

# UPGRADE 14.4

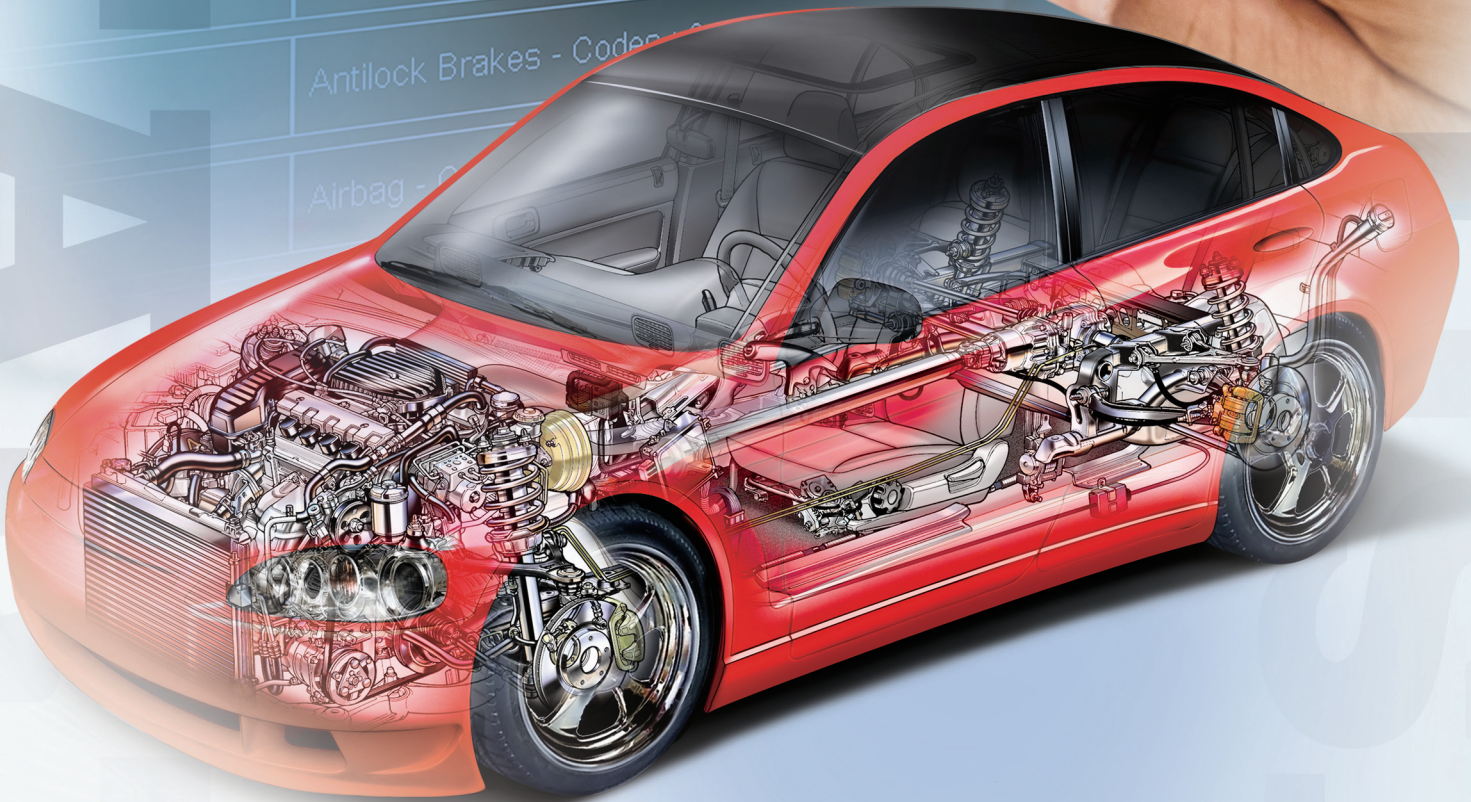
Systems detected : 13

Engine - Codes : 2

Transmission - Codes : 0

Antilock Brakes - Codes : 0

Airbag - 6



SNAP-ON 14.4

## VEHICLE APPLICATION GUIDE

Stronger  
**STARTS**



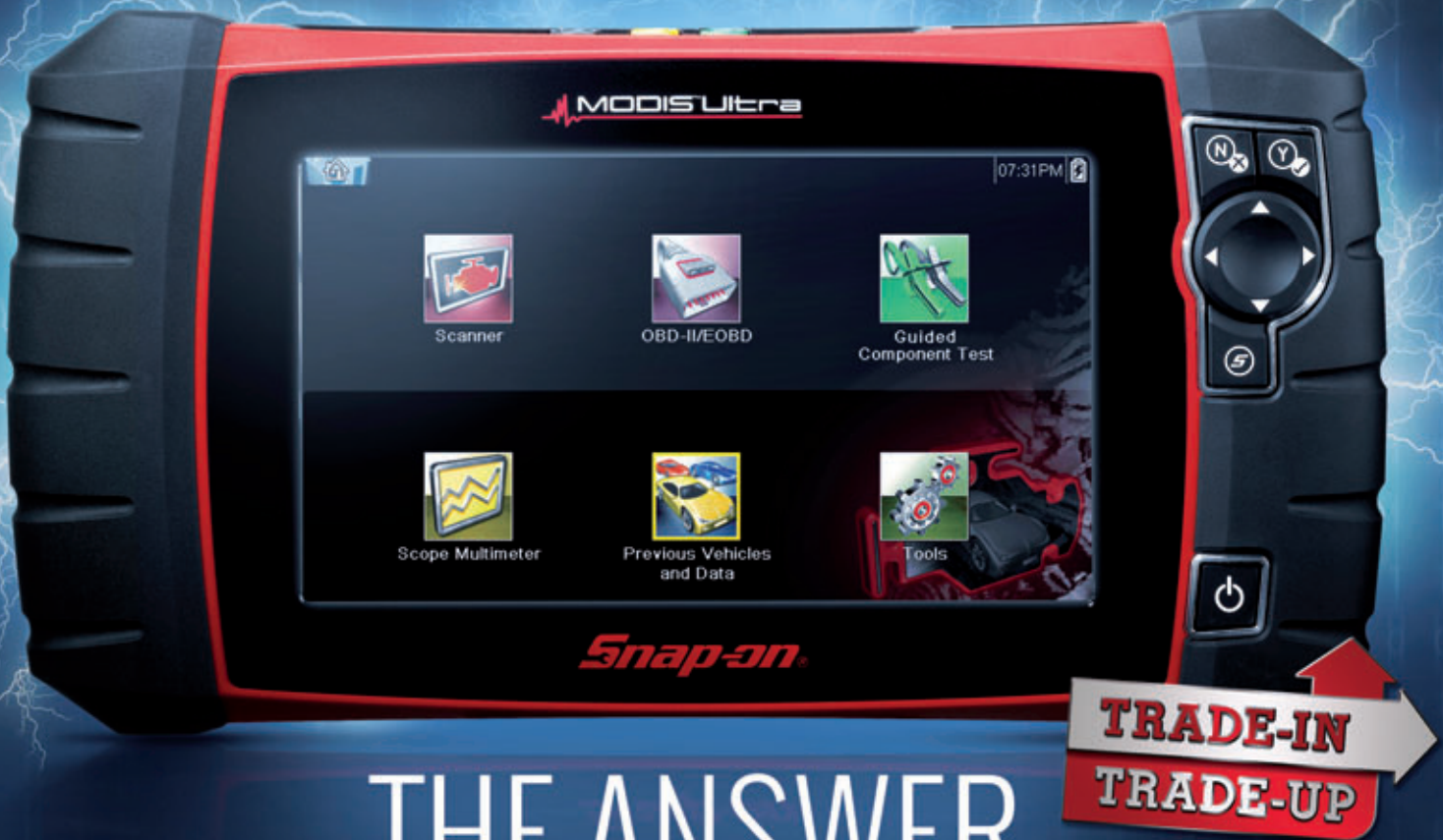
Faster  
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**Snap-on**



# MODIS™ Ultra



## THE ANSWER TO A FIRST TIME FIX!

5 SECOND BOOT UP TIME & EASY TO USE TOUCHSCREEN INTERFACE!

**Modis Ultra gives you 2 TOOLS IN 1, including a scanner AND component tester. Key functions include:**

- 2 Channel High Speed Scope – Enables quick and easy signature testing of two components simultaneously. Captures 6 million samples/sec and can also identify sensor glitches
- Graphing Data – Digital graphing display enables you to access custom data lists, set data triggers and record up to 2,000 frame data movies
- Sub System Coverage – Going beyond generic coverage and engine data, giving you information on systems you see the most. Includes latest technologies such as steering angle sensor, TPMS, hybrid power and park assist
- Manufacturer Specific Codes – Manufacturer code definitions are clearly shown on-screen, plus code and symptom tips help show cause and effect for faster diagnosis
- Component Reprogramming – Enables you to complete the job faster with automated tests like injector programming, service reset, caliper rewind, throttle initialisation and TPMS calibration
- Built-in Training – Increases your knowledge and helps you to get the most out of your diagnostic tool

**SPEAK TO YOUR FRANCHISEE NOW!**

# UPGRADE 14.4

## Step up to the 14.4 Software Release.

The most comprehensive software coverage anywhere  
– it all adds up to a lot of cars and a lot of business for you!

### 14.4

#### Vehicle Communication Systems (VCS)

- Bang up to date content (2013) on all 29 EU makes
- 11% more content than 14.2 and 30% more content over 13.2
- 29 manufacturers receiving an upgrade as part of 14.4
- Auto ID, Code Scan & Clear All Codes functionality expanded

#### Component Test Meter (CTM)

- Fiat added as new manufacturer
- 269,671 tests, that's 20,533 more than with the 14.2 upgrade

#### TroubleShooter (T/S)

- Peugeot, Citroen & Renault content upgraded at 14.4

- Over 1,600 DF (Renault) fault codes added
- 30 specific European vehicle manufacturers + EOBD
  - 29 upgraded as part of the 14.4
- 98%+ coverage of the UK vehicle parc\*
- 99% more content than at 11.2
  - 62,601 vehicles covered
  - 512,151 codes
- Up to date content
  - 2013 coverage on all current makes
- EOBD – all modes
  - Petrol from 2001 on
  - Diesel from 2004/5 on

\* Figures taken from the 2010 new vehicle sales data

### 14.2

- More than 1 million pieces of data now in the software
- Manufacturer specific Scanner coverage for 30 manufacturers + EOBD
- 49% more content than 12.2 – Double the content in just 2 years
- 27 manufacturers upgraded in this release
- 9 US manufacturers now covered – including new Porsche and Chrysler\*

- Auto ID, Code Scan & Clear All Codes functionality expanded  
More detail on page 2
- Land Rover added as a new manufacturer to Component Test Meter (CTM)
- Over 1/4 Million tests now included in the software
- TroubleShooter content updated for Land Rover & Fiat

\* Carry over content, may not connect or cover all European models

### 13.4

- Manufacturer specific Scanner coverage for 30 makes + EOBD
- 29 manufacturers receiving an upgrade as part of 13.4
- 2012 model year coverage across **all** makes covered
- HYUNDAI & KIA added as new manufacturers to Component Test Meter (CTM)
- Over 8,000 unique tests added
- BMW & VAG upgraded in Troubleshooter

- 98% coverage of the UK vehicle parc
- 40% more content than at 11.4
  - Over 93,000 vehicle systems added since 11.4
  - More than 47,500 Parameter ID's (PID's) added since 11.4
- EOBD – all modes
  - Petrol from 2001 on
  - Diesel from 2004/5 on

### 13.2

- Subaru added as a new manufacturer
- Now includes 30 manufacturer specific titles
- 29 manufacturers with 2011/2012 coverage
- Jaguar and Volvo added as new manufacturers to Component Test Meter (CTM)
- Troubleshooter updated for Ford and Renault

- 98% coverage of the UK vehicle parc
- 1400 new vehicles added
- 250,000 vehicle systems now covered
- More than 30,000 new vehicle systems added since 12.4
- 163,000 PIDs covered

### 12.4

- Jaguar added as a manufacturer
- Seat and Skoda added as manufacturers to Component Test Meter
- Over 55,000 vehicles covered by Snap-on software
- 99% more codes than at 10.2
- 97% coverage of the UK vehicle parc

- 29 major vehicle manufacturer specific titles
- 19 manufacturers updated to 2011 model year coverage
- 400,000 PID's included
- 17,000 Functional Actuator & System tests
- 220,000 Vehicle systems

# UPGRADE 14.4

## Manufacturer Overview

Make	Auto ID	Year Range	Code Scan	Year Range	Clear All Codes	Year Range
BMW	✓	2002->	✓	2005->	✓	2005->
MINI	✓	2001->	✓	2001->	✓	2001->
MB	✓	2003->	✓	2003->	✓	2003->
Opel	✓	1998->	✓	2005->	✓	2005->
Smart	✓	1998->	✓	1998->	✓	1998->
Toyota			✓	2008->	✓	2008->
Suzuki			✓	2000->	✓	2000->
Subaru	✓	2007->		TBD		TBD
Renault	✓	2004->		TBD		TBD
Dacia	✓	2007->				
KIA	✓	2010->*	✓	2007->	✓	2007->
Honda			✓	2003->	✓	2003->
PSA	✓	2000->	✓	2005->	✓	2005->
AFL			✓	2005->	✓	2005->
LRV	✓	2007->	✓	2007->	✓	2007->
Mazda	✓	2002->	✓	2005->	✓	2005->
Jaguar	✓	2005->	✓	2005->	✓	2005->
Ford		TBD	✓	1995->	✓	1995->
VAG	✓	2008->	✓	2006->	✓	2006->
Hyundai	✓	2010->*	✓	2001->	✓	2001->
Mitsubishi	✓	2006->	✓	2006->	✓	2006->
Nissan			✓	2005->	✓	2005->
Volvo	✓	2000->	✓	2000->	✓	2000->

\* Available when the VIN has been programmed to the controller.  
 Note: A lot of Kia and Hyundai vehicles do not have their VIN's programmed when they leave the factory.



# UPGRADE 14.4

## New Features

### AFL - ALFA - FIAT - LANCIA

- 2013 Model Year Upgrade
  - › Alfa Romeo 4c model added
- Guilietta content expanded
  - › ABS & Transmission
- Engine Management
  - › Fiorino / Quobo, 500 & 5001
- Fiat Freemont content added
  - › BCM, IPC, Park Assist, Radio & Steering Column
- Lancia Flavia
  - › IPC & BCM
- Lancia Voyager
  - › IPC, BCM & Door Modules

### BMW

- 2013 Model Year Upgrade
  - › New 6 series (F06) & 3 series G.T. (F34) models added
- Code Scan added to all models from 2005 onwards
- Clear All Codes added to all models from 2005 onwards
- Electronic Fuel Pump\*
  - › Read and clear codes, view live data and perform function tests
- VTG Transfer Box\*
  - › Read and clear codes, view live data and perform function tests
- Electronic Immobilizer (CAS4) system added
  - › Read and clear codes, view live data and perform function tests
  - › 5 series (F10), 5 series G.T. (F07) & 7 series (F01)

### DACIA

- 2013 Model Year Upgrade
  - › Models added/extended – Duster, Dokker, Logan II, Lodgy, Sandero II & Sandero Stepway II
- Auto ID introduced on all models
- SIR updated for all models
- ABS coverage extended
- Airbag coverage extended
- 4WD system coverage added for the Duster
- Power Steering systems introduced
  - › Duster, Dokker, Lodgy, Logan II, Sandero II & Stepway II
- Wheel Alignment Steering Angle Re-learn

### FORD

- Clear All Codes added to many models\*
- Battery Monitoring system reset introduced
  - › Kuga 2013›, Focus 2011› & Ranger 2011›
- Powertrain Control Module coverage & content extended
- DPF Regeneration added
  - › 1.5L & 1.6L Diesel B-Max (2013) & 'new' Fiesta (2012›)
- Content extended for more modules\*
  - › B-Max
  - › Fiesta (2013)
  - › Kuga (2013)
  - › Transit Custom (2013)

### HONDA

- 2013 Model Year Upgrade
  - › 2 x New models added
    - CR-V & CR-Z
  - › 3 x New engine variants
    - CR-V 1.6L i-DTEC (N16A2) & 2.2L iCTDi Diesel (N22B4)
    - CR-Z 1.5L (LEA3)
  - › Content introduced for...
    - Engine Management, Transmission, Airbag, Braking System
    - Electronic Power Steering, Wheel Alignment, IMA & SCS Mode

### HYUNDAI

- 2013 Model Year Upgrade
  - › 4 x New models added / extended
    - i10 (PA), i30, ix20 & ix35
- 4WD system added for the Santa Fe DM

### JAGUAR

- Code Scan Introduced\*
- Clear All Codes Introduced\*
- Body Control Module functionality extended\*
- Heating Ventilation & Air Conditioning (HVAC) coverage extended\*

### KIA

- 2013 Model Year Upgrade
  - › 3 x New models added
    - Carens (RP), C'eed (JD) & Picanto (TA)
- Clear All Codes function introduced
- BCM system coverage extended\*
- TPMS added for the Sportage SL & SLE
- 4WD system coverage for Sportage & Sorento models\*
- Smart junction box content introduced\*
- Reset Adaptions on petrol engines\*
- Auto AC feature added for 2 models\*

### LAND ROVER

- 2013 Model Year Upgrade
  - › Range Rover L405 model added
    - All Terrain Control Module, BCM, Chassis Control Module, Climate Seat Rear, HVAC (front & rear), Keyless Vehicle Module, Parking Assist, Parking Brake, Seat Module (driver & passenger), Steering Angle Sensor Module & TPMS
- Electronic Key Access introduced for Discovery 2
- Engine Special Functions extended\*
  - › Range Rover 4.4L Diesel & Freelander 2 2.0L MPI
- ABS Actuator Tests introduced
  - › Range Rover, Range Rover Sport & Disco 3

### MAZDA

- Fuel Additive Module resets introduced
  - › New module programming, refilling & priming
  - › Mazda 3 2004›2013 & Mazda 5 2011›2013
- Seat Occupant resets & calibrations added
  - › Covers both removal and replacement of seats
  - › Mazda 3 2009› 2013
- Sliding Door Module coverage introduced
  - › Mazda 5 2005› 2013

\* Please refer to applications guide for coverage details

# UPGRADE 14.4

## New Features

### MERCEDES

- Clear All Codes function introduced
- Actuators & Special Functions extended\*
  - › CDI D2 – C Class (204) & E Class (212)
- Air Conditioning content added
  - › B Class (245), A Class (169) & ML Class (166)
  - › Codes, data, actuation & special functions
- Signal Acquisition Module (SAM) content added
  - › B Class (245 & 246), A Class (169 & 176), ML Class (164 & 166), S Class (221), CL Class (216), GL Class (164) & CLA Class (117)
  - › Codes, data & actuators
- Steering column, Headlamp, Parktronic & Engine content added also\*

### MINI

- 2013 Model Year Upgrade
- Code Scan added to all models from 2001 onwards
- Clear All Codes added to all models from 2001 onwards

### MITSUBISHI

- 2013 Model Year Upgrade
  - › 5 x New models added
    - ASX, Spacestar, Pajero, Outlander GF & L200
- Additional Key Programming
  - › Colt 2004 › 2012
- Rain/Light Sensor content introduced
  - › Spacestar, Mirage, Outlander GF & CW, ASX & Lancer
- Cruise Control functionality extended
  - › ASX, Outlander GF & Pajero

### NISSAN

- 2013 Model Year Upgrade
  - › 4 x New models added/extended
    - Leaf, Micra (K13), Note (E12) & NV400
- Code Scan introduced
- Clear All Codes introduced
- DPF regeneration content extended
  - › X-trail (T31) 2.0 DCI (M9R) 2007›

### OPEL/VAUXHALL

- 2013 Model Year Upgrade\*
  - › New content added for the following models... Antara, Adam, Astra J, Cascada, Mokka, Zafira C, Corsa D & Meriva B
  - › Content include Engine management, transmission, ABS, airbag & instrument panel

### PSA - CITROËN - PEUGEOT

- Clear All Codes introduced
- Coverage for retractable roof
  - › 206CC, 307CC & 307CC restyle
- DPF regeneration & resets content extended
- Battery Charge Status Unit diagnostics
- 26 new BSI systems implemented
- Instrument Panel content extended
  - › 206, 307, 308, 3008, 407, 508 & 607
  - › C3 Picasso, new look C3, C4, C5, C6, Xsara & Xsara Picasso

### RENAULT

- Electronic Park Brake content extended
  - › Megane III EPB-02 & EPB-05
  - › Codes, data & pad change
- Switching Protection Unit content added
  - › Scenic III, Megane III & Fluence UPC-00, UPC-07, UPC-32
  - › Codes, data & battery overload reset
- Four Wheel Steering (4WS) system introduced
  - › Laguna III coupe 4WS-05
  - › Codes, data & functional tests

### SMART

- 2013 Model Year Upgrade
  - › Fortwo (451) coverage extended
    - Code Scan, Clear All Codes, Engine, Auto. Transmission, ABS, AC, SAM, EPS, TPMS, SIR, Airbag & Wheel Alignment
- Multifunction Steering Wheel functionality introduced
  - › Forfour (454) 2004›2006
  - › Codes & DataClear All Codes

### SUBARU

- Auto ID Introduced for all common vehicles\*

### SUZUKI

- 2013 Model Year Upgrade
  - › New S-Cross model now included
  - › Engine Management, Transmission, ABS & Airbag
- Engine Management content extended
  - › Swift 1.3L Diesel (D13A)
  - › Grand Vitara 1.6L Petrol (G16) & 2.0L Petrol (J20)

### TOYOTA

- Main Body Computer content extended
  - › Codes, data & actuator tests\*
- Electric Motor Power Steering content added
  - › Codes, data & special functions\*
- 12 character injector codes now covered\*

### VAG - VW - AUDI - SEAT - SKODA

- Auto ID introduced across the makes
- Static DPF regeneration introduced
  - › VW Crafter 2.0L TDI CR
- Injector coding for models with security access now implemented
- Airco functionality introduced\*
- UDS Steering Wheel electronic coding and configurations now available

### VOLVO

- 2013 Model Year Upgrade
  - › 12 popular models receiving a content update
  - › C30, C70, S40,S60, S80, V40, V50, V60, V70, XC60, XC70, & XC90
  - › Updated content including\* engine, transmission, ABS, airbag, central electric module, EPS, headlights, TPMS, SIR, wheel alignment, steering angle sensor, & parking brake module
- Clear All Codes introduced

\* Please refer to applications guide for coverage details



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# CTM Features

Make	Model	Year Range	Engine	Fuel Type	New Model for 14.4	New Engine for 14.4
Alfa Romeo	145	1997 - 2001	1.4L 16V TWIN SPARK = 335.03	P		
Alfa Romeo	146	1997 - 2001	1.4L 16V TWIN SPARK = 335.03	P		
Alfa Romeo	147	2000 - 2011	1.6L 16V TWIN SPARK = 321.04	P		
Alfa Romeo	156	2001 - 2006	1.6L 16V TWIN SPARK = 321.04	P		
Alfa Romeo	156	1997 - 2001	1.8L 16V TWIN SPARK = 322.01	P		
Alfa Romeo	156	2001 - 2006	1.8L 16V TWIN SPARK = 322.05	P		
Alfa Romeo	156	2001 - 2006	2.0L 16V TWIN SPARK = 323.10	P		
Alfa Romeo	159	2005 - 2010	1.9L 8V JTDM = 939.A1.000	D		
Alfa Romeo	159	2008 - 2012	2.0L 16V JTDM = 939.B3.000	D		
Alfa Romeo	Giulietta	2010 - 2013	1.6L 16V JTDM = 940.A3.000	D		
Alfa Romeo	Giulietta	2010 - 2012	1.75L DOHC MFI = 940.A1.000	P		
Alfa Romeo	Giulietta	2010 - 2012	2.0L 16V JTDM = 940.A4.000	D		
Alfa Romeo	GT	2003 - 2010	1.8L 16V TWIN SPARK = 322.05	P		
Alfa Romeo	GT	2003 - 2010	1.9L 16V JTD = 937.A5.000	D		
Alfa Romeo	Mito	2009 - 2013	1.3L 16V JTD = 199.B1.000	D		
Alfa Romeo	Mito	2008 - 2013	1.4L 16V = 955.A1.000 (ME 7.9.10 CF4)	P		
Alfa Romeo	Spider	1998 - 2001	2.0L 16V TWIN SPARK = 323.01	P		
Audi	A1	2010 - 2012	1.6L TDI-CR = CAYC	D	✓	✓
Audi	A2	2000 - 2007	1.4L TDI = AMF	D		
Audi	A2	2004 - 2007	1.4L TDI = BHC	D		
Audi	A2	2002 - 2006	1.6L MPI = BAD	P		
Audi	A3	2003 - 2003	1.6L MPI = ALZ	P		
Audi	A3	2002 - 2003	1.6L MPI = BFQ	P		
Audi	A3	2003 - 2006	1.6L MPI = BGU	P		
Audi	A3	2009 - 2013	1.6L TDI-CR = CAYC	D		
Audi	A3	1998 - 2003	1.8L MPI = APG	P		
Audi	A3	2000 - 2003	1.8L MPI TURBO = ARY	P		
Audi	A3	2000 - 2003	1.8L MPI TURBO = AUM	P		
Audi	A3	2000 - 2003	1.8L MPI TURBO = AUQ	P		
Audi	A3	2002 - 2003	1.8L MPI TURBO = BAM	P		
Audi	A3	1996 - 2003	1.9L TDI = AHF	D		
Audi	A3	2000 - 2003	1.9L TDI = ASZ	D		
Audi	A3	2000 - 2003	1.9L TDI = ATD	D		
Audi	A3	2003 - 2007	1.9L TDI = BKC	D		
Audi	A3	2005 - 2009	1.9L TDI = BLS	D		
Audi	A3	2006 - 2007	1.9L TDI-PI = BXE	D		
Audi	A3	2003 - 2007	2.0L FSI = AXW	P		
Audi	A3	2003 - 2008	2.0L TDI = BKD	D		
Audi	A3	2008 - 2011	2.0L TDI-CR = CBAB	D		
Audi	A4	2000 - 2008	1.6L MPI = ALZ	P		
Audi	A4	2003 - 2003	1.8L MPI TURBO = AUM	P		
Audi	A4	2001 - 2003	1.8L MPI TURBO = AVJ	P		
Audi	A4	2000 - 2001	1.8L MPI TURBO = AWT	P		
Audi	A4	2003 - 2004	1.8L MPI TURBO = BEX	P		
Audi	A4	2002 - 2009	1.8L MPI TURBO = BFB	P		
Audi	A4	2005 - 2007	1.9L DIESEL = BRB	D		
Audi	A4	2001 - 2003	1.9L TDI = AVB	D		
Audi	A4	2000 - 2003	1.9L TDI = AVF	D		
Audi	A4	2000 - 2003	1.9L TDI = AWX	D		
Audi	A4	2004 - 2006	1.9L TDI PD = BKE	D		
Audi	A4	2007 - 2011	2.0L 16V T-DIESEL = CAGA	D		
Audi	A4	2004 - 2008	2.0L DIESEL = BLB	D		
Audi	A4	2005 - 2008	2.0L DIESEL = BRD	D		
Audi	A4	2006 - 2008	2.0L DIESEL = BRE	D		
Audi	A4	2001 - 2005	2.0L FSI = AWA	P		
Audi	A4	2001 - 2007	2.0L MPI = ALT	P		
Audi	A4	2003 - 2008	2.5L TDI = BDG	D		
Audi	A4	1996 - 1999	2.8L MPI = ACK	P		
Audi	A4	2002 - 2003	4.2L MPI = BBK	P		
Audi	A6	1998 - 2003	1.8L MPI TURBO = APU	P		
Audi	A6	2000 - 2004	1.8L MPI TURBO = AWT	P		
Audi	A6	2001 - 2005	1.9L TDI = AVF	D		
Audi	A6	2001 - 2003	1.9L TDI = AWX	D		
Audi	A6	2005 - 2011	2.0L 16V = BPJ	P		
Audi	A6	2005 - 2009	2.0L DIESEL = BLB	D		
Audi	A6	2001 - 2004	2.0L MPI = ALT	P		
Audi	A6	2008 - 2011	2.0L TDI CR = CAGB	D		
Audi	A6	2003 - 2005	2.5L TDI = BAU	D		
Audi	A6	1996 - 2003	2.8L MPI = ACK	P		
Audi	A6	2004 - 2008	3.2L FSI = AUK	P		
Audi	A8	1996 - 1999	2.8L MPI = ACK	P		
Audi	S3	2002 - 2003	1.8L MPI TURBO = BAM	P		
Audi	S4	2003 - 2009	4.2L MPI = BBK	P		
Audi	TT	2000 - 2007	1.8L MPI TURBO = ARY	P		
Audi	TT	2001 - 2007	1.8L MPI TURBO = AUM	P		
Audi	TT	2000 - 2007	1.8L MPI TURBO = AUQ	P		
Audi	TT	2000 - 2007	1.8L MPI TURBO = BAM	P		
Audi	TT	2006 - 2009	2.0L FSI TURBO = BWA	P		
Audi	TT	2003 - 2006	3.2L MPI = BHE	P		
BMW	1-Series	2003 - 2007	1.6L 16V MPI = N45B16A	P		
BMW	1-Series	2004 - 2007	2.0L TURBO DIESEL = 204D4 (DDE6.0)	D		
BMW	1-Series	2007 - 2011	2.0L TURBO DIESEL = N47D20A	D		
BMW	3-Series [E36]	1996 - 2000	1.8L MPI = 184E2	P		
BMW	3-Series [E46]	2001 - 2004	1.8L 16V MPI = N42B18A	P		
BMW	3-Series [E46]	1997 - 2002	1.9L MPI = 194E1	P		
BMW	3-Series [E46]	2001 - 2005	2.0L 16V MPI = N42B20A	P		
BMW	3-Series [E46]	1997 - 2001	2.0L 24V MPI = 206S4	P		

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Make	Model	Year Range	Engine	Fuel Type	New Model for 14.4	New Engine for 14.4
BMW	3-Series [E46]	2001 - 2005	2.0L TURBO DIESEL = 204D4 (DDE5.0)	D		
BMW	3-Series [E46]	2001 - 2007	2.0L TURBO DIESEL = 204D4 (DDE6.0)	D		
BMW	3-Series [E46]	2003 - 2005	2.2L 24V MPI = 226S1	P		
BMW	3-Series [E46]	2000 - 2005	2.5L 24V MPI = 256S5	P		
BMW	3-Series [E46]	2000 - 2005	3.0L 24V MPI = 306S3	P		
BMW	3-Series [E46]	2001 - 2005	3.2L 24V MPI = 326S4	P		
BMW	3-Series [E90]	2005 - 2008	2.0L 16V MPI = N46B20B	P		
BMW	3-Series [E90]	2007 - 2014	2.0L MPI = N43B20A	P		✓
BMW	3-Series [E90]	2010 - 2011	2.0L TURBO DIESEL = N47D20C	D		
BMW	3-Series [E90]	2005 - 2007	2.5L 20V MPI = N52B25A	P		
BMW	5-Series [E39]	1998 - 2001	2.0L 24V MPI = 206S4	P		
BMW	5-Series [E39]	2000 - 2004	2.2L 24V MPI = 226S1	P		
BMW	5-Series [E39]	1998 - 2004	3.0L TURBO DIESEL = 306D1	D		
BMW	5-Series [E60]	2007 - 2010	2.0L TURBO DIESEL = N47D20A	D		
BMW	5-Series [E60]	2003 - 2007	2.5L TURBO DIESEL = 256D2	D		
BMW	5-Series [E60]	2004 - 2004	3.0L TURBO DIESEL = 306D2	D		
BMW	6-Series [E63]	2004 - 2007	3.0L 24V MPI = N52B30A	P		
BMW	7-Series [E65]	2002 - 2005	3.6L 32V MPI = N62B36A	P		
BMW	7-Series [E65]	2002 - 2005	4.4L 32V MPI = N62B44A	P		
BMW	X1 [E84]	2009 - 2013	2.0L TURBO DIESEL = N47D20C	D	✓	✓
BMW	X3 [E83]	2004 - 2007	2.0L TURBO DIESEL = 204D4	D		
BMW	X5 [E53]	2000 - 2005	3.0L TURBO DIESEL = 306D1	D		
BMW	X5 [E53]	2003 - 2007	3.0L TURBO DIESEL = 306D2	D		
BMW	Z3 [E36]	1996 - 1999	1.9L 16V MPI = 194S1	P		
Citroen	Berlingo	2002 - 2011	1.4L MPI = KFW (S2000PM1)	P		
Citroen	Berlingo	2000 - 2009	1.6L 16V MPI = NFU	P		
Citroen	Berlingo	2008 - 2012	1.6L 16V T-DIESEL = 9HT	D		
Citroen	Berlingo	2005 - 2011	1.6L 16V T-DIESEL = 9HW	D		
Citroen	Berlingo	2005 - 2011	1.6L 16V T-DIESEL = 9HX	D		
Citroen	Berlingo	1996 - 2002	1.8L MPI = LFX	P		
Citroen	Berlingo	2000 - 2007	1.9L DIESEL = WJY	D		
Citroen	Berlingo	1998 - 2007	2.0L T-DIESEL = RHY (BOSCH EDC15)	D		
Citroen	Berlingo	2000 - 2007	2.0L T-DIESEL = RHY (SIEMENS SID801)	D		
Citroen	C1	2005 - 2011	1.0L MPI = 1KRFE	P		
Citroen	C1	2004 - 2010	1.4L T-DIESEL = 8HT	D		
Citroen	C2	2005 - 2010	1.1L MPI = HFX (J34P)	P		
Citroen	C2	2003 - 2004	1.1L MPI = HFX (MM 4.8P)	P		
Citroen	C2	2003 - 2010	1.4L T-DIESEL = 8HX	D		
Citroen	C2	2005 - 2010	1.4L T-DIESEL = 8HZ	D		
Citroen	C2	2003 - 2010	1.6L 16V MPI = NFU	P		
Citroen	C3	2002 - 2010	1.1L MPI = HFX	P		
Citroen	C3	2010 - 2012	1.4L MPI = KFT	P		
Citroen	C3	2004 - 2010	1.4L MPI = KFV (MM6LP PSA)	P		
Citroen	C3	2002 - 2004	1.4L MPI = KFV	P		
Citroen	C3	2002 - 2004	1.4L T-DIESEL = 8HX	D		
Citroen	C3	2002 - 2010	1.4L T-DIESEL = 8HZ	D		
Citroen	C3	2002 - 2010	1.6L 16V MPI = NFU (ME7.4.4)	P		
Citroen	C3	2004 - 2010	1.6L 16V MPI = NFU (ME7.4.5)	P		
Citroen	C3 Picasso	2009 - 2011	1.6L HDI = 9HX	D		
Citroen	C4	2004 - 2011	1.4L MPI = KFV (MM6LP PSA)	P		
Citroen	C4	2004 - 2009	1.6L 16V MPI = NFU	P		
Citroen	C4	2004 - 2009	1.6L 16V T-DIESEL = 9HY	D		
Citroen	C4	2004 - 2010	1.6L 16V T-DIESEL = 9HZ	D		
Citroen	C4	2004 - 2006	2.0L T-DIESEL = RHR	D		
Citroen	C4 Picasso	2006 - 2011	1.6L HDI = 9HZ	D		
Citroen	C4 Picasso	2006 - 2008	1.8L 16V = 6FY	P		
Citroen	C4 Picasso	2006 - 2011	2.0L HDI = RHJ	D		
Citroen	C5	2004 - 2008	1.6L 16V T-DIESEL = 9HY	D		
Citroen	C5	2004 - 2008	1.6L 16V T-DIESEL = 9HZ	D		
Citroen	C5	2001 - 2008	1.8L 16V MPI = 6FZ	P		
Citroen	C5	2000 - 2004	2.0L 16V MPI = RFN (MM 4.8P)	P		
Citroen	C5	2001 - 2004	2.0L T-DIESEL = RHY (SID 801)	D		
Citroen	C5	2001 - 2004	2.0L T-DIESEL = RHZ	D		
Citroen	C6	2008 - 2010	2.7L T-DIESEL = UHZ	D		
Citroen	C8	2002 - 2005	2.0L 16V T-DIESEL = RHT	D		
Citroen	Dispatch	2000 - 2005	1.9L DIESEL = WJY	D		
Citroen	Dispatch	2000 - 2005	2.0L T-DIESEL = RHZ	D		
Citroen	Relay	2000 - 2005	2.0L T-DIESEL = RHV	D		
Citroen	Saxo	1996 - 2002	1.1L CPI = HDZ	P		
Citroen	Saxo	2000 - 2003	1.1L MPI = HFX	P		
Citroen	Saxo	2000 - 2003	1.6L MPI = NFT	P		
Citroen	Xsara	1997 - 2002	1.4L MPI = KFX	P		
Citroen	Xsara	2000 - 2004	1.9L DIESEL = WJY	D		
Citroen	Xsara	1998 - 2004	2.0L T-DIESEL = RHY	D		
Citroen	Xsara Picasso	2004 - 2005	1.6L 16V T-DIESEL = 9HY	D		
Citroen	Xsara Picasso	2000 - 2006	1.6L MPI = NFV	P		
Citroen	Xsara Picasso	1999 - 2005	1.8L 16V MPI = 6FZ	P		
Citroen	Xsara Picasso	2000 - 2005	2.0L 16V MPI = RFN	P		
Citroen	Xsara Picasso	1999 - 2005	2.0L T-DIESEL = RHY	D		
Fiat	500	2009 - 2014	0.9L 8V TURBO = 312.A2.000	P	✓	✓
Fiat	500	2007 - 2013	1.2L 8V = 169.A4.000	P	✓	✓
Fiat	500	2009 - 2014	1.3L 16V JTD = 199.B1.000 (Magneti Marelli 8F3)	D	✓	✓
Fiat	500	2007 - 2013	1.4L 16V MPI = 169.A3.000	P	✓	✓
Fiat	500	2008 - 2014	1.4L MPI = 312.A1.000	P	✓	✓
Fiat	500	2012 - 2014	1.6L 16V MJET = 199.B5.000	D	✓	✓
Fiat	Bravo	2007 - 2013	1.4L 16V (88KW) = 198.A4.000	P	✓	✓
Fiat	Bravo	2008 - 2014	2.0L 16V JTDM = 198.A5.000	D	✓	✓



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Make	Model	Year Range	Engine	Fuel Type	New Model for 14.4	New Engine for 14.4
Fiat	Croma	2005 - 2011	1.8L 16V MPI = 939.A4.000	P	✓	✓
Fiat	Doblo	2006 - 2009	1.3L 16V TURBO DIESEL = 223.A9.000	D	✓	✓
Fiat	Doblo	2010 - 2014	1.4L 16V MPI = 843.A1.000	P	✓	✓
Fiat	Doblo	2010 - 2014	1.6L 16V MJET = 198.A3.000	D	✓	✓
Fiat	Doblo	2006 - 2011	1.9L JTD = 186.A9.000	D	✓	✓
Fiat	Doblo	2000 - 2009	1.9L Turbo Diesel = 182.B9.000 (Bosch EDC15 CF3)	D	✓	✓
Fiat	Grande Punto	2005 - 2012	1.3L 16V JTD = 199.A2.000	D	✓	✓
Fiat	Grande Punto	2005 - 2009	1.9L 16V MJET = 199.A5.000	D	✓	✓
Fiat	Panda	2010 - 2013	1.2L 8V = 169.A4.000	P	✓	✓
Fiat	Panda (169)	2003 - 2011	1.2L MPI = 188.A4.000 (Magneti Marelli IAW 5NF)	P	✓	✓
Fiat	Panda (169)	2006 - 2010	1.3L 16V JTD = 169.A1.000	D	✓	✓
Fiat	Punto	2007 - 2013	1.2L 8V (51KW) = 169.A4.000	P	✓	✓
Fiat	Punto	1999 - 2004	1.2L MPI = 188.A4.000 (Magneti Marelli IAW 5AF)	P	✓	✓
Fiat	Punto	2009 - 2012	1.3L 16V JTD = 199.B1.000 (Magneti Marelli MJD 8F2)	D	✓	✓
Fiat	Punto Evo	2009 - 2012	1.4L 16V MPI = 955.A6.000	P	✓	✓
Fiat	Punto Evo	2009 - 2012	1.4L 8V (57KW) = 350.A1.000	P	✓	✓
Fiat	Qubo	2008 - 2014	1.3L 16V MJET = 199.A9.000	D	✓	✓
Ford	Escort	1996 - 2002	1.4L CVH = FU	P		
Ford	Escort	1999 - 2002	1.6L SFI = E	P		
Ford	Fiesta	2008 - 2012	1.25L 16V DOHC = N	P		
Ford	Fiesta	2002 - 2009	1.25L DOHC = U	P		
Ford	Fiesta	1998 - 2002	1.25L SFI = D	P		
Ford	Fiesta	1999 - 2002	1.3L SFI = 4	P		
Ford	Fiesta	2002 - 2006	1.3L SOHC = 9	P		
Ford	Fiesta	2002 - 2009	1.4L 16V DOHC = X	P		
Ford	Fiesta	2008 - 2013	1.4L DURATEC = P	P		✓
Ford	Fiesta	2008 - 2013	1.4L DURATORQ TDCI = N	D		✓
Ford	Fiesta	2002 - 2009	1.4L T-DIESEL = 6	D		
Ford	Fiesta	2003 - 2008	1.6L 16V DOHC = Y	P		
Ford	Fiesta	2002 - 2002	1.6L 16V DOHC = Y (SIM 22)	P		
Ford	Fiesta	2004 - 2009	1.6L 16V T-DIESEL = H	D		
Ford	Fiesta	1996 - 2001	1.6L SFI = Y	P		
Ford	Fiesta	2002 - 2002	1.6L SFI = Y (EEC V)	P		
Ford	Fiesta	1998 - 2002	1.8L DIESEL = R	D		
Ford	Focus	1998 - 2002	1.4L DOHC = P	P		
Ford	Focus	2004 - 2006	1.4L SIGMA = A	P		
Ford	Focus	2003 - 2005	1.4L ZETEC-SE = P	P		
Ford	Focus	2004 - 2009	1.6L DURATORQ TDCI = 2	D		
Ford	Focus	1998 - 2002	1.6L SFI = Q	P		
Ford	Focus	2004 - 2009	1.6L SIGMA = B	P		
Ford	Focus	2004 - 2012	1.6L SIGMA = F	P		✓
Ford	Focus	2010 - 2013	1.6L TDCI = B	D		
Ford	Focus	2003 - 2005	1.6L ZETEC-SE = Q	P		
Ford	Focus	1999 - 2001	1.8L DIESEL = F	D		
Ford	Focus	2007 - 2010	1.8L DIESEL TDCI = 4	D		
Ford	Focus	2001 - 2005	1.8L DURATORQ TDCI = B	D		
Ford	Focus	2002 - 2005	1.8L ENDURA TDDI = F	D		
Ford	Focus	1998 - 2001	1.8L SFI = M	P		
Ford	Focus	2002 - 2005	1.8L ZETEC-E = M	P		
Ford	Focus	2004 - 2006	2.0L DURATEC = E	P		
Ford	Focus	2004 - 2006	2.0L DURATORQ TDCI = 3	D		
Ford	Focus	1998 - 2001	2.0L SFI = K	P		
Ford	Focus	2002 - 2005	2.0L ZETEC-E = K	P		
Ford	Focus C-Max	2004 - 2009	1.6L DURATORQ TDCI = 2	D		
Ford	Focus C-Max	2004 - 2009	1.6L SIGMA = B	P		
Ford	Focus C-Max	2007 - 2009	1.8L DIESEL TDCI = 4	D		
Ford	Focus C-Max	2004 - 2009	2.0L DURATORQ TDCI = 3	D		
Ford	Fusion	2002 - 2006	1.25L DOHC = U	P		
Ford	Fusion	2002 - 2009	1.4L 16V DOHC = X	P		
Ford	Fusion	2002 - 2009	1.4L T-DIESEL = 6	D		
Ford	Fusion	2002 - 2006	1.6L 16V DOHC = Y	P		
Ford	Fusion	2004 - 2009	1.6L 16V T-DIESEL = H	D		
Ford	Galaxy	2006 - 2012	1.8L DURATORQ TDCI = 1	D		✓
Ford	Galaxy	2000 - 2006	1.9L TDI = ANU	D		
Ford	Galaxy	1996 - 2002	1.9L T-DIESEL = 1Z	D		
Ford	Galaxy	2000 - 2006	1.9L T-DIESEL = H	D		
Ford	Galaxy	2000 - 2006	2.3L DOHC = D	P		
Ford	Ka	2008 - 2013	1.2L DURATEC = T	P		
Ford	Ka	2002 - 2002	1.3L ENDURA-E = 4	P		
Ford	Ka	2003 - 2006	1.3L OHV = 4	P		
Ford	Ka	1996 - 2001	1.3L SFI = 4	P		
Ford	Ka	2003 - 2008	1.3L SOHC = E	P		
Ford	Ka	2003 - 2006	1.6L SOHC = D	P		
Ford	Kuga	2008 - 2013	2.0L DURATORQ TDCI = 9	D	✓	✓
Ford	Mondeo	2007 - 2012	1.6L DURATEC = B	P		✓
Ford	Mondeo	2007 - 2009	1.8L DIESEL TDCI = 2	D		
Ford	Mondeo	2004 - 2006	1.8L DURATEC = H	P		
Ford	Mondeo	2002 - 2005	1.8L DURATEC-HE = H	P		
Ford	Mondeo	1999 - 2000	1.8L SFI = J	P		
Ford	Mondeo	2007 - 2012	1.8L TDCI = 1	D		
Ford	Mondeo	2007 - 2009	2.0L DIESEL TDCI = 4	D		
Ford	Mondeo	2001 - 2009	2.0L DIESEL TDCI = 9	D		
Ford	Mondeo	2004 - 2006	2.0L DURATEC = J	P		
Ford	Mondeo	2002 - 2005	2.0L DURATEC-HE = J	P		
Ford	Mondeo	2001 - 2009	2.0L DURATORQ TDCI = 7	D		
Ford	Mondeo	2001 - 2009	2.0L DURATORQ TDCI = 8	D		
Ford	Mondeo	2004 - 2006	2.2L DURATORQ TDCI = 4	D		

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Make	Model	Year Range	Engine	Fuel Type	New Model for 14.4	New Engine for 14.4
Ford	Mondeo	2007 - 2009	2.2L DURATORQ TDCI = 6	D		
Ford	Puma	2002 - 2004	1.7L ZETEC-S VCT = M	P		
Ford	Ranger	2006 - 2011	2.5L DIESEL TDCI = WL-T	D		
Ford	S-Max	2006 - 2010	1.8L DIESEL TDCI = 2	D		
Ford	S-Max	2006 - 2012	2.0L TDCI = 4	D		✓
Ford	Streetka	2002 - 2002	1.6L DURATEC = D	P		
Ford	Streetka	2003 - 2006	1.6L SOHC = D	P		
Ford	Transit	2000 - 2006	2.0L DIESEL = ABFA	D		
Ford	Transit	2000 - 2006	2.0L DIESEL = D3FA	D		
Ford	Transit	2000 - 2006	2.0L DIESEL = F3FA	D		
Ford	Transit	2006 - 2008	2.2L DIESEL TDCI = P8FA	D		
Ford	Transit	2002 - 2006	2.4L DIESEL TDCI = H9FA (EEC V)	D		✓
Ford	Transit	2006 - 2009	2.4L DIESEL TDCI = JXFA	D		
Ford	Transit	2006 - 2009	2.4L DIESEL TDCI = PHFA	D		
Ford	Transit Connect	2007 - 2009	1.8L DIESEL TDCI = R3PA	D		
Ford	Transit Connect	2002 - 2006	1.8L DURATORQ DI = BHPA	D		
Ford	Transit Connect	2002 - 2006	1.8L DURATORQ TDCI = HCPA	D		
Honda	Accord	1998 - 2003	1.8L = F18B2	P		
Honda	Accord	1998 - 2003	2.0L = F20B6	P		
Honda	Accord	2003 - 2008	2.0L 16V DOHC = K20A6	P		
Honda	Accord	2003 - 2008	2.0L 16V DOHC = K20Z2	P		
Honda	Accord	2003 - 2008	2.2L i-CTDi = N22A1	D		
Honda	Civic	2000 - 2006	1.4L = D14Z5	P		
Honda	Civic	1995 - 2001	1.5L = D15Z8	P		
Honda	Civic	1995 - 2001	1.6L = B16A2	P		
Honda	Civic	2000 - 2006	1.6L = D16V1	P		
Honda	Civic	2001 - 2006	1.7L CTDi = 4EE2	D		
Honda	Civic	1997 - 2001	1.8L = B18C4	P		
Honda	Civic	2006 - 2013	1.8L 16V = R18A1	P		
Honda	Civic	2010 - 2012	2.2L 16V T-DIESEL = N22B4	D		
Honda	Civic	2005 - 2013	2.2L i-CTDi = N22A2	D		
Honda	Civic IMA	2006 - 2011	1.4L 16V = LDA2	P		
Honda	CR-V	1999 - 2002	2.0L = B20Z1	P		
Honda	CR-V	2002 - 2007	2.0L 16V DOHC = K20A4	P		
Honda	CR-V	2007 - 2012	2.0L 16V DOHC = R20A2	P		
Honda	CR-V	2005 - 2007	2.2L i-CTDi = N22A2 (RD9)	D		
Honda	CR-V	2007 - 2010	2.2L i-CTDi = N22A2 (RE6)	D		
Honda	CRZ	2010 - 2013	1.5L 12V = LEA1	P		
Honda	FR-V	2005 - 2009	2.2L i-CTDi = N22A1	D		
Honda	HR-V	1999 - 2006	1.6L = D16W5	P		
Honda	HR-V	1999 - 2006	1.6L 16V MPI = D16W1	P		
Honda	Jazz	2001 - 2008	1.2L = L12A1	P		
Honda	Jazz	2001 - 2008	1.3L = L13A1	P		
Honda	S2000	1999 - 2009	2.0L 16V = F20C2	P		
Hyundai	Accent	2000 - 2006	1.3L SOHC = G4EA	P		
Hyundai	Amica	2000 - 2003	1.0L 12V SOHC = G4HC	P		
Hyundai	Atoz	2004 - 2009	1.1L 8V = G4HG	P		
Hyundai	Coupe	1996 - 2002	1.6L 16V DOHC = G4GR	P		
Hyundai	Coupe	2004 - 2010	1.6L DOHC = G4ED	P		
Hyundai	Getz	2002 - 2006	1.1L MPI = G4HG	P		
Hyundai	Getz	2003 - 2011	1.1L SOHC = G4HD	P		
Hyundai	i10	2008 - 2012	1.1L SOHC = G4HG	P		
Hyundai	i10	2008 - 2013	1.2L DOHC = G4LA	P		
Hyundai	i20	2008 - 2013	1.2L 16V = G4LA	P		
Hyundai	i20	2008 - 2013	1.4D CRDi = D4FC	D		
Hyundai	i20	2008 - 2013	1.4L 16V = G4FA	P		
Hyundai	i30	2007 - 2011	1.4L MPI = G4FA	P		
Hyundai	i30	2007 - 2010	1.6L CRDi = D4FB-HU1	D		
Hyundai	i30	2007 - 2012	1.6L CRDi = D4FB-LU2	D		
Hyundai	i30	2007 - 2011	1.6L MPI = G4FC	P		
Hyundai	iLoad	2007 - 2013	2.5L CRDi = D4CB	D		
Hyundai	ix20	2011 - 2013	1.6L CRDi 16V = D4FB	D		
Hyundai	ix35	2010 - 2013	1.7L CRDi = D4FD	D		
Hyundai	ix35	2010 - 2013	2.0L CRDi = D4HA	D		
Hyundai	Matrix	2001 - 2012	1.6L 16V = G4ED	P		
Hyundai	Santa Fe	2001 - 2008	2.0D 16V CRDi = D4EA	D		
Hyundai	Santa Fe	2001 - 2005	2.0L 16V DOHC = G4JP	P		
Hyundai	Santa Fe	2005 - 2010	2.2L CRDi = D4EB	D		
Hyundai	Trajet	2000 - 2006	2.0L DOHC = G4JP	P		
Hyundai	Tucson	2004 - 2012	2.0L 16V DOHC = G4GC	P		
Hyundai	Tucson	2005 - 2010	2.0L CRDi = D4EA	D		
Hyundai	Veloster	2011 - 2013	1.6L GDI = G4FD	P		
Jaguar	S-Type	1998 - 2008	3.0L MFI = FC	P		
Jaguar	X - Type	2001 - 2010	2.0L MFI = YB	P		
Jaguar	X - Type	2003 - 2008	2.0L TDCI = DH	D		
Jaguar	X - Type	2006 - 2010	2.2L TDCI = AF	D		
Jaguar	X - Type	2001 - 2010	2.5L MFI = XB	P		
Jaguar	XJ	1998 - 2001	3.2L 24V = AJ27	P		
Jaguar	XJ6	2003 - 2010	3.0L MFI = VB	P		
Jaguar	XJ6	1994 - 1997	3.2L 24V MPI = AJ16	P		
Jaguar	XJ8	1997 - 2003	3.2L MFI = AC	P		
Jaguar	XJ8	2003 - 2010	3.5L MFI = RB	P		
Jaguar	XK8	1999 - 2002	4.0L 20V MPI = AJ27	P		
Kia	Carens	2002 - 2007	1.8L 16V DOHC = T8	P		
Kia	Ceed	2006 - 2013	1.6L 16V DOHC = G4FC	P		
Kia	Ceed	2010 - 2013	1.6L CRDi = D4FB	D		
Kia	Magentis	2003 - 2006	2.0L 16V DOHC = G4JP	P		

# CTM Features

Make	Model	Year Range	Engine	Fuel Type	New Model for 14.4	New Engine for 14.4
Kia	Optima	2011 - 2013	1.7L 16V CRDI = D4FD	D		
Kia	Picanto	2011 - 2013	1.0L MFI = G3LA	P		
Kia	Picanto	2003 - 2012	1.1L 12V SOHC = G4HG	P		
Kia	Picanto	2011 - 2013	1.2L MFI = G4LA	P		
Kia	Pro Ceed	2007 - 2012	2.0L CRDI 16V = D4EA	D		
Kia	Rio	2011 - 2013	1.1L 12V = D3FA	D		
Kia	Rio	2011 - 2013	1.25L MFI = G4LA	P		
Kia	Rio	2002 - 2006	1.3L 8V SOHC = A3E	P		
Kia	Rio	2005 - 2012	1.4L 16V DOHC = G4EE	P		
Kia	Rio	2011 - 2013	1.4L MFI = G4FA	P		
Kia	Sedona	2001 - 2006	2.9L 16V CRDI = KJ	D		
Kia	Sorento	2009 - 2013	2.2L CRDi = D4HB	D		
Kia	Sorento	2006 - 2010	2.5L CRDi = D4CB	D		
Kia	Soul	2009 - 2013	1.6L 16V DOHC = G4FC	P		
Kia	Soul	2008 - 2012	1.6L CRDI = D4FB	D		
Kia	Sportage	2010 - 2013	1.7L CRDI = D4FD	D		
Kia	Sportage	2000 - 2004	2.0L 16V DOHC = FE	P		
Kia	Sportage	2004 - 2012	2.0L 16V DOHC = G4GC	P		
Kia	Sportage	2005 - 2010	2.0L CRDI = D4EA	D		
Kia	Venga	2009 - 2013	1.4L CRDi = D4FC	D		
Kia	Venga	2009 - 2013	1.6L CRDI = D4FB	D		
Land Rover	Defender	2007 - 2008	2.4L DIESEL = 244DT	D		
Land Rover	Defender	1999 - 2007	2.5L DIESEL TD5 = 10P	D		
Land Rover	Defender	1992 - 1998	2.5L TDI = 23L	D		
Land Rover	Discovery	1993 - 1999	2.5L TDI = 21L	D		
Land Rover	Discovery 2	1998 - 2000	2.5L DIESEL TD5 = 10P	D		
Land Rover	Discovery 2	2001 - 2005	2.5L DIESEL TD5 = 15P	D		
Land Rover	Discovery 2	1998 - 2005	4.0L MPI = 36D	P		
Land Rover	Discovery 3	2005 - 2009	2.7L V6 = 276DT	D		
Land Rover	Freelander	2000 - 2007	1.8L 16V MPI = 18K4F	P		
Land Rover	Freelander	2001 - 2006	2.0L TD = M47R	D		
Land Rover	Freelander	1998 - 2003	2.5L 24V MPI = 25K4FM	P		
Land Rover	Freelander 2	2007 - 2010	2.2L DIESEL = 224DT	D		
Land Rover	Freelander 2	2006 - 2013	2.2L TD4 = QJB2	D		
Land Rover	Freelander 2	2000 - 2006	2.5L 24V = 25KV6	P		
Land Rover	Range Rover	2002 - 2006	3.0L DIESEL = TD6	D		
Land Rover	Range Rover	2007 - 2010	3.6L TDV8 = 368DT	D		✓
Land Rover	Range Rover Evoque	2011 - 2013	2.2L TD = 22DDR	D		
Land Rover	Range Rover Sport	2005 - 2009	2.7L V6 = 276DT	D		
Land Rover	Range Rover Sport	2007 - 2010	3.6L TDV8 = 368DT	D		
Mercedes-Benz	A140	1997 - 2004	1.4L 8V = 166.940	P		
Mercedes-Benz	A180	2004 - 2010	2.0L CDi 16V = 640.940	D		
Mercedes-Benz	B150	2005 - 2010	1.5L 8V = 266.920	P		
Mercedes-Benz	C180	1996 - 2000	1.8L 16V = 111.921	P		
Mercedes-Benz	C180	2002 - 2008	1.8L KOMPRESSOR 16V = 271.946	P		
Mercedes-Benz	C180	2000 - 2002	2.0L 16V = 111.951	P		
Mercedes-Benz	C200	2002 - 2007	1.8L KOMPRESSOR 16V = 271.940	P		
Mercedes-Benz	C200	2001 - 2008	2.2L CDi 16V = 646.962	D		
Mercedes-Benz	C220	2000 - 2003	2.2L CDi 16V = 611.962	D		
Mercedes-Benz	CLK270	2002 - 2006	2.7L 20V = 612.967	P		
Mercedes-Benz	CLK320	2002 - 2006	3.2L 24V MPI = 112.955	P		
Mercedes-Benz	E200	2002 - 2006	1.8L CGI 16V = 271.941	P		
Mercedes-Benz	E200	2002 - 2007	1.8L SFI 16V = 271.941	P		
Mercedes-Benz	E200	2000 - 2003	2.0L KOMPRESSOR 16V = 111.957	P		
Mercedes-Benz	E200	2005 - 2010	2.2L CDi 16V = 646.821	D		
Mercedes-Benz	E220	1998 - 2003	2.2L CDi 16V (105kW) = 611.961	D		
Mercedes-Benz	E220	1998 - 2003	2.2L CDi 16V (92kW) = 611.961	D		
Mercedes-Benz	E220	2005 - 2010	2.2L CDi PF 16V = 646.821	D		
Mercedes-Benz	E240	1997 - 2003	2.4L 18V = 112.911	P		
Mercedes-Benz	E240	2000 - 2003	2.6L 18V = 112.914	P		
Mercedes-Benz	E270	2002 - 2005	2.7L 20V = 674.961	D		
Mercedes-Benz	E300	1996 - 1999	3.0L 24V = 606.962	P		
Mercedes-Benz	E320	1999 - 2003	3.2L CDi 24V = 613.961	D		
Mercedes-Benz	E320	2002 - 2005	3.2L CDi 24V = 648.961	D		
Mercedes-Benz	ML270	1999 - 2005	2.7L CDi 20V = 612.963	D		
Mercedes-Benz	S320	1998 - 2003	3.2L 18V = 112.944	P		
Mercedes-Benz	S320	1999 - 2003	3.2L CDi 24V = 613.960	D		
Mercedes-Benz	SL350	2002 - 2007	3.7L 18V = 112.973	P		
Mercedes-Benz	SLK200	2004 - 2008	1.8L 16V = 171.442	P		
Mercedes-Benz	SLK200	2006 - 2010	1.8L 16V = 271.954	P		
Mercedes-Benz	SLK230	1996 - 2000	2.3L 16V = 111.973	P		
Mercedes-Benz	Viano	2003 - 2010	2.2L CDi 16V (110KW) = 646.982	D		
Mercedes-Benz	Viano	2003 - 2010	2.2L CDi 16V (80KW) = 646.982	D		
Mercedes-Benz	Vito [111]	2003 - 2010	2.2L CDi 16V = 646.982	D		
Mercedes-Benz	Vito [112]	1999 - 2003	2.2L CDi 16V = 611.980	D		
Mercedes-Benz	Vito [115]	2003 - 2010	2.2L CDi 16V = 646.982	D		
Mini	Cooper [R50]	2001 - 2006	1.6L 16V MPI = W10B16A	P		
Mini	Cooper [R52]	2001 - 2006	1.6L 16V MPI = W10B16A	P		
Mini	Cooper [R57]	2007 - 2010	1.6L 16V MPI = N16B16A	P		
Mini	Cooper Clubman [R55]	2007 - 2010	1.6L 16V MPI = N12B16A	P		
Mini	Cooper D [R56]	2007 - 2010	1.6L 16V = W16D16 (9HZ)	D		
Mini	Cooper S [R50]	2001 - 2006	1.6L 16V MPI = W11B16A	P		
Mini	Cooper S [R56]	2006 - 2010	1.6L 16V MPI = N14B16A	P		
Mini	One [R50]	2001 - 2006	1.6L 16V MPI = W10B16A	P		
Mini	One [R52]	2001 - 2006	1.6L 16V MPI = W10B16A	P		
Mini	One [R56]	2006 - 2008	1.4L 16V MPI = N12B14A	P		
Mini	One [R57]	2006 - 2008	1.4L 16V MPI = N12B14A	P		

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Make	Model	Year Range	Engine	Fuel Type	New Model for 14.4	New Engine for 14.4
Mini	One D [R50]	2002 - 2006	1.4L 8V = W17D14 (1ND)	P		
Mini	One D [R53]	2002 - 2006	1.4L 8V = W17D14 (1ND)	P		
Opel/Vauxhall	Agila	2000 - 2005	1.0L SFI = Z10XE	P		
Opel/Vauxhall	Agila	2004 - 2007	1.0L SFI = Z10XEP	P		
Opel/Vauxhall	Agila	2000 - 2005	1.2L SFI = Z12XE	P		
Opel/Vauxhall	Agila	2004 - 2009	1.2L SFI = Z12XEP	P		
Opel/Vauxhall	Astra-F	1996 - 2002	1.6L CPI = X16SZR	P		
Opel/Vauxhall	Astra-F	1994 - 1998	2.0L SFI = X20XEV	P		
Opel/Vauxhall	Astra-G	2000 - 2005	1.2L SFI = Z12XE	P		
Opel/Vauxhall	Astra-G	2001 - 2005	1.4L SFI = Z14XE	P		
Opel/Vauxhall	Astra-G	1998 - 2001	1.6L CPI = X16SZR	P		
Opel/Vauxhall	Astra-G	2003 - 2005	1.6L SFI = Z16XEP	P		
Opel/Vauxhall	Astra-G	1998 - 2001	1.7L T-DIESEL = X17DTL	D		
Opel/Vauxhall	Astra-G	2000 - 2005	1.7L T-DIESEL = Y17DT	D		
Opel/Vauxhall	Astra-G	2000 - 2001	1.7L T-DIESEL = Y17DTL	D		
Opel/Vauxhall	Astra-G	2001 - 2005	1.8L SFI = Z18XE	P		
Opel/Vauxhall	Astra-G	1998 - 2001	2.0L SFI = X20XEV	P		
Opel/Vauxhall	Astra-G	1998 - 2003	2.0L T-DIESEL = X20DTL	D		
Opel/Vauxhall	Astra-G	2000 - 2005	2.0L T-DIESEL = Y20DTH	D		
Opel/Vauxhall	Astra-G	2001 - 2005	2.2L SFI = Z22SE	P		
Opel/Vauxhall	Astra-H	2004 - 2009	1.4L DOHC MFI = Z14XEP	P		
Opel/Vauxhall	Astra-H	2003 - 2008	1.6L 16V = Z16XEP	P		
Opel/Vauxhall	Astra-H	2004 - 2009	1.7L T-DIESEL = Z17DTH	D		
Opel/Vauxhall	Astra-H	2005 - 2011	1.8L 16V = Z18XER	P		
Opel/Vauxhall	Astra-H	2004 - 2011	1.9L T-DIESEL = Z19DTH	D		
Opel/Vauxhall	Astra-J	2009 - 2013	1.3L 16V DOHC = A13DTE	D		
Opel/Vauxhall	Astra-J	2009 - 2011	1.4L 16V TURBO = A14NET	P		
Opel/Vauxhall	Astra-J	2009 - 2013	1.6L 16V = A16XER	P		
Opel/Vauxhall	Astra-J	2009 - 2012	1.7L CDTI = A17DTJ	D		
Opel/Vauxhall	Calibra	1996 - 1997	2.0L SFI = X20XEV	P		
Opel/Vauxhall	Calibra	1997 - 1997	2.5L SFI = X25XE	P		
Opel/Vauxhall	Combo	2000 - 2005	1.7L 16V T-DIESEL = Y17DTL	D		
Opel/Vauxhall	Corsa-B	1997 - 2000	1.0L SFI = X10XE	P		
Opel/Vauxhall	Corsa-B	1996 - 2000	1.2L CPI = X12SZ	P		
Opel/Vauxhall	Corsa-C	2000 - 2005	1.0L SFI = Z10XE	P		
Opel/Vauxhall	Corsa-C	2004 - 2006	1.0L SFI = Z10XEP	P		
Opel/Vauxhall	Corsa-C	2000 - 2005	1.2L SFI = Z12XE	P		
Opel/Vauxhall	Corsa-C	2004 - 2005	1.2L SFI = Z12XEP	P		
Opel/Vauxhall	Corsa-C	2004 - 2005	1.4L SFI = Z14XEP	P		
Opel/Vauxhall	Corsa-C	2000 - 2005	1.7L T-DIESEL = Y17DT	D		
Opel/Vauxhall	Corsa-C	2001 - 2005	1.7L T-DIESEL = Y17DTL	D		
Opel/Vauxhall	Corsa-C	2004 - 2006	1.7L T-DIESEL = Z17DTH	D		
Opel/Vauxhall	Corsa-C	2001 - 2005	1.8L SFI = Z18XE	P		
Opel/Vauxhall	Corsa-D	2007 - 2009	1.2L 16V = Z12XEP	P		
Opel/Vauxhall	Corsa-D	2007 - 2009	1.3L 12V T-DIESEL = Z13DTJ	D		
Opel/Vauxhall	Corsa-D	2006 - 2013	1.3L CDTI = Z13DTH	D		
Opel/Vauxhall	Corsa-D	2006 - 2011	1.4L 16V = Z14XEP	P		
Opel/Vauxhall	Insignia	2009 - 2012	2.0L CDTI ECO FLEX = A20DTH	D		
Opel/Vauxhall	Meriva	2004 - 2010	1.4L SFI = Z14XEP	P		
Opel/Vauxhall	Meriva	2003 - 2005	1.7L T-DIESEL = Y17DT	D		
Opel/Vauxhall	Meriva	2004 - 2005	1.7L T-DIESEL = Z17DTH	D		
Opel/Vauxhall	Meriva	2003 - 2005	1.8L SFI = Z18XE	P		
Opel/Vauxhall	Movano	2005 - 2006	2.5L TURBO DIESEL = G9U 754	D		
Opel/Vauxhall	Omega-B	1996 - 2001	2.0L SFI = X20XEV	P		
Opel/Vauxhall	Omega-B	2000 - 2003	2.2L SFI = Z22XE	P		
Opel/Vauxhall	Omega-B	1996 - 2002	2.5L SFI = X25XE	P		
Opel/Vauxhall	Speedster	2001 - 2005	2.2L SFI = Z22SE	P		
Opel/Vauxhall	Tigra-B	2004 - 2010	1.4L MPI 16V = Z14XEP	P		
Opel/Vauxhall	Tigra-B	2004 - 2005	1.8L SFI = Z18XE	P		
Opel/Vauxhall	Vectra-B	1996 - 2003	1.6L CPI = X16SZR	P		
Opel/Vauxhall	Vectra-B	1996 - 2003	1.6L SFI = X16XEL	P		
Opel/Vauxhall	Vectra-B	2000 - 2003	1.8L SFI = Z18XE	P		
Opel/Vauxhall	Vectra-B	1996 - 2003	2.0L SFI = X20XEV	P		
Opel/Vauxhall	Vectra-B	1998 - 2003	2.0L T-DIESEL = X20DTH	D		
Opel/Vauxhall	Vectra-B	1997 - 2003	2.0L T-DIESEL = X20DTL	D		
Opel/Vauxhall	Vectra-B	2001 - 2003	2.0L T-DIESEL = Y20DTH	D		
Opel/Vauxhall	Vectra-B	2001 - 2003	2.2L SFI = Z22SE	P		
Opel/Vauxhall	Vectra-B	1996 - 2003	2.5L SFI = X25XE	P		
Opel/Vauxhall	Vectra-C	2003 - 2008	1.9L 16V T-DIESEL = Z19DT	D		
Opel/Vauxhall	Vectra-C	2003 - 2008	1.9L 16V T-DIESEL = Z19DTH	D		
Opel/Vauxhall	Vectra-C	2002 - 2008	2.2L 16V DOHC = Z22YH	P		
Opel/Vauxhall	Vivaro	2003 - 2006	1.9L T-DIESEL = F9Q760	D		
Opel/Vauxhall	Vivaro	2007 - 2009	2.0L T-DIESEL = M9R780	D		
Opel/Vauxhall	VX220	2001 - 2005	2.2L SFI = Z22SE	P		
Opel/Vauxhall	Zafira	2001 - 2005	1.8L SFI = Z18XE	P		
Opel/Vauxhall	Zafira	1999 - 2001	2.0L T-DIESEL = X20DTL	D		
Opel/Vauxhall	Zafira	2000 - 2005	2.0L T-DIESEL = Y20DTH	D		
Opel/Vauxhall	Zafira	2001 - 2005	2.2L SFI = Z22SE	P		
Opel/Vauxhall	Zafira-B	2007 - 2009	1.6L 16V DOHC = Z16XE1	P		
Opel/Vauxhall	Zafira-B	2005 - 2007	1.6L 16V DOHC = Z16XEP	P		
Opel/Vauxhall	Zafira-B	2007 - 2013	1.7L CDTI = Z17DTJ	D		
Peugeot	1007	2005 - 2008	1.4L MPI = KFV	P		
Peugeot	1007	2005 - 2009	1.4L MPI = KFW	P		
Peugeot	106 Restyle	2000 - 2003	1.4L MPI = KFW	P		
Peugeot	107	2005 - 2009	1.0L MPI = CFA	P		
Peugeot	206	2000 - 2005	1.1L MPI = HFX	P		
Peugeot	206	1998 - 2002	1.1L MPI = HFZ	P		



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Make	Model	Year Range	Engine	Fuel Type	New Model for 14.4	New Engine for 14.4
Peugeot	206	2003 - 2007	1.4L MPI = KFU	P		
Peugeot	206	2000 - 2005	1.4L MPI = KFW	P		
Peugeot	206	2001 - 2005	1.4L T-DIESEL = 8HX	D		
Peugeot	206	1999 - 2009	1.6L 16V MPI = NFU	P		
Peugeot	206	2005 - 2007	1.6L 16V T-DIESEL = 9HZ	D		
Peugeot	206	1998 - 2005	2.0L T-DIESEL = RHY	D		
Peugeot	207	2006 - 2008	1.4L MPI = KFU	P		
Peugeot	207	2006 - 2008	1.4L MPI = KFU	P		
Peugeot	207	2006 - 2010	1.4L T-DIESEL = 8HZ	D		
Peugeot	207	2007 - 2011	1.6L 16V MPI (88KW) = 5FW	P		
Peugeot	207	2004 - 2009	1.6L T-DIESEL = 9HZ	D		
Peugeot	3008	2009 - 2011	1.6L 12V T-DIESEL = 9HR	D		
Peugeot	306 Restyle	2000 - 2003	1.4L MPI = KFW	P		
Peugeot	306 Restyle	1998 - 2003	2.0L T-DIESEL = RHY	D		
Peugeot	307	2004 - 2008	1.4L MPI = KFU	P		
Peugeot	307	2001 - 2005	1.4L MPI = KFW	P		
Peugeot	307	2001 - 2005	1.4L T-DIESEL = 8HZ	D		
Peugeot	307	2001 - 2005	1.6L 16V = NFU (ME7.4.4)	P		
Peugeot	307	2004 - 2005	1.6L 16V = NFU (ME7.4.5)	P		
Peugeot	307	2004 - 2007	1.6L T-DIESEL = 9HZ	D		
Peugeot	307	2001 - 2005	2.0L 16V MPI = RFN	P		
Peugeot	307	2002 - 2005	2.0L T-DIESEL = RHS	D		
Peugeot	307	2001 - 2005	2.0L T-DIESEL = RHY	D		
Peugeot	308	2008 - 2009	1.4L 16V MPI = 8FS	P		
Peugeot	308	2007 - 2010	1.6L T-DIESEL = 9HX	D		
Peugeot	406	1995 - 2004	2.0L 16V MPI = RFV	P		
Peugeot	406	1998 - 2004	2.0L T-DIESEL = RHY	D		
Peugeot	407	2004 - 2011	1.6L T-DIESEL = 9HZ	D		
Peugeot	407	2004 - 2006	1.8L 16V MPI = 6FZ (Sagem S2000)	P		
Peugeot	407	2006 - 2008	2.0L 16V T-DIESEL = RHR	D		
Peugeot	407	2005 - 2011	2.2L 16V MPI = 3FY	P		
Peugeot	5008	2009 - 2011	1.6L T-DIESEL = 9HZ	D		
Peugeot	607	2000 - 2005	2.0L 16V MPI = RFN	P		
Peugeot	607	2003 - 2005	2.2L 16V T-DIESEL = 4HX	D		
Peugeot	Expert	2006 - 2009	1.6L T-DIESEL = 9HU	D		
Peugeot	Partner	2000 - 2005	1.4L MPI = KFW	P		
Peugeot	Partner	2005 - 2011	1.6L 16V T-DIESEL = 9HW	D		
Peugeot	Partner	2005 - 2008	1.6L 16V T-DIESEL = 9HX	D		
Peugeot	Partner	2000 - 2005	1.9L DIESEL = WJY	D		
Peugeot	Partner	1998 - 2005	2.0L T-DIESEL = RHY (SIEM. SID801)	D		
Renault	Clio	2001 - 2005	1.2L MPI = D4F712	P		
Renault	Clio	2003 - 2009	1.2L MPI = D4F722	P		
Renault	Clio	2004 - 2007	1.2L MPI = D4F740 (5NR)	P		
Renault	Clio	2007 - 2009	1.2L MPI = D4F740 (SIM32)	P		
Renault	Clio	2008 - 2010	1.2L MPI = D4F784	P		
Renault	Clio	2000 - 2005	1.2L MPI = D7F710	P		
Renault	Clio	1998 - 2009	1.2L MPI = D7F726	P		
Renault	Clio	1995 - 1998	1.2L MPI = D7F730	P		
Renault	Clio	2001 - 2003	1.2L MPI = D7F746	P		
Renault	Clio	2000 - 2001	1.4L MPI = K4J712	P		
Renault	Clio	2005 - 2006	1.4L MPI = K4J780	P		
Renault	Clio	2002 - 2006	1.5L DSL = K9K702	D		
Renault	Clio	2001 - 2009	1.5L DSL = K9K704	D		
Renault	Clio	2005 - 2009	1.5L DSL = K9K714	D		
Renault	Clio	2005 - 2010	1.5L DSL = K9K766	D		
Renault	Clio	2005 - 2006	1.5L DSL = K9K768	D		
Renault	Clio	2000 - 2007	1.6L 16V = K4M744	P		
Renault	Clio	2009 - 2010	1.6L MPI = K4M862	P		
Renault	Clio	2005 - 2008	1.6L MPI 16V = K4M801	P		
Renault	Clio	1998 - 2001	1.9L DSL = F8Q630	D		
Renault	Clio	2008 - 2010	2.0L 16V DOHC = F4R832	P		
Renault	Clio	2005 - 2009	2.0L DOHC 16V = F4R830	P		
Renault	Clio	2000 - 2004	2.0L MPI = F4R730	P		
Renault	Espace	2002 - 2007	1.9L T-DSL = F9Q820	D		
Renault	Espace	2002 - 2006	2.0L MPI = F4R790	P		
Renault	Espace	2000 - 2006	2.2L T-DSL = G9T742	D		
Renault	Kangoo	2002 - 2006	1.2L MPI = D4F712	P		
Renault	Kangoo	2005 - 2009	1.2L MPI = D4F730	P		
Renault	Kangoo	2004 - 2006	1.5L DSL = K9K702	D		
Renault	Kangoo	2007 - 2009	1.5L DSL = K9K714	D		
Renault	Kangoo	2008 - 2009	1.5L DSL = K9K802	D		
Renault	Kangoo	2001 - 2009	1.6L 16V = K4M753	P		
Renault	Kangoo	1999 - 2003	1.9L DSL = F8Q630	D		
Renault	Kangoo	2002 - 2006	1.9L T-DSL = F9Q790	D		
Renault	Koleos	2008 - 2011	2.0L 16V DCI = M9R832	D		
Renault	Laguna	2008 - 2010	1.5L T-DSL = K9K780	D		
Renault	Laguna	2005 - 2007	1.6L 16V MPI = K4M716	P		
Renault	Laguna	2001 - 2005	1.6L MPI = K4M710	P		
Renault	Laguna	2001 - 2005	1.8L 16V = F4P775	P		
Renault	Laguna	2001 - 2006	1.8L 16V MPI = F4P770	P		
Renault	Laguna	2001 - 2006	1.9L T-DSL = F9Q750	D		
Renault	Laguna	2005 - 2007	1.9L T-DSL = F9Q758	D		
Renault	Laguna	1999 - 2001	2.0L 16V DOHC MPI = F4R780	P		
Renault	Laguna	2007 - 2011	2.0L 16V DSL = M9R742	D		
Renault	Laguna	2010 - 2012	2.0L DOHC 16V = M9R820	D		
Renault	Megane	2000 - 2001	1.4L 16V DOHC = K4J750	P		
Renault	Megane	2002 - 2006	1.4L MPI = K4J730	P		

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Make	Model	Year Range	Engine	Fuel Type	New Model for 14.4	New Engine for 14.4
Renault	Megane	2003 - 2008	1.4L MPI = K4J740	P		
Renault	Megane	2008 - 2009	1.5L DSL = K9K832	D		
Renault	Megane	1999 - 2006	1.6L MPI = K4M700	P		
Renault	Megane	2003 - 2006	1.6L MPI = K4M760	P		
Renault	Megane	2008 - 2011	1.6L MPI = K4M858	P		
Renault	Megane	2002 - 2006	1.9L T-DSL = F9Q800	D		
Renault	Megane	2010 - 2011	2.0L DOHC 16V MPI = F4R874	P		
Renault	Megane	2002 - 2006	2.0L MPI = F4R770	P		
Renault	Megane	2000 - 2004	2.0L MPI 16V = F4R746	P		
Renault	Megane	2002 - 2008	2.0L MPI 16V = F4R774	P		
Renault	Modus	2004 - 2006	1.2L MPI = D4F740	P		
Renault	Modus	2007 - 2011	1.2L MPI = D4F784	P		
Renault	Modus	2004 - 2007	1.4L MPI = K4J770	P		
Renault	Modus	2004 - 2009	1.5L DSL = K9K766	D		
Renault	Modus	2004 - 2009	1.6L 16V DOHC MPI = K4M791	P		
Renault	Scenic	2003 - 2006	1.4L MPI = K4J730	P		
Renault	Scenic	1999 - 2003	1.4L MPI = K4J750	P		
Renault	Scenic	2004 - 2009	1.5L T-DSL = K9K732	D		
Renault	Scenic	2003 - 2008	1.6L 16V DOHC MPI = K4M813	P		
Renault	Scenic	2003 - 2004	1.6L MPI = K4M700	P		
Renault	Scenic	2004 - 2008	1.6L MPI = K4M782	P		
Renault	Scenic	2003 - 2009	2.0L 16V DOHC MPI = F4R771	P		
Renault	Trafic	2005 - 2006	1.9L T-DSL = F9Q760	D		
Renault	Twingo	2008 - 2010	1.2L MPI = D4F722	P		
Renault	Twingo	2006 - 2009	1.2L MPI = D4F780	P		
Renault	Twingo	2008 - 2009	1.6L MPI 16V = K4M854	P		
Renault	Wind	2009 - 2010	1.6L MPI 16V = K4M854	P		
Seat	Alhambra	2006 - 2010	1.9L TDI = BVK	D		
Seat	Alhambra	2000 - 2007	1.9L TDI PD = AUJ	D		
Seat	Altea	2005 - 2010	1.6L 8V OHC = BSE	P		
Seat	Altea	2004 - 2011	2.0L TDI-PD = BKD	D		
Seat	Cordoba	2006 - 2008	1.2L MPI = BXV	P		
Seat	Cordoba	1999 - 2003	1.4L MPI = AKK	P		
Seat	Cordoba	2003 - 2007	1.4L MPI = BBZ	P		
Seat	Cordoba	1999 - 2003	1.9L SDI = AQM	D		
Seat	Exeo	2009 - 2012	2.0L TDI-CR = CAGA	D		
Seat	Ibiza	2000 - 2002	1.0L MPI = AUC	P		
Seat	Ibiza	2005 - 2008	1.2L 12V = BME	P		
Seat	Ibiza	2009 - 2012	1.2L 12V = CGPA	P		
Seat	Ibiza	2002 - 2007	1.2L MPI = AZQ	P		
Seat	Ibiza	2008 - 2010	1.4L MFI 16V = BXW	P		
Seat	Ibiza	2005 - 2009	1.4L TDI PD = BMS	D		
Seat	Leon	2010 - 2012	1.2L TSI = CBZB	P		
Seat	Leon	2002 - 2005	1.4L MPI = BCA	P		
Seat	Leon	2005 - 2010	1.6L MFI = BSE	P		
Seat	Leon	2009 - 2012	1.6L TDI-CR = CAYC	D		
Seat	Leon	2006 - 2009	2.0L TDI-FR = BMN	D		
Seat	Leon	2009 - 2012	2.0L TDI-FR = CEGA	D		
Seat	Leon	2009 - 2011	2.0L TSI = CCZB	P		
Seat	Toledo	2004 - 2009	1.6L 8V = BGU	P		
Seat	Toledo	1999 - 2001	1.9L SDI = AQM	D		
Seat	Toledo	2004 - 2009	1.9L TDI = BJB	D		
Skoda	Citigo	2012 - 2013	1.0L MPI = CHY	P		
Skoda	Fabia	2013 - 2014	1.2L 12V = CGPB	P		
Skoda	Fabia	2003 - 2005	1.2L MPI = AZQ	P		
Skoda	Fabia	2007 - 2010	1.2L MPI = BBM	P		
Skoda	Fabia	2004 - 2007	1.2L MPI = BME	P		
Skoda	Fabia	2010 - 2012	1.2L TDI-CR = CFWA	D		
Skoda	Fabia	2010 - 2012	1.2L TSI = CBZA	P		
Skoda	Fabia	1999 - 2003	1.4L MPI = AQW	P		
Skoda	Fabia	2007 - 2010	1.4L MPI = BXW	P		
Skoda	Fabia	2007 - 2010	1.4L TDI = BMS	D		
Skoda	Fabia	2006 - 2010	1.4L TDI-PD = BNV	D		
Skoda	Fabia	2010 - 2012	1.4L TSI = CAVE	P		
Skoda	Fabia	2010 - 2012	1.6L TDI-CR = CAYB	D		
Skoda	Fabia	2010 - 2012	1.6L TDI-CR = CAYC	D		
Skoda	Fabia	2007 - 2010	1.9L TDI = BSW	D		
Skoda	Fabia	2003 - 2007	1.9L TDI-PD = ASZ	D		
Skoda	Octavia	2001 - 2003	1.4L MPI = AXP	P		
Skoda	Octavia	1997 - 2007	1.6L MPI = AKL	P		
Skoda	Octavia	2001 - 2005	1.8L MPI TURBO = AUQ	P		
Skoda	Octavia II	2004 - 2009	1.4L 16V MPI = BCA	P		
Skoda	Octavia II	2007 - 2009	1.4L 16V MPI = BUD	P		
Skoda	Octavia II	2008 - 2012	1.4L TSI = CAXA	P		
Skoda	Octavia II	2009 - 2012	1.6L TDI-PD = CAYC	D		
Skoda	Octavia II	2006 - 2007	1.9L TDI-PI = BXE	D		
Skoda	Octavia II	2006 - 2007	2.0L TDI-PD = BMN	D		
Skoda	Octavia II	2006 - 2007	2.0L TDI-PI = BMM	D		
Skoda	Rapid	2013 - 2014	1.2L TSI = CBZA	P		
Skoda	Roomster	2010 - 2012	1.2L TSI = CBZA	P		
Skoda	Roomster	2006 - 2012	1.4L 16V MPI = BXW	P		
Skoda	Roomster	2006 - 2010	1.4L TDI-PD = BNV	D		
Skoda	Roomster	2006 - 2011	1.6L 16V MPI = BTS	P		
Skoda	Roomster	2010 - 2012	1.6L TDI = CAYC	D		
Skoda	Superb	2002 - 2005	1.9L TDI-PD = AVB	D		
Skoda	Superb	2008 - 2011	2.0L TDI-CR = CBBB	D		
Skoda	Superb	2010 - 2012	2.0L TDI-CR = CFGB	D		

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Make	Model	Year Range	Engine	Fuel Type	New Model for 14.4	New Engine for 14.4
Skoda	Superb	2008 - 2010	2.0L TDI-PD = BMP	D		
Skoda	Yeti	2009 - 2012	1.2L TSI = CBZB	P		
Skoda	Yeti	2010 - 2012	2.0L TDI CR = CFHA	P		
Smart	Fortwo 450 Cabrio	1998 - 2004	0.6L (40KW) = 160.910	P		
Smart	Fortwo 450 Cabrio	1998 - 2004	0.6L (45KW) = 160.910	P		
Smart	Fortwo 450 Cabrio	1998 - 2004	0.6L (52KW) = 160.910	P		
Smart	Fortwo 450 Cabrio	2003 - 2004	0.7L 6V (45KW) = 160.920	P		
Smart	Fortwo 450 Cabrio	2004 - 2007	0.7L 6V (55KW) = 160.920	P		
Smart	Fortwo 450 Coupe	1998 - 2004	0.6L (33KW) = 160.910	P		
Smart	Fortwo 450 Coupe	1998 - 2004	0.6L (40KW) = 160.910	P		
Smart	Fortwo 450 Coupe	1998 - 2004	0.6L (45KW) = 160.910	P		
Smart	Fortwo 450 Coupe	1998 - 2004	0.6L (52KW) = 160.910	P		
Smart	Fortwo 450 Coupe	2004 - 2007	0.7L 6V (37KW) = 160.920	P		
Smart	Fortwo 450 Coupe	2003 - 2004	0.7L 6V (45KW) = 160.920	P		
Smart	Fortwo 450 Coupe	2004 - 2007	0.7L 6V (55KW) = 160.920	P		
Smart	Fortwo 451 Cabrio	2007 - 2010	1.0L 12V = 132.910	P		
Smart	Fortwo 451 Coupe	2007 - 2010	1.0L 12V (45KW) = 132.910	P		
Smart	Fortwo 451 Coupe	2007 - 2010	1.0L 12V (52KW) = 132.910	P		✓
Smart	Roadster	2003 - 2006	0.7L 6V = 160.922	P		
Volkswagen	Beetle	2002 - 2003	1.4L MPI = BCA	P		
Volkswagen	Beetle	2002 - 2011	1.6L 8V OHC MPI = BFS	P		
Volkswagen	Beetle	2003 - 2003	1.9L TDI = AGR	D		
Volkswagen	Beetle	2001 - 2003	1.9L TDI = ATD	D		
Volkswagen	Beetle	1998 - 2003	2.0L MPI = AQY	P		
Volkswagen	Beetle	2002 - 2003	2.0L MPI = AZJ	P		
Volkswagen	Bora	1999 - 2001	1.4L MPI = APE	P		
Volkswagen	Bora	2002 - 2003	1.4L MPI = BCA	P		
Volkswagen	Bora	1999 - 2005	1.6L MPI = AEH	P		
Volkswagen	Bora	1998 - 2005	1.6L MPI = AKL	P		
Volkswagen	Bora	2000 - 2003	1.6L MPI = AUS	P		
Volkswagen	Bora	2002 - 2005	1.6L MPI = BCB	P		
Volkswagen	Bora	2000 - 2003	1.8L MPI TURBO = AGU	P		
Volkswagen	Bora	2000 - 2005	1.8L MPI TURBO = AUM	P		
Volkswagen	Bora	1998 - 2003	1.9L TDI = AGR	D		
Volkswagen	Bora	1998 - 2003	1.9L TDI = AHF	D		
Volkswagen	Bora	1999 - 2003	1.9L TDI = AJM	D		
Volkswagen	Bora	1999 - 2003	1.9L TDI = ARL	D		
Volkswagen	Bora	2001 - 2005	1.9L TDI = ASZ	D		
Volkswagen	Bora	2000 - 2003	1.9L TDI = ATD	D		
Volkswagen	Bora	2006 - 2007	1.9L TDI-PI = BKC	D		
Volkswagen	Bora	2006 - 2007	1.9L TDI-PI = BLS	D		
Volkswagen	Bora	1999 - 2003	2.0L MPI = AQY	P		
Volkswagen	Bora	2001 - 2003	2.0L MPI = AZJ	P		
Volkswagen	Caddy	1999 - 2003	1.4L MPI = APE	P		
Volkswagen	Caddy	1997 - 2003	1.4L MPI = APQ	P		
Volkswagen	Caddy	1999 - 2003	1.4L MPI = AUA	P		
Volkswagen	Caddy	1999 - 2003	1.4L MPI = AUD	P		
Volkswagen	Caddy	2003 - 2003	1.4L MPI = BBY	P		
Volkswagen	Caddy	2006 - 2007	1.9L TDI = BKC	D		
Volkswagen	Caddy	2006 - 2007	1.9L TDI-PI = BLS	D		
Volkswagen	Caddy	2005 - 2010	2.0L 8V = BST	P		
Volkswagen	Eos	2006 - 2009	2.0L FSI = BWA	P		
Volkswagen	Fox	2005 - 2009	1.2L MPI = BMD	P		
Volkswagen	Fox	2006 - 2007	1.4L TDI = AMF	D		
Volkswagen	Golf	2006 - 2008	1.4L 16V = BUD	P		
Volkswagen	Golf	1998 - 2003	1.4L MPI = APE	P		
Volkswagen	Golf	1997 - 1998	1.4L MPI = APQ	P		
Volkswagen	Golf	1999 - 2000	1.4L MPI = AUA	P		
Volkswagen	Golf	2002 - 2003	1.4L MPI = BCA	P		
Volkswagen	Golf	2003 - 2007	1.6L FSI = BAG	P		
Volkswagen	Golf	1998 - 2007	1.6L MPI = AEH	P		
Volkswagen	Golf	1998 - 2007	1.6L MPI = AKL	P		
Volkswagen	Golf	1999 - 2003	1.6L MPI = AUS	P		
Volkswagen	Golf	2002 - 2007	1.6L MPI = BCB	P		
Volkswagen	Golf	2008 - 2013	1.6L TDI-CR = CAYB	D		
Volkswagen	Golf	1998 - 2003	1.8L MPI TURBO = AGU	P		
Volkswagen	Golf	2000 - 2007	1.8L MPI TURBO = AUM	P		
Volkswagen	Golf	1998 - 2003	1.9L TDI = AGR	D		
Volkswagen	Golf	1997 - 2003	1.9L TDI = AHF	D		
Volkswagen	Golf	1998 - 2003	1.9L TDI = AJM	D		
Volkswagen	Golf	1997 - 2005	1.9L TDI = ALH	D		
Volkswagen	Golf	1999 - 2003	1.9L TDI = ARL	D		
Volkswagen	Golf	2001 - 2007	1.9L TDI = ASZ	D		
Volkswagen	Golf	2000 - 2003	1.9L TDI = ATD	D		
Volkswagen	Golf	2005 - 2007	1.9L TDI = BKC	D		
Volkswagen	Golf	2005 - 2007	1.9L TDI = BRU	D		
Volkswagen	Golf	2006 - 2007	1.9L TDI-PI = BLS	D		
Volkswagen	Golf	2006 - 2007	1.9L TDI-PI = BXE	D		
Volkswagen	Golf	2006 - 2007	1.9L TDI-PI = BXF	D		
Volkswagen	Golf	2005 - 2009	2.0L FSI = BWA	P		
Volkswagen	Golf	1998 - 2003	2.0L MPI = AQY	P		
Volkswagen	Golf	2002 - 2003	2.0L MPI = AZJ	P		
Volkswagen	Golf	2005 - 2007	2.0L MPI = BLX	P		
Volkswagen	Golf	2004 - 2009	2.0L SDI = BDK	D		

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Make	Model	Year Range	Engine	Fuel Type	New Model for 14.4	New Engine for 14.4
Volkswagen	Golf	2008 - 2011	2.0L TDI CR = CBBB	D		
Volkswagen	Golf	2004 - 2008	2.0L TDI-PD = BKD	D		
Volkswagen	Jetta	2005 - 2011	1.6L 16V MPI = BSE	P		
Volkswagen	Jetta	2006 - 2010	1.9L TDI-PD = BXE	D		
Volkswagen	Jetta	2006 - 2007	1.9L TDI-PI = BKC	D		
Volkswagen	Jetta	2006 - 2007	1.9L TDI-PI = BLS	D		
Volkswagen	LT	2001 - 2003	2.5L TDI = BBF	D		
Volkswagen	Lupo	1999 - 2007	1.0L MPI = AUC	P		
Volkswagen	Lupo	1999 - 2003	1.4L MPI = APE	P		
Volkswagen	Lupo	2000 - 2003	1.4L MPI = AUA	P		
Volkswagen	Lupo	2000 - 2007	1.4L MPI = AUD	P		
Volkswagen	Lupo	2002 - 2007	1.4L MPI = BBY	P		
Volkswagen	Lupo	1999 - 2007	1.4L TDI = AMF	D		
Volkswagen	Passat	2005 - 2008	1.6L 16V DOHC = BLF	P		
Volkswagen	Passat	2010 - 2013	1.6L TDI-CR = CAYC	D		
Volkswagen	Passat	2001 - 2007	1.8L MPI TURBO = AWT	P		
Volkswagen	Passat	1999 - 2001	1.9L TDI = AJM	D		
Volkswagen	Passat	2000 - 2001	1.9L TDI = ATJ	D		
Volkswagen	Passat	2000 - 2005	1.9L TDI = AVB	D		
Volkswagen	Passat	2000 - 2005	1.9L TDI = AVF	D		
Volkswagen	Passat	2000 - 2003	1.9L TDI = AWX	D		
Volkswagen	Passat	2006 - 2007	1.9L TDI = BKC	D		
Volkswagen	Passat	2006 - 2007	1.9L TDI-PI = BLS	D		
Volkswagen	Passat	2002 - 2007	2.0L MPI = ALT	P		
Volkswagen	Passat	2006 - 2007	2.0L MPI = BLX	P		
Volkswagen	Passat	2010 - 2013	2.0L TDI CR = CFFB	D		
Volkswagen	Passat	2008 - 2011	2.0L TDI-CR = CBDC	D		
Volkswagen	Passat	2005 - 2008	2.0L TDI-PD = BKP	D		
Volkswagen	Passat	2003 - 2005	2.5L TDI = BDG	D		
Volkswagen	Polo	1999 - 2003	1.0L MPI = AUC	P		
Volkswagen	Polo	2009 - 2012	1.2L 12V = CGPA	P		
Volkswagen	Polo	2002 - 2007	1.2L MPI = AZQ	P		
Volkswagen	Polo	2002 - 2009	1.2L MPI = BMD	P		
Volkswagen	Polo	2005 - 2007	1.2L MPI = BME	P		
Volkswagen	Polo	1999 - 2003	1.4L MPI = APE	P		
Volkswagen	Polo	1998 - 2003	1.4L MPI = APQ	P		
Volkswagen	Polo	1999 - 2003	1.4L MPI = AUA	P		
Volkswagen	Polo	1999 - 2003	1.4L MPI = AUD	P		
Volkswagen	Polo	2002 - 2004	1.4L MPI = BBY	P		
Volkswagen	Polo	2005 - 2007	1.4L MPI = BKY	P		
Volkswagen	Polo	1998 - 2004	1.4L TDI = AMF	D		
Volkswagen	Polo	2006 - 2007	1.4L TDI-PD = BNV	D		
Volkswagen	Polo	1999 - 2003	1.6L MPI = AEH	P		
Volkswagen	Polo	1999 - 2003	1.6L MPI = AKL	P		
Volkswagen	Polo	2009 - 2012	1.6L TDI CR = CAYA	D		
Volkswagen	Polo	2009 - 2014	1.6L TDI-CR = CAYB	D		✓
Volkswagen	Polo	1996 - 2002	1.9L SDI = AEY	D		
Volkswagen	Polo	1999 - 2003	1.9L TDI = AGR	D		
Volkswagen	Polo	2004 - 2004	1.9L TDI = ASZ	D		
Volkswagen	Polo	2002 - 2003	1.9L TDI = ATD	D		
Volkswagen	Polo Classic	1999 - 2003	1.4L MPI = APE	P		
Volkswagen	Polo Classic	1998 - 2001	1.4L MPI = APQ	P		
Volkswagen	Polo Classic	1999 - 2003	1.4L MPI = AUA	P		
Volkswagen	Polo Classic	1999 - 2003	1.4L MPI = AUD	P		
Volkswagen	Polo Classic	1999 - 2003	1.6L MPI = AEH	P		
Volkswagen	Polo Classic	1999 - 2003	1.6L MPI = AKL	P		
Volkswagen	Polo Classic	1999 - 2003	1.9L TDI = AGR	D		
Volkswagen	Scirocco	2010 - 2012	2.0L TDI-CR = CFHB	D		
Volkswagen	Sharan	1996 - 1998	1.8L MPI TURBO = AGU	P		
Volkswagen	Sharan	1999 - 2003	1.9L TDI = ANU	D		
Volkswagen	Sharan	2003 - 2007	1.9L TDI = ASZ	D		
Volkswagen	Sharan	1999 - 2000	1.9L TDI = AVG	D		
Volkswagen	Sharan	2000 - 2007	1.9L TDI = BVK	D		
Volkswagen	Sharan	2000 - 2003	2.8L MPI = AYL	P		
Volkswagen	Touran	2003 - 2010	1.6L 8V = BGU	P		
Volkswagen	Touran	2003 - 2007	1.6L MPI = BSE	P		
Volkswagen	Touran	2003 - 2009	1.9L TDI = AVQ	D		
Volkswagen	Touran	2004 - 2007	1.9L TDI = BKC	D		
Volkswagen	Touran	2005 - 2007	1.9L TDI = BRU	D		
Volkswagen	Touran	2003 - 2008	1.9L TDI = BXF	D		
Volkswagen	Touran	2006 - 2007	1.9L TDI-PI = BLS	D		
Volkswagen	Touran	2006 - 2007	1.9L TDI-PI = BXE	D		
Volkswagen	Touran	2005 - 2007	2.0L MPI = BLX	P		
Volkswagen	Transporter	2002 - 2009	1.9L TDI = AXC	D		
Volkswagen	Transporter	2002 - 2007	2.5L TDI = AXD	D		
Volkswagen	Vento	2006 - 2007	1.9L TDI-PI = BKC	D		
Volkswagen	Vento	2006 - 2007	1.9L TDI-PI = BLS	D		
Volvo	C30	2006 - 2012	1.6L 16V = B4164S3	P		
Volvo	C30	2010 - 2012	1.6L TURBO DIESEL = D4162T	D		
Volvo	C30	2010 - 2012	2.0L TURBO DIESEL = D5204T	D		
Volvo	S40	2004 - 2011	1.6L TURBO DIESEL = D4164T	D		
Volvo	S40	2004 - 2010	1.8L 16V = B4184S8	P		
Volvo	S40	2000 - 2004	1.8L 16V = B4184S2	P		
Volvo	S40	2004 - 2010	2.0L TURBO DIESEL = D4204T	D		
Volvo	S60	2000 - 2010	2.0L TURBO = B5204T5	P		
Volvo	S60	2010 - 2012	2.4L TURBO DIESEL = D5244T10	D		
Volvo	S80	2010 - 2012	2.0L TURBO DIESEL = D5204T2	D		



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Make	Model	Year Range	Engine	Fuel Type	New Model for 14.4	New Engine for 14.4
Volvo	S80	2006 - 2009	2.4L TURBO DIESEL = D5244T5	D		
Volvo	V50	2010 - 2012	1.6L TURBO DIESEL = D4162T	D		
Volvo	V50	2004 - 2011	1.6L TURBO DIESEL = D4164T	D		
Volvo	V50	2004 - 2010	2.0L TURBO DIESEL = D4204T	D		
Volvo	V50	2010 - 2012	2.0L TURBO DIESEL = D5204T5	D		
Volvo	V70	2010 - 2012	2.0L TURBO DIESEL = D5204T2	D		
Volvo	V70	2005 - 2009	2.4L TURBO DIESEL = D5244T4	D		
Volvo	XC60	2010 - 2012	2.4L TURBO DIESEL = D5244T10	D		
Volvo	XC90	2002 - 2006	2.4L TURBO DIESEL = D5244T	D		

## 14.4 Technology Classes

TECHNOLOGY CLASS NAME	NEW	EXISTING
10 Minute Battery Drain Test Class		✓
10 Minute Class On Fuel Additive Versus Urea Solution		✓
10 Minute Electronic Parking Assistance Class		✓
10 Minute Electronics Class		✓
10 Minute High Intensity Discharge Lighting Class		✓
10 Minute Lin Bus Class		✓
10 Minute Priority Lighting Class		✓
15 Minute Immobiliser Function Class	✓	
15 Minute Air Conditioning Class		✓
15 Minute Electric Windows Class		✓
15 Minute Hybrid Vehicle Class		✓
15 Minute Ignition Class		✓
15 Minute Mapped Cooling System Class		✓
15 Minute Supplementary Restraint System Class		✓
15 Minute Tyre Pressure Monitoring System Class		✓
15 Minute Voltage Drop Diagnosis Class		✓

TECHNOLOGY CLASS NAME	NEW	EXISTING
15 Minute Waveform Class		✓
20 Minute Anti Lock Braking Class		✓
20 Minute Brake Electronics Class		✓
20 Minute CAN Bus Class		✓
20 Minute Common Rail Diesel Injection Class		✓
20 Minute Current Ramp Class		✓
20 Minute Diesel Particle Filter Class		✓
20 Minute Smart Charge Class		✓
Advanced Component Descriptions		✓
Electrical Theory Explained		✓
Illustrated Terms & Definitions		✓
No-Start Basics		✓
O <sub>2</sub> Sensor Info And Test Tips		✓
Test Tips		✓
Vehicle Related Diagnostic Case Studies		✓
Warnings And Safety		✓

# CTM Component Coverage

VEHICLE COMPONENTS SUPPORTED	Alfa Romeo	Audi	BMW	Citroen	Fiat	Ford	Honda	Hyundai	Jaguar	Kia	Land Rover	Mercedes-Benz	Mini	Opel/Vauxhall	Peugeot	Renault	Seat	Skoda	Smart	Volkswagen	Volvo
Accelerator Pedal Position Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Barometric Pressure Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Brake Pedal Position Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Camshaft Position Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Continuously Variable Valve Timing Solenoid	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Crankshaft Position Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Data Link Connector	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Diesel Electronic Throttle Control Motor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Diesel Electronic Throttle Control Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Electronic Control Module	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Engine Coolant Temperature Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Evaporative Emissions Purge Solenoid	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Exhaust Gas Recirculation Control Solenoid Valve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Exhaust Gas Recirculation Lift Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Exhaust Gas Temperature Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Exhaust Pressure Differential Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fuel Inlet Metering Valve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fuel Pump	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fuel Rail Pressure Control Valve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fuel Rail Pressure Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fuel Supply Pressure Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fuel Temperature Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Heated Exhaust Gas Oxygen Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Idle Air Control Valve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ignition Coil	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ignition Control Module							✓														
Injection Pump Timing Solenoid		✓		✓		✓								✓		✓	✓			✓	✓
Injector	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Injector Needle Lift Sensor		✓		✓		✓								✓		✓	✓			✓	✓
Injector Pump Stop Solenoid				✓		✓									✓		✓			✓	✓
Intake Air Temperature Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Intake Manifold Runner Control Position Sensor		✓	✓				✓	✓		✓							✓	✓		✓	✓
Intake Manifold Runner Control Solenoid Valve	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓		✓	✓	✓		✓	✓
Key Card Reader																✓					
Knock Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Manifold Absolute Pressure Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mass Airflow Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Power Steering Pressure Switch		✓		✓		✓	✓	✓	✓	✓				✓	✓	✓	✓	✓		✓	✓
Third Piston Shut Off Solenoid				✓								✓			✓						
Throttle Position Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓		✓			✓
Throttle Positioner Motor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Throttle Positioner Motor Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Top Dead Centre Identification Sensor							✓														
Turbo Boost Control Solenoid Valve	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓		✓	✓
Turbo Boost Pressure Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Turbo Boost Vane Position Sensor	✓	✓	✓	✓	✓	✓	✓			✓	✓			✓		✓	✓	✓		✓	✓
Vehicle Speed Sensor	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\* Some components may not be supported by individual manufacturers.

# Fast-Track® Troubleshooter

(Refer to key for guidance on codes)

ALFA			Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years	Engine Code							
145/146	1994 - 2001	335.01, 335.01, 335.03, 335.03	1.4L	•	•	•	•	•	•
145/146	1994 - 2001	332.01, 321.02, 321.02, 332.01, 332.01, 676.01, 676.01	1.6L	•	•	•	•	•	•
145/146	1994 - 1997	334.01, 334.01	1.7L	•	•	•	•	•	•
145/146	1996 - 2001	322.01, 671.06, 671.06, 322.01	1.8L	•	•	•	•	•	•
145/146	1994 - 2001	336.01, 323.02, 336.01, 675.01	1.9L	•	•	•	•	•	•
145/146	1996 - 2001	323.01, 323.01, 672.04, 672.04, 323.01, 672.04	2.0L	•	•	•	•	•	•
147	2000 - 2009	321.04, 372.03	1.6L	•	•	•	•	•	•
147	2000 - 2009	192.A5.000, 371.01, 937.A3.000, 182.B9.000, 182.B9.000, 371.01, 937.A2.000, 937.A2.000, 937.A4.000, 937.A5.000	1.9L	•	•	•	•	•	•
147	2000 - 2009	323.10, 937.A1.000	2.0L	•	•	•	•	•	•
147	2002 - 2004	932.A.000	3.2L	•	•	•	•	•	•
155	1995 - 1997	676.01	1.6L	•	•	•	•	•	•
155	1992 - 1997	671.03, 671.03, 671.05, 671.05	1.7L	•	•	•	•	•	•
155	1992 - 1997	671.02, 671.02, 671.06, 671.01	1.8L	•	•	•	•	•	•
155	1993 - 1997	336.01, 675.01, 336.01	1.9L	•	•	•	•	•	•
155	1992 - 1997	672.01, 672.04, 672.04, 672.02, 672.02, 672.03	2.0L	•	•	•	•	•	•
155	1992 - 1997	673.01, 673.02, 673.03, VM07B, VM31B, VM31B, 673.01, 673.02, 673.03, VM07B	2.5L	•	•	•	•	•	•
156	1996 - 2006	321.02, 321.02, 321.04, 676.01, 321.03, 676.01	1.6L	•	•	•	•	•	•
156	1996 - 2006	322.01, 322.01, 322.05	1.8L	•	•	•	•	•	•
156	1997 - 2006	182.B9.000, 182.B9.000, 371.01, 937.A4.000, 192.A5.000, 192.B1.000, 323.02, 937.A2.000, 937.A5.000	1.9L	•	•	•	•	•	•
156	1997 - 2006	323.01, 323.01, 323.01, 323.10, 932.A2.000, 937.A1.000	2.0L	•	•	•	•	•	•
156	1997 - 2006	841.C.000, 841.C.000, 841.C.000, 841.M.000, 325.01, 839.A6.000, 841.C.000, 841.G.000	2.4L	•	•	•	•	•	•
156	1997 - 2006	324.05, 324.05, 324.01, 324.01	2.5L	•	•	•	•	•	•
156	2001 - 2004	932.A.000	3.2L	•	•	•	•	•	•
164	1987 - 1999	64.16, 64.20, 64.76, 641.01, 641.02, 641.03, 641.03	2.0L	•	•	•	•	•	•
164	1987 - 1998	VM32B, VM08B, VM08B, VM32B, VM84A	2.5L	•	•	•	•	•	•
164	1987 - 1999	64.12, 64.10, 643.01, 643.04, 643.04, 643.05, 643.06, 643.07, 643.08, 663.01, 663.01, 663.03, 663.03, 663.04, 643.03, 643.04, 643.04, 643.05, 643.05, 643.06, 643.06, 643.07, 643.08, 643.08, 663.01, 663.02, 663.02, 663.02, 663.03, 663.03, 663.04	3.0L	•	•	•	•	•	•
166	1998 - 2007	341.02, 341.03, 363.01	2.0L	•	•	•	•	•	•
166	1998 - 2007	342.02, 841.G.000, 839.A6.000, 839.A6.000, 841.C.000, 841.C.000, 841.C.000, 841.H.000	2.4L	•	•	•	•	•	•
166	1998 - 2002	342.01, 342.01, 362.01, 362.01	2.5L	•	•	•	•	•	•
166	1998 - 2007	343.02, 343.01, 343.01, 343.02, 361.01, 361.01	3.0L	•	•	•	•	•	•
166	2003 - 2007	936.A.000	3.2L	•	•	•	•	•	•
200vi	1995 - 1999	18K4	1.8L	•	•	•	•	•	•
211	1998 - 1999	11K8	1.1L	•	•	•	•	•	•

(Refer to key for guidance on codes)

ALFA			Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years	Engine Code							
213	1987 - 1989	EV2	1.3L	•	•	•	•	•	•
214	1995 - 1999	14K2, 14K4F, 14K2, 14K4C, 14K4D, 14K4F	1.4L	•	•	•	•	•	•
214/414	1989 - 1994	14K4, 14K4C, 14K4C, 14K4F, 14K2D, 14K4C, 14K4D, 14K8	1.4L	•	•	•	•	•	•
216	1995 - 1999	16K4, D16..	1.6L	•	•	•	•	•	•
216 COUPE	1996 - 1999	16K4	1.6L	•	•	•	•	•	•
216/416	1987 - 1996	16H, 16H, D16..	1.6L	•	•	•	•	•	•
218	1991 - 1999	18K4, A8A	1.8L	•	•	•	•	•	•
218 COUPE	1996 - 1999	18K4	1.8L	•	•	•	•	•	•
220	1996 - 1999	20T2R, 20T2N	2.0L	•	•	•	•	•	•
220 COUPE	1993 - 1995	20T4, 20T4	2.0L	•	•	•	•	•	•
220/420	1991 - 1994	20T4, 20T4	2.0L	•	•	•	•	•	•
25	1999 - 2003	11K4FM	1.1L	•	•	•	•	•	•
25	1999 - 2003	14K4	1.4L	•	•	•	•	•	•
25	1999 - 2003	16K4	1.6L	•	•	•	•	•	•
25	1999 - 2003	18K4, 18K4	1.8L	•	•	•	•	•	•
25	1999 - 2003	20T2N	2.0L	•	•	•	•	•	•
33	1986 - 1993	307.43, 305.85	1.2L	•	•	•	•	•	•
33	1986 - 1993	301.68, 305.02, 307.32, 307.86, 307.87	1.3L	•	•	•	•	•	•
33	1990 - 1995	307.53, 307.55	1.4L	•	•	•	•	•	•
33	1986 - 1995	301.46, 305.04, 305.20, 307.34, 307.38, 307.50, 305.08, 305.88, 307.38, 307.51	1.5L	•	•	•	•	•	•
33	1986 - 1995	305.50, 307.36, 307.37, 307.40, 307.47, 305.58, 307.37, 307.46	1.7L	•	•	•	•	•	•
33	1986 - 1995	VM96A, VM82A	1.8L	•	•	•	•	•	•
414	1995 - 1999	14K4C, 14K4D, 14K4F, 14K4F, 14K4F	1.4L	•	•	•	•	•	•
416	1995 - 1999	16K4, D16A6, D16..	1.6L	•	•	•	•	•	•
420	1995 - 1999	20T4, 20T4, 20T2N, 20T2R, 20T4	2.0L	•	•	•	•	•	•
45	1999 - 2003	14K4FN	1.4L	•	•	•	•	•	•
45	1999 - 2003	16K4FN	1.6L	•	•	•	•	•	•
45	1999 - 2003	18K4, 18K4	1.8L	•	•	•	•	•	•
45	1999 - 2003	20K4, 20T2N	2.0L	•	•	•	•	•	•
618	1993 - 1999	F18A3	1.8L	•	•	•	•	•	•
620	1992 - 1999	20T4, 20T4, 20T2N, 20T4, F20Z1	2.0L	•	•	•	•	•	•
623	1993 - 1997	H23A3	2.3L	•	•	•	•	•	•
75	1986 - 1993	61.00, 611.02, 611.01	1.6L	•	•	•	•	•	•
75	1986 - 2003	18K4FK, 61.34, 612.01, 612.03, 61.68, 612.02, 62.02	1.8L	•	•	•	•	•	•
75	1986 - 2003	20K4, M47R, 62.12, 62.24, VM80A, 61.66	2.0L	•	•	•	•	•	•
75	1988 - 1992	VM81A	2.4L	•	•	•	•	•	•
75	1987 - 2003	25K4, 19.11, 16.46	2.5L	•	•	•	•	•	•
75	1987 - 1993	61.24, 615.03, 61.20	3.0L	•	•	•	•	•	•
820	1987 - 1999	20HD, 20T4, 20T4, 20HD, 20HD, 20HD, 20HD, 20M4G, 20T4	2.0L	•	•	•	•	•	•
825	1992 - 1999	25KV6, 4258L1	2.5L	•	•	•	•	•	•
825/STERLING	1987 - 1991	C25A, C25A	2.5L	•	•	•	•	•	•
827/STERLING/VITESSE	1988 - 1995	27V6, 27V6	2.7L	•	•	•	•	•	•
GT (937)	2003 - 2009	322.05	1.8L	•	•	•	•	•	•
GT (937)	2003 - 2009	937.A5.000, 937.A5.000	1.9L	•	•	•	•	•	•
GT (937)	2003 - 2004	937.A1.000	2.0L	•	•	•	•	•	•
GT (937)	2003 - 2004	936.A.000	3.2L	•	•	•	•	•	•
GTV	1995 - 2001	322.01	1.8L	•	•	•	•	•	•
GTV	1995 - 2009	162.01, 162.02, 937.A1.000, 162.01, 162.01, 323.01, 323.10	2.0L	•	•	•	•	•	•

Codes and Tips • = Codes and Tips •• = Symptom Base Tips ••• = Both Available | Key Component Tests \* = Component Tests •• = Symptom Base Tips ••• = Both Available \*\*\*\* = Model Updated  
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## Fast-Track® Troubleshooter

(Refer to key for guidance on codes)

ALFA	Model	Years	Engine Code	Engine Info	(Refer to key for guidance on codes)					
					Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
	GTV	1986 - 1988	16.46	2.5L						•
	GTV	1995 - 2002	161.05, 161.05, 161.02, 161.02, 161.05	3.0L	•	•			•	•
	GTV	2003 - 2009	936.A6.000	3.2L	•	•				•
	MAESTRO	1987 - 1995	12H, 12H	1.3L	•					•
	MAESTRO	1987 - 1993	16H	1.6L	•					•
	MAESTRO	1987 - 1995	20H, MDI, MDI	2.0L	•		•			•
	METRO/100	1987 - 1990	99H	1.0L	•					•
	METRO/100	1990 - 1998	11K2D, 11K8, 11K2D, 11K8, 11K8	1.1L	•	•	•	•	•	•
	METRO/100	1986 - 1993	12H, 12H	1.3L	•					•
	METRO/100	1990 - 1999	Null	1.4L	•	•	•	•	•	•
	METRO/100	1995 - 1998	VJZ	1.5L	•					•
	MG RV8	1993 - 1995	V8	4.0L	•					•
	MG TF	2002 - 2003	16K4	1.6L	•	•	•	•	•	•
	MG TF	2002 - 2003	18K4, 18K4	1.8L	•	•	•	•	•	•
	MG ZR	2001 - 2003	14K4	1.4L	•	•	•	•	•	•
	MG ZR	2001 - 2003	18K4	1.8L	•	•	•	•	•	•
	MG ZR	2002 - 2003	20T2N	2.0L	•	•	•	•	•	•
	MG ZS	2001 - 2003	18K4	1.8L	•	•	•	•	•	•
	MG ZS	2003 - 2003	20T2N	2.0L	•	•	•	•	•	•
	MG ZS	2001 - 2003	25K4	2.5L	•	•	•	•	•	•
	MG ZT	2003 - 2003	18K	1.8L	•	•	•	•	•	•
	MG ZT	1999 - 2003	M47R	2.0L	•	•	•	•	•	•
	MG ZT	2001 - 2003	25K4	2.5L	•	•	•	•	•	•
	MG ZT-T	2003 - 2003	18K	1.8L	•	•	•	•	•	•
	MG ZT-T	1999 - 2003	M47R	2.0L	•	•	•	•	•	•
	MG ZT-T	2001 - 2003	25K4	2.5L	•	•	•	•	•	•
	MGF	1995 - 2003	18K4KM, 18K4, 18K4, 18K4	1.8L	•	•	•	•	•	•
	MINI	1987 - 1992	99H	1.0L	•					•
	MINI	1989 - 1999	12A2, 12A2, 12A2, 12A2	1.3L	•	•				•
	MINI COOPER	1990 - 1996	12A2, 12A2	1.3L	•	•				•
	MITO	2009 - 2010	940.A2.000	1.4L	•					•
	MONTEGO	1987 - 1993	12H, 12H	1.3L	•					•
	MONTEGO	1987 - 1993	16H, 16H, 16H, 16H	1.6L	•	•				•
	MONTEGO	1987 - 1993	20H, 20H, 20H, 20H, 20H	2.0L	•	•	•	•	•	•
	SPIDER	1990 - 1993	15.63	1.6L	•					•
	SPIDER	1997 - 2001	322.01	1.8L	•	•	•	•	•	•
	SPIDER	1986 - 2009	162.01, 162.01, 162.02, 323.01, 323.10, 937.A1.000, 15.88, 15.90, 162.01, 5.15	2.0L	•	•	•	•	•	•
	SPIDER	1994 - 2002	161.01, 161.01, 161.05, 161.01, 161.05	3.0L	•	•			•	•
	SPIDER	2003 - 2008	936.A6.000	3.2L	•	•				•
	SZ/RZ	1988 - 1994	615.01	3.0L	•	•				•

(Refer to key for guidance on codes)

AUDI	Model	Years	Engine Code	Engine Info	(Refer to key for guidance on codes)					
					Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
	100	1992 - 1994	1Z	1.9L	•	•				•
	100	1992 - 1994	ACE, ADW, AAD, AAE, ABK	2.0L	•	•	•	•	•	•
	100	1992 - 1995	AAN	2.2L	•	•				•
	100	1992 - 1994	AAT, ABP	2.5L	•	•				•
	100	1992 - 1997	ABC, ACZ	2.6L	•	•	•	•	•	•
	100	1992 - 1994	AAH	2.8L	•	•	•	•	•	•
	100	1992 - 1994	ABH, AHK	4.2L	•	•				•
	80	1992 - 1995	ADA, ABM	1.6L	•	•	•	•	•	•
	80	1992 - 1995	1Z	1.9L	•	•				•
	80	1992 - 1995	ACE, ADW, 6A, AAD, ABK, ABT	2.0L	•	•	•	•	•	•
	80	1992 - 1995	ADU, ABY	2.2L	•	•				•
	80	1992 - 1995	ABC, ACZ	2.6L	•	•	•	•	•	•
	80	1992 - 1994	AAH	2.8L	•	•				•
	90	1992 - 1993	7A	2.3L	•	•				•
	90	1992 - 1995	AAH	2.8L	•	•				•
	A2	2001 - 2003	ANY	1.2L	•	•	•	•	•	•
	A2	2000 - 2006	AMF, AUA, BBY	1.4L	•	•	•	•	•	•
	A2	2002 - 2003	BAD	1.6L	•	•				•
	A3	2010 - 2012	CBZB	1.2L	•					•
	A3	2010 - 2012	CAXC	1.4L	•					•
	A3	1996 - 2012	AEH, ALZ, AVU, BAG, BFQ, BGU, BLF, BLP, BSE, BSF, CAYC, CCSA, AKL, APF, CAYB	1.6L	•	•	•	•	•	•
	A3	1996 - 2012	AGN, AGU, AMK, APP, AQA, ARX, ARZ, AUQ, AJQ, APG, APY, ARY, AUM, BAM, CDAA	1.8L	•	•	•	•	•	•
	A3	1996 - 2009	AGR, AHF, ASZ, ATD, AXR, ALH, ASV, BKC, BLS, BXE	1.9L	•	•	•	•	•	•
	A3	2003 - 2012	AXW, AXX, AZV, BLR, BLX, BLY, BMB, BMM, BMN, BUY, BVZ, BWA, CAWB, CBAA, CFFA, CFFB, BHD, BHZ, BKD, BVY, CBAB, CBBB, CCZA, CFFB, CFFB	2.0L	•	•				•
	A3	2003 - 2003	AMX	2.8L	•	•				•
	A3	2004 - 2009	BDB, BMJ, BUB	3.2L	•					•
	A4	1994 - 2003	ADP, AHL, ANA, ARM, ALZ	1.6L	•	•	•	•	•	•
	A4	1994 - 2012	AEB, AMB, ANB, APT, ARG, AUM, AVJ, AVV, AWM, BEX, CDHB, CFKA, ADR, AFY, AJL, APU, AWT, BFB, CDHA	1.8L	•	•	•	•	•	•
	A4	1994 - 2003	1Z, AFF, AFN, AJM, ATJ, AWX, AHH, AVB, AVF, AVG	1.9L	•	•	•	•	•	•
	A4	1994 - 2012	ADW, AWA, CAGC, CAHB, CDN, C/CB, ALT, CAGA, CAGB, CAHA, CDNC, C/JCA	2.0L	•	•				•
	A4	1995 - 2003	AJG, ALF, AML, APS, AFM, AGA, AMM, APZ, ARJ, BDV	2.4L	•	•	•	•	•	•
	A4	1997 - 2003	AFB, AKE, AYM, BAU, BDH, BFC, AKN, BDG	2.5L	•	•	•	•	•	•
	A4	1994 - 1998	ABC, ACZ	2.6L	•	•	•	•	•	•
	A4	1999 - 2012	CGKA, AJK, ASJ, AZB, AZR, CGKB	2.7L	•	•	•	•	•	•
	A4	1994 - 2001	APR, ATX, AAH, ACK, AHA, ALG, AMX, AQD, ATQ	2.8L	•	•	•	•	•	•
	A4	2001 - 2012	ASN, AVK, CCWA, BBJ, CCLA, CCWB	3.0L	•	•				•
	A4	2010 - 2012	CALA	3.2L	•					•
	A4	2002 - 2003	BBK	4.2L	•	•				•
	A4 (VIN 8E)	2004 - 2008	ALZ	1.6L	•	•				•
	A4 (VIN 8E)	2004 - 2008	AMB, BEX, BFB	1.8L	•	•				•
	A4 (VIN 8E)	2004 - 2006	AVF, BKE, AVB, AWX, BRB	1.9L	•	•				•



# Fast-Track® Troubleshooter

(Refer to key for guidance on codes)

AUDI				(Refer to key for guidance on codes)						
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
A4 (Vin 8E)	2004 - 2009	BLB, BPW, BRD, BRE, BVA, BVG, BWE, ALT, AWA, BGB, BRC, BUL	2.0L	•	•				•	
A4 (VIN 8E)	2004 - 2008	AMM, BDV	2.4L	•	•				•	
A4 (VIN 8E)	2004 - 2008	BAU, BCZ, BDG, BDH	2.5L	•					•	
A4 (VIN 8E)	2006 - 2008	BPP, BSG	2.7L	•					•	
A4 (VIN 8E)	2004 - 2008	ASB, ASN, BBJ, BKN	3.0L	•					•	
A4 (VIN 8E)	2006 - 2008	AUK	3.2L	•					•	
A4 (VIN 8K)	2008 - 2009	CABA, CDHA, CDHB, CABB	1.8L	•					•	
A4 (VIN 8K)	2008 - 2009	CAGB, CAHB, CAGA, CAGC, CAHA, CDNB	2.0L	•					•	
A4 (VIN 8K)	2008 - 2009	CAMB, CGKA, CAMA	2.7L	•					•	
A4 (VIN 8K)	2008 - 2009	CAPA, CCWB, CCWA	3.0L	•					•	
A4 (VIN 8K)	2008 - 2009	CALA	3.2L	•					•	
A4 (VIN 8Y)	2006 - 2008	ALZ	1.6L	•	•				•	
A4 (VIN 8Y)	2005 - 2008	BFB	1.8L	•	•				•	
A4 (VIN 8Y)	2006 - 2006	BKE, BRB	1.9L	•					•	
A4 (VIN 8Y)	2005 - 2009	BLB, BPW, BVF, BVG, BWE, ALT, BGB, BRC, BRD, BRE, BRF, BUL, BVA	2.0L	•	•				•	
A4 (VIN 8Y)	2004 - 2008	BDV	2.4L	•	•				•	
A4 (VIN 8Y)	2005 - 2008	BDG, BCZ	2.5L	•					•	
A4 (VIN 8Y)	2006 - 2008	BPP, BSG	2.7L	•					•	
A4 (VIN 8Y)	2004 - 2009	ASB, BBJ, BKN	3.0L	•					•	
A4 (VIN 8Y)	2006 - 2008	AUK	3.2L	•					•	
A4 CABRIOLET	2003 - 2009	BFB, AMB, AVJ	1.8L	•	•				•	
A4 CABRIOLET	2004 - 2009	ALT, BRE, BWE, BPW, BRC, BRF	2.0L	•	•				•	
A4 CABRIOLET	2003 - 2009	AMM, BDV	2.4L	•	•				•	
A4 CABRIOLET	2003 - 2009	BCZ, BDG, BFC	2.5L	•					•	
A4 CABRIOLET	2006 - 2009	BSG, BPP	2.7L	•					•	
A4 CABRIOLET	2003 - 2009	ASB, BKN, ASN, BBJ	3.0L	•					•	
A4 CABRIOLET	2006 - 2009	AUK	3.2L	•					•	
A5	2008 - 2012	CABD, CDHB, CABB	1.8L	•					•	
A5	2008 - 2012	CAGB, CAHB, CJC, CAGA, CAHA, CDNB, CDNC, CICA	2.0L	•					•	
A5	2008 - 2012	CAMA, CABB, CGKA, CGKB	2.7L	•					•	
A5	2008 - 2012	CAPA, CCWA, CCWB	3.0L	•					•	
A5	2008 - 2012	CALA	3.2L	•					•	
A6	1995 - 2004	AEB, AFY, AJL, AJP, AQE, ARH, AWT, ADR, ANB, APU	1.8L	•	•	•	•	•	•	
A6	1994 - 2004	IZ, AVF, AWX, AFN, AJM, AVG	1.9L	•	•	•	•	•	•	
A6	1994 - 2011	AAE, ABK, ACE, CAHA, ADW, ALT, BPI, CAGB, CAHB	2.0L	•	•	•	•	•	•	
A6	1996 - 1998	AAN	2.2L	•	•				•	
A6	1995 - 2004	AFM, ALW, APS, ARN, ASM, BDV, AGA, AJG, ALF, AML, AMM, APC, APZ, ARJ	2.4L	•	•	•	•	•	•	
A6	1994 - 2004	AFB, AKE, AYM, BAU, BCZ, BDG, BDH, BFC, AAT, AEL, AKN	2.5L	•	•	•	•	•	•	
A6	1994 - 1998	ACZ, ABC	2.6L	•	•	•	•	•	•	
A6	1999 - 2011	AJK, ARE, AZA, BES, CANA, CANC, CAND	2.7L	•	•				•	
A6	1994 - 2003	AAH, AEJ, ALG, AQD, ATQ, ACK, AGE, AHA, AMX, APR, ATX	2.8L	•	•	•	•	•	•	
A6	2001 - 2011	AVK, CCAA, CDYC, ASN, BBJ, CDYA, CDYB	3.0L	•	•				•	
A6	1999 - 2000	AQG	3.7L	•	•				•	
A6	1999 - 2011	ANK, ARS, ASG, BVJ, ART, AWN, BBD	4.2L	•	•				•	
A6 (VIN 4B)	2005 - 2007	AWT	1.8L	•	•				•	
A6 (VIN 4B)	2005 - 2005	AVF, AWX	1.9L	•					•	

(Refer to key for guidance on codes)

AUDI				(Refer to key for guidance on codes)						
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
A6 (VIN 4B)	2005 - 2007	ALT	2.0L	•	•				•	
A6 (VIN 4B)	2005 - 2007	AMM, ASM, BDV	2.4L	•	•				•	
A6 (VIN 4B)	2005 - 2005	AKE, BAU, BCZ, BDG, BDH, BFC	2.5L	•					•	
A6 (VIN 4B)	2005 - 2005	BES	2.7L	•					•	
A6 (VIN 4B)	2005 - 2008	ASN, BBJ, ASB	3.0L	•					•	
A6 (VIN 4B)	2005 - 2005	ASG, AWN	4.2L	•					•	
A6 (VIN 4F)	2005 - 2009	BLB, BVG, BNA, BPI, BRE, BRF, CAGB	2.0L	•					•	
A6 (VIN 4F)	2005 - 2008	BDW	2.4L	•					•	
A6 (VIN 4F)	2005 - 2008	BPP, BSG	2.7L	•					•	
A6 (VIN 4F)	2005 - 2009	BMK, BNG, CDYA, CDYC, ASB, BBJ, CCAA, CDYB	3.0L	•					•	
A6 (VIN 4F)	2005 - 2009	AUK, BKH	3.2L	•					•	
A6 (VIN 4F)	2005 - 2009	BAT, BVJ	4.2L	•					•	
A8	1997 - 2003	AKN, AFB, AKE	2.5L	•	•				•	
A8	1994 - 2009	AAH, ACK, AHA, ALG, AMX, AQD, BDX, CJBA, AEJ, APR	2.8L	•	•		•	•	•	
A8	2003 - 2009	ASB, BBJ, CDYB, ASN, BNG	3.0L	•					•	
A8	2006 - 2009	BPK	3.2L	•					•	
A8	2000 - 2002	AKF	3.3L	•					•	
A8	1995 - 2009	AEW, BFL, AKC, AKJ, AQG	3.7L	•	•				•	
A8	2003 - 2009	ASE	4.0L						•	
A8	1994 - 2009	AKB, AQF, ARU, AVN, AVP, AYS, BCS, BFM, BVJ, ABZ, AEM, AGH, AHC, AKG, AQH, AUW, AUX, BVN	4.2L	•	•				•	
A8	2006 - 2009	BSM	5.2L	•					•	
A8	2001 - 2009	BHT, AZC	6.0L	•	•				•	
ALLROAD QUATTRO	2000 - 2003	AFB, AKE, AKN, AYM	2.5L	•	•				•	
ALLROAD QUATTRO	2000 - 2003	ARE	2.7L	•	•				•	
ALLROAD QUATTRO	2002 - 2003	BAS, BAT	4.2L	•	•				•	
CABRIO	1997 - 1999	ADP	1.6L	•	•	•	•	•	•	
CABRIO	1997 - 2001	ADR	1.8L	•	•	•	•	•	•	
CABRIO	1995 - 1997	IZ	1.9L	•	•	•	•	•	•	
CABRIO	1993 - 1999	ABK, ACE	2.0L	•	•	•	•	•	•	
CABRIO	1994 - 2001	ACZ, ABC	2.6L	•	•	•	•	•	•	
CABRIO	1992 - 1996	AAH	2.8L	•	•	•	•	•	•	
COUPE	1992 - 1996	6A, ABK, ACE	2.0L	•	•	•	•	•	•	
COUPE	1994 - 1996	ABY	2.2L	•	•	•	•	•	•	
COUPE	1992 - 1992	7A	2.3L	•	•	•	•	•	•	
COUPE	1992 - 1996	ABC, ACZ	2.6L	•	•	•	•	•	•	
COUPE	1992 - 1996	AAH	2.8L	•	•	•	•	•	•	
COUPE QUATTRO	1992 - 1996	ABY, 3B	2.2L	•	•	•	•	•	•	
COUPE QUATTRO	1992 - 1993	7A, AAR	2.3L	•	•	•	•	•	•	
COUPE QUATTRO	1992 - 1996	ABC	2.6L	•	•	•	•	•	•	
COUPE QUATTRO	1992 - 1996	AAH	2.8L	•	•	•	•	•	•	
Q5	2010 - 2012	CAHA, CDNC, CGLB, CAHB, CDNB	2.0L	•					•	
Q5	2010 - 2012	CCWB, CCWA	3.0L	•					•	
Q5	2011 - 2012	CALB	3.2L	•					•	
Q7	2006 - 2012	BUG, BUN, CASB, CJTC, CASA, CCMA	3.0L	•					•	
Q7	2007 - 2010	BHK	3.6L	•					•	
Q7	2006 - 2010	BAR, BTR	4.2L	•					•	
RS2	1994 - 1995	ADU	2.2L	•	•				•	
S2 COUPE	1992 - 1996	ABY, 3B	2.2L	•	•				•	
S3	1998 - 2003	AMK, BAM, APY	1.8L	•	•		•	•	•	
S4	1992 - 1994	AAN	2.2L	•	•				•	
S4	1997 - 2003	AGB, AZR, ASJ, AZB	2.7L	•	•				•	
S4	1992 - 1994	ABH	4.2L	•	•	•			•	
S6	1994 - 1998	AAN	2.2L	•	•				•	

Codes and Tips • = Codes and Tips •• = Symptom Base Tests ••• = Both Available | Key Component Tests \* = Component Tests •• = Symptom Base Tests ••• = Both Available \*\*\*\* = Model Updated  
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# Fast-Track® Troubleshooter

AUDI		(Refer to key for guidance on codes)								
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
S6	1994 - 2003	AEC, AHK, ANK, ARS, ASG, AWN, AQJ, BBD	4.2L	•	•			•	•	
S8	1995 - 2003	AHC, BCS, AKH, AQH, AVP, AYS	4.2L	•	•			•	•	
S8	2002 - 2003	AZC	6.0L	•	•			•	•	
TT	1998 - 2012	ARY, ATC, AUQ, BFV, AJQ, AMU, APP, APX, AUM, AWP, BAM, BVP, BVR, CDA	1.8L	•	•	•	•	•	•	
TT	2006 - 2012	CBBB, CDLB, CFGB, BWA, CCZA, CDLA	2.0L	•					•	
TT	2010 - 2012	CEPA	2.5L	•					•	
TT	2003 - 2010	BHE, BUB	3.2L	•					•	

BMW		(Refer to key for guidance on codes)								
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
1-SERIES	2003 - 2005	N45B18A	1.6L						•	
1-SERIES	2003 - 2005	N42B18A	1.8L						•	
1-SERIES	2003 - 2005	204D4, N42B20A	2.0L						•	
1-SERIES	2003 - 2005	306S3	3.0L						•	
1-Series (E87)	2003 - 2009	N43B16A, N45B16A, N43B16A	1.6L	•					•	
1-Series (E87)	2003 - 2012	N43B20A, N43B20A, N47D20A, 204D4, N46B20B, N47D20B	2.0L	•					•	
1-SERIES (E87)	2007 - 2007	N52B30A	2.5L	•					•	
1-Series (E87)	2003 - 2012	N52B30A, N52B30A, N54B30A, N52B30A	3.0L	•					•	
3-SERIES (E30)	1988 - 1995	164E1, 164E1, 164E1	1.6L	•	•		•	•	•	
3-SERIES (E30)	1987 - 1995	184E1, 184E1, 184E1, 184S1, 184S1, 184S1	1.8L	•	•		•	•	•	
3-SERIES (E30)	1987 - 1993	206EE, 206EE, 206EE, 206KA, 206KA, 206KA, 206KA, 206EE, 206KA, 206KA	2.0L	•	•		•	•	•	
3-SERIES (E30)	1987 - 1993	246DA, 246DA, 246TB, 246TB, 246TB, 246TB, 246DB, 246DB, 256E1, 256E1, 256K1, 256E1, 256E1, 256E2, 256E2, 256K1, 256K1, 256K1	2.4L	•	•				•	
3-SERIES (E30)	1986 - 1993	276KB, 276KB, 276KA, 276KA	2.5L	•	•		•	•	•	
3-SERIES (E30)	1986 - 1990	164E1, 164E1, 164E1, 164E2, 164E1, 164E1, 164E1, 164E2, 164E2, 164E2, 164E2, 164E2	2.7L	•	•		•	•	•	
3-SERIES (E36)	1990 - 1999	174T1, 174T1	1.6L	•	•	•	•	•	•	
3-SERIES (E36)	1993 - 2000	184E1, 184E1, 184E1, 184E1, 184E2, 184E2, 184E2, 184S1, 184S1, 184E1, 184E1, 184E1, 184E2, 184E2, 184S1, 184S1, 184S1, 184S1	1.7L	•	•	•	•	•	•	
3-SERIES (E36)	1991 - 2000	184E1, 184E1, 184E1, 184E1, 184E2, 184E2, 184E2, 184S1, 184S1, 184S1, 184S1	1.8L	•	•	•	•	•	•	
3-SERIES (E36)	1993 - 2000	194E1, 194E1, 194S1, 194S1	1.9L	•	•	•	•	•	•	
3-SERIES (E36)	1991 - 2000	206S1, 206S1, 206S1, 206S1, 206S1, 206S2, 206S2, 206S2, 206S2, 206S3, 206S1, 206S1, 206S1, 206S1, 206S1, 206S2, 206S2, 206S2, 206S3, 206S3, 206S3	2.0L	•	•	•	•	•	•	
3-SERIES (E36)	1993 - 1999	246S1, 246S2, 246S2	2.4L	•	•				•	

BMW		(Refer to key for guidance on codes)								
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
3-SERIES (E36)	1991 - 2000	256S1, 256S1, 256S1, 256S1, 256S2, 256S3, 256S3, 256S3, 256S3, 256S3, 256T1, 256T1, 256T1, 256T1L, 256T1L, 256T1L, 256S1, 256S1, 256S2, 256S2, 256T1, 256T1, 256T1L, 256T1L	2.5L	•	•	•	•	•	•	
3-SERIES (E36)	1995 - 2000	286S1, 286S1, 286S1, 286S1, 286S1, 286S1	2.8L	•	•	•	•	•	•	
3-SERIES (E36)	1992 - 1997	306S1, 306S1, 306S2	3.0L	•	•				•	
3-SERIES (E36)	1995 - 2000	326S2, 326S1	3.2L	•	•				•	
3-SERIES (E46)	1998 - 2005	164E3, 164E3, N40B16A, N45B16A	1.6L	•	•				•	
3-SERIES (E46)	2001 - 2007	N42B18A, N46B18A	1.8L	•	•				•	
3-SERIES (E46)	1997 - 2002	194E1, 194E1	1.9L	•	•	•	•	•	•	
3-SERIES (E46)	1997 - 2007	204D1, 204D4, 204D4, 206S4, 206S4, 204D4, 206S4, 206S4, N42B20A, N46B20A	2.0L	•	•	•	•	•	•	
3-SERIES (E46)	2000 - 2007	226S1, 226S1, 226S2	2.2L	•	•				•	
3-SERIES (E46)	2000 - 2001	246S3	2.4L	•	•				•	
3-SERIES (E46)	1997 - 2007	256S4, 256S4, 256S4, 256S4, 256S5, 256S5, 256S6, 256S6	2.5L	•	•	•	•	•	•	
3-SERIES (E46)	1997 - 2001	286S2, 286S2, 286S2, 286S2	2.8L	•	•	•	•	•	•	
3-SERIES (E46)	1999 - 2007	306D2, 306S3, 306S3, 306D1, 306D2, 306D2, 306S3, 306S3	3.0L	•	•				•	
3-SERIES (E46)	2000 - 2007	326S4, 326S3	3.2L	•	•				•	
3-SERIES (E90/E91)	2005 - 2010	N43B16A, N45B16A, N45B16A, 204D4, N43B20A, N46B20A, N46B20B, N43B20A, N45B20A, N46B18, N47D20A	1.6L	•					•	
3-Series (E90/E91)	2005 - 2012	N52B25A, N53B25A, N52B25A, N52B25A	2.0L	•					•	
3-Series (E90/E91)	2005 - 2011	306D5, N51B30A, N51B30A, N52B30A, N52B30A, N52B30A, N53B30A, N53B30A, N54B30A, N57D30A, 306D3, N54B30A, N54B30A	2.5L	•					•	
3-SERIES (E90/E91)	2005 - 2012	306D5, N51B30A, N51B30A, N52B30A, N52B30A, N52B30A, N53B30A, N53B30A, N54B30A, N57D30A, 306D3, N54B30A, N54B30A	3.0L	•					•	
3-Series (E90/E91)	2007 - 2012	S65B40A	4.0L	•					•	
5-SERIES (E28)	1986 - 1989	206EE, 206EE	2.0L	•	•				•	
5-SERIES (E28)	1986 - 1989	246TA, 246TA	2.4L	•	•				•	
5-SERIES (E28)	1986 - 1993	256K1, 256K2, 256K2, 256E2, 256K1, 256K1, 256K2, 256K2	2.5L	•	•	•	•	•	•	
5-SERIES (E28)	1986 - 1988	276KA, 276KB, 276KA, 276KB	2.7L	•	•				•	
5-SERIES (E28)	1986 - 1989	306KA	3.0L	•	•				•	
5-SERIES (E28)	1986 - 1989	346EC, 346EC, 346KB, 346EC, 346EC, 346KB, 346KB, 346KB	3.4L	•	•				•	
5-SERIES (E28)	1986 - 1988	356EE, 356EE	3.5L	•	•				•	
5-SERIES (E34)	1988 - 1996	184E1, 184E1, 184E2, 184E2, 184E2, 184E2, 184E1, 184E1, 184E1, 184E1, 184E1, 184E2, 184E2, 184E2	1.8L	•	•				•	
5-SERIES (E34)	1987 - 1996	206EE, 206KA, 206KA, 206KA, 206KA, 206S1, 206S1, 206S2, 206S2, 206EE, 206EE, 206EE, 206KA, 206KA, 206S1, 206S1, 206S1, 206S1, 206S1, 206S2, 206S2, 206S2, 206S2	2.0L	•	•	•	•	•	•	
5-SERIES (E34)	1988 - 1997	246TB, 246TB, 246TB, 246S1, 246TB	2.4L	•	•				•	

Codes and Tips • = Codes and Tips •• = Symptom Base Tips ••• = Both Available | Key Component Tests \* = Component Tests •• = Symptom Base Tips ••• = Both Available \*\*\*\* = Model Updated  
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# Fast-Track® Troubleshooter

(Refer to key for guidance on codes)

BMW			Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years	Engine Code							
5-SERIES (E34)	1988 - 1996	256E2, 256K1, 256S1, 256S1, 256S1, 256S1, 256S2, 256T1, 256T1, 256T1, 256T1, 256T1, 256T1L, 256T2, 256K2, 256S1, 256S2, 256S2, 256S2, 256S2, 256T1, 256T1, 256T1L, 256T1L, 256T1L, 256T1L, 256T1L	2.5L	•	•	•	•	•	•
5-SERIES (E34)	1988 - 1996	306KA, 306KA, 308S1, 308S1, 308S1, 308S1, 306KA, 306KA, 306KA, 306KA, 308S1, 308S1	3.0L	•	•	•	•	•	•
5-SERIES (E34)	1988 - 1994	346EC, 346EC, 346EC, 346EC, 346KB, 346EC, 346EC, 346EC, 346EC, 346KB, 346KB, 346KB, 346KB, 346KB, 346KB, 346KB, 346KB	3.4L	•	•	•	•	•	•
5-SERIES (E34)	1988 - 1993	366S1, 366S1, 366S1	3.6L	•	•	•	•	•	•
5-SERIES (E34)	1991 - 1996	386S1, 386S1, 386S1	3.8L	•	•	•	•	•	•
5-SERIES (E34)	1992 - 1996	408S1, 408S1, 408S1, 408S1	4.0L	•	•	•	•	•	•
5-SERIES (E39)	1995 - 2004	206S3, 206S3, 206S4, 206S4, 204D1, 206S3, 206S3, 206S4, 206S4	2.0L	•	•	•	•	•	•
5-SERIES (E39)	2000 - 2004	226S1	2.2L	•	•	•	•	•	•
5-SERIES (E39)	1998 - 2002	246S3, 246S3	2.4L	•	•	•	•	•	•
5-SERIES (E39)	1995 - 2004	256S3, 256S3, 256S3, 256S3, 256S3, 256T1, 256T1, 256T1, 256T1, 256T1, 256D1, 256S3, 256S4, 256S4, 256S4, 256S4, 256S5, 256T1, 256T1L	2.5L	•	•	•	•	•	•
5-SERIES (E39)	1995 - 2001	286S1, 286S1, 286S1, 286S1, 286S1, 286S1, 286S2, 286S2, 286S2, 286S2	2.8L	•	•	•	•	•	•
5-SERIES (E39)	1998 - 2004	306D1, 306S3, 306S3	3.0L	•	•	•	•	•	•
5-SERIES (E39)	1996 - 2004	358S1, 358S2, 358S2, 358S1, 358S1, 358S1	3.5L	•	•	•	•	•	•
5-SERIES (E39)	1996 - 2004	448S1, 448S1, 448S1, 448S2, 448S2, 448S1	4.4L	•	•	•	•	•	•
5-SERIES (E39)	1998 - 2004	508S1	5.0L	•	•	•	•	•	•
5-Series (E60/E61)	2005 - 2010	204D4, N43B20A, N43B20A, N47D20A	2.0L	•	•	•	•	•	•
5-SERIES (E60/E61)	2003 - 2007	226S1	2.2L	•	•	•	•	•	•
5-Series (E60/E61)	2003 - 2010	256D2, 256D2, 256S5, N52B25A, N52B25A, N53B25A, N53B25A	2.5L	•	•	•	•	•	•
5-Series (E60/E61)	2003 - 2010	306D2, 306D2, 306D5, 306D3, 306D4, 306S3, N52B30A, N52B30A, N52B30A, N52B30A, N53B30A, N53B30A	3.0L	•	•	•	•	•	•
5-SERIES (E60/E61)	2005 - 2010	N62B40A, N62B40A	4.0L	•	•	•	•	•	•
5-SERIES (E60/E61)	2003 - 2007	N62B44A, N62B44A, N62B44A	4.4L	•	•	•	•	•	•
5-SERIES (E60/E61)	2005 - 2010	N62B48B, N62B48B	4.8L	•	•	•	•	•	•
5-SERIES (E60/E61)	2004 - 2010	S85B50A	5.0L	•	•	•	•	•	•
6-SERIES (E24)	1986 - 1989	346EC, 346KB, 346EC, 346EC, 346EC	3.4L	•	•	•	•	•	•
6-SERIES (E24)	1986 - 1989	356ED, 356ED, 356EE, 356EE	3.5L	•	•	•	•	•	•
6-SERIES (E63)	2004 - 2007	306D5, N52B30A	3.0L	•	•	•	•	•	•
6-SERIES (E63)	2003 - 2004	N62B44A, N62B44A, N62B44A	4.4L	•	•	•	•	•	•
6-SERIES (E63/E64)	2005 - 2011	306D5, N52B30A, N53B30A, N52B30A, N52B30A	3.0L	•	•	•	•	•	•
6-SERIES (E63/E64)	2005 - 2007	N62B44A, N62B44A, N62B44A	4.4L	•	•	•	•	•	•
6-SERIES (E63/E64)	2005 - 2011	N62B48B, N62B48B	4.8L	•	•	•	•	•	•
6-Series (E63/E64)	2005 - 2011	S85B50A	5.0L	•	•	•	•	•	•

(Refer to key for guidance on codes)

BMW			Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years	Engine Code							
7-SERIES (E32)	1986 - 1996	306KA, 306KA, 306KA, 306KB, 306KB, 306KB, 306KB, 306KB, 308S1, 308S1, 308S1, 308S1, 308S1, 306KA, 306KA, 306KA, 306KA, 306KA, 306KA, 306KB, 306KB, 306KB, 308S1	3.0L	•	•	•	•	•	•
7-SERIES (E32)	1986 - 1994	346EC, 346EC, 346EC, 346KB, 346KB, 346KB, 346KB, 346EC, 346EC, 346EC, 346EC, 346EC, 346KB, 346KB, 346KB	3.4L	•	•	•	•	•	•
7-SERIES (E32)	1990 - 1996	408S1, 408S1, 408S1, 408S1, 408S1, 408S1	4.0L	•	•	•	•	•	•
7-SERIES (E32)	1986 - 1996	5012A, 5012A, 5012A, 5012A, 5012A, 5012A, 5012A, 5012A, 5012A, 5012A, 5012A, 5012A	5.0L	•	•	•	•	•	•
7-SERIES (E38)	1994 - 2001	256T1, 256T1, 256T1	2.5L	•	•	•	•	•	•
7-SERIES (E38)	1993 - 2001	286S1, 286S2, 286S2, 286S1, 286S1, 286S1, 286S1, 286S1, 286S1, 286S2, 286S2	2.8L	•	•	•	•	•	•
7-SERIES (E38)	1993 - 2001	308S1, 306D1, 308S1	3.0L	•	•	•	•	•	•
7-SERIES (E38)	1993 - 2001	358S1, 358S2, 358S1, 358S1, 358S1, 358S2	3.5L	•	•	•	•	•	•
7-SERIES (E38)	1998 - 2001	398D1	3.9L	•	•	•	•	•	•
7-SERIES (E38)	1993 - 1996	408S1, 408S1, 408S1, 408S1	4.0L	•	•	•	•	•	•
7-SERIES (E38)	1993 - 2001	448S1, 448S1, 448S2, 448S1, 448S1, 448S2	4.4L	•	•	•	•	•	•
7-SERIES (E38)	1993 - 2001	54121, 54121, 54121, 54121, 54121, 54122, 54122, 54122, 54122, 54121, 54121, 54121, 54121	5.4L	•	•	•	•	•	•
7-SERIES (E65)	2002 - 2003	306D2	3.0L	•	•	•	•	•	•
7-SERIES (E65)	2002 - 2005	N62B36A	3.6L	•	•	•	•	•	•
7-SERIES (E65)	2002 - 2003	N62B44A, N62B44A	4.4L	•	•	•	•	•	•
7-SERIES (E65/E66)	2002 - 2008	306D2, 306D2, 306D3, 306S3, N52B30A, N52B30A	3.0L	•	•	•	•	•	•
7-SERIES (E65/E66)	2002 - 2006	N62B36A, N62B36A	3.6L	•	•	•	•	•	•
7-SERIES (E65/E66)	2002 - 2006	398D1	3.9L	•	•	•	•	•	•
7-SERIES (E65/E66)	2002 - 2008	N62B40A, N62B40A, N62B40A, N62B40A	4.0L	•	•	•	•	•	•
7-SERIES (E65/E66)	2002 - 2008	448D1, N62B44A, N62B44A	4.4L	•	•	•	•	•	•
7-SERIES (E65/E66)	2002 - 2008	N62B48B, N62B48B, N62B48B, N62B48B	4.8L	•	•	•	•	•	•
7-SERIES (E65/E66)	2002 - 2008	N73B60A, N73B60A	6.0L	•	•	•	•	•	•
8-SERIES (E31)	1992 - 1997	408S1, 408S1, 408S1, 408S1	4.0L	•	•	•	•	•	•
8-SERIES (E31)	1994 - 1999	448S1, 448S1, 448S1, 448S1	4.4L	•	•	•	•	•	•
8-SERIES (E31)	1989 - 1997	5012A, 5012A, 5012A, 5012A, 5012A, 5012A, 5012A, 5012A, 5012A, 5012A, 5012A	5.0L	•	•	•	•	•	•
8-SERIES (E31)	1994 - 1999	54121, 54121, 54121, 54121, 54121, 54121, 54121, 54121	5.4L	•	•	•	•	•	•
8-SERIES (E31)	1992 - 1999	56121, 56121, 56121, 56121, 56121, 56121	5.6L	•	•	•	•	•	•
R50 COUPE	2001 - 2003	W10B16A	1.6L	•	•	•	•	•	•
R53 COUPE	2001 - 2003	W11B16A	1.6L	•	•	•	•	•	•
X3 (E83)	2003 - 2010	204D4, 204D4, N46B20B, N47D20A, 204D4, 204D4	2.0L	•	•	•	•	•	•
X3 (E83)	2003 - 2007	256S5, N52B25A	2.5L	•	•	•	•	•	•
X3 (E83)	2003 - 2010	306D2, 306D3, 306D5, 306S3, 306D2, N52B30A	3.0L	•	•	•	•	•	•
X5 (E53)	2000 - 2007	306D2, 306D1, 306D2, 306D2, 306S3, 306S3	3.0L	•	•	•	•	•	•

Codes and Tips = Codes and Tips • = Symptom Base Tests •• = Both Available | Key Component Tests = Component Tests •• = Symptom Base Tests ••• = Both Available \*\*\*\* = Model Updated  
 Dark grey lines indicate new content at 1.4.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details. 23

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			(Refer to key for guidance on codes)						
BMW			Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years	Engine Code							
X5 (E53)	1999 - 2007	N62B44A, N62B44A, 448S2, 448S2, N62B44A	4.4L	•	•			•	•
X5 (E53)	2002 - 2004	468S1	4.6L	•	•			•	•
X5 (E53)	2004 - 2007	N62B48A, N62B48A, N62B48A	4.8L	•				•	•
X5 (E70)	2007 - 2010	306D5, N52B30A, N52B30A, 306D3	3.0L	•					•
X5 (E70)	2007 - 2010	N62B48B, N62B48B	4.8L	•				•	•
X6 (E71)	2008 - 2010	306D3, 306D5	3.0L	•					•
Z1 (E30)	1988 - 1992	256K1, 256K1, 256K1, 256K2, 256K2, 256K2	2.5L	•	•				•
Z3 (E36)	1995 - 2001	184E2, 184E2, 184E2, 184E2, 184E2, 184E2	1.8L	•	•			•	•
Z3 (E36)	1996 - 2003	194S1, 194E1, 194E1, 194S1	1.9L	•	•			•	•
Z3 (E36)	1999 - 2001	206S4, 206S4, 206S4, 206S4	2.0L	•			•	•	•
Z3 (E36)	2001 - 2003	226S1	2.2L	•	•			•	•
Z3 (E36)	1998 - 2002	256S5, 256S4, 256S4	2.5L	•	•	•		•	•
Z3 (E36)	1997 - 2001	286S1, 286S1, 286S1, 286S1, 286S1, 286S2, 286S2	2.8L	•	•		•	•	•
Z3 (E36)	2000 - 2003	306S3, 306S3	3.0L	•	•			•	•
Z3 (E36)	1996 - 2001	326S1, 326S2	3.2L	•	•			•	•
Z4 (E85)	2003 - 2007	N46B20B	2.0L	•					•
Z4 (E85)	2003 - 2006	226S1	2.2L	•					•
Z4 (E85)	2003 - 2009	N52B25A, 256S5	2.5L	•					•
Z4 (E85)	2003 - 2009	N52B30A, 306S3	3.0L	•					•
Z8 (E52)	2000 - 2003	MRS3	5.0L	•				•	•

			(Refer to key for guidance on codes)						
CITROËN			Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years	Engine Code							
AX	1995 - 1997	CDY, CDZ	1.0L	****	****	•	•		•
AX	1995 - 1997	HDY, HDZ, HDY, HDZ, HDY, HDZ	1.1L	****	****	•	•		•
AX	1995 - 1997	KDX, KDX, KDX, K6B, KFY, KFZ, KDX	1.4L	****	****	•	•		•
BERLINGO	1996 - 2003	HDY, HDZ, HDY, HFX	1.1L	****	****		•	•	•
BERLINGO	1996 - 2011	KFX, KFX, KFX, KFX, KFW, KFW, KFW, 8HY, KFY, KFW	1.4L	****	****	•		•	•
BERLINGO	2000 - 2012	NFU, NFU, 9HY, 9HX, 9HW, 9HX, 9HY, NFU, 9HZ, 9HZ	1.6L	****	****			•	•
BERLINGO	1996 - 2002	LFX, LFX	1.8L	****	****		•	•	•
BERLINGO	2000 - 2003	WJY	1.9L	****	****			•	•
BERLINGO	1998 - 2008	RHY, RHY, RHY, RHY, RFN, RFN, RFN NFR, NFU, 9HX, 9HT, 9HW, 9HZ, 9HP, 5FK, 5FS, 9HJ, 9HK, 9HL, 9HN, 9HR	2.0L	****	****	•		•	•
BERLINGO (B9)	2008 - 2013	9HT (DV6BTED4), 9HT (DV6B-UTED4), 9HX (DV6AUTED4), 9HZ, 9HX (DV6ATED4)	1.6L	****					•
BERLINGO(B9)	2008 - 2010	9HT (DV6BTED4), 9HT (DV6B-UTED4), 9HX (DV6AUTED4), 9HZ, 9HX (DV6ATED4)	1.6L	*					•
C1	2005 - 2011	CFA	1.0L	****					•
C1	2005 - 2010	8HT	1.4L	****					•
C15	1995 - 1997	HDZ	1.1L	*		•	•		•
C15	1995 - 1997	KDY	1.4L	*		•	•		•
C15	2000 - 2002	WJY	1.9L	****	****			•	•
C2	2003 - 2010	HFX, TU1A J34P	1.1L	****				•	•
C2	2003 - 2010	8HX, KFY, 8HZ, 8HZ, KFU, TU3A J34P	1.4L	****				•	•

			(Refer to key for guidance on codes)						
CITROËN			Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years	Engine Code							
C2	2003 - 2010	NFU, NFS, 9HZ	1.6L	****					*
C2 (->RP Number 10461)	2005 - 2006	HFX	1.1L	****					*
C2 (->RP Number 10461)	2005 - 2006	8HX, 8HZ, KFY, KFY, KFY	1.4L	****					*
C2 (->RP Number 10461)	2005 - 2006	NFS, NFU	1.6L	****					*
C2 (RP Number 10461 ->)	2005 - 2006	KFU, KFY	1.4L	****					*
C3	2002 - 2005	HFX, HFX	1.1L	****	****				*
C3	2002 - 2005	8HX, 8HY, KFY, 8HX, 8HY, KFY, KFY, KFU	1.4L	****	****				*
C3	2002 - 2005	NFU, 9HX, 9HZ, NFU	1.6L	****	****				*
C3	2002 - 2002	RFN, RFN	2.0L	****	****				*
C3 (A51)	2010 - 2013	HFX	1.1L	****					*
C3 (A51)	2010 - 2013	8HZ, 8FR, 8HR, KFT	1.4L	****					*
C3 (A51)	2010 - 2013	9HX, 9HR, 5FS, 9HP	1.6L	****					*
C3 (New Look)	2010 - 2010	8HZ	1.4L	****					*
C3 (New Look)	2010 - 2010	9HX	1.6L	****					*
C3 PICASSO	2009 - 2011	8FS, 8FP	1.4L	****					*
C3 PICASSO	2009 - 2010	5FW, 9HX, 9HZ, 9HP	1.6L	****					*
C3 Picasso (A58)	2012 - 2013	8FP	1.4L	****					*
C3 Picasso (A58)	2011 - 2011	9HP	1.6L	****					*
C3 PLURIEL	2004 - 2007	8HX, 8HZ, KFY	1.4L	****					*
C3 PLURIEL	2004 - 2007	NFU	1.6L	****					*
C3 PLURIEL RESTYLE	2005 - 2010	TU1A J34P	1.1L	****					*
C3 PLURIEL RESTYLE	2005 - 2010	8HZ, 8HZ	1.4L	****					*
C4	2004 - 2010	KFU, KFU	1.4L	****					*
C4	2004 - 2010	9HX, 9HY, 9HZ, NFU, 9HX, 9HY, 9HZ, NFU, 5FW, 5FX, NFU	1.6L	****					*
C4	2004 - 2010	RFJ, RFN, RFJ, RFX, RFN, RHR, RHR	2.0L	****					*
C4 (B7)	2011 - 2013	5FS, 5FV, 9HP	1.6L	****					*
C4 (B7)	2011 - 2013	RHE, RHH	2.0L	****					*
C4 PICASSO	2006 - 2013	9HZ, 5FW, 5FX, 9HR, 5FS, 5FV	1.6L	****					*
C4 PICASSO	2006 - 2010	6FY	1.8L	****					*
C4 Picasso	2006 - 2011	RHJ, RFJ	2.0L	****					*
C5	2001 - 2013	5FZ, 9HZ, 9HL, 5FV	1.6L	****					*
C5	2001 - 2004	6FZ, 6FZ, 6FZ, 6FZ, 6FZ, 6FZ	1.8L	****	****	*	*	*	*
C5	2001 - 2011	RFN, RFN, RHY, RHZ, RLZ, RFN, RFN, RHS, RHY, RHY, RHZ, RLZ, RHZ, RHR, RHH, RHF	2.0L	****	****	*	*	*	*
C5	2001 - 2010	4HX, 4HX, 4HP, 4HT	2.2L	****	****				*
C5	2008 - 2010	UHZ	2.7L	****					*
C5	2001 - 2004	XFX, XFX	3.0L	****					*
C5 II	2004 - 2009	9HY, 9HZ	1.6L	****					*
C5 II	2004 - 2009	6FY, 6FZ	1.8L	****					*
C5 II	2004 - 2009	RFJ, RHR, RHR	2.0L	****					*
C5 II	2004 - 2009	4HP, 4HR, 4HS, 4HT, 4HX	2.2L	****		*	*	*	*
C5 II	2004 - 2009	XFU, XFU	3.0L	****					*
C6	2010 - 2011	4HP, 4HS, 4HT	2.2L	****					*
C6	2006 - 2009	UHZ	2.7L	****					*
C6	2006 - 2010	XFY	3.0L	****					*
C8	2002 - 2005	RFN, RFN, RHT, RHW, RHZ, RFN, RFN, RHT, RHW, RFN, RHT, RHW	2.0L	****	****	*	*	*	*
C8	2002 - 2005	3FZ, 3FZ, 4HW, 3FZ, 3FZ, 4HW, 4HW	2.2L	****	****	*	*	*	*
C8	2002 - 2005	XFX, XFX	3.0L	****					*
C8 RESTYLE	2005 - 2010	RFJ, RHK, RHK, RHM, RHR, RHR, RHW	2.0L	****		*	*	*	*
C8 Restyle	2006 - 2006	4HW	2.2L	****		*	*	*	*
C-CROSSER	2007 - 2010	4HN	2.2L	****					*
C-CROSSER	2007 - 2010	SFZ	2.4L	****					*
Dispatch 3	2011 - 2012	9HU	1.6L	****					*



# Fast-Track® Troubleshooter

CITROËN	Model	Years	Engine Code	Engine Info	(Refer to key for guidance on codes)						
					Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
	Dispatch 3	2010 - 2013	RHH, RHK, RHR	2.0L	****						
	DS3	2009 - 2013	8FR, 8FR	1.4L	****						
	DS3	2009 - 2013	9HR, 5FR, 5FS, 5FS, 9HP	1.6L	****						
	EVASION/SYNERGIE	1996 - 2001	LFW	1.8L	****	****		*	*	*	*
	EVASION/SYNERGIE	1995 - 2000	DHX	1.9L	****	****			*	*	*
	EVASION/SYNERGIE	1995 - 2002	RFU, RGX, RFU, RHZ, RFV, RHZ, RFN, RFN, RHW	2.0L	****	****	*	*	*	*	*
	EVASION/SYNERGIE	1995 - 2000	P8C, P8C, P8C	2.1L	****	****	*	*	*	*	*
	JUMPER 1/RELAY 1	1995 - 2001	RFW, RHV	2.0L	****	****				*	*
	JUMPER 1/RELAY 1	2000 - 2001	4HY	2.2L	*					*	*
	JUMPER 1/RELAY 1	1997 - 2001	2800 D, 2800 D, 8140.43S	2.8L	****	****				*	*
	JUMPER 2/RELAY 2	2001 - 2006	RFL, RFL, RHV, RHV	2.0L	****	****			*	*	*
	JUMPER 2/RELAY 2	2001 - 2006	4HY, 4HY	2.2L	****				*	*	*
	JUMPER 2/RELAY 2	2001 - 2006	8140.43S, 8140.43S	2.8L	****				*	*	*
	Jumpy 3	2011 - 2012	9HU	1.6L	****						
	Jumpy 3	2010 - 2013	RHH, RHK, RHR	2.0L	****						
	JUMPY 3/DISPATCH 3	2007 - 2010	9HU	1.6L	****						
	JUMPY 3/DISPATCH 3	2007 - 2010	RHK, RHR	2.0L	****						
	JUMPY/DISPATCH	1995 - 2001	220A2	1.6L	****	****		*	*	*	*
	JUMPY/DISPATCH	1996 - 2002	DHX, WJY	1.9L	****	****	*	*	*	*	*
	JUMPY/DISPATCH	1998 - 2001	RHX, RFN, RFN, RHW, RHZ	2.0L	****	****	*	*	*	*	*
	JUMPY/DISPATCH	1996 - 2001	P8C, P8C, P8C	2.1L	****	****	*	*	*	*	*
	JUMPY/DISPATCH 2	2002 - 2002	220A2	1.6L	****	****		*	*	*	*
	JUMPY/DISPATCH 2	2002 - 2003	WJY	1.9L	****	****		*	*	*	*
	JUMPY/DISPATCH 2	2002 - 2007	RFN, RFN, RHW, RHX, RHZ, RFN, RHW, RHX, RHZ, RHW, RHX, RHZ	2.0L	****	****	*	*	*	*	*
	NEMO	2008 - 2010	8HS, KfV	1.4L	****						
	SAXO	1996 - 2002	CDY, CDZ	1.0L	****	****	*	*	*	*	*
	SAXO	1996 - 2003	HDY, HDZ, HFX, HFX	1.1L	****	****	*	*	*	*	*
	SAXO	1996 - 2003	KFX, KFX, KFW, KFW	1.4L	****	****	*	*	*	*	*
	SAXO	1996 - 2003	VJX, VJU	1.5L	*			*	*	*	*
	SAXO	1996 - 2003	NFZ, NFZ, NFZ, NFX, NFZ, NFV, NFT, NFU, NFX	1.6L	****	****	*	*	*	*	*
	XANTIA	1995 - 2002	BFZ, BFZ	1.6L	****	****	*	*	*	*	*
	XANTIA	1995 - 2002	L6A, LFZ, LFZ, LFZ, LFZ, LFY, L6A, LFY, LFX, LFX, LFY, LFX, LFX, LFY, LFY	1.8L	****	****	*	*	*	*	*
	XANTIA	1995 - 2002	DHX	1.9L	****	****			*	*	*
	XANTIA	1995 - 2002	R6D, R6E, RFX, RFX, RFX, R6D, RFT, RFV, R6E, RFV, RFX, RGX, RHY, RHZ	2.0L	****	****	*	*	*	*	*
	XANTIA	1995 - 2000	P8C, P8C, P8C	2.1L	****	****	*	*	*	*	*
	XANTIA	1997 - 2002	XfZ, XfZ	3.0L	****	****			*	*	*
	XM	1995 - 2000	RFZ, RDZ, R6A, RFZ, RFZ, RGY, RDZ, RDZ, R6A, R6E, RFV, RFV, RGX	2.0L	****	****	*	*	*	*	*
	XM	1995 - 2000	P8C, P8C, P8C, PHZ	2.1L	****	****	*	*	*	*	*
	XM	1995 - 2000	THY, THY	2.5L	****	****			*	*	*
	XM	1995 - 2000	S6A, SFZ, UFY, UFZ, XfZ	3.0L	****	****			*	*	*
	XSARA	1997 - 2004	KFX, KFX, KFX, KFX, KFW, KFW, KFW, KFW, 8HY, 8HZ	1.4L	****	****	*	*	*	*	*
	XSARA	1997 - 2004	BFZ, NFX, NFZ, NFZ, NFV, NFU, NFU	1.6L	****	****	*	*	*	*	*
	XSARA	1997 - 2003	L6A, LFX, LFX, LFX, LFX, LFX, 6FZ, 6FZ	1.8L	****	****	*	*	*	*	*
	XSARA	1997 - 2004	DHV, WJY, WJY	1.9L	****	****			*	*	*
	XSARA	1997 - 2004	R6E, RFV, RFS, RFS, RFS, RFS, RFS, RFS, RHY, RHY, RFN, RFN, RFN, RHY, RHZ, RFN, RFN, RFN, RHY, RHZ, RHY, RHZ	2.0L	****	****	*	*	*	*	*
	XSARA PICASSO	2002 - 2003	KfV	1.4L	****	****			*	*	*
	XSARA PICASSO	1999 - 2008	NFZ, NFU, NFV, 5FZ, 9HY, 9HY, 9HZ, 9HZ, NFU, 9HX, 9HX	1.6L	****	****	*	*	*	*	*

CITROËN	Model	Years	Engine Code	Engine Info	(Refer to key for guidance on codes)						
					Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
	XSARA PICASSO	1999 - 2007	6FZ, 6FZ, 6FZ, 6FZ, 6FZ, 6FZ	1.8L	****	****	*	*	*	*	*
	XSARA PICASSO	1999 - 2007	RHY, RHY, RFN, RFN, RHZ, RFN, RFN, RHY	2.0L	****	****	*	*	*	*	*
	ZX	1995 - 1997	HDZ, HDY, HDY, HDZ, HDY, HDZ	1.1L	****	****	*	*	*	*	*
	ZX	1995 - 1997	KDY, KDX, KDX, KFX, KDX, KFX, KFX	1.4L	****	****	*	*	*	*	*
	ZX	1995 - 1997	B4A, B4A, B4A, BDY, BFZ, BFZ, BDY, BFZ, NFZ	1.6L	****	****	*	*	*	*	*
	ZX	1995 - 1997	L6A, LFZ, LFZ, LFZ, L6A, LFY, LFZ	1.8L	****	****	*	*	*	*	*
	ZX	1995 - 1997	R6D, RFX, RFX, RFS, RFS, R6D, RFT, RFT, RFX, RFX, RFS	2.0L	****	****	*	*	*	*	*

FIAT	Model	Years	Engine Code	Engine Info	(Refer to key for guidance on codes)						
					Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
	BARCETTA	1995 - 2004	183.A1.000, 183.A1.000, 183.A1.000, 188.A6.000	1.8L	****	•	•	•	•	•	•
	BRAVA/BRAVO	1998 - 2002	188.A5.000, 188.A5.000, 182.B2.000	1.2L	****	•	•	•	•	•	•
	BRAVA/BRAVO	1995 - 2000	182.A3.000, 182.A5.000	1.4L	****	•	•	•	•	•	•
	BRAVA/BRAVO	1995 - 2002	182.A4.000, 182.A4.000, 182.A4.027, 182.A6.000, 182.B6.000, 182.B6.000, 182.B6.000, 182.A4.027, 182.A6.000, 182.B6.000	1.6L	****	•	•	•	•	•	•
	BRAVA/BRAVO	1995 - 2002	182.A2.000, 182.A2.000, 182.A2.000	1.8L	****	•	•	•	•	•	•
	BRAVA/BRAVO	1995 - 2002	182.A8.000, 182.B9.000, 182.B9.000, 160.A7.000, 182.A7.000, 182.A8.000, 182.B4.000	1.9L	****	•	•	•	•	•	•
	BRAVA/BRAVO	1995 - 2001	182.A1.000, 182.A1.000, 182.B3.000, 182.B3.000, 182.B7.000, 182.B7.000, 182.B7.000, 182.B7.000	2.0L	****	•	•	•	•	•	•
	CINQUECENTO	1991 - 1998	170.A.000, 170.A.046, 171.A.000, 171.A.046	0.7L						•	
	CINQUECENTO	1991 - 1998	1170A1.000, 1170A1.046, 1170A1.046, 1170A1.046, 1170A1.046, 170.A1.046, 170.A1.046, 1170A1.046, 1170A1.046, 1170A1.046, 170.A1.046, 170.A1.046, 170.A1.046, 170.A1.046, 170.A1.046	0.9L	****	•	•	•	•	•	•
	CINQUECENTO	1991 - 1998	176.B2.000, 176.B2.000, 176.B2.000, 176.B2.000, 176.B2.000, 176.B2.000, 176.B2.000	1.1L	****	•	•	•	•	•	•
	COUPE	1996 - 2002	183.A1.000, 183.A1.000, 183.A1.000	1.8L	****	•	•	•	•	•	•
	COUPE	1994 - 2001	175.A3.000, 182.A1.000, 182.A1.000, 182.B3.000, 182.B3.000, 175.A1.000, 175.A1.000, 175.A4.000, 175.A4.000, 182.A1.000, 182.B3.000, 836.A3.000, 836.A3.000	2.0L	****	•	•	•	•	•	•

Codes and Tips • = Codes and Tips •• = Symptom Base Tests ••• = Both Available | Key Component Tests \* = Component Tests •• = Symptom Base Tests ••• = Both Available \*\*\*\* = Model Updated  
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## Fast-Track® Troubleshooter

(Refer to key for guidance on codes)

FIAT				(Refer to key for guidance on codes)						
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
CROMA	1986 - 1996	154.A.048, 154.A.000, 154.A.000, 154.A.048	1.6L						•	
CROMA	1986 - 1997	154.A1.000, 154.C2.000, 154.C3.046, 154.C4.000, 154.C4.046, 154.C5.000, 154.C5.000, 154.E1.000, 154.A2.000, 154.C2.000, 154.C3.000, 154.D1.000, 154.E1.000, 154.E1.000, 154.E1.027, 154.E1.027, 834.B.000, 834.B.000, 834.B.000, 154.E1.027, 154.E1.000, 154.E1.8144.97, 8144.97Y, 8144.97Y, 834.G.000, 834.G.000, 834.G.000, 834.G.000, 8144.67, 8144.91, 8144.97S	2.0L	•	•		•		•	
CROMA	1986 - 1997	223.A5.000, 223.A5.000, 223.A5.000, 223.A5.000, 223.A5.000, 188.A9.000, 199.A2.000, 223.A9.000	2.5L	•	•				•	
DOBLO	2000 - 2009	182.B9.000, 186.A9.000, 223.A6.000, 223.A7.000, 223.A7.000, 223.B1.000, 182.B9.000	1.2L	****	•				•	
DOBLO	2003 - 2010	182.B6.000	1.3L	****	•				•	
DOBLO	2001 - 2010	182.B9.000, 186.A9.000, 223.A6.000, 223.A7.000, 223.A7.000, 223.B1.000, 182.B9.000	1.6L	****	•				•	
DOBLO	2000 - 2010	149.B1.000, 230.A3.000, 230.A4.000, 230.A4.000, 230.A4.000, 230.A4.000, 280.A1.000, DHX	1.9L	****	•	•	•	•	•	
DUCATO (230)	1987 - 2001	170.B, 170.C, R5B, RHV, 170.D, RFW	1.9L	•	•				•	
DUCATO (230)	1986 - 2001	8140.67, 8144.21, 8144.61, 8140.27, 8140.47, 8140.47R, 8144.67, U25/661	2.0L	•	•			•	•	
DUCATO (230)	1986 - 2001	8140.67, 8144.21, 8144.61, 8140.27, 8140.47, 8140.47R, 8144.67, U25/661	2.5L	•	•				•	
DUCATO (230)	1994 - 2001	8140.43.220*, 8140.43.221*, 8140.43S, 8140.63, 8140.43.221*, 8140.43S, 8140.63	2.8L	****	•				•	
DUCATO RESTYLE (244)	2001 - 2006	RFL, RHV, RHV	2.0L	****	•				•	
DUCATO RESTYLE (244)	2001 - 2006	F1AE0481C, F1AE0481C	2.3L	****	•				•	
DUCATO RESTYLE (244)	2001 - 2006	146.C5.000, 146.C5.000, 146.C5.000, 146.C5.000, 146.D5.000, 146.D5.000, 146.D5.000, 146.D5.000	2.8L	****	•				•	
FIORINO	1992 - 2002	146.C5.000, 146.C5.000, 146.C5.000, 146.D5.000, 146.D5.000, 146.D5.000	1.4L	•	•		•		•	
FIORINO	1991 - 1994	149.C1.000, 149.C1.000	1.5L	•	•		•		•	
FIORINO	1992 - 2006	146.C6.000, 146.C6.000, 146.D6.000, 146.D6.000, 146.C6.000, 146.D6.000, 146.D6.000	1.6L	****	*		•		•	
FIORINO	1988 - 2002	146.B2.000, 146.D7.000, 149.B4.046, 146.D7.000, 149.B3.000	1.7L	•	•				•	
IDEA	2003 - 2010	188.A5.000	1.2L	****	•				•	
IDEA	2003 - 2009	188.A9.000, 199.A3.000	1.3L	****	•		•		•	
IDEA	2003 - 2009	843.A1.000	1.4L	****	•		•		•	
IDEA	2003 - 2008	188.B2.000, 188.B2.000	1.9L	****	•			*	•	
MAREA	1998 - 2002	182.B2.000	1.2L	****	•		•		•	
MAREA	1992 - 1999	182.A3.000, 182.A3.000	1.4L	****	•	•		•	*	
MAREA	1995 - 2002	182.B5.098, 182.B6.000, 182.B6.000, 185.A3.000, 182.A4.000, 182.A4.000, 182.B5.098, 182.B6.000, 182.B6.000, 185.A3.000	1.6L	****	•	•	•	•	•	

(Refer to key for guidance on codes)

FIAT				(Refer to key for guidance on codes)						
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
MAREA	1996 - 2002	182.A2.000, 182.A2.000, 182.A2.000	1.8L	****	•	•	•	•	•	
MAREA	1995 - 2002	182.A8.000, 182.B4.000, 182.A7.000, 182.A8.000, 182.B9.000, 182.B9.000, 186.A6.000, 186.A6.000	1.9L	****	•	•	•	•	•	
MAREA	1996 - 2002	182.B7.000, 182.B7.000, 182.A1.000, 182.A1.000, 182.A1.000, 182.A1.011, 182.A1.011, 182.A1.011, 182.B7.000, 185.A8.000	2.0L	****	•	•	•	•	•	
MAREA	1996 - 2002	185.A2.000, 185.A6.000, 160.A7.000, 160.A7.000, 182.A7.000, 182.A8.000, 182.A8.000, 182.B4.000, 186.A6.000, 160.A6.000, 186.A6.000	2.4L	****	•	•	•	•	•	
MARENGO	1990 - 2002	182.A4.000, 182.B6.000, 186.A3.000, 186.A3.000, 186.A3.000, 186.A4.000, 186.A4.000, 186.A4.000, 186.A4.000, 182.B6.000, 182.B6.000, 182.B6.000, 186.A3.000, 186.A3.000, 186.A4.000, 186.A4.000	1.9L	•	•	•	•	•	•	
MULTIPLA	1998 - 2009	186.A6.000, 182.B4.000, 186.A6.000, 186.A8.000, 186.A8.000, 186.A9.000	1.6L	****	•	•	•	•	•	
MULTIPLA	1998 - 2010	186.A6.000, 182.B4.000, 186.A6.000, 186.A8.000, 186.A8.000, 186.A9.000, 186.A9.000	1.9L	****	•	•	•	•	•	
PALIO/SIENA/ALBEA	1997 - 2004	Null	1.0L	•	•				•	
PALIO/SIENA/ALBEA	1997 - 2001	Null	1.1L	•	•				•	
PALIO/SIENA/ALBEA	1997 - 2006	178.B5.000, 178.B5.000, 178.B5.000, 178.C4.066, 178.C4.066, 178.C4.066, 178.C4.066, 178.C4.066, 178.E3.000, 178.E3.000, 178.E3.000, 178.E3.000, 188.A4.000, 188.A4.000, 188.A5.000, 178.B5.000, 178.B5.000, 178.B5.000, 178.B5.000, 178.B5.000, 178.B7.045, 178.B7.045, 178.B7.045, 178	1.2L	****	•				•	
PALIO/SIENA/ALBEA	2003 - 2004	188.A9.000	1.3L	•	•				•	
PALIO/SIENA/ALBEA	1997 - 2004	178.B2.000, 178.B2.016	1.4L	•	•				•	
PALIO/SIENA/ALBEA	2000 - 2004	178.E5.022	1.5L	•	•				•	
PALIO/SIENA/ALBEA	1997 - 2006	178.B3.000, 178.B3.000, 178.B3.000, 178.B3.000, 178.B3.000, 178.C7.098, 178.D2.011, 178.E7.000, 178.E7.000, 178.E7.000, 182.B6.000, 182.B6.000, 182.B6.000, 178.B3.000, 178.C7.098, 178.C8.098, 178.E7.000, 182.B6.000	1.6L	****	•				•	
PALIO/SIENA/ALBEA	1997 - 2004	176.A3.000, 176.B7.000, 176.A3.000, 176.B3.000, 176.B7.000, 178.C9.066, 178.C9.066	1.7L	•	•				•	
PALIO/SIENA/ALBEA	2000 - 2006	188.A2.000, 188.A2.000, 223.A6.000	1.9L	****	•	•		•	•	
PANDA (141)	1986 - 1995	156.A4.048, 141.B.000, 141.B.000, 156.A4.000, 156.A4.000, 156.A4.048	0.8L						•	
PANDA (141)	1986 - 2001	100.GL3, 1170A1.046, 1170A1.046, 1170A1.046, 146.A.048, 1170A1.046, 1170A1.046, 1170A1.046, 1170A1.046, 1170A1.046, 146.A.048	0.9L	****	•		•		•	



# Fast-Track® Troubleshooter

Codes and Tips \* = Codes and Tips \*\* = Symptom Base Tips \*\*\* = Both Available | Key Component Tests \* = Component Tests \*\* = Symptom Base Tips \*\*\* = Both Available \*\*\*\* = Model Updated Dark grey lines indicate new content at 1.4.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

		(Refer to key for guidance on codes)							
FIAT			Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years	Engine Code							
TIPO	1987 - 1995	160.A6.046, 160.A6.046, 160.A7.000, 160.B6.046, 160.D1.000, 160.A6.000, 160.D1.000	1.9L	•	•				•
TIPO	1990 - 1995	159.A5.000, 159.A5.046, 159.A6.000, 159.A6.011, 159.A6.046, 836.A3.000, 836.A3.011, 836.A3.011, 836.A3.000, 836.A3.011, 159.A5.046, 159.A6.011, 159.A6.046, 160.A8.046, 160.A8.046, 836.A3.000, 836.A3.000, 836.A3.000, 836.A3.011, 836.A3.011	2.0L	•	•	•	•		•
ULYSSE (179)	2002 - 2005	RFN, RHM, RFN, RFN, RHW	2.0L	****	•			•	•
ULYSSE (179)	2002 - 2005	4HW	2.2L	****	•			•	•
ULYSSE (179)	2002 - 2004	XFW	3.0L	•	•			•	•
ULYSSE (220)	1996 - 2000	LFW	1.8L	•	•			•	•
ULYSSE (220)	1995 - 2000	DHX, D8B	1.9L	•	•			•	•
ULYSSE (220)	1994 - 2002	RFN, RGX, RHW, RFU, RFV, RHZ	2.0L	****	•	•	•	•	•
ULYSSE (220)	1995 - 2000	P8C	2.1L	•	•	•	•	•	•
UNO	1986 - 2005	146.A2.166, 146.C7.000, 146.D8.000, 146.D8.000, 146.A2.166, 146.B4.000, 146.C7.000, 156.A2.000, 156.A2.048, 156.A2.100, 156.A2.246, 156.A2.246, 156.A2.246, 156.A2.246, 156.A2.246	1.0L	****	•		•		•
UNO	1986 - 2004	146.C3.000, 146.C3.000, 146.C3.000, 156.C.046, 156.C.046, 156.C.046, 160.A3.000, 146.A4.048, 146.A6.000, 146.C3.000, 146.C3.000, 146.C3.000, 156.C.046, 156.C.046, 160.A3.000	1.1L	****	•		•		•
UNO	1989 - 2004	178.D5.066, 178.D5.066, 178.D5.066, 178.D5.066	1.2L	•	•				•
UNO	1986 - 1991	146.A2.246, 146.B1.000, 149.A7.000, 146.A2.000	1.3L				•		•
UNO	1986 - 2004	146.A8.000, 146.B.000, 146.B3.000, 146.C1.000, 146.C2.028, 160.A1.046, 160.A1.048, 160.A1.048, 146.A8.046, 146.A8.046, 146.C1.000, 146.C2.028, 160.A1.046	1.4L	•	•		•		•
UNO	1986 - 1995	138.C2.048, 149.C1.000, 149.C1.000, 149.C1.000, 149.C1.000	1.5L	****	•		•		•

		(Refer to key for guidance on codes)							
FORD			Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years	Engine Code							
Cougar	1999 - 2001	B	2.0L	•	•			•	•
Cougar	1999 - 2001	S	2.5L	•	•			•	•
ESCORT	1995 - 2002	B, J5, J6, JB	1.3L	•	•	•		•	•
ESCORT	1995 - 2002	A, F6, FU, F4	1.4L	•	•			•	•
ESCORT	1995 - 2002	L1, L1, E, LJ	1.6L	•	•	•		•	•
Escort	1995 - 2002	RD, RQ	1.8L	•	•	•		•	•
ESCORT	1995 - 2002	N7	2.0L	•	•	•		•	•

		(Refer to key for guidance on codes)							
FORD			Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years	Engine Code							
ESCORT/ORION	1992 - 1994	J6	1.3L	•	•	•		•	•
ESCORT/ORION	1992 - 1994	F6	1.4L	•	•	•		•	•
ESCORT/ORION	1992 - 1994	L1, LJ	1.6L	•	•	•		•	•
ESCORT/ORION	1992 - 1994	RD, RQ	1.8L	•	•	•		•	•
FIESTA	1992 - 1996	G6	1.1L	•	•	•		•	•
FIESTA	1998 - 2008	D, U, 7	1.25	•	•	•		•	•
FIESTA	1992 - 2008	9, A, J6, X, 4, J4, JJ	1.3L	•	•	•	•	•	•
FIESTA	1992 - 2008	F4, F6, 6, F, X	1.4L	•	•	•		•	•
FIESTA	1992 - 2009	LJ, Y, H, L1, LH, Y	1.6L	•	•	•		•	•
FIESTA	1992 - 2002	R, RD, RQ, RT, H	1.8L	•	•	•		•	•
FOCUS	1998 - 2005	P	1.4L	•	•	•		•	•
Focus	1998 - 2005	H, U, C, Q	1.6L	•	•	•		•	•
FOCUS	1998 - 2005	A, B, J, L, F, M	1.8L	•	•	•		•	•
FOCUS	1998 - 2005	K, S, T	2.0L	•	•	•		•	•
FOCUS (2005)	2004 - 2011	A	1.4L	•	•	•		•	•
Focus (2005)	2004 - 2011	1, B, 2	1.6L	•	•	•		•	•
FOCUS (2005)	2004 - 2006	F, H, 4	1.8L	•	•	•		•	•
Focus (2005)	2004 - 2011	3, E	2.0L	•	•	•		•	•
FOCUS (2005)	2004 - 2005	J	2.5L	•	•	•		•	•
Focus C-Max	2003 - 2010	1, H, 2, B, C	1.6L	•	•	•	•	•	•
FOCUS C-MAX	2003 - 2006	F, H, 4	1.8L	•	•	•		•	•
FOCUS C-MAX	2003 - 2010	E, 3	2.0L	•	•	•		•	•
Focus RS (2005)	2004 - 2010	1	1.6L	•	•	•		•	•
Fusion	2002 - 2011	U	1.25	•	•	•		•	•
FUSION	2002 - 2011	6, X	1.4L	•	•	•		•	•
Fusion	2002 - 2011	H, Y	1.6L	•	•	•		•	•
GALAXY	1995 - 2006	1Z, F, H, A, AFN, B, J, MF, R	1.9L	•	•	•		•	•
GALAXY	1995 - 2006	L, NSE, S	2.0L	•	•	•		•	•
GALAXY	1995 - 2006	6, 5, D, Y5B	2.3L	•	•	•		•	•
GALAXY	1995 - 2006	AAA, K	2.8L	•	•	•		•	•
GRANADA/SCORPIO	1992 - 1995	N9	2.0L	•	•	•		•	•
GRANADA/SCORPIO	1992 - 1995	BO, BR	2.9L	•	•	•		•	•
KA	1996 - 2009	X, 4, E, F, J4, JJ	1.3L	•	•	•		•	•
KA	2003 - 2006	D	1.6L	•	•	•		•	•
MAVERICK	2001 - 2006	B	2.0L	•	•	•		•	•
MAVERICK	1993 - 2001	KA	2.4L	•	•	•		•	•
MAVERICK	1993 - 2001	TD	2.7L	•	•	•		•	•
MAVERICK	2001 - 2006	1	3.0L	•	•	•		•	•
Mondeo	1993 - 2000	L1, P	1.6L	•	•	•		•	•
MONDEO	1993 - 2007	F, H, H, RK, G, J, RF	1.8L	•	•	•		•	•
MONDEO	1993 - 2007	6, 7, NG, 3, 5, 8, B, J	2.0L	•	•	•		•	•
MONDEO	2004 - 2007	4	2.2L	•	•	•		•	•
MONDEO	1994 - 2007	S, SE, T, H, S	2.5L	•	•	•	•	•	•
Mondeo	2002 - 2007	U	3.0L	•	•	•		•	•
PUMA	1997 - 2004	F, FH	1.4L	•	•	•		•	•
PUMA	1997 - 2004	M, MH	1.7L	•	•	•		•	•
RANGER	1999 - 2006	WL	2.5L	•	•	•		•	•
SCORPIO	1994 - 2002	N3, NS	2.0L	•	•	•		•	•
SCORPIO	1994 - 2002	Y5	2.3L	•	•	•		•	•
SCORPIO	1994 - 2002	SC	2.5L	•	•	•		•	•
SCORPIO	1994 - 2002	BO, BR	2.9L	•	•	•		•	•
SIERRA COSWORTH	1992 - 1993	N5	2.0L	•	•	•		•	•
SIERRA/SAPPHIRE	1992 - 1994	L6	1.6L	•	•	•		•	•
SIERRA/SAPPHIRE	1992 - 1994	R6	1.8L	•	•	•		•	•
SIERRA/SAPPHIRE	1992 - 1994	N4, N9	2.0L	•	•	•		•	•
SIERRA/SAPPHIRE	1992 - 1994	B4	2.9L	•	•	•		•	•
STREET KA	2002 - 2006	D	1.6L	•	•	•		•	•
TRANSIT	1992 - 2006	ABFA, D3FA, F3FA, NS, F1FA, NC	2.0L	•	•	•	•	•	•

# Fast-Track® Troubleshooter

FORD			(Refer to key for guidance on codes)						
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
TRANSIT	2000 - 2006	E5FC, E5FA	2.3L	•	•			•	•
TRANSIT	2000 - 2006	DOFA, D2FA, D2FB, F4FA, FXFA, H9FA, D4FA	2.4L	•	•	•	•	•	•
Transit	1992 - 2000	4F, 4E, 4G, 4H	2.5L	•	•	•	•	•	•
TRANSIT	1992 - 1995	BR	2.9L	•	•	•	•	•	•
TRANSIT CONNECT	2002 - 2006	EYPA, HCPA, BHPA, HCPB	1.8L	•	•			•	•

LANCIA			(Refer to key for guidance on codes)						
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
DEDRA	1989 - 2001	835.A1,046, 835.C1,000, 835.C1,000, 159.B9,000, 159.B9,000, 159.B9,000, 182.A4,000, 835.A1,000, 835.A1,046, 835.A1,046, 835.C1,000	1.6L	•	•	•	•	•	•
DEDRA	1989 - 1999	182.A2,000, 835.A2,000, 835.A2,046, 836.A5,000, 836.A5,000, 183.A1,000, 835.A2,000, 835.A2,046, 835.C5,000	1.8L	•	•		•	•	•
DEDRA	1993 - 1999	835.A4,000, 160.D1,000, 160.D1,000, 835.A4,000	1.9L	•	•			•	•
DEDRA	1987 - 1999	835.A5,000, 835.A5,045, 835.A5,046, 835.A7,000, 835.A8,046, 836.A3,000, 835.A5,000, 835.A5,045, 835.A5,046, 835.A7,000, 835.A7,046, 835.A7,046, 835.A8,000, 835.A8,000, 835.A8,046, 836.A3,000	2.0L	•	•		•	•	•
DELTA	1986 - 1993	831.B8,000	1.1L						•
DELTA	1986 - 1993	3831.B,000, 831.B,000, 1831.B,000	1.3L						•
DELTA	1994 - 2001	160.A1,046, 160.A1,046, 836.A4,000, 836.A4,000, 836.A4,000, 160.A1,046, 160.A1,046, 836.A4,000	1.4L	•	•		•	•	•
DELTA	1986 - 1993	831.B1,048, 831.B1,000	1.5L						•
DELTA	1986 - 2001	182.A4,000, 182.A4,000, 182.A6,000, 182.A6,000, 831.B3,000, 831.B6,000, 831.B7,000, 149.C2,000, 831.B3,000, 831.B7,000, 831.B7,000, 835.C1,000, 835.C1,000	1.6L	•	•		•	•	•
DELTA	1994 - 1999	182.A2,000, 183.A1,000, 183.A1,000, 835.C2,000, 835.C4,000, 836.A5,000, 836.A6,000, 836.C4,000, 182.A2,000, 835.C2,000, 835.C4,000, 836.A5,000, 836.A6,000, 836.C4,000	1.8L	•	•		•	•	•
DELTA	1986 - 1999	160.D1,000, 831.D1,000, 835.A4,000, 160.D1,000	1.9L	•	•			•	•

LANCIA			(Refer to key for guidance on codes)						
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
DELTA	1987 - 2001	175.A4,000, 831.C5,000, 831.C5,046, 831.E5,046, 836.A2,000, 836.A3,000, 836.A3,000, 175.A4,000, 831.B5,000, 831.C5,046, 831.D5,000, 831.E5,000, 836.A2,000	2.0L	•	•		•	•	•
KAPPA	1994 - 2001	834.A4,000, 834.A4,000, 838.A1,000, 838.A4,000, 175.A3,000, 838.A6,000, 838.A4,000, 838.A6,000, 838.A6,000	2.0L	•	•	•	•	•	•
KAPPA	1994 - 2001	838.A2,000, 838.A2,000, 838.A3,000, 838.A2,000, 838.A2,027, 838.A2,027, 838.A7,000, 838.B2,000, 838.A2,027, 838.A8,000, 838.B2,000, 838.B2,000	2.4L	•	•	•	•	•	•
KAPPA	1994 - 2001	838.000, 838.000, 838.B,000, 838.B,000	3.0L	•	•		•	•	•
LYBRA	1997 - 2004	182.A4,000, 182.B6,000, 182.B6,000, 182.B6,000, 182.B6,000	1.6L	•	•			•	•
LYBRA	1998 - 2004	839.A4,000, 839.A7,000, 839.A9,000, 839.A4,000, 839.A7,000	1.8L	•	•	•	•	•	•
LYBRA	1998 - 2004	371.01, 937.A2,000, 323.02	1.9L	•	•	•	•	•	•
LYBRA	1998 - 2004	182.B7,000, 182.B7,000, 185.A8,000, 185.A8,000	2.0L	•	•			•	•
LYBRA	1998 - 2004	325.01, 841.C,000, 192.A2,000, 839.A5,000, 839.A6,000, 841.C,000, 841.C,000	2.4L	•	•	•	•	•	•
PHEDRA	2002 - 2004	RFN, RFN, RFN, RHM, RHW	2.0L	•	•			•	•
PHEDRA	2002 - 2004	4HW	2.2L	•	•			•	•
PHEDRA	2002 - 2004	XFW	3.0L	•	•			•	•
PRISMA	1986 - 1990	831.B,000	1.3L					•	•
PRISMA	1986 - 1990	831.B1,048, 831.B1,000	1.5L					•	•
PRISMA	1986 - 1993	831.B3,000, 831.B3,000, 831.B7,000, 831.B7,000, 831.B7,046	1.6L	•	•			•	•
PRISMA	1986 - 1993	831.D,000, 831.D1,000	1.9L					•	•
PRISMA	1986 - 1989	831.B4,000, 831.B4,000, 831.B4,000, 831.B4,000	2.0L	•	•			•	•
THEMA	1986 - 1994	834.B2,000, 834.B2,246, 834.C1,246, 834.B,000, 834.B,146, 834.B1,000, 834.C,146, 834.C1,000, 834.F1,000, 834.F2,000	2.0L	•	•	•	•	•	•
THEMA	1986 - 1994	8144.91, 8144.975, 8144.97, 8144.97Y, 8144.97Y	2.5L	•	•			•	•
THEMA	1986 - 1991	834.E,146, 834.E,000	2.8L					•	•
THEMA	1987 - 1994	F105L, 834.F,000, F105L,046	3.0L	•	•	•	•	•	•
THESIS	2002 - 2004	841.E,000	2.0L	•	•			•	•
THESIS	2002 - 2004	841.C,000, 841.D,000, 841.G,000, 841.M,000, 841.N,000, 841.C,000, 841.C,000, 841.H,000	2.4L	•	•			•	•
THESIS	2002 - 2004	841.A,000	3.0L	•	•			•	•
THESIS	2003 - 2004	932.A,000	3.2L	•	•			•	•
Y10	1986 - 1996	156.A,000, 156.A2,246, 156.A2,246, 156.A2,000, 156.A1,000, 156.A2,000, 156.A2,048, 156.A2,100	1.0L	•	•		•	•	•
Y10	1989 - 1996	156.C,000, 156.C,046, 176.B2,000, 156.C,000, 156.C,046, 156.C,046	1.1L	•	•		•	•	•

Codes and Tips • = Codes and Tips •• = Symptom Base Tips ••• = Both Available | Key Component Tests • = Component Tests •• = Symptom Base Tips ••• = Both Available \*\*\*\* = Model Updated  
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## Fast-Track® Troubleshooter

LANCIA		(Refer to key for guidance on codes)								
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
Y10	1986 - 1996	146.A5,046, 156.B,000	1.3L	•	•	•	•	•	•	
YPSILON (840)	1996 - 2001	176.B2,000, 176.B2,000	1.1L	•	•	•	•	•	•	
YPSILON (840)	1996 - 2004	188.A4,000, 188.A4,000, 188.A5,000, 188.A5,000, 840.A3,000, 840.A3,000, 176.B9,000, 188.A4,000, 188.A4,000	1.2L	•	•	•	•	•	•	
YPSILON (840)	1996 - 2001	840.A2,000, 840.A4,000	1.4L	•	•	•	•	•	•	
YPSILON (843)	2003 - 2004	188.A4,000, 188.A4,000, 188.A5,000, 188.A4,000, 188.A4,000	1.2L	•	•	•	•	•	•	
YPSILON (843)	2003 - 2004	188.A9,000	1.3L	•	•	•	•	•	•	
YPSILON (843)	2003 - 2004	843.A1,000	1.4L	•	•	•	•	•	•	
ZETA	1994 - 2002	RFV, RGX, RHZ, RFN, RHW	2.0L	•	•	•	•	•	•	
ZETA	1996 - 2000	P8C	2.1L	•	•	•	•	•	•	

LAND ROVER		(Refer to key for guidance on codes)								
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
DEFENDER	1999 - 2006	Null	2.5L	•	•	•	•	•	•	
DISCOVERY	1995 - 1999	20T4	2.0L	•	•	•	•	•	•	
DISCOVERY	1991 - 1993	22D	3.5L	****	•	•	•	•	•	
DISCOVERY	1993 - 1998	35D, 37D, 38D	3.9L	****	•	•	•	•	•	
DISCOVERY 3	2005 - 2009	Null	2.7L	****	•	•	•	•	•	
DISCOVERY 3	2006 - 2009	406PN	4.0L	****	•	•	•	•	•	
DISCOVERY 3	2006 - 2009	448PN	4.4L	****	•	•	•	•	•	
DISCOVERY II	1998 - 2005	10P, 10P, 15P, 15P	2.5L	****	*	*	•	•	•	
DISCOVERY II	1998 - 2005	36D	4.0L	****	*	•	•	•	•	
FREELANDER	1997 - 2005	18K4, 18K4FK	1.8L	****	•	•	•	•	•	
FREELANDER	1997 - 2006	Null	2.0L	•	•	•	•	•	•	
FREELANDER	2001 - 2005	25K4	2.5L	•	•	•	•	•	•	
FREELANDER 2	2007 - 2010	224DT	2.2L	****	•	•	•	•	•	
FREELANDER 2	2007 - 2010	B6324S	3.2L	****	•	•	•	•	•	
RANGE ROVER	1995 - 2002	M51, M51	2.5L	•	•	•	•	•	•	
RANGE ROVER	2002 - 2006	TD6	3.0L	****	•	•	•	•	•	
RANGE ROVER	2007 - 2010	368DT, 368DT	3.6L	****	•	•	•	•	•	
RANGE ROVER	1995 - 2001	44D, 58D	4.0L	****	•	•	•	•	•	
RANGE ROVER	2006 - 2009	428PS	4.2L	****	•	•	•	•	•	
RANGE ROVER	2002 - 2009	448PN, M62Tu	4.4L	****	•	•	•	•	•	
RANGE ROVER	1995 - 2001	48D, 60D	4.6L	****	•	•	•	•	•	
RANGE ROVER CLASSIC	1992 - 1995	37D, 38D	3.9L	****	•	•	•	•	•	
RANGE ROVER SPORT	2005 - 2009	Null	2.7L	****	•	•	•	•	•	
RANGE ROVER SPORT	2007 - 2010	368DT, 368DT	3.6L	****	•	•	•	•	•	
RANGE ROVER SPORT	2005 - 2009	428PS, 428PS	4.2L	****	•	•	•	•	•	
RANGE ROVER SPORT	2005 - 2009	448PN	4.4L	****	•	•	•	•	•	

OPEL/VAUX		(Refer to key for guidance on codes)								
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
AGILA	2000 - 2007	Z10XE, Z10XEP	1.0L	•	•	•	•	•	•	
AGILA	2000 - 2007	Z12XE, Z12XEP	1.2L	•	•	•	•	•	•	

OPEL/VAUX		(Refer to key for guidance on codes)								
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
AGILA	2004 - 2007	Z13DT	1.3L	•	•	•	•	•	•	
AGILA-B	2008 - 2011	K10B	1.0L	•	•	•	•	•	•	
AGILA-B	2008 - 2010	K12B	1.2L	•	•	•	•	•	•	
AGILA-B	2008 - 2009	D13A/Z13DT	1.3L	•	•	•	•	•	•	
ANTARA	2007 - 2009	Z20DMH, Z20DM	2.0L	•	•	•	•	•	•	
ANTARA	2007 - 2009	Z24XE	2.4L	•	•	•	•	•	•	
ASCONA/CAVALIER MKII	1986 - 1989	C16NZ, E16NZ	1.6L	•	•	•	•	•	•	
ASCONA/CAVALIER MKII	1986 - 1989	20SEH, C20NEF, 20NE, C20NE	2.0L	•	•	•	•	•	•	
ASTRA-F	1992 - 2002	14SE (UP TO 1995), C14NZ, C14NZ (FROM 1995), C14SE (FROM 1995), C14SE (UP TO 1995), X14XE, 14SE, 14SE (FROM 1995), C14NZ (UP TO 1995), C14SE, X14NZ	1.4L	•	•	•	•	•	•	
ASTRA-F	1992 - 2002	16LZ2, C16NZ, C16SE (FROM 1995), X16SZ (FROM 1995), X16SZR, C16SE, C16SE (UP TO 1995), X16SZ, X16SZ (UP TO 1995), X16SZR, X16XEL, X16XEL	1.6L	•	•	•	•	•	•	
ASTRA-F	1992 - 1999	18SE, C18NZ, C18SEL, C18XEL, C18XE, X18XE	1.8L	•	•	•	•	•	•	
ASTRA-F	1992 - 1998	C20XE, X20XEV, X20XEV, C20NE, C20XE	2.0L	•	•	•	•	•	•	
ASTRA-G	1998 - 2009	Z12XE, X12XE	1.2L	•	•	•	•	•	•	
ASTRA-G	1998 - 2009	Z14XE, Z14XEP, X14XE	1.4L	•	•	•	•	•	•	
ASTRA-G	1998 - 2009	Z16YNG, C16SEL, X16SZR, X16XEL, Z16SE, Z16XE, Z16XEP	1.6L	•	•	•	•	•	•	
ASTRA-G	1998 - 2009	Y17DIT, Y17DTL, X17DTL, Y17DT, Z17DTL	1.7L	•	•	•	•	•	•	
ASTRA-G	1998 - 2009	X18XE1, Z18XE, Z18XEL	1.8L	•	•	•	•	•	•	
ASTRA-G	1998 - 2009	X20XEV, Y20DTL, X20DTL, X20XER, Y20DTH, Y20DTH, Z20LET	2.0L	•	•	•	•	•	•	
ASTRA-G	2000 - 2009	Y22DTR, Z22SE, Y22DTR	2.2L	•	•	•	•	•	•	
ASTRA-H	2006 - 2009	Z12XEP	1.2L	•	•	•	•	•	•	
ASTRA-H	2004 - 2009	Z14XEP, Z14XEL	1.4L	•	•	•	•	•	•	
ASTRA-H	2004 - 2011	Z16LET, Z16XEP, Z16XER, A16LET, A16XER, Z16XE1	1.6L	•	•	•	•	•	•	
ASTRA-H	2004 - 2009	A17DTR, Z17DTH, Z17DTL, Z17DTR	1.7L	•	•	•	•	•	•	
ASTRA-H	2004 - 2011	Z18XER, Z18XE	1.8L	•	•	•	•	•	•	
ASTRA-H	2005 - 2009	Z19DT, Z19DTH, Z19DTJ	1.9L	•	•	•	•	•	•	
ASTRA-H	2004 - 2009	Z20LEL, Z20LEH, Z20LER	2.0L	•	•	•	•	•	•	
ASTRA-H	2007 - 2009	Z22YH	2.2L	•	•	•	•	•	•	
CALIBRA	1990 - 1997	20NE, 20NE, 20XE, C20NE, C20NE, C20XE, 20XE, C20LET, C20XE, C20XE, C20XE, X20XEV, X20XEV	2.0L	•	•	•	•	•	•	
CALIBRA	1993 - 1997	C25XE, X25XE	2.5L	•	•	•	•	•	•	
CARLTON/REKORD	1987 - 1987	20SE	2.0L	•	•	•	•	•	•	
CORSA/NOVA/BARINA	1991 - 1993	12NZ, C12NZ, C12NZ, X12SZ	1.2L	•	•	•	•	•	•	
CORSA/NOVA/BARINA	1986 - 1990	C13N	1.3L	•	•	•	•	•	•	
CORSA/NOVA/BARINA	1990 - 1993	C14SE, C14SE, C14NZ, C14NZ, C16NZ, C16SEI, C16SE, C16SEI, C16XE, E16SE, E16SE	1.4L	•	•	•	•	•	•	
CORSA/NOVA/BARINA	1988 - 1993	C16SE, C16SEI, C16SEI, C16XE, E16SE, E16SE	1.6L	•	•	•	•	•	•	
CORSA-B	1997 - 2000	X10XE	1.0L	•	•	•	•	•	•	
CORSA-B	1993 - 2000	12NZ (UP TO 1995), C12NZ, C12NZ (UP TO 1995), X12XE, 12NZ, 12NZ (FROM 1995), C12NZ (FROM 1995), X12SZ, X12SZ (FROM 1995), X12SZ (UP TO 1995)	1.2L	•	•	•	•	•	•	

# Fast-Track® Troubleshooter

(Refer to key for guidance on codes)

OPEL/VAUX			Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years	Engine Code							
CORSA-B	1993 - 2001	C14NZ (FROM 1995), C14SE (FROM 1995), C14NZ (UP TO 1995), C14SE, C14SE (UP TO 1995), C14SEL, X14SZ, X14XE, X14XE	1.4L	•	•	•	•	•	•
CORSA-B	1993 - 2000	C16SEI, C16SEL, E16SE, X16XE, C16SE, C16XE, X16XE	1.6L	•	•	•	•	•	•
CORSA-B/COMBO-B	1997 - 2000	X10XE	1.0L	•	•	•	•	•	•
CORSA-B/COMBO-B	1993 - 2000	C12NZ, C12NZ (FROM 1995), X12SZ, 12NZ, 12NZ (FROM 1995), 12NZ (UP TO 1995), C12NZ (UP TO 1995), X12XE	1.2L	•	•	•	•	•	•
CORSA-B/COMBO-B	1993 - 2001	C14NZ, C14NZ (FROM 1995), C14SE (FROM 1995), C14SE (UP TO 1995), X14XE, C14NZ (UP TO 1995), C14SE	1.4L	•	•	•	•	•	•
CORSA-B/COMBO-B	1993 - 1996	C16XE, X16XE	1.6L	•	•	•	•	•	•
CORSA-C/COMBO-C	2000 - 2009	Z10XE, Z10XEP	1.0L	•	•	•	•	•	•
CORSA-C/COMBO-C	2000 - 2009	Z12XE, Z12XEP	1.2L	•	•	•	•	•	•
CORSA-C/COMBO-C	2004 - 2009	Z13DT, Z13DTJ	1.3L	•	•	•	•	•	•
CORSA-C/COMBO-C	2000 - 2009	Z14XE, Z14XEP	1.4L	•	•	•	•	•	•
CORSA-C/COMBO-C	2001 - 2009	Z16YNG, Z16SE	1.6L	•	•	•	•	•	•
CORSA-C/COMBO-C	2000 - 2009	Y17DT, Y17DTL, Z17DTH	1.7L	•	•	•	•	•	•
CORSA-C/COMBO-C	2001 - 2009	Z18XE	1.8L	•	•	•	•	•	•
CORSA-D	2006 - 2009	Z10XEP	1.0L	•	•	•	•	•	•
CORSA-D	2006 - 2009	Z12XEP	1.2L	•	•	•	•	•	•
CORSA-D	2006 - 2011	A13DTR, Z13DTJ, A13DTC, Z13DTH	1.3L	•	•	•	•	•	•
CORSA-D	2006 - 2009	Z14XEP	1.4L	•	•	•	•	•	•
CORSA-D	2007 - 2009	Z16LEL, Z16LER	1.6L	•	•	•	•	•	•
CORSA-D	2007 - 2007	Z17DTR	1.7L	•	•	•	•	•	•
FRONTERA	1991 - 1998	C20NE, X20SE, C20NE	2.0L	•	•	•	•	•	•
FRONTERA	1995 - 1998	X22XE	2.2L	•	•	•	•	•	•
FRONTERA	1991 - 1995	C24NE, C24NE	2.4L	•	•	•	•	•	•
FRONTERA	1997 - 1998	Z5TDS	2.5L	•	•	•	•	•	•
FRONTERA-B	1998 - 2003	X22DTH, Y22DTH, Y22DTH	2.2L	•	•	•	•	•	•
INSIGNIA	2009 - 2009	A16LET(LLU)	1.6L	•	•	•	•	•	•
INSIGNIA	2009 - 2011	A20DTR(LBY), A20DTC(LCD), A20DTH(LBS), A20DTJ(LBX), A20NHT(LDK)	2.0L	•	•	•	•	•	•
INSIGNIA	2009 - 2009	A28NET(LBW)	2.8L	•	•	•	•	•	•
KADETT/ASTRA/BELMONT	1986 - 1990	C13N	1.3L	•	•	•	•	•	•
KADETT/ASTRA/BELMONT	1990 - 1992	C14NZ, C14NZ	1.4L	•	•	•	•	•	•
KADETT/ASTRA/BELMONT	1986 - 1992	16SV, 16SV, C16LZ, C16NZ, E16NZ, E16NZ, 16SV, C16NZ	1.6L	•	•	•	•	•	•
KADETT/ASTRA/BELMONT	1989 - 1992	C18NZ, C18NZ, 18SV	1.8L	•	•	•	•	•	•
KADETT/ASTRA/BELMONT	1986 - 1992	20NE, 20NE, 20SEH, 20SEH, 20SER, 20SER, 20SER, 20XE, C20NE, C20NE, C20XE, C20XE, 20NE, 20NE, 20SEH, 20SEH, 20SER, 20XEJ, C20NE, C20NE	2.0L	•	•	•	•	•	•
MERIVA	2005 - 2009	Z13DT, Z13DTJ	1.3L	•	•	•	•	•	•
MERIVA	2004 - 2009	Z14XEP	1.4L	•	•	•	•	•	•
MERIVA	2003 - 2009	Z16SE, Z16XE, Z16XE (16v), Z16XEP	1.6L	•	•	•	•	•	•
MERIVA	2003 - 2009	Y17DT, Z17DTH, Z17DT, Z17DTR	1.7L	•	•	•	•	•	•
MERIVA	2003 - 2009	Z18XE	1.8L	•	•	•	•	•	•
MERIVA-B	2011 - 2011	A17DT(LUB)	1.7L	•	•	•	•	•	•
OMEGA/CARLTON	1987 - 1990	E18NVR, 18SV	1.8L	•	•	•	•	•	•

(Refer to key for guidance on codes)

OPEL/VAUX			Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years	Engine Code							
OMEGA/CARLTON	1986 - 1994	20SE, C20NE, C20NE, C20NE, C20NEJ, C20NEJ, C20NEJ, 20SE, 20SE, 20SE, C20NE, C20NEF, C20NEF, C20NEF, C20NEF	2.0L	•	•	•	•	•	•
OMEGA/CARLTON	1989 - 1994	24NE, C24NE, C24NE, C24NE	2.4L	•	•	•	•	•	•
OMEGA/CARLTON	1990 - 1994	C26NE, C26NE	2.6L	•	•	•	•	•	•
OMEGA/CARLTON	1986 - 1994	C30NE, C30NE, C30NE, C30SE, C30SEJ, C30SEJ, C30XEI, C30XEI, C30LE, C30NE, C30SE	3.0L	•	•	•	•	•	•
OMEGA/CARLTON	1990 - 1994	C36NE, C36NE, C36NE, C36NE	3.6L	•	•	•	•	•	•
OMEGA-B	1994 - 2001	20SE, X20SE, X20DTH, X20XE, X20XE	2.0L	•	•	•	•	•	•
OMEGA-B	2000 - 2003	Y22DTH, Z22XE, Y22DTH, Y22XE	2.2L	•	•	•	•	•	•
OMEGA-B	1994 - 2003	Z25DT, X25XE, X25DT, X25XE, Y25DT	2.5L	•	•	•	•	•	•
OMEGA-B	2000 - 2003	Y26SE	2.6L	•	•	•	•	•	•
OMEGA-B	1994 - 2003	X30XE	3.0L	•	•	•	•	•	•
OMEGA-B	2000 - 2003	Y32SE	3.2L	•	•	•	•	•	•
SENATOR	1991 - 1994	C26NE, C26NE	2.6L	•	•	•	•	•	•
SENATOR	1987 - 1994	C30LE, C30NE, C30SE, C30SE, C30LE, C30NE, C30NE, C30NE	3.0L	•	•	•	•	•	•
SENATOR	1990 - 1994	C36NE, C36NE, C36NE, C36NE	3.6L	•	•	•	•	•	•
SENATOR	1991 - 1994	C40SE, C40SE	4.0L	•	•	•	•	•	•
SINTRA	1997 - 2000	X22DTH, X22XE	2.2L	•	•	•	•	•	•
SINTRA	1997 - 2000	X30XE	3.0L	•	•	•	•	•	•
SPEEDSTER/VX220	2002 - 2007	Z20LET	2.0L	•	•	•	•	•	•
SPEEDSTER/VX220	2001 - 2007	Z22SE	2.2L	•	•	•	•	•	•
TIGRA	1995 - 2000	X14XE, C14SEL, X14XE	1.4L	•	•	•	•	•	•
TIGRA	1995 - 2000	X16XE, X16XE, C16SEL	1.6L	•	•	•	•	•	•
TIGRA-B	2005 - 2009	Z13DT	1.3L	•	•	•	•	•	•
TIGRA-B	2004 - 2009	Z14XEP	1.4L	•	•	•	•	•	•
TIGRA-B	2004 - 2009	Z18XE	1.8L	•	•	•	•	•	•
VECTRA/CAVALIER MKIII	1988 - 1995	16SV, C16NZ, C16NZ, C16NZ2, E16NZ, X16SZ, 16LZ2, 16SV, X16SZ (FROM 1995), X16SZ (UP TO 1995)	1.6L	•	•	•	•	•	•
VECTRA/CAVALIER MKIII	1988 - 1995	18SV, 18SV, C18NZ, C18NZ, C18NZ (FROM 1995), C18NZ (UP TO 1995), E18NVR	1.8L	•	•	•	•	•	•
VECTRA/CAVALIER MKIII	1988 - 1995	20NE, 20SEH, 20SEH, 20XEJ, C20LET, C20NE, C20NEF, C20NEF, C20XE, C20XE, 20NE, 20NE, 20NE, 20SEH, 20SEH, 20XEJ, C20NE, C20NE, C20NE, C20XE, X20XE	2.0L	•	•	•	•	•	•
VECTRA/CAVALIER MKIII	1993 - 1995	C25XE	2.5L	•	•	•	•	•	•
VECTRA-B	1996 - 2003	X16SZR, X16XEL, 16LZ2, X16XEL, Y16XE, Z16XE	1.6L	•	•	•	•	•	•
VECTRA-B	1996 - 2003	18SV, X18XE1, Z18XEL, X18XE, Z18XE	1.8L	•	•	•	•	•	•
VECTRA-B	1996 - 2003	20NEJ, X20DTH, X20DTL, Y20DTH, C20SEL, X20DTL, X20XE, X20XE	2.0L	•	•	•	•	•	•
VECTRA-B	1998 - 2003	Y22DTR, Z22SE, C22SEL, Y22DTR	2.2L	•	•	•	•	•	•
VECTRA-B	1996 - 2003	X25XE	2.5L	•	•	•	•	•	•
VECTRA-B	2000 - 2003	Y26SE	2.6L	•	•	•	•	•	•
VECTRA-C/SIGNUM	2002 - 2009	Z16XE, Z16XEP	1.6L	•	•	•	•	•	•
VECTRA-C/SIGNUM	2002 - 2009	Z18XE, Z18XER	1.8L	•	•	•	•	•	•
VECTRA-C/SIGNUM	2004 - 2009	Z19DTH, Z19DT	1.9L	•	•	•	•	•	•
VECTRA-C/SIGNUM	2002 - 2009	Y20DTH, Z20NET	2.0L	•	•	•	•	•	•
VECTRA-C/SIGNUM	2002 - 2009	Z22SE, Z22YH, Y22DTR	2.2L	•	•	•	•	•	•

Codes and Tips • = Codes and Tips •• = Symptom Base Tests ••• = Both Available | Key Component Tests • = Component Tests •• = Symptom Base Tests ••• = Both Available \*\*\*\* = Model Updated  
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## Fast-Track® Troubleshooter

OPEL/VAUX		(Refer to key for guidance on codes)							
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
VECTRA-C/SIGNUM	2006 - 2009	Z28NEL, Z28NET, Z28NEH	2.8L	•					
VECTRA-C/SIGNUM	2002 - 2009	Z30DT, Y30DT	3.0L	•					
VECTRA-C/SIGNUM	2002 - 2009	Z32SE	3.2L	•					
VIVARO	2001 - 2009	F9Q 760, F9Q 762	1.9L	•					
VIVARO	2003 - 2009	F4R 720, F4R 820, M9R 782, M9R 784	2.0L	•					
VIVARO	2003 - 2009	G9U 630, G9U 730	2.5L	•					
ZAFIRA	1999 - 2005	X16XEL, Z16XE, Z16YNG	1.6L	•	•		•	•	•
ZAFIRA	1999 - 2005	X18XE1, Z18XE	1.8L	•	•	•	•	•	•
ZAFIRA	1999 - 2005	Y20DTH, Z20LET, X20DTL, Y20DTH	2.0L	•	•	•	•	•	•
ZAFIRA	2001 - 2005	Y22DTR, Z22SE	2.2L	•	•	•	•	•	•
ZAFIRA-B	2005 - 2011	A16XER, Z16XE1, Z16XEP, Z16XER	1.6L	•					
ZAFIRA-B	2009 - 2011	A17DTJ, A17DTR	1.7L	•					
ZAFIRA-B	2005 - 2011	Z18XER	1.8L	•					
ZAFIRA-B	2005 - 2009	Z19DT, Z19DTH	1.9L	•					•
ZAFIRA-B	2005 - 2009	Z20LEH, Z20LER	2.0L	•					
ZAFIRA-B	2005 - 2009	Z22YH	2.2L	•					

PEUGEOT		(Refer to key for guidance on codes)							
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
1007	2005 - 2007	KFU, Kfv, Kfv, Kfv, Kfw, Kfw	1.4L	****	****			•	•
1007	2005 - 2007	NFU	1.6L	****		•	•		
1007 RESTYLE	2006 - 2010	8HZ, KFU, Kfv, Kfv	1.4L	****					
1007 RESTYLE	2006 - 2010	9HZ	1.6L	****					
106	1995 - 1997	CDY, CDZ, CDZ	1.0L	****	****	•	•		•
106	1995 - 1997	HDY, HDZ, HDY, HDZ, HDY, HDZ	1.1L	****	****	•	•		•
106	1995 - 1997	MFZ, MFZ	1.3L	****	****	•	•		•
106	1995 - 1997	K6B, KDY, KEZ, KDX	1.4L	****	****	•	•		•
106	1995 - 1997	NFY, NFZ, NFZ	1.6L	****	****	•	•		•
106 RESTYLE	1996 - 2002	CDY, CDZ	1.0L	****	****	•	•		•
106 RESTYLE	1996 - 2003	HDY, HDZ, HFX, HFX	1.1L	****	****	•	•		•
106 RESTYLE	1996 - 2003	KFX, KFX, KFX, KFX, KFX, KFW, KFW	1.4L	****	****	•	•		•
106 RESTYLE	1996 - 2003	VJU, VJX	1.5L	****				•	•
106 RESTYLE	1996 - 2003	NFW, NFZ, NFX, NFX, NFW, NFX, NFU, NFV	1.6L	****	****	•	•		•
107	2005 - 2012	CFA, CFB	1.0L	****					
107	2005 - 2010	8HT	1.4L	****					
205	1995 - 1996	CDY, CDZ	1.0L	****	****	•	•		•
205	1995 - 1996	HDZ, HDZ, HDZ	1.1L	****	****	•	•		•
205	1995 - 1998	KDY, KDZ, KDX	1.4L	****	****	•	•		•
205	1995 - 1996	BDY, BDY, BDY, BDY, BDY, BDY	1.6L	****	****	•	•		•
206	1998 - 2002	CDY, CDZ	1.0L	****	****			•	•
206	1998 - 2010	HDY, HDZ, HFY, HFY, HFZ, HFZ, HFX, HFX, HFX	1.1L	****	****	•	•		•
206	1998 - 2010	KFX, KFX, KFX, KFW, KFW, KFW, KFW, 8HX, 8HX, 8HX, 8HZ, 8HZ, KFU	1.4L	****	****	•	•		•
206	1998 - 2010	NFW, NFZ, NFZ, NFU, NFU, NFX, NFX, 9HX, 9HX, 9HY, 9HZ, 9HZ, NFU	1.6L	****	****	•	•		•
206	2000 - 2002	WJY	1.9L	****	****			•	•
206	1998 - 2010	RHY, RHY, RFN, RFN, RFR, RFN, RFN, RHY, RFK	2.0L	****	****	•	•		•
207	2006 - 2011	8HZ, KFU, Kfv, Kfv, 8FS	1.4L	****					

PEUGEOT		(Refer to key for guidance on codes)							
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
207	2006 - 2013	5FY, 9HX, 9HY, 9HZ, NFU, 5FX, 9HV, 5FW, 5FS, 9HR	1.6L	****					
3008	2009 - 2013	5FX, 9HZ, 5FW, 5FS, 5FV, 9HR	1.6L	****					
3008	2009 - 2013	RHE, RHH	2.0L	****					
306	1995 - 1997	HDY, HDZ, HDY, HDY, HDZ, HDZ, HDY, HDZ	1.1L	****	****	•	•	•	•
306	1995 - 1997	KDX, KDX, KDX, KFX, KFX, KFX, KFX	1.4L	****	****	•	•	•	•
306	1995 - 1997	NFZ, NFZ, NFZ	1.6L	****	****	•	•	•	•
306	1995 - 1997	L6A, LFZ, L6A, LFZ	1.8L	****	****	•	•	•	•
306	1995 - 1997	R6D, RFX, RFY, R6D, RFT, RFT, RFX, RFY, RFS	2.0L	****	****	•	•	•	•
306 RESTYLE	1997 - 2003	KFX, KFX, KFX, KFX, KFX, KFX, KFW, KFW	1.4L	****	****	•	•	•	•
306 RESTYLE	1997 - 2003	NFZ, NFZ, NFT, NFU, NFV	1.6L	****	****	•	•	•	•
306 RESTYLE	1997 - 2003	L6A, LFZ, LFY, LFY	1.8L	****	****	•	•	•	•
306 RESTYLE	1997 - 2002	DHV, DHY, WJY	1.9L	****	****	•	•	•	•
306 RESTYLE	1997 - 2003	RFY, R6E, RFS, RFV, RFT, RHY, RHY	2.0L	****	****	•	•	•	•
307	2001 - 2006	8HZ, 8HZ, KFW, 8HZ, 8HZ, KFW, KFW, KFU, KFW	1.4L	****	****	•	•	•	•
307	2001 - 2006	NFT, NFU, NFU, 9HX, 9HX, 9HY, 9HY, 9HZ, 9HZ, NFU	1.6L	****	****	•	•	•	•
307	2001 - 2006	RFN, RFN, RHY, RHY, RHZ, RHZ, RFN, RFN, RFN, RHR, RHY, RHY, RHZ, RHS, RHS, RHS, RFX, RHY	2.0L	****	****	•	•	•	•
307 RESTYLE	2005 - 2010	KFU	1.4L	****					
307 RESTYLE	2005 - 2010	9HV, 9HX, 9HY, 9HZ	1.6L	****					
307 RESTYLE	2005 - 2010	RFJ, RFX, RFN, RHR, RHR	2.0L	****					•
308	2007 - 2011	8FS	1.4L	****					
308	2007 - 2013	9HY, 9HZ, 5FT, 5FW, 5FX, 9HV, 9HX, 5FY, 9HR, 9HP	1.6L	****					
308	2008 - 2008	RHR	2.0L	****					
4007	2007 - 2010	4HN	2.2L	****					
4007	2007 - 2010	SFZ	2.4L	*					
405	1995 - 1996	KDX	1.4L	****	****	•	•	•	•
405	1995 - 1996	BDZ, BDZ, BDY, BDY, BDY, BFZ, BFZ, BDY, BDY, BDY, BFZ	1.6L	****	****	•	•	•	•
405	1995 - 1996	L6A, LFZ, LFZ, LFZ, L6A, LFZ	1.8L	****	****	•	•	•	•
405	1995 - 1996	D6C, DFW, DKZ, D6D, D6E, D6C, D6E	1.9L	****	****			•	•
405	1995 - 1996	R6D, RFX, RFY, RGZ, R6D, RFT, RFT, RFX, RFY, RGZ	2.0L	****	****	•	•	•	•
406	1995 - 2000	BFZ	1.6L	****	****	•	•	•	•
406	1995 - 2004	LFY, LFZ, L6A, L6B, L6B, LFW, LFX, LFX, LFY, LFX, LFY, LFY, LFY, 6FZ, 6FZ	1.8L	****	****	•	•	•	•
406	1995 - 2002	DHX	1.9L	****	****	•	•	•	•
406	1995 - 2004	RFT, R6D, RFV, RFX, RFY, RFY, RFT, RFV, RGX, R6E, RFT, RFU, RFV, RFS, RFS, RFS, RHY, RHZ, RFN, RFR, RHS, RHZ, RFN, RFS, RHY, RLZ, RHS	2.0L	****	****	•	•	•	•
406	1995 - 2000	P8C, P8C, P8C, P8C	2.1L	****	****	•	•	•	•
406	2000 - 2004	3FZ, 4HX, 4HX	2.2L	****	****			•	•
406	1997 - 2004	XFZ, XFX	3.0L	****	****			•	•
407	2004 - 2010	9HY, 9HZ, 9HY, 9HZ	1.6L	****	****				
407	2004 - 2010	6FZ, 6FY	1.8L	****	****				
407	2004 - 2010	RHL, RFJ, RFN, RHR, RHL, RHL, RHF, RHH	2.0L	****					•
407	2004 - 2010	3FY, 4HP, 4HT	2.2L	****					
407	2004 - 2010	UHZ	2.7L	****					
407	2004 - 2010	XFV	3.0L	****					

# Fast-Track® Troubleshooter

(Refer to key for guidance on codes)

PEUGEOT		Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years								
605	1995 - 2000	RFZ, RDZ, RDZ, RFZ, RFZ, RGY, R6A, RGX, R6A, RFV, RFV, R6E	2.0L	****	****	•	•	•	•
605	1995 - 2000	PHZ, P8C, P8C, P8C	2.1L	****	****	•	•	•	•
605	1996 - 2000	THY, THY	2.5L	****	****	•	•	•	•
605	1995 - 2000	SFZ, S6A, UFY, UFZ, XFZ	3.0L	****	****	•	•	•	•
607	2000 - 2005	RFN, RFN, RFR, RHZ, RHZ, RFN, RFN, RHZ, RHS, RHS, RFN, RFN	2.0L	****	****	•	•	•	•
607	2000 - 2005	3FZ, 4HX, 4HX, 3FZ, 4HX	2.2L	****	****	•	•	•	•
607	2000 - 2005	XFX, XFX	3.0L	****	****	•	•	•	•
607 RESTYLE	2005 - 2010	RHS, RHL, RHR	2.0L	****	****	•	•	•	•
607 Restyle	2005 - 2010	3FY, 3FZ, 4HP, 4HX	2.2L	****	****	•	•	•	•
607 RESTYLE	2005 - 2010	UHZ	2.7L	****	****	•	•	•	•
607 RESTYLE	2005 - 2010	XFV	3.0L	****	****	•	•	•	•
806	1995 - 2001	LFW, LFW	1.8L	****	****	•	•	•	•
806	1997 - 2002	DHX, WJY	1.9L	****	****	•	•	•	•
806	1995 - 2002	RFU, RGX, RFU, RFV, RHZ, RFN, RFN, RHW, RHW, RHZ	2.0L	****	****	•	•	•	•
806	1995 - 2000	P8C, P8C, P8C, P8C, P8C	2.1L	****	****	•	•	•	•
807	2002 - 2005	RFN, RFN, RHT, RHW, RHZ, RFN, RFN, RFN, RHT, RHW	2.0L	****	****	•	•	•	•
807	2002 - 2005	3FZ, 4HW, 3FZ, 4HW	2.2L	****	****	•	•	•	•
807	2002 - 2005	XFX, XFX	3.0L	****	****	•	•	•	•
807 RESTYLE	2005 - 2010	RFJ, RHM, RHW, RHK, RHR	2.0L	****	****	•	•	•	•
807 RESTYLE	2005 - 2010	4HW	2.2L	****	****	•	•	•	•
BIPPER	2008 - 2010	8HS	1.4L	****	****	•	•	•	•
BOXER	1995 - 2001	R6D, RFX, RFX, RFU, RFW, RGX, RFW, R6D, RFT, RFT, RFX, RFX, R6E, R6E, RFU, RFV, RFV, RHW, RHW, RFS, RFS	2.0L	****	****	•	•	•	•
BOXER	2000 - 2001	4HY, 4HY	2.2L	****	****	•	•	•	•
BOXER	1997 - 2001	2800 D, 2800 D, 8140.43, 8140.43S	2.8L	****	****	•	•	•	•
Boxer 3	2006 - 2012	F1CE0481D	3.0L	****	****	•	•	•	•
BOXER RESTYLE	2001 - 2006	RFL, RHV, RFL, RHW, RFL	2.0L	****	****	•	•	•	•
BOXER RESTYLE	2001 - 2006	4HY, 4HY	2.2L	****	****	•	•	•	•
BOXER RESTYLE	2001 - 2006	8140.43S	2.8L	****	****	•	•	•	•
EXPERT	1995 - 2002	220A2	1.6L	****	****	•	•	•	•
EXPERT	1995 - 2002	L6B, L6A, L6B, LFW, LFW	1.8L	****	****	•	•	•	•
EXPERT	1995 - 2002	DHX, WJY	1.9L	****	****	•	•	•	•
EXPERT	1995 - 2002	RGX, RFU, RHX, RHX, RHY, RHY, RHZ, RHZ, RFN, RFN, RFR, RHW, RHW	2.0L	****	****	•	•	•	•
EXPERT	1995 - 2000	P8C, P8C, P8C	2.1L	****	****	•	•	•	•
EXPERT 2	2003 - 2003	WJY	1.9L	****	****	•	•	•	•
EXPERT 2	2003 - 2007	RFN, RFN, RFR, RHW, RHW, RHX, RHX, RHY, RHY, RHZ, RHZ, RFN, RHW, RHX, RHZ, RFN	2.0L	****	****	•	•	•	•
Expert 3	2007 - 2012	9HU	1.6L	****	****	•	•	•	•
Expert 3	2007 - 2013	RHK, RHR, RHH	2.0L	****	****	•	•	•	•
PARTNER	1996 - 2008	HDY, HDZ, HFX, HFX, HFX, HFX	1.1L	****	****	•	•	•	•
PARTNER	1996 - 2008	KFX, KFX, KFX, KFX, KFW, KFW	1.4L	****	****	•	•	•	•
PARTNER	1996 - 2008	NFZ, NFZ, NFU, NFU, 9HX, 9HW, NFU	1.6L	****	****	•	•	•	•
PARTNER	1996 - 2002	LFX, LFX	1.8L	****	****	•	•	•	•
PARTNER	2000 - 2005	WJY, WJY, WJY	1.9L	****	****	•	•	•	•
PARTNER	1998 - 2008	RHW, RHW, RHY, RHY, RHY, RHY	2.0L	****	****	•	•	•	•
PARTNER (B9)	2008 - 2013	NFR, NFU, 9HT, 9HX, 9HZ, 9HS, 9HF, 9HJ, 9HK, 9HL, 9HN, 9HP	1.6L	****	****	•	•	•	•

(Refer to key for guidance on codes)

RENAULT		Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years								
19	1995 - 1995	.530 C1G, .53W E7F, .53W E7F .53P C2J, .537 E6J, .531 C1J, .53H C2J, .532 C3J, .537 E6J, .53A E7J, .53G E6J, .532 C3J, .535 E7J, .53A E7J	1.2L	****	****	•	•	•	•
19	1995 - 1996	.53E F2N, .53M F2N, .536 F2N, .53B F3N, .53C F3N, .533 F2N, .53F F3N, .53B F3N, .53B F3N, .53C F3N	1.4L	****	****	•	•	•	•
19	1995 - 1996	.539 F7P, .53D F7P, .53A F3P, .53Y F3P, .538 F3P, .53C F3P, .538 F3P, .538 F3P, .53A F3P, .53C F3P, .53D F7P, .53F F3P, .53F F3P, .53V F3P, .53V F3P, .53Y F3P, .53Y F3P, .53D F3P, .53D F3P, .53H F3P, .53H F3P	1.7L	****	****	•	•	•	•
19	1995 - 1996	.534 F8Q, .53J F8Q, .53K F8Q, .53I F8Q, .53T F8Q, .53K F8Q, .53Z F8Q	1.8L	****	****	•	•	•	•
19	1995 - 1996	.48M F2N, .48N F2N, .481 F2N, .482 F2N, .48J F2R, .48E F3N, .48F F3N, .484 F2N, .48E F3N	1.9L	*		•	•	•	•
21	1995 - 1995	.48H F8Q, .48I F8Q	1.7L	****	****	•	•	•	•
21	1995 - 1995	.48Q J7R, .483 J7R, .485 J7R, .489 J6R, .48Y J7R, .48L J7R, .48C J7R, .48R J7R, .48C J7R, .48R J7R	1.9L	*		•	•	•	•
21	1995 - 1995	.486 J8S, .488 J8S, .48V J8S, .48P J8S, .48W J8S, .480 J8S, .487 J8S, .48A J8S	2.0L	****	****	•	•	•	•
21	1995 - 1995	.48K J7T, .48A J7T, .48B J7T, .48A J7T, .48B J7T, .48K J7T	2.1L	****	****	•	•	•	•
21	1995 - 1996	.401 C1E, .40H C1E	2.2L	****	****	•	•	•	•
5	1995 - 1996	.40J C2J, .402 C1J, .403 C2J, .405 C1J, .407 C3J, .40M C2J, .8220 C7J, .8221 C7K, .407 C3J	1.1L	****	****	•	•	•	•
5	1995 - 1996	.404 F8M	1.4L	****	****	•	•	•	•
5	1995 - 1995	.404 F8M	1.6L	****	****	•	•	•	•
AVANTIME	2001 - 2003	.E0U F4R, .E0V F4R, .E0U F4R, .E0V F4R	2.0L	*		•	•	•	•
AVANTIME	2001 - 2003	.E01 G9T	2.2L	*		•	•	•	•
AVANTIME	2001 - 2003	.E04 L7X, .E0T L7X, .E04 L7X	3.0L	*		•	•	•	•
CLIO	1995 - 1996	.571 C1E	1.1L	*		•	•	•	•
CLIO	1995 - 1998	.572 E5F, .57A E7F, .57R E7F, .57N E5F, .577 C3G, .57A E7F, .57F E7F, .57R E7F, .57S E7F, .57Y D7F, .57G E7F, .57J E7F, .57K D7F, .57L E7F	1.2L	****	****	•	•	•	•
CLIO	1995 - 2000	.573 E6J, .57B E7J, .57T E7J, .57B E6J, .57P E6J, .57B E7J, .57T E7J, .57Y E7J, .57J E7J, .B0C E7J, .B0S E7J	1.4L	****	****	•	•	•	•
CLIO	1995 - 1997	.575 F7P, .57C F3P, .57D F7P, .57U F3P, .579 F3P, .578 F3P, .578 F3P, .579 F3P, .579 F3P, .57A F3P, .57A F3P, .57C F3P, .57D F3P, .57D F3P, .57D F3P, .57E F3P, .57E F3P, .57H F3P, .57H F3P, .57C F3P, .57U F3P, .57U F3P, .57V F3P, .57V F3P	1.8L	****	****	•	•	•	•
CLIO	1995 - 2001	.576 F8Q, .57L F8Q, .57I F8Q, .576 F8Q, .57H F8Q, .57I F8Q, .57L F8Q, .57M F8Q, .57N F8Q, .B0U F9Q, .B02 F8Q, .B0N F8Q	1.9L	****	****	•	•	•	•
CLIO	1995 - 1997	.57M F7R, .57M F7R, .57M F7R	2.0L	****	****	•	•	•	•

Codes and Tips = Codes and Tips • = Symptom Base Tips •• = Both Available | Key Component Tests = Component Tests • = Symptom Base Tips ••• = Both Available \*\*\*\* = Model Updated  
 Dark grey lines indicate new content at 1.4.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Fast-Track® Troubleshooter

(Refer to key for guidance on codes)

RENAULT		Engine Code	Engine Info	(Refer to key for guidance on codes)					
Model	Years			Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Clio II	1997 - 2008	.57G E7F, .57J E7F, .57R E7F, .57S E7F, .577 C3G, .57A E7F, .57G E7F, .57K D7F, .57L E7F, .57R E7F, .57Y D7F, .B0A D7F, .B0A D7F, .B0F D7F, .B0F D7F, .B0F D7F, .B0F D7F, .B0F D7F, .B0A D7F, .B0A D7F, .B0F D7F, .B0F D7F, .B10	1.2L	****	****	•	•	•	•
Clio II	1997 - 2007	.57B E7J, .57J E7J, .57Y E7J, .B0C E7J, .B0S E7J, .B0K K4J, .B0L K4J, .B0K K4J, .B0L K4J, .B0K K4J, .B0L K4J, .B0P K4J, .B0P K4J, .B13 K4J, .B13 K4J, .B0P K4J, .B0K K4J, .B0L K4J, .B0P K4J, .B0P K4J, .B13 K4J, .B13 K4J, .B1L K4J, .B1L K4J, .B2A K4J, .B2A	1.4L	****	****	•	•	•	•
Clio II	2001 - 2008	.B07 K9K, .B08 K9K, .B09 K9K, .B09 K9K, .B1W K9K, .B2G K9K, .B07 K9K, .B08 K9K, .B1W K9K, .B23 K9K, .B24 K9K, .B2G K9K, .B07 K9K, .B08 K9K, .B1W K9K, .B23 K9K, .B24 K9K, .B2G K9K, .B09 K9K, K9K, K9K, .B09 K9K	1.5L	****					•
Clio II	1998 - 2007	.B0D K7M, .B0D K7M, .B0H K4M, .B0T K4M, .B0H K4M, .B0D K7M, .B0H K4M, .B0D K7M, .B0H K4M, .B14 K4M, .B14 K4M, .B18 K4M, .B18 K4M, .B1B K4M, .B1B K4M, .B1D K4M, .B1D K4M, .B1R K4M, .B1R K4M, .B1V K4M, .B1V K4M, .B14 K4M, .B1D K4M, K4M, K4M	1.6L	****	****	•	•	•	•
CLIO II	1997 - 1998	.579 F3P, .57U F3P, .57V F3P, .578 F3P, .57A F3P, .57D F3P, .57D F7P, .57H F3P, .57U F3P, .57V F3P	1.8L	****	****	•	•	•	•
Clio II	1998 - 2003	.B02 F8Q, .B0E F8Q, .B0U F9Q, .B0J F8Q, .B0J F8Q, .B2C F9Q, .B2C F9Q, .B2C F9Q, .B0V F9Q, .B0V F9Q, .B0V F9Q, .B2C F9Q	1.9L	****	****		•	•	•
CLIO II	1998 - 2004	.57M F7R, .B0M F4R, .B0M F4R, .B0M F4R, .B0M F4R, .B15 F4R, .B15 F4R, .B1C F4R, .B1C F4R, .B1G F4R, .B1G F4R, .B1N F4R, .B1N F4R, .B1S F4R, .B1S F4R, .B1F F4R, .B1T F4R, .B20 F4R, .B20 F4R, .B21 F4R, .B21 F4R, .B22 F4R, .B22 F4R, .B2P F4R, .B2P F4R, .B1C	2.0L	****	****	•	•	•	•
Clio III	2005 - 2009	.R02 D4F, .M01 D4F, .R03 D4F, .R0J D4F, .R0P D4F, .R0R D4F, .R0S D4F, .R0T D4F, .R0U D4F, .R1D D4F, D4F, .R01 D4F	1.2L	****					•
CLIO III	2005 - 2009	.R0A K4J, .R00 K4J, .R1E K4J, .R1L K4J, K4J	1.4L	****					•
CLIO III	2005 - 2009	.R0F K9K, .R0F K9K, .R0G K9K, .R0G K9K, .R0H K9K, .R0H K9K, .R0V K9K, .R0V K9K, .R0W K9K, .R0W K9K, .R1A K9K, .R1A K9K, .R1B K9K, .R1B K9K, .R1C K9K, .R1C K9K, .R1F K9K, .R1F K9K, .R1G K9K, .R1G K9K, .R1N K9K, .R1N K9K, K9K, K9K	1.5L	****					•

(Refer to key for guidance on codes)

RENAULT		Engine Code	Engine Info	(Refer to key for guidance on codes)					
Model	Years			Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Clio III	2005 - 2009	.R05 K4M, .R09 K4M, .R0B K4M, .R0E K4M, .R0Q K4M, .R0Y K4M, .R1J K4M, .R1M K4M, K4M	1.6L	****					•
Clio III	2006 - 2009	.R0N F4R, .R1P F4R, F4R	2.0L	****					•
Clio III Ph 2	2009 - 2012	D4F	1.2L	****					
Clio III Ph 2	2009 - 2009	K4J	1.4L	****					•
Clio III Ph 2	2009 - 2011	K9K, K9K	1.5L	****					•
Clio III Ph 2	2009 - 2012	K4M	1.6L	****					•
Clio III Ph 2	2009 - 2012	F4R, M4R	2.0L	****					•
CLIO V6	2001 - 2003	.B1A L7X, .B1A L7X	3.0L	*					•
DEMO LAGUNA	2002 - 2003	.560 F3P	1.8L	****	****	•	•	•	•
ESPACE	2001 - 2001	.E0M F9Q, .E0M F9Q	1.9L	****	****	•	•	•	•
ESPACE	1995 - 2003	.112 J6R, .116 J7R, .636 J7R, .636 J7R, .E0A F3R, .E0N F4R, .E0N F4R, .E00 F4R, .E00 F4R, .E02 F4R, .E02 F4R, .E0L F4R, .E0L F4R, .E0N F4R, .E00 F4R, .E02 F4R, .E02 F4R, .E0L F4R, .E0L F4R, .E0M F4R, .E0M F4R, .E0N F4R, .E00 F4R, .E02 F4R, .E00 F4R, .E02	2.0L	****	****	•	•	•	•
ESPACE	1995 - 1997	.115 J8S, .114 J8S, .635 J8S, .634 J8S, .633 J8S, .63D J8S, .63E J8S	2.1L					•	•
ESPACE	1995 - 2002	.117 J7T, .637 J7T, .63G J7T, .63G J7T, .637 J7T, .637 J7T, .E0E G8T, .E0H G8T, .E0H G8T, .E0H G8T, .E0P G8T, .E0E G8T, .E0E G8T, .E0K G9T, .E0K G9T, .E0P G9T, .E0P G9T, .E0S G9T, .E0S G9T, .E0K G9T, .E0K G9T, .E0S G9T, .E0S G9T	2.2L	****	****	•	•	•	•
ESPACE	1995 - 1996	.638 Z7W, .63J Z7W	2.9L	****	****		•	•	•
ESPACE	1997 - 2003	.E0D Z7X, .E0G L7X, .E0G L7X, .E0D Z7X, .E0G L7X, .E0G L7X, .E0R L7X, .E0R L7X, .E0R L7X	3.0L	****	****	•	•	•	•
Espace IV	2003 - 2007	.K0G F9Q, .K0G F9Q, .K0U F9Q, .K0U F9Q, F9Q, F9Q	1.9L	****					•
Espace IV	2004 - 2010	.K0A F4R, .K0A F4R, .K0L F4R, .K0L F4R, F4R, F4R, .K0B F4R, .K0B F4R, .K0D F4R, .K0D F4R, .K0K F4R, .K0K F4R, .K0K F4R, .K01 M9R, .K02 M9R, .K03 M9R, .K04 M9R, M9R	2.0L	****		•	•		•
Espace IV	2003 - 2009	.K0H G9T, .K0H G9T, .K0T G9T, .K0T G9T, G9T, G9T, .K07 G9T, .K07 G9T	2.2L	****					•
Espace IV	2003 - 2010	.K0E P9X, .K0E P9X, .K0J P9X, .K0J P9X, .K0V P9X, .K0V P9X, P9X, P9X	3.0L	****					•
Espace IV	2003 - 2010	.K0F V4Y, .K0F V4Y, .K0P V4Y, .K0P V4Y, .K0S V4Y, .K0S V4Y, .K0W V4Y, .K0W V4Y, V4Y, V4Y	3.5L	****		•	•		
EXPRESS	1995 - 1997	.401 C1E, .40H C1E, .40T C1E	1.1L						•
EXPRESS	1995 - 1997	.40F C1G, .406 C3G, .406 C3G, .40A C3G	1.2L	****	****	•	•	•	•
EXPRESS	1995 - 2000	.402 C1J, .407 C3J, .40M C2J, .40V E7J, .40A E6J, .40U E7J, .40Y E6J, .407 C3J, .407 C3J, .40D E7J, .40U E7J, .40V E7J, .40S E7J, .40S E7J	1.4L	****	****	•	•	•	•
EXPRESS	1995 - 1996	.404 F8M	1.6L						•
EXPRESS	1995 - 2000	.40N F8Q, .40P F8Q, .40E F8Q, .40R F8Q, .40C F8Q, .40B F8Q	1.9L					•	•



# Fast-Track® Troubleshooter

(Refer to key for guidance on codes)

RENAULT		Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years								
Kangoo	1998 - 2008	.C0A D7F, .C0A D7F, .C0A D7F, .C01 D7F, .C01 D7F, .C0A D7F, .C0F D7F, .C0F D7F, .C0K D7F, .C0K D7F, .C1A D7F, .C1A D7F, .C01 D7F, .C01 D7F, .C03 D4F, .C03 D4F, .C05 D4F, .C05 D4F, .C0F D7F, .C0F D7F, .C0T D4F, .C0T D4F, .C0W D4F, .C0A D7F, .C0A D7F, .C03	1.2L	****	****	•	•	•	•
KANGOO	1998 - 2005	.C0C E7J, .C0C E7J, .C0H E7J, .C0H E7J, .C0C E7J, .C0H E7J, .C0C E7J, .C0H E7J, .C0H E7J	1.4L	****	****	•	•	•	•
Kangoo	2000 - 2009	.C07 K9K, .C07 K9K, .C08 K9K, .C08 K9K, .C09 K9K, .C09 K9K, .C07 K9K, .C08 K9K, .C0B K9K, .C0B K9K, .C09 K9K, K9K, K9K, .C1E K9K, .C1E K9K, .C1F K9K, .C1F K9K	1.5L	****					•
Kangoo	2001 - 2009	.C0M K7J, .C0M K7J, .C06 K4M, .C06 K4M, .C0L K4M, .C0P K4M, .C0S K4M, .C0B K7J, .C0B K7J, .C0M K7J, .C0M K7J, .C0L K4M, .C0L K4M, .C0P K4M, .C0P K4M, .C0R K4M, .C0R K4M, .C0S K4M, .C0S K4M, .C1B K4M, .C1B K4M, .C1M K4M, .C1M K4M, .C1N K4M, .C1N K4M, .C0R	1.6L	****	****	•	•		•
KANGOO	1998 - 2005	.C0E F8Q, .C0D F8Q, .C0D F8Q, .C0E F8Q, .C02 F8Q, .C02 F8Q, .C02 F8Q, .C0E F8Q, .C0D F8Q, .C0U F9Q, .C0U F9Q, .C0V F9Q, .C0V F9Q, .C0V F9Q, .CAV F9Q, .CAV F9Q, .C02 F8Q, .C0D F8Q, .C0E F8Q, .C0J F8Q, .C0J F8Q, .C0N F8Q, .C0N F8Q, .C0U F9Q, .C0V F9Q, .CAV F9Q, .C0J	1.9L	****	****			•	•
Kangoo II	2008 - 2012	K9K, K9K, K9K	1.5L	****					•
Kangoo II	2008 - 2012	K4M, K4M	1.6L	****					•
Koleos	2008 - 2011	M9R	2.0L	****					
LAGUNA	1998 - 2001	.568 K4M, .56G K4M, .568 K4M, .56G K4M, .561 K4M, .561 K4M, .561 K4M, .568 K4M, .56G K4M, .561 K4M, .568 K4M, .56G K4M, .561 K4M, .561 K4M, .568 K4M, .568 K4M, .56G K4M, .56G K4M	1.6L	****	****	•	•	•	•
Laguna	1995 - 2001	.56B F3P, .56A F3P, .56A F3P, .56B F3P, .56B F3P, .56S F3P, .56S F3P, .560 F3P, .56Z F3P, .56Z F3P, .560 F3P, .56T F3P, .56T F3P, .560 F3P, .560 F3P, .563 F4P, .564 F4P, .563 F4P, .563 F4P, .564 F4P, .560 F3P, .563 F4P, .564 F4P, .563	1.8L	****	****	•	•	•	•
LAGUNA	1998 - 2001	.56J F9Q, .56J F9Q, .56J F9Q, .56W F9Q, .56W F9Q, .56W F9Q	1.9L	****	****	•	•	•	•
LAGUNA	1995 - 2001	.56C F3R, .56N F3R, .56H F3R, .56C F3R, .56D N7Q, .56L F3R, .56N F3R, .56N F3R, .56L F3R, .56M N7Q, .56L F3R, .56D N7Q, .56A F4R, .56A F4R, .56A F4R, .56L F3R, .56A F4R, .56L F3R	2.0L	****	****	•	•	•	•

(Refer to key for guidance on codes)

RENAULT		Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years								
LAGUNA	1995 - 2001	.56G G8T, .56F G8T, .562 G8T, .566 G8T, .569 G8T, .569 G8T, .569 G8T, .569 G8T, .56F G8T, .56F G8T	2.2L	****	****			•	•
LAGUNA	1995 - 2001	.56E Z7X, .56E Z7X, .56R Z7X, .565 Z7X, .56V L7X, .56V L7X, .565 Z7X, .56V L7X, .56V L7X	3.0L	****	****	•	•	•	•
Laguna 1Ph2	1998 - 2001	.568 K4M, .56G K4M	1.6L	****	****			•	•
Laguna 1Ph2	1998 - 2001	.560 F3P, .56T F3P	1.8L	****	****	•	•		•
Laguna 1Ph2	1998 - 2001	.56J F9Q	1.9L	****	****	•	•	•	•
Laguna II	2001 - 2007	.G0A K4M, .G0A K4M, .G0A K4M, .G0L K4M, .G0L K4M, .G0A K4M, .G0L K4M, .G0U K4M, .G0A K4M, .G0L K4M, .G0U K4M, .G0L K4M, .G0L K4M, .G0A K4M, .G0L K4M, .G0U K4M, .G1G K4M, .G1H K4M, .G0U K4M, .G1G K4M, .G1G K4M, .G1H K4M, .G1H K4M, K4M	1.6L	****		•	•	•	•
LAGUNA II	2001 - 2005	.G06 F4P, .G06 F4P, .G0B F4P, .G0B F4P, .G0B F4P, .G0C F4P, .G0C F4P, .G0J F4P, .G0J F4P, .G0M F4P, .G0M F4P, .G04 F4P, .G04 F4P, .G04 F4P, .G06 F4P, .G06 F4P, .G0B F4P, .G0B F4P, .G0B F4P, .G0C F4P, .G0C F4P, .G0J F4P, .G0J F4P, .G0M F4P, .G0M F4P, .G0V	1.8L	****		•	•	•	•
LAGUNA II	2001 - 2005	.G0E F9Q, .G0E F9Q, .G0E F9Q, .G0G F9Q, .G0G F9Q, .G0G F9Q, .G08 F9Q, .G08 F9Q, .G08 F9Q, .G0E F9Q, .G0E F9Q, .G0E F9Q, .G0G F9Q, .G0G F9Q, .G0G F9Q, .G0R F9Q, .G0R F9Q, .G0R F9Q, .G08 F9Q, .G08 F9Q, .G08 F9Q, .G0E F9Q, .G0E F9Q, .G0E F9Q, .G0G F9Q, .G0G	1.9L	****				•	•
LAGUNA II	2001 - 2007	.G0K F4R, .G0K F4R, .G0K F4R, .G0N F5R, .G0N F5R, .G00 F4R, .G00 F4R, .G00 F4R, .G0K F4R, .G0K F4R, .G0K F4R, .G0S F4R, .G0S F4R, .G0S F4R, .G0S F4R, .G0W F4R, .G0W F4R, .G0W F4R, .G0W F4R, .G0N F5R, F4R, .G0K F4R, F4R, F4R, F4RT, F4RT, .G1P F4R, .G0P F4R, .G0P F4R, .G0P F4R	2.0L	****		•	•	•	•
LAGUNA II	2001 - 2007	.G0F G9T, .G0F G9T, .G0F G9T, .G0F G9T, .G0F G9T, .G0F G9T, .G0F G9T, .G0F G9T, .G0T, .G0T, .G09 G9T, .G09 G9T, .G1F G9T, .G1F G9T	2.2L	****				•	•
LAGUNA II	2001 - 2007	.G01 L7X, .G01 L7X, .G0D L7X, .G0D L7X, .G0Y L7X, .G0Y L7X, .G01 L7X, .G01 L7X, .G02 L7X, .G02 L7X, .G0D L7X, .G0D L7X, .G0Y L7X, .G0Y L7X, .G01 L7X, .G0D L7X, .G0Y L7X, L7X, L7X, .G1K L7X, .G1K L7X	3.0L	****		•	•	•	•
Laguna III	2007 - 2010	M4R, M9R	2.0L	****					
Laguna III Coupe	2007 - 2013	M9R	2.0L	****					
Laguna III Ph2	2011 - 2013	M9R	2.0L	****					
Master	2000 - 2006	.D.L F9Q, .D.P F9Q, .D.L F9Q, .D.L F9Q, .D.P F9Q, .D.P F9Q, F9Q	1.9L	****					•

Codes and Tips: • = Codes and Tips •• = Symptom Base Tips ••• = Both Available | Key Component Tests: • = Component Tests •• = Symptom Base Tips ••• = Both Available \*\*\*\* = Model Updated  
 Dark grey lines indicate new content in 1.4.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Fast-Track® Troubleshooter

(Refer to key for guidance on codes)

RENAULT		Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years								
MASTER	1995 - 2006	R..AJ7T, R..EJ7T, .D.G G9T, .D.G G9T, .D.N G9T, .D.N G9T, .D.OG G9T, .D.N G9T, .D.N G9T, .D.G G9T, .D.G G9T, G9T, G9T	2.2L	****	****				•
MASTER	1995 - 2006	Q..4 S8U, R..4 S8U, R..5 S9U, R..6 S8U, R..7 S9U, R..C S9U, R..G S8U, R..H S9U, R..L S8U, R..J S9U, R..K S9U, ...A S8U, ...E S8U, .D.M G9U, .D.M G9U, .D.U G9U, .D.U G9U, .D.V G9U, .D.V G9U, .D.W G9U, .D.W G9U, .D.M G9U, .D.M G9U, G9U, G9U	2.5L	****	****				•
MASTER	1998 - 2000	...B S9W, ...C S9W, ...B S9W, ...D S9W	2.8L	****	****				•
Master	2003 - 2010	.D.S ZD3, .D.S ZD3, .D.T ZD3, .D.T ZD3	3.0L	****					
Megane	1996 - 2003	.A0E E7J, .A0T E7J, .A0V E7J, .A0W K4J, .A0V E7J, .A0W K4J, .A0E E7J, .A0E E7J, .A0V E7J, .A0W K4J, .A0D K4J, .A0D K4J, .A00 K4J, .A00 K4J, .A0D K4J, .A0D K4J, .A0E E7J, .A0E E7J, .A0T E7J, .A0T E7J, .A0V E7J, .A0W K4J, .A10 K4J, .A10 K4J, .A1H K4J, .A1H	1.4L	****	****	•	•	•	•
Megane	1996 - 2003	.A0S K7M, .A0F K7M, .A0L K7M, .A0S K7M, .A04 K4M, .A04 K4M, .A04 K4M, .A04 K4M, .A0B K4M, .A0B K4M, .A11 K4M, .A11 K4M, .A15 K4M, .A15 K4M, .A16 K4M, .A16 K4M, .A1J K4M, .A1J K4M, .A0B K4M, .A0B K4M, .A11 K4M, .A11 K4M, .A1J K4M, .A1J K4M, .A0B K4M, .A0B	1.6L	****	****	•	•	•	•
Megane	2000 - 2003	.A1A F4P, .A1A F4P, .A1A F4P, .A1M F4P, .A1M F4P, .A1M F4P, .A1R F4P, .A1R F4P, .A12 F4P, .A12 F4P, .A12 F4P, .A12 F4P, .A12 F4P, .A12 F4P, .A12 F4P, .A1A F4P, .A1A F4P, .A1A F4P, .A1M F4P, .A1M F4P, .A1M F4P, .A1R F4P, .A1R F4P, .A1R F4P, .A1A F4P, .A1M	1.8L	****		•	•		•
MEGANE	1996 - 2003	.A09 F8Q, .A0U F8Q, .A0Y F8Q, .A09 F8Q, .A0A F8Q, .A0K F8Q, .A0U F8Q, .A0U F8Q, .A08 F9Q, .A0J F8Q, .A0J F8Q, .A0J F8Q, .A0Y F8Q, .A0N F9Q, .A0Y F8Q, .A09 F8Q, .A0K F8Q, .A0N F9Q, .A09 F8Q, .A0K F8Q, .A0N F9Q, .A0N F9Q, .A0A F8Q, .A0A F8Q, .A0J	1.9L	****	****	•	•	•	•
Megane	1996 - 2003	.A02 F3R, .A0H F7R, .A0G F3R, .A07 F3R, .A1B F4R, .A0P F5R, .A0P F5R, .A1B F4R, .A03 F3R, .A0C F4R, .A0C F4R, .A1B F4R, .A0C F4R, .A0C F4R, .A1D F4R, .A1D F4R, .A1L F4R, .A1L F4R, .A03 F5R, .A03 F5R, .A0C F4R, .A0C F4R, .A13 F4R, .A13 F4R, .A17 F4R, .A17	2.0L	****	****	•	•	•	•
MEGANE II	2003 - 2008	.M08 K4J, .M0B K4J, .M0H K4J, .M1A K4J, .M1S K4J, K4J	1.4L	****					•

(Refer to key for guidance on codes)

RENAULT		Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Model	Years								
Megane II	2003 - 2008	.M02 K9K, .M0F K9K, .M0T K9K, .M13 K9K, .M1E K9K, .M1F K9K, K9K	1.5L	****					•
MEGANE II	2003 - 2008	.M0C K4M, .M0J K4M, .M0Y K4M, .M1B K4M, .M1R K4M, K4M	1.6L	****					•
MEGANE II	2003 - 2008	.M00 F9Q, .M0G F9Q, .M0L F9Q, .M1C F9Q, .M1D F9Q, .M1G F9Q, .M1G F9Q, F9Q, .M14 F9Q	1.9L	****					•
MEGANE II	2003 - 2008	.M05 F4R, .M0M F4R, .M0U F4R, .M0W F4R, .M11 F4R, .M1M F4R, .M1N F4R, .M1V F4R, F4R, M9R	2.0L	****					•
Modus	2004 - 2011	.POC D4F, .POK D4F, .POS D4F, .POT D4F, D4F, D4F	1.2L	****					•
MODUS	2004 - 2009	.PO1 K4J, .POJ K4J, K4J, .POY K4M	1.4L	****					•
Modus	2004 - 2011	.POD K9K, .POE K9K, .POF K9K, .POG K9K, .POH K9K, K9K	1.5L	****					•
MODUS	2004 - 2011	.POB K4M, .POL K4M, .POM K4M, .POU K4M, .POV K4M, K4M, .POWK4M	1.6L	****					•
Renault Sport Megane II	2004 - 2007	F4RT	2.0L	****					•
SAFRANE	1995 - 2000	.540 J7R, .542 J7R, .54E J7R, .540 J7R, .542 J7R, .54E J7R, .54L N7Q, .54L N7Q	2.0L	****	****	•	•	•	•
SAFRANE	1995 - 1996	.546 J8S	2.1L	*					•
SAFRANE	1995 - 1999	.541 J7T, .543 J7T, .54H J7T, .541 J7T, .543 J7T, .54G G8T	2.2L	****	****	•	•	•	•
SAFRANE	1995 - 2000	.548 S8U, .54F N7U, .54F N7U	2.5L	****	****	•	•	•	•
SAFRANE	1995 - 2000	.544 Z7X, .545 Z7X, .54B Z7X, .544 Z7X, .545 Z7X, .54B Z7X, .54J Z7X, .54M Z7X, .54N L7X	3.0L	****	****	•	•	•	•
SCENIC	1999 - 2004	.A0W K4J, .A0W K4J, .A1H K4J, .A1H K4J, .A1K K4J, .A1K K4J, .A0D K4J, .A0D K4J, .A0W K4J, .A00 K4J, .A00 K4J, .A0D K4J, .A0D K4J, .A0W K4J, .A10 K4J, .A10 K4J, .A00 K4J, .A0W K4J, .A10 K4J, .A1K K4J, .A0D K4J, .A1H K4J	1.4L	****	****	•	•	•	•
Scenic	1997 - 2004	.A0F K7M, .A0L K7M, .A0S K7M, .A0S K7M, .A1C K7M, .A1C K7M, .A04 K4M, .A04 K4M, .A1J K4M, .A1J K4M, .A04 K4M, .A04 K4M, .A0B K4M, .A0B K4M, .A11 K4M, .A11 K4M, .A15 K4M, .A15 K4M, .A16 K4M, .A16 K4M, .A04 K4M, .A15 K4M, .A16 K4M, .A0B K4M, .A11 K4M, .A1J	1.6L	****	****	•	•	•	•
Scenic	2000 - 2003	.A12 F4P, .A12 F4P, .A1A F4P, .A1A F4P, .A1M F4P, .A1M F4P, .A1R F4P, .A1R F4P, .A1R F4P	1.8L	****		•	•		•
Scenic	1999 - 2003	.A09 F8Q, .A09 F8Q, .A0J F8Q, .A0J F8Q, .A0K F8Q, .A0K F8Q, .A0N F9Q, .A0Y F8Q, .A09 F8Q, .A0U F8Q, .A0U F8Q, .A0Y F8Q, .A0Y F8Q, .A09 F8Q, .A0K F8Q, .A0N F9Q, .A09 F8Q, .A0K F8Q, .A0N F9Q, .A0N F9Q, .A0A F8Q, .A0A F8Q, .A0Y F8Q, .A0Y F8Q, .A1F	1.9L	****	****	•	•	•	•

Codes and Tips = Codes and Tips • = Symptom Base Tests •• = Both Available | Key Component Tests = Component Tests •• = Symptom Base Tests ••• = Both Available \*\*\*\* = Model Updated  
 Dark grey lines indicate new content at 1.4.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Fast-Track® Troubleshooter

(Refer to key for guidance on codes)

RENAULT		Engine Code	Engine Info	(Refer to key for guidance on codes)					
Model	Years			Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
SCENIC	1997 - 2004	.A02 F3R, .A07 F3R, .A0G F3R, .A1B F4R, .A1B F4R, .A1D F4R, .A1D F4R, .A1L F4R, .A1L F4R, .A1S F4R, .A1S F4R, .A1B F4R, .A1B F4R, .A1D F4R, .A1D F4R, .A1L F4R, .A1L F4R, .AOC F4R, .AOC F4R, .AOC F4R, .AOC F4R, .A13 F4R, .A13 F4R, .A17 F4R, .A17 F4R, .AOC	2.0L	****	****	•	•	•	•
Scenic II	2003 - 2008	.M0B K4J, .M08 K4J, .M0H K4J, .M1A K4J, K4J, .M1S K4J	1.4L	****					•
Scenic II	2003 - 2008	.M02 K9K, .M0F K9K, .M0T K9K, .M13 K9K, .M1E K9K, .M1F K9K, K9K	1.5L	****					•
Scenic II	2003 - 2008	.M0C K4M, .M0J K4M, .M0Y K4M, .M1B K4M, K4M, .M1R K4M	1.6L	****					•
Scenic II	2003 - 2008	.M0U F4R, .M0S F4R, .M0M F4R, .M0W F4R, .M11 F4R, .M1M F4R, .M1N F4R, F4R, .M1K M9R, .M1U F4R, M9R	2.0L	****					•
SPIDER	1997 - 2000	.F0H F7R	2.0L	****	****				•
TRAFIC	2000 - 2000	...J F8Q	1.9L	****	****				•
TRAFIC	1995 - 1997	P..3 852, T..3 852, V..3 852, P..F J8S, T..F J8S, T..K J8S	2.1L						•
TRAFIC	1995 - 1997	T..A J7T, V..A J7T, T..E J7T, V..E J7T	2.2L	****	****	•	•		•
TRAFIC	1995 - 2000	P..4 S8U, V..B S8U, T..4 S8U, T..B S8U, V..4 S8U, T..G S8U, V..G S8U, ...G S8U	2.5L						•
TRAFIC II	1998 - 2009	...J F8Q, ...L F8Q, .LOB F9Q, .LOB F9Q, .LOC F9Q, .LOC F9Q, .LOC F9Q, .LOC F9Q, .LOK F9Q, .LOK F9Q, .LOB F9Q, .LOB F9Q, F9Q, F9Q	1.9L	****	****				•
TRAFIC II	2001 - 2011	.LOA F4R, .LOG F4R, .LOA F4R, .LOG F4R, F4R, F4R, .LOA F4R, .LOG F4R, .LOH M9R, .LOM M9R, M9R, F4R	2.0L	****		•	•		•
Trafic II	2002 - 2012	.LOD G9U, G9U, G9U, .LOJ G9U	2.5L	****					•
TWINGO	2001 - 2001	.06D D4F	1.0L	****					•
TWINGO	1995 - 2006	.063 C3G, .063 C3G, .064 C3G, .065 C3G, .067 D7F, .066 D7F, .066 D7F, .067 D7F, .068 D7F, .068 D7F, .066 D7F, .066 D7F, .066 D7F, .066 D7F, .067 D7F, .067 D7F, .067 D7F, .068 D7F, .066 D7F, .066 D7F, .066 D7F, .066 D7F, .06C D4F, .06C	1.2L	****	****	•	•	•	•
Twingo II	2007 - 2013	.NOA D4F, .NOC D4F, .NOD D7F, .NOV D4F, D7F, D4F, .NOR K4M	1.2L	****					•
Twingo II	2007 - 2010	.NOE K9K, .NOM K9K, K9K, K9K	1.5L	****					•
Twingo II	2008 - 2013	K4M	1.6L	****					•
Vel Satis	2001 - 2007	.JOK F4R, .JOK F4R, .JOK F4R, .JOP F4R, .JOK F4R, .JOK F4R, .JOP F4R, .JOP F4R, .JOW F4R, .JOW F4R, .JOK F4R, .JOP F4R, F4R, F4R, .J03 M9R, .JOB M9R, M9R	2.0L	****		•	•	•	•
VEL SATIS	2001 - 2007	.JOE G9T, .JOE G9T, .JOF G9T, .JOF G9T, .JOG G9T, .JOG G9T, .JOM G9T, .JOM G9T, .JOE G9T, .JOE G9T, .JOF G9T, .JOF G9T, .JOG G9T, .JOG G9T, .JOH G9T, .JOH G9T, .JOM G9T, .JOM G9T, G9T, G9T	2.2L	****					•

RENAULT		Engine Code	Engine Info	(Refer to key for guidance on codes)					
Model	Years			Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Vel Satis	2001 - 2008	.J0J P9X, .J0N P9X, .J0J P9X, .J0N P9X, P9X, P9X	3.0L	****					•
VEL SATIS	2001 - 2007	.J0U V4Y, .J0U V4Y, .J0V V4Y, .J0V V4Y, .J0R V4Y, .J0R V4Y, .J0U V4Y, .J0U V4Y, .J0V V4Y, .J0V V4Y, .J0U V4Y, .J0U V4Y, .J0V V4Y, V4Y, V4Y	3.5L	****		•	•		•

(Refer to key for guidance on codes)

ROVER		Engine Code	Engine Info	(Refer to key for guidance on codes)					
Model	Years			Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
200vi	1995 - 1999	18K4	1.8L	•	•	•	•	•	•
211	1998 - 1999	11K8	1.1L	•	•	•	•	•	•
213	1987 - 1989	EV2	1.3L	•					•
214	1995 - 1999	14K2, 14K4F, 14K2, 14K4C, 14K4D, 14K4F	1.4L	•	•	•	•	•	•
214/414	1989 - 1994	14K4, 14K4C, 14K4C, 14K4F, 14K2D, 14K4C, 14K4D, 14K8	1.4L	•	•	•	•	•	•
216	1995 - 1999	16K4, D16..	1.6L	•	•	•	•	•	•
216 COUPE	1996 - 1999	16K4	1.6L	•	•	•	•	•	•
216/416	1987 - 1996	16H, 16H, D16..	1.6L	•	•	•	•	•	•
218	1991 - 1999	18K4, A8A	1.8L	•	•	•	•	•	•
218 COUPE	1996 - 1999	18K4	1.8L	•	•	•	•	•	•
220	1996 - 1999	20T2R, 20T2N	2.0L	•	•	•	•	•	•
220 COUPE	1993 - 1995	20T4, 20T4	2.0L	•	•	•	•	•	•
220/420	1991 - 1994	20T4, 20T4	2.0L	•	•	•	•	•	•
25	1999 - 2003	11K4FM	1.1L	•	•	•	•	•	•
25	1999 - 2003	14K4	1.4L	•	•	•	•	•	•
25	1999 - 2003	16K4	1.6L	•	•	•	•	•	•
25	1999 - 2003	18K4, 18K4	1.8L	•	•	•	•	•	•
25	1999 - 2003	20T2N	2.0L	•	•	•	•	•	•
414	1995 - 1999	14K4C, 14K4D, 14K4F, 14K4F, 14K4F	1.4L	•	•	•	•	•	•
416	1995 - 1999	16K4, D16A6, D16..	1.6L	•	•	•	•	•	•
420	1995 - 1999	20T4, 20T4, 20T2N, 20T2R, 20T4	2.0L	•	•	•	•	•	•
45	1999 - 2003	14K4FN	1.4L	•	•	•	•	•	•
45	1999 - 2003	16K4FN	1.6L	•	•	•	•	•	•
45	1999 - 2003	18K4, 18K4	1.8L	•	•	•	•	•	•
45	1999 - 2003	20K4, 20T2N	2.0L	•	•	•	•	•	•
618	1993 - 1999	F18A3	1.8L	•	•	•	•	•	•
620	1992 - 1999	20T4, 20T4, 20T2N, 20T4, F20Z1	2.0L	•	•	•	•	•	•
623	1993 - 1997	H23A3	2.3L	•	•	•	•	•	•
75	1999 - 2003	18K4FK	1.8L	•	•	•	•	•	•
75	1999 - 2003	20K4, M47R	2.0L	•	•	•	•	•	•
75	1999 - 2003	25K4	2.5L	•	•	•	•	•	•
820	1987 - 1999	20HD, 20T4, 20T4, 20HD, 20HD, 20HD, 20HD, 20M4G, 20T4	2.0L	•	•	•	•	•	•
825	1992 - 1999	25KV6, 4258L1	2.5L	•	•	•	•	•	•
825/STERLING	1987 - 1991	C25A, C25A	2.5L	•	•	•	•	•	•
827/STERLING/VITESSE	1988 - 1995	27V6, 27V6	2.7L	•	•	•	•	•	•
MAESTRO	1987 - 1995	12H, 12H	1.3L	•	•	•	•	•	•
MAESTRO	1987 - 1993	16H	1.6L	•	•	•	•	•	•
MAESTRO	1987 - 1995	20H, MDI, MDI	2.0L	•	•	•	•	•	•
METRO/100	1987 - 1990	99H	1.0L	•	•	•	•	•	•

Codes and Tips = Codes and Tips •• = Symptom Base Tests ••• = Both Available | Key Component Tests = Component Tests •• = Symptom Base Tests ••• = Both Available \*\*\*\* = Model Updated  
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## Fast-Track® Troubleshooter

			(Refer to key for guidance on codes)						
ROVER									
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
METRO/100	1990 - 1998	11K2D, 11K8, 11K2D, 11K8, 11K8	1.1L	•	•	•	•	•	•
METRO/100	1986 - 1993	12H, 12H	1.3L	•	•	•	•	•	•
METRO/100	1990 - 1999	Null	1.4L	•	•	•	•	•	•
METRO/100	1995 - 1998	VJZ	1.5L	•	•	•	•	•	•
MG RV8	1993 - 1995	V8	4.0L	•	•	•	•	•	•
MG TF	2002 - 2003	16K4	1.6L	•	•	•	•	•	•
MG TF	2002 - 2003	18K4, 18K4	1.8L	•	•	•	•	•	•
MG ZR	2001 - 2003	14K4	1.4L	•	•	•	•	•	•
MG ZR	2001 - 2003	18K4	1.8L	•	•	•	•	•	•
MG ZR	2002 - 2003	20T2N	2.0L	•	•	•	•	•	•
MG ZS	2001 - 2003	18K4	1.8L	•	•	•	•	•	•
MG ZS	2003 - 2003	20T2N	2.0L	•	•	•	•	•	•
MG ZS	2001 - 2003	25K4	2.5L	•	•	•	•	•	•
MG ZT	2003 - 2003	18K	1.8L	•	•	•	•	•	•
MG ZT	1999 - 2003	M47R	2.0L	•	•	•	•	•	•
MG ZT	2001 - 2003	25K4	2.5L	•	•	•	•	•	•
MG ZT-T	2003 - 2003	18K	1.8L	•	•	•	•	•	•
MG ZT-T	1999 - 2003	M47R	2.0L	•	•	•	•	•	•
MG ZT-T	2001 - 2003	25K4	2.5L	•	•	•	•	•	•
MGF	1995 - 2003	18K4KM, 18K4, 18K4, 18K4	1.8L	•	•	•	•	•	•
MINI	1987 - 1992	99H	1.0L	•	•	•	•	•	•
MINI	1989 - 1999	12A2, 12A2, 12A2, 12A2, 12A2	1.3L	•	•	•	•	•	•
MINI COOPER	1990 - 1996	12A2, 12A2	1.3L	•	•	•	•	•	•
MONTEGO	1987 - 1993	12H, 12H	1.3L	•	•	•	•	•	•
MONTEGO	1987 - 1993	16H, 16H, 16H, 16H	1.6L	•	•	•	•	•	•
MONTEGO	1987 - 1993	20H, 20H, 20H, 20H, 20H, 20H	2.0L	•	•	•	•	•	•

			(Refer to key for guidance on codes)						
SEAT									
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
ALTEA	2004 - 2008	BGU, BSE, BSF	1.6L	•	•	•	•	•	•
ALTEA	2004 - 2008	BJB, BKC, BLS, BXE	1.9L	•	•	•	•	•	•
ALTEA	2004 - 2008	AZV, BKD, BLR, BLY, BMM, BMN, BVZ, BVY	2.0L	•	•	•	•	•	•
ALTEA/FREETRACK	2009 - 2010	CAXC, BXW	1.4L	•	•	•	•	•	•
ALTEA/FREETRACK	2009 - 2010	BSF, CCSA, BSE	1.6L	•	•	•	•	•	•
ALTEA/FREETRACK	2009 - 2010	BJB, BXF, BLS, BXE	1.9L	•	•	•	•	•	•
ALTEA/FREETRACK	2009 - 2011	AZV, BLR, BMM, BMN, BVZ, CEGA, BKD, BLY	2.0L	•	•	•	•	•	•
AROSA	1997 - 2004	AER, ALD, ALL, ANV, AHT, AUC	1.0L	•	•	•	•	•	•
AROSA	1999 - 2003	ANY	1.2L	•	•	•	•	•	•
AROSA	1997 - 2004	AFK, APQ, AUB, AUD, AEX, AKK, AKV, AMF, ANW, AQQ	1.4L	•	•	•	•	•	•
AROSA	1997 - 2004	AKU	1.7L	•	•	•	•	•	•
CORDOBA	1997 - 2003	AFR, AVZ, AER, ALD, ALL, ANV, AST, AUC	1.0L	•	•	•	•	•	•
CORDOBA	2003 - 2008	AZQ, BME	1.2L	•	•	•	•	•	•
CORDOBA	1993 - 2009	AEX, AMF, APQ, AQQ, BBY, BKY, BNM, BXW, ABD, AFH, AKK, AKV, ANW, APE, AUA, AUB, AUD, BBZ, BMS, BNV	1.4L	•	•	•	•	•	•
CORDOBA	1993 - 2006	1F, ABU, AEE, AKL, ALM, AEH, AFT, APF, AUR, BAH	1.6L	•	•	•	•	•	•

			(Refer to key for guidance on codes)						
SEAT									
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
CORDOBA	1993 - 2003	ADL, AYP, ABS, ADZ, AQX	1.8L	•	•	•	•	•	•
CORDOBA	1993 - 2009	1Z, AGP, ALH, AQM, ASY, BPX, BUK, AEY, AFN, AGR, AHU, ASV, ASZ, ATD, AVG, AXR	1.9L	•	•	•	•	•	•
CORDOBA	1993 - 2006	ABF, ADY, AGG, 2E, AZL	2.0L	•	•	•	•	•	•
EXEO	2009 - 2010	ALZ	1.6L	•	•	•	•	•	•
EXEO	2009 - 2012	BWE, CAGA, CAHA	2.0L	•	•	•	•	•	•
IBIZA	1993 - 2003	AAU, AFR, AUC, AVZ, AER, ALD, ALL, ANV, AST	1.0L	•	•	•	•	•	•
IBIZA	2002 - 2010	AZQ, BME, BZG	1.2L	•	•	•	•	•	•
IBIZA	1993 - 1995	AAV	1.3L	•	•	•	•	•	•
IBIZA	1993 - 2010	AEX, AKK, AKV, AMF, ANW, AQQ, AUA, BBY, BKY, BMS, BNV, BXW, CAVE, ABD, AFH, APE, APQ, AUB, AUD, BBZ, BNM	1.4L	•	•	•	•	•	•
IBIZA	1993 - 2010	1F, ABU, AEE, AFT, AKL, APF, AEH, ALM, AUR, BAH, BTS	1.6L	•	•	•	•	•	•
IBIZA	1993 - 2008	AYP, BBU, BKV, BLZ, ABS, ADL, ADZ, AQX, BJX	1.8L	•	•	•	•	•	•
IBIZA	1993 - 2010	1Z, AFN, AGR, AGR, ALH, AQM, ARL, ASY, AXR, BPX, BUK, AEY, AHU, ASV, ASZ, ATD, AVG, BLS, BLT	1.9L	•	•	•	•	•	•
Ibiza	1993 - 2006	AGG, BBX, 2E, ABF, ADY, AZL	2.0L	•	•	•	•	•	•
INCA	1995 - 2003	AEX, AKK, APQ, AKV, AUA, AUD	1.4L	•	•	•	•	•	•
INCA	1995 - 2003	1F, AEE, ALM	1.6L	•	•	•	•	•	•
INCA	1995 - 2003	1Z, ALH, AEY, AHU, AYQ	1.9L	•	•	•	•	•	•
LEON	1999 - 2012	AHW, APE, BXW, CAXC, AXP, BCA	1.4L	•	•	•	•	•	•
LEON	1999 - 2010	AEH, APF, BSF, AKL, AUS, AZD, BCB, BFQ, BSE	1.6L	•	•	•	•	•	•
LEON	1999 - 2012	AGN, AJQ, AMK, APG, AUQ, BAM, BAM, APP, ARY, ARY, AUQ, CDA	1.8L	•	•	•	•	•	•
LEON	1999 - 2010	AHF, ASV, ASZ, BKC, BXF, AGR, ALH, AQM, ARL, BLS, BXE	1.9L	•	•	•	•	•	•
Leon	2006 - 2012	BLR, BLY, BMM, BMN, BWA, CEGA, BKD, BVY, CFHC	2.0L	•	•	•	•	•	•
LEON	1999 - 2001	AGZ, AQN	2.3L	•	•	•	•	•	•
LEON	1999 - 2004	AUE, BDE	2.8L	•	•	•	•	•	•
TOLEDO	1999 - 2009	AUB, AXP, AHW, AUD, BXW	1.4L	•	•	•	•	•	•
TOLEDO	1995 - 2009	1F, AEH, AUS, AZD, BCB, AFT, AKL, APF, BSF, BSE	1.6L	•	•	•	•	•	•
TOLEDO	2004 - 2004	AKU	1.7L	•	•	•	•	•	•
TOLEDO	1993 - 2004	ABS, ADZ, AJQ, APP, AUQ, AGN, APG, ARY, AUQ	1.8L	•	•	•	•	•	•
TOLEDO	1994 - 2009	ANU, ASV, AVG, 1Z, AFN, AGR, AHF, AHU, ALH, AQM, ARL, ASZ, BKC, BXE, BJB, BLS	1.9L	•	•	•	•	•	•
TOLEDO	1992 - 2009	2E, ABF, AGG, AZV, BLR, BLY, BMM, BMN, BVY, BVZ, BKD, CEGA	2.0L	•	•	•	•	•	•
TOLEDO	1998 - 2004	AGZ, AQN	2.3L	•	•	•	•	•	•
TOLEDO	1999 - 1999	AUE	2.8L	•	•	•	•	•	•
TOLEDO (VIN 1M)	2005 - 2005	AKL, AEH, BCB	1.6L	•	•	•	•	•	•
TOLEDO (VIN 1M)	2005 - 2005	AUQ, AGN, APG, AUQ	1.8L	•	•	•	•	•	•
TOLEDO (VIN 1M)	2005 - 2005	AHF, ALH, AGR, ARL, ASV, ASZ	1.9L	•	•	•	•	•	•
TOLEDO (VIN 1M)	2005 - 2005	AQN	2.3L	•	•	•	•	•	•
TOLEDO (VIN 5P)	2005 - 2005	BGU	1.6L	•	•	•	•	•	•
TOLEDO (VIN 5P)	2005 - 2005	BJB, BKC	1.9L	•	•	•	•	•	•
TOLEDO (VIN 5P)	2005 - 2005	AZV, BLY, BKD, BLR	2.0L	•	•	•	•	•	•
VARIO	1999 - 2002	ALD, ANV, AUC	1.0L	•	•	•	•	•	•

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SEAT			(Refer to key for guidance on codes)						
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
VARIO	1999 - 2002	AFH, ANW, APE, AQQ, AUA, AUB, AUD, APQ	1.4L	•	•				•
VARIO	1999 - 2002	AEH, AKL, APF, APF	1.6L	•	•				•
VARIO	1999 - 2002	AQX	1.8L	•	•				•
VARIO	1999 - 2002	AGP, AHU, ASV, AQM	1.9L	•	•				•
VARIO	1999 - 2002	ADY	2.0L		•				•

ŠKODA			(Refer to key for guidance on codes)						
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
ESTATE	1993 - 1996	135B, 136B	1.3L	•	•	•		•	•
FABIA	1999 - 2003	ARV, ATY, AQV	1.0L	•	•				•
FABIA	2003 - 2010	AZQ, BBM, BME, BZG, AWY, BMD	1.2L	•	•	•	•	•	•
FABIA	1999 - 2010	AZF, AZE, AQW, BBY, AMF, BKY, BNV, BMS, AUA, AUB, BBZ, ATZ, BNM, BXW, AME	1.4L	•	•	•	•	•	•
FABIA	2009 - 2010	BTS	1.6L	•	•	•	•	•	•
FABIA	1999 - 2010	BLT, AXR, BLS, ATD, BSW, ASY	1.9L	•	•	•	•	•	•
FABIA	1999 - 2007	AZL, AQY	2.0L	•	•	•	•	•	•
FAVORIT	1993 - 1996	135B, 136B	1.3L	•	•	•			•
FELICIA	1994 - 2000	136B, 135B, 136M	1.3L	•	•	•			•
FELICIA	1995 - 2003	AEE	1.6L	•	•	•	AEE		•
FELICIA PICKUP	1994 - 2001	135B, 136M, 136B	1.3L	•	•	•			•
FORMAN	1993 - 1996	135B, 136B	1.3L	•	•	•			•
OCTAVIA	1999 - 2005	BCA, XAP, AMD	1.4L	•	•	•	•	•	•
OCTAVIA	1996 - 2005	AEE, AKL, AVU, BFQ, AEH, BGV	1.6L	•	•	•	•	•	•
OCTAVIA	1996 - 2003	AGU, AGN, ARX, AUQ, ARZ, AUM	1.8L	•	•	•	•	•	•
OCTAVIA	1996 - 2003	AQM, ASZ, ATD, AHF, AGR, ALH, ASV, AGP	1.9L	•	•	•	•	•	•
OCTAVIA	1999 - 2005	AEG, AZV, APK, AZJ, AQY, AZH	2.0L	•	•	•	•	•	•
OCTAVIA (VIN 1U)	2004 - 2004	BCA	1.4L	•	•	•	•	•	•
OCTAVIA (VIN 1U)	2004 - 2004	AKL, AEH, AEE, BFQ	1.6L	•	•	•	•	•	•
OCTAVIA (VIN 1U)	2004 - 2004	AGU, AUM, AUQ, ARX	1.8L	•	•	•	•	•	•
OCTAVIA (VIN 1U)	2004 - 2004	AQM, AGR, AHF, ALH, ASV, AGP, ASZ, ATD	1.9L	•	•	•	•	•	•
OCTAVIA (VIN 1U)	2004 - 2004	AEG, AZJ, AZH, APK	2.0L	•	•	•	•	•	•
OCTAVIA (VIN 1Z)	2004 - 2004	BCA	1.4L	•	•	•	•	•	•
OCTAVIA (VIN 1Z)	2004 - 2004	BGU	1.6L	•	•	•	•	•	•
OCTAVIA (VIN 1Z)	2004 - 2004	AZV	2.0L	•	•	•	•	•	•
OCTAVIA II	2005 - 2010	BUD, CAXA, BCA, CAXA	1.4L	•	•	•	•	•	•
OCTAVIA II	2005 - 2010	CAYC, BSE, BLF, BSF	1.6L	•	•	•	•	•	•
OCTAVIA II	2010 - 2010	CDAB, CDA	1.8L	•	•	•	•	•	•
OCTAVIA II	2005 - 2010	BJB, BLS, BKC, BXE	1.9L	•	•	•	•	•	•
OCTAVIA II	2005 - 2010	BVZ, BLX, CCZA, BMM, BVY, BWA, AZV, CEGA, BMN, BKD, BVX, BLR, BLY	2.0L	•	•	•	•	•	•
PICKUP	1993 - 1996	136B, 135B	1.3L	•	•	•			•
ROOMSTER	2006 - 2009	BME, BZG	1.2L	•	•	•	•	•	•
ROOMSTER	2006 - 2010	BMS, BNM, BXW, BNV, BUD	1.4L	•	•	•	•	•	•
ROOMSTER	2006 - 2011	BTS	1.6L	•	•	•	•	•	•
ROOMSTER	2006 - 2010	BLS, BSW, AXR	1.9L	•	•	•	•	•	•
SUPERB	2010 - 2010	CAXC	1.4L	•	•	•	•	•	•
SUPERB	2002 - 2010	AWT, BZB, CDA, CDAB	1.8L	•	•	•	•	•	•

ŠKODA			(Refer to key for guidance on codes)						
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
SUPERB	2002 - 2010	BPZ, BSV, AVF, AVB, BLS, AWX, BXE	1.9L	•	•	•	•	•	•
SUPERB	2002 - 2010	CBBB, AZM, BSS, BMP	2.0L	•	•	•	•	•	•
SUPERB	2002 - 2008	BDG, AYM	2.5L	•	•	•	•	•	•
SUPERB	2002 - 2008	BBG, AMX	2.8L	•	•	•	•	•	•

VW			(Refer to key for guidance on codes)						
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
BORA	1999 - 2005	AKQ, APE, AXP, BCA, AHW	1.4L	•	•	•	•	•	•
BORA	1998 - 2005	AEH, AKS, AZD, BAD, BAH, BFQ, AKL, APF, ATN, AUR, AUS, AVU, BCB	1.6L	•	•	•	•	•	•
BORA	1998 - 2005	AGU, ARX, AUM, AUQ, AGN, APH, AQA, AUM, AUQ, AWP	1.8L	•	•	•	•	•	•
BORA	1998 - 2005	AGR, AHF, AJM, ALH, ANU, ARL, ASV, ATD, AGP, AQM, ASZ, AUY, AXR	1.9L	•	•	•	•	•	•
BORA	1998 - 2005	APK, AZG, AQY, AZH, AZJ	2.0L	•	•	•	•	•	•
BORA	1999 - 2004	AGZ, AQN	2.3L	•	•	•	•	•	•
BORA	1999 - 2003	AQP, AUE, BDE	2.8L	•	•	•	•	•	•
CADDY	1995 - 2010	AEX, AKV, AUD, BBY, BCA, AKK, APE, APQ, AUA, BUD	1.4L	•	•	•	•	•	•
CADDY	1995 - 2010	1F, AFT, BGV, BSE, AEE, BSF	1.6L	•	•	•	•	•	•
CADDY	1996 - 2000	AHB	1.7L	•	•	•	•	•	•
CADDY	1996 - 2010	AEY, AHU, AYQ, BJB, BSU, 1Z, AFN, ALE, ALH, ASV, BKC, BLS	1.9L	•	•	•	•	•	•
CADDY	2004 - 2010	BDJ, BST, BMM	2.0L	•	•	•	•	•	•
CADDY PICKUP	1997 - 2000	APE, AEX	1.4L	•	•	•	•	•	•
CADDY PICKUP	1997 - 2003	AEE	1.6L	•	•	•	•	•	•
CAMP MOBIL	1995 - 1996	1E	2.4L	•	•	•	•	•	•
CORRADO	1992 - 1995	9A, ADY, 2E	2.0L	•	•	•	•	•	•
CORRADO	1992 - 1995	AAA	2.8L	•	•	•	•	•	•
CORRADO	1992 - 1998	ABV	2.9L	•	•	•	•	•	•
CRAFTER	2006 - 2010	BJK	2.5L	•	•	•	•	•	•
EOS	2009 - 2010	CAVD, CAXA	1.4L	•	•	•	•	•	•
EOS	2006 - 2007	BLF	1.6L	•	•	•	•	•	•
EOS	2006 - 2010	BMM, BVY, BVZ, BWA, CBAB, BVY, BVZ	2.0L	•	•	•	•	•	•
FOX	2005 - 2009	BMD	1.2L	•	•	•	•	•	•
FOX	2005 - 2009	AMF, BNM, BNM	1.4L	•	•	•	•	•	•
FOX	2006 - 2007	AVY	1.6L	•	•	•	•	•	•
FOX/LUPO	2010 - 2011	BMD	1.2L	•	•	•	•	•	•
FOX/LUPO	2010 - 2011	BKR, BNM	1.4L	•	•	•	•	•	•
Golf	1992 - 2010	ABD, AKQ, APE, APQ, AEX, AHW, AXP, BCA, BMY, CAXA, CGGA, BKG, BLN, BUD, CAVD	1.4L	•	•	•	•	•	•
GOLF	1992 - 2012	ABU, AEE, AEH, AEK, AKS, APF, ATN, AUR, AVU, AEA, AFT, AKL, AUS, AZD, BCB, BGV, BLP, BSE, CCSA, BAD, BAG, BFQ, BLF, BSF	1.6L	•	•	•	•	•	•
GOLF	1992 - 2007	2H, AAM, ABS, ADZ, AGU, ANN, APG, APH, AQA, ARX, ARZ, AUM, AUQ, AGN, ANP, AUM, AUQ, AWP	1.8L	•	•	•	•	•	•



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(Refer to key for guidance on codes)

VW				(Refer to key for guidance on codes)					
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
Golf	1993 - 2009	1Z, AFN, AGR, AHF, AHU, AJM, ALE, ALH, ANU, ARL, ASV, ASZ, ATD, AEU, AGP, AQM, AUY, AXR, BJB, BKC, BRU, BXF, BXF, BKC, BLS, BRU, BXE, BXE	1.9L	•	•	•	•	•	•
GOLF	1992 - 2010	9A, ABF, ADY, AEG, AKR, APK, ATU, AWF, 2E, ABA, AGG, AQY, AZJ, AZV, BKD, BLR, BLX, BLX, BLY, BMM, BMN, BVX, BVY, BVZ, CBDA, CBD, AWG, AXW, AXX, AZG, AZH, BDK, BEH, BLR, BLY, BMM, BVX, BVY, BVZ, BWA, CBAA, CBAB, CBBB, CBDB, CCZB	2.0L	•	•	•	•	•	•
GOLF	1997 - 2003	AGZ, AQN	2.3L	•	•	•	•	•	•
GOLF	1992 - 2003	AAA, AQP, AUE, BDE	2.8L	•	•	•	•	•	•
GOLF	1994 - 1998	ABV	2.9L	•	•	•	•	•	•
GOLF	2003 - 2008	BFH, BUB	3.2L	•	•	•	•	•	•
GOLF (VIN 1)	2004 - 2004	AHW, BCA	1.4L	•	•	•	•	•	•
GOLF (VIN 1)	2004 - 2004	AKL, AEH, BAD, BCB, BFQ	1.6L	•	•	•	•	•	•
GOLF (VIN 1)	2004 - 2004	AGU, AUM, AUM, AUQ, AWP	1.8L	•	•	•	•	•	•
GOLF (VIN 1)	2004 - 2004	AHF, ALH, AQM, ATD, ARL, ASV, ASZ, AXR	1.9L	•	•	•	•	•	•
GOLF (VIN 1)	2004 - 2004	AZJ, BEH	2.0L	•	•	•	•	•	•
GOLF (VIN 1)	2004 - 2004	AQN	2.3L	•	•	•	•	•	•
GOLF (VIN 1)	2004 - 2004	BDE	2.8L	•	•	•	•	•	•
GOLF (VIN 1)	2004 - 2004	BFH, BJS, BML	3.2L	•	•	•	•	•	•
GOLF (VIN 1K)	2004 - 2004	BCA, BKG	1.4L	•	•	•	•	•	•
GOLF (VIN 1K)	2004 - 2004	BGU, BAG	1.6L	•	•	•	•	•	•
GOLF (VIN 1K)	2004 - 2004	BKC, BKC	1.9L	•	•	•	•	•	•
GOLF (VIN 1K)	2004 - 2004	AZV, BKD, AXW, BDK	2.0L	•	•	•	•	•	•
GOLF CABRIO	1994 - 2003	AFT, AKS, AEK	1.6L	•	•	•	•	•	•
GOLF CABRIO	1993 - 2003	AAM, ABS, ADZ, ANP, ANN	1.8L	•	•	•	•	•	•
GOLF CABRIO	1995 - 2003	1Z, AHU, AVG, AFN, ALE	1.9L	•	•	•	•	•	•
GOLF CABRIO	1993 - 2003	2E, ADY, ABA, AKR, ATU, AWG, AGG, AWF	2.0L	•	•	•	•	•	•
GOLF VARIANT	1993 - 2003	ABD, AKQ, AEX, AHW, AXP, APE, AUA, BCA	1.4L	•	•	•	•	•	•
GOLF VARIANT	1993 - 2003	ABU, AEE, AEH, AEK, AKS, AEA, AFT, AKL, ATN, AUS, AVU, BCB, APF, AZD, BAD	1.6L	•	•	•	•	•	•
GOLF VARIANT	1993 - 2003	AAM, ABS, ADZ, AGU, AGN, ANP, ANN, ARX, ARZ, AUM	1.8L	•	•	•	•	•	•
GOLF VARIANT	1993 - 2003	1Z, AFN, AGR, AHF, AHU, AJM, ALE, AEU, AGP, AQM, ASZ, AUY, AXR, ALH, ASV, ATD	1.9L	•	•	•	•	•	•
GOLF VARIANT	1993 - 2003	ABA, ABF, ADY, AKR, 2E, AGG, AQY, ATU, AZJ, APK, AWF, AWG, AZH	2.0L	•	•	•	•	•	•
GOLF VARIANT	1997 - 2003	AGZ, AQN	2.3L	•	•	•	•	•	•
GOLF VARIANT	1993 - 2003	AAA, AQP, AUE, BDE	2.8L	•	•	•	•	•	•
GOLF VARIANT	1994 - 1998	ABV	2.9L	•	•	•	•	•	•
JETTA	1992 - 1994	ABA, 9A	2.0L	•	•	•	•	•	•
Jetta (USA/Canada)	1992 - 1994	9A	2.0L	•	•	•	•	•	•
LT	1997 - 2003	AGL	2.3L	•	•	•	•	•	•
LT	1995 - 1996	1E	2.4L	•	•	•	•	•	•
LT	1997 - 2006	BBE, AGX, AHD, ANJ, APA, AVR, BBF	2.5L	•	•	•	•	•	•
LT	1998 - 2003	AGK, ATA	2.8L	•	•	•	•	•	•
LUPO	1998 - 2007	AER, AHT, ANV, AUC, ALD, ALL	1.0L	•	•	•	•	•	•
LUPO	1999 - 2005	ANY, AYZ	1.2L	•	•	•	•	•	•

(Refer to key for guidance on codes)

VW				(Refer to key for guidance on codes)					
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic
LUPO	1998 - 2007	AMF, AMF, ANW, APE, AQQ, AUB, AFK, AHW, AKQ, ARR, AUA, AUD, BBY	1.4L	•	•	•	•	•	•
LUPO	1999 - 2007	AVY, ARC	1.6L	•	•	•	•	•	•
LUPO	1998 - 2005	AKU	1.7L	•	•	•	•	•	•
MULTIVAN	2003 - 2007	AXD	2.5L	•	•	•	•	•	•
MULTIVAN	2003 - 2007	BDL	3.2L	•	•	•	•	•	•
NEW BEETLE	2002 - 2010	BCA	1.4L	•	•	•	•	•	•
NEW BEETLE	2000 - 2010	BFS, AWH, AYD	1.6L	•	•	•	•	•	•
NEW BEETLE	1998 - 2011	AEB, AVC, AWP, AWU, AWV, APH	1.8L	•	•	•	•	•	•
NEW BEETLE	1998 - 2010	AGR, AXR, BSW, ALH, ATD	1.9L	•	•	•	•	•	•
NEW BEETLE	1998 - 2010	AEG, AQY, AZG, APK, AZJ	2.0L	•	•	•	•	•	•
NEW BEETLE	2001 - 2005	AQN	2.3L	•	•	•	•	•	•
NEW BEETLE	2000 - 2001	AXJ	3.2L	•	•	•	•	•	•
NEW JETTA/VENTO/BORA	2009 - 2010	CAXA, CAVD	1.4L	•	•	•	•	•	•
NEW JETTA/VENTO/BORA	2006 - 2010	BLF, BSE, CCSA, BSF	1.6L	•	•	•	•	•	•
NEW JETTA/VENTO/BORA	2006 - 2010	BKC, BKC, BLS, BXE	1.9L	•	•	•	•	•	•
NEW JETTA/VENTO/BORA	2006 - 2010	AZV, BKD, BLR, BLY, BMM, BVY, BVZ, BVZ, CEGA, BLR, BLY, BMM, BPY, BVY, BWA, CBDB	2.0L	•	•	•	•	•	•
PASSAT	2009 - 2011	CAXA	1.4L	•	•	•	•	•	•
PASSAT	1994 - 2011	ADP, AEK, ANA, ARM, AFT, AHL, ALZ, ALZ, BLF, BSE, BSF, CAYC	1.6L	•	•	•	•	•	•
PASSAT	1992 - 2009	AAM, ABS, ADR, ADZ, AEB, APT, AWM, ANB, APU, ARG, AWT, BZB, RP	1.8L	•	•	•	•	•	•
PASSAT	1993 - 2009	AJM, ATJ, AVB, AVG, AWX, BKC, 1Z, AFN, AHH, AHU, AVF, BKC, BLS, BMA, BMP, BXE	1.9L	•	•	•	•	•	•
PASSAT	1992 - 2011	9A, ABA, ADY, AZM, BKP, 2E, ABF, AGG, ALT, AXX, BGW, BHW, BLR, BLR, BLX, BLY, BVX, BVX, BVZ, BWA, BWV, BLX, BLY, BMP, BMR, BVY, BVY, BVZ, CAWB, CBAB, CBAC, CBBB	2.0L	•	•	•	•	•	•
PASSAT	1996 - 2005	AGZ, AZX	2.3L	•	•	•	•	•	•
PASSAT	1998 - 2005	AFB, AKN, BDG, BDH, BAU	2.5L	•	•	•	•	•	•
PASSAT	1992 - 2007	ACK, AHA, AQD, ATQ, AAA, AGE, ALG, AMX, APR, ATX, BGG	2.8L	•	•	•	•	•	•
PASSAT	1993 - 1998	ABV	2.9L	•	•	•	•	•	•
PASSAT	2006 - 2010	AXZ	3.2L	•	•	•	•	•	•
PASSAT	2002 - 2004	BDP, BDN	4.0L	•	•	•	•	•	•
Passat CC	2008 - 2012	CDAB, CDAA, CGYA	1.8L	•	•	•	•	•	•
Passat CC	2008 - 2012	CBAB, CBBB, CAWB, CBAA, CBAC, CCZA	2.0L	•	•	•	•	•	•
PHAETON	2005 - 2010	CEXA, BMK, CARA	3.0L	•	•	•	•	•	•
PHAETON	2003 - 2009	BKL, AYT, BRK	3.2L	•	•	•	•	•	•
PHAETON	2003 - 2008	AJS	5.0L	•	•	•	•	•	•
Phaeton	2005 - 2011	BRN	6.0L	•	•	•	•	•	•
POLO	1992 - 2003	AAU, AEV, ALL, AUC, AER, ALD	1.0L	•	•	•	•	•	•
POLO	2002 - 2009	AZQ, BBM, BMD, AWY, BME, BME	1.2L	•	•	•	•	•	•
POLO	1992 - 1998	3F, ADX, PY, AAV, PY	1.3L	•	•	•	•	•	•
POLO	1995 - 2009	AEX, AFH, AHW, AKK, AMF, ANW, AUA, AUD, BBY, BMS, BNM, BNV, AFK, AKP, AKV, AMF, ANX, APE, APQ, AQQ, ATL, AUB, AXU, AXU, BAY, BAY, BBZ, BKY, BLM, BNM, BUD	1.4L	•	•	•	•	•	•

Codes and Tips \* = Codes and Tips \*\* = Symptom Base Tests \*\*\* = Both Available | Key Component Tests \* = Component Tests \*\* = Symptom Base Tests \*\*\* = Both Available \*\*\*\* = Model Updated  
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# Fast-Track® Troubleshooter

(Refer to key for guidance on codes)

VW				(Refer to key for guidance on codes)						
Model	Years	Engine Code	Engine Info	Codes & Tips	Parameter	Components Tests	Pin Data	Final Procedures	Generic	
POLO	1994 - 2009	AFT, AJV, AUR, AVY, AEA, AEE, ALM, ARC, BAH	1.6L	•	•	•	•	•	•	
POLO	1997 - 2000	AHG, AKU, AKW	1.7L	•	•	•	•	•	•	
POLO	2006 - 2009	BJX	1.8L	•						
POLO	1996 - 2009	AEY, AFN, AGD, ALE, ASX, ASZ, AXR, ASY, ATD, BLT	1.9L	•	•	•	•	•	•	
POLO CLASSIC/SEDAN	1995 - 2003	AEX, AKV, ANX, APE, APQ, AKK, ANW, AUA, AUD	1.4L	•	•	•	•	•	•	
POLO CLASSIC/SEDAN	1995 - 2003	1F, AEE, AEH, AFT, ALM, AKL, APF, AUR	1.6L	•	•	•	•	•	•	
POLO CLASSIC/SEDAN	1997 - 2000	AKW	1.7L	•					•	
POLO CLASSIC/SEDAN	1997 - 1998	ADZ	1.8L	•	•	•	•	•	•	
POLO CLASSIC/SEDAN	1996 - 2003	AEY, AFN, AGP, AHU, AQM, ASV, AGR, ALE, ALH	1.9L	•	•			•	•	
POLO VARIANT	1998 - 2003	AKV, ANW, APE, APQ, AEX, AKK, ANX, AUA, AUD	1.4L	•	•	•	•	•	•	
POLO VARIANT	1995 - 2003	1F, AEE, AEH, ALM, AFT, AKL, APF, AUR	1.6L	•	•	•	•	•	•	
POLO VARIANT	1998 - 2000	AKW	1.7L	•					•	
POLO VARIANT	1998 - 2003	AQM, ASV, AEY, AFN, AGP, AGR, ALE, ALH	1.9L	•	•			•	•	
SCIROCCO	2009 - 2010	CAVD, CAXA	1.4L	•	•					
SCIROCCO	2009 - 2010	CBBB, CBDB, CAWB	2.0L	•					•	
SHARAN	1996 - 2010	AJH, AWC, AEB, AGU	1.8L	•	•	•	•	•	•	
SHARAN	1995 - 2010	1Z, AHU, ASZ, AUY, BVK, AFN, ANU, AVG, BRT, BTB	1.9L	•	•	•	•	•	•	
SHARAN	1995 - 2010	ABF, ATM, ADY, BVH	2.0L	•	•	•	•	•	•	
SHARAN	1995 - 2010	AMY, AAA, AYL	2.8L	•	•	•	•	•	•	
Tiguan	2008 - 2010	CAWB, CBAA, CBBA, CCTA, CBAB, CBBB	2.0L	•					•	
TOUAREG	2003 - 2010	BAC, BPD, BLK, BPE	2.5L	•	•				•	
TOUAREG	2005 - 2011	CASA, CASB, BKS, CASC	3.0L	•					•	
TOUAREG	2003 - 2004	BKJ, AZZ, BAA	3.2L	•	•					
TOUAREG	2005 - 2010	BHK	3.6L	•						
TOUAREG	2003 - 2007	AXQ	4.2L	•						
TOUAREG	2003 - 2010	AYH, BLE	5.0L	•						
TOUAREG	2005 - 2010	BJN	6.0L	•						
TOURAN	2006 - 2010	BMY, CAVC	1.4L	•						
TOURAN	2003 - 2010	BAG, BGU, BLF, BLP, BSE, BSF	1.6L	•						
TOURAN	2003 - 2010	BKC, BRU, AVQ, BKC, BLS, BRU, BXE, BXE	1.9L	•	•				•	
TOURAN	2003 - 2010	AXW, BLX, BLY, BMM, AZV, BKD, BLR, BLR, BLX, BLY, BMM, BMN, BVX, BVZ, BLY, BMM, BMN, BVX, BVZ, BLY, BMM, BMN, BVX, BVZ, BLY, BMM, BMN, BVX, BVZ	2.0L	•	•				•	
TRANSPORTER	2002 - 2009	BRR, AXB, AXC, BRS	1.9L	•	•					
TRANSPORTER	1992 - 2010	AAC, AXA	2.0L	•	•			•	•	
TRANSPORTER	1992 - 2009	ACU, AUF, AXD, AXE, AXG, AXL, AYC, AYY, BLJ, BPC, AAF, ACV, AET, AHY, AJT, APL, AVT, BNZ	2.5L	•	•		•	•	•	
TRANSPORTER	1996 - 2003	AES, AMV	2.8L	•	•			•	•	
TRANSPORTER	2004 - 2009	BDL, BKK	3.2L	•	•					
VENTO	1992 - 1998	AEX, ABD	1.4L	•	•	•	•	•	•	
VENTO	1992 - 1998	AFT, ABU, AEA, AEE, AEK, AKS	1.6L	•	•	•	•	•	•	
VENTO	1992 - 1999	ANN, AAM, ABS, ADZ, ANP	1.8L	•	•	•	•	•	•	
VENTO	1993 - 1998	1Z, AEY, AFN, ALE, AHU	1.9L	•	•	•	•	•	•	
VENTO	1992 - 1998	2E, AEG, AGG, ABA, ABF, ADY, AKR	2.0L	•	•	•	•	•	•	
VENTO	1997 - 1998	AGZ	2.3L	•	•			•	•	
VENTO	1992 - 1997	AAA, AAA	2.8L	•	•	•	•	•	•	
VENTO	1994 - 1998	ABV	2.9L	•	•	•	•	•	•	

Codes and Tips • = Codes and Tips •• = Symptom Base Tips ••• = Both Available | Key Component Tests • = Component Tests •• = Symptom Base Tips ••• = Both Available \*\*\*\* = Model Updated  
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# Fast-Track® Troubleshooter

Menu Item				
EOBD	Code Tips	Guidelines and Procedures	Parameter Descriptions	Help
P00xx FUEL AIR AND METERING	•			
P01xx FUEL AIR AND METERING	•			
P02xx FUEL AIR AND METERING	•			
P03xx IGNITION SYSTEM OR MISFIRE	•			
P04xx AUX EMISSION CONTROL	•			
P05xx VEH SPEED, IDLE AND AUX INPUTS	•			
P06xx COMPUTER AND AUX OUTPUTS	•			
P07xx TRANSMISSION CONTROL	•			
P08xx TRANSMISSION CONTROL	•			
P09xx TRANSMISSION CONTROL	•			
P20xx FUEL/AIR OR AUX EMISSION CONTROL	•			
P21xx FUEL/AIR OR AUX EMISSION CONTROL	•			
P22xx FUEL/AIR OR AUX EMISSION CONTROL	•			
P23xx IGNITION SYSTEM OR MISFIRE	•			
P24xx AUX EMISSION CONTROL	•			
P25xx AUXILIARY INPUTS	•			
P26xx COMPUTER AND AUX OUTPUTS	•			
P27xx TRANSMISSION CONTROL	•			
P2Axx POWER-TRAIN CONTROL	•			
<b>DIAGNOSTIC SERVICES INFORMATION</b>				
FIELD RECOMMENDED MODE WORK FLOW		•		
GENERAL MODE INFORMATION AND WORK FLOW		•		
SERVICE (\$01) DESCRIPTION		•		
SERVICE (\$02) DESCRIPTION		•		
SERVICE (\$03) DESCRIPTION		•		
SERVICE (\$04) DESCRIPTION		•		
SERVICE (\$05) DESCRIPTION		•		
SERVICE (\$06) DESCRIPTION		•		
SERVICE (\$07) DESCRIPTION		•		
SERVICE (\$08) DESCRIPTION		•		
SERVICE (\$09) DESCRIPTION		•		
<b>5 DIGIT OBD-II CODE INFORMATION</b>				
ABBREVIATIONS USED				•
GENERAL READINESS MONITOR INFORMATION				•
GENERIC DRIVE CYCLE				•
<b>ABSOLUTE LOAD VALUE(%)</b>				
ABSOLUTE THROTTLE POSITION B(%)			•	
ABSOLUTE THROTTLE POSITION C(%)			•	
ABSOLUTE THROTTLE POSITION(%)			•	
AIR FLOW RATE(g/s)			•	
BAROMETRIC PRESSURE			•	
CALCULATED LOAD VALUE(%)			•	
ENGINE COOLANT TEMPERATURE			•	
FUEL RAIL PRESSURE			•	
IGNITION TIMING ADVANCE			•	
INTAKE AIR TEMPERATURE			•	
INTAKE MAP			•	
LONG TERM FUEL TRIM BANK 1(%)			•	
LONG TERM FUEL TRIM BANK 2(%)			•	
O2S VOLTAGE BANK 1 - SENSOR 1(V)			•	
O2S VOLTAGE BANK 1 - SENSOR 2(V)			•	
O2S VOLTAGE BANK 1 - SENSOR 3(V)			•	
O2S VOLTAGE BANK 1 - SENSOR 4(V)			•	
O2S VOLTAGE BANK 2 - SENSOR 1(V)			•	
O2S VOLTAGE BANK 2 - SENSOR 2(V)			•	
O2S VOLTAGE BANK 2 - SENSOR 3(V)			•	
O2S VOLTAGE BANK 3 - SENSOR 1(V)			•	
O2S VOLTAGE BANK 4 - SENSOR 1(V)			•	
RELATIVE THROTTLE POSITION(%)			•	
SHORT TERM FUEL TRIM B1-S1(%)			•	
SHORT TERM FUEL TRIM B1-S2(%)			•	
SHORT TERM FUEL TRIM B1-S3(%)			•	
SHORT TERM FUEL TRIM B1-S4(%)			•	
SHORT TERM FUEL TRIM B2-S1(%)			•	
SHORT TERM FUEL TRIM B2-S2(%)			•	
SHORT TERM FUEL TRIM B2-S3(%)			•	
SHORT TERM FUEL TRIM B2-S4(%)			•	
SHORT TERM FUEL TRIM B3-S1(%)			•	
SHORT TERM FUEL TRIM B3-S2(%)			•	
SHORT TERM FUEL TRIM B4-S1(%)			•	
SHORT TERM FUEL TRIM B4-S2(%)			•	
SHORT TERM FUEL TRIM BANK 1(%)			•	
SHORT TERM FUEL TRIM BANK 2(%)			•	

# Engine Management Applications

ALFA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
145/146	1995 - 1997	332.01	1.6L MPI	AC DELCO	C/D	•	
145/146	1995 - 1997	332.01	1.6L MPI	AC DELCO KEYCODE	C/D	•	
145/146	1995 - 1997	332.01	1.6L MPI	MP3.1 (LAST TO CHECK!)	C/D	•	
145/146	1995 - 1997	334.01	1.7L 16V MPI	M2.10.3	C/D	•	
145/146	1995 - 1997	334.01	1.7L 16V MPI	M2.10.3 KEYLOCK	C/D	•	
145/146	1995 - 1997	335.01	1.4L MPI	IAW 18F KEYCODE	C/D	•	
145/146	1995 - 1997	335.01	1.4L MPI	IAW 8F	C/D	•	
145/146	1995 - 2000	336.01	1.9L TD	EGR BITRON 1xx	C/D	•	
145/146	1995 - 2000	336.01	1.9L TD	EGR MCR 1xx	C/D	•	
145/146	1996 - 2000	671.06	1.8L 16V MPI	DOUBLE CONLOC MSG DUMMY GROUP	C/D	•	
145/146	1996 - 2000	671.06	1.8L 16V MPI	M1.5.5	C/D	•	
145/146	1996 - 2000	671.06	1.8L 16V MPI	M2.10.4	C/D	•	
145/146	1996 - 2000	672.04	2.0L 16V MPI	DOUBLE CONLOC MSG DUMMY GROUP	C/D	•	
145/146	1996 - 2000	672.04	2.0L 16V MPI	M1.5.5	C/D	•	
145/146	1996 - 2000	672.04	2.0L 16V MPI	M2.10.3 KEYLOCK	C/D	•	
145/146	1996 - 2000	672.04	2.0L 16V MPI	M2.10.4	C/D	•	
145/146	1996 - 2001	322.01	1.8L 16V MPI	DOUBLE CONLOC MSG DUMMY GROUP	C/D	•	
145/146	1996 - 2001	322.01	1.8L 16V MPI	M1.5.5	C/D	•	
145/146	1996 - 2001	322.01	1.8L 16V MPI	M2.10.4	C/D	•	
145/146	1996 - 2001	323.01	2.0L 16V MPI	DOUBLE CONLOC MSG DUMMY GROUP	C/D	•	
145/146	1996 - 2001	323.01	2.0L 16V MPI	M1.5.5	C/D	•	
145/146	1996 - 2001	323.01	2.0L 16V MPI	M2.10.3 KEYLOCK	C/D	•	
145/146	1996 - 2001	323.01	2.0L 16V MPI	M2.10.4	C/D	•	
145/146	1996 - 2001	335.03	1.4L 16V MPI	DOUBLE CONLOC MSG DUMMY GROUP	C/D	•	
145/146	1996 - 2001	335.03	1.4L 16V MPI	M1.5.5	C/D	•	
145/146	1996 - 2001	335.03	1.4L 16V MPI	M2.10.4	C/D	•	
145/146	1996 - 2001	676.01	1.6L 16V MPI	DOUBLE CONLOC MSG DUMMY GROUP	C/D	•	
145/146	1996 - 2001	676.01	1.6L 16V MPI	M1.5.5	C/D	•	
145/146	1996 - 2001	676.01	1.6L 16V MPI	M2.10.4	C/D	•	
145/146	1997 - 2001	323.02	1.9L TD	EDC15 CF2	C/D	•	
145/146	1999 - 2001	321.02	1.6L 16V MPI	DOUBLE CONLOC MSG DUMMY GROUP	C/D	•	
145/146	1999 - 2001	321.02	1.6L 16V MPI	M1.5.5	C/D	•	
145/146	1999 - 2001	321.02	1.6L 16V MPI	M2.10.4	C/D	•	
147	2000 - 2010	321.04	1.6L 16V MPI	ME7.3.1 120HP	C/D	•	RA
147	2000 - 2010	323.1	2.0L 16V MPI	ME7.3.1	C/D	•	RA
147	2000 - 2010	371.01	1.9L TD	EDC15 CF3 FAST	C/D	•	
147	2000 - 2010	371.01	1.9L TD	EDC15 CF3 SLOW	C/D	•	
147	2000 - 2010	372.03	1.6L 16V MPI	ME7.3.1 105HP	C/D	•	RA
147	2001 - 2010	937.A2.000	1.9L TD	EDC15 CF3 FAST	C/D	•	
147	2001 - 2010	937.A2.000	1.9L TD	EDC15 CF3 SLOW	C/D	•	
147	2002 - 2010	182.B9.000	1.9L TD	EDC15 CF3 FAST	C/D	•	
147	2002 - 2010	182.B9.000	1.9L TD	EDC15 CF3 SLOW	C/D	•	
147	2002 - 2010	192.A5.000	1.9L 16V TD	EDC16 CF3 FAST	C/D	•	
147	2002 - 2010	932.A.000	3.2L 24V MPI	ME7.3.1	C/D	•	RA
147	2002 - 2010	937.A1.000	2.0L 16V MPI	MED7.11	C/D	•	RA
147	2003 - 2010	192.B1.000	1.9L 16V TD	EDC16 CF3 FAST	C/D	•	
147	2003 - 2010	937.A4.000	1.9L 16V TD	EDC16 CF3 FAST	C/D	•	
147	2005 - 2010	937.A5.000	1.9L 16V TD	EDC16 CF3 FAST	C/D	•	
147	2006 - 2010	937.A3.000	1.9L TD	EDC16C39 CF4	C/D	•	•,I,P,R
147	2006 - 2010	937.A5.000	1.9L 16V TD	EDC16C39 CF4	C/D	•	•,I,P,R
147	2006 - 2010	939.A1.000	1.9L 8V MJET Diesel	EDC15 CF3 FAST	C/D	•	•,I,P,R
147	2006 - 2010	939.A1.000	1.9L 8V MJET Diesel	EDC16C39 CF4	C/D	•	•,I,P,R

ALFA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
147	2006 - 2010	939.A2.000	1.9L 16V JTD	EDC15 CF3 FAST	C/D	•	
147	2006 - 2010	939.A2.000	1.9L 16V JTD	EDC16C39 CF4	C/D	•	•,I,P,R
147	2006 - 2010	939.A7.000	1.9L 16V JTD	EDC15 CF3 FAST	C/D	•	
147	2006 - 2010	939.A7.000	1.9L 16V JTD	EDC16C39 CF4	C/D	•	•,I,P,R
147	2007 - 2007	937.A3.000	1.9L JTD	EDC16C39 CF4	C/D	•	•,I,P,R
155	1995 - 1995	673.02	2.5L MPI	M1.7	C/D	•	
155	1995 - 1995	673.02	2.5L MPI	M1.7 KEYLOCK	C/D	•	
155	1995 - 1997	336.01	1.9L TD	EGR BITRON 1xx	C/D	•	
155	1995 - 1997	336.01	1.9L TD	EGR MCR 1xx	C/D	•	
155	1995 - 1997	671.01	1.8L MPI	M1.7 NO CAT	C/D	•	
155	1995 - 1997	671.02	1.8L MPI	M1.7	C/D	•	
155	1995 - 1997	671.02	1.8L MPI	M1.7 KEYLOCK	C/D	•	
155	1995 - 1997	671.03	1.7L MPI	M1.7	C/D	•	
155	1995 - 1997	671.03	1.7L MPI	M1.7 KEYLOCK	C/D	•	
155	1995 - 1997	671.05	1.7L MPI	M1.7	C/D	•	
155	1995 - 1997	671.05	1.7L MPI	M1.7 KEYLOCK	C/D	•	
155	1995 - 1997	671.06	1.8L 16V MPI	M2.10.4	C/D	•	
155	1995 - 1997	672.01	2.0L MPI	M1.7 NO CAT	C/D	•	
155	1995 - 1997	672.02	2.0L MPI	M1.7	C/D	•	
155	1995 - 1997	672.02	2.0L MPI	M1.7 KEYLOCK	C/D	•	
155	1995 - 1997	672.04	2.0L 16V MPI	M2.10.3 KEYLOCK	C/D	•	
155	1995 - 1997	672.04	2.0L 16V MPI	M2.10.4	C/D	•	
155	1995 - 1997	673.03	2.5L MPI	M1.7	C/D	•	
155	1995 - 1997	673.03	2.5L MPI	M1.7 KEYLOCK	C/D	•	
155	1995 - 1997	676.01	1.6L 16V MPI	M2.10.4	C/D	•	
155	1995 - 1997	VM07B	2.5L TD	MSA 6	C/D	•	
155	1995 - 1997	VM07B	2.5L TD	MSA11	C/D	•	
155	1995 - 1997	VM31B	2.5L TD	MSA 6	C/D	•	
155	1995 - 1997	VM31B	2.5L TD	MSA11	C/D	•	
156	1996 - 1998	322.01	1.8L 16V MPI	M1.5.5 1997	C/D	•	
156	1996 - 2001	321.02	1.6L 16V MPI	M1.5.5	C/D	•	
156	1996 - 2001	321.02	1.6L 16V MPI	M2.10.4	C/D	•	
156	1996 - 2001	322.01	1.8L 16V MPI	M1.5.5	C/D	•	
156	1996 - 2002	676.01	1.6L 16V MPI	M1.5.5	C/D	•	RA
156	1996 - 2002	676.01	1.6L 16V MPI	M2.10.4	C/D	•	
156	1997 - 2001	323.01	2.0L 16V MPI	M1.5.5	C/D	•	
156	1997 - 2001	323.01	2.0L 16V MPI	M1.5.5 1997	C/D	•	
156	1997 - 2001	323.01	2.0L 16V MPI	ME3.1 SELESPEED SLOW SLAVE 1997	C/D	•	
156	1997 - 2001	323.02	1.9L TD	EDC15 CF2	C/D	•	
156	1997 - 2001	325.01	2.4L TD	EDC15 CF2	C/D	•	
156	1997 - 2006	324.01	2.5L 24V MPI	ME2.1	C/D	•	
156	1997 - 2006	324.01	2.5L 24V MPI	ME3.1 EOBD	C/D	•	
156	1998 - 2006	324.05	2.5L 24V MPI	ME2.1	C/D	•	
156	1998 - 2006	324.05	2.5L 24V MPI	ME3.1 EOBD	C/D	•	
156	1999 - 2006	321.03	1.6L 16V MPI	ME7.3.1	C/D	•	RA
156	1999 - 2006	321.04	1.6L 16V MPI	ME7.3.1	C/D	•	RA
156	1999 - 2006	322.05	1.8L 16V MPI	ME7.3.1	C/D	•	RA
156	1999 - 2006	323.1	2.0L 16V MPI	ME7.3.1	C/D	•	RA
156	2000 - 2000	322.01	1.8L 16V MPI	M1.5.5 TS98	C/D	•	
156	2000 - 2002	182.B9.000	1.9L TD	EDC15 CF3 FAST	C/D	•	
156	2000 - 2006	182.B9.000	1.9L TD	EDC15 CF3 SLOW	C/D	•	
156	2000 - 2006	371.01	1.9L TD	EDC15 CF3	C/D	•	
156	2000 - 2006	839.A6.000	2.4L TD	EDC15 CF3 140HP	C/D	•	
156	2001 - 2001	322.01	1.8L 16V MPI	M2.10.4	C/D	•	
156	2001 - 2006	841.C.000	2.4L TD	EDC15 CF3 150HP FAST	C/D	•	
156	2001 - 2006	841.C.000	2.4L TD	EDC15 CF3 150HP SLOW	C/D	•	
156	2001 - 2006	841.C.000	2.4L TD	EDC16 CF3 FAST	C/D	•	
156	2001 - 2006	841.C.000	2.4L TD	EDC16 CF3 SLOW	C/D	•	

Key for Special Functions: BB= Brake Bleed, BS= Brake Service, C= Crash Data, CF= Configuration, E= EGR, F= Flywheel, I= Injector Coding, O= Oil reset for DPF, P= Particulate Filter, R= Return, RA= Reset Adaptations, S= Steering Angle Sensor, E= Electronic Body Return, J= Jumper or Type Semi Auto, \* = Other (see table on page 26) Data grey lines indicate new content at 14-4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

ALFA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
156	2001 - 2006	932.A.000	3.2L 24V MPI	ME7.3.1	C/D	•	RA
156	2001 - 2006	932.A2.000	2.0L 16V MPI	MED7.11 BELGIUM	C/D	•	RA
156	2001 - 2006	937.A1.000	2.0L 16V MPI	MED7.11	C/D	•	RA
156	2001 - 2006	937.A2.000	1.9L TD	EDC15 CF3	C/D	•	
156	2002 - 2006	192.A5.000	1.9L 16V TD	EDC16 CF3 FAST	C/D	•	
156	2003 - 2005	937.A5.000	1.9L 16V TD	EDC16 CF3 FAST	C/D	•	
156	2003 - 2006	192.B1.000	1.9L 16V TD	EDC16 CF3 FAST	C/D	•	
156	2003 - 2006	841.G.000	2.4L 20V TD	EDC16 CF3 FAST	C/D	•	
156	2003 - 2006	841.M.000	2.4L 20V TD	EDC16 CF3 FAST	C/D	•	
156	2003 - 2006	937.A4.000	1.9L 16V TD	EDC16 CF3 FAST	C/D	•	
159	2006 - 2009		2.0L 16V JTD = 939.B4.000	EDC16C39 CF5/EOBD	C/D	•	RA
159	2006 - 2012	939.A.000	3.2L 24V JTS MPI	MED7.6.2 CF4/EOBD	C/D	•	RA
159	2006 - 2012	939.A1.000	1.9L 8V MJET Diesel	EDC16C39 CF4	C/D	•	•,I,P,R
159	2006 - 2012	939.A2.000	1.9L 16V JTD	EDC16C39 CF4	C/D	•	•,I,P,R
159	2006 - 2012	939.A3.000	2.4L 20V JTD	EDC16C39 CF4	C/D	•	•,I,P,R
159	2006 - 2012	939.A4.000	1.8L 16V JTS MPI	SIEMENS VDO CF4	C/D	•	
159	2006 - 2012	939.A5.000	2.2L 16V JTS MPI	MED7.6.1 CF4/EOBD	C/D	•	
159	2006 - 2012	939.A6.000	1.9L 16V JTS MPI	MED7.6.1 CF4/EOBD	C/D	•	
159	2006 - 2012	939.A7.000	1.9L 16V JTD	EDC16C39 CF4	C/D	•	•,I,P,R
159	2006 - 2012	939.B1.000	1.8L 16V JTS MPI	MED17.3.1 CF5/EOBD	C/D	•	RA
159	2008 - 2012	939.A9.000	2.4L 20V JTD	EDC16C39 CF4	C/D	•	•,I,P,R
159	2010 - 2012	939.B3.000	2.0L 16V JTD =	EDC16C39 CF5/EOBD	C/D	•	RA
159	2010 - 2012	939.B4.000	2.0L 16V JTD =	EDC16C39 CF5/EOBD	C/D	•	RA
159	2010 - 2012	939.B4.000	2.0L 16V JTD =	EDC16C39 CF5/EOBD	C/D	•	RA
164	1995 - 1997	641.01	2.0L Turbo MPI	ML4.1 6-CYL	C/D	•	
164	1995 - 1997	641.02	2.0L Turbo MPI	ML4.1 6-CYL	C/D	•	
164	1995 - 1998	VM08B	2.5L TD	MSA 6	C/D	•	
164	1995 - 1998	VM08B	2.5L TD	MSA11	C/D	•	
164	1995 - 1998	VM32B	2.5L TD	MSA 6	C/D	•	
164	1995 - 1998	VM32B	2.5L TD	MSA11	C/D	•	
164	1995 - 1999	641.03	2.0L MPI	M1.7	C/D	•	
164	1995 - 1999	641.03	2.0L MPI	M1.7 KEYLOCK	C/D	•	
164	1995 - 1999	643.04	3.0L 24V MPI	M1.7	C/D	•	
164	1995 - 1999	643.04	3.0L 24V MPI	M1.7 EGR	C/D	•	
164	1995 - 1999	643.04	3.0L 24V MPI	M1.7 KEYLOCK	C/D	•	
164	1995 - 1999	643.05	3.0L MPI	M1.7	C/D	•	
164	1995 - 1999	643.05	3.0L MPI	M1.7 EGR	C/D	•	
164	1995 - 1999	643.05	3.0L MPI	M1.7 KEYLOCK	C/D	•	
164	1995 - 1999	643.05	3.0L MPI	ML4.1	C/D	•	
164	1995 - 1999	643.06	3.0L 24V MPI	M1.7	C/D	•	
164	1995 - 1999	643.06	3.0L 24V MPI	M1.7 EGR	C/D	•	
164	1995 - 1999	643.06	3.0L 24V MPI	M1.7 KEYLOCK	C/D	•	
164	1995 - 1999	643.07	3.0L 24V MPI	M3.7	C/D	•	
164	1995 - 1999	643.07	3.0L 24V MPI	M3.7.1	C/D	•	
164	1995 - 1999	643.08	3.0L 24V MPI	M1.7	C/D	•	
164	1995 - 1999	643.08	3.0L 24V MPI	M1.7 EGR	C/D	•	
164	1995 - 1999	643.08	3.0L 24V MPI	M1.7 KEYLOCK	C/D	•	
164	1995 - 1999	663.01	3.0L 24V MPI	M1.7	C/D	•	
164	1995 - 1999	663.01	3.0L 24V MPI	M1.7 EGR	C/D	•	
164	1995 - 1999	663.01	3.0L 24V MPI	M1.7 KEYLOCK	C/D	•	
164	1995 - 1999	663.02	3.0L 24V MPI	M1.7	C/D	•	
164	1995 - 1999	663.02	3.0L 24V MPI	M1.7 EGR	C/D	•	
164	1995 - 1999	663.02	3.0L 24V MPI	M1.7 KEYLOCK	C/D	•	
164	1995 - 1999	663.03	3.0L MPI	M1.7	C/D	•	
164	1995 - 1999	663.03	3.0L MPI	M1.7 EGR	C/D	•	
164	1995 - 1999	663.03	3.0L MPI	M1.7 KEYLOCK	C/D	•	
164	1995 - 1999	663.03	3.0L MPI	ML4.1	C/D	•	
164	1995 - 1999	663.04	3.0L 24V MPI	M3.7	C/D	•	

ALFA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
164	1995 - 1999	663.04	3.0L 24V MPI	M3.7.1	C/D	•	
166	1998 - 2001	341.02	2.0L 16V MPI Turbo	ME2.1	C/D	•	
166	1998 - 2001	341.03	2.0L 16V MPI	M1.5.5	C/D	•	
166	1998 - 2001	342.02	2.4L TD	EDC15 CF2	C/D	•	
166	1998 - 2002	342.01	2.5L 24V MPI	ME2.1	C/D	•	
166	1998 - 2002	342.01	2.5L 24V MPI	ME3.1 EOBD	C/D	•	
166	1998 - 2002	343.01	3.0L 24V MPI	ME2.1	C/D	•	
166	1998 - 2002	343.01	3.0L 24V MPI	ME3.1 EOBD	C/D	•	
166	1998 - 2002	343.02	3.0L 24V MPI	ME2.1	C/D	•	
166	1998 - 2002	343.02	3.0L 24V MPI	ME3.1 EOBD	C/D	•	
166	1998 - 2002	343.02	3.0L 24V MPI	ME2.1	C/D	•	
166	1998 - 2002	362.01	2.5L 24V MPI	ME2.1	C/D	•	
166	1998 - 2002	362.01	2.5L 24V MPI	ME3.1 EOBD	C/D	•	
166	1998 - 2007	361.01	3.0L 24V MPI	ME2.1	C/D	•	
166	1998 - 2007	361.01	3.0L 24V MPI	ME3.1 EOBD	C/D	•	
166	1999 - 2007	363.01	2.0L 16V MPI	ME7.3.1	C/D	•	RA
166	2000 - 2002	839.A6.000	2.4L TD	EDC15 CF3 140HP FAST	C/D	•	
166	2000 - 2002	839.A6.000	2.4L TD	EDC15 CF3 140HP SLOW	C/D	•	
166	2001 - 2007	841.C.000	2.4L TD	EDC15 CF3 150HP	C/D	•	
166	2001 - 2007	841.C.000	2.4L TD	EDC16 CF3 FAST	C/D	•	
166	2001 - 2007	841.C.000	2.4L TD	EDC16 CF3 SLOW	C/D	•	
166	2003 - 2007	841.G.000	2.4L 20V TD	EDC16 CF3 FAST	C/D	•	
166	2003 - 2007	841.H.000	2.4L 20V TD	EDC16 CF3 FAST	C/D	•	
166	2003 - 2007	841.M.000	2.4L 20V TD	EDC16 CF3 FAST	C/D	•	
166	2003 - 2007	841.N.000	2.4L 20V TD	EDC16 CF3 FAST	C/D	•	
166	2003 - 2007	936.A.000	3.2L 24V MPI	ME7.3.1	C/D	•	RA
33	1995 - 1995	307.37	1.7L MPI	L3.xJETRONIC	C/D	•	
33	1995 - 1995	307.37	1.7L MPI	MP3.1	C/D	•	
33	1995 - 1995	307.38	1.5L MPI	L3.xJETRONIC	C/D	•	
33	1995 - 1995	307.38	1.5L MPI	MP3.1	C/D	•	
33	1995 - 1995	307.4	1.7L MPI	MP3.1	C/D	•	
33	1995 - 1995	307.46	1.7L 16V MPI	ML4.1	C/D	•	
33	1995 - 1995	307.47	1.7L 16V MPI	ML4.1	C/D	•	
33	1995 - 1995	307.5	1.5L L3.1-Jetronic	L3.xJETRONIC	C/D	•	
33	1995 - 1995	307.51	1.5L L3.2-Jetronic	L3.xJETRONIC	C/D	•	
33	1995 - 1995	307.53	1.4L MPI	IAW 08.68	C/D	•	
33	1995 - 1995	307.55	1.4L MPI	IAW 08.68 GERMANY	C/D	•	
4C	2013 - 2013	960.A1.000	1.8L 16V MPI	MED17.3.3	C/D	•	
Brera	2006 - 2010	939.A.000	3.2L 24V JTS MPI	MED7.6.2 CF4/EOBD	C/D	•	RA
Brera	2006 - 2010	939.A3.000	2.4L 20V JTD	EDC16C39 CF4	C/D	•	•,I,P,R
Brera	2006 - 2010	939.A5.000	2.2L 16V JTS MPI	MED7.6.1 CF4/EOBD	C/D	•	
Brera	2006 - 2010	939.A9.000	2.4L 20V JTD	EDC16C39 CF4	C/D	•	•,I,P,R
Giulietta (191)	2010 - 2013	198.A1.000	1.4L 16V TJET MPI	IAW 8GMF CF5/EOBD	C/D	•	
Giulietta (191)	2010 - 2013	198.A1.000	1.4L 16V TJET MPI	ME7.9.10 CF5/EOBD	C/D	•	
Giulietta (191)	2010 - 2013	198.A4.000	1.4L 16V MPI Turbo	IAW 8GMF CF5/EOBD	C/D	•	
Giulietta (191)	2010 - 2013	198.A4.000	1.4L 16V MPI Turbo	ME7.9.10 CF5/EOBD	C/D	•	
Giulietta (191)	2010 - 2013	939.B1.000	1.8L 16V JTS MPI	MED17.3.1 CF5/EOBD	C/D	•	
Giulietta (191)	2010 - 2013	940.A1.000	1.8L 16V JTS MPI	MED17.3.1 CF5/EOBD	C/D	•	
Giulietta (191)	2010 - 2013	940.A2.000	1.4L 16V MPI Turbo	IAW 8GMF CF5/EOBD	C/D	•	
Giulietta (191)	2010 - 2013	940.A2.000	1.4L 16V MPI Turbo	ME7.9.10 CF5/EOBD	C/D	•	
Giulietta (191)	2010 - 2013	940.A3.000	1.6L 16V MJET	EDC16C39 CF5/EOBD	C/D	•	•,E,I,P
Giulietta (191)	2010 - 2013	940.A4.000	2.0L 16V MJET	EDC16C39 CF5/EOBD	C/D	•	•,E,I,P
Giulietta (191)	2010 - 2013	940.A5.000	2.0L 16V MJET	EDC16C39 CF5/EOBD	C/D	•	•,E,I,P
Giulietta (191)	2010 - 2013	940.A7.000	2.0L 16V MJET	EDC16C39 CF5/EOBD	C/D	•	•,E,I,P
Giulietta (191)	2010 - 2013	955.A3.000	1.6L 16V MJET TD	EDC16C39 CF5/EOBD	C/D	•	•,E,I,P
GT (937)	2003 - 2010	322.05	1.8L 16V MPI	ME7.3.1	C/D	•	RA
GT (937)	2003 - 2010	932.A2.000	2.0L 16V MPI	MED7.11 BELGIUM	C/D	•	RA
GT (937)	2003 - 2010	936.A.000	3.2L 24V MPI	ME7.3.1	C/D	•	RA
GT (937)	2003 - 2010	937.A1.000	2.0L 16V MPI	MED7.11	C/D	•	RA

Key (of Special Functions): BB - Brake Bleed, BSS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flange, I - Injector Coding, O - Oil Reset for DPPE, P - Particulate Filter, R - Return, RA - Reset Adaptation's, S - Steering Angle Sensor, E - Electronic Body Return, A - Type of Motor or Type Servo Auto, \* - Other (see table on page 26) Data grey lines indicate new content at 1/4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

ALFA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
GT (937)	2003 - 2010	937.A5.000	1.9L 16V TD	EDC16 CF3 FAST	C/D	•	
GT (937)	2006 - 2010	937.A5.000	1.9L 16V TD	EDC16C39 CF4	C/D	•	•,I,P,R
GT (937)	2006 - 2010	939.A2.000	1.9L 16V JTD	EDC16C39 CF4	C/D	•	•,I,P,R
GT (937)	2010 - 2010	937.A6.000	1.9L 16V TD	EDC16 CF3 FAST	C/D	•	
GT (937)	2010 - 2010	937.A6.000	1.9L 16V TD	EDC16C39 CF4	C/D	•	•,I,P,R
GTV	1995 - 2001	161.02	3.0L 24V MPI	M3.7.1 KEYLOCK	C/D	•	
GTV	1995 - 2001	161.02	3.0L 24V MPI	ME2.1	C/D	•	
GTV	1995 - 2001	161.02	3.0L 24V MPI	ME3.1 EOBD	C/D	•	
GTV	1995 - 2001	162.01	2.0L 16V MPI	M1.5.5	C/D	•	
GTV	1995 - 2001	162.01	2.0L 16V MPI	M2.10.3 KEYLOCK	C/D	•	
GTV	1995 - 2001	162.01	2.0L 16V MPI	M2.10.4	C/D	•	
GTV	1995 - 2001	322.01	1.8L 16V MPI	M1.5.5	C/D	•	
GTV	1995 - 2004	162.02	2.0L Turbo MPI	ML4.1	C/D	•	
GTV	1998 - 2001	323.01	2.0L 16V MPI	M1.5.5	C/D	•	
GTV	1998 - 2002	161.05	3.0L 24V MPI	M3.7.1 KEYLOCK	C/D	•	
GTV	1998 - 2002	161.05	3.0L 24V MPI	ME2.1	C/D	•	
GTV	1998 - 2002	161.05	3.0L 24V MPI	ME3.1 EOBD	C/D	•	
GTV	1999 - 2010	323.1	2.0L 16V MPI	ME7.3.1	C/D	•	RA
GTV	2003 - 2010	936.A6.000	3.2L 24V MPI	ME7.3.1	C/D	•	RA
GTV	2003 - 2010	937.A1.000	2.0L 16V MPI	MED7.11	C/D	•	RA
Mito	2008 - 2013	198.A1.000	1.4L 16V TJET MPI	ME 7.9.10 CF4	C/D	•	RA
Mito	2008 - 2013	198.A4.000	1.4L 16V MPI Turbo	ME 7.9.10 CF4	C/D	•	RA
Mito	2008 - 2013	199.A3.000	1.3L JTD	MARELLI 6F3	C/D	•	•,I,P
Mito	2008 - 2013	199.A8.000	1.4L 16V MPI Turbo	ME 7.9.10 CF4	C/D	•	RA
Mito	2008 - 2013	940.A2.000	1.4L 16V MPI Turbo	IAW 8GMF CF5-EOBD	C/D	•	•,T
Mito	2008 - 2013	955.A1.000	1.4L 16V MPI	IAW 8GMF CF5-EOBD	C/D	•	•,T
Mito	2008 - 2013	955.A1.000	1.4L 16V MPI	ME 7.9.10 CF4	C/D	•	RA
Mito	2008 - 2013	955.A2.000	1.4L 16V MPI Turbo	IAW 8GMF CF5-EOBD	C/D	•	•,T
Mito	2008 - 2013	955.A3.000	1.6L 16V MJET TD	EDC16C39 CF5/EOBD	C/D	•	•,E,I,P
Mito	2008 - 2013	955.A5.000	1.4L 16V MPI Turbo	IAW 8GMF CF5-EOBD	C/D	•	•,T
Mito	2009 - 2013	940.A7.000	1.4L 16V MPI Turbo	IAW 8GMF CF5-EOBD	C/D	•	•,T
Mito	2010 - 2013	199.A6.000	1.4L 16V MPI Turbo	ME7.9.10 CF5/EOBD	C/D	•	
Mito	2010 - 2013	199.B1.000	1.3L JTD	MARELLI 6F3	C/D	•	•,I,P
Mito	2010 - 2013	199.B1.000	1.3L JTD	Marelli 8DF CF5/EOBD	C/D	•	
Mito	2010 - 2013	199.B4.000	1.3L 16V JTD	MARELLI 6F3	C/D	•	•,I,P
Mito	2010 - 2013	199.B4.000	1.3L 16V JTD	Marelli 8DF CF5/EOBD	C/D	•	
Spider	1995 - 2001	161.01	3.0L MPI	M3.7.1 KEYLOCK	C/D	•	
Spider	1995 - 2001	161.01	3.0L MPI	ME2.1	C/D	•	
Spider	1995 - 2001	161.01	3.0L MPI	ME3.1 EOBD	C/D	•	
Spider	1995 - 2001	162.01	2.0L 16V MPI	M1.5.5	C/D	•	
Spider	1995 - 2001	162.01	2.0L 16V MPI	M2.10.3 KEYLOCK	C/D	•	
Spider	1995 - 2001	162.01	2.0L 16V MPI	M2.10.4	C/D	•	
Spider	1995 - 2001	162.02	2.0L Turbo MPI	ML4.1	C/D	•	
Spider	1997 - 2001	322.01	1.8L 16V MPI	M1.5.5	C/D	•	
Spider	1998 - 2001	323.01	2.0L 16V MPI	M1.5.5	C/D	•	
Spider	1998 - 2002	161.05	3.0L 24V MPI	ME2.1	C/D	•	
Spider	1998 - 2002	161.05	3.0L 24V MPI	ME3.1 EOBD	C/D	•	
Spider	1999 - 2010	323.1	2.0L 16V MPI	ME7.3.1	C/D	•	RA
Spider	2003 - 2007	936.A6.000	3.2L 24V MPI	ME7.3.1	C/D	•	RA
Spider	2003 - 2010	937.A1.000	2.0L 16V MPI	MED7.11	C/D	•	RA
Spider	2006 - 2009	939.A9.000	2.4L 20V JTD	EDC16C39 CF4	C/D	•	•,I,P,R
Spider	2006 - 2010	939.A5.000	2.2L 16V JTS MPI	MED7.6.1 CF4/EOBD	C/D	•	
Spider	2007 - 2010	939.A3.000	2.4L 20V JTD	EDC16C39 CF4	C/D	•	•,I,P,R
Spider	2008 - 2010	939.A.000	3.2L 24V JTS MPI	MED7.6.2 CF4/EOBD	C/D	•	RA

# Airbag

ALFA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	
145/146	1995 - 1999	TRW2	C/D			
145/146	1996 - 2001	TRW MY 97 3-PIN	C/D			
147	2000 - 2010	ALLIED MY 97 16-PIN	C/D			
147	2000 - 2010	SIEMENS MY 99 16-PIN	C/D	•		
156	1996 - 1999	ALLIED SIGNAL 16-PIN	C/D	•		
156	1996 - 1999	ALLIED SIGNAL 2 16-PIN	C/D	•		
156	1996 - 2006	ALLIED MY 97 16-PIN	C/D			
156	1996 - 2006	SIEMENS MY 99 16-PIN	C/D	•		
159	2006 - 2012	TRW MY 03	C/D			•
166	1998 - 2007	TRW MY 97 16-PIN	C/D			
166	1998 - 2007	TRW MY 99 16-PIN	C/D			
4C	2013 - 2013	ORC	C/D			
Brera	2006 - 2010	TRW MY 03	C/D			•
Giulietta (191)	2010 - 2013	Bosch Airbag(EP)	C/D	•		
GT (937)	2003 - 2010	SIEMENS MY 99	C/D	•		
GTV	1995 - 2004	TRW MY 97 3-PIN	C/D			
GTV	1995 - 2010	TRW2 WITH PRETENSIONERS	C/D			
GTV	1998 - 2004	TRW MY 97 16-PIN	C/D			
GTV	2003 - 2010	TRW MY 97	C/D			
Mito	2008 - 2013	CONTINENTAL Airbag(EP)	C/D	•		
Mito	2008 - 2013	CONTINENTAL Airbag(EP-Proxy) 2	C/D	•		
Mito	2008 - 2013	SIEMENS EP-PROXI	C/D	•		•
Spider	1995 - 1997	TRW2 WITH PRETENSIONERS	C/D			
Spider	1995 - 2002	TRW MY 97 3-PIN	C/D			
Spider	1998 - 2002	TRW MY 97 16-PIN	C/D			
Spider	2003 - 2010	TRW MY 97	C/D			
Spider	2006 - 2010	TRW MY 03	C/D			•

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, J- Jumper or Type Semi Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1.4.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Anti-lock Brakes

ALFA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
145/146	1995 - 1998	ABS BOSCH 2E	C/D		
145/146	1995 - 2001	ABS BOSCH 5.3	C/D		
147	2000 - 2010	ABS BOSCH 5.7	C/D		
147	2000 - 2010	ABS BOSCH 5.7 ASR	C/D		
147	2000 - 2010	ABS BOSCH 5.7 VDC	C/D	•	•,S
147	2005 - 2010	ABS BOSCH 8 ASR	C/D	•	
147	2005 - 2010	BOSCH 8 ABS	C/D	•	
147	2005 - 2010	BOSCH 8 VDC ABS	C/D	•	•,S
155	1995 - 1997	ABS BOSCH 2E	C/D		
155	1995 - 1997	ABS BOSCH 5.3	C/D		
156	1996 - 2006	ABS BOSCH 5.3	C/D		
156	1996 - 2006	ABS BOSCH 5.3 ASR	C/D		
156	1996 - 2006	ABS BOSCH 5.7	C/D		
156	1996 - 2006	ABS BOSCH 5.7 ASR	C/D		
156	1996 - 2006	ABS BOSCH 5.7 VDC	C/D	•	•,S
156	2003 - 2004	ABS BOSCH 8 ASR	C/D	•	
156	2003 - 2004	BOSCH 8 ABS	C/D	•	
156	2003 - 2004	BOSCH 8 VDC ABS	C/D	•	•,S
159	2006 - 2012	LUCAS ESP	C/D	•	•,S
159	2006 - 2012	LUCAS TRW	C/D	•	
164	1995 - 1999	ABS BOSCH 2SI	C/D		
164	1995 - 1999	ABS BOSCH 2SI 4X4	C/D		
164	1995 - 1999	ABS BOSCH 5.3	C/D		
166	1998 - 2007	ABS BOSCH 5.3 16-PIN	C/D		
166	1998 - 2007	ABS BOSCH 5.3 ASR 16-PIN	C/D		
166	1998 - 2007	ABS BOSCH 5.3 TC 16-PIN	C/D		
166	1998 - 2007	ABS BOSCH 5.7 VDC	C/D	•	•,S
166	1998 - 2007	ABS BOSCH 5.7 VDC (166)	C/D		•,S
33	1995 - 1995	ABS BOSCH 2K	C/D		
4C	2013 - 2013	Bosch ABS 9 (EP)	C/D	•	
Brera	2006 - 2010	LUCAS ESP	C/D	•	•,S
Brera	2006 - 2010	LUCAS TRW	C/D	•	
Giulietta (191)	2010 - 2013	Continental MK100 (EP)	C/D	•	
Giulietta (191)	2010 - 2013	Continental MK60EC ABS (EP)	C/D	•	•,S
GT (937)	2003 - 2010	ABS BOSCH 5.7	C/D		
GT (937)	2003 - 2010	ABS BOSCH 5.7 ASR	C/D		
GT (937)	2003 - 2010	ABS BOSCH 5.7 VDC	C/D	•	•,S
GT (937)	2006 - 2010	BOSCH 8 ABS	C/D	•	
GT (937)	2006 - 2010	BOSCH 8 VDC ABS	C/D	•	•,S
GTV	1995 - 1997	ABS BOSCH 2SI	C/D		
GTV	1995 - 2010	ABS BOSCH 5.3	C/D		
GTV	1998 - 2004	ABS BOSCH 2SI 3-PIN	C/D		
GTV	1998 - 2004	ABS BOSCH 5.3 16-PIN	C/D		
GTV	1998 - 2004	ABS BOSCH 5.3 3-PIN	C/D		
GTV	2003 - 2010	ABS BOSCH 5.3 ASR	C/D		
Mito	2008 - 2013	ABS BOSCH 8 ESP	C/D	•	•,S
Spider	1995 - 1997	ABS BOSCH 2SI	C/D		
Spider	1995 - 2010	ABS BOSCH 5.3	C/D		
Spider	1998 - 2001	ABS BOSCH 2SI 3-PIN	C/D		
Spider	1998 - 2002	ABS BOSCH 5.3 16-PIN	C/D		
Spider	1998 - 2002	ABS BOSCH 5.3 3-PIN	C/D		
Spider	2003 - 2010	ABS BOSCH 5.3 ASR	C/D		
Spider	2006 - 2010	LUCAS ESP	C/D	•	•,S
Spider	2006 - 2010	LUCAS TRW	C/D	•	

### Auto Transmission

ALFA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
147	2000 - 2010	SELESPEED CFC208F	C/D	•	
147	2000 - 2010	SELESPEED CFC208F(1)	C/D	•	
147	2008 - 2010	SELESPEED CFC218F (1)	C/D	•	•,R
147	2009 - 2010	SELESPEED CFC208F (1)	C/D	•	•,R
156	1996 - 2006	AISIN Q-SYSTEM	C/D	•	
156	1996 - 2006	SELESPEED	C/D	•	
156	1996 - 2006	SELESPEED CFC208F	C/D	•	
156	1996 - 2006	SELESPEED CFC218F	C/D	•	
156	2003 - 2004	SELESPEED CFC218F (1)	C/D	•	•,R
159	2006 - 2012	AISIN AF40-6	C/D	•	
4C	2013 - 2013	Marelli DDCT CFC8TDW	C/D		
Brera	2006 - 2010	AISIN AF40-6	C/D	•	
Giulietta (191)	2010 - 2013	Marelli DDCT CFC8TDF	C/D	•	
GT (937)	2003 - 2010	SELESPEED CFC208F(1)	C/D	•	
Mito	2008 - 2013	Marelli DDCT CFC8TDF	C/D	•	
Spider	2008 - 2010	AISIN AF40-6	C/D	•	

### Instrument Panel

ALFA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
147	2000 - 2010	Mannesman VDO	C/D	•	•
156	2003 - 2004	AFL_CAN_INST_PANEL			
159	2006 - 2012	Instrument Panel Siemens 2	C/D	•	•
Brera	2006 - 2010	Instrument Panel Siemens 2	C/D	•	•
Giulietta (191)	2010 - 2013	Siemens 3 Instrument Panel	C/D	•	•
GT (937)	2003 - 2010	Mannesman VDO	C/D	•	•
Mito	2008 - 2013	Siemens 3 Instrument Panel	C/D	•	•
Spider	2008 - 2010	Instrument Panel Siemens 2	C/D	•	•

### Other

ALFA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
147	2000 - 2010	Delphi Climate Control(Dual Zone)	C/D	•		Airco
156	1996 - 2006	Delphi Climate Control	C/D	•		Airco
156	1996 - 2006	Harrison Climate Control	C/D	•		Airco
159	2006 - 2012	Climate Control Delphi 2 (Single-zone)	C/D	•		Airco
159	2006 - 2012	Delphi(Two Three-Zone)	C/D	•		Airco
166	1998 - 2007	Borletti Climate Control MCC80X	C/D	•		Airco
Brera	2006 - 2010	Climate Control Delphi 2 (Single-zone)	C/D	•		Airco
Brera	2006 - 2010	Delphi(Two Three-Zone)	C/D	•		Airco
Giulietta (191)	2010 - 2013	Marelli Climate Control Two-Zone(EP)	C/D	•		Airco
Giulietta (191)	2010 - 2013	Marelli Manual Climate Control (EP)	C/D	•		Airco
GT (937)	2003 - 2010	Delphi Climate Control(Dual Zone)	C/D	•		Airco
Mito	2008 - 2013	Denso 2 Single-Zone Climate Control(EP)	C/D	•		Airco
Mito	2008 - 2013	Denso Climate Control(EP)	C/D	•		Airco
Spider	2008 - 2009	Climate Control Delphi 2 (Single-zone)	C/D	•		Airco
Spider	2008 - 2009	Delphi(Two Three-Zone)	C/D	•		Airco
155	1995 - 1997	BLM CUTOFF ECU	C/D			BLM CUTOFF
145/146	1995 - 2000	BLM CUTOFF ECU	C/D			BLM CUTOFF
147	2000 - 2010	Marelli Body Computer	C/D	•	•	Body Computer
159	2006 - 2012	Body Computer Marelli 3	C/D	•	•,C	Body Computer
GT (937)	2003 - 2010	Marelli Body Computer	C/D	•	•	Body Computer
Giulietta (191)	2010 - 2013	Marelli 10 Body Computer	C/D	•	•,C	Body Computer
Mito	2008 - 2013	Delphi (EP) 3 Body Computer	C/D	•	•,C	Body Computer
Brera	2006 - 2010	Body Computer Marelli 3	C/D	•	•,C	Body Computer
Spider	2008 - 2010	Body Computer Marelli 3	C/D	•	•,C	Body Computer
GT (937)	2005 - 2010	-				Clear All Codes Read By Code Scan
147	2005 - 2010	-				Clear All Codes Read By Code Scan
147	2005 - 2010	-				Code Scan
GT (937)	2005 - 2010	-				Code Scan
Brera	2006 - 2010	Discharge Headlamp Left	C/D	•		Discharge Headlamps (Left)
159	2006 - 2012	Discharge Headlamp Left	C/D	•		Discharge Headlamps (Left)
Spider	2008 - 2010	Discharge Headlamp Left	C/D	•		Discharge Headlamps (Left)
Mito	2008 - 2013	Discharge Headlamp Left	C/D	•		Discharge Headlamps (Left)
Mito	2008 - 2013	Discharge Headlamp Right	C/D	•		Discharge Headlamps (Right)
Spider	2008 - 2010	Discharge Headlamp Right	C/D			Discharge Headlamps (Right)
159	2006 - 2012	Discharge Headlamp Right	C/D			Discharge Headlamps (Right)
Brera	2006 - 2010	Discharge Headlamp Right	C/D			Discharge Headlamps (Right)
Brera	2006 - 2010	GE Procond 2	C/D	•		Door Module Driver
159	2006 - 2012	GE Procond 2	C/D	•		Door Module Driver

Key for Special Functions: ABS Brake Bleed, ABS Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptation, S: Steering Angle Sensor, E: Electronic Body Return, RA: Type A or Type Semi Auto, •: Other (see table on page 26) Dark grey lines indicate new content at 14, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Other Continued

ALFA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
147	2000 - 2010	TRW	C/D	•		Door Module Driver
159	2006 - 2012	Front Door GE Procond	C/D	•		Door Module Passenger
Brera	2006 - 2010	Front Door GE Procond	C/D	•		Door Module Passenger
Giulietta (191)	2010 - 2013	ZF Electric Steering (EP)	C/D	•		Electric Power Steering
Mito	2008 - 2013	DELPHI (EP) 3 Power Steering	C/D		•	Electric Power Steering
Brera	2006 - 2010	TEG Reader	C/D	•		Electronic Key TRW(TEG Reader)
159	2006 - 2012	TEG Reader	C/D	•		Electronic Key TRW(TEG Reader)
159	2006 - 2012	Valeo Parking Control Unit	C/D		CF	Parking Assist
Brera	2006 - 2010	Valeo Parking Control Unit	C/D		CF	Parking Assist
GT (937)	2003 - 2010	Valeo Parking Control Unit	C/D		CF	Parking Assist
Mito	2008 - 2013	VALEO Parking Control unit(EP)2	C/D		CF	Parking Assist
Spider	2008 - 2010	Valeo Parking Control Unit	C/D		CF	Parking Assist
Spider	2008 - 2009	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
Mito	2008 - 2013	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
Brera	2008 - 2010	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
Giulietta (191)	2010 - 2013	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
159	2006 - 2012	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
147	2000 - 2010	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
Giulietta (191)	2012 - 2013	IPC				Reset Odometer
Mito	2011 - 2013	IPC				Reset Odometer
Mito	2008 - 2013	SIR				Service Interval Reset
GT (937)	2003 - 2010	SIR				Service Interval Reset
Giulietta (191)	2010 - 2013	SIR				Service Interval Reset
Brera	2006 - 2010	SIR				Service Interval Reset
159	2006 - 2012	SIR				Service Interval Reset
4C	2013 - 2013	SIR				Service Interval Reset
147	2000 - 2010	SIR				Service Interval Reset
159	2012 - 2012	BCM				Transport Mode
Giulietta (191)	2012 - 2013	BCM				Transport Mode
Mito	2010 - 2013	BCM				Transport Mode
Mito	2008 - 2013	TRW Tire Pressure Control (EP)	C/D	•	•	Tyre Pressure Monitoring
Spider	2008 - 2009	Tire Pressure Control TRW 2	C/D	•	•	Tyre Pressure Monitoring
Brera	2006 - 2010	Tire Pressure Control TRW 2	C/D	•	•	Tyre Pressure Monitoring
159	2006 - 2012	Tire Pressure Control TRW 2	C/D	•	•	Tyre Pressure Monitoring
166	1998 - 2007	ABS BOSCH 5.7 VDC				Wheel Alignment
166	1998 - 2007	ABS BOSCH 5.7 VDC (166)				Wheel Alignment
159	2006 - 2012	LUCAS ESP				Wheel Alignment
147	2000 - 2010	BOSCH 8 VDC ABS				Wheel Alignment
147	2000 - 2010	ABS BOSCH 5.7 VDC				Wheel Alignment
156	1996 - 2006	ABS BOSCH 5.7 VDC				Wheel Alignment
Giulietta (191)	2010 - 2013	Continental MK60EC ABS (EP)				Wheel Alignment
Brera	2006 - 2010	LUCAS ESP				Wheel Alignment
GT (937)	2003 - 2010	ABS BOSCH 5.7 VDC				Wheel Alignment
GT (937)	2003 - 2010	BOSCH 8 VDC ABS				Wheel Alignment
Mito	2008 - 2013	DELPHI (EP) 3 Power Steering				Wheel Alignment
Mito	2008 - 2013	ABS BOSCH 8 ESP				Wheel Alignment
Spider	2008 - 2009	LUCAS ESP				Wheel Alignment

## Other Continued

ALFA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
GT (937)	2003 - 2010	XENON BOSCH LEFT	C/D	•		Xenon Left
156	2003 - 2004	XENON BOSCH LEFT	C/D	•		Xenon Left
147	2000 - 2010	XENON BOSCH LEFT	C/D	•		Xenon Left
166	2003 - 2007	XENON VALEO LEFT	C/D	•		Xenon Left
166	2003 - 2007	XENON VALEO RIGHT	C/D	•		Xenon Right
147	2000 - 2010	XENON BOSCH RIGHT	C/D			Xenon Right
156	2003 - 2004	XENON BOSCH RIGHT	C/D			Xenon Right
GT (937)	2003 - 2010	XENON BOSCH RIGHT	C/D			Xenon Right

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Keam, JA: Jumper or Type Semi Auto, \* Other (see table on page 26) Dark grey lines indicate new content at 1,4 - 4. Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

AUDI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
A1	2012 - 2013	CBZA	1.2	C,D	•	•	
A1	2012 - 2013	CAXA	1.4	C,D	•	•	
A1	2012 - 2013	CAYB	1.6	C,D	•	•,I,P	
A1	2012 - 2013	CAYC	1.6	C,D	•	•,I,P	
A1	2012 - 2013	CFHD	2	C,D	•	•	
100	1992 - 1993	ABB	1.6	C,D	•	•	
100	1986 - 1986	DR	1.8	C,D	•	•	
100	1986 - 1989	DS	1.8	C,D	•	•	
100	1986 - 1990	JW	1.8	C,D	•	•	
100	1988 - 1990	NP	1.8	C,D	•	•	
100	1986 - 1989	RS	1.8	C,D	•	•	
100	1986 - 1991	SH	1.8	C,D	•	•	
100	1988 - 1990	4B	1.8	C,D	•	•	
100	1986 - 1991	PH	1.8	C,D	•	•	
100	1991 - 1994	1Z	1.9	C,D	•	•	
100	1991 - 1994	AHU	1.9	C,D	•	•	
100	1990 - 1994	AAE	2	C,D	•	•	
100	1993 - 1994	ADW	2	C,D	•	•	
100	1986 - 1989	CN	2	C,D	•	•	
100	1986 - 1987	KP	2	C,D	•	•	
100	1986 - 1987	SL	2	C,D	•	•	
100	1988 - 1991	RT	2	C,D	•	•	
100	1991 - 1992	AAD	2	C,D	•	•	
100	1993 - 1994	ABK	2	C,D	•	•	
100	1992 - 1994	ACE	2	C,D	•	•	
100	1986 - 1987	DE	2	C,D	•	•	
100	1988 - 1990	NC	2	C,D	•	•	
100	1986 - 1987	HX	2.2	C,D	•	•	
100	1986 - 1990	KU	2.2	C,D	•	•	
100	1986 - 1991	MC	2.2	C,D	•	•	
100	1986 - 1986	KZ	2.2	C,D	•	•	
100	1986 - 1988	PX	2.2	C,D	•	•	
100	1991 - 1995	AAN	2.2	C,D	•	•	
100	1990 - 1994	AAR	2.3	C,D	•	•	
100	1986 - 1990	NF	2.3	C,D	•	•	
100	1989 - 1990	3D	2.4	C,D	•	•	
100	1991 - 1994	AAS	2.4	C,D	•	•	
100	1990 - 1990	1T	2.5	C,D	•	•	
100	1991 - 1994	AAT	2.5	C,D	•	•	
100	1991 - 1992	ABP	2.5	C,D	•	•	
100	1992 - 1994	ABC	2.6	C,D	•	•	
100	1993 - 1994	ACZ	2.6	C,D	•	•	
100	1990 - 1994	AAH	2.8	C,D	•	•	
100	1994 - 1994	AFC	2.8	C,D	•	•	
100	1992 - 1994	ABH	4.2	C,D	•	•	
100	1991 - 1994	AHK	4.2	C,D	•	•	
200	1988 - 1990	4B	1.8	C,D	•	•	
200	1988 - 1991	RT	2	C,D	•	•	
200	1988 - 1990	1B	2.2	C,D	•	•	
200	1988 - 1990	2B	2.2	C,D	•	•	
200	1986 - 1989	JY	2.2	C,D	•	•	
200	1986 - 1988	KG	2.2	C,D	•	•	
200	1986 - 1991	MC	2.2	C,D	•	•	
200	1989 - 1990	3B	2.2	C,D	•	•	
80	1986 - 1986	EP	1.3	C,D	•	•	
80	1987 - 1989	SE	1.4	C,D	•	•	
80	1986 - 1986	DT	1.6	C,D	•	•	
80	1986 - 1986	DTA	1.6	C,D	•	•	
80	1986 - 1986	JU	1.6	C,D	•	•	

AUDI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
80	1986 - 1991	PP	1.6	C,D	•	•	
80	1986 - 1991	RN	1.6	C,D	•	•	
80	1986 - 1987	SA	1.6	C,D	•	•	
80	1992 - 1994	ABM	1.6	C,D	•	•	
80	1986 - 1989	JK	1.6	C,D	•	•	
80	1990 - 1993	ABB	1.6	C,D	•	•	
80	1992 - 1995	ADA	1.6	C,D	•	•	
80	1986 - 1986	CY	1.6	C,D	•	•	
80	1988 - 1989	RA	1.6	C,D	•	•	
80	1989 - 1991	SB	1.6	C,D	•	•	
80	1986 - 1988	DS	1.8	C,D	•	•	
80	1986 - 1988	JV	1.8	C,D	•	•	
80	1986 - 1991	NE	1.8	C,D	•	•	
80	1986 - 1991	RU	1.8	C,D	•	•	
80	1986 - 1990	SF	1.8	C,D	•	•	
80	1988 - 1990	PM	1.8	C,D	•	•	
80	1991 - 1991	PM	1.8	C,D	•	•	
80	1986 - 1991	DZ	1.8	C,D	•	•	
80	1986 - 1991	JN	1.8	C,D	•	•	
80	1986 - 1986	PV	1.8	C,D	•	•	
80	1989 - 1991	1Y	1.9	C,D	•	•	
80	1986 - 1988	SD	1.9	C,D	•	•	
80	1991 - 1994	AAZ	1.9	C,D	•	•	
80	1991 - 1994	1Z	1.9	C,D	•	•	
80	1991 - 1995	ABT	2	C,D	•	•	
80	1993 - 1995	ADW	2	C,D	•	•	
80	1986 - 1986	SK	2	C,D	•	•	
80	1988 - 1990	3A	2	C,D	•	•	
80	1990 - 1992	6A	2	C,D	•	•	
80	1990 - 1991	AAD	2	C,D	•	•	
80	1991 - 1994	ABK	2	C,D	•	•	
80	1992 - 1995	ACE	2	C,D	•	•	
80	1992 - 1995	ABY	2.2	C,D	•	•	
80	1994 - 1995	ADU	2.2	C,D	•	•	
80	1991 - 1994	NG	2.3	C,D	•	•	
80	1988 - 1989	7A	2.3	C,D	•	•	
80	1992 - 1995	ABC	2.6	C,D	•	•	
80	1993 - 1995	ACZ	2.6	C,D	•	•	
80	1991 - 1994	AAH	2.8	C,D	•	•	
80	1993 - 1994	AFC	2.8	C,D	•	•	
90	1986 - 1987	SA	1.6	C,D	•	•	
90	1987 - 1989	JK	1.6	C,D	•	•	
90	1986 - 1986	CY	1.6	C,D	•	•	
90	1988 - 1989	RA	1.6	C,D	•	•	
90	1989 - 1993	SB	1.6	C,D	•	•	
90	1986 - 1993	DZ	1.8	C,D	•	•	
90	1986 - 1988	JL	2	C,D	•	•	
90	1986 - 1986	HP	2	C,D	•	•	
90	1986 - 1988	JS	2	C,D	•	•	
90	1987 - 1992	PS	2	C,D	•	•	
90	1988 - 1993	NM	2	C,D	•	•	
90	1986 - 1987	HY	2.2	C,D	•	•	
90	1986 - 1993	KV	2.2	C,D	•	•	
90	1986 - 1987	JT	2.2	C,D	•	•	
90	1986 - 1988	KX	2.2	C,D	•	•	
90	1987 - 1993	NG	2.3	C,D	•	•	
90	1988 - 1988	7A	2.3	C,D	•	•	
90	1989 - 1993	7A	2.3	C,D	•	•	
90	1991 - 1994	AAH	2.8	C,D	•	•	

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Inertia Body Return, JA- Jumper or Type Semi Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1.4, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

AUDI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
A0	1993 - 1995	AFC	2.8	C,D	•	•	
A2	2001 - 2009	ANY	1.2	C,D	•	•	
A2	2000 - 2003	AUA	1.4	C,D	•	•	
A2	2002 - 2009	BBY	1.4	C,D	•	•	
A2	2000 - 2009	AMF	1.4	C,D	•	•	
A2	2004 - 2009	ATL	1.4	C,D	•	•	
A2	2002 - 2003	BAY	1.4	C,D	•	•	
A2	2005 - 2009	BHC	1.4	C,D	•	•	
A2	2002 - 2009	BAD	1.6	C,D	•	•	
A2	2002 - 2003	BDS	1.6	C,D	•	•	
A3	2010 - 2013	CBZB	1.2	C,D	•	•	
A3	2010 - 2013	CAXC	1.4	C	•	•	
A3	2010 - 2013	CCSA	1.6	C,D	•	•	
A3	1996 - 2003	AEH	1.6	C,D	•	•	
A3	1996 - 2000	AHM	1.6	C,D	•	•	
A3	1997 - 2003	AKL	1.6	C,D	•	•	
A3	1998 - 2001	APF	1.6	C,D	•	•	
A3	2002 - 2003	ALZ	1.6	C,D	•	•,T,E	
A3	2000 - 2003	AVU	1.6	C,D	•	•	
A3	2003 - 2003	AXW	1.6	C,D	•	•	
A3	2004 - 2005	BAG	1.6	C	•	•	
A3	2003 - 2003	BAH	1.6	C,D	•	•	
A3	2003 - 2003	BFQ	1.6	C,D	•	•	
A3	2003 - 2009	BGU	1.6	C,D	•	•,T,E	
A3	2004 - 2009	BLP	1.6	C,D	•	•	
A3	2005 - 2013	BLF	1.6	C	•	•,T,E	
A3	2005 - 2013	BSF	1.6	C,D	•	•,T,E	
A3	2005 - 2013	BSE	1.6	C,D	•	•,T,E	
A3	2010 - 2013	CAYC	1.6 TDI CR	C,D	•	•,I,P	
A3	2010 - 2013	CAYB	1.6 TDI CR	C,D	•	•,I,P	
A3	2010 - 2013	CDAA	1.8	C	•	•	
A3	2010 - 2013	BZB	1.8	C	•	•	
A3	1996 - 2003	AGN	1.8	C,D	•	•	
A3	1998 - 2003	APG	1.8	C,D	•	•	
A3	1996 - 2003	AGU	1.8	C,D	•	•	
A3	1998 - 2001	AJQ	1.8	C,D	•	•	
A3	2002 - 2003	AMK	1.8	C,D	•	•	
A3	1999 - 2003	APP	1.8	C,D	•	•	
A3	1998 - 2001	APY	1.8	C,D	•	•	
A3	1998 - 2003	AQA	1.8	C,D	•	•	
A3	2000 - 2003	ARX	1.8	C,D	•	•	
A3	2000 - 2003	ARY	1.8	C,D	•	•	
A3	1998 - 2001	ARZ	1.8	C,D	•	•	
A3	2001 - 2001	AUL	1.8	C,D	•	•	
A3	2000 - 2003	AUM	1.8	C,D	•	•	
A3	2000 - 2003	AUQ	1.8	C,D	•	•,T,E	
A3	2002 - 2003	BAM	1.8	C,D	•	•,T,E	
A3	1996 - 2001	AGR	1.9	C,D	•	•	
A3	1996 - 2003	AHF	1.9	C,D	•	•	
A3	1997 - 2003	ALH	1.9	C,D	•	•	
A3	1998 - 2001	ANU	1.9	C,D	•	•	
A3	1999 - 2003	ASV	1.9	C,D	•	•	
A3	2000 - 2003	ASZ	1.9	C,D	•	•	
A3	2000 - 2003	ATD	1.9	C,D	•	•	
A3	2001 - 2001	AUY	1.9	C,D	•	•	
A3	2004 - 2009	AVQ	1.9	C,D	•	•	
A3	2002 - 2003	AXR	1.9	C,D	•	•	
A3	2002 - 2013	BXE	1.9	C,D	•	•,P,E	
A3	2004 - 2009	BKC	1.9	C,D	•	•,P,E	

AUDI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
A3	2005 - 2013	BLS	1.9	C,D	•	•,P,E	
A3	2003 - 2003	BXC	1.9	C,D	•	•	
A3	2003 - 2003	BXD	1.9	C,D	•	•	
A3	2010 - 2013	CCTA	2	C,D	•	•	
A3	2010 - 2013	CCZA	2	C	•	•	
A3	2010 - 2013	CDLC	2	C	•	•	
A3	2010 - 2013	CDLD	2	C,D	•	•	
A3	2010 - 2013	CDLA	2	C,D	•	•	
A3	2003 - 2003	AZV	2	C,D	•	•	
A3	2003 - 2009	AXW	2	C	•	•	
A3	2004 - 2009	BHD	2	C	•	•	
A3	2004 - 2013	BHZ	2	C,D	•	•,T,E	
A3	2005 - 2009	BLR	2	C,D	•	•,T,E	
A3	2004 - 2009	BLX	2	C,D	•	•,T,E	
A3	2004 - 2013	BLY	2	C,D	•	•,T,E	
A3	2004 - 2013	AXX	2	C,D	•	•,T,E	
A3	2004 - 2013	APZ	2	C,D	•	•,P,E	
A3	2004 - 2013	BKD	2	C,D	•	•,P,E	
A3	2005 - 2009	BKQ	2	C	•	•	
A3	2008 - 2013	BVZ	2	C,D	•	•	
A3	2008 - 2013	BWA	2	C,D	•	•,T,E	
A3	2008 - 2013	BYV	2	C,D	•	•	
A3	2008 - 2013	BUY	2	C	•	•	
A3	2005 - 2009	BMB	2	C	•	•	
A3	2005 - 2013	BMM	2	C,D	•	•,P	
A3	2005 - 2013	BMN	2	C,D	•	•,P,E	
A3	2008 - 2009	BRA	2	C	•	•	
A3	2004 - 2013	BDB	3.2	C	•	•,T	
A3	2004 - 2013	BMJ	3.2	C	•	•	
A3	2008 - 2013	BUB	3.2	C	•	•,T	
A3	2009 - 2013	CAWB	2.0L MPI	C,D	•	•,T,E	
A3	2009 - 2013	CBBB	2.0L TDI-CR	C,D	•	•,I	
A3	2009 - 2013	CFFB	2.0L TDI-CR	C,D	•	•,I	
A3	2009 - 2013	CBAB	2.0L TDI-CR	C,D	•	•,I	
A3	2009 - 2013	CBAA	2.0L TDI-CR	C,D	•	•,I	
A4(8K)	2008 - 2013	CABA	1.8 TFSI	C,D	•	•,T	
A4(8K)	2008 - 2013	CDHA	1.8 TFSI	C	•	•,T	
A4(8K)	2008 - 2013	CABB	1.8 TFSI	C,D	•	•,T	
A4(8K)	2008 - 2013	CCUA	1.8 TFSI	C	•	•,T	
A4(8K)	2008 - 2013	CDHB	1.8 TFSI	C,D	•	•,T	
A4(8K)	2008 - 2013	CAGC	2.0LTDI	C,D	•	•,I,P	
A4(8K)	2008 - 2013	CFKA	2.0LTDI	C	•	•,I,P	
A4(8K)	2008 - 2013	CDNB	2.0LTDI	C,D	•	•,I,P	
A4(8K)	2008 - 2013	CDNC	2.0LTDI	C,D	•	•,I,P	
A4(8K)	2008 - 2013	CAGA	2.0LTDI	C,D	•	•,I,P	
A4(8K)	2008 - 2013	CAHB	2.0LTDI	C,D	•	•,I,P	
A4(8K)	2008 - 2013	CAHA	2.0LTDI	C,D	•	•,I,P	
A4(8K)	2008 - 2013	CAMA	2.7 TDI	C,D	•	•,I,P	
A4(8K)	2008 - 2013	CAMB	2.7 TDI	C,D	•	•,I,P	
A4(8K)	2008 - 2013	CGKA	2.7 TDI	C,D	•	•,I,P	
A4(8K)	2008 - 2013	CGKB	2.7 TDI	C,D	•	•,I,P	
A4(8K)	2008 - 2013	CCWB	3.0LTDI	C,D	•	•,I,P	
A4(8K)	2008 - 2013	CCLA	3.0LTDI	C,D	•	•,I,P	
A4(8K)	2008 - 2013	CCWA	3.0LTDI	C,D	•	•,I,P	
A4(8K)	2008 - 2013	CAPA	3.0LTDI	C,D	•	•,I,P	
A4(8K)	2008 - 2013	CALA	3.2 FSI	C	•	•	
A4(8K)	2008 - 2013	CAGB	2.0LTDI	C,D	•	•,I,P	
A4	1994 - 1999	SE	1.4	C,D	•	•	
A4	1994 - 1997	ADP	1.6	C,D	•	•	

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, JA: Jumper or Type Sensi Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

AUDI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
A4	1995 - 1999	AHL	1.6	C,D	•	•	
A4	2000 - 2009	ALZ	1.6	C,D	•	•,T,E	
A4	1998 - 2001	ANA	1.6	C,D	•	•	
A4	1998 - 2001	ARM	1.6	C,D	•	•	
A4	1994 - 1999	ADR	1.8	C,D	•	•	
A4	1995 - 2001	AFY	1.8	C,D	•	•	
A4	1999 - 2001	APT	1.8	C,D	•	•	
A4	1999 - 2001	APW	1.8	C,D	•	•	
A4	1998 - 2001	ARG	1.8	C,D	•	•	
A4	1998 - 1999	ARK	1.8	C,D	•	•	
A4	2000 - 2001	AVV	1.8	C,D	•	•	
A4	1995 - 1999	AEB	1.8	C,D	•	•	
A4	1997 - 2001	AJL	1.8	C,D	•	•	
A4	2001 - 2004	AMB	1.8	C,D	•	•	
A4	1999 - 2001	ANB	1.8	C,D	•	•	
A4	1998 - 2001	APU	1.8	C,D	•	•	
A4	1999 - 2001	ATW	1.8	C,D	•	•	
A4	2003 - 2003	AUM	1.8	C,D	•	•	
A4	2001 - 2003	AVJ	1.8	C,D	•	•	
A4	2000 - 2001	AWM	1.8	C,D	•	•	
A4	2000 - 2001	AWT	1.8	C,D	•	•,T	
A4	2003 - 2009	BEX	1.8	C,D	•	•,T	
A4	2003 - 2009	BFB	1.8	C,D	•	•,T	
A4	2004 - 2009	BKB	1.8	C	•	•,T	
A4	1994 - 1996	1Z	1.9	C,D	•	•	
A4	1995 - 2001	AFF	1.9	C,D	•	•	
A4	1995 - 1999	AFN	1.9	C,D	•	•	
A4	1997 - 2001	AHH	1.9	C,D	•	•	
A4	1996 - 2000	AHU	1.9	C,D	•	•	
A4	1998 - 2001	AJM	1.9	C,D	•	•	
A4	2000 - 2001	ATJ	1.9	C,D	•	•	
A4	2001 - 2004	AVB	1.9	C,D	•	•	
A4	2000 - 2004	AVF	1.9	C,D	•	•	
A4	1999 - 2001	AVG	1.9	C,D	•	•	
A4	2000 - 2004	AWX	1.9	C,D	•	•	
A4	2009 - 2009	BRB	1.9	C,D	•	•	
A4	2009 - 2009	BKE	1.9	C,D	•	•	
A4	1994 - 1997	ADW	2	C,D	•	•	
A4	2001 - 2009	ALT	2	C,D	•	•,T	
A4	2001 - 2009	AWA	2	C,D	•	•,T	
A4	2002 - 2003	BAZ	2	C,D	•	•	
A4	2005 - 2009	BLB	2	C,D	•	•	
A4	2005 - 2009	BPW	2	C,D	•	•	
A4	2009 - 2009	BWE	2	C,D	•	•	
A4	2009 - 2009	BUL	2	C,D	•	•,T	
A4	2005 - 2009	BGB	2	C,D	•	•,T	
A4	2009 - 2009	BVA	2	C	•	•	
A4	2009 - 2009	BVG	2	C	•	•	
A4	2009 - 2009	BVF	2	C	•	•	
A4	2009 - 2009	BRF	2	C,D	•	•	
A4	2009 - 2009	BRE	2	C,D	•	•	
A4	2009 - 2009	BRD	2	C,D	•	•	
A4	2009 - 2009	BRC	2	C,D	•	•	
A4	1995 - 1998	AFM	2.4	C,D	•	•	
A4	1997 - 2000	AGA	2.4	C,D	•	•	
A4	1997 - 1999	AJG	2.4	C,D	•	•	
A4	1998 - 2000	ALF	2.4	C,D	•	•	
A4	1998 - 2001	AML	2.4	C,D	•	•	
A4	2000 - 2004	AMM	2.4	C,D	•	•,T	

AUDI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
A4	1998 - 2001	APS	2.4	C,D	•	•	
A4	1999 - 2001	APZ	2.4	C,D	•	•	
A4	1998 - 2001	ARJ	2.4	C,D	•	•	
A4	2002 - 2009	BDV	2.4	C,D	•	•,T	
A4	1997 - 2001	AFB	2.5	C,D	•	•	
A4	2001 - 2003	AKE	2.5	C,D	•	•	
A4	1998 - 2001	AKN	2.5	C,D	•	•	
A4	2001 - 2003	AYM	2.5	C,D	•	•	
A4	2003 - 2009	BAU	2.5	C,D	•	•	
A4	2004 - 2009	BCZ	2.5	C,D	•	•	
A4	2003 - 2009	BDG	2.5	C,D	•	•	
A4	2003 - 2009	BDH	2.5	C,D	•	•	
A4	2002 - 2003	BFC	2.5	C,D	•	•	
A4	1994 - 1998	ABC	2.6	C,D	•	•	
A4	1996 - 1997	ACZ	2.6	C,D	•	•	
A4	1999 - 2001	AJK	2.7	C,D	•	•	
A4	2000 - 2003	ASJ	2.7	C,D	•	•	
A4	2001 - 2001	AZB	2.7	C,D	•	•,T	
A4	2002 - 2003	AZR	2.7	C,D	•	•	
A4	2009 - 2009	BSG	2.7	C	•	•	
A4	2009 - 2009	BPP	2.7	C	•	•,P,E	
A4	1994 - 1997	AAH	2.8	C,D	•	•	
A4	1995 - 1998	ACK	2.8	C,D	•	•	
A4	1995 - 1997	AFC	2.8	C,D	•	•	
A4	1996 - 1997	AHA	2.8	C,D	•	•	
A4	1997 - 1998	ALG	2.8	C,D	•	•	
A4	1998 - 2001	AMX	2.8	C,D	•	•	
A4	1998 - 2001	APR	2.8	C,D	•	•	
A4	1998 - 2001	AQD	2.8	C,D	•	•	
A4	1999 - 2001	ATQ	2.8	C,D	•	•	
A4	1999 - 2001	ATX	2.8	C,D	•	•	
A4	2000 - 2001	AZR	2.8	C,D	•	•	
A4	2009 - 2009	ASB	3	C	•	•	
A4	2001 - 2009	ASN	3	C,D	•	•,T	
A4	2001 - 2009	AVK	3	C,D	•	•,T	
A4	2001 - 2009	BBJ	3	C,D	•	•,T	
A4	2004 - 2004	BGN	3	C,D	•	•	
A4	2005 - 2009	BKN	3	C	•	•	
A4	2009 - 2009	AUK	3.2	C	•	•,T	
A4	2002 - 2009	BBK	4.2	C,D	•	•,T	
A4	2004 - 2004	BHF	4.2	C,D	•	•	
A4	2009 - 2009	BNS	4.2	C	•	•	
A4 CABRIOLET	2003 - 2005	AMB	1.8	C,D	•	•	
A4 CABRIOLET	2003 - 2003	AVJ	1.8	C,D	•	•	
A4 CABRIOLET	2003 - 2009	BFB	1.8	C,D	•	•,T	
A4 CABRIOLET	2004 - 2009	ALT	2	C,D	•	•,T	
A4 CABRIOLET	2009 - 2009	BUL	2	C,D	•	•,T	
A4 CABRIOLET	2009 - 2009	BWE	2	C	•	•	
A4 CABRIOLET	2009 - 2009	BRC	2	C,D	•	•	
A4 CABRIOLET	2009 - 2009	BPW	2	C,D	•	•	
A4 CABRIOLET	2009 - 2009	BRE	2	C,D	•	•	
A4 CABRIOLET	2009 - 2009	BRF	2	C,D	•	•	
A4 CABRIOLET	2003 - 2009	AMM	2.4	C,D	•	•,T	
A4 CABRIOLET	2003 - 2009	BDV	2.4	C,D	•	•,T	
A4 CABRIOLET	2003 - 2005	BCZ	2.5	C,D	•	•	
A4 CABRIOLET	2003 - 2009	BDG	2.5	C,D	•	•	
A4 CABRIOLET	2003 - 2003	BFC	2.5	C,D	•	•	
A4 CABRIOLET	2009 - 2009	BPP	2.7	C	•	•,P,E	
A4 CABRIOLET	2009 - 2009	BSG	2.7	C	•	•	

# Engine Management Applications

AUDI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
A4 CABRIOLET	2009 - 2009	ASB	3	C	•	•	
A4 CABRIOLET	2003 - 2009	ASN	3	C,D	•	•,T	
A4 CABRIOLET	2003 - 2005	AVK	3	C,D	•	•,T	
A4 CABRIOLET	2003 - 2009	BBJ	3	C,D	•	•,T	
A4 CABRIOLET	2004 - 2005	BGN	3	C,D	•	•,T	
A4 CABRIOLET	2009 - 2009	BKN	3	C	•	•	
A4 CABRIOLET	2009 - 2009	AUK	3.2	C	•	•,T	
A4 CABRIOLET	2004 - 2009	BBK	4.2	C,D	•	•,T	
A4 CABRIOLET	2004 - 2005	BHF	4.2	C,D	•	•	
A5	2009 - 2013	CABB	1.8 TFSI	C	•	•,T	
A5	2009 - 2013	CABD	1.8 TFSI	C,D	•	•,T	
A5	2009 - 2013	CDHB	1.8 TFSI	C,D	•	•,T	
A5	2009 - 2013	CACB	2.0L TFSI	C	•	•,T	
A5	2009 - 2013	CDNC	2.0L TFSI	C,D	•	•,T	
A5	2008 - 2013	CDNB	2.0L TFSI	C,D	•	•,T	
A5	2009 - 2013	CACA	2.0L TFSI	C	•	•,T	
A5	2009 - 2013	CAHA	2.0 L TDI	C,D	•	•,I,P	
A5	2011 - 2013	CMEA	2.0LTDI	C	•	•,I,P	
A5	2011 - 2013	CJCA	2.0LTDI	C	•	•,I,P	
A5	2011 - 2013	CJCB	2.0LTDI	C	•	•,I,P	
A5	2011 - 2013	CGLD	2.0LTDI	C,D	•	•,I,P	
A5	2011 - 2013	CGLC	2.0LTDI	C,D	•	•,I,P	
A5	2011 - 2013	CAGB	2.0LTDI	C,D	•	•,I,P	
A5	2009 - 2013	CAMA	2.7 L TDI	C,D	•	•,I,P	
A5	2009 - 2013	CAMB	2.7 L TDI	C,D	•	•,I,P	
A5	2009 - 2013	CGKB	2.7 L TDI	C,D	•	•,I,P	
A5	2009 - 2013	CGKA	2.7 L TDI	C,D	•	•,I,P	
A5	2009 - 2013	CAPA	3.0 L TDI	C,D	•	•,I,P	
A5	2009 - 2013	CCWA	3.0 L TDI	C,D	•	•,I,P	
A5	2009 - 2013	CCWB	3.0 L TDI	C,D	•	•,I,P	
A5	2009 - 2013	CALA	3.2 L FSI	C	•	•	
A5	2009 - 2013	CALB	3.2 L FSI	C	•	•	
A5	2009 - 2013	CAUA	4.2 L FSI	C	•	•	
A5	2009 - 2013	CAHB	2.0 L TDI	C,D	•	•,I,P	
A5	2009 - 2013	CAGA	2.0 L TDI	C,D	•	•,I,P	
A6	1995 - 1998	ADR	1.8	C,D	•	•	
A6	1997 - 2003	AFY	1.8	C,D	•	•	
A6	1998 - 2003	AJP	1.8	C,D	•	•	
A6	2001 - 2003	ANQ	1.8	C,D	•	•	
A6	1999 - 2003	AQE	1.8	C,D	•	•	
A6	1999 - 2003	ARH	1.8	C,D	•	•	
A6	1999 - 2003	ARK	1.8	C,D	•	•	
A6	1997 - 2003	AEB	1.8	C,D	•	•	
A6	1998 - 2003	AJL	1.8	C,D	•	•	
A6	1999 - 2003	ANB	1.8	C,D	•	•	
A6	1998 - 2003	APU	1.8	C,D	•	•	
A6	2000 - 2003	AWL	1.8	C,D	•	•	
A6	2001 - 2009	AWT	1.8	C,D	•	•,T	
A6	1994 - 1998	1Z	1.9	C,D	•	•	
A6	1996 - 2003	AFN	1.9	C,D	•	•	
A6	1995 - 1998	AHU	1.9	C,D	•	•	
A6	1998 - 2003	AJM	1.9	C,D	•	•	
A6	2001 - 2009	AVF	1.9	C,D	•	•	
A6	1999 - 2003	AVG	1.9	C,D	•	•	
A6	2001 - 2009	AWX	1.9	C,D	•	•	
A6	1994 - 1998	AAE	2	C,D	•	•	
A6	1994 - 1998	ADW	2	C,D	•	•,P	
A6	1994 - 1996	ABK	2	C,D	•	•	
A6	1994 - 1998	ACE	2	C,D	•	•	

AUDI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
A6	2001 - 2009	ALT	2	C,D	•	•,T	
A6 (VIN 4F)	2005 - 2009	BLB	2	C	•	•	
A6 (VIN 4F)	2005 - 2009	BNA	2	C,D	•	•	
A6 (VIN 4F)	2005 - 2013	BPJ	2	C,D	•	•	
A6 (VIN 4F)	2009 - 2013	BVG	2	C	•	•	
A6 (VIN 4F)	2009 - 2013	BRF	2	C,D	•	•	
A6 (VIN 4F)	2009 - 2013	BRE	2	C,D	•	•	
A6	2009 - 2013	CAGB	2.0 L TDI	C,D	•	•,I,P	
A6	2009 - 2013	CAHA	2.0 L TDI	C,D	•	•,I,P	
A6	2009 - 2013	CAHB	2.0 L TDI	C,D	•	•,I,P	
A6	1996 - 1998	AAN	2.2	C,D	•	•	
A6	1994 - 1998	AAR	2.3	C,D	•	•	
A6	1995 - 1998	AFM	2.4	C,D	•	•	
A6	1997 - 2003	AGA	2.4	C,D	•	•	
A6	1997 - 2003	AJG	2.4	C,D	•	•	
A6	1997 - 2003	ALF	2.4	C,D	•	•	
A6	1997 - 2003	ALW	2.4	C,D	•	•	
A6	2000 - 2003	AML	2.4	C,D	•	•	
A6	2000 - 2009	AMC	2.4	C,D	•	•,T	
A6	1998 - 2003	APC	2.4	C,D	•	•	
A6	1998 - 2003	APS	2.4	C,D	•	•	
A6	1999 - 2003	APZ	2.4	C,D	•	•	
A6	1998 - 2003	ARJ	2.4	C,D	•	•	
A6	1999 - 2003	ARN	2.4	C,D	•	•	
A6	2000 - 2009	ASM	2.4	C,D	•	•,T	
A6	2001 - 2009	BDV	2.4	C,D	•	•,T	
A6 (VIN 4F)	2005 - 2013	BDW	2.4	C	•	•,T	
A6	1994 - 1998	AAT	2.5	C,D	•	•	
A6	1994 - 1998	AEL	2.5	C,D	•	•	
A6	1998 - 2003	AFB	2.5	C,D	•	•	
A6	2000 - 2009	AKE	2.5	C,D	•	•	
A6	1998 - 2003	AKN	2.5	C,D	•	•	
A6	2001 - 2003	AYM	2.5	C,D	•	•	
A6	2004 - 2009	BAU	2.5	C,D	•	•	
A6	2003 - 2003	BAY	2.5	C,D	•	•	
A6	2004 - 2009	BCZ	2.5	C,D	•	•	
A6	2003 - 2009	BDG	2.5	C,D	•	•	
A6	2003 - 2009	BDH	2.5	C,D	•	•	
A6	2003 - 2009	BFC	2.5	C,D	•	•	
A6	1994 - 1998	ABC	2.6	C,D	•	•	
A6	1994 - 1998	ACZ	2.6	C,D	•	•	
A6	1999 - 2003	AJK	2.7	C,D	•	•	
A6	1999 - 2003	APB	2.7	C,D	•	•,T	
A6	2000 - 2003	ARE	2.7	C,D	•	•,T	
A6	2000 - 2003	AZA	2.7	C,D	•	•,T	
A6	2003 - 2009	BEL	2.7	C,D	•	•,T	
A6	2003 - 2009	BES	2.7	C,D	•	•,T	
A6 (VIN 4F)	2005 - 2013	BGS	2.7	C	•	•	
A6 (VIN 4F)	2005 - 2013	BPP	2.7	C	•	•,P,E	
A6 (VIN 4F)	2010 - 2013	CANB	2.7	C	•	•	
A6 (VIN 4F)	2010 - 2013	CAND	2.7	C	•	•	
A6 (VIN 4F)	2010 - 2013	CANA	2.7	C	•	•	
A6 (VIN 4F)	2010 - 2013	CANC	2.7	C	•	•	
A6	1994 - 1998	AAH	2.8	C,D	•	•	
A6	1995 - 2003	ACK	2.8	C,D	•	•	
A6	1994 - 1998	AJE	2.8	C,D	•	•	
A6	1994 - 1996	AFC	2.8	C,D	•	•	
A6	1997 - 2003	AGE	2.8	C,D	•	•	
A6	1997 - 1998	AHA	2.8	C,D	•	•	

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, H: Hydraulic or Type Semi Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 14, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

AUDI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
A6	1998 - 2003	ALG	2.8	C,D	•	•	
A6	2000 - 2003	AMX	2.8	C,D	•	•	
A6	1998 - 2003	APR	2.8	C,D	•	•	
A6	1998 - 2003	AQD	2.8	C,D	•	•	
A6	1999 - 2001	ATQ	2.8	C,D	•	•	
A6	1999 - 2003	ATX	2.8	C,D	•	•	
A6	2010 - 2013	CCAA	3	C	•	•,T	
A6	2010 - 2013	CDYA	3	C	•	•,T	
A6	2010 - 2013	CDYB	3	C	•	•,T	
A6	2010 - 2013	CDYC	3	C	•	•,T	
A6	2001 - 2009	ASN	3	C,D	•	•,T	
A6	2002 - 2009	AVK	3	C,D	•	•,T	
A6	2002 - 2010	BBJ	3	C,D	•	•,T	
A6 (VIN 4F)	2009 - 2013	BNG	3	C,D	•	•	
A6 (VIN 4F)	2005 - 2013	BMK	3	C	•	•,P	
A6 (VIN 4F)	2005 - 2013	AUK	3.2	C	•	•,T	
A6	2000 - 2001	AKF	3.3	C,D	•	•	
A6	1999 - 2000	AQG	3.7	C,D	•	•	
A6	2002 - 2009	ANK	4.2	C,D	•	•	
A6	1999 - 2001	ARS	4.2	C,D	•	•	
A6	1999 - 2003	ART	4.2	C,D	•	•	
A6	2000 - 2009	ASG	4.2	C,D	•	•	
A6	2001 - 2001	ASQ	4.2	C,D	•	•	
A6	2000 - 2009	AWN	4.2	C,D	•	•	
A6	2003 - 2009	BAS	4.2	C,D	•	•	
A6 (VIN 4F)	2005 - 2013	BAT	4.2	C	•	•	
A6	2002 - 2009	BBD	4.2	C,D	•	•	
A6	2003 - 2009	BCY	4.2	C,D	•	•	
A6	2009 - 2013	BVJ	4.2	C	•	•,T	
A6	2009 - 2013	BXA	5.2	C	•	•	
A7	2012-2012	CASA	3	C,D	•	•	
A7	2012-2012	CDUC	3	C	•	•	
A7	2012-2012	CLAA	3	C,D	•	•	
A7	2012-2012	BUN	3	C,D	•	•	
A7	2012-2012	BHK	3.6	C,D	•	•	
A7	2012-2012	CHVA	2.8	C	•	•	
A7	2012-2012	CJTD	3	C	•	•	
A7	2012-2012	CNAA	3	C	•	•	
A7	2012-2012	BTR	4.2	C,D	•	•	
A7	2012-2012	BAR	4.2	C	•	•	
A8	1997 - 2003	AFB	2.5	C,D	•	•	
A8	2000 - 2003	AKE	2.5	C,D	•	•	
A8	1997 - 2003	AKN	2.5	C,D	•	•	
A8	1994 - 1996	AAH	2.8	C,D	•	•	
A8	1995 - 1998	ACK	2.8	C,D	•	•	
A8	1994 - 1996	AEJ	2.8	C,D	•	•	
A8	1995 - 1998	AHA	2.8	C,D	•	•	
A8	1996 - 1999	ALG	2.8	C,D	•	•	
A8	2000 - 2003	AMX	2.8	C,D	•	•	
A8	1999 - 2003	APR	2.8	C,D	•	•	
A8	1999 - 2003	AQD	2.8	C,D	•	•	
A8	2010 - 2013	CGWA	3	C	•	•	
A8	2010 - 2013	CDMA	3	C	•	•	
A8	2011 - 2013	CDTB	3	C	•	•	
A8	2003 - 2004	ASN	3	C	•	•,T	
A8	2004 - 2005	BBJ	3	C	•	•,T	
A8	2004 - 2009	ASB	3	C	•	•	
A8	2005 - 2009	ASN	3	C	•	•,T	
A8	2009 - 2009	BBJ	3	C	•	•,T	

AUDI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
A8	2005 - 2009	BNG	3	C,D	•	•	
A8	2009 - 2009	BPK	3.2	C	•	•	
A8	2000 - 2003	AKF	3.2	C,D	•	•	
A8	2000 - 2003	AKF	3.3	C,D	•	•	
A8	1995 - 1999	AEW	3.7	C,D	•	•	
A8	2000 - 2003	AKC	3.7	C,D	•	•	
A8	1997 - 1999	AKJ	3.7	C,D	•	•	
A8	1998 - 2003	AQG	3.7	C,D	•	•	
A8	2003 - 2009	BFL	3.7	C,D	•	•	
A8	2003 - 2009	ASE	4	C	•	•	
A8	1994 - 1998	ABZ	4.2	C,D	•	•	
A8	1994 - 1997	AEM	4.2	C,D	•	•	
A8	1995 - 1999	AGH	4.2	C,D	•	•	
A8	1995 - 1998	AHC	4.2	C,D	•	•	
A8	1999 - 2000	AKB	4.2	C,D	•	•	
A8	1997 - 1999	AKG	4.2	C,D	•	•	
A8	1998 - 2003	AQF	4.2	C,D	•	•	
A8	2002 - 2003	AQH	4.2	C,D	•	•	
A8	1999 - 2003	ARU	4.2	C,D	•	•	
A8	2000 - 2003	AUW	4.2	C,D	•	•	
A8	2000 - 2003	AUX	4.2	C,D	•	•	
A8	2000 - 2000	AVN	4.2	C,D	•	•	
A8	2002 - 2003	AVP	4.2	C,D	•	•	
A8	2002 - 2003	AYS	4.2	C,D	•	•	
A8	2002 - 2003	BCS	4.2	C,D	•	•	
A8	2005 - 2005	BAR	4.2	C	•	•	
A8	2009 - 2009	BGK	4.2	C	•	•,T	
A8	2003 - 2009	BFM	4.2	C,D	•	•,T	
A8	2009 - 2009	BVN	4.2	C	•	•	
A8	2009 - 2009	BVJ	4.2	C	•	•	
A8	2010 - 2013	CDRA	4.2	C	•	•	
A8	2010 - 2013	CDSA	4.2	C	•	•	
A8	2009 - 2009	BSM	5.2	C	•	•	
A8	2001 - 2003	AZC	6	C,D	•	•	
A8	2004 - 2009	BHT	6	C	•	•	
A8	2005 - 2009	BTE	6	C	•	•	
A8	2009 - 2013	CJBA	2.8L FSI	C	•	•,T	
A8	2009 - 2013	CCAA	2.8L FSI	C	•	•,T	
Allroad Quattro	2000 - 2003	AFB	2.5	C,D	•	•	
Allroad Quattro	2000 - 2003	AKE	2.5	C,D	•	•	
Allroad Quattro	2003 - 2003	AKN	2.5	C,D	•	•	
Allroad Quattro	2003 - 2003	AYM	2.5	C,D	•	•	
Allroad Quattro	2003 - 2003	BFC	2.5	C,D	•	•	
Allroad Quattro	2001 - 2003	APB	2.7	C,D	•	•,T	
Allroad Quattro	2000 - 2003	ARE	2.7	C,D	•	•,T	
Allroad Quattro	2002 - 2003	BAS	4.2	C,D	•	•	
Allroad Quattro	2002 - 2003	BAT	4.2	C,D	•	•	
Cabrio	1997 - 1999	ADP	1.6	C,D	•	•	
Cabrio	1997 - 2001	ADR	1.8	C,D	•	•	
Cabrio	1995 - 1997	1Z	1.9	C,D	•	•	
Cabrio	1996 - 2001	AHU	1.9	C,D	•	•	
Cabrio	1993 - 1999	ABK	2	C,D	•	•	
Cabrio	1995 - 1997	ACE	2	C,D	•	•	
Cabrio	1991 - 1994	NG	2.3	C,D	•	•	
Cabrio	1994 - 2001	ABC	2.6	C,D	•	•	
Cabrio	1995 - 1999	ACZ	2.6	C,D	•	•	
Cabrio	1992 - 1996	AAH	2.8	C,D	•	•	
Cabrio	1993 - 1997	AFC	2.8	C,D	•	•	
Coupe	1986 - 1987	DS	1.8	C,D	•	•	

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertia Body Return, JA: Jumper or Type Sens Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

AUDI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Coupe	1986 - 1987	JV	1.8	C,D	•	•	
Coupe	1986 - 1987	SF	1.8	C,D	•	•	
Coupe	1986 - 1991	DZ	1.8	C,D	•	•	
Coupe	1986 - 1987	JN	1.8	C,D	•	•	
Coupe	1986 - 1987	PV	1.8	C,D	•	•	
Coupe	1986 - 1987	JL	2	C,D	•	•	
Coupe	1986 - 1986	SK	2	C,D	•	•	
Coupe	1989 - 1990	3A	2	C,D	•	•	
Coupe	1992 - 1992	6A	2	C,D	•	•	
Coupe	1990 - 1991	AAD	2	C,D	•	•	
Coupe	1991 - 1995	ABK	2	C,D	•	•	
Coupe	1992 - 1996	ACE	2	C,D	•	•	
Coupe	1989 - 1991	NM	2	C,D	•	•	
Coupe	1986 - 1987	HY	2.2	C,D	•	•	
Coupe	1986 - 1991	KV	2.2	C,D	•	•	
Coupe	1986 - 1987	KX	2.2	C,D	•	•	
Coupe	1994 - 1996	ABY	2.2	C,D	•	•	
Coupe	1986 - 1994	NG	2.3	C,D	•	•	
Coupe	1988 - 1989	7A	2.3	C,D	•	•	
Coupe	1990 - 1992	7A	2.3	C,D	•	•	
Coupe	1992 - 1996	ABC	2.6	C,D	•	•	
Coupe	1993 - 1996	ACZ	2.6	C,D	•	•	
Coupe	1991 - 1996	AAH	2.8	C,D	•	•	
Coupe	1988 - 1991	NM	2	C,D	•	•	
Coupe	1986 - 1987	HY	2.2	C,D	•	•	
Coupe	1986 - 1991	KV	2.2	C,D	•	•	
Coupe	1986 - 1987	JT	2.2	C,D	•	•	
Coupe	1990 - 1992	3B	2.2	C,D	•	•	
Coupe	1992 - 1996	ABY	2.2	C,D	•	•	
Coupe	1990 - 1996	AAR	2.3	C,D	•	•	
Coupe	1986 - 1994	NG	2.3	C,D	•	•	
Coupe	1988 - 1989	7A	2.3	C,D	•	•	
Coupe	1990 - 1992	7A	2.3	C,D	•	•	
Coupe	1992 - 1996	ABC	2.6	C,D	•	•	
Coupe	1991 - 1996	AAH	2.8	C,D	•	•	
Quattro	1986 - 1987	GV	2.2	C,D	•	•	
Quattro	1986 - 1989	WX	2.2	C,D	•	•	
Quattro	1987 - 1989	MB	2.3	C,D	•	•	
Quattro	1989 - 1991	RR	2.3	C,D	•	•	
RS2	1994 - 1995	ADU	2.2	C,D	•	•	
S2 Coupe	1990 - 1992	3B	2.2	C,D	•	•	
S2 Coupe	1992 - 1996	ABY	2.2	C,D	•	•	
S3	2000 - 2003	AMK	1.8	C,D	•	•	
S3	1998 - 2001	APY	1.8	C,D	•	•	
S3	2002 - 2003	BAM	1.8	C,D	•	•,T,E	
S4	1991 - 1994	AAN	2.2	C,D	•	•	
S4	1997 - 2003	AGB	2.7	C,D	•	•	
S4	1998 - 2001	APB	2.7	C,D	•	•,T	
S4	2000 - 2003	ASJ	2.7	C,D	•	•	
S4	2000 - 2001	AZB	2.7	C,D	•	•,T	
S4	2000 - 2003	AZR	2.7	C,D	•	•	
S4	1992 - 1994	ABH	4.2	C,D	•	•	
S6	1994 - 1998	AAN	2.2	C,D	•	•	
S6	1994 - 1998	AEC	4.2	C,D	•	•	
S6	1996 - 1998	AHK	4.2	C,D	•	•	
S6	2000 - 2003	ANK	4.2	C,D	•	•	
S6	2000 - 2003	ASG	4.2	C,D	•	•	
S6	1999 - 2003	AQJ	4.2	C,D	•	•	
S6	2002 - 2003	ARS	4.2	C,D	•	•	

AUDI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
S6	2002 - 2003	AWN	4.2	C,D	•	•	
S6	2002 - 2003	BBD	4.2	C,D	•	•	
S8	1995 - 1999	AHC	4.2	C,D	•	•	
S8	1997 - 1999	AKH	4.2	C,D	•	•	
S8	1999 - 2003	AQH	4.2	C,D	•	•	
S8	2000 - 2003	AVP	4.2	C,D	•	•	
S8	2000 - 2003	AYS	4.2	C,D	•	•	
S8	2001 - 2003	BCS	4.2	C,D	•	•	
S8	2002 - 2003	AZC	6	C,D	•	•	
Sport Quattro	1986 - 1987	KW	2.1	C,D	•	•	
TT	2009 - 2013	BWA	2	C,D	•	•,T,E	
TT	2009 - 2009	BVP	1.8	C	•	•,T,E	
TT	1998 - 2003	AJQ	1.8	C,D	•	•	
TT	2009 - 2009	BVR	1.8	C	•	•,T,E	
TT	2000 - 2003	AMU	1.8	C,D	•	•	
TT	1998 - 2003	APP	1.8	C,D	•	•	
TT	1998 - 2003	APX	1.8	C,D	•	•	
TT	2000 - 2009	ARY	1.8	C,D	•	•	
TT	1999 - 2000	ATC	1.8	C,D	•	•	
TT	2001 - 2009	AUM	1.8	C,D	•	•	
TT	2000 - 2009	AUQ	1.8	C,D	•	•,T,E	
TT	2000 - 2005	AWP	1.8	C,D	•	•	
TT	2000 - 2009	BAM	1.8	C,D	•	•,T,E	
TT	2003 - 2005	BEA	1.8	C,D	•	•	
TT	2005 - 2009	BFV	1.8	C	•	•,T,E	
TT	2003 - 2009	BHE	3.2	C,D	•	•,T	
TT	2005 - 2009	BPF	3.2	C	•	•,T	
TT	2009 - 2013	CPBA	1.8 TFSI	C,D	•	•,T,E	
TT	2011 - 2013	CDA	1.8 TFSI	C,D	•	•,T,E	
TT	2011 - 2013	BZB	1.8 TFSI	C	•	•,T	
TT	2009 - 2013	CCZA	2.0L TFSI	C	•	•,T,E	
TT	2009 - 2013	CDLA	2.0L TFSI	C	•	•,T,E	
TT	2009 - 2013	CDLB	2.0L TFSI	C	•	•,T,E	
TT	2009 - 2013	CBBB	2.0L TDI-CR	C,D	•	•,I	
V8	1988 - 1991	PT	3.6	C,D	•	•	
V8	1991 - 1993	ABH	4.2	C,D	•	•	
Q7	2008 - 2013	BAR	4.2	C	•	•	
Q7	2008 - 2013	BTR	4.2	C,D	•	•	
Q7	2008 - 2009	BLV	3.6	C	•	•	
Q7	2008 - 2013	BHK	3.6	C	•	•	
Q7	2008 - 2013	CASA	3	C,D	•	•	
Q7	2008 - 2013	CASB	3	C,D	•	•	
Q7	2008 - 2013	CCMA	3	C,D	•	•	
Q7	2008 - 2013	CJTC	3	C	•	•	
Q7	2008 - 2013	CJTD	3	C	•	•	
Q7	2008 - 2013	CNA	3	C	•	•	
Q7	2008 - 2009	BKS	3	C	•	•,P	
Q7	2008 - 2013	BUG	3	C,D	•	•	
Q7	2008 - 2013	BUN	3	C,D	•	•,P	
Q7	2008 - 2009	BMK	3	C,D	•	•,P	
Q7	2008 - 2009	APB	2.7	C	•	•,T	
Q7	2008 - 2009	ARE	2.7	C	•	•,T	
Q7	2008 - 2009	AZA	2.7	C	•	•,T	
Q7	2008 - 2009	AZB	2.7	C	•	•,T	
Q7	2008 - 2009	BEL	2.7	C	•	•,T	
Q7	2008 - 2009	BES	2.7	C	•	•,T	
Q5	2009 - 2013	CAHA	2.0 L TDI	C,D	•	•,I,P	
Q5	2009 - 2013	CAHB	2.0 L TDI	C,D	•	•,I,P	
Q5	2008 - 2013	CAGB	2.0LTDI	C,D	•	•,I,P	

Key for Special Functions: BB: Brake Blend, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, JA: Jumper or Type Semi Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Engine Management Applications

AUDI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Q5	2008 - 2013	CAGA	2.0LTDI	C,D	•	•,I,P	
Q5	2008 - 2013	CDNC	2.0LTDI	C,D	•	•,I,P	
Q5	2009 - 2013	CCWA	3.0 L TDI	C,D	•	•,I,P	
Q5	2009 - 2013	CCWB	3.0 L TDI	C,D	•	•,I,P	
Q5	2009 - 2013	CAUA	4.2 L FSI	C		•	
A3	2011 - 2013	CFGB	2.0L TDI-CR	C,D	•	•,I	
A3	2011 - 2013	CFFA	2.0L TDI-CR	C,D	•	•,I	
A3	2011 - 2013	CEPA	2.5	C,D	•		
A4(8K)	2011 - 2013	CDZA	2.0L FSI	C,D	•		
A4(8K)	2011 - 2013	CAEA	2.0L FSI	C	•		
A4(8K)	2011 - 2013	CADA	2.0L FSI	C	•		
A4(8K)	2011 - 2013	CPMA	2.0L FSI	C	•		
A4(8K)	2011 - 2013	CGLD	2.0LTDI	C,D	•	•,I,P	
A4(8K)	2011 - 2013	CGLC	2.0LTDI	C,D	•	•,I,P	
A4(8K)	2011 - 2013	CJCB	2.0LTDI	C	•	•,I,P	
A4(8K)	2011 - 2013	CJCA	2.0LTDI	C	•	•,I,P	
A4(8K)	2011 - 2013	CMEA	2.0LTDI	C	•	•,I,P	
A5	2011 - 2013	CAKA	3.0LFSI	C	•	•	
A5	2011 - 2013	CFSA	4.2L FSI	C	•	•,T	
Q5	2011 - 2013	CADA	2.0LFSI	C,D	•	•,T	
Q5	2011 - 2013	CDNA	2.0LFSI	C,D	•	•,T	
Q5	2011 - 2013	CDNB	2.0LFSI	C,D	•	•,T	
Q5	2011 - 2013	CDZA	2.0LFSI	C,D	•	•,T	

Key for Special Functions: Bb- Brake Bleed, BSS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, Jk- Jumper or Jumper Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Airbag

AUDI			
System	Codes/ Data	Actuator Tests	Special Functions
AIR_VW8_1	C,D	•	•
AIR_VW_9_4	C,D	•	•
AIR_VW8	C,D	•	•
AIR_VW8.0	C,D	•	•
AIR_UDS	C,D	•	•
EV_AirbaVW20TS6VW48X	C,D	•	•
AIRAU1042	C,D	•	•
VW10Airbag 009	C,D	•	•
VW10Airbag 010	C,D	•	•
AIR_VW20	C,D	•	•
AIR_VW-AU10	C,D	•	•
VW10Airbag00M H06	C,D	•	•
AIR_VW10	C,D	•	•
AIR_VW51	C,D	•	•
AIR_VW52	C,D	•	•

## Antilock Brakes

AUDI			
System	Codes/ Data	Actuator Tests	Special Functions
ABS 20 IE CAN	C,D		•
ABS 30 IE CAN	C,D		•
ABS 5.3 front	C,D		•
ABS 5.7 front	C,D		•
ABS Bosch 5	C,D		•
ABS Front MK60	C,D		•,S,B
ABS ITTAE 20 GI	C,D		•,S
ABS Teves 04	C		•,S
ABS/ASR 5.3 front	C,D		•,S
ABS/EDS 20 IE CAN	C,D		•,S
ABS/EDS 5.3	C,D		•,S
ABS/EDS 5.3 front	C,D		•,S
ABS/EDS 5.3 Quattro	C,D		•,S
ABS/EDS Bosch 5	C,D		•,S
ABS/EDS ITTAE 20 GI	C,D		•,S
ABS/EDS Teves 02	C		•,S
ABS/EDS Teves 04	C		•,S
ABS/ESP Allrad	C,D		•,S
ABS/ESP Front	C,D		•,S
ASR 20 IE CAN	C,D		•,S
ASR Front MK60	C,D		•,S
Bremson-Elektronik	C		•,S
ESP 20 CAN	C,D		•,S
ESP 5.3 T4 front	C,D		•,S
ESP 5.7 Allrad	C,D		•,S
ESP 5.7 Front	C,D		•,S
ESP 5.7 RS	C,D		•,S
ESP Allrad MK60	C,D		•,S,B
ESP Front MK60	C,D		•,S,B
ESP8.0	C,D	•	•,S
ABS23	C,D	•	•,S
ESP_MK25	C,D	•	•,S,B
UDS ABS(General)	C,D		•



## Antilock Brakes Continued

AUDI			
System	Codes/ Data	Actuator Tests	Special Functions
UDS MK25A	C,D		•
UDS MK60EC1	C,D		•
EBC 460 ESP H08	C,D		•,S
EV_Brake1UDSContiMK100	C,D		•,S
ESP Premium H09 0250	C,D		•,S
ESP MK25A XT	C,D		•,S
ESP MK60EC	C,D		•,S
ABS MK70	C,D		•,S

## Auto Transmission

AUDI			
System	Codes/ Data	Actuator Tests	Special Functions
ABS 20 IE CAN	C,D		•
ABS 30 IE CAN	C,D		•
ABS 5.3 front	C,D		•
ABS 5.7 front	C,D		•
ABS Bosch 5	C,D		•
ABS Front MK60	C,D		•,S,B
ABS ITTAE 20 GI	C,D		•,S
ABS Teves 04	C		•,S
ABS/ASR 5.3 front	C,D		•,S
ABS/EDS 20 IE CAN	C,D		•,S
ABS/EDS 5.3	C,D		•,S
ABS/EDS 5.3 front	C,D		•,S
ABS/EDS 5.3 Quattro	C,D		•,S
ABS/EDS Bosch 5	C,D		•,S
ABS/EDS ITTAE 20 GI	C,D		•,S
ABS/EDS Teves 02	C		•,S
ABS/EDS Teves 04	C		•,S
ABS/ESP Allrad	C,D		•,S
ABS/ESP Front	C,D		•,S
ASR 20 IE CAN	C,D		•,S
ASR Front MK60	C,D		•,S
Bremson-Elektronik	C		•,S
ESP 20 CAN	C,D		•,S
ESP 5.3 T4 front	C,D		•,S
ESP 5.7 Allrad	C,D		•,S
ESP 5.7 Front	C,D		•,S
ESP 5.7 RS	C,D		•,S
ESP Allrad MK60	C,D		•,S,B
ESP Front MK60	C,D		•,S,B
ESP8.0	C,D		•,S
ABS23	C,D		•,S
ESP_MK25	C,D		•,S,B
UDS ABS(General)	C,D		•
UDS MK25A	C,D		•
UDS MK60EC1	C,D		•
EBC 460 ESP H08	C,D		•,S
EV_Brake1UDSContiMK100	C,D		•,S
ESP Premium H09 0250	C,D		•,S
ESP MK25A XT	C,D		•,S
ESP MK60EC	C,D		•,S
ABS MK70	C,D		•,S

## Instrument Panel

AUDI				
System	Codes/ Data	Actuator Tests	Special Functions	Base System
Codescan	C,D			Codescan
Broadcast Clear Codes	C,D			Broadcast Clear Codes
Add. Heater/Parking heater	C			Add. Heater/Parking heater
Electronic Door Module Driver	C,D	•	•	Electronic Door Module Driver
Electronic Door Module Passenger	C,D	•	•	Electronic Door Module Passenger
Electronic Door Module Rear Left	C,D	•		Electronic Door Module Rear Left
Electronic Door Module Rear Right	C,D	•		Electronic Door Module Rear Right
Air-conditioning	C,D	•	•	Air-conditioning
Alarm system interior	C			Alarm system interior
Anti slip control	C		•	Anti slip control
Audio system	C			Audio system
Auto light switch	C		•	Auto light switch
Back spoiler	C			Back spoiler
Can bus interface	C,D	•	•	Can bus interface
Central door lock system	C	•		Central door lock system
Central Electronic Unit	C			Central Electronic Unit
Clutch electronics	C			Clutch electronics
Comfort systems	C,D	•	•	Comfort systems
Distance control	C			Distance control
Electronic level control	C			Electronic level control
Electronic roof control	C			Electronic roof control
Emergency unit	C			Emergency unit
Immobiliser	C,D	•	•	Immobiliser
Lever control xenon lights	C	•	•	Lever control xenon lights
Light control left	C			Light control left
Light control right	C			Light control right
Navigation system	C		•	Navigation system
Parking help	C,D			Parking help
Radio	C,D			Radio
Seat adjustment driver's side	C			Seat adjustment driver's side
Seat & mirror adjustment	C			Seat & mirror adjustment
Speech control	C			Speech control
Steering help	C		•	Steering help
Steering wheel electronics	C,D		•	Steering wheel electronics
Suspension electronics	C,D	•	•	Suspension electronics
Tyre pressure monitoring	C,D	•	•	Tyre pressure monitoring
4WD Electronics	C			4WD Electronics
Auxiliary Heater	C,D			Auxiliary Heater
Start Authorisation/Kessey	C,D		•	Start Authorisation/Kessey
Battery Management	C,D		•	Battery Management
Park Assist II	C	•	•	Park Assist II
Wiper Electronics	C	•		Wiper Electronics
Digital Radio	C,D		•	Digital Radio
Electronic Parking Brake	C		•	Electronic Parking Brake
Electronic Trailer Coupling	C,D		•	Electronic Trailer Coupling
6K-Kombiinstrument VDO			•	Service Interval Reset
A4-Kombiinstrument VDO			•	Service Interval Reset
AB-Kombiinstrument VDO			•	Service Interval Reset
B5-Kombiinstrument M73			•	Service Interval Reset
B5-Kombiinstrument VDO			•	Service Interval Reset
C5-Kombiinstrument VDO			•	Service Interval Reset
D2-Kombiinstrument VDO			•	Service Interval Reset
S5-Kombiinstrument VDO			•	Service Interval Reset
T4-Kombiinstrument VDO			•	Service Interval Reset
W1-Kombiinstrument VDO			•	Service Interval Reset
Kombi+Wegfahrsp. B00			•	Service Interval Reset
Kombi+Wegfahrsp. M73			•	Service Interval Reset
Kombi+Wegfahrsp. MM0			•	Service Interval Reset

## Instrument Panel Continued

AUDI				
System	Codes/ Data	Actuator Tests	Special Functions	Base System
Kombi+Wegfahrsp. MM4			•	Service Interval Reset
Kombi+Wegfahrsp. RB4			•	Service Interval Reset
Kombi+Wegfahrsp. RB8			•	Service Interval Reset
Kombi+Wegfahrsp. TRW			•	Service Interval Reset
Kombi+Wegfahrsp. VDO			•	Service Interval Reset
Kombiinstrument B00			•	Service Interval Reset
Kombiinstrument MM0			•	Service Interval Reset
Kombiinstrument TRW			•	Service Interval Reset
Kombiinstrument VDO			•	Service Interval Reset
UDS PROTOCOL Kombi			•	Service Interval Reset
Kombi_UDS_VDD_AU10			•	Service Interval Reset
KombiUDSRBWW526			•	Service Interval Reset
EV_DashBoardVDDMQBAB			•	Service Interval Reset
EV_R8D4K			•	Service Interval Reset

## Other

AUDI				
System	Codes/ Data	Actuator Tests	Special Functions	Base System
Add. Heater/Parking heater	C			Add. Heater/Parking heater
Electronic Door Module Driver	C,D	•	•	Electronic Door Module Driver
Electronic Door Module Passenger	C,D	•	•	Electronic Door Module Passenger
Electronic Door Module Rear Left	C,D	•		Electronic Door Module Rear Left
Electronic Door Module Rear Right	C,D	•		Electronic Door Module Rear Right
Air-conditioning	C,D		•	Air-conditioning
Alarm system interior	C			Alarm system interior
Anti slip control	C		•	Anti slip control
Audio system	C			Audio system
Auto light switch	C		•	Auto light switch
Back spoiler	C			Back spoiler
Can bus interface	C,D	•	•	Can bus interface
Central door lock system	C	•		Central door lock system
Central Electronic Unit	C			Central Electronic Unit
Clutch electronics	C			Clutch electronics
Comfort systems	C,D	•	•	Comfort systems
Distance control	C			Distance control
Electronic level control	C			Electronic level control
Electronic roof control	C			Electronic roof control
Emergency unit	C			Emergency unit
Immobiliser	C,D		•	Immobiliser
Lever control xenon lights	C	•	•	Lever control xenon lights
Light control left	C			Light control left
Light control right	C			Light control right
Navigation system	C		•	Navigation system
Parking help	C			Parking help
Radio	C,D			Radio
Seat adjustment driver's side	C			Seat adjustment driver's side
Seat & mirror adjustment	C			Seat & mirror adjustment
Speech control	C			Speech control
Steering help	C		•	Steering help
Steering wheel electronics	C,D		•	Steering wheel electronics
Suspension electronics	C	•	•	Suspension electronics
Tyre pressure monitoring	C		•	Tyre pressure monitoring

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, L- Inertia Body Return, JA- Jumper/Type Semi Auto, \*- Other (see table on page 263) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Other Continued

System	Codes/ Data	Actuator Tests	Special Functions	Base System
4WD Electronics	C			4WD Electronics
Auxiliary Heater	C			Auxiliary Heater
Start Authorisation/Kessey	C		•	Start Authorisation/Kessey
Battery Management	C		•	Battery Management
Park Assist II	C	•	•	Park Assist II
Wiper Electronics	C	•		Wiper Electronics
Digital Radio	C,D		•	Digital Radio
Electronic Parking Brake	C		•	Electronic Parking Brake
Electronic Trailer Coupling	C,D		•	Service Interval Reset
6K-Kombiinstrument VDO			•	Service Interval Reset
A4-Kombiinstrument VDO			•	Service Interval Reset
AB-Kombiinstrument VDO			•	Service Interval Reset
B5-Kombiinstrument M73			•	Service Interval Reset
B5-Kombiinstrument VDO			•	Service Interval Reset
C5-Kombiinstrument VDO			•	Service Interval Reset
D2-Kombiinstrument VDO			•	Service Interval Reset
S5-Kombiinstrument VDO			•	Service Interval Reset
T4-Kombiinstrument VDO			•	Service Interval Reset
W1-Kombiinstrument VDO			•	Service Interval Reset
Kombi+Wegfahrsp. B00			•	Service Interval Reset
Kombi+Wegfahrsp. M73			•	Service Interval Reset
Kombi+Wegfahrsp. MM0			•	Service Interval Reset
Kombi+Wegfahrsp. MM4			•	Service Interval Reset
Kombi+Wegfahrsp. RB4			•	Service Interval Reset
Kombi+Wegfahrsp. RB8			•	Service Interval Reset
Kombi+Wegfahrsp. TRW			•	Service Interval Reset
Kombi+Wegfahrsp. VDO			•	Service Interval Reset
Kombiinstrument B00			•	Service Interval Reset
Kombiinstrument MM0			•	Service Interval Reset
Kombiinstrument TRW			•	Service Interval Reset
Kombiinstrument VDO			•	Service Interval Reset
UDS PROTOCOL Kombi			•	Service Interval Reset
Kombi_UDS_VDD_AU10			•	Service Interval Reset

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Fl Wheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, I- Inertia Body Return, JA- Jumper or Type Sem Auto, \*- Other (see table on page 263) Dark grey lines indicate new content at 1,4, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

BMW/MINI								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
1-Series (E87)	2003 - 2009	204D4	2.0L Diesel	DDE 6	C/D	•	•,I,P	
1-Series (E87)	2003 - 2012	N45B16A	1.6L Petrol	ME9.2	C/D	•		
1-Series (E87)	2003 - 2012	N46B20B	2.0L Petrol	MEV9.2	C/D	•	•	
1-Series (E87)	2003 - 2012	N46B20E	2.0L Petrol	MEV9.2	C/D	•	•	
1-Series (E87)	2003 - 2012	N52B30A	3.0L Petrol	MSV70	C/D	•	•	
1-Series (E87)	2003 - 2012	N52B30A	3.0L Petrol	MSV80	C/D	•	•	
1-Series (E87)	2007 - 2007	N47D20B	2.0L Diesel	DDE 7.2	C/D	•	•,I,P	
1-Series (E87)	2007 - 2009	N47D20A	2.0L Diesel	DDE 7.1	C/D	•	•,I,P	
1-Series (E87)	2007 - 2009	N47D20A	2.0L Diesel	DDE 7.2	C/D	•	•,I,P	
1-Series (E87)	2007 - 2013	N43B16A	1.6L Petrol	MSD 802	C/D	•	•	
1-Series (E87)	2007 - 2013	N43B16A	1.6L Petrol	MSV 801	C/D	•	•	
1-Series (E87)	2007 - 2013	N43B20A	2.0L Petrol	MSD 802	C/D	•	•	
1-Series (E87)	2007 - 2013	N43B20A	2.0L Petrol	MSV 801	C/D	•	•	
1-Series (E87)	2007 - 2013	N45B16A	1.6L Petrol	ME17.2	C/D	•	•	
1-Series (E87)	2007 - 2013	N46B20B	2.0L Petrol	MEV17.2	C/D	•	RA	
1-Series (E87)	2007 - 2013	N46B20E	2.0L Petrol	MEV17.2	C/D	•	RA	
1-Series (E87)	2007 - 2013	N47D20B	2.0L Diesel	DDE 7.1	C/D	•	•,I,P	
1-Series (E87)	2007 - 2013	N52B30A	3.0L Petrol	MSD 802	C/D	•	RA	
1-Series (E87)	2007 - 2013	N52B30A	3.0L Petrol	MSV 801	C/D	•	RA	
1-Series (E87)	2007 - 2013	N54B30A	3.0L Petrol	MSD 802	C/D	•	RA	
1-Series (E87)	2007 - 2013	N54B30A	3.0L Petrol	MSV 801	C/D	•	RA	
1-Series (E87)	2008 - 2013	N47D20C	2.0L Diesel	DDE 7.1	C/D	•	•,I,P	
1-Series (E87)	2009 - 2013	N47D20C	2.0L Diesel	DDE 7.2	C/D	•	•,I,P	
1-Series (E87)	2013 - 2013	N55B30A	3.0L Petrol	MEVD17.2	C/D	•	•	
1-Series (F20)	2011 - 2013	N13B16A	1.6L Petrol	MEVD1725	C/D	•	RA	
1-Series (F20)	2011 - 2013	N20B20A	2.0L Petrol	MEVD1724	C/D	•	RA	
1-Series (F20)	2011 - 2013	N47D20C	2.0L Diesel	DDE7.2	C/D	•	•	
1-Series (F20)	2011 - 2013	N47D20D	2.0L Diesel	DDE7.31	C/D	•	•	
1-Series (F20)	2012 - 2013	N47D16C	1.6L Diesel	DDE7.2	C/D	•	•	
1-Series (F20)	2013 - 2013	N47D16A	1.6L Diesel	D70B7A0	C/D	•	•	
1-Series (F20)	2013 - 2013	N47D16A	1.6L Diesel	DDE7.2	C/D	•	•	
1-Series (F20)	2013 - 2013	N47D16C	1.6L Diesel	D70B7A0	C/D	•	•	
1-Series (F20)	2013 - 2013	N47D20C	2.0L Diesel	D70B7A0	C/D	•	•	
1-Series (F20)	2013 - 2013	N47D20D	2.0L Diesel	D70B7A0	C/D	•	•	
1-Series (F20)	2013 - 2013	N55B30A	3.0L Petrol	MEVD1726	C/D	•	RA	
3-Series (E30)	1992 - 1992	184S1	1.8L Petrol	M1.7	C/D	•	•	
3-Series (E30)	1992 - 1993	206KA	2.0L Petrol	M1.3	C/D	•	•	
3-Series (E30)	1992 - 1993	246TB	2.4L Diesel	DDE 1.1.2	C/D	•	•	
3-Series (E30)	1992 - 1993	246TB	2.4L Diesel	DDE 1.2.1	C/D	•	•	
3-Series (E30)	1992 - 1993	256K1	2.5L Petrol	M1.1	C/D	•	•	
3-Series (E30)	1992 - 1993	256K1	2.5L Petrol	M1.3	C/D	•	•	
3-Series (E30)	1992 - 1995	164E1	1.6L Petrol	M1.3	C/D	•	•	
3-Series (E30)	1992 - 1995	184E1	1.8L Petrol	M1.3	C/D	•	•	
3-Series (E36)	1992 - 1992	256S1	2.5L Petrol	M3.1 TYPE 1	C/D	•	•	
3-Series (E36)	1992 - 1992	256S1	2.5L Petrol	M3.1 TYPE 2	C/D	•	•	
3-Series (E36)	1992 - 1993	206S1	2.0L Petrol	M3.1 TYPE 1	C/D	•	•	
3-Series (E36)	1992 - 1993	206S1	2.0L Petrol	M3.1 TYPE 2	C/D	•	•	
3-Series (E36)	1992 - 1993	206S1	2.0L Petrol	MS40.0	C/D	•	•	
3-Series (E36)	1992 - 1993	206S1	2.0L Petrol	MS40.1	C/D	•	•	
3-Series (E36)	1992 - 1994	164E1	1.6L Petrol	M1.3	C/D	•	•	
3-Series (E36)	1992 - 1994	184E1	1.8L Petrol	M1.7 L/R	C/D	•	•	
3-Series (E36)	1992 - 1995	206S2	2.0L Petrol	M3.1 TYPE 1	C/D	•	•	
3-Series (E36)	1992 - 1995	206S2	2.0L Petrol	M3.1 TYPE 1	C/D	•	•	
3-Series (E36)	1992 - 1995	206S2	2.0L Petrol	M3.1 TYPE 2	C/D	•	•	
3-Series (E36)	1992 - 1996	256S2	2.5L Petrol	M3.3.1 MODEL 93.5	C/D	•	•	
3-Series (E36)	1992 - 1997	306S1	3.0L Petrol	M3.3 (6 CYL)	C/D	•	•	

BMW/MINI								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
3-Series (E36)	1992 - 1997	306S2	3.0L Petrol	M3.3.1	C/D	•	•	
3-Series (E36)	1992 - 1998	184S1	1.8L Petrol	M1.7	C/D	•	•	
3-Series (E36)	1992 - 2000	256T1	2.5L Diesel	DDE2	C/D	•	•	
3-Series (E36)	1992 - 2000	256T1L	2.5L Diesel	DDE2	C/D	•	•	
3-Series (E36)	1993 - 1993	174T1	1.7L Diesel	DDE2	C/D	•	•	
3-Series (E36)	1993 - 1996	246S1	2.4L Petrol	M3.3.1 MODEL 93.5	C/D	•	•	
3-Series (E36)	1993 - 1999	164E2	1.6L Petrol	BMS43	C/D	•	•	
3-Series (E36)	1993 - 2000	174T1	1.7L Diesel	DDE2	C/D	•	•	
3-Series (E36)	1993 - 2000	184E2	1.8L Petrol	M1.7.3	C/D	•	•	
3-Series (E36)	1993 - 2000	194S1	1.9L Petrol	MS.2	C/D	•	•	
3-Series (E36)	1994 - 1994	206S2	2.0L Petrol	MS.2	C/D	•	•	
3-Series (E36)	1994 - 2000	206S3	2.0L Petrol	MS41	C/D	•	•	
3-Series (E36)	1995 - 1996	184E2	1.8L Petrol	M1.7.2	C/D	•	•	
3-Series (E36)	1995 - 1996	184E2	1.8L Petrol	M1.7.3	C/D	•	•	
3-Series (E36)	1995 - 1999	246S2	2.4L Petrol	MS41.0	C/D	•	•	
3-Series (E36)	1995 - 2000	256S3	2.5L Petrol	MS41	C/D	•	•	
3-Series (E36)	1995 - 2000	286S1	2.8L Petrol	MS41	C/D	•	•	
3-Series (E36)	1995 - 2000	326S1	3.2L Petrol	MSS50	C/D	•	•	
3-Series (E36)	1995 - 2000	326S2	3.2L Petrol	MS41.2	C/D	•	•	
3-Series (E36)	1998 - 2000	194E1	1.9L Petrol	BMS46	C/D	•	•	
3-Series (E46)	1997 - 1999	206S4	2.0L Petrol	MS42B	C/D	•	•	
3-Series (E46)	1997 - 2000	194E1	1.9L Petrol	BMS46	C/D	•	•	
3-Series (E46)	1997 - 2000	256S4	2.5L Petrol	MS42A	C/D	•	•	
3-Series (E46)	1997 - 2000	256S4	2.5L Petrol	MS42B	C/D	•	•	
3-Series (E46)	1997 - 2000	286S2	2.8L Petrol	MS42A	C/D	•	•	
3-Series (E46)	1997 - 2000	286S2	2.8L Petrol	MS42B	C/D	•	•	
3-Series (E46)	1997 - 2003	206S4	2.0L Petrol	MS42A	C/D	•	•	
3-Series (E46)	1997 - 2005	204D1	2.0L Diesel	DDE3.0 DIESELS	C/D	•	•	
3-Series (E46)	1998 - 2000	164E3	1.6L Petrol	BMS46	C/D	•	•	
3-Series (E46)	1999 - 2005	306D1	3.0L Diesel	DDE4.0 DIESELS	C/D	•	•	
3-Series (E46)	2000 - 2000	246S3	2.4L Petrol	MS42A	C/D	•	•	
3-Series (E46)	2000 - 2003	226S2	2.2L Petrol	MS43	C/D	•	•	
3-Series (E46)	2000 - 2004	326S3	3.2L Petrol	MSS54	C/D	•	•	
3-Series (E46)	2000 - 2007	226S1	2.2L Petrol	MS43	C/D	•	•	
3-Series (E46)	2000 - 2007	256S5	2.5L Petrol	MS43	C/D	•	•	
3-Series (E46)	2000 - 2007	306S3	3.0L Petrol	MS43	C/D	•	•	
3-Series (E46)	2001 - 2001	246S3	2.4L Petrol	MS42A	C/D	•	•	
3-Series (E46)	2001 - 2001	256S4	2.5L Petrol	MS42A	C/D	•	•	
3-Series (E46)	2001 - 2001	286S2	2.8L Petrol	MS42A	C/D	•	•	
3-Series (E46)	2001 - 2003	164E3	1.6L Petrol	BMS46	C/D	•	•	
3-Series (E46)	2001 - 2003	194E1	1.9L Petrol	BMS46	C/D	•	•	
3-Series (E46)	2001 - 2005	N42B18A	1.8L Petrol	ME9	C/D	•	•	
3-Series (E46)	2001 - 2005	N42B20A	2.0L Petrol	ME9	C/D	•	•	
3-Series (E46)	2001 - 2007	204D4	2.0L Diesel	DDE5.0	C/D	•	•,I	
3-Series (E46)	2001 - 2007	326S4	3.2L Petrol	MSS54	C/D	•	•	
3-Series (E46)	2002 - 2005	N40B16A	1.6L Petrol	ME9	C/D	•	•	
3-Series (E46)	2002 - 2007	204D4	2.0L Diesel	DDE5	C/D	•	•,I	
3-Series (E46)	2002 - 2007	204D4	2.0L Diesel	DDE5.0 EU4	C/D	•	•,I,P	
3-Series (E46)	2003 - 2003	306D2	3.0L Diesel	DDE5	C/D	•	•	
3-Series (E46)	2003 - 2005	N45B16A	1.6L Petrol	ME9	C/D	•	•	
3-Series (E46)	2003 - 2007	226S1	2.2L Petrol	MS45	C/D	•	•	
3-Series (E46)	2003 - 2007	256S5	2.5L Petrol	MS45	C/D	•	•	
3-Series (E46)	2003 - 2007	306D2	3.0L Diesel	DDE5.0	C/D	•	•	
3-Series (E46)	2003 - 2007	306D2	3.0L Diesel	DDE5.0 EU4	C/D	•	•,P	
3-Series (E46)	2003 - 2007	306S3	3.0L Petrol	MS45	C/D	•	•	
3-Series (E46)	2003 - 2007	N46B18A	1.8L Petrol	MEV9.2	C/D	•	•	
3-Series (E46)	2003 - 2007	N46B20A	2.0L Petrol	MEV9.2	C/D	•	•	
3-Series (E90/E91)	2005 - 2009	204D4	2.0L Diesel	DDE 6	C/D	•	•,I,P	
3-Series (E90/E91)	2005 - 2012	N45B16A	1.6L Petrol	ME9.2	C/D	•	•	

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, I- Inertia Body Return, Jk- Jumper or Type Sensi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

BMW / MINI								
Model	Years	Engine Code	Engine Info	System	Codes / Data	Actuator Tests	Special Functions	
3-Series (E90/E91)	2005 - 2012	N46B20B	2.0L Petrol	MEV9.2	C/D	•	•	
3-Series (E90/E91)	2005 - 2012	N51B30A	3.0L Petrol	MSV80	C/D	•	•	
3-Series (E90/E91)	2005 - 2012	N52B25A	2.5L Petrol	MSV70	C/D	•	•	
3-Series (E90/E91)	2005 - 2012	N52B25A	2.5L Petrol	MSV80	C/D	•	•	
3-Series (E90/E91)	2005 - 2012	N52B30A	3.0L Petrol	MSV70	C/D	•	•	
3-Series (E90/E91)	2005 - 2012	N52B30A	3.0L Petrol	MSV80	C/D	•	•	
3-Series (E90/E91)	2005 - 2012	N53B30A	3.0L Petrol	MSV80	C/D	•	•	
3-Series (E90/E91)	2005 - 2012	N54B30A	3.0L Petrol	MSV80	C/D	•	•	
3-Series (E90/E91)	2005 - 2013	306D3	3.0L Diesel	DDE 6	C/D	•	•,I,P	
3-Series (E90/E91)	2005 - 2013	306D5	3.0L Diesel	DDE 6	C/D	•	•,I,P	
3-Series (E90/E91)	2005 - 2013	S65B40A	4.0L Petrol	MSS60	C/D	•	•	
3-Series (E90/E91)	2007 - 2007	N47D20A	2.0L Diesel	DDE 7.1	C/D	•	•,I,P	
3-Series (E90/E91)	2007 - 2007	N47D20A	2.0L Diesel	DDE 7.2	C/D	•	•,I,P	
3-Series (E90/E91)	2007 - 2009	N45B20A	2.0L Petrol	MEV9.2	C/D	•	•	
3-Series (E90/E91)	2007 - 2012	N53B30A	3.0L Petrol	MSV70	C/D	•	•	
3-Series (E90/E91)	2007 - 2013	N43B16A	1.6L Petrol	MSD 802	C/D	•	•	
3-Series (E90/E91)	2007 - 2013	N43B16A	1.6L Petrol	MSV 801	C/D	•	•	
3-Series (E90/E91)	2007 - 2013	N43B20A	2.0L Petrol	MSD 802	C/D	•	•	
3-Series (E90/E91)	2007 - 2013	N43B20A	2.0L Petrol	MSV 801	C/D	•	•	
3-Series (E90/E91)	2007 - 2013	N45B16A	1.6L Petrol	ME17.2	C/D	•	•	
3-Series (E90/E91)	2007 - 2013	N51B30A	3.0L Petrol	MSD 802	C/D	•	RA	
3-Series (E90/E91)	2007 - 2013	N51B30A	3.0L Petrol	MSV 801	C/D	•	RA	
3-Series (E90/E91)	2007 - 2013	N52B25A	2.5L Petrol	MSD 802	C/D	•	RA	
3-Series (E90/E91)	2007 - 2013	N52B25A	2.5L Petrol	MSV 801	C/D	•	RA	
3-Series (E90/E91)	2007 - 2013	N52B30A	3.0L Petrol	MSD 802	C/D	•	RA	
3-Series (E90/E91)	2007 - 2013	N52B30A	3.0L Petrol	MSV 801	C/D	•	RA	
3-Series (E90/E91)	2007 - 2013	N53B30A	3.0L Petrol	MSD 802	C/D	•	RA	
3-Series (E90/E91)	2007 - 2013	N53B30A	3.0L Petrol	MSV 801	C/D	•	RA	
3-Series (E90/E91)	2007 - 2013	N54B30A	3.0L Petrol	MSD 802	C/D	•	RA	
3-Series (E90/E91)	2007 - 2013	N54B30A	3.0L Petrol	MSV 801	C/D	•	RA	
3-Series (E90/E91)	2008 - 2013	N46B20B	2.0L Petrol	MEV17.2	C/D	•	RA	
3-Series (E90/E91)	2008 - 2013	N47D20C	2.0L Diesel	DDE 7.1	C/D	•	•,I,P	
3-Series (E90/E91)	2008 - 2013	N47D20C	2.0L Diesel	DDE 7.2	C/D	•	•,I,P	
3-Series (E90/E91)	2009 - 2013	N55B30A	3.0L Petrol	MEVD17.2	C/D	•	•	
3-Series (E90/E91)	2009 - 2013	N55B30A	3.0L Petrol	MEVD176K	C/D	•	RA	
3-Series (E90/E91)	2009 - 2013	N57D30A	3.0L Diesel	DDE7.3	C/D	•	•	
3-Series (F30)	2012 - 2013	N13B16A	1.6L Petrol	MEVD1725	C/D	•	RA	
3-Series (F30)	2012 - 2013	N20B20A	2.0L Petrol	MEVD1724	C/D	•	RA	
3-Series (F30)	2012 - 2013	N26B20A	2.0L Petrol	MEVD1724	C/D	•	RA	
3-Series (F30)	2012 - 2013	N47D20C	2.0L Diesel	DDE7.2	C/D	•	•	
3-Series (F30)	2012 - 2013	N47D20D	2.0L Diesel	DDE7.31	C/D	•	•	
3-Series (F30)	2012 - 2013	N55B30A	3.0L Hybrid	MEVD172Y	C/D	•	•	
3-Series (F30)	2012 - 2013	N55B30A	3.0L Petrol	MEVD172	C/D	•	RA	
3-Series (F30)	2012 - 2013	N55B30A	3.0L Petrol	MEVD1726	C/D	•	RA	
3-Series (F30)	2012 - 2013	N55B30A	3.0L Petrol	N55_ALP	C/D	•	•	
3-Series (F30)	2012 - 2013	N57D30A	3.0L Diesel	DDE7.2	C/D	•	•	
3-Series (F30)	2012 - 2013	N57D30A	3.0L Diesel	DDE7.3	C/D	•	•	
3-Series (F30)	2012 - 2013	N57D30A	3.0L Diesel	DDE7.31	C/D	•	•	
3-Series (F30)	2012 - 2013	N57D30A	3.0L Diesel	DDE7.31	C/D	•	•	
3-Series (F30)	2013 - 2013	N47D20C	2.0L Diesel	D70BX7A0	C/D	•	•	
3-Series (F30)	2013 - 2013	N47D20D	2.0L Diesel	D70BX7A0	C/D	•	•	
3-Series (F30)	2013 - 2013	N57D30A	3.0L Diesel	D70BX7A0	C/D	•	•	
3-Series (F30)	2013 - 2013	N57D30A	3.0L Diesel	D75BX7A0	C/D	•	•	
3-Series (F30)	2013 - 2013	N57D30B	3.0L Diesel	D70BX7A0	C/D	•	•	
3-Series (F30)	2013 - 2013	N57D30B	3.0L Diesel	D75BX7A0	C/D	•	•	
3-Series (F30)	2013 - 2013	N57D30B	3.0L Diesel	DDE7.2	C/D	•	•	

BMW / MINI								
Model	Years	Engine Code	Engine Info	System	Codes / Data	Actuator Tests	Special Functions	
3-Series (F30)	2013 - 2013	N57D30B	3.0L Diesel	DDE7.3	C/D	•	•	
3-Series (F30)	2013 - 2013	N57D30B	3.0L Diesel	DDE7.31	C/D	•	•	
3-Series GT (F34)	2013 - 2013	N20B20A	2.0L Petrol	MEVD1724	C/D	•	RA	
3-Series GT (F34)	2013 - 2013	N20B20B	2.0L Petrol	MEVD1724	C/D	•	RA	
3-Series GT (F34)	2013 - 2013	N47D20C	2.0L Diesel	D70BX7A0	C/D	•	•	
3-Series GT (F34)	2013 - 2013	N47D20C	2.0L Diesel	DDE7.2	C/D	•	•	
3-Series GT (F34)	2013 - 2013	N47D20D	2.0L Diesel	D70BX7A0	C/D	•	•	
3-Series GT (F34)	2013 - 2013	N47D20D	2.0L Diesel	DDE7.31	C/D	•	•	
3-Series GT (F34)	2013 - 2013	N55B30A	3.0L Petrol	MEVD172	C/D	•	RA	
3-Series GT (F34)	2013 - 2013	N55B30A	3.0L Petrol	MEVD1726	C/D	•	RA	
5-Series (E34)	1992 - 1992	246TB	2.4L Diesel	DDE 1.1.2	C/D	•	•	
5-Series (E34)	1992 - 1993	206KA	2.0L Petrol	M1.3	C/D	•	•	
5-Series (E34)	1992 - 1993	206S1	2.0L Petrol	M3.1 TYPE 1	C/D	•	•	
5-Series (E34)	1992 - 1993	256S1	2.5L Petrol	M3.1 TYPE 1	C/D	•	•	
5-Series (E34)	1992 - 1993	256S1	2.5L Petrol	M3.1 TYPE 2	C/D	•	•	
5-Series (E34)	1992 - 1993	366S1	3.6L Petrol	M1.2	C/D	•	•	
5-Series (E34)	1992 - 1994	184E1	1.8L Petrol	M1.3	C/D	•	•	
5-Series (E34)	1992 - 1994	306KA	3.0L Petrol	EMS 2.1	C	•	•	
5-Series (E34)	1992 - 1994	346EC	3.4L Petrol	EMS 2.1	C	•	•	
5-Series (E34)	1992 - 1994	346KB	3.4L Petrol	EMS 2.1	C/D	•	•	
5-Series (E34)	1992 - 1994	346KB	3.4L Petrol	EMS 2.1	C	•	•	
5-Series (E34)	1992 - 1996	206S2	2.0L Petrol	MS40.0	C/D	•	•	
5-Series (E34)	1992 - 1996	256S2	2.5L Petrol	M3.3.1 MODEL 93.5	C/D	•	•	
5-Series (E34)	1992 - 1996	256T1	2.5L Diesel	DDE2	C/D	•	•	
5-Series (E34)	1992 - 1996	256T1L	2.5L Diesel	DDE2	C/D	•	•	
5-Series (E34)	1992 - 1996	308S1	3.0L Petrol	M3.3 (8 CYL) TYPE 2	C/D	•	•	
5-Series (E34)	1992 - 1996	386S1	3.8L Petrol	M3.3 (6 CYL)	C/D	•	•	
5-Series (E34)	1992 - 1996	408S1	4.0L Petrol	M3.3 (8 CYL) TYPE 2	C/D	•	•	
5-Series (E34)	1993 - 1997	246S1	2.4L Petrol	M3.3.1 MODEL 93.5	C/D	•	•	
5-Series (E34)	1994 - 1996	184E2	1.8L Petrol	BMS43	C/D	•	•	
5-Series (E34)	1994 - 1996	184E2	1.8L Petrol	M1.7.2	C/D	•	•	
5-Series (E34)	1994 - 1996	184E2	1.8L Petrol	M1.7.3	C/D	•	•	
5-Series (E39)	1995 - 1999	206S3	2.0L Petrol	MS41.0	C/D	•	•	
5-Series (E39)	1995 - 1999	256S3	2.5L Petrol	MS41	C/D	•	•	
5-Series (E39)	1995 - 1999	286S1	2.8L Petrol	MS41.0	C/D	•	•	
5-Series (E39)	1995 - 2000	256T1	2.5L Diesel	DDE2.2 DIESELS	C/D	•	•	
5-Series (E39)	1995 - 2000	256T1L	2.5L Diesel	DDE2.2 DIESELS	C/D	•	•	
5-Series (E39)	1995 - 2001	256T1	2.5L Diesel	DDE2.1 AM DIESELS	C/D	•	•	
5-Series (E39)	1995 - 2001	256T1	2.5L Diesel	DDE2.1 DIESELS	C/D	•	•	
5-Series (E39)	1995 - 2001	256T1L	2.5L Diesel	DDE2.1 AM DIESELS	C/D	•	•	
5-Series (E39)	1995 - 2001	256T1L	2.5L Diesel	DDE2.1 DIESELS	C/D	•	•	
5-Series (E39)	1996 - 1998	448S1	4.4L Petrol	M5.2	C/D	•	•	
5-Series (E39)	1996 - 1999	358S1	3.5L Petrol	M5.2	C/D	•	•	
5-Series (E39)	1996 - 2001	256T1	2.5L Diesel	DDE2.2 DIESELS	C/D	•	•	
5-Series (E39)	1998 - 1999	246S3	2.4L Petrol	MS42B	C/D	•	•	
5-Series (E39)	1998 - 2000	256S4	2.5L Petrol	MS42A	C/D	•	•	
5-Series (E39)	1998 - 2000	256S4	2.5L Petrol	MS42B	C/D	•	•	
5-Series (E39)	1998 - 2000	286S2	2.8L Petrol	MS42A	C/D	•	•	
5-Series (E39)	1998 - 2000	286S2	2.8L Petrol	MS42B	C/D	•	•	
5-Series (E39)	1998 - 2002	246S3	2.4L Petrol	MS42B	C/D	•	•	
5-Series (E39)	1998 - 2004	206S4	2.0L Petrol	MS42A	C/D	•	•	
5-Series (E39)	1998 - 2004	206S4	2.0L Petrol	MS42B	C/D	•	•	
5-Series (E39)	1998 - 2004	306D1	3.0L Diesel	DDE4.0 DIESELS	C/D	•	•	
5-Series (E39)	1998 - 2004	358S2	3.5L Petrol	ME7.2	C/D	•	•	
5-Series (E39)	1998 - 2004	448S2	4.4L Petrol	ME7.2	C/D	•	•	
5-Series (E39)	1998 - 2004	508S1	5.0L Petrol	MSS52	C/D	•	•	
5-Series (E39)	1999 - 2004	306S3	3.0L Petrol	MS43	C/D	•	•	
5-Series (E39)	2000 - 2000	246S3	2.4L Petrol	MS42A	C/D	•	•	



# Engine Management Applications

BMW/MINI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
5-Series (E39)	2000 - 2004	204D1	2.0L Diesel	DDE3.0 DIESELS	C/D	•	
5-Series (E39)	2000 - 2004	226S1	2.2L Petrol	MS43	C/D	•	
5-Series (E39)	2000 - 2004	256D1	2.5L Diesel	DDE4.0 DIESELS	C/D	•	
5-Series (E39)	2001 - 2001	256S4	2.5L Petrol	MS42A	C/D	•	•
5-Series (E39)	2001 - 2001	256T1L	2.5L Diesel	DDE2.2 DIESELS	C/D	•	
5-Series (E39)	2001 - 2001	286S2	2.8L Petrol	MS42A	C/D	•	•
5-Series (E39)	2001 - 2004	256S5	2.5L Petrol	MS43	C/D	•	
5-Series (E60/E61)	2003 - 2006	306S3	3.0L Petrol	MS45	C/D	•	
5-Series (E60/E61)	2003 - 2007	226S1	2.2L Petrol	MS45	C/D	•	
5-Series (E60/E61)	2003 - 2007	256D2	2.5L Diesel	DDE 5	C/D	•	•
5-Series (E60/E61)	2003 - 2007	256D2	2.5L Diesel	DDE 5 EU4	C/D	•	•
5-Series (E60/E61)	2003 - 2007	256S5	2.5L Petrol	MS45	C/D	•	
5-Series (E60/E61)	2003 - 2007	306D2	3.0L Diesel	DDE 5	C/D	•	•
5-Series (E60/E61)	2003 - 2007	306D2	3.0L Diesel	DDE 5 EU4	C/D	•	•
5-Series (E60/E61)	2003 - 2007	N62B44A	4.4L Petrol	ME9.2.1a	C/D	•	•
5-Series (E60/E61)	2003 - 2007	N62B44A	4.4L Petrol	ME9.2.1b	C/D	•	•
5-Series (E60/E61)	2003 - 2007	N62B44A	4.4L Petrol	ME9.2.2	C/D	•	•
5-Series (E60/E61)	2004 - 2012	306D4	3.0L Diesel	DDE 6	C/D	•	•,P
5-Series (E60/E61)	2004 - 2012	N52B25A	2.5L Petrol	MSV70	C/D	•	•
5-Series (E60/E61)	2004 - 2012	N52B25A	2.5L Petrol	MSV80	C/D	•	•
5-Series (E60/E61)	2004 - 2012	N52B30A	3.0L Petrol	MSV70	C/D	•	•
5-Series (E60/E61)	2004 - 2012	N52B30A	3.0L Petrol	MSV80	C/D	•	•
5-Series (E60/E61)	2004 - 2012	S85B50A	5.0L Petrol	MSS 65	C/D	•	•
5-Series (E60/E61)	2005 - 2009	204D4	2.0L Diesel	DDE 6	C/D	•	•,I,P
5-Series (E60/E61)	2005 - 2012	306D3	3.0L Diesel	DDE 6	C/D	•	•,I,P
5-Series (E60/E61)	2005 - 2012	N62B40A	4.0L Petrol	ME9.2.1a	C/D	•	•
5-Series (E60/E61)	2005 - 2012	N62B40A	4.0L Petrol	ME9.2.1b	C/D	•	•
5-Series (E60/E61)	2005 - 2012	N62B40A	4.0L Petrol	ME9.2.2	C/D	•	•
5-Series (E60/E61)	2005 - 2012	N62B48B	4.8L Petrol	ME9.2.1a	C/D	•	•
5-Series (E60/E61)	2005 - 2012	N62B48B	4.8L Petrol	ME9.2.1b	C/D	•	•
5-Series (E60/E61)	2005 - 2012	N62B48B	4.8L Petrol	ME9.2.2	C/D	•	•
5-Series (E60/E61)	2006 - 2012	N53B25A	2.5L Petrol	MSD 802	C/D	•	•
5-Series (E60/E61)	2006 - 2012	N53B25A	2.5L Petrol	MSV 801	C/D	•	RA
5-Series (E60/E61)	2006 - 2012	N53B25A	2.5L Petrol	MSV70	C/D	•	•
5-Series (E60/E61)	2006 - 2012	N53B25A	2.5L Petrol	MSV80	C/D	•	•
5-Series (E60/E61)	2007 - 2007	N62B44A	4.4L Petrol	ME9.2.3	C/D	•	•
5-Series (E60/E61)	2007 - 2012	306D5	3.0L Diesel	DDE 6	C/D	•	•,I,P
5-Series (E60/E61)	2007 - 2012	N43B20A	2.0L Petrol	MSD 802	C/D	•	•
5-Series (E60/E61)	2007 - 2012	N43B20A	2.0L Petrol	MSV 801	C/D	•	•
5-Series (E60/E61)	2007 - 2012	N47D20A	2.0L Diesel	DDE 7.1	C/D	•	•,I,P
5-Series (E60/E61)	2007 - 2012	N52B30A	3.0L Petrol	MSD 802	C/D	•	•
5-Series (E60/E61)	2007 - 2012	N52B30A	3.0L Petrol	MSV 801	C/D	•	RA
5-Series (E60/E61)	2007 - 2012	N53B30A	3.0L Petrol	MSD 802	C/D	•	•
5-Series (E60/E61)	2007 - 2012	N53B30A	3.0L Petrol	MSV 801	C/D	•	RA
5-Series (E60/E61)	2007 - 2012	N62B40A	4.0L Petrol	ME9.2.3	C/D	•	•
5-Series (E60/E61)	2007 - 2012	N62B48B	4.8L Petrol	ME9.2.3	C/D	•	•
5-Series (E60/E61)	2010 - 2012	N46B20B	2.0L Petrol	MEV17.2	C/D	•	RA
5-Series GT (F07)	2009 - 2013	N55B30A	3.0L Petrol	MEVD172	C/D	•	RA
5-Series GT (F07)	2009 - 2013	N55B30A	3.0L Petrol	MEVD1726	C/D	•	RA
5-Series GT (F07)	2009 - 2013	N57D30A	3.0L Diesel	DDE7.3	C/D	•	•
5-Series GT (F07)	2009 - 2013	N57D30B	3.0L Diesel	DDE7.3	C/D	•	•
5-Series GT (F07)	2009 - 2013	N63B44A	4.4L Petrol	MSD85	C/D	•	•
5-Series GT (F07)	2013 - 2013	N20B20A	2.0L Petrol	DDE7.2	C/D	•	•
5-Series GT (F07)	2013 - 2013	N47D20C	2.0L Diesel	D70BX7A0	C/D	•	•
5-Series GT (F07)	2013 - 2013	N47D20C	2.0L Diesel	DDE7.2	C/D	•	•
5-Series GT (F07)	2013 - 2013	N57D30A	3.0L Diesel	D70BX7A0	C/D	•	•
5-Series GT (F07)	2013 - 2013	N57D30A	3.0L Diesel	D75BX7A0	C/D	•	•
5-Series GT (F07)	2013 - 2013	N57D30A	3.0L Diesel	D70BX7A0	C/D	•	•
5-Series GT (F07)	2013 - 2013	N57D30A	3.0L Diesel	DDE 6	C/D	•	•,I,P
5-Series GT (F07)	2013 - 2013	N57D30A	3.0L Diesel	MSD 802	C/D	•	•
5-Series GT (F07)	2013 - 2013	N57D30B	3.0L Diesel	MSV 801	C/D	•	RA

BMW/MINI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
5-Series GT (F07)	2013 - 2013	N57D30B	3.0L Diesel	D75BX7A0	C/D	•	•
5-Series GT (F07)	2013 - 2013	N63B44B	4.4L Petrol	MEVD 1728	C	•	•
5-Series GT (F07)	2013 - 2013	N63B44B	4.4L Petrol	MEVD 1728	C/D	•	•
5-Series (F10/F11)	2009 - 2013	N47D20C	2.0L Diesel	DDE7.3	C/D	•	•
5-Series (F10/F11)	2009 - 2013	N47D20C	2.0L Diesel	DDE7.31	C/D	•	•
5-Series (F10/F11)	2009 - 2013	N52B25A	2.5L Petrol	MSV90	C/D	•	RA
5-Series (F10/F11)	2009 - 2013	N53B30A	3.0L Petrol	MSD87	C/D	•	RA
5-Series (F10/F11)	2009 - 2013	N55B30A	3.0L Petrol	MEVD172	C/D	•	RA
5-Series (F10/F11)	2009 - 2013	N57D30A	3.0L Diesel	DDE7.3	C/D	•	•
5-Series (F10/F11)	2009 - 2013	N63B44A	4.4L Petrol	MSD85	C/D	•	•
5-Series (F10/F11)	2010 - 2013	N47D20C	2.0L Diesel	DDE7.2	C/D	•	•
5-Series (F10/F11)	2010 - 2013	N52B30A	3.0L Petrol	MSV90	C/D	•	RA
5-Series (F10/F11)	2010 - 2013	N53B25A	2.5L Petrol	MSD87	C/D	•	RA
5-Series (F10/F11)	2011 - 2013	N47D20D	2.0L Diesel	DDE7.31	C/D	•	•
5-Series (F10/F11)	2011 - 2013	N55B30A	3.0L Petrol	MEVD1726	C/D	•	RA
5-Series (F10/F11)	2011 - 2013	N55B30A	3.0L Petrol	N55_ALP	C/D	•	•
5-Series (F10/F11)	2011 - 2013	N57D30A	3.0L Diesel	DDE7.31	C/D	•	•
5-Series (F10/F11)	2012 - 2013	S63B44B	4.4L Petrol	MEVD 1728	C	•	•
5-Series (F10/F11)	2012 - 2013	S63B44B	4.4L Petrol	MEVD 1728	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N20B20A	2.0L Petrol	DDE7.2	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N20B20A	2.0L Petrol	DDE7.3	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N20B20A	2.0L Petrol	DDE7.31	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N20B20B	2.0L Petrol	DDE7.2	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N20B20B	2.0L Petrol	DDE7.3	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N20B20B	2.0L Petrol	DDE7.31	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N47D20C	2.0L Diesel	D70BX7A0	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N47D20D	2.0L Diesel	D70BX7A0	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N55B30A	3.0L Hybrid 5	MEVD172	C/D	•	RA
5-Series (F10/F11)	2013 - 2013	N55B30A	3.0L Hybrid 5	MEVD1726	C/D	•	RA
5-Series (F10/F11)	2013 - 2013	N57D30A	3.0L Diesel	D70BX7A0	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N57D30A	3.0L Diesel	D75BX7A0	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N57D30B	3.0L Diesel	D75BX7A0	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N57D30B	3.0L Diesel	DDE7.3	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N57D30B	3.0L Diesel	DDE7.31	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N57D30C	3.0L Diesel	D70BX7A0	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N57D30C	3.0L Diesel	D75BX7A0	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N57D30C	3.0L Diesel	DDE7.3	C/D	•	•
5-Series (F10/F11)	2013 - 2013	N57D30C	3.0L Diesel	DDE7.31	C/D	•	•
6-Series (E63)	2003 - 2004	N62B44A	4.4L Petrol	ME9.2.1a	C/D	•	•
6-Series (E63)	2003 - 2004	N62B44A	4.4L Petrol	ME9.2.1b	C/D	•	•
6-Series (E63)	2003 - 2004	N62B44A	4.4L Petrol	ME9.2.2	C/D	•	•
6-Series (E63)	2004 - 2004	N52B30A	3.0L Petrol	MSV70	C/D	•	•
6-Series (E63)	2004 - 2004	S85B50A	5.0L Petrol	MSS 65	C/D	•	•
6-Series (E63/E64)	2005 - 2012	N52B30A	3.0L Petrol	MSV70	C/D	•	•
6-Series (E63/E64)	2005 - 2012	N62B44A	4.4L Petrol	ME9.2.1a	C/D	•	•
6-Series (E63/E64)	2005 - 2012	N62B44A	4.4L Petrol	ME9.2.1b	C/D	•	•
6-Series (E63/E64)	2005 - 2012	N62B44A	4.4L Petrol	ME9.2.2	C/D	•	•
6-Series (E63/E64)	2005 - 2012	N62B48B	4.8L Petrol	ME9.2.1a	C/D	•	•
6-Series (E63/E64)	2005 - 2012	N62B48B	4.8L Petrol	ME9.2.1b	C/D	•	•
6-Series (E63/E64)	2005 - 2012	N62B48B	4.8L Petrol	ME9.2.2	C/D	•	•
6-Series (E63/E64)	2005 - 2012	S85B50A	5.0L Petrol	MSS 65	C/D	•	•
6-Series (E63/E64)	2007 - 2012	306D5	3.0L Diesel	DDE 6	C/D	•	•,I,P
6-Series (E63/E64)	2007 - 2012	N52B30A	3.0L Petrol	MSD 802	C/D	•	•
6-Series (E63/E64)	2007 - 2012	N52B30A	3.0L Petrol	MSV 801	C/D	•	RA

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, H- Injector Coding, O- Oil reset for DPFE, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, I- Inertia Body Return, Jk- Jumper or Type-Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

BMW/MINI								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
6-Series (E63/E64)	2007 - 2012	N52B30A	3.0L Petrol	MSV80	C/D	•	•	
6-Series (E63/E64)	2007 - 2012	N53B30A	3.0L Petrol	MSD 802	C/D	•	•	
6-Series (E63/E64)	2007 - 2012	N53B30A	3.0L Petrol	MSV 801	C/D	•	RA	
6-Series (E63/E64)	2007 - 2012	N62B48B	4.8L Petrol	ME9.2.3	C/D	•	•	
6-Series (F12/F13)	2011 - 2013	N55B30A	3.0L Petrol	MEVD172	C/D	•	RA	
6-Series (F12/F13)	2011 - 2013	N55B30A	3.0L Petrol	MEVD1726	C/D	•	RA	
6-Series (F12/F13)	2011 - 2013	N57D30A	3.0L Diesel	DDE7.3	C/D	•	•	
6-Series (F12/F13)	2011 - 2013	N63B44A	4.4L Petrol	MSD85	C/D	•	•	
6-Series (F12/F13)	2012 - 2013	N63B44B	4.4L Petrol	MEVD 1728	C	•	•	
6-Series (F12/F13)	2012 - 2013	N63B44B	4.4L Petrol	MEVD 1728	C/D	•	•	
6-Series (F12/F13)	2012 - 2013	S63B44B	4.4L Petrol	MEVD 1728	C	•	•	
6-Series (F12/F13)	2012 - 2013	S63B44B	4.4L Petrol	MEVD 1728	C/D	•	•	
6-Series (F12/F13)	2013 - 2013	N57D30A	3.0L Diesel	D75BX7A0	C/D	•	•	
6-Series (F12/F13)	2013 - 2013	N63B40A	4.0L Petrol	MEVD 1728	C	•	•	
6-Series (F12/F13)	2013 - 2013	N63B40A	4.0L Petrol	MEVD 1728	C/D	•	•	
6-Series GC (F06)	2013 - 2013	N55B30A	3.0L Petrol	MEVD172	C/D	•	RA	
6-Series GC (F06)	2013 - 2013	N55B30A	3.0L Petrol	MEVD1726	C/D	•	RA	
6-Series GC (F06)	2013 - 2013	N57D30B	3.0L Diesel	D75BX7A0	C/D	•	•	
6-Series GC (F06)	2013 - 2013	N57D30B	3.0L Diesel	DDE7.31	C/D	•	•	
6-Series GC (F06)	2013 - 2013	N63B40A	4.0L Petrol	MEVD172Y	C/D	•	•	
6-Series GC (F06)	2013 - 2013	N63B44B	4.4L Petrol	MEVD 1728	C	•	•	
6-Series GC (F06)	2013 - 2013	N63B44B	4.4L Petrol	MEVD 1728	C/D	•	•	
6-Series GC (F06)	2013 - 2013	S63B44B	4.4L Petrol	MEVD 1728	C	•	•	
6-Series GC (F06)	2013 - 2013	S63B44B	4.4L Petrol	MEVD 1728	C/D	•	•	
7-Series (E32)	1992 - 1994	306KA	3.0L Petrol	M1.1	C/D	•	•	
7-Series (E32)	1992 - 1994	306KA	3.0L Petrol	EMS 2.1	C	•	•	
7-Series (E32)	1992 - 1994	306KB	3.0L Petrol	M1.1	C/D	•	•	
7-Series (E32)	1992 - 1994	306KB	3.0L Petrol	EMS 2.1	C	•	•	
7-Series (E32)	1992 - 1994	346EC	3.4L Petrol	M1.1	C/D	•	•	
7-Series (E32)	1992 - 1994	346EC	3.4L Petrol	EMS 2.1	C	•	•	
7-Series (E32)	1992 - 1994	346KB	3.4L Petrol	M1.1	C/D	•	•	
7-Series (E32)	1992 - 1994	346KB	3.4L Petrol	EMS 2.1	C	•	•	
7-Series (E32)	1992 - 1996	308S1	3.0L Petrol	M3.3 (8 CYL) TYPE 2	C/D	•	•	
7-Series (E32)	1992 - 1996	408S1	4.0L Petrol	M3.3 (8 CYL) TYPE 2	C/D	•	•	
7-Series (E32)	1992 - 1996	5012A	5.0L Petrol	M1.2	C/D	•	•	
7-Series (E32)	1992 - 1996	5012A	5.0L Petrol	M1.7 L/R	C/D	•	•	
7-Series (E38)	1993 - 1996	408S1	4.0L Petrol	M3.3 (8 CYL) TYPE 2	C/D	•	•	
7-Series (E38)	1993 - 1998	308S1	3.0L Petrol	M3.3 (8 CYL) TYPE 2	C/D	•	•	
7-Series (E38)	1993 - 1998	358S1	3.5L Petrol	M5.2	C/D	•	•	
7-Series (E38)	1993 - 1998	448S1	4.4L Petrol	M5.2	C/D	•	•	
7-Series (E38)	1993 - 1999	286S1	2.8L Petrol	MS41.0	C/D	•	•	
7-Series (E38)	1993 - 1999	54121	5.4L Petrol	M5.2 M73 OLD PROTOCOL	C/D	•	•	
7-Series (E38)	1993 - 1999	54121	5.4L Petrol	M5.2 M73 OLD PROTOCOL2	C/D	•	•	
7-Series (E38)	1993 - 1999	54121	5.4L Petrol	M5.2.1	C/D	•	•	
7-Series (E38)	1994 - 1999	256T1	2.5L Diesel	DDE2.2 DIESELS	C/D	•	•	
7-Series (E38)	1997 - 2001	54122	5.4L Petrol	M5.2.1	C/D	•	•	
7-Series (E38)	1998 - 1998	286S2	2.8L Petrol	MS42B	C/D	•	•	
7-Series (E38)	1998 - 1999	286S2	2.8L Petrol	MS41.0	C/D	•	•	
7-Series (E38)	1998 - 1999	358S2	3.5L Petrol	M5.2	C/D	•	•	
7-Series (E38)	1998 - 1999	448S2	4.4L Petrol	M5.2	C/D	•	•	
7-Series (E38)	1998 - 2000	306D1	3.0L Diesel	DDE4.0 DIESELS	C/D	•	•	
7-Series (E38)	1998 - 2001	398D1	3.9L Diesel	DDE4.1 DIESELS	C/D	•	•	
7-Series (E38)	2000 - 2001	256T1	2.5L Diesel	DDE2.2 DIESELS	C/D	•	•	
7-Series (E38)	2000 - 2001	286S2	2.8L Petrol	MS42A	C/D	•	•	
7-Series (E38)	2000 - 2001	358S2	3.5L Petrol	ME7.2	C/D	•	•	
7-Series (E38)	2000 - 2001	448S2	4.4L Petrol	ME7.2	C/D	•	•	

BMW/MINI								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
7-Series (E38)	2001 - 2001	306D1	3.0L Diesel	DDE4.0 DIESELS	C/D	•	•	
7-Series (E65/E66)	2002 - 2006	306D2	3.0L Diesel	DDE 5	C/D	•	•	
7-Series (E65/E66)	2002 - 2006	306D2	3.0L Diesel	DDE 5 EU4	C/D	•	•	
7-Series (E65/E66)	2002 - 2006	306S3	3.0L Petrol	MS45	C/D	•	•	
7-Series (E65/E66)	2002 - 2006	N62B36A	3.6L Petrol	ME9.2.1a	C/D	•	•	
7-Series (E65/E66)	2002 - 2006	N62B36A	3.6L Petrol	ME9.2.1b	C/D	•	•	
7-Series (E65/E66)	2002 - 2006	N62B36A	3.6L Petrol	ME9.2.2	C/D	•	•	
7-Series (E65/E66)	2002 - 2009	306D3	3.0L Diesel	DDE 6	C/D	•	•,I,P	
7-Series (E65/E66)	2002 - 2009	N62B40A	4.0L Petrol	ME9.2.1a	C/D	•	•	
7-Series (E65/E66)	2002 - 2009	N62B40A	4.0L Petrol	ME9.2.1b	C/D	•	•	
7-Series (E65/E66)	2002 - 2009	N62B40A	4.0L Petrol	ME9.2.2	C/D	•	•	
7-Series (E65/E66)	2002 - 2009	N62B44A	4.4L Petrol	ME9.2.1a	C/D	•	•	
7-Series (E65/E66)	2002 - 2009	N62B44A	4.4L Petrol	ME9.2.1b	C/D	•	•	
7-Series (E65/E66)	2002 - 2009	N62B44A	4.4L Petrol	ME9.2.2	C/D	•	•	
7-Series (E65/E66)	2002 - 2009	N62B48B	4.8L Petrol	ME9.2.1a	C/D	•	•	
7-Series (E65/E66)	2002 - 2009	N62B48B	4.8L Petrol	ME9.2.1b	C/D	•	•	
7-Series (E65/E66)	2002 - 2009	N62B48B	4.8L Petrol	ME9.2.2	C/D	•	•	
7-Series (E65/E66)	2002 - 2009	N73B60A	6.0L Petrol	ME9.2	C/D	•	•	
7-Series (E65/E66)	2002 - 2009	N73B60A	6.0L Petrol	ME9.2	C/D	•	•	
7-Series (E65/E66)	2003 - 2009	N52B30A	3.0L Petrol	MSV70	C/D	•	•	
7-Series (E65/E66)	2003 - 2009	N52B30A	3.0L Petrol	MSV80	C/D	•	•	
7-Series (E65/E66)	2007 - 2009	N52B30A	3.0L Petrol	MSD 802	C/D	•	•	
7-Series (E65/E66)	2007 - 2009	N52B30A	3.0L Petrol	MSV 801	C/D	•	RA	
7-Series (E65/E66)	2007 - 2009	N62B40A	4.0L Petrol	ME9.2.3	C/D	•	•	
7-Series (E65/E66)	2007 - 2009	N62B48B	4.8L Petrol	ME9.2.3	C/D	•	•	
7-Series (F01/F02)	2008 - 2013	N52B30A	3.0L Petrol	MSV90	C/D	•	RA	
7-Series (F01/F02)	2008 - 2013	N54B30A	3.0L Petrol	MSD87	C/D	•	RA	
7-Series (F01/F02)	2008 - 2013	N57D30A	3.0L Diesel	DDE7.3	C/D	•	•	
7-Series (F01/F02)	2008 - 2013	N57D30B	3.0L Diesel	DDE7.3	C/D	•	•	
7-Series (F01/F02)	2008 - 2013	N63B44A	4.4L Petrol	MSD85	C/D	•	•	
7-Series (F01/F02)	2008 - 2013	N63B44A	4.4L Petrol	MSD85YL6	C/D	•	•	
7-Series (F01/F02)	2008 - 2013	N74B60A	6.0L Petrol	MSD87	C	•	•	
7-Series (F01/F02)	2008 - 2013	N74B60A	6.0L Petrol	MSD87	C/D	•	•	
7-Series (F01/F02)	2013 - 2013	N55B30A	3.0L Petrol	MEVD1726	C/D	•	RA	
7-Series (F01/F02)	2013 - 2013	N55B30A	3.0L Petrol	MEVD172Y	C/D	•	•	
7-Series (F01/F02)	2013 - 2013	N57D30A	3.0L Diesel	D75BX7A0	C/D	•	•	
7-Series (F01/F02)	2013 - 2013	N57D30B	3.0L Diesel	D75BX7A0	C/D	•	•	
7-Series (F01/F02)	2013 - 2013	N57D30C	3.0L Diesel	D75BX7A0	C/D	•	•	
7-Series (F01/F02)	2013 - 2013	N57D30C	3.0L Diesel	DDE7.3	C/D	•	•	
7-Series (F01/F02)	2013 - 2013	N63B40A	4.0L Petrol	MEVD 1728	C	•	•	
7-Series (F01/F02)	2013 - 2013	N63B40A	4.0L Petrol	MEVD 1728	C/D	•	•	
7-Series (F01/F02)	2013 - 2013	N63B44A	4.4L Petrol	MSD87	C/D	•	•	
7-Series (F01/F02)	2013 - 2013	N63B44B	4.4L Petrol	MEVD 1728	C	•	•	
7-Series (F01/F02)	2013 - 2013	N63B44B	4.4L Petrol	MEVD 1728	C/D	•	•	
8-Series (E31)	1992 - 1997	408S1	4.0L Petrol	M3.3 (8 CYL) TYPE 2	C/D	•	•	
8-Series (E31)	1992 - 1997	5012A	5.0L Petrol	M1.2	C/D	•	•	
8-Series (E31)	1992 - 1997	5012A	5.0L Petrol	M1.7 L/R	C/D	•	•	
8-Series (E31)	1992 - 1999	56121	5.6L Petrol	M1.7.1	C/D	•	•	
8-Series (E31)	1994 - 1999	448S1	4.4L Petrol	M5.2	C/D	•	•	
8-Series (E31)	1994 - 1999	54121	5.4L Petrol	M5.2 M73 OLD PROTOCOL	C/D	•	•	
8-Series (E31)	1994 - 1999	54121	5.4L Petrol	M5.2.1	C/D	•	•	
X1 (E84)	2009 - 2010	N52B30A	3.0L Petrol	MSV80	C/D	•	•	
X1 (E84)	2009 - 2013	N46B20B	2.0L Petrol	MEV17.2	C/D	•	RA	
X1 (E84)	2009 - 2013	N47D20C	2.0L Diesel	DDE 7.1	C/D	•	•,I,P	
X1 (E84)	2009 - 2013	N47D20C	2.0L Diesel	DDE 7.2	C/D	•	•,I,P	
X1 (E84)	2009 - 2013	N47D20D	2.0L Diesel	DDE 7.1	C/D	•	•,I,P	
X1 (E84)	2009 - 2013	N47D20D	2.0L Diesel	DDE 7.2	C/D	•	•,I,P	

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertial Body Reference, A: Type of Motor or Type Sensor, etc. \* Other (see table on page 26) Dark grey lines indicate new content at 1.4 - 4. Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

BMW/MINI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
X1 (E84)	2009 - 2013	N52B30A	3.0L Petrol	MSD 802	C/D	•	RA
X1 (E84)	2009 - 2013	N52B30A	3.0L Petrol	MSV 801	C/D	•	RA
X1 (E84)	2011 - 2013	N20B20A	2.0L Petrol	MEVD1724	C/D	•	RA
X1 (E84)	2013 - 2013	N20B16A	1.6L Petrol	MEVD1724	C/D	•	RA
X1 (E84)	2013 - 2013	N47D20D	2.0L Diesel	DDE7.3	C/D	•	
X3 (E83)	2003 - 2008	204D4	2.0L Diesel	DDE 6	C/D	•	•,I,P
X3 (E83)	2003 - 2008	204D4	2.0L Diesel	DDE5	C/D	•	•,I
X3 (E83)	2003 - 2008	204D4	2.0L Diesel	DDE5.0	C/D	•	•,I
X3 (E83)	2003 - 2008	204D4	2.0L Diesel	DDE5.0 EU4	C/D	•	•,I,P
X3 (E83)	2003 - 2008	256S5	2.5L Petrol	MS45	C/D	•	
X3 (E83)	2003 - 2008	306D2	3.0L Diesel	DDE5.0	C/D	•	•
X3 (E83)	2003 - 2008	306D2	3.0L Diesel	DDE5.0 EU4	C/D	•	•,P
X3 (E83)	2003 - 2008	306S3	3.0L Petrol	MS45	C/D	•	
X3 (E83)	2003 - 2012	N46B20B	2.0L Petrol	MEV9.2	C/D	•	
X3 (E83)	2004 - 2012	306D3	3.0L Diesel	DDE 6	C/D	•	•,P
X3 (E83)	2006 - 2012	306D5	3.0L Diesel	DDE 6	C/D	•	•,P
X3 (E83)	2006 - 2012	N52B30A	3.0L Petrol	MSD 802	C/D	•	•
X3 (E83)	2006 - 2012	N52B30A	3.0L Petrol	MSV 801	C/D	•	RA
X3 (E83)	2007 - 2012	N47D20A	2.0L Diesel	DDE 7.1	C/D	•	•,I,P
X3 (E83)	2007 - 2012	N52B25A	2.5L Petrol	MSD 802	C/D	•	RA
X3 (E83)	2007 - 2012	N52B25A	2.5L Petrol	MSV 801	C/D	•	RA
X3 (E83)	2009 - 2012	N47D20C	2.0L Diesel	DDE 7.1	C/D	•	•,I,P
X3 (F25)	2010 - 2013	N47D20C	2.0L Diesel	DDE7.3	C/D	•	•
X3 (F25)	2010 - 2013	N55B30A	3.0L Petrol	MEVD172	C/D	•	RA
X3 (F25)	2010 - 2013	N55B30A	3.0L Petrol	MEVD1726	C/D	•	RA
X3 (F25)	2011 - 2013	N20B20A	2.0L Petrol	DDE7.3	C/D	•	•
X3 (F25)	2011 - 2013	N47D20C	2.0L Diesel	DDE7.2	C/D	•	•
X3 (F25)	2011 - 2013	N47D20C	2.0L Diesel	DDE7.31	C/D	•	•
X3 (F25)	2011 - 2013	N52B30A	3.0L Petrol	MSV90	C/D	•	RA
X3 (F25)	2011 - 2013	N57D30A	3.0L Diesel	DDE7.2	C/D	•	•
X3 (F25)	2011 - 2013	N57D30A	3.0L Diesel	DDE7.3	C/D	•	•
X3 (F25)	2011 - 2013	N57D30A	3.0L Diesel	DDE7.31	C/D	•	•
X3 (F25)	2011 - 2013	N57D30A	3.0L Diesel	DDE7.31	C/D	•	•
X3 (F25)	2013 - 2013	N57D30B	3.0L Diesel	DDE7.2	C/D	•	•
X3 (F25)	2013 - 2013	N57D30B	3.0L Diesel	DDE7.3	C/D	•	•
X3 (F25)	2013 - 2013	N57D30B	3.0L Diesel	DDE7.31	C/D	•	•
X5 (E53)	1999 - 2004	448S2	4.4L Petrol	ME7.2	C/D	•	•
X5 (E53)	2000 - 2005	306D1	3.0L Diesel	DDE4.0 DIESELS	C/D	•	•
X5 (E53)	2000 - 2007	306S3	3.0L Petrol	MS43	C/D	•	•
X5 (E53)	2002 - 2004	468S1	4.6L Petrol	ME7.2	C/D	•	•
X5 (E53)	2003 - 2007	306D2	3.0L Diesel	DDE5.0	C/D	•	•
X5 (E53)	2003 - 2007	306D2	3.0L Diesel	DDE5.0 EU4	C/D	•	•,P
X5 (E53)	2003 - 2007	306S3	3.0L Petrol	MS45	C/D	•	•
X5 (E53)	2003 - 2007	N62B44A	4.4L Petrol	ME9.2.1a	C/D	•	•
X5 (E53)	2003 - 2007	N62B44A	4.4L Petrol	ME9.2.1b	C/D	•	•
X5 (E53)	2003 - 2007	N62B44A	4.4L Petrol	ME9.2.2	C/D	•	•
X5 (E53)	2003 - 2007	N62B48A	4.8L Petrol	ME9.2.1a	C/D	•	•
X5 (E53)	2003 - 2007	N62B48A	4.8L Petrol	ME9.2.1b	C/D	•	•
X5 (E53)	2003 - 2007	N62B48A	4.8L Petrol	ME9.2.2	C/D	•	•
X5 (E53)	2004 - 2007	306D2	3.0L Diesel	DDE 6	C/D	•	•,P
X5 (E70)	2007 - 2013	306D3	3.0L Diesel	DDE 6	C/D	•	•,I,P
X5 (E70)	2007 - 2013	306D5	3.0L Diesel	DDE 6	C/D	•	•,I,P
X5 (E70)	2007 - 2013	N52B30A	3.0L Petrol	MSD 802	C/D	•	•
X5 (E70)	2007 - 2013	N52B30A	3.0L Petrol	MSV 801	C/D	•	RA
X5 (E70)	2007 - 2013	N62B48B	4.8L Petrol	ME9.2.3	C/D	•	•
X5 (E70)	2009 - 2013	N55B30A	3.0L Petrol	MEVD17.2	C/D	•	•
X5 (E70)	2009 - 2013	N55B30A	3.0L Petrol	MEVD176K	C/D	•	RA
X5 (E70)	2009 - 2013	N57D30A	3.0L Diesel	DDE7.3	C/D	•	•
X5 (E70)	2009 - 2013	N63B44A	4.4L Petrol	MSD85	C/D	•	•

BMW/MINI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
X5 (E70)	2009 - 2013	S63B44A	4.4L Petrol	MSD85	C/D	•	
X6 (E71)	2008 - 2013	306D3	3.0L Diesel	DDE 6	C/D	•	•,I,P
X6 (E71)	2008 - 2013	306D5	3.0L Diesel	DDE 6	C/D	•	•,I,P
X6 (E71)	2008 - 2013	N54B30A	3.0L Petrol	MSD 802	C/D	•	RA
X6 (E71)	2008 - 2013	N54B30A	3.0L Petrol	MSV 801	C/D	•	RA
X6 (E71)	2009 - 2013	N57D30A	3.0L Diesel	DDE7.3	C/D	•	
X6 (E71)	2009 - 2013	S63B44A	4.4L Petrol	MSD85	C/D	•	
X6 (E71)	2011 - 2013	N55B30A	3.0L Petrol	MEVD17.2	C/D	•	
X6 (E71)	2011 - 2013	N55B30A	3.0L Petrol	MEVD176K	C/D	•	RA
X6 (E71)	2013 - 2013	N57D30C	3.0L Diesel	DDE7.3	C/D	•	
X6 (E72)	2009 - 2011	N63B44A	4.4L Petrol	MSD85	C/D	•	
Z1 (E30)	1992 - 1992	256K1	2.5L Petrol	M1.3	C/D	•	
Z1 (E30)	1992 - 1992	256K2	2.5L Petrol	M1.3	C/D	•	
Z3 (E36)	1995 - 1999	184E2	1.8L Petrol	M1.7.2	C/D	•	•
Z3 (E36)	1996 - 1999	194S1	1.9L Petrol	M5.2	C/D	•	•
Z3 (E36)	1996 - 1999	326S1	3.2L Petrol	MSS50	C/D	•	•
Z3 (E36)	1996 - 2001	326S2	3.2L Petrol	MS41.2	C/D	•	•
Z3 (E36)	1997 - 1999	286S1	2.8L Petrol	MS41	C/D	•	•
Z3 (E36)	1997 - 2000	286S2	2.8L Petrol	MS42B	C/D	•	•
Z3 (E36)	1997 - 2001	286S2	2.8L Petrol	MS42A	C/D	•	•
Z3 (E36)	1998 - 2000	194E1	1.9L Petrol	BMS46	C/D	•	•
Z3 (E36)	1998 - 2001	256S4	2.5L Petrol	MS42A	C/D	•	•
Z3 (E36)	1999 - 2001	206S4	2.0L Petrol	MS42A	C/D	•	•
Z3 (E36)	2000 - 2000	306S3	3.0L Petrol	MS43	C/D	•	•
Z3 (E36)	2000 - 2001	184E2	1.8L Petrol	BMS43	C/D	•	•
Z3 (E36)	2000 - 2001	194S1	1.9L Petrol	M5.2	C/D	•	•
Z3 (E36)	2000 - 2001	206S4	2.0L Petrol	MS42A	C/D	•	•
Z3 (E36)	2000 - 2001	256S4	2.5L Petrol	MS42A	C/D	•	•
Z3 (E36)	2000 - 2001	286S2	2.8L Petrol	MS41.0	C/D	•	•
Z3 (E36)	2000 - 2001	326S1	3.2L Petrol	MSS50	C/D	•	•
Z3 (E36)	2001 - 2003	194E1	1.9L Petrol	BMS46	C/D	•	•
Z3 (E36)	2001 - 2003	226S1	2.2L Petrol	MS43	C/D	•	•
Z3 (E36)	2001 - 2003	256S5	2.5L Petrol	MS43	C/D	•	•
Z3 (E36)	2001 - 2003	306S3	3.0L Petrol	MS43	C/D	•	•
Z4 (E85)	2003 - 2006	226S1	2.2L Petrol	MS45	C/D	•	•
Z4 (E85)	2003 - 2006	256S5	2.5L Petrol	MS45	C/D	•	•
Z4 (E85)	2003 - 2006	306S3	3.0L Petrol	MS45	C/D	•	•
Z4 (E85)	2003 - 2009	N46B20B	2.0L Petrol	MEV9.2	C/D	•	•
Z4 (E85)	2003 - 2009	N52B25A	2.5L Petrol	MSV70	C/D	•	•
Z4 (E85)	2003 - 2009	N52B30A	3.0L Petrol	MSV70	C/D	•	•
Z4 (E89)	2009 - 2013	N52B25A	2.5L Petrol	MSD 802	C/D	•	•
Z4 (E89)	2009 - 2013	N52B25A	2.5L Petrol	MSV80	C/D	•	•
Z4 (E89)	2009 - 2013	N52B30A	3.0L Petrol	MSD 802	C/D	•	•
Z4 (E89)	2009 - 2013	N52B30A	3.0L Petrol	MSV80	C/D	•	•
Z4 (E89)	2009 - 2013	N54B30A	3.0L Petrol	MSD 802	C/D	•	•
Z4 (E89)	2009 - 2013	N54B30A	3.0L Petrol	MSV80	C/D	•	•
Z4 (E89)	2011 - 2013	N55B30A	3.0L Petrol	MEVD17.2	C/D	•	•
Z4 (E89)	2011 - 2013	N55B30A	3.0L Petrol	MEVD176K	C/D	•	RA
Z4 (E89)	2013 - 2013	N20B20A	2.0L Petrol	MEVD1724	C/D	•	RA
Z8 (E52)	1999 - 2003	508S1	5.0L Petrol	ME7.2	C/D	•	•
Z8 (E52)	1999 - 2003	508S1	5.0L Petrol	MSS52	C/D	•	•
R50 Coupe	2001 - 2007	W10B16A	1.6L 16V MPI	EMS2	C/D	•	•
R50 Coupe	2002 - 2006	W10B14A	1.4L 16V MPI	EMS2	C/D	•	•
R50 Coupe	2002 - 2007	1ND	1.4L T-Diesel	DDE4.09	C/D	•	•
R50 Coupe	2004 - 2007	1ND	1.4L T-Diesel	DDE6.0 EU4	C/D	•	•
R52 Convertible	2003 - 2009	W10B16A	1.6L 16V MPI	EMS2	C/D	•	•
R52 Convertible	2003 - 2009	W11B16A	1.6L 16V MPI	EMS2	C/D	•	•
R53 Coupe	2001 - 2007	W11B16A	1.6L 16V MPI	EMS2	C/D	•	•
R55 Clubman	2006 - 2013	9HZ	1.6L T-Diesel	DDE 6.0	C/D	•	•

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flammable, I - Injector Coding, O - Oil reset for DPF, P - Particulate Filter, R - Return, RA - Reset Adaptations, S - Steering Angle Sensor, F - Frontal Body Return, J - Jumper or Type Sent Auto, \* - Other (see table on page 26) Dark grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

BMW/MINI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
R55 Clubman	2006 - 2013	N12B14A	1.4L 16V MPI	MEV17	C/D	•	
R55 Clubman	2006 - 2013	N12B14A	1.4L 16V MPI	MEV172	C/D	•	
R55 Clubman	2006 - 2013	N12B16A	1.6L 16V MPI	MEV17	C/D	•	
R55 Clubman	2006 - 2013	N12B16A	1.6L 16V MPI	MEV172	C/D	•	
R55 Clubman	2006 - 2013	N14B16A	1.6L 16V MPI	MED17	C/D	•	
R55 Clubman	2006 - 2013	N14B16A	1.6L 16V MPI	MED172	C/D	•	
R55 Clubman	2006 - 2013	N14B16C	1.6L 16V MPI	MED17	C/D	•	
R55 Clubman	2006 - 2013	N14B16C	1.6L 16V MPI	MED172	C/D	•	
R55 Clubman	2006 - 2013	N16B16A	1.6L 16V MPI	MV1722	C/D	•	
R55 Clubman	2006 - 2013	N18B16A	1.6L 16V MPI	MVD1722	C/D	•	
R55 Clubman	2006 - 2013	N47C16A	1.6L T-Diesel	DDE 7.1	C/D	•	•,I,P
R55 Clubman	2006 - 2013	N47C16A	1.6L T-Diesel	DDE 7.2	C/D	•	•,I,P
R55 Clubman	2006 - 2013	N47C20A	2.0L T-Diesel	DDE 7.1	C/D	•	•,I,P
R55 Clubman	2006 - 2013	N47C20A	2.0L T-Diesel	DDE 7.2	C/D	•	•,I,P
R56 Coupe	2006 - 2013	9HZ	1.6L T-Diesel	DDE 6.0	C/D	•	
R56 Coupe	2006 - 2013	N12B14A	1.4L 16V MPI	MEV17	C/D	•	
R56 Coupe	2006 - 2013	N12B14A	1.4L 16V MPI	MEV172	C/D	•	
R56 Coupe	2006 - 2013	N12B16A	1.6L 16V MPI	MEV17	C/D	•	
R56 Coupe	2006 - 2013	N12B16A	1.6L 16V MPI	MEV172	C/D	•	
R56 Coupe	2006 - 2013	N14B16A	1.6L 16V MPI	MED17	C/D	•	
R56 Coupe	2006 - 2013	N14B16A	1.6L 16V MPI	MED172	C/D	•	
R56 Coupe	2006 - 2013	N14B16C	1.6L 16V MPI	MED17	C/D	•	
R56 Coupe	2006 - 2013	N14B16C	1.6L 16V MPI	MED172	C/D	•	
R56 Coupe	2006 - 2013	N16B16A	1.6L 16V MPI	MV1722	C/D	•	
R56 Coupe	2006 - 2013	N18B16A	1.6L 16V MPI	MVD1722	C/D	•	
R56 Coupe	2006 - 2013	N47C16A	1.6L T-Diesel	DDE 7.1	C/D	•	•,I,P
R56 Coupe	2006 - 2013	N47C16A	1.6L T-Diesel	DDE 7.2	C/D	•	•,I,P
R56 Coupe	2006 - 2013	N47C20A	2.0L T-Diesel	DDE 7.1	C/D	•	•,I,P
R56 Coupe	2006 - 2013	N47C20A	2.0L T-Diesel	DDE 7.2	C/D	•	•,I,P
R57 Convertible	2007 - 2013	N12B16A	1.6L 16V MPI	MEV17	C/D	•	
R57 Convertible	2007 - 2013	N12B16A	1.6L 16V MPI	MEV172	C/D	•	
R57 Convertible	2007 - 2013	N14B16A	1.6L 16V MPI	MED17	C/D	•	
R57 Convertible	2007 - 2013	N14B16A	1.6L 16V MPI	MED172	C/D	•	
R57 Convertible	2007 - 2013	N14B16C	1.6L 16V MPI	MED17	C/D	•	
R57 Convertible	2007 - 2013	N14B16C	1.6L 16V MPI	MED172	C/D	•	
R57 Convertible	2007 - 2013	N16B16A	1.6L 16V MPI	MV1722	C/D	•	
R57 Convertible	2007 - 2013	N18B16A	1.6L 16V MPI	MVD1722	C/D	•	
R57 Convertible	2007 - 2013	N47C16A	1.6L T-Diesel	DDE 7.1	C/D	•	•,I,P
R57 Convertible	2007 - 2013	N47C16A	1.6L T-Diesel	DDE 7.2	C/D	•	•,I,P
R57 Convertible	2007 - 2013	N47C20A	2.0L T-Diesel	DDE 7.1	C/D	•	•,I,P
R57 Convertible	2007 - 2013	N47C20A	2.0L T-Diesel	DDE 7.2	C/D	•	•,I,P
R58 Coupe	2010 - 2013	N14B16C	1.6L 16V MPI	MED17	C/D	•	
R58 Coupe	2010 - 2013	N14B16C	1.6L 16V MPI	MED172	C/D	•	
R58 Coupe	2010 - 2013	N16B16A	1.6L 16V MPI	MV1722	C/D	•	
R58 Coupe	2010 - 2013	N18B16A	1.6L 16V MPI	MVD1722	C/D	•	
R58 Coupe	2010 - 2013	N47C20A	2.0L T-Diesel	DDE 7.1	C/D	•	•,I,P
R58 Coupe	2010 - 2013	N47C20A	2.0L T-Diesel	DDE 7.2	C/D	•	•,I,P
R60 Countryman	2010 - 2013	N16B16A	1.6L 16V MPI	MV1722	C/D	•	
R60 Countryman	2010 - 2013	N18B16A	1.6L 16V MPI	MVD1722	C/D	•	
R60 Countryman	2010 - 2013	N47C16A	1.6L T-Diesel	DDE 7.1	C/D	•	•,I,P
R60 Countryman	2010 - 2013	N47C16A	1.6L T-Diesel	DDE 7.2	C/D	•	•,I,P
R60 Countryman	2010 - 2013	N47C20A	2.0L T-Diesel	DDE 7.1	C/D	•	•,I,P
R60 Countryman	2010 - 2013	N47C20A	2.0L T-Diesel	DDE 7.2	C/D	•	•,I,P
R61 Paceman	2013 - 2013	N16B16A	1.6L 16V MPI	MV1722	C/D	•	

BMW/MINI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
R61 Paceman	2013 - 2013	N18B16A	1.6L 16V MPI	MVD1722	C/D	•	
R61 Paceman	2013 - 2013	N47C16A	1.6L T-Diesel	DDE 7.1	C/D	•	•,I,P
R61 Paceman	2013 - 2013	N47C16A	1.6L T-Diesel	DDE 7.2	C/D	•	•,I,P
R61 Paceman	2013 - 2013	N47C20A	2.0L T-Diesel	DDE 7.1	C/D	•	•,I,P
R61 Paceman	2013 - 2013	N47C20A	2.0L T-Diesel	DDE 7.2	C/D	•	•,I,P

Key for Special Functions: B= Brake Bleed, BS= Brake Service, C= Crash Data, CF= Configuration, E= ECU, F= Flammable, I= Injector Coding, O= Oil reset for DPF, P= Particulate Filter, R= Return, RA= Reset Adaptations, S= Steering Angle Sensor, F= Frontal Body Reinforcement, J= Jumper or Type Sent Auto, \* = Other (see table on page 26) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Airbag

BMW/MINI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
1-Series (E87)	2003 - 2013	MRS5	C/D		
1-Series (E87)	2009 - 2013	ACSM2	C/D		
1-Series (E87)	2009 - 2013	ACSM60	C/D		
1-Series (F20)	2011 - 2013	CSM F01	C/D		
1-Series (F20)	2011 - 2013	CSM F25	C/D		
3-Series (E36)	1992 - 1994	5 WK4 060	C		
3-Series (E36)	1992 - 2000	BAE	C		
3-Series (E36)	1992 - 2000	MRS	C		
3-Series (E36)	1992 - 2000	MRS2	C		
3-Series (E36)	1992 - 2000	MRS3	C		
3-Series (E36)	1992 - 2000	ZAE	C		
3-Series (E36)	1992 - 2000	ZAE2	C		
3-Series (E46)	1997 - 2007	MRS2	C		
3-Series (E46)	1997 - 2007	MRS3	C		
3-Series (E46)	1997 - 2007	MRS4	C		
3-Series (E90/E91)	2005 - 2013	ACSM2	C/D		
3-Series (E90/E91)	2005 - 2013	ACSM60	C/D		
3-Series (E90/E91)	2005 - 2013	MRS5	C/D		
3-Series (F30)	2012 - 2013	CSM F01	C/D		
3-Series (F30)	2012 - 2013	CSM F25	C/D		
3-Series GT (F34)	2013 - 2013	CSM F01	C/D		
3-Series GT (F34)	2013 - 2013	CSM F25	C/D		
5-Series (E34)	1992 - 1994	5 WK4 060	C		
5-Series (E34)	1992 - 1994	MRS	C		
5-Series (E34)	1992 - 1994	MRS2	C		
5-Series (E34)	1992 - 1994	MRS3	C		
5-Series (E34)	1992 - 1997	BAE	C		
5-Series (E34)	1992 - 1997	ZAE	C		
5-Series (E34)	1992 - 1997	ZAE2	C		
5-Series (E39)	1995 - 2004	BAE	C		
5-Series (E39)	1995 - 2004	MRS	C		
5-Series (E39)	1995 - 2004	MRS2	C		
5-Series (E39)	1995 - 2004	MRS3	C		
5-Series (E39)	1995 - 2004	MRS4	C		
5-Series (E39)	1995 - 2004	ZAE	C		
5-Series (E39)	1995 - 2004	ZAE2	C		
5-Series (E60/E61)	2003 - 2006	SIM	C		
5-Series (E60/E61)	2003 - 2006	SGM	C		
5-Series (E60/E61)	2003 - 2006	SFZ	C		
5-Series (E60/E61)	2003 - 2006	SFZ2	C		
5-Series (E60/E61)	2003 - 2006	SBLS	C		
5-Series (E60/E61)	2003 - 2006	SBLS2	C		
5-Series (E60/E61)	2003 - 2006	SBSR	C		
5-Series (E60/E61)	2003 - 2006	SBSR2	C		
5-Series (E60/E61)	2003 - 2006	TEFA	C		
5-Series (E60/E61)	2003 - 2006	TEFA2	C		
5-Series (E60/E61)	2003 - 2006	TEBF	C		
5-Series (E60/E61)	2003 - 2006	TEBF2	C		
5-Series (E60/E61)	2006 - 2012	ACSM2	C/D		
5-Series (E60/E61)	2006 - 2012	ACSM60	C/D		
5-Series (F10/F11)	2009 - 2013	CSM F01	C/D		
5-Series (F10/F11)	2009 - 2013	CSM F25	C/D		
5-Series GT (F07)	2009 - 2013	CSM F01	C/D		
5-Series GT (F07)	2009 - 2013	CSM F25	C/D		
6-Series (E63/E64)	2007 - 2012	ACSM2	C/D		
6-Series (E63/E64)	2007 - 2012	ACSM60	C/D		

# Airbag

BMW/MINI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
6-Series (F12/F13)	2011 - 2013	CSM F01	C/D		
6-Series (F12/F13)	2011 - 2013	CSM F25	C/D		
6-Series GC (F06)	2013 - 2013	CSM F01	C/D		
6-Series GC (F06)	2013 - 2013	CSM F25	C/D		
7-Series (E32)	1992 - 1995	5 WK4 060	C		
7-Series (E32)	1992 - 1996	BAE	C		
7-Series (E32)	1992 - 1996	MRS	C		
7-Series (E32)	1992 - 1996	MRS2	C		
7-Series (E32)	1992 - 1996	MRS3	C		
7-Series (E32)	1992 - 1996	ZAE	C		
7-Series (E32)	1992 - 1996	ZAE2	C		
7-Series (E38)	1993 - 2001	BAE	C		
7-Series (E38)	1993 - 2001	MRS	C		
7-Series (E38)	1993 - 2001	MRS2	C		
7-Series (E38)	1993 - 2001	MRS3	C		
7-Series (E38)	1993 - 2001	ZAE	C		
7-Series (E38)	1993 - 2001	ZAE2	C		
7-Series (E38)	1998 - 2001	MRS4	C		
7-Series (E65/E66)	2002 - 2009	SASL	C		
7-Series (E65/E66)	2002 - 2009	SASR	C		
7-Series (E65/E66)	2002 - 2009	SBSL	C		
7-Series (E65/E66)	2002 - 2009	SBSR	C		
7-Series (E65/E66)	2002 - 2009	SFZ	C		
7-Series (E65/E66)	2002 - 2009	SFZ2	C		
7-Series (E65/E66)	2002 - 2009	SGM	C		
7-Series (E65/E66)	2002 - 2009	SIM	C		
7-Series (E65/E66)	2002 - 2009	SBSF	C		
7-Series (E65/E66)	2002 - 2009	SSFA	C		
7-Series (E65/E66)	2002 - 2009	SSH	C		
7-Series (E65/E66)	2002 - 2009	STVL	C		
7-Series (E65/E66)	2002 - 2009	STVR	C		
7-Series (E65/E66)	2002 - 2009	SZL	C		
7-Series (F01/F02)	2008 - 2013	CSM F01	C/D		
7-Series (F01/F02)	2008 - 2013	CSM F25	C/D		
8-Series (E31)	1992 - 1995	5 WK4 060	C		
8-Series (E31)	1992 - 1999	BAE	C		
8-Series (E31)	1992 - 1999	MRS	C		
8-Series (E31)	1992 - 1999	MRS2	C		
8-Series (E31)	1992 - 1999	MRS3	C		
8-Series (E31)	1992 - 1999	ZAE	C		
8-Series (E31)	1992 - 1999	ZAE2	C		
X1 (E84)	2009 - 2013	MRS5	C/D		
X3 (E83)	2003 - 2012	MRS4	C		
X3 (E83)	2003 - 2012	MRS5	C/D		
X3 (F25)	2010 - 2013	CSM F01	C/D		
X3 (F25)	2010 - 2013	CSM F25	C/D		
X5 (E53)	1999 - 2007	MRS3	C		
X5 (E53)	1999 - 2007	MRS4	C		
X5 (E70)	2007 - 2013	ACSM2	C/D		
X5 (E70)	2007 - 2013	ACSM60	C/D		
X6 (E71)	2008 - 2013	ACSM2	C/D		
X6 (E71)	2008 - 2013	ACSM60	C/D		
X6 (E72)	2009 - 2011	ACSM2	C/D		
X6 (E72)	2009 - 2011	ACSM60	C/D		
Z3 (E36)	1995 - 2003	BAE	C		
Z3 (E36)	1995 - 2003	MRS	C		
Z3 (E36)	1995 - 2003	MRS2	C		

# Airbag

BMW/MINI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Z3 (E36)	1995 - 2003	MRS3	C		
Z3 (E36)	1995 - 2003	MRS4	C		
Z3 (E36)	1995 - 2003	ZAE	C		
Z3 (E36)	1995 - 2003	ZAE2	C		
Z4 (E85)	2003 - 2006	SBSL	C		
Z4 (E85)	2003 - 2006	SBSL2	C		
Z4 (E85)	2003 - 2006	SBSR	C		
Z4 (E85)	2003 - 2006	SBSR2	C		
Z4 (E85)	2003 - 2006	SGM	C		
Z4 (E85)	2003 - 2006	SIM	C		
Z4 (E85)	2003 - 2006	SIM85	C		
Z4 (E85)	2003 - 2006	TEBF	C/D		
Z4 (E85)	2003 - 2006	TEFA	C/D		
Z4 (E85)	2003 - 2009	ACSM85	C		
Z4 (E89)	2009 - 2013	MRS7	C/D		
Z4 (E89)	2011 - 2013	ACSM2	C/D		
Z4 (E89)	2011 - 2013	ACSM60	C/D		
Z4 (E89)	2011 - 2013	MRS5	C/D		
Z8 (E52)	1999 - 2003	MRS3	C		
Z8 (E52)	1999 - 2003	MRS4	C		
R50 Coupe	2001 - 2007	MRS4	C		
R52 Convertible	2003 - 2009	MRS4	C		
R53 Coupe	2001 - 2007	MRS4	C		
R55 Clubman	2006 - 2013	ACSM2	C/D		
R55 Clubman	2006 - 2013	ACSM60	C/D		
R56 Coupe	2006 - 2013	ACSM2	C/D		
R56 Coupe	2006 - 2013	ACSM60	C/D		
R57 Convertible	2007 - 2013	ACSM2	C/D		
R57 Convertible	2007 - 2013	ACSM60	C/D		
R58 Coupe	2010 - 2013	ACSM2	C/D		
R58 Coupe	2010 - 2013	ACSM60	C/D		
R60 Countryman	2010 - 2013	ACSM2	C/D		
R60 Countryman	2010 - 2013	ACSM60	C/D		
R61 Paceman	2013 - 2013	ACSM2	C/D		
R61 Paceman	2013 - 2013	ACSM60	C/D		

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Relearn, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Relearn, RA: Type Auto or Type Semi Auto, \* : Other (see table on page 26) Dark grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



## Antilock Brakes Continued

BMW/MINI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
1-Series (E87)	2003 - 2009	ABS / DSC6	C/D	•	•,S
1-Series (E87)	2007 - 2013	ABS / DSC6	C/D		BB,S
1-Series (F20)	2011 - 2013	DSC F25	C/D	•	
3-Series (E30)	1992 - 1993	ABS / ASC MK4-3	C/D		
3-Series (E30)	1992 - 1993	ABS MICRO-C TYPE 1	C/D		
3-Series (E30)	1992 - 1993	ABS MICRO-C TYPE 2	C/D		
3-Series (E30)	1992 - 1993	ABS MICRO-C TYPE 3	C/D		
3-Series (E30)	1992 - 1993	ABS MK4-3	C/D		
3-Series (E30)	1992 - 1993	ABS5	C/D		
3-Series (E30)	1992 - 1993	ASC5	C/D		
3-Series (E30)	1992 - 1993	MK4-G	C/D		
3-Series (E36)	1992 - 2000	ABS / ASC ITT	C/D		
3-Series (E36)	1992 - 2000	ABS / ASC M44	C/D		
3-Series (E36)	1992 - 2000	ABS / ASC MK4-3	C/D		
3-Series (E36)	1992 - 2000	ABS MICRO-C TYPE 1	C/D		
3-Series (E36)	1992 - 2000	ABS MICRO-C TYPE 2	C/D		
3-Series (E36)	1992 - 2000	ABS MICRO-C TYPE 3	C/D		
3-Series (E36)	1992 - 2000	ABS MK20	C/D		
3-Series (E36)	1992 - 2000	ABS MK4-3	C/D		
3-Series (E36)	1992 - 2000	ABS5	C/D		
3-Series (E36)	1992 - 2000	ASC MK20	C/D		
3-Series (E36)	1992 - 2000	DSC MK20	C/D		•,S
3-Series (E36)	1992 - 2000	DSC5.3	C/D		•,S
3-Series (E36)	1992 - 2000	MK4-G	C/D		
3-Series (E46)	1997 - 2007	ASC MK20	C/D		
3-Series (E46)	1997 - 2007	DSC MK20	C/D		•,S
3-Series (E46)	1997 - 2007	DSC5.7	C/D		•,S
3-Series (E46)	1997 - 2007	MK60	C/D		
3-Series (E46)	1997 - 2007	MK60 DSC	C/D		•,S
3-Series (E90/E91)	2005 - 2009	ABS / DSC6	C/D	•	•,S
3-Series (E90/E91)	2005 - 2009	DXCE90/E60	C/D		•,S
3-Series (E90/E91)	2007 - 2013	ABS / DSC6	C/D		BB,S
3-Series (E90/E91)	2007 - 2013	DXCE90/E60	C/D	•	BB
3-Series (F30)	2012 - 2013	DSC F25	C/D	•	
3-Series GT (F34)	2013 - 2013	DSC F25	C/D	•	
5-Series (E34)	1992 - 1997	ABS / ASC ITT	C/D		
5-Series (E34)	1992 - 1997	ABS / ASC MK4-3	C/D		
5-Series (E34)	1992 - 1997	ABS MICRO-C TYPE 1	C/D		
5-Series (E34)	1992 - 1997	ABS MICRO-C TYPE 2	C/D		
5-Series (E34)	1992 - 1997	ABS MICRO-C TYPE 3	C/D		
5-Series (E34)	1992 - 1997	ABS MK20	C/D		
5-Series (E34)	1992 - 1997	ABS MK4-3	C/D		
5-Series (E34)	1992 - 1997	ABS5	C/D		
5-Series (E34)	1992 - 1997	ASC MK20	C/D		
5-Series (E34)	1992 - 1997	ASC5	C/D		
5-Series (E34)	1992 - 1997	DSC5.3	C/D		•,S
5-Series (E34)	1992 - 1997	MK4-G	C/D		
5-Series (E39)	1995 - 2004	ABS5	C/D		
5-Series (E39)	1995 - 2004	ASC5	C/D		
5-Series (E39)	1995 - 2004	ASC5 M62	C/D		
5-Series (E39)	1995 - 2004	DSC5.3	C/D		•,S
5-Series (E39)	1995 - 2004	DSC5.7	C/D		•,S
5-Series (E60/E61)	2003 - 2012	DSC 8	C/D	•	•,S
5-Series (E60/E61)	2004 - 2012	ABS / DSC6	C/D		•,S
5-Series (E60/E61)	2004 - 2012	DXCE90/E60	C/D		•,S
5-Series (E60/E61)	2004 - 2012	DXCE90/E60	C/D	•	•,S
5-Series (E60/E61)	2006 - 2012	DXC 8 EHB	C/D		•,S
5-Series (F10/F11)	2009 - 2013	DSC F01	C/D	•	

## Antilock Brakes Continued

BMW/MINI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
5-Series (F10/F11)	2010 - 2013	DSC F10	C/D	•	
5-Series GT (F07)	2009 - 2013	DSC F01	C/D	•	
5-Series GT (F07)	2010 - 2013	DSC F10	C/D	•	
6-Series (E63)	2003 - 2004	DSC 8	C/D	•	•,S
6-Series (E63)	2004 - 2004	ABS / DSC6	C/D		•,S
6-Series (E63)	2004 - 2004	DXCE90/E60	C/D		•,S
6-Series (E63/E64)	2005 - 2012	ABS / DSC6	C/D		•,S
6-Series (E63/E64)	2005 - 2012	DSC 8	C/D	•	•,S
6-Series (E63/E64)	2005 - 2012	DXCE90/E60	C/D	•	•,S
6-Series (E63/E64)	2007 - 2012	DXC 8 EHB	C/D		•,S
6-Series (F12/F13)	2011 - 2013	DSC F01	C/D	•	
6-Series (F12/F13)	2011 - 2013	DSC F10	C/D	•	
6-Series GC (F06)	2013 - 2013	DSC F01	C/D	•	
6-Series GC (F06)	2013 - 2013	DSC F10	C/D	•	
7-Series (E32)	1992 - 1996	ABS / ASC MK4-3	C/D		
7-Series (E32)	1992 - 1996	ABS / DSC2	C/D		
7-Series (E32)	1992 - 1996	ABS MICRO-C TYPE 1	C/D		
7-Series (E32)	1992 - 1996	ABS MICRO-C TYPE 2	C/D		
7-Series (E32)	1992 - 1996	ABS MICRO-C TYPE 3	C/D		
7-Series (E32)	1992 - 1996	ABS MK4-3	C/D		
7-Series (E32)	1992 - 1996	ABS5	C/D		
7-Series (E32)	1992 - 1996	ASC5	C/D		
7-Series (E32)	1992 - 1996	DSC5.3	C/D		•,S
7-Series (E32)	1992 - 1996	MK4-G	C/D		
7-Series (E38)	1993 - 2001	ABS5	C/D		
7-Series (E38)	1993 - 2001	ASC5	C/D		
7-Series (E38)	1993 - 2001	ASC5 M62	C/D		
7-Series (E38)	1993 - 2001	DSC5.3	C/D		•,S
7-Series (E38)	1993 - 2001	DSC5.7	C/D		•,S
7-Series (E65/E66)	2002 - 2009	BOSCH DSC57	C/D		
7-Series (F01/F02)	2008 - 2013	DSC F01	C/D	•	
7-Series (F01/F02)	2010 - 2013	DSC F10	C/D	•	
8-Series (E31)	1992 - 1999	ABS / ASC MK4-3	C/D		
8-Series (E31)	1992 - 1999	ABS / DSC2	C/D		
8-Series (E31)	1992 - 1999	ABS MICRO-C TYPE 1	C/D		
8-Series (E31)	1992 - 1999	ABS MICRO-C TYPE 2	C/D		
8-Series (E31)	1992 - 1999	ABS MICRO-C TYPE 3	C/D		
8-Series (E31)	1992 - 1999	ABS MK4-3	C/D		
8-Series (E31)	1992 - 1999	ABS5	C/D		
8-Series (E31)	1992 - 1999	ASC5	C/D		
8-Series (E31)	1992 - 1999	DSC5.3	C/D		•,S
X1 (E84)	2009 - 2013	DXCE90/E60	C/D	•	BB
X3 (E83)	2003 - 2012	DXC8	C/D	•	•,S
X3 (E83)	2003 - 2012	MK60	C/D		
X3 (E83)	2003 - 2012	MK60 DSC	C/D		•,S
X3 (F25)	2010 - 2013	DSC F25	C/D	•	
X5 (E53)	1999 - 2007	DSC5.7	C/D		•,S
X5 (E53)	1999 - 2007	DXC8	C/D	•	•,S
X5 (E70)	2007 - 2013	DXCE90/E60	C/D	•	•,S
X6 (E71)	2008 - 2013	DXCE90/E60	C/D	•	•,S
X6 (E72)	2009 - 2011	DXCE90/E60	C/D	•	•,S
Z3 (E36)	1995 - 2003	ABS / ASC ITT	C/D		
Z3 (E36)	1995 - 2003	ABS / ASC MK4-3	C/D		
Z3 (E36)	1995 - 2003	ABS MK20	C/D		
Z3 (E36)	1995 - 2003	ABS MK4-3	C/D		
Z3 (E36)	1995 - 2003	ABS5	C/D		
Z3 (E36)	1995 - 2003	ASC MK20	C/D		

## Antilock Brakes Continued

BMW/MINI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Z3 (E36)	1995 - 2003	ASC5	C/D		
Z3 (E36)	1995 - 2003	DSC MK20	C/D		•,S
Z3 (E36)	1995 - 2003	DSC5.3	C/D		•,S
Z3 (E36)	1995 - 2003	MK4-G	C/D		
Z3 (E36)	1995 - 2003	MK60	C/D		
Z4 (E85)	2003 - 2009	DSC 85	C/D	•	•,S
Z4 (E85)	2003 - 2009	MK60	C/D		
Z4 (E85)	2003 - 2009	MK60 DSC	C/D		•,S
Z4 (E89)	2009 - 2013	DXCE90/E60	C/D	•	BB
Z4 (E89)	2011 - 2013	ABS / DSC6	C/D	•	BB
Z8 (E52)	1999 - 2003	ABS5	C/D		
Z8 (E52)	1999 - 2003	ASC5	C/D		
Z8 (E52)	1999 - 2003	DSC5.3	C/D		•,S
Z8 (E52)	1999 - 2003	DSC5.7	C/D		•,S
R50 Coupe	2001 - 2007	MK60	C/D		
R50 Coupe	2001 - 2007	MK60 DSC	C/D		•,S
R52 Convertible	2003 - 2009	MK60	C/D		
R52 Convertible	2003 - 2009	MK60 DSC	C/D		•,S
R53 Coupe	2001 - 2007	MK60	C/D		
R53 Coupe	2001 - 2007	MK60 DSC	C/D		•,S
R55 Clubman	2006 - 2013	DSC EBC450	C/D		•,S
R56 Coupe	2006 - 2013	DSC EBC450	C/D		•,S
R57 Convertible	2007 - 2013	DSC EBC450	C/D		•,S
R58 Coupe	2010 - 2013	DSC EBC450	C/D		•,S
R60 Countryman	2010 - 2013	DSC EBC450	C/D		•,S
R61 Paceman	2013 - 2013	DSC EBC450	C/D		•,S

## Auto Transmission

BMW/MINI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
1-Series (E87)	2003 - 2012	GS19	C/D	•	•
1-Series (E87)	2005 - 2012	GS1911	C/D	•	•
1-Series (E87)	2005 - 2012	SSG	C/D		
1-Series (E87)	2005 - 2013	GM6	C/D	•	•
1-Series (E87)	2007 - 2013	GS19D	C/D	•	•
1-Series (F20)	2011 - 2013	DKG_10	C/D	•	•
1-Series (F20)	2011 - 2013	GKEHY23	C/D	•	•
1-Series (F20)	2011 - 2013	GS F01	C/D	•	•
1-Series (F20)	2011 - 2013	GS F07	C/D	•	•
3-Series (E30)	1992 - 1993	GS JATCO	C		
3-Series (E30)	1992 - 1993	GS1.2	C/D		
3-Series (E30)	1992 - 1993	GS1.2 X	C/D		
3-Series (E30)	1992 - 1993	GS4.XX	C/D		
3-Series (E30)	1992 - 1993	GS7.3 X	C/D		
3-Series (E30)	1992 - 1993	GS7.XX TYPE 1	C/D		
3-Series (E30)	1992 - 1993	GS7.XX TYPE 2	C/D		
3-Series (E30)	1992 - 1993	GS8.51	C/D	•	•
3-Series (E30)	1992 - 1993	GS9.20	C/D		
3-Series (E30)	1992 - 1993	GS9.22	C/D	•	•
3-Series (E36)	1992 - 2000	GS_SMG	C		
3-Series (E36)	1992 - 2000	GS4.XX	C/D		

Key for Special Functions: BB-Brake Blend, DSC-Brake Service, C-Crash Data, CF-Configuration, E-EGR, F-Fluwheel, I-Injector Coding, O-Oil reset for DPF, P-Particulate Filter, R-Return, Re-Reset Adaptations, S-Steering/Angle Sensor, E-Engine Body/Return, A-Air-type/Air or Type Semi-Auto, •-Other (see table on page 26) Dark grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



## Auto Transmission Continued

BMW/MINI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
3-Series (E36)	1992 - 2000	GS7.XX TYPE 1	C/D		
3-Series (E36)	1992 - 2000	GS7.XX TYPE 2	C/D		
3-Series (E36)	1992 - 2000	GS8.32	C/D	•	•
3-Series (E36)	1992 - 2000	GS8.34	C/D	•	•
3-Series (E36)	1992 - 2000	GS8.34.1	C/D	•	•
3-Series (E36)	1992 - 2000	GS8.36	C/D	•	•
3-Series (E36)	1992 - 2000	GS8.55	C/D	•	•
3-Series (E36)	1992 - 2000	GS8.60.0	C/D	•	•
3-Series (E36)	1992 - 2000	GS8.60.2	C/D	•	•
3-Series (E36)	1992 - 2000	GS8.70	C/D	•	•
3-Series (E46)	1997 - 2007	GS_SMG	C		
3-Series (E46)	1997 - 2007	GS20	C/D	•	•
3-Series (E46)	1997 - 2007	GS8.32	C/D	•	•
3-Series (E46)	1997 - 2007	GS8.34	C/D	•	•
3-Series (E46)	1997 - 2007	GS8.34.1	C/D	•	•
3-Series (E46)	1997 - 2007	GS8.36	C/D	•	•
3-Series (E46)	1997 - 2007	GS8.55	C/D	•	•
3-Series (E46)	1997 - 2007	GS8.60.0	C/D	•	•
3-Series (E46)	1997 - 2007	GS8.60.2	C/D	•	•
3-Series (E46)	1997 - 2007	GS8.60.4	C/D	•	•
3-Series (E46)	1997 - 2007	GS8.70	C/D	•	•
3-Series (E46)	1997 - 2007	SMG E46	C/D		
3-Series (E46)	1997 - 2007	SMG2	C/D		
3-Series (E90/E91)	2005 - 2012	GS19	C/D	•	•
3-Series (E90/E91)	2005 - 2012	GS1911	C/D	•	•
3-Series (E90/E91)	2005 - 2012	SSG	C/D		
3-Series (E90/E91)	2005 - 2013	GM6	C/D	•	•
3-Series (E90/E91)	2005 - 2013	GS19D	C/D	•	•
3-Series (E90/E91)	2008 - 2013	DKG	C/D	•	•
3-Series (F30)	2012 - 2013	DKG_10	C/D	•	•
3-Series (F30)	2012 - 2013	GKEHY 23	C/D		
3-Series (F30)	2012 - 2013	GKEHY23	C/D	•	•
3-Series (F30)	2012 - 2013	GS F01	C/D	•	•
3-Series (F30)	2012 - 2013	GS F07	C/D	•	•
3-Series GT (F34)	2013 - 2013	DKG_10	C/D	•	•
3-Series GT (F34)	2013 - 2013	GKEHY23	C/D	•	•
3-Series GT (F34)	2013 - 2013	GS F01	C/D	•	•
3-Series GT (F34)	2013 - 2013	GS F07	C/D	•	•
5-Series (E34)	1992 - 1997	GS JATCO	C		
5-Series (E34)	1992 - 1997	GS1.2	C/D		
5-Series (E34)	1992 - 1997	GS1.2 X	C/D		
5-Series (E34)	1992 - 1997	GS4.XX	C/D		
5-Series (E34)	1992 - 1997	GS7.3 X	C/D		
5-Series (E34)	1992 - 1997	GS7.XX TYPE 1	C/D		
5-Series (E34)	1992 - 1997	GS7.XX TYPE 2	C/D		
5-Series (E34)	1992 - 1997	GS8.51	C/D	•	•
5-Series (E34)	1992 - 1997	GS9.20	C/D	•	•
5-Series (E34)	1992 - 1997	GS9.22	C/D	•	•
5-Series (E39)	1995 - 2004	GS_SMG	C		
5-Series (E39)	1995 - 2004	GS20	C/D	•	•
5-Series (E39)	1995 - 2004	GS8.32	C/D	•	•
5-Series (E39)	1995 - 2004	GS8.34	C/D	•	•
5-Series (E39)	1995 - 2004	GS8.34.1	C/D	•	•
5-Series (E39)	1995 - 2004	GS8.36	C/D	•	•
5-Series (E39)	1995 - 2004	GS8.51	C/D	•	•
5-Series (E39)	1995 - 2004	GS8.55	C/D	•	•
5-Series (E39)	1995 - 2004	GS8.60.0	C/D	•	•

## Auto Transmission Continued

BMW/MINI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
5-Series (E39)	1995 - 2004	GS8.60.2	C/D	•	•
5-Series (E39)	1995 - 2004	GS8.60.4	C/D	•	•
5-Series (E39)	1995 - 2004	GS8.70	C/D	•	•
5-Series (E39)	1995 - 2004	GS9.22	C/D	•	•
5-Series (E60/E61)	2003 - 2012	GS19	C/D	•	•
5-Series (E60/E61)	2003 - 2012	GS1911	C/D	•	•
5-Series (E60/E61)	2003 - 2012	SMG	C/D	•	•
5-Series (E60/E61)	2003 - 2012	SSG	C/D		
5-Series (E60/E61)	2006 - 2012	GS19D	C/D	•	•
5-Series (F10/F11)	2009 - 2013	DKG_10	C/D	•	•
5-Series (F10/F11)	2009 - 2013	GKEHY23	C/D	•	•
5-Series (F10/F11)	2009 - 2013	GS F01	C/D	•	•
5-Series (F10/F11)	2009 - 2013	GS F07	C/D	•	•
5-Series GT (F07)	2009 - 2013	DKG_10	C/D	•	•
5-Series GT (F07)	2009 - 2013	GKEHY23	C/D	•	•
5-Series GT (F07)	2009 - 2013	GS F01	C/D	•	•
5-Series GT (F07)	2009 - 2013	GS F07	C/D	•	•
6-Series (E63)	2003 - 2004	GS19	C/D	•	•
6-Series (E63)	2003 - 2004	GS1911	C/D	•	•
6-Series (E63)	2003 - 2004	SMG	C/D	•	•
6-Series (E63)	2003 - 2004	SSG	C/D		
6-Series (E63/E64)	2005 - 2012	GS19	C/D	•	•
6-Series (E63/E64)	2005 - 2012	GS1911	C/D	•	•
6-Series (E63/E64)	2005 - 2012	SMG	C/D	•	•
6-Series (E63/E64)	2005 - 2012	SSG	C/D		
6-Series (E63/E64)	2007 - 2012	GS19D	C/D	•	•
6-Series (F12/F13)	2011 - 2013	DKG_10	C/D	•	•
6-Series (F12/F13)	2011 - 2013	GKEHY23	C/D	•	•
6-Series (F12/F13)	2011 - 2013	GS F01	C/D	•	•
6-Series (F12/F13)	2011 - 2013	GS F07	C/D	•	•
6-Series GC (F06)	2013 - 2013	DKG_10	C/D	•	•
6-Series GC (F06)	2013 - 2013	GKEHY23	C/D	•	•
6-Series GC (F06)	2013 - 2013	GS F01	C/D	•	•
6-Series GC (F06)	2013 - 2013	GS F07	C/D	•	•
7-Series (E32)	1992 - 1996	GS JATCO	C		
7-Series (E32)	1992 - 1996	GS1.2	C/D		
7-Series (E32)	1992 - 1996	GS1.2 X	C/D		
7-Series (E32)	1992 - 1996	GS2.2	C/D		
7-Series (E32)	1992 - 1996	GS4.XX	C/D		
7-Series (E32)	1992 - 1996	GS7.3 X	C/D		
7-Series (E32)	1992 - 1996	GS7.XX TYPE 1	C/D		
7-Series (E32)	1992 - 1996	GS7.XX TYPE 2	C/D		
7-Series (E32)	1992 - 1996	GS8.32	C/D	•	•
7-Series (E32)	1992 - 1996	GS8.51	C/D	•	•
7-Series (E32)	1992 - 1996	GS8.55	C/D	•	•
7-Series (E32)	1992 - 1996	GS8.60.0	C/D	•	•
7-Series (E32)	1992 - 1996	GS8.60.2	C/D	•	•
7-Series (E32)	1992 - 1996	GS9.20	C/D	•	•
7-Series (E32)	1992 - 1996	GS9.22	C/D	•	•
7-Series (E38)	1993 - 2001	GS20	C/D	•	•
7-Series (E38)	1993 - 2001	GS7.3 X	C/D	•	•
7-Series (E38)	1993 - 2001	GS8.32	C/D	•	•
7-Series (E38)	1993 - 2001	GS8.34	C/D	•	•
7-Series (E38)	1993 - 2001	GS8.34.1	C/D	•	•
7-Series (E38)	1993 - 2001	GS8.36	C/D	•	•
7-Series (E38)	1993 - 2001	GS8.51	C/D	•	•
7-Series (E38)	1993 - 2001	GS8.55	C/D	•	•

## Auto Transmission Continued

BMW/MINI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
7-Series (E38)	1993 - 2001	GS8.60.0	C/D	•	•
7-Series (E38)	1993 - 2001	GS8.60.2	C/D	•	•
7-Series (E38)	1993 - 2001	GS8.60.3	C/D	•	•
7-Series (E38)	1993 - 2001	GS8.70	C/D	•	•
7-Series (E38)	1993 - 2001	GS9.20	C/D	•	•
7-Series (E38)	1993 - 2001	GS9.22	C/D	•	•
7-Series (E65/E66)	2002 - 2009	GS19	C/D	•	•
7-Series (E65/E66)	2002 - 2009	GS1911	C/D	•	•
7-Series (E65/E66)	2007 - 2009	GS19D	C/D	•	•
7-Series (E65/E66)	2007 - 2009	SMG	C/D	•	•
7-Series (E65/E66)	2007 - 2009	SSG	C/D		
7-Series (F01/F02)	2008 - 2013	DKG_10	C/D	•	•
7-Series (F01/F02)	2008 - 2013	GKEHY23	C/D	•	•
7-Series (F01/F02)	2008 - 2013	GS F01	C/D	•	•
7-Series (F01/F02)	2008 - 2013	GS F07	C/D	•	•
8-Series (E31)	1992 - 1999	GS JATCO	C		
8-Series (E31)	1992 - 1999	GS1.2	C/D		
8-Series (E31)	1992 - 1999	GS1.2 X	C/D		
8-Series (E31)	1992 - 1999	GS2.2	C/D		
8-Series (E31)	1992 - 1999	GS4.XX	C/D		
8-Series (E31)	1992 - 1999	GS7.3 X	C/D		
8-Series (E31)	1992 - 1999	GS7.XX TYPE 1	C/D		
8-Series (E31)	1992 - 1999	GS7.XX TYPE 2	C/D		
8-Series (E31)	1992 - 1999	GS8.32	C/D	•	•
8-Series (E31)	1992 - 1999	GS8.51	C/D	•	•
8-Series (E31)	1992 - 1999	GS8.55	C/D	•	•
8-Series (E31)	1992 - 1999	GS8.60.0	C/D	•	•
8-Series (E31)	1992 - 1999	GS8.60.2	C/D	•	•
8-Series (E31)	1992 - 1999	GS9.20	C/D	•	•
8-Series (E31)	1992 - 1999	GS9.22	C/D	•	•
X1 (E84)	2009 - 2013	GM6	C/D	•	•
X1 (E84)	2009 - 2013	GS19D	C/D	•	•
X3 (E83)	2003 - 2012	GS19	C/D	•	•
X3 (E83)	2003 - 2012	GS1911	C/D	•	•
X3 (E83)	2003 - 2012	GS20	C/D	•	•
X3 (E83)	2003 - 2012	GS8.34	C/D	•	•
X3 (E83)	2003 - 2012	GS8.60.4	C/D	•	•
X3 (E83)	2003 - 2012	SMG E46	C/D	•	•
X3 (E83)	2003 - 2012	SMG2	C/D		
X3 (E83)	2006 - 2012	GS19D	C/D	•	•
X3 (E83)	2007 - 2012	GM6	C/D	•	•
X3 (F25)	2010 - 2013	DKG_10	C/D	•	•
X3 (F25)	2010 - 2013	GKEHY23	C/D	•	•
X3 (F25)	2010 - 2013	GS F01	C/D	•	•
X3 (F25)	2010 - 2013	GS F07	C/D	•	•
X5 (E53)	1999 - 2007	GS20	C/D	•	•
X5 (E53)	1999 - 2007	GS8.60.0	C/D	•	•
X5 (E53)	1999 - 2007	GS8.60.2	C/D	•	•
X5 (E53)	2003 - 2007	GS19	C/D	•	•
X5 (E53)	2005 - 2007	GS1911	C/D	•	•
X5 (E70)	2007 - 2013	GS19D	C/D	•	•
X5 (E70)	2009 - 2013	GS233	C/D	•	•
X6 (E71)	2008 - 2013	GS19D	C/D	•	•
X6 (E71)	2009 - 2013	GS233	C/D	•	•
X6 (E72)	2009 - 2011	TCM_72	C		
Z3 (E36)	1995 - 2003	GS20	C/D	•	•
Z3 (E36)	1995 - 2003	GS7.XX TYPE 1	C/D	•	•

Key for Special Functions: BB= Brake Bleed, BS= Brake Service, C= Crash Data, CF= Configuration, E= ECU, F= Flammable, I= Injector Coding, O= Oil Reset for DPF, P= Particulate Filter, R= Return, RA= Reset Adaptations, S= Steering Angle Sensor, I= Inertia Body/Rearm, JA= Jumper/Type Semi Auto, \* = Other (see table on page 26) Dark grey lines indicate new content at 1/4, - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Auto Transmission

BMW/MINI		System	Codes/ Data	Actuator Tests	Special Functions
Model	Years				
Z3 (E36)	1995 - 2003	GS7.XX TYPE 2	C/D		
Z3 (E36)	1995 - 2003	GS8.32	C/D	•	•
Z3 (E36)	1995 - 2003	GS8.34	C/D	•	•
Z3 (E36)	1995 - 2003	GS8.34.1	C/D	•	•
Z3 (E36)	1995 - 2003	GS8.36	C/D	•	•
Z3 (E36)	1995 - 2003	GS8.55	C/D	•	•
Z3 (E36)	1995 - 2003	GS8.60.0	C/D	•	•
Z3 (E36)	1995 - 2003	GS8.60.2	C/D	•	•
Z3 (E36)	1995 - 2003	GS8.70	C/D	•	•
Z3 (E36)	1996 - 2001	GS_SMG	C		
Z3 (E36)	1996 - 2001	GS4.XX	C/D		
Z4 (E85)	2003 - 2009	GS20	C/D	•	•
Z4 (E85)	2003 - 2009	GS8.34	C/D	•	•
Z4 (E85)	2003 - 2009	GS8.60.4	C/D	•	•
Z4 (E85)	2003 - 2009	SMG E46	C/D		
Z4 (E85)	2003 - 2009	SMG2	C/D		
Z4 (E85)	2004 - 2009	GS19	C/D	•	•
Z4 (E85)	2004 - 2009	GS1911	C/D	•	•
Z4 (E89)	2009 - 2013	DKG	C/D	•	•
Z4 (E89)	2009 - 2013	GM6	C/D	•	•
Z4 (E89)	2009 - 2013	GS19D	C/D	•	•
Z4 (E89)	2011 - 2013	GS19	C/D	•	•
Z4 (E89)	2011 - 2013	GS1911	C/D	•	•
Z4 (E89)	2011 - 2013	SSG	C/D	•	•
Z4 (E89)	2013 - 2013	GS233	C/D	•	•
Z8 (E52)	1999 - 2003	GS_SMG	C		
Z8 (E52)	1999 - 2003	GS8.60.2	C/D	•	•
R52 Convertible	2005 - 2009	GSF21	C/D		
R55 Clubman	2006 - 2013	GSF21	C/D		
R55 Clubman	2006 - 2013	GSW56	C/D	•	•
R56 Coupe	2006 - 2013	GSF21	C/D		
R56 Coupe	2006 - 2013	GSW56	C/D	•	•
R57 Convertible	2007 - 2013	GSF21	C/D		
R57 Convertible	2007 - 2013	GSW56	C/D	•	•
R58 Coupe	2010 - 2013	GSF21	C/D		
R58 Coupe	2010 - 2013	GSW56	C/D	•	•
R60 Countryman	2010 - 2013	GSF21	C/D		
R60 Countryman	2010 - 2013	GSW56	C/D	•	•
R61 Paceman	2013 - 2013	GSF21	C/D		
R61 Paceman	2013 - 2013	GSW56	C/D	•	•

## Instrument Panel

BMW/MINI		System	Codes/ Data	Actuator Tests	Special Functions
Model	Years				
1-Series (E87)	2003 - 2007	KOMBI	C/D		
1-Series (E87)	2007 - 2012	KOMBI	C/D	•	
3-Series (E46)	1997 - 2007	IKI	C		
3-Series (E46)	1997 - 2007	KOM	C	•	
3-Series (E90/E91)	2005 - 2007	KOMBI	C/D		
3-Series (E90/E91)	2007 - 2012	KOMBI	C/D	•	

## Instrument Panel

BMW/MINI		System	Codes/ Data	Actuator Tests	Special Functions
Model	Years				
5-Series (E39)	1995 - 2004	IKI	C		
5-Series (E39)	1995 - 2004	KOM	C	•	
5-Series (E60/E61)	2003 - 2012	KOMBI	C/D		
5-Series GT (F07)	2009 - 2013	KOMB_01	C/D	•	
5-Series (F10/F11)	2009 - 2013	KOMB_01	C/D	•	
6-Series GC (F06)	2013 - 2013	KOMB_01	C/D	•	
6-Series (F12/F13)	2011 - 2013	KOMB_01	C/D	•	
7-Series (E65/E66)	2002 - 2009	KOMBI	C/D		
7-Series (E65/E66)	2002 - 2009	KOMBI2	C/D		
7-Series (F01/F02)	2008 - 2013	KOMB_01	C/D	•	
X3 (E83)	2003 - 2012	IKI	C		
X3 (E83)	2003 - 2012	KOM	C	•	
X5 (E53)	1999 - 2007	IKI	C		
Z4 (E85)	2003 - 2009	KOMBI85	C/D		
Z4 (E89)	2009 - 2012	KOMBI	C/D		
R50 Coupe	2001 - 2007	KOM(2)	C		
R52 Convertible	2003 - 2009	KOM(2)	C		
R53 Coupe	2001 - 2007	KOM(2)	C		

## Other Continued

BMW/MINI		System	Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years					
1-Series (E87)	2005 - 2009	afs_60	C/D			Active Steering
1-Series (E87)	2007 - 2013	afs_70	C/D			Active Steering
1-Series (E87)	2007 - 2013	asa_71	C/D			Active Steering
1-Series (E87)	2005 - 2013	afs_90	C/D			Active Steering
3-Series (E90/E91)	2005 - 2009	afs_60	C/D			Active Steering
3-Series (E90/E91)	2005 - 2013	afs_90	C/D			Active Steering
3-Series (E90/E91)	2007 - 2013	afs_70	C/D			Active Steering
3-Series (E90/E91)	2007 - 2013	asa_71	C/D			Active Steering
5-Series (E60/E61)	2005 - 2009	afs_60	C/D			Active Steering
5-Series (E60/E61)	2005 - 2012	afs_90	C/D			Active Steering
5-Series (E60/E61)	2008 - 2012	afs_70	C/D			Active Steering
5-Series (E60/E61)	2008 - 2012	asa_71	C/D			Active Steering
5-Series (F10/F11)	2009 - 2013	asa_01	C/D			Active Steering
5-Series GT (F07)	2009 - 2013	asa_01	C/D			Active Steering
6-Series (E63/E64)	2005 - 2009	afs_60	C/D			Active Steering
6-Series (E63/E64)	2005 - 2012	afs_90	C/D			Active Steering
6-Series (E63/E64)	2007 - 2012	afs_70	C/D			Active Steering
6-Series (E63/E64)	2007 - 2012	afs_71	C/D			Active Steering
6-Series (F12/F13)	2011 - 2013	asa_01	C/D			Active Steering
6-Series GC (F06)	2013 - 2013	asa_01	C/D			Active Steering
7-Series (F01/F02)	2008 - 2013	asa_01	C/D			Active Steering
X5 (E70)	2007 - 2013	afs_70	C/D			Active Steering
X5 (E70)	2007 - 2013	afs_90	C/D			Active Steering
X5 (E70)	2007 - 2013	asa_71	C/D			Active Steering
X6 (E71)	2008 - 2013	afs_70	C/D			Active Steering
X6 (E71)	2008 - 2013	afs_90	C/D			Active Steering
X6 (E71)	2008 - 2013	asa_71	C/D			Active Steering

## Other Continued

BMW/MINI		System	Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years					
X6 (E72)	2009 - 2011	afs_70	C/D			Active Steering
X6 (E72)	2009 - 2011	afs_90	C/D			Active Steering
X6 (E72)	2009 - 2011	asa_71	C/D			Active Steering
X6 (E71)	2008 - 2013	IHKA70-b	C/D	•		Air Conditioning
X6 (E71)	2008 - 2013	IHKA70-h	C/D	•		Air Conditioning
Z4 (E89)	2009 - 2013	IHKA89	C/D	•		Air Conditioning
Z4 (E89)	2009 - 2013	IHKR89	C/D	•		Air Conditioning
X5 (E70)	2007 - 2013	IHKA70-b	C/D	•		Air Conditioning
X5 (E70)	2007 - 2013	IHKA70-h	C/D	•		Air Conditioning
7-Series (F01/F02)	2008 - 2013	IHKA01	C/D	•		Air Conditioning
X1 (E84)	2009 - 2013	IHKA87	C/D	•		Air Conditioning
X1 (E84)	2009 - 2013	IHKA87_2	C/D	•		Air Conditioning
X1 (E84)	2009 - 2013	IHKR90	C/D	•		Air Conditioning
X3 (F25)	2010 - 2013	IHKA_25	C/D	•		Air Conditioning
X3 (F25)	2010 - 2013	IHKA01	C/D	•		Air Conditioning
7-Series (E65/E66)	2002 - 2009	IHKA65	C/D	•		Air Conditioning
6-Series GC (F06)	2013 - 2013	IHKA01	C/D	•		Air Conditioning
6-Series (F12/F13)	2011 - 2013	IHKA01	C/D	•		Air Conditioning
6-Series (E63/E64)	2005 - 2012	IHKA60_2-b	C/D	•		Air Conditioning
6-Series (E63/E64)	2005 - 2012	IHKA60_2-h	C/D	•		Air Conditioning
6-Series (E63/E64)	2005 - 2012	IHKA60-b	C/D	•		Air Conditioning
6-Series (E63/E64)	2005 - 2012	IHKA60-h	C/D	•		Air Conditioning
5-Series (F10/F11)	2009 - 2013	IHKA01	C/D	•		Air Conditioning
5-Series GT (F07)	2009 - 2013	IHKA01	C/D	•		Air Conditioning
6-Series (E63)	2003 - 2004	IHKA60_2-b	C/D	•		Air Conditioning
6-Series (E63)	2003 - 2004	IHKA60_2-h	C/D	•		Air Conditioning
6-Series (E63)	2003 - 2004	IHKA60-b	C/D	•		Air Conditioning
6-Series (E63)	2003 - 2004	IHKA60-h	C/D	•		Air Conditioning
3-Series GT (F34)	2013 - 2013	IHKA_20	C/D	•		Air Conditioning
5-Series (E60/E61)	2003 - 2012	IHKA60_2-b	C/D	•		Air Conditioning
5-Series (E60/E61)	2003 - 2012	IHKA60_2-h	C/D	•		Air Conditioning
5-Series (E60/E61)	2003 - 2012	IHKA60-b	C/D	•		Air Conditioning
5-Series (E60/E61)	2003 - 2012	IHKA60-h	C/D	•		Air Conditioning
3-Series (F30)	2012 - 2013	IHKA_20	C/D	•		Air Conditioning
3-Series (E90/E91)	2005 - 2009	IHR_87	C/D	•		Air Conditioning
3-Series (E90/E91)	2005 - 2013	IHKA87	C/D	•		Air Conditioning
3-Series (E90/E91)	2005 - 2013	IHKA87_2	C/D	•		Air Conditioning
3-Series (E90/E91)	2005 - 2013	IHKR90	C/D	•		Air Conditioning
1-Series (F20)	2011 - 2013	IHKA_20	C/D	•		Air Conditioning
1-Series (E87)	2003 - 2009	IHR_87	C/D	•		Air Conditioning
1-Series (E87)	2003 - 2013	IHKA87	C/D	•		Air Conditioning
1-Series (E87)	2003 - 2013	IHKA87_2	C/D	•		Air Conditioning
1-Series (E87)	2003 - 2013	IHKR90	C/D	•		Air Conditioning
X5 (E70)	2007 - 2013	EHC	C/D	•	•	Air Suspension
X5 (E53)	1999 - 2007	EHC	C/D	•	•	Air Suspension
X5 (E53)	1999 - 2007	EHC2	C/D	•	•	Air Suspension
X6 (E71)	2008 - 2013	EHC	C/D	•	•	Air Suspension
X6 (E72)	2009 - 2011	EHC	C/D	•	•	Air Suspension
Z4 (E85)	2003 - 2009	IHKA E85	C			Air Conditioning
Z4 (E85)	2003 - 2009	IHKS E85	C/D			Air Conditioning
Z4 (E89)	2011 - 2013	IHKA87	C/D	•		Air Conditioning
Z4 (E89)	2011 - 2013	IHKR90	C/D	•		Air Conditioning
X5 (E53)	1999 - 2007	IHKA E39	C/D			Air Conditioning
X5 (E53)	1999 - 2007	IHKA E39(5)	C/D			Air Conditioning
X5 (E53)	1999 - 2007	IHKR(2)	C/D			Air Conditioning

Key for Special Functions: ABS Brake Bleed, ABS Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, Jk: Jumper or Type Semi Auto, \* : Other (see table on page 26) Dark grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Other Continued

BMW/MINI	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
X3 (E83)	2003 - 2012	IHKA E46	C/D			Air Conditioning
X3 (E83)	2003 - 2012	IHKA E46(2)	C/D			Air Conditioning
X3 (E83)	2003 - 2012	IHKA E46(3)	C/D			Air Conditioning
X3 (E83)	2003 - 2012	IHKA83	C/D	•		Air Conditioning
X3 (E83)	2003 - 2012	IHKR	C/D	•		Air Conditioning
3-Series (E46)	1997 - 2007	IHKA E46	C/D			Air Conditioning
3-Series (E46)	1997 - 2007	IHKA E46(2)	C/D			Air Conditioning
3-Series (E46)	1997 - 2007	IHKA E46(3)	C/D			Air Conditioning
3-Series (E46)	1997 - 2007	IHKR	C/D	•		Air Conditioning
5-Series (E39)	1995 - 2004	IHKA E39	C/D			Air Conditioning
5-Series (E39)	1995 - 2004	IHKA E39(2)	C/D			Air Conditioning
5-Series (E39)	1995 - 2004	IHKA E39(5)	C/D			Air Conditioning
5-Series (E39)	1995 - 2004	IHKR	C/D			Air Conditioning
5-Series (E39)	1995 - 2004	IHKR(2)	C/D			Air Conditioning
5-Series (E60/E61)	2003 - 2009	KBM	C/D	•		Basic Body Module
6-Series (E63)	2003 - 2004	KBM	C/D	•		Basic Body Module
5-Series (E60/E61)	2004 - 2012	KBM	C/D	•	•	Basic Body Module
6-Series (E63/E64)	2005 - 2012	KBM	C/D	•	•	Basic Body Module
6-Series (E63/E64)	2005 - 2012	KGM6	C/D	•	•	Body Gateway Module
6-Series (E63/E64)	2005 - 2009	ZGM_e65	C			Body Gateway Module
6-Series (E63/E64)	2005 - 2012	JBB8	C/D	•	•	Body Gateway Module
5-Series (E60/E61)	2005 - 2006	JBB8	C/D	•		Body Gateway Module
5-Series (E60/E61)	2005 - 2010	ZGM_e65	C			Body Gateway Module
5-Series (E60/E61)	2005 - 2012	JBB8	C/D	•	•	Body Gateway Module
5-Series (E60/E61)	2005 - 2012	KGM6	C/D	•	•	Body Gateway Module
1-Series (E87)	2005 - 2013	Code Scan				Code Scan
1-Series (F20)	2011 - 2013	Code Scan				Code Scan
3-Series (E90/E91)	2005 - 2013	Code Scan				Code Scan
3-Series (F30)	2012 - 2013	Code Scan				Code Scan
3-Series GT (F34)	2013 - 2013	Code Scan				Code Scan
5-Series (E60/E61)	2005 - 2012	Code Scan				Code Scan
5-Series GT (F07)	2009 - 2013	Code Scan				Code Scan
5-Series (F10/F11)	2009 - 2013	Code Scan				Code Scan
6-Series GC (F06)	2013 - 2013	Code Scan				Code Scan
6-Series (F12/F13)	2011 - 2013	Code Scan				Code Scan
7-Series (E65/E66)	2005 - 2009	Code Scan				Code Scan
7-Series (F01/F02)	2008 - 2013	Code Scan				Code Scan
X1 (E84)	2009 - 2013	Code Scan				Code Scan
X3 (F25)	2010 - 2013	Code Scan				Code Scan
X5 (E53)	2001 - 2007	Code Scan				Code Scan
X5 (E70)	2007 - 2013	Code Scan				Code Scan
X6 (E71)	2008 - 2013	Code Scan				Code Scan
Z4 (E89)	2009 - 2013	Code Scan				Code Scan
1-Series (E87)	2005 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
1-Series (F20)	2011 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
3-Series (E90/E91)	2005 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
3-Series (F30)	2012 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
3-Series GT (F34)	2013 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
5-Series (E60/E61)	2005 - 2012	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
5-Series GT (F07)	2009 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan

## Other Continued

BMW/MINI	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
5-Series (F10/F11)	2009 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
6-Series GC (F06)	2013 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
6-Series (F12/F13)	2011 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
7-Series (E65/E66)	2005 - 2009	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
7-Series (F01/F02)	2008 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
X1 (E84)	2009 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
X3 (F25)	2010 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
X5 (E53)	2001 - 2007	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
X5 (E70)	2007 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
X6 (E71)	2008 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
Z4 (E89)	2009 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
5-Series (E60/E61)	2003 - 2006	TMFA	C/D	•		Door Module Driver
6-Series (E63/E64)	2005 - 2006	TMFA	C/D	•		Door Module Driver
6-Series (E63)	2003 - 2004	TMFA	C/D	•		Door Module Driver
7-Series (E65/E66)	2002 - 2009	TMFA	C/D			Door Module Driver
7-Series (E65/E66)	2002 - 2009	TMFAH	C/D			Door Module Driver Rear
7-Series (E65/E66)	2002 - 2009	TMBF	C/D			Door Module Passenger
6-Series (E63)	2003 - 2004	TMBF	C/D	•		Door Module Passenger
6-Series (E63/E64)	2005 - 2006	TMBF	C/D	•		Door Module Passenger
5-Series (E60/E61)	2003 - 2006	TMBF	C/D	•		Door Module Passenger
7-Series (E65/E66)	2002 - 2009	TMBFH	C/D			Door Module Passenger Rear
7-Series (F01/F02)	2009 - 2013	eps_10	C/D	•		Electromechanical Power Steering
7-Series (F01/F02)	2009 - 2013	eps_20	C/D	•		Electromechanical Power Steering
7-Series (F01/F02)	2009 - 2013	eps_25	C/D	•		Electromechanical Power Steering
6-Series (F12/F13)	2011 - 2013	eps_10	C/D	•		Electromechanical Power Steering
6-Series (F12/F13)	2011 - 2013	eps_20	C/D	•		Electromechanical Power Steering
6-Series (F12/F13)	2011 - 2013	eps_25	C/D	•		Electromechanical Power Steering
6-Series GC (F06)	2013 - 2013	eps_10	C/D	•		Electromechanical Power Steering
6-Series GC (F06)	2013 - 2013	eps_20	C/D	•		Electromechanical Power Steering
6-Series GC (F06)	2013 - 2013	eps_25	C/D	•		Electromechanical Power Steering
3-Series GT (F34)	2013 - 2013	eps_10	C/D	•		Electromechanical Power Steering
3-Series GT (F34)	2013 - 2013	eps_20	C/D	•		Electromechanical Power Steering
3-Series GT (F34)	2013 - 2013	eps_25	C/D	•		Electromechanical Power Steering
5-Series GT (F07)	2009 - 2011	eps_10	C/D	•		Electromechanical Power Steering

## Other Continued

BMW/MINI	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
5-Series GT (F07)	2009 - 2011	eps_20	C/D	•		Electromechanical Power Steering
5-Series GT (F07)	2009 - 2011	eps_25	C/D	•		Electromechanical Power Steering
5-Series GT (F07)	2012 - 2013	eps_10	C/D	•		Electromechanical Power Steering
5-Series GT (F07)	2012 - 2013	eps_20	C/D	•		Electromechanical Power Steering
5-Series GT (F07)	2012 - 2013	eps_25	C/D	•		Electromechanical Power Steering
5-Series (F10/F11)	2009 - 2013	eps_10	C/D	•		Electromechanical Power Steering
5-Series (F10/F11)	2009 - 2013	eps_20	C/D	•		Electromechanical Power Steering
5-Series (F10/F11)	2009 - 2013	eps_25	C/D	•		Electromechanical Power Steering
1-Series (F20)	2011 - 2013	eps_10	C/D	•		Electromechanical Power Steering
1-Series (F20)	2011 - 2013	eps_20	C/D	•		Electromechanical Power Steering
1-Series (F20)	2011 - 2013	eps_25	C/D	•		Electromechanical Power Steering
3-Series (F30)	2012 - 2013	eps_10	C/D	•		Electromechanical Power Steering
3-Series (F30)	2012 - 2013	eps_20	C/D	•		Electromechanical Power Steering
3-Series (F30)	2012 - 2013	eps_25	C/D	•		Electromechanical Power Steering
3-Series (E90/E91)	2005 - 2013	EKP360	C/D	•		Electronic Fuel Pump Control
3-Series (E90/E91)	2005 - 2013	EKPM60_2	C/D	•		Electronic Fuel Pump Control
3-Series (E90/E91)	2005 - 2013	EKPM60_3	C/D	•		Electronic Fuel Pump Control
3-Series (E90/E91)	2005 - 2009	EKP60	C/D	•		Electronic Fuel Pump Control
3-Series (E46)	2004 - 2007	EKP_DS2	C/D	•		Electronic Fuel Pump Control
3-Series (E46)	2004 - 2007	EKP2DS2	C/D	•		Electronic Fuel Pump Control
1-Series (F20)	2011 - 2013	EKP301	C/D	•		Electronic Fuel Pump Control
1-Series (E87)	2003 - 2013	EKP360	C/D	•		Electronic Fuel Pump Control
1-Series (E87)	2003 - 2013	EKPM60_2	C/D	•		Electronic Fuel Pump Control
1-Series (E87)	2003 - 2013	EKPM60_3	C/D	•		Electronic Fuel Pump Control
1-Series (E87)	2003 - 2009	EKP60	C/D	•		Electronic Fuel Pump Control
5-Series GT (F07)	2009 - 2013	EKP301	C/D	•		Electronic Fuel Pump Control
5-Series (F10/F11)	2009 - 2013	EKP301	C/D	•		Electronic Fuel Pump Control
3-Series (F30)	2012 - 2013	EKP301	C/D	•		Electronic Fuel Pump Control
3-Series GT (F34)	2013 - 2013	EKP301	C/D	•		Electronic Fuel Pump Control

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flammable, I - Injector Coding, O - Oil reset for DPF, P - Particulate Filter, R - Return, RA - Reset Adaptations, S - Steering Angle Sensor, I - Inertia Body Return, JA - Jumper or Type Sent Auto, \* - Other (see table on page 26) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



### Other Continued

BMW/MINI						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
5-Series (E60/E61)	2003 - 2010	EKP60	C/D	•		Electronic Fuel Pump Control
5-Series (E60/E61)	2003 - 2012	EKP360	C/D	•		Electronic Fuel Pump Control
5-Series (E60/E61)	2003 - 2012	EKPM60_2	C/D	•		Electronic Fuel Pump Control
5-Series (E60/E61)	2003 - 2012	EKPM60_3	C/D	•		Electronic Fuel Pump Control
6-Series GC (F06)	2013 - 2013	EKP301	C/D	•		Electronic Fuel Pump Control
6-Series (F12/F13)	2011 - 2013	EKP301	C/D	•		Electronic Fuel Pump Control
6-Series (E63/E64)	2005 - 2012	EKP360	C/D	•		Electronic Fuel Pump Control
6-Series (E63/E64)	2005 - 2012	EKPM60_2	C/D	•		Electronic Fuel Pump Control
6-Series (E63/E64)	2005 - 2012	EKPM60_3	C/D	•		Electronic Fuel Pump Control
6-Series (E63/E64)	2005 - 2009	EKP60	C/D	•		Electronic Fuel Pump Control
6-Series (E63)	2003 - 2004	EKP360	C/D	•		Electronic Fuel Pump Control
6-Series (E63)	2003 - 2004	EKP60	C/D	•		Electronic Fuel Pump Control
6-Series (E63)	2003 - 2004	EKPM60_2	C/D	•		Electronic Fuel Pump Control
6-Series (E63)	2003 - 2004	EKPM60_3	C/D	•		Electronic Fuel Pump Control
7-Series (F01/F02)	2008 - 2013	EKP301	C/D	•		Electronic Fuel Pump Control
7-Series (E65/E66)	2002 - 2009	EKP360	C/D	•		Electronic Fuel Pump Control
7-Series (E65/E66)	2002 - 2009	EKP60	C/D	•		Electronic Fuel Pump Control
7-Series (E65/E66)	2002 - 2009	EKPM60_2	C/D	•		Electronic Fuel Pump Control
7-Series (E65/E66)	2002 - 2009	EKPM60_3	C/D	•		Electronic Fuel Pump Control
X3 (F25)	2010 - 2013	EKP301	C/D	•		Electronic Fuel Pump Control
X3 (E83)	2003 - 2012	EKP_DS2	C/D	•		Electronic Fuel Pump Control
X3 (E83)	2003 - 2012	EKP2DS2	C/D	•		Electronic Fuel Pump Control
X1 (E84)	2010 - 2013	EKP360	C/D	•		Electronic Fuel Pump Control
X1 (E84)	2010 - 2013	EKPM60_2	C/D	•		Electronic Fuel Pump Control
X1 (E84)	2010 - 2013	EKPM60_3	C/D	•		Electronic Fuel Pump Control
X5 (E70)	2007 - 2013	EKP360	C/D	•		Electronic Fuel Pump Control
X5 (E70)	2007 - 2013	EKPM60_2	C/D	•		Electronic Fuel Pump Control
X5 (E70)	2007 - 2013	EKPM60_3	C/D	•		Electronic Fuel Pump Control
Z4 (E89)	2010 - 2013	EKP360	C/D	•		Electronic Fuel Pump Control

### Other Continued

BMW/MINI						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
Z4 (E89)	2010 - 2013	EKPM60_2	C/D	•		Electronic Fuel Pump Control
Z4 (E89)	2010 - 2013	EKPM60_3	C/D	•		Electronic Fuel Pump Control
X6 (E72)	2010 - 2011	EKP360	C/D	•		Electronic Fuel Pump Control
X6 (E72)	2010 - 2011	EKPM60_2	C/D	•		Electronic Fuel Pump Control
X6 (E72)	2010 - 2011	EKPM60_3	C/D	•		Electronic Fuel Pump Control
X6 (E71)	2008 - 2013	EKP360	C/D	•		Electronic Fuel Pump Control
X6 (E71)	2008 - 2013	EKPM60_2	C/D	•		Electronic Fuel Pump Control
X6 (E71)	2008 - 2013	EKPM60_3	C/D	•		Electronic Fuel Pump Control
Z4 (E89)	2011 - 2013	CAS	C/D	•	•	Electronic Immobilizer
Z4 (E89)	2011 - 2013	CAS E65	C/D	•	•	Electronic Immobilizer
Z8 (E52)	1999 - 2003	EWS 2	C/D			Electronic Immobilizer
Z8 (E52)	1999 - 2003	EWS 3	C/D		•	Electronic Immobilizer
X6 (E72)	2009 - 2011	CAS	C/D			Electronic Immobilizer
Z4 (E85)	2003 - 2009	EWS 2	C/D			Electronic Immobilizer
Z4 (E85)	2003 - 2009	EWS 3	C/D		•	Electronic Immobilizer
Z4 (E89)	2009 - 2013	CAS	C/D			Electronic Immobilizer
X5 (E53)	1999 - 2007	EWS 2	C/D			Electronic Immobilizer
X5 (E53)	1999 - 2007	EWS 3	C/D		•	Electronic Immobilizer
X5 (E70)	2007 - 2013	CAS	C/D			Electronic Immobilizer
X6 (E71)	2008 - 2013	CAS	C/D			Electronic Immobilizer
X3 (E83)	2003 - 2012	EWS 2	C/D			Electronic Immobilizer
X3 (E83)	2003 - 2012	EWS 3	C/D		•	Electronic Immobilizer
X3 (F25)	2010 - 2013	CAS4_2	C/D	•		Electronic Immobilizer
X3 (E83)	2007 - 2012	EWS 3	C/D			Electronic Immobilizer
X1 (E84)	2009 - 2013	CAS	C/D			Electronic Immobilizer
7-Series (E65/E66)	2002 - 2009	CAS	C/D			Electronic Immobilizer
7-Series (E65/E66)	2002 - 2009	CAS E65	C/D	•	•	Electronic Immobilizer
7-Series (F01/F02)	2008 - 2013	CAS4_2	C/D	•		Electronic Immobilizer
6-Series (E63/E64)	2005 - 2012	CAS	C/D	•	•	Electronic Immobilizer
6-Series (E63/E64)	2007 - 2012	CAS	C/D	•	•	Electronic Immobilizer
6-Series (E63/E64)	2007 - 2012	CAS E65	C/D	•	•	Electronic Immobilizer
6-Series (F12/F13)	2011 - 2013	CAS4_2	C/D	•		Electronic Immobilizer
6-Series GC (F06)	2013 - 2013	CAS4_2	C/D	•		Electronic Immobilizer
5-Series (E60/E61)	2003 - 2012	CAS	C/D	•	•	Electronic Immobilizer
5-Series (E39)	1998 - 2004	EWS 2	C/D			Electronic Immobilizer
5-Series (E39)	1998 - 2004	EWS 3	C/D		•	Electronic Immobilizer
5-Series GT (F07)	2009 - 2013	CAS4_2	C/D	•		Electronic Immobilizer
5-Series (F10/F11)	2009 - 2013	CAS4_2	C/D	•		Electronic Immobilizer
5-Series (E60/E61)	2007 - 2012	CAS	C/D			Electronic Immobilizer
5-Series (E60/E61)	2006 - 2012	CAS E65	C/D	•	•	Electronic Immobilizer
6-Series (E63)	2003 - 2004	CAS	C/D	•	•	Electronic Immobilizer
1-Series (E87)	2003 - 2013	CAS	C/D	•	•	Electronic Immobilizer
1-Series (E87)	2007 - 2012	CAS E65	C/D	•	•	Electronic Immobilizer
3-Series (E46)	1997 - 2007	EWS 2	C/D			Electronic Immobilizer
3-Series (E46)	1997 - 2007	EWS 3	C/D		•	Electronic Immobilizer
3-Series (E90/E91)	2005 - 2012	CAS E65	C/D	•	•	Electronic Immobilizer
3-Series (E90/E91)	2005 - 2013	CAS	C/D	•	•	Electronic Immobilizer
3-Series (E90/E91)	2007 - 2013	CAS	C/D	•		Electronic Immobilizer

### Other Continued

BMW/MINI						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
3-Series (E90/E91)	2007 - 2013	EPS56	C/D	•		Electronic Power Steering
3-Series (E90/E91)	2005 - 2013	eps_90	C/D			Electronic Power Steering
1-Series (E87)	2005 - 2013	eps_90	C/D			Electronic Power Steering
1-Series (E87)	2007 - 2013	EPS56	C/D	•		Electronic Power Steering
Z4 (E85)	2003 - 2009	eps_85_2	C/D			Electronic Power Steering
Z4 (E89)	2009 - 2013	eps_90	C/D			Electronic Power Steering
Z4 (E89)	2009 - 2013	EPS56	C/D	•		Electronic Power Steering
8-Series (E31)	1992 - 1997	EMS 2.2	C			EML /EMS
7-Series (E32)	1992 - 1996	EMS 2.2	C			EML /EMS
7-Series (E38)	1993 - 1999	EML-III S	C			EML /EMS
8-Series (E31)	1992 - 1999	EML S70	C			EML /EMS
8-Series (E31)	1994 - 1999	EML-III S	C			EML /EMS
7-Series (E38)	1997 - 2001	EML-III S	C			EMS/EML
7-Series (F01/F02)	2008 - 2013	FRM3	C/D	•		Footwell Module
6-Series GC (F06)	2013 - 2013	FRM3	C/D	•		Footwell Module
6-Series (F12/F13)	2011 - 2013	FRM3	C/D	•		Footwell Module
X1 (E84)	2009 - 2013	FRM70	C/D	•	•	Footwell Module
X1 (E84)	2009 - 2013	FRM87	C/D	•	•	Footwell Module
X3 (F25)	2010 - 2013	FRM3	C/D	•		Footwell Module
X5 (E70)	2007 - 2013	FRM70	C/D	•	•	Footwell Module
X5 (E70)	2007 - 2013	FRM87	C/D	•	•	Footwell Module
1-Series (E87)	2003 - 2013	FRM87	C/D	•	•	Footwell Module
1-Series (E87)	2003 - 2009	FRM70	C/D	•	•	Footwell Module
1-Series (E87)	2008 - 2013	FRM70 E87	C/D	•	•	Footwell Module
3-Series (E90/E91)	2005 - 2013	FRM70	C/D	•	•	Footwell Module
3-Series (E90/E91)	2005 - 2013	FRM87	C/D	•	•	Footwell Module
5-Series GT (F07)	2009 - 2013	FRM3	C/D	•		Footwell Module
5-Series (F10/F11)	2009 - 2013	FRM3	C/D	•		Footwell Module
Z4 (E89)	2009 - 2013	FRM70	C/D	•	•	Footwell Module
Z4 (E89)	2009 - 2013	FRM87	C/D	•	•	Footwell Module
X6 (E71)	2008 - 2013	FRM70	C/D	•	•	Footwell Module
X6 (E71)	2008 - 2013	FRM87	C/D	•	•	Footwell Module
X6 (E72)	2009 - 2011	FRM70	C/D	•	•	Footwell Module
X6 (E72)	2009 - 2011	FRM87	C/D	•	•	Footwell Module
3-Series GT (F34)	2013 - 2013	FEM_20	C/D	•	•	Front Electronic Module
3-Series (F30)	2012 - 2013	FEM_20	C/D	•	•	Front Electronic Module
1-Series (F20)	2011 - 2013	FEM_20	C/D	•	•	Front Electronic Module
1-Series (F20)	2011 - 2013	GWS_01	C/D	•		Gear Selector Switch
1-Series (F20)	2011 - 2013	GWS2	C/D	•		Gear Selector Switch
3-Series (E90/E91)	2008 - 2013	gws_60	C/D	•		Gear Selector Switch
3-Series (E90/E91)	2008 - 2013	gws_60_2	C/D	•		Gear Selector Switch
3-Series (E90/E91)	2008 - 2013	gws_70	C/D	•		Gear Selector Switch
3-Series (E90/E91)	2008 - 2013	gws_90	C/D	•		Gear Selector Switch
3-Series (F30)	2012 - 2013	GWS_01	C/D	•		Gear Selector Switch
3-Series (F30)	2012 - 2013	GWS2	C/D	•		Gear Selector Switch
3-Series GT (F34)	2013 - 2013	GWS_01	C/D	•		Gear Selector Switch
3-Series GT (F34)	2013 - 2013	GWS2	C/D	•		Gear Selector Switch
5-Series GT (F07)	2009 - 2013	GWS_01	C/D	•		Gear Selector Switch
5-Series GT (F07)	2009 - 2013	GWS2	C/D	•		Gear Selector Switch
5-Series (F10/F11)	2009 - 2013	GWS_01	C/D	•		Gear Selector Switch
5-Series (F10/F11)	2009 - 2013	GWS2	C/D	•		Gear Selector Switch
5-Series (E60/E61)	2008 - 2012	gws_60	C/D	•		Gear Selector Switch
5-Series (E60/E61)	2008 - 2012	gws_60_2	C/D	•		Gear Selector Switch
5-Series (E60/E61)	2008 - 2012	gws_70	C/D	•		Gear Selector Switch

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, RA- Reset Adaptations, S- Steering Angle Sensor, F- Front Body Relearn, JA- Jumper or Type Semi-Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Other Continued

Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
5-Series (E60/E61)	2008 - 2012	gws_90	C/D	•		Gear Selector Switch
X5 (E70)	2007 - 2013	gws_60	C/D	•		Gear Selector Switch
X5 (E70)	2007 - 2013	gws_60_2	C/D	•		Gear Selector Switch
X5 (E70)	2007 - 2013	gws_70	C/D	•		Gear Selector Switch
X5 (E70)	2007 - 2013	gws_90	C/D	•		Gear Selector Switch
6-Series GC (F06)	2013 - 2013	GWS_01	C/D	•		Gear Selector Switch
6-Series GC (F06)	2013 - 2013	GWS2	C/D	•		Gear Selector Switch
6-Series (F12/F13)	2011 - 2013	GWS_01	C/D	•		Gear Selector Switch
6-Series (F12/F13)	2011 - 2013	GWS2	C/D	•		Gear Selector Switch
7-Series (F01/F02)	2008 - 2013	GWS_01	C/D	•		Gear Selector Switch
7-Series (F01/F02)	2008 - 2013	GWS2	C/D	•		Gear Selector Switch
6-Series GC (F06)	2013 - 2013	JBBF3	C/D	•		Junction Box Electronics
6-Series (F12/F13)	2011 - 2013	JBBF3	C/D	•		Junction Box Electronics
X5 (E70)	2007 - 2013	JBB7a	C/D	•		Junction Box Electronics
X5 (E70)	2007 - 2013	JBB7b	C/D	•		Junction Box Electronics
X5 (E70)	2007 - 2013	JBB8	C/D	•		Junction Box Electronics
X5 (E70)	2007 - 2013	KGM6	C/D	•		Junction Box Electronics
X3 (F25)	2010 - 2013	JBBF3	C/D	•		Junction Box Electronics
7-Series (F01/F02)	2008 - 2013	JBBF3	C/D	•		Junction Box Electronics
X1 (E84)	2009 - 2013	JBB7a	C/D	•		Junction Box Electronics
X1 (E84)	2009 - 2013	JBB7b	C/D	•		Junction Box Electronics
X1 (E84)	2009 - 2013	JBB8	C/D	•		Junction Box Electronics
X1 (E84)	2009 - 2013	KGM6	C/D	•		Junction Box Electronics
5-Series GT (F07)	2009 - 2013	JBBF3	C/D	•		Junction Box Electronics
5-Series (F10/F11)	2009 - 2013	JBBF3	C/D	•		Junction Box Electronics
3-Series (E90/E91)	2007 - 2013	JBB7a	C/D	•		Junction Box Electronics
3-Series (E90/E91)	2007 - 2013	JBB7b	C/D	•		Junction Box Electronics
3-Series (E90/E91)	2005 - 2013	JBB8	C/D	•		Junction Box Electronics
3-Series (E90/E91)	2005 - 2013	KGM6	C/D	•		Junction Box Electronics
3-Series (E90/E91)	2005 - 2009	JBB7	C/D	•		Junction Box Electronics
1-Series (E87)	2003 - 2012	JBB7	C/D	•		Junction Box Electronics
1-Series (E87)	2003 - 2013	JBB8	C/D	•		Junction Box Electronics
1-Series (E87)	2003 - 2013	KGM6	C/D	•		Junction Box Electronics
1-Series (E87)	2007 - 2013	JBB7a	C/D	•		Junction Box Electronics
1-Series (E87)	2007 - 2013	JBB7b	C/D	•		Junction Box Electronics
X6 (E72)	2009 - 2011	JBB7a	C/D	•		Junction Box Electronics
X6 (E72)	2009 - 2011	JBB7b	C/D	•		Junction Box Electronics
X6 (E72)	2009 - 2011	JBB8	C/D	•		Junction Box Electronics
X6 (E72)	2009 - 2011	KGM6	C/D	•		Junction Box Electronics
X6 (E71)	2008 - 2013	JBB7a	C/D	•		Junction Box Electronics
X6 (E71)	2008 - 2013	JBB7b	C/D	•		Junction Box Electronics
X6 (E71)	2008 - 2013	JBB8	C/D	•		Junction Box Electronics
X6 (E71)	2008 - 2013	KGM6	C/D	•		Junction Box Electronics
Z4 (E89)	2009 - 2013	JBB7a	C/D	•		Junction Box Electronics
Z4 (E89)	2009 - 2013	JBB7b	C/D	•		Junction Box Electronics
Z4 (E89)	2009 - 2013	JBB8	C/D	•		Junction Box Electronics
Z4 (E89)	2009 - 2013	KGM6	C/D	•		Junction Box Electronics
5-Series (E60/E61)	2003 - 2012	LM_AHL	C/D	•		Lights Module
5-Series (E60/E61)	2003 - 2012	LM_AHL_2	C/D	•		Lights Module
5-Series (E60/E61)	2003 - 2012	LM_E60	C/D	•		Lights Module
5-Series (E60/E61)	2003 - 2012	LM_E65_2	C/D	•		Lights Module
6-Series (E63/E64)	2005 - 2012	LM_AHL	C/D	•		Lights Module
6-Series (E63/E64)	2005 - 2012	LM_AHL_2	C/D	•		Lights Module
6-Series (E63/E64)	2005 - 2012	LM_E60	C/D	•		Lights Module

## Other Continued

Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
6-Series (E63/E64)	2005 - 2012	LM_E65_2	C/D	•		Lights Module
7-Series (E65/E66)	2002 - 2009	LM_AHL	C/D	•		Lights Module
7-Series (E65/E66)	2002 - 2009	LM_AHL_2	C/D	•		Lights Module
7-Series (E65/E66)	2002 - 2009	LM_E60	C/D	•		Lights Module
7-Series (E65/E66)	2002 - 2009	LM_E65_2	C/D	•		Lights Module
7-Series (E65/E66)	2002 - 2009	PDC 3	C/D	•		Park Distance Control
7-Series (E65/E66)	2002 - 2009	PDC 4	C/D	•		Park Distance Control
7-Series (E65/E66)	2002 - 2009	PDC 5	C/D	•		Park Distance Control
7-Series (E38)	1993 - 2001	PDC 1	C/D	•		Park Distance Control
7-Series (E38)	1993 - 2001	PDC 2	C/D	•		Park Distance Control
6-Series (E63/E64)	2005 - 2012	PDC 3	C/D	•		Park Distance Control
6-Series (E63/E64)	2005 - 2012	PDC 4	C/D	•		Park Distance Control
6-Series (E63/E64)	2005 - 2012	PDC 5	C/D	•		Park Distance Control
6-Series (E63/E64)	2007 - 2012	PDC 6	C/D	•		Park Distance Control
X1 (E84)	2009 - 2013	PDC 3	C/D	•		Park Distance Control
X1 (E84)	2009 - 2013	PDC 4	C/D	•		Park Distance Control
X1 (E84)	2009 - 2013	PDC 5	C/D	•		Park Distance Control
X1 (E84)	2009 - 2013	PDC 6	C/D	•		Park Distance Control
X3 (E83)	2003 - 2012	PDC 1	C/D	•		Park Distance Control
X3 (E83)	2003 - 2012	PDC 2	C/D	•		Park Distance Control
X5 (E70)	2007 - 2013	PDC 3	C/D	•		Park Distance Control
X5 (E70)	2007 - 2013	PDC 4	C/D	•		Park Distance Control
X5 (E70)	2007 - 2013	PDC 5	C/D	•		Park Distance Control
X5 (E70)	2007 - 2013	PDC 6	C/D	•		Park Distance Control
X5 (E53)	1999 - 2007	PDC 1	C/D	•		Park Distance Control
X5 (E53)	1999 - 2007	PDC 2	C/D	•		Park Distance Control
5-Series (E60/E61)	2003 - 2012	PDC 3	C/D	•		Park Distance Control
5-Series (E60/E61)	2003 - 2012	PDC 4	C/D	•		Park Distance Control
5-Series (E60/E61)	2003 - 2012	PDC 5	C/D	•		Park Distance Control
5-Series (E39)	1995 - 2004	PDC 1	C/D	•		Park Distance Control
5-Series (E39)	1995 - 2004	PDC 2	C/D	•		Park Distance Control
6-Series (E63)	2003 - 2004	PDC 3	C/D	•		Park Distance Control
6-Series (E63)	2003 - 2004	PDC 4	C/D	•		Park Distance Control
6-Series (E63)	2003 - 2004	PDC 5	C/D	•		Park Distance Control
6-Series (E60/E61)	2006 - 2012	PDC 6	C/D	•		Park Distance Control
1-Series (E87)	2007 - 2013	PDC 6	C/D	•		Park Distance Control
1-Series (E87)	2003 - 2013	PDC 3	C/D	•		Park Distance Control
1-Series (E87)	2003 - 2013	PDC 4	C/D	•		Park Distance Control
1-Series (E87)	2003 - 2013	PDC 5	C/D	•		Park Distance Control
3-Series (E46)	1997 - 2007	PDC 1	C/D	•		Park Distance Control
3-Series (E46)	1997 - 2007	PDC 2	C/D	•		Park Distance Control
3-Series (E90/E91)	2005 - 2013	PDC 3	C/D	•		Park Distance Control
3-Series (E90/E91)	2005 - 2013	PDC 4	C/D	•		Park Distance Control
3-Series (E90/E91)	2005 - 2013	PDC 5	C/D	•		Park Distance Control
3-Series (E90/E91)	2005 - 2013	PDC 6	C/D	•		Park Distance Control
Z4 (E89)	2009 - 2013	PDC 3	C/D	•		Park Distance Control
Z4 (E89)	2009 - 2013	PDC 4	C/D	•		Park Distance Control
Z4 (E89)	2009 - 2013	PDC 5	C/D	•		Park Distance Control
Z4 (E89)	2009 - 2013	PDC 6	C/D	•		Park Distance Control
X6 (E71)	2008 - 2013	PDC 3	C/D	•		Park Distance Control
X6 (E71)	2008 - 2013	PDC 4	C/D	•		Park Distance Control
X6 (E71)	2008 - 2013	PDC 5	C/D	•		Park Distance Control
X6 (E71)	2008 - 2013	PDC 6	C/D	•		Park Distance Control
X6 (E72)	2009 - 2011	PDC 3	C/D	•		Park Distance Control
X6 (E72)	2009 - 2011	PDC 4	C/D	•		Park Distance Control
X6 (E72)	2009 - 2011	PDC 5	C/D	•		Park Distance Control

## Other Continued

Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
X6 (E72)	2009 - 2011	PDC 6	C/D	•		Park Distance Control
X6 (E72)	2009 - 2011	EMF 2	C/D	•		Parking Brake
X6 (E72)	2009 - 2011	EMF 3	C/D	•		Parking Brake
X6 (E71)	2008 - 2013	EMF 2	C/D	•		Parking Brake
X6 (E71)	2008 - 2013	EMF 3	C/D	•		Parking Brake
Z4 (E89)	2009 - 2013	EMF 2	C/D	•		Parking Brake
Z4 (E89)	2009 - 2013	EMF 3	C/D	•		Parking Brake
5-Series (F10/F11)	2009 - 2013	EMF F01	C/D	•	BS	Parking Brake
5-Series (F10/F11)	2009 - 2013	EMF F10	C/D	•	BS	Parking Brake
5-Series GT (F07)	2009 - 2013	EMF F01	C/D	•	BS	Parking Brake
5-Series GT (F07)	2009 - 2013	EMF F10	C/D	•	BS	Parking Brake
X5 (E70)	2007 - 2013	EMF 2	C/D	•		Parking Brake
X5 (E70)	2007 - 2013	EMF 3	C/D	•		Parking Brake
X3 (F25)	2010 - 2013	EMF F01	C/D	•	BS	Parking Brake
X3 (F25)	2010 - 2013	EMF F10	C/D	•	BS	Parking Brake
6-Series GC (F06)	2013 - 2013	EMF F01	C/D	•	BS	Parking Brake
6-Series GC (F06)	2013 - 2013	EMF F10	C/D	•	BS	Parking Brake
6-Series (F12/F13)	2011 - 2013	EMF F01	C/D	•	BS	Parking Brake
6-Series (F12/F13)	2011 - 2013	EMF F10	C/D	•	BS	Parking Brake
7-Series (E65/E66)	2002 - 2009	EMF 1	C/D	•	BS	Parking Brake
7-Series (F01/F02)	2008 - 2013	EMF F01	C/D	•	BS	Parking Brake
7-Series (F01/F02)	2008 - 2013	EMF F10	C/D	•	BS	Parking Brake
7-Series (E65/E66)	2002 - 2009	POW65	C/D	•		Power Management
7-Series (E65/E66)	2002 - 2009	POW65 2	C/D	•		Power Management
7-Series (E65/E66)	2002 - 2009	POW65 3	C/D	•		Power Management
6-Series (E63/E64)	2005 - 2006	POW60	C/D	•		Power Management
6-Series (E60/E61)	2003 - 2006	POW60	C/D	•		Power Management
6-Series (E63)	2003 - 2004	POW60	C/D	•		Power Management
6-Series (E63)	2003 - 2004	RLS E65	C/D	•		Rain Light Sensor
6-Series (E63)	2003 - 2004	RLS_87	C/D	•		Rain Light Sensor
6-Series (E63)	2003 - 2004	RLSS70	C/D	•		Rain Light Sensor
6-Series (E63)	2003 - 2004	RLSS90	C/D	•		Rain Light Sensor
5-Series (E60/E61)	2003 - 2012	RLS E65	C/D	•		Rain Light Sensor
5-Series (E60/E61)	2003 - 2012	RLS_87	C/D	•		Rain Light Sensor
5-Series (E60/E61)	2003 - 2012	RLSS70	C/D	•		Rain Light Sensor
5-Series (E60/E61)	2003 - 2012	RLSS90	C/D	•		Rain Light Sensor
3-Series (E90/E91)	2005 - 2013	RLS E65	C/D	•		Rain Light Sensor
3-Series (E90/E91)	2005 - 2013	RLS_87	C/D	•		Rain Light Sensor
3-Series (E90/E91)	2005 - 2013	RLSS70	C/D	•		Rain Light Sensor
3-Series (E90/E91)	2005 - 2013	RLSS90	C/D	•		Rain Light Sensor
1-Series (E87)	2003 - 2013	RLS E65	C/D	•		Rain Light Sensor
1-Series (E87)	2003 - 2013	RLS_87	C/D	•		Rain Light Sensor
1-Series (E87)	2003 - 2013	RLSS70	C/D	•		Rain Light Sensor
1-Series (E87)	2003 - 2013	RLSS90	C/D	•		Rain Light Sensor
6-Series (E63/E64)	2005 - 2012	RLS E65	C/D	•		Rain Light Sensor
6-Series (E63/E64)	2005 - 2012	RLS_87	C/D	•		Rain Light Sensor
6-Series (E63/E64)	2005 - 2012	RLSS70	C/D	•		Rain Light Sensor
6-Series (E63/E64)	2005 - 2012	RLSS90	C/D	•		Rain Light Sensor
7-Series (E65/E66)	2002 - 2008	RLS E65	C/D	•		Rain Light Sensor
7-Series (E65/E66)	2002 - 2008	RLS_87	C/D	•		Rain Light Sensor
7-Series (E65/E66)	2002 - 2008	RLSS70	C/D	•		Rain Light Sensor
7-Series (E65/E66)	2002 - 2008	RLSS90	C/D	•		Rain Light Sensor
X1 (E84)	2009 - 2013	RLS E65	C/D	•		Rain Light Sensor
X1 (E84)	2009 - 2013	RLS_87	C/D	•		Rain Light Sensor
X1 (E84)	2009 - 2013	RLSS70	C/D	•		Rain Light Sensor

Key for Special Functions: BB - Brake Blend, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flammable, I - Injector Coding, O - Oil reset for DPF, P - Particulate Filter, R - Return, RA - Reset Adaptation, S - Steering Angle Sensor, I - Inertia Body Return, J - Jumper or Type Sent Auto, \* - Other (see table on page 26) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



## Other Continued

BMW/MINI	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
X1 (E84)	2009 - 2013	RLSS90	C/D	•		Rain Light Sensor
X5 (E70)	2007 - 2013	RLS E65	C/D			Rain Light Sensor
X5 (E70)	2007 - 2013	RLS_87	C/D	•		Rain Light Sensor
X5 (E70)	2007 - 2013	RLSS70	C/D			Rain Light Sensor
X5 (E70)	2007 - 2013	RLSS90	C/D	•		Rain Light Sensor
Z4 (E89)	2009 - 2013	RLS E65	C/D			Rain Light Sensor
Z4 (E89)	2009 - 2013	RLS_87	C/D	•		Rain Light Sensor
Z4 (E89)	2009 - 2013	RLSS70	C/D			Rain Light Sensor
Z4 (E89)	2009 - 2013	RLSS90	C/D	•		Rain Light Sensor
X6 (E71)	2008 - 2013	RLS E65	C/D			Rain Light Sensor
X6 (E71)	2008 - 2013	RLS_87	C/D	•		Rain Light Sensor
X6 (E71)	2008 - 2013	RLSS70	C/D			Rain Light Sensor
X6 (E71)	2008 - 2013	RLSS90	C/D	•		Rain Light Sensor
X6 (E72)	2009 - 2011	RLS E65	C/D			Rain Light Sensor
X6 (E72)	2009 - 2011	RLS_87	C/D	•		Rain Light Sensor
X6 (E72)	2009 - 2011	RLSS70	C/D			Rain Light Sensor
X6 (E72)	2009 - 2011	RLSS90	C/D	•		Rain Light Sensor
1-Series (F20)	2011 - 2013	REM_20	C/D	•		Rear Electronic Module
3-Series (F30)	2012 - 2013	REM_20	C/D	•		Rear Electronic Module
3-Series GT (F34)	2013 - 2013	REM_20	C/D	•		Rear Electronic Module
3-Series GT (F34)	2013 - 2013	FZD_20	C/D	•		Roof Function Centre
3-Series GT (F34)	2013 - 2013	FZD3	C/D	•		Roof Function Centre
5-Series (F10/F11)	2009 - 2013	FZD_20	C/D	•		Roof Function Centre
5-Series (F10/F11)	2009 - 2013	FZD3	C/D	•		Roof Function Centre
5-Series GT (F07)	2009 - 2013	FZD_20	C/D	•		Roof Function Centre
5-Series GT (F07)	2009 - 2013	FZD3	C/D	•		Roof Function Centre
3-Series (F30)	2012 - 2013	FZD_20	C/D	•		Roof Function Centre
3-Series (F30)	2012 - 2013	FZD3	C/D	•		Roof Function Centre
3-Series (E90/E91)	2008 - 2013	FZD_70	C/D	•		Roof Function Centre
3-Series (E90/E91)	2005 - 2013	FZD_87	C/D	•		Roof Function Centre
3-Series (E90/E91)	2005 - 2009	FZD_70	C/D	•		Roof Function Centre
1-Series (E87)	2009 - 2013	FZD_70	C/D	•		Roof Function Centre
1-Series (F20)	2011 - 2013	FZD_20	C/D	•		Roof Function Centre
1-Series (F20)	2011 - 2013	FZD3	C/D	•		Roof Function Centre
1-Series (E87)	2003 - 2013	FZD_87	C/D	•		Roof Function Centre
1-Series (E87)	2003 - 2009	FZD_70	C/D	•		Roof Function Centre
X5 (E70)	2009 - 2013	FZD_70	C/D	•		Roof Function Centre
X6 (E71)	2008 - 2008	FZD_70	C/D	•		Roof Function Centre
X5 (E70)	2007 - 2013	FZD_87	C/D	•		Roof Function Centre
X5 (E70)	2007 - 2008	FZD_70	C/D	•		Roof Function Centre
X1 (E84)	2009 - 2013	FZD_70	C/D	•		Roof Function Centre
X1 (E84)	2009 - 2013	FZD_87	C/D	•		Roof Function Centre
X3 (F25)	2011 - 2013	FZD_20	C/D	•		Roof Function Centre
X3 (F25)	2011 - 2013	FZD3	C/D	•		Roof Function Centre
7-Series (F01/F02)	2008 - 2013	FZD_20	C/D	•		Roof Function Centre
7-Series (F01/F02)	2008 - 2013	FZD3	C/D	•		Roof Function Centre
6-Series (F12/F13)	2011 - 2013	FZD_20	C/D	•		Roof Function Centre
6-Series (F12/F13)	2011 - 2013	FZD3	C/D	•		Roof Function Centre
6-Series GC (F06)	2013 - 2013	FZD_20	C/D	•		Roof Function Centre
6-Series GC (F06)	2013 - 2013	FZD3	C/D	•		Roof Function Centre
X6 (E72)	2009 - 2011	FZD_70	C/D	•		Roof Function Centre
X6 (E72)	2009 - 2011	FZD_87	C/D	•		Roof Function Centre
X6 (E71)	2008 - 2013	FZD_87	C/D	•		Roof Function Centre
X6 (E71)	2009 - 2013	FZD_70	C/D	•		Roof Function Centre

## Other Continued

BMW/MINI	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Z4 (E89)	2009 - 2013	FZD_70	C/D	•		Roof Function Centre
Z4 (E89)	2009 - 2013	FZD_87	C/D	•		Roof Function Centre
Z4 (E89)	2009 - 2013	FAS_PLX_50	C/D	•		Seat Module Driver
X6 (E71)	2008 - 2013	FAS_PLX_40	C/D	•		Seat Module Driver
X6 (E71)	2008 - 2013	FAS_PLX_50	C/D	•		Seat Module Driver
X6 (E72)	2009 - 2011	FAS_PLX_40	C/D	•		Seat Module Driver
X6 (E72)	2009 - 2011	FAS_PLX_50	C/D	•		Seat Module Driver
7-Series (E65/E66)	2002 - 2009	FAS_65_2_51	C/D	•		Seat Module Driver
7-Series (E65/E66)	2002 - 2009	FAS_PLX_40	C/D	•		Seat Module Driver
7-Series (E65/E66)	2002 - 2009	FAS_PLX_50	C/D	•		Seat Module Driver
X1 (E84)	2009 - 2013	FAS_PLX_30	C/D	•		Seat Module Driver
X1 (E84)	2009 - 2013	FAS_PLX_40	C/D	•		Seat Module Driver
X1 (E84)	2009 - 2013	FAS_PLX_50	C/D	•		Seat Module Driver
X5 (E70)	2007 - 2013	FAS_PLX_40	C/D	•		Seat Module Driver
X5 (E70)	2007 - 2013	FAS_PLX_50	C/D	•		Seat Module Driver
1-Series (E87)	2003 - 2013	FAS_PLX_30	C/D	•		Seat Module Driver
1-Series (E87)	2003 - 2013	FAS_PLX_50	C/D	•		Seat Module Driver
3-Series (E90/E91)	2005 - 2013	FAS_PLX_30	C/D	•		Seat Module Driver
3-Series (E90/E91)	2005 - 2013	FAS_PLX_40	C/D	•		Seat Module Driver
3-Series (E90/E91)	2005 - 2013	FAS_PLX_50	C/D	•		Seat Module Driver
5-Series (E60/E61)	2009 - 2009	FAS_PLX_40	C/D	•		Seat Module Driver
5-Series (E60/E61)	2003 - 2012	FAS_65_2_51	C/D	•		Seat Module Driver
5-Series (E60/E61)	2003 - 2012	FAS_PLX_50	C/D	•		Seat Module Driver
5-Series (E90/E91)	2009 - 2009	FAH_PLX_40	C/D	•		Seat Module Driver Rear
5-Series (E60/E61)	2003 - 2012	FAH_65_2_51	C/D	•		Seat Module Driver Rear
5-Series (E60/E61)	2003 - 2012	FAH_PLX_50	C/D	•		Seat Module Driver Rear
3-Series (E90/E91)	2005 - 2013	FAH_PLX_30	C/D	•		Seat Module Driver Rear
3-Series (E90/E91)	2005 - 2013	FAH_PLX_40	C/D	•		Seat Module Driver Rear
3-Series (E90/E91)	2005 - 2013	FAH_PLX_50	C/D	•		Seat Module Driver Rear
7-Series (E65/E66)	2002 - 2009	FAH_65_2_51	C/D	•		Seat Module Driver Rear
7-Series (E65/E66)	2002 - 2009	FAH_PLX_40	C/D	•		Seat Module Driver Rear
7-Series (E65/E66)	2002 - 2009	FAH_PLX_50	C/D	•		Seat Module Driver Rear
X1 (E84)	2009 - 2013	BFS_PLX_30	C/D	•		Seat Module Passenger
X1 (E84)	2009 - 2013	BFS_PLX_40	C/D	•		Seat Module Passenger
X1 (E84)	2009 - 2013	BFS_PLX_50	C/D	•		Seat Module Passenger
3-Series (E90/E91)	2007 - 2013	BFS_PLX_30	C/D	•		Seat Module Passenger
3-Series (E90/E91)	2007 - 2013	BFS_PLX_40	C/D	•		Seat Module Passenger
3-Series (E90/E91)	2007 - 2013	BFS_PLX_50	C/D	•		Seat Module Passenger
1-Series (E87)	2003 - 2013	BFS_PLX_30	C/D	•		Seat Module Passenger
1-Series (E87)	2003 - 2013	BFS_PLX_50	C/D	•		Seat Module Passenger
5-Series (E60/E61)	2003 - 2010	BFS_65_2_51	C/D	•		Seat Module Passenger
5-Series (E60/E61)	2003 - 2010	BFS_PLX_50	C/D	•		Seat Module Passenger
5-Series (E60/E61)	2003 - 2010	BFH_65_2_51	C/D	•		Seat Module Passenger Rear
5-Series (E60/E61)	2003 - 2010	BFH_PLX_50	C/D	•		Seat Module Passenger Rear
3-Series (E90/E91)	2007 - 2013	BFH_PLX_30	C/D	•		Seat Module Passenger Rear
3-Series (E90/E91)	2007 - 2013	BFH_PLX_40	C/D	•		Seat Module Passenger Rear
3-Series (E90/E91)	2007 - 2013	BFH_PLX_50	C/D	•		Seat Module Passenger Rear
3-Series (E90/E91)	2005 - 2008	BFS_PLX_30	C/D	•		Seat Module Passengers
3-Series (E90/E91)	2005 - 2008	BFS_PLX_40	C/D	•		Seat Module Passengers
3-Series (E90/E91)	2005 - 2008	BFS_PLX_50	C/D	•		Seat Module Passengers
5-Series (E60/E61)	2009 - 2009	BFS_PLX_40	C/D	•		Seat Module Passengers

## Other Continued

BMW/MINI	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
5-Series (E60/E61)	2007 - 2012	BFS_65_2_51	C/D	•		Seat Module Passengers
5-Series (E60/E61)	2007 - 2012	BFS_PLX_50	C/D	•		Seat Module Passengers
X5 (E70)	2007 - 2013	BFS_PLX_40	C/D	•		Seat Module Passengers
X5 (E70)	2007 - 2013	BFS_PLX_50	C/D	•		Seat Module Passengers
X6 (E71)	2008 - 2013	BFS_PLX_40	C/D	•		Seat Module Passengers
X6 (E71)	2008 - 2013	BFS_PLX_50	C/D	•		Seat Module Passengers
7-Series (E65/E66)	2002 - 2009	BFS_65_2_51	C/D	•		Seat Module Passengers
7-Series (E65/E66)	2002 - 2009	BFS_PLX_40	C/D	•		Seat Module Passengers
7-Series (E65/E66)	2002 - 2009	BFS_PLX_50	C/D	•		Seat Module Passengers
X6 (E72)	2009 - 2011	BFS_PLX_40	C/D	•		Seat Module Passengers
X6 (E72)	2009 - 2011	BFS_PLX_50	C/D	•		Seat Module Passengers
7-Series (E65/E66)	2002 - 2009	BFH_65_2_51	C/D	•		Seat Module Passengers Rear
7-Series (E65/E66)	2002 - 2009	BFH_PLX_40	C/D	•		Seat Module Passengers Rear
7-Series (E65/E66)	2002 - 2009	BFH_PLX_50	C/D	•		Seat Module Passengers Rear
5-Series (E60/E61)	2009 - 2009	BFH_PLX_40	C/D	•		Seat Module Passengers Rear
5-Series (E60/E61)	2007 - 2012	BFH_65_2_51	C/D	•		Seat Module Passengers Rear
5-Series (E60/E61)	2007 - 2012	BFH_PLX_50	C/D	•		Seat Module Passengers Rear
3-Series (E90/E91)	2005 - 2008	BFH_PLX_30	C/D	•		Seat Module Passengers Rear
3-Series (E90/E91)	2005 - 2008	BFH_PLX_40	C/D	•		Seat Module Passengers Rear
3-Series (E90/E91)	2005 - 2008	BFH_PLX_50	C/D	•		Seat Module Passengers Rear
3-Series (E90/E91)	2005 - 2013	Service Interval Reset				Service Interval Reset
3-Series GT (F34)	2013 - 2013	Service Interval Reset				Service Interval Reset
3-Series (F30)	2012 - 2013	Service Interval Reset				Service Interval Reset
1-Series (E87)	2003 - 2013	Service Interval Reset				Service Interval Reset
1-Series (F20)	2011 - 2013	Service Interval Reset				Service Interval Reset
3-Series (E30)	1992 - 1995	Service Interval Reset				Service Interval Reset
3-Series (E36)	1992 - 1999	Service Interval Reset				Service Interval Reset
5-Series (F10/F11)	2009 - 2013	Service Interval Reset				Service Interval Reset
5-Series GT (F07)	2009 - 2013	Service Interval Reset				Service Interval Reset
6-Series (E63)	2003 - 2004	Service Interval Reset	D			Service Interval Reset
5-Series (E60/E61)	2003 - 2012	Service Interval Reset	D			Service Interval Reset
5-Series (E34)	1992 - 1997	Service Interval Reset				Service Interval Reset
7-Series (E38)	1993 - 1999	Service Interval Reset				Service Interval Reset
7-Series (E32)	1992 - 1996	Service Interval Reset				Service Interval Reset
8-Series (E31)	1992 - 1999	Service Interval Reset				Service Interval Reset

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flammable, H - Injector Coding, O - Oil Reset for DPF, P - Particulate Filter, R - Return, RB - Reset Adaptations, S - Steering Angle Sensor, I - Inertia Body Return, A - Type Auto or Type Semi Auto, \* - Other (see table on page 26) Dark grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

Other Continued

BMW/MINI	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
7-Series (F01/F02)	2008 - 2013	Service Interval Reset					Service Interval Reset
6-Series GC (F06)	2013 - 2013	Service Interval Reset					Service Interval Reset
6-Series (F12/F13)	2011 - 2013	Service Interval Reset					Service Interval Reset
6-Series (E63/E64)	2005 - 2012	Service Interval Reset	D				Service Interval Reset
X6 (E71)	2008 - 2013	Service Interval Reset					Service Interval Reset
X5 (E70)	2007 - 2013	Service Interval Reset					Service Interval Reset
X1 (E84)	2009 - 2013	Service Interval Reset					Service Interval Reset
7-Series (E65/E66)	2003 - 2009	Service Interval Reset	D				Service Interval Reset
X3 (F25)	2010 - 2013	Service Interval Reset					Service Interval Reset
Z1 (E30)	1992 - 1992	Service Interval Reset					Service Interval Reset
Z3 (E36)	1995 - 1999	Service Interval Reset					Service Interval Reset
X6 (E72)	2009 - 2011	Service Interval Reset	D				Service Interval Reset
Z4 (E89)	2009 - 2013	Service Interval Reset					Service Interval Reset
Z8 (E52)	1999 - 1999	Service Interval Reset					Service Interval Reset
Z8 (E52)	1999 - 2003	LWS	C/D		*S	Steering Angle Sensor	
Z4 (E85)	2003 - 2009	LWS	C/D		*S	Steering Angle Sensor	
X3 (E83)	2003 - 2012	LWS	C/D		*S	Steering Angle Sensor	
X5 (E53)	1999 - 2007	LWS	C/D		*S	Steering Angle Sensor	
7-Series (E38)	1993 - 2001	LWS	C/D		*S	Steering Angle Sensor	
5-Series (E39)	1995 - 2004	LWS	C/D		*S	Steering Angle Sensor	
3-Series (E46)	1997 - 2007	LWS	C/D		*S	Steering Angle Sensor	
5-Series (E60/E61)	2006 - 2006	SZL	C			Switch Unit Steering Column	
5-Series (E39)	1995 - 2004	DWS1	C/D			Tire Pressure Monitoring	
5-Series (E39)	1995 - 2004	RDC1	C/D			Tire Pressure Monitoring	
5-Series (E39)	1995 - 2004	RDC2	C/D			Tire Pressure Monitoring	
5-Series (E39)	1995 - 2004	RDC3	C/D			Tire Pressure Monitoring	
5-Series (E39)	1995 - 2004	TPMS				Tire Pressure Monitoring	
5-Series (E60/E61)	2003 - 2012	TPMS				Tire Pressure Monitoring	
5-Series (E60/E61)	2003 - 2012	RDC 4	C/D			Tire Pressure Monitoring	
5-Series (E60/E61)	2003 - 2012	RDC 5	C/D	*		Tire Pressure Monitoring	
5-Series (E60/E61)	2003 - 2012	RDC 6	C/D	*		Tire Pressure Monitoring	
5-Series (E60/E61)	2003 - 2012	RDC 7	C/D	*		Tire Pressure Monitoring	
3-Series (E46)	1997 - 2007	RDC1	C/D			Tire Pressure Monitoring	
3-Series (E46)	1997 - 2007	RDC2	C/D			Tire Pressure Monitoring	
3-Series (E46)	1997 - 2007	RDC3	C/D			Tire Pressure Monitoring	
3-Series (E46)	1997 - 2007	TPMS				Tire Pressure Monitoring	
1-Series (E87)	2003 - 2013	RDC 4	C/D			Tire Pressure Monitoring	
1-Series (E87)	2003 - 2013	RDC 5	C/D	*		Tire Pressure Monitoring	
1-Series (E87)	2003 - 2013	RDC 6	C/D	*		Tire Pressure Monitoring	
1-Series (E87)	2003 - 2013	RDC 7	C/D	*		Tire Pressure Monitoring	
1-Series (E87)	2003 - 2013	TPMS				Tire Pressure Monitoring	
3-Series (E90/E91)	2005 - 2013	TPMS				Tire Pressure Monitoring	
3-Series (E46)	1997 - 2007	DWS1	C/D			Tire Pressure Monitoring	

Other Continued

BMW/MINI	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
3-Series (E90/E91)	2005 - 2013	RDC 4		C/D			Tire Pressure Monitoring
3-Series (E90/E91)	2005 - 2013	RDC 5		C/D	*		Tire Pressure Monitoring
3-Series (E90/E91)	2005 - 2013	RDC 6		C/D	*		Tire Pressure Monitoring
3-Series (E90/E91)	2005 - 2013	RDC 7		C/D	*		Tire Pressure Monitoring
7-Series (E65/E66)	2002 - 2009	TPMS					Tire Pressure Monitoring
7-Series (E65/E66)	2002 - 2009	RDC 4		C/D			Tire Pressure Monitoring
7-Series (E65/E66)	2002 - 2009	RDC 5		C/D	*		Tire Pressure Monitoring
7-Series (E65/E66)	2002 - 2009	RDC 6		C/D	*		Tire Pressure Monitoring
7-Series (E65/E66)	2002 - 2009	RDC 7		C/D	*		Tire Pressure Monitoring
6-Series (E63/E64)	2007 - 2012	RDC 4		C/D	*		Tire Pressure Monitoring
6-Series (E63/E64)	2007 - 2012	RDC 5		C/D	*		Tire Pressure Monitoring
6-Series (E63/E64)	2007 - 2012	RDC 6		C/D	*		Tire Pressure Monitoring
6-Series (E63/E64)	2007 - 2012	RDC 7		C/D	*		Tire Pressure Monitoring
6-Series (E63/E64)	2007 - 2012	TPMS					Tire Pressure Monitoring
X5 (E53)	1999 - 2007	RDC1		C/D			Tire Pressure Monitoring
X5 (E53)	1999 - 2007	RDC2		C/D			Tire Pressure Monitoring
X5 (E53)	1999 - 2007	RDC3		C/D			Tire Pressure Monitoring
X5 (E53)	1999 - 2007	TPMS					Tire Pressure Monitoring
X5 (E53)	1999 - 2007	DWS1		C/D			Tire Pressure Monitoring
X5 (E70)	2007 - 2013	TPMS					Tire Pressure Monitoring
X5 (E70)	2007 - 2013	RDC 4		C/D			Tire Pressure Monitoring
X5 (E70)	2007 - 2013	RDC 5		C/D	*		Tire Pressure Monitoring
X5 (E70)	2007 - 2013	RDC 6		C/D	*		Tire Pressure Monitoring
X5 (E70)	2007 - 2013	RDC 7		C/D	*		Tire Pressure Monitoring
X3 (E83)	2003 - 2012	DWS1		C/D			Tire Pressure Monitoring
X3 (E83)	2003 - 2012	RDC1		C/D			Tire Pressure Monitoring
X3 (E83)	2003 - 2012	RDC2		C/D			Tire Pressure Monitoring
X3 (E83)	2003 - 2012	RDC3		C/D			Tire Pressure Monitoring
X3 (E83)	2003 - 2012	TPMS					Tire Pressure Monitoring
X1 (E84)	2009 - 2013	TPMS					Tire Pressure Monitoring
X1 (E84)	2009 - 2013	RDC 4		C/D			Tire Pressure Monitoring
X1 (E84)	2009 - 2013	RDC 5		C/D	*		Tire Pressure Monitoring
X1 (E84)	2009 - 2013	RDC 6		C/D	*		Tire Pressure Monitoring
X1 (E84)	2009 - 2013	RDC 7		C/D	*		Tire Pressure Monitoring
Z4 (E85)	2003 - 2009	RDC1		C/D			Tire Pressure Monitoring
Z4 (E85)	2003 - 2009	RDC2		C/D			Tire Pressure Monitoring
Z4 (E85)	2003 - 2009	RDC3		C/D			Tire Pressure Monitoring
Z4 (E85)	2003 - 2009	TPMS					Tire Pressure Monitoring
Z4 (E85)	2003 - 2009	DWS1		C/D			Tire Pressure Monitoring
Z4 (E89)	2009 - 2013	TPMS					Tire Pressure Monitoring
Z4 (E89)	2009 - 2013	RDC 4		C/D			Tire Pressure Monitoring
Z4 (E89)	2009 - 2013	RDC 5		C/D	*		Tire Pressure Monitoring
Z4 (E89)	2009 - 2013	RDC 6		C/D	*		Tire Pressure Monitoring
Z4 (E89)	2009 - 2013	RDC 7		C/D	*		Tire Pressure Monitoring
X6 (E71)	2008 - 2013	TPMS					Tire Pressure Monitoring
X6 (E71)	2008 - 2013	RDC 4		C/D			Tire Pressure Monitoring
X6 (E71)	2008 - 2013	RDC 5		C/D	*		Tire Pressure Monitoring
X6 (E71)	2008 - 2013	RDC 6		C/D	*		Tire Pressure Monitoring
X6 (E71)	2008 - 2013	RDC 7		C/D	*		Tire Pressure Monitoring
X6 (E72)	2009 - 2011	TPMS					Tire Pressure Monitoring
X6 (E72)	2009 - 2011	RDC 4		C/D			Tire Pressure Monitoring
X6 (E72)	2009 - 2011	RDC 5		C/D	*		Tire Pressure Monitoring
X6 (E72)	2009 - 2011	RDC 6		C/D	*		Tire Pressure Monitoring
X6 (E72)	2009 - 2011	RDC 7		C/D	*		Tire Pressure Monitoring
X6 (E71)	2008 - 2013	vgsg70		C/D	*	*	Transfer Box
X6 (E71)	2008 - 2013	vgsg90		C/D	*	*	Transfer Box

Other Continued

BMW/MINI	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
X6 (E71)	2008 - 2013	LMV_84		C/D	*		Transfer Box
X1 (E84)	2009 - 2013	vgsg70		C/D	*	*	Transfer Box
X1 (E84)	2009 - 2013	vgsg90		C/D	*	*	Transfer Box
7-Series (F01/F02)	2008 - 2013	lmv_01		C/D	*		Transfer Box
X1 (E84)	2009 - 2013	LMV_84		C/D	*		Transfer Box
X3 (E83)	2003 - 2012	vgsg83		C/D	*	*	Transfer Box
X5 (E70)	2007 - 2013	LMV_84		C/D	*		Transfer Box
X5 (E70)	2007 - 2013	vgsg70		C/D	*	*	Transfer Box
X5 (E70)	2007 - 2013	vgsg90		C/D	*	*	Transfer Box
X5 (E53)	2004 - 2007	vgsg83		C/D	*	*	Transfer Box
6-Series (F12/F13)	2011 - 2013	lmv_01		C/D	*		Transfer Box
6-Series GC (F06)	2013 - 2013	lmv_01		C/D	*		Transfer Box
3-Series (E90/E91)	2007 - 2013	LMV_84		C/D	*	*	Transfer Box
3-Series (E90/E91)	2007 - 2013	vgsg70		C/D	*	*	Transfer Box
3-Series (E90/E91)	2005 - 2013	vgsg90		C/D	*	*	Transfer Box
5-Series GT (F07)	2009 - 2013	lmv_01		C/D	*	*	Transfer Box
5-Series (F10/F11)	2009 - 2013	lmv_01		C/D	*	*	Transfer Box
5-Series (E39)	1995 - 2004	DSC5.3					Wheel Alignment
5-Series (E39)	1995 - 2004	DSC5.7					Wheel Alignment
5-Series (E60/E61)	2003 - 2012	WheelAlignment					Wheel Alignment
3-Series (E90/E91)	2005 - 2013	DSC 6					Wheel Alignment
3-Series (E90/E91)	2005 - 2013	DXC 90					Wheel Alignment
1-Series (E87)	2003 - 2013	DSC 6					Wheel Alignment
3-Series (E46)	1997 - 2007	DSC MK20					Wheel Alignment
3-Series (E46)	1997 - 2007	DSC MK60					Wheel Alignment
3-Series (E46)	1997 - 2007	DSC5.7					Wheel Alignment
7-Series (E38)	1993 - 2001	DSC5.3					Wheel Alignment
7-Series (E38)	1993 - 2001	DSC5.7					Wheel Alignment
6-Series (E63/E64)	2005 - 2012	WheelAlignment					Wheel Alignment
6-Series (E63)	2003 - 2004	WheelAlignment					Wheel Alignment
X5 (E53)	1999 - 2007	DXC8					Wheel Alignment
X5 (E70)	2007 - 2013	WheelAlignment					Wheel Alignment
X5 (E53)	1999 - 2007	DSC5.7					Wheel Alignment
X3 (E83)	2003 - 2012	DXC8					Wheel Alignment
X3 (E83)	2003 - 2012	DSC MK60					Wheel Alignment
X3 (E83)	2003 - 2012	DSC5.3					Wheel Alignment
X1 (E84)	2009 - 2013	DSC 6					Wheel Alignment
X1 (E84)	2009 - 2013	DXC 90					Wheel Alignment
X6 (E71)	2008 - 2013	WheelAlignment					Wheel Alignment
X6 (E72)	2009 - 2011	WheelAlignment					Wheel Alignment
Z4 (E85)	2003 - 2009	DSC 85					Wheel Alignment
Z4 (E85)	2003 - 2009	DSC MK60					Wheel Alignment
Z4 (E89)	2009 - 2013	DSC 6					Wheel Alignment
Z4 (E89)	2009 - 2013	DXC 90					Wheel Alignment
Z8 (E52)	1999 - 2003	DSC5.3					Wheel Alignment
Z8 (E52)	1999 - 2003	DSC5.7					Wheel Alignment
7-Series (E65/E66)	2002 - 2009	wim_e65		C/D	*		Wiper Module
R55 Clubman	2006 - 2013	IHKAS6		C/D	*		Air Conditioning
R55 Clubman	2006 - 2013	IHK556		C/D	*		Air Conditioning
R55 Clubman	2006 - 2013	IHS_56		C/D	*		Air Conditioning
R56 Coupe	2006 - 2013	IHKAS6		C/D	*		Air Conditioning
R56 Coupe	2006 - 2013	IHK556		C/D	*		Air Conditioning
R56 Coupe	2006 - 2013	IHS_56		C/D	*		Air Conditioning
R57 Convertible	2007 - 2013	IHKAS6		C/D	*		Air Conditioning
R57 Convertible	2007 - 2013	IHK556		C/D	*		Air Conditioning

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Injector Coding, P: Particulate Filter, R: Return, RA: Reset, Adaptation's S: Steering Angle Sensor, I: Inlet Body Return, J: Jumper/Type Semi Auto, \* : Other (see table on page 26) Dark grey lines indicate new content at 1, 4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Other Continued

BMW/MINI	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
R57 Convertible	2007 - 2013	IHS_56	C/D	•		Air Conditioning
R58 Coupe	2010 - 2013	IHKAS6	C/D	•		Air Conditioning
R58 Coupe	2010 - 2013	IHKAS6	C/D	•		Air Conditioning
R58 Coupe	2010 - 2013	IHS_56	C/D	•		Air Conditioning
R60 Countryman	2010 - 2013	IHKAS6	C/D	•		Air Conditioning
R60 Countryman	2010 - 2013	IHKAS6	C/D	•		Air Conditioning
R60 Countryman	2010 - 2013	IHS_56	C/D	•		Air Conditioning
R61 Paceman	2013 - 2013	IHKAS6	C/D	•		Air Conditioning
R61 Paceman	2013 - 2013	IHKAS6	C/D	•		Air Conditioning
R61 Paceman	2013 - 2013	IHS_56	C/D	•		Air Conditioning
R60 Countryman	2010 - 2013	CAS	C/D			Electronic Immobilizer
R61 Paceman	2013 - 2013	CAS	C/D			Electronic Immobilizer
R57 Convertible	2007 - 2013	CAS	C/D			Electronic Immobilizer
R58 Coupe	2010 - 2013	CAS	C/D			Electronic Immobilizer
R55 Clubman	2006 - 2013	CAS	C/D			Electronic Immobilizer
R56 Coupe	2006 - 2013	CAS	C/D			Electronic Immobilizer
R50 Coupe	2001 - 2007	EWS 2	C/D			Electronic Immobilizer
R50 Coupe	2001 - 2007	EWS 3	C/D			Electronic Immobilizer
R52 Convertible	2003 - 2009	EWS 2	C/D			Electronic Immobilizer
R52 Convertible	2003 - 2009	EWS 3	C/D			Electronic Immobilizer
R53 Coupe	2001 - 2007	EWS 2	C/D			Electronic Immobilizer
R53 Coupe	2001 - 2007	EWS 3	C/D			Electronic Immobilizer
R55 Clubman	2006 - 2013	eps_90	C/D			Electronic Power Steering
R55 Clubman	2006 - 2013	EPS56	C/D	•		Electronic Power Steering
R58 Coupe	2010 - 2013	eps_90	C/D			Electronic Power Steering
R58 Coupe	2010 - 2013	EPS56	C/D	•		Electronic Power Steering
R60 Countryman	2010 - 2013	eps_90	C/D			Electronic Power Steering
R60 Countryman	2010 - 2013	EPS56	C/D	•		Electronic Power Steering
R57 Convertible	2007 - 2013	eps_90	C/D			Electronic Power Steering
R57 Convertible	2007 - 2013	EPS56	C/D	•		Electronic Power Steering
R56 Coupe	2006 - 2013	eps_90	C/D			Electronic Power Steering
R56 Coupe	2006 - 2013	EPS56	C/D	•		Electronic Power Steering
R61 Paceman	2013 - 2013	eps_90	C/D			Electronic Power Steering
R61 Paceman	2013 - 2013	EPS56	C/D	•		Electronic Power Steering
R61 Paceman	2013 - 2013	FRM70	C/D	•	•	Footwell Module
R61 Paceman	2013 - 2013	FRM87	C/D	•	•	Footwell Module
R56 Coupe	2006 - 2013	FRM70	C/D	•	•	Footwell Module
R56 Coupe	2006 - 2013	FRM87	C/D	•	•	Footwell Module
R57 Convertible	2007 - 2013	FRM70	C/D	•	•	Footwell Module
R57 Convertible	2007 - 2013	FRM87	C/D	•	•	Footwell Module
R60 Countryman	2010 - 2013	FRM70	C/D	•	•	Footwell Module
R60 Countryman	2010 - 2013	FRM87	C/D	•	•	Footwell Module
R58 Coupe	2010 - 2013	FRM70	C/D	•	•	Footwell Module
R58 Coupe	2010 - 2013	FRM87	C/D	•	•	Footwell Module
R55 Clubman	2006 - 2013	FRM70	C/D	•	•	Footwell Module
R55 Clubman	2006 - 2013	FRM87	C/D	•	•	Footwell Module
R55 Clubman	2006 - 2013	SPEG56	C/D	•	•	Junction Box Electronics
R58 Coupe	2010 - 2013	SPEG56	C/D	•	•	Junction Box Electronics
R57 Convertible	2007 - 2013	SPEG56	C/D	•	•	Junction Box Electronics
R56 Coupe	2006 - 2013	SPEG56	C/D	•	•	Junction Box Electronics
R61 Paceman	2013 - 2013	SPEG56	C/D	•	•	Junction Box Electronics
R60 Countryman	2010 - 2013	SPEG56	C/D	•	•	Junction Box Electronics
R53 Coupe	2001 - 2007	PDC 1	C/D	•		Park Distance Control
R53 Coupe	2001 - 2007	PDC 2	C/D	•		Park Distance Control

### Other Continued

BMW/MINI	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
R52 Convertible	2003 - 2009	PDC 1	C/D	•		Park Distance Control
R52 Convertible	2003 - 2009	PDC 2	C/D	•		Park Distance Control
R50 Coupe	2001 - 2007	PDC 1	C/D	•		Park Distance Control
R50 Coupe	2001 - 2007	PDC 2	C/D	•		Park Distance Control
R55 Clubman	2006 - 2013	-	D			Service Interval Reset
R56 Coupe	2006 - 2013	-	D			Service Interval Reset
R57 Convertible	2007 - 2013	-	D			Service Interval Reset
R58 Coupe	2010 - 2013	-	D			Service Interval Reset
R60 Countryman	2010 - 2013	-	D			Service Interval Reset
R61 Paceman	2013 - 2013	-	D			Service Interval Reset
R50 Coupe	2001 - 2007	LWS	C/D		•,S	Steering Angle Sensor
R53 Coupe	2001 - 2007	LWS	C/D		•,S	Steering Angle Sensor
R52 Convertible	2003 - 2009	LWS	C/D		•,S	Steering Angle Sensor
R53 Coupe	2001 - 2007	ABS				Wheel Alignment
R53 Coupe	2001 - 2007	DSC MK60				Wheel Alignment
R50 Coupe	2001 - 2007	ABS				Wheel Alignment
R50 Coupe	2001 - 2007	DSC MK60				Wheel Alignment
R52 Convertible	2003 - 2009	ABS				Wheel Alignment
R52 Convertible	2003 - 2009	DSC MK60				Wheel Alignment
R56 Coupe	2006 - 2013	ABS EBC450				Wheel Alignment
R56 Coupe	2006 - 2013	DSC EBC450				Wheel Alignment
R55 Clubman	2006 - 2013	DSC EBC450				Wheel Alignment
R55 Clubman	2006 - 2013	ABS EBC450				Wheel Alignment
R60 Countryman	2010 - 2013	ABS EBC450				Wheel Alignment
R58 Coupe	2010 - 2013	DSC EBC450				Wheel Alignment
R57 Convertible	2007 - 2013	DSC EBC450				Wheel Alignment
R58 Coupe	2010 - 2013	ABS EBC450				Wheel Alignment
R57 Convertible	2007 - 2013	ABS EBC450				Wheel Alignment
R61 Paceman	2013 - 2013	ABS EBC450				Wheel Alignment
R61 Paceman	2013 - 2013	DSC EBC450				Wheel Alignment
R60 Countryman	2010 - 2013	DSC EBC450				Wheel Alignment
R50 Coupe	2001 - 2007	CodeScan				CodeScan
R52 Convertible	2003 - 2009	CodeScan				CodeScan
R53 Coupe	2001 - 2007	CodeScan				CodeScan
R55 Clubman	2006 - 2013	CodeScan				CodeScan
R56 Coupe	2006 - 2013	CodeScan				CodeScan
R57 Convertible	2007 - 2013	CodeScan				CodeScan
R58 Coupe	2010 - 2013	CodeScan				CodeScan
R60 Countryman	2010 - 2013	CodeScan				CodeScan
R61 Paceman	2013 - 2013	CodeScan				CodeScan
R50 Coupe	2001 - 2007	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
R52 Convertible	2003 - 2009	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
R53 Coupe	2001 - 2007	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
R55 Clubman	2006 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
R56 Coupe	2006 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
R57 Convertible	2007 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
R58 Coupe	2010 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
R60 Countryman	2010 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan

### Other Continued

BMW/MINI	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
R61 Paceman	2013 - 2013	Clear all Codes read by Code Scan				Clear all Codes read by Code Scan
R50 Coupe	2001 - 2007	SIR				Service Interval Reset
R52 Convertible	2003 - 2009	SIR				Service Interval Reset
R53 Coupe	2001 - 2007	SIR				Service Interval Reset
R55 Clubman	2006 - 2013	SIR				Service Interval Reset
R56 Coupe	2006 - 2013	SIR				Service Interval Reset
R57 Convertible	2007 - 2013	SIR				Service Interval Reset
R58 Coupe	2010 - 2013	SIR				Service Interval Reset
R60 Countryman	2010 - 2013	SIR				Service Interval Reset
R61 Paceman	2013 - 2013	SIR				Service Interval Reset

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, J- Jumper or Type Sent Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

CHRYSLER						
Years	Make	Model	Engine	Data	Codes	Functional Test
2000	Chrysler	300M	3.5L V6 MPI	•	•	•
2000	Chrysler	Cirrus/Voyager	Cirrus	•	•	•
2000	Chrysler	Cirrus/Voyager	Voyager	•	•	•
2000	Chrysler	Concorde	2.7L V6 MPI	•	•	•
2000	Chrysler	Concorde	3.5L V6 MPI	•	•	•
2000	Chrysler	Intrepid	2.7L V6 MPI	•	•	•
2000	Chrysler	Intrepid	3.2L V6 MPI	•	•	•
2000	Chrysler	Intrepid	3.5L V6 MPI	•	•	•
2000	Chrysler	LHS	3.5L V6 MPI	•	•	•
2000	Chrysler	Sebring Convertible	2.5L V6 MPI MMC	•	•	•
2000	Chrysler	Sebring Coupe	2.5L V6 MPI MMC	•	•	•
2000	Chrysler	Town & Country	2.4L L4 MPI	•	•	•
2000	Chrysler	Town & Country	3.0L V6 MPI	•	•	•
2000	Chrysler	Town & Country	3.3L V6 Flex Fuel	•	•	•
2000	Chrysler	Town & Country	3.3L V6 MPI	•	•	•
2000	Chrysler	Town & Country	3.8L V6 MPI	•	•	•
2001	Chrysler	300M	3.5L V6 MPI	•	•	•
2001	Chrysler	Concorde	2.7L V6 MPI	•	•	•
2001	Chrysler	Concorde	3.2L V6 MPI	•	•	•
2001	Chrysler	Concorde	3.5L V6 MPI	•	•	•
2001	Chrysler	Intrepid	2.7L V6 MPI	•	•	•
2001	Chrysler	Intrepid	3.2L V6 MPI	•	•	•
2001	Chrysler	Intrepid	3.5L V6 MPI	•	•	•
2001	Chrysler	LHS	3.5L V6 MPI	•	•	•
2001	Chrysler	Neon	2.0L L4 MPI SOHC	•	•	•
2001	Chrysler	Prowler	3.5L V6 MPI	•	•	•
2001	Chrysler	Pt Cruiser	2.4L L4 MPI	•	•	•
2001	Chrysler	Sebring	Convertible	•	•	•
2001	Chrysler	Sebring	Sedan	•	•	•
2001	Chrysler	Sebring Coupe	2.4L L4 MPI	•	•	•
2001	Chrysler	Town & Country	2.4L L4 MPI	•	•	•
2001	Chrysler	Town & Country	3.3L V6 Flex Fuel	•	•	•
2001	Chrysler	Town & Country	3.3L V6 MPI	•	•	•
2001	Chrysler	Voyager	2.4L L4 MPI	•	•	•
2001	Chrysler	Voyager	3.3L V6 Flex Fuel	•	•	•
2001	Chrysler	Voyager	3.3L V6 MPI	•	•	•
2001	Chrysler	Voyager	3.8L V6 MPI	•	•	•
2002	Chrysler	300M	3.5L V6 MPI	•	•	•
2002	Chrysler	Concorde	2.7L V6 MPI	•	•	•
2002	Chrysler	Concorde	3.5L V6 MPI	•	•	•
2002	Chrysler	Intrepid	2.7L V6 MPI	•	•	•
2002	Chrysler	Intrepid	3.5L V6 MPI	•	•	•
2002	Chrysler	Neon	2.0L L4 MPI SOHC	•	•	•
2002	Chrysler	Prowler	3.5L V6 MPI	•	•	•
2002	Chrysler	Pt Cruiser	2.4L L4 MPI	•	•	•
2002	Chrysler	Sebring	Convertible	•	•	•
2002	Chrysler	Sebring	Sedan	•	•	•
2002	Chrysler	Sebring Coupe	2.4L L4 MPI	•	•	•
2002	Chrysler	Town & Country	2.4L L4 MPI	•	•	•
2002	Chrysler	Town & Country	3.3L V6 Flex Fuel	•	•	•
2002	Chrysler	Town & Country	3.3L V6 MPI	•	•	•
2002	Chrysler	Town & Country	3.8L V6 MPI	•	•	•
2002	Chrysler	Voyager	2.4L L4 MPI	•	•	•
2002	Chrysler	Voyager	3.3L V6 Flex Fuel	•	•	•
2002	Chrysler	Voyager	3.3L V6 MPI	•	•	•
2002	Chrysler	Voyager	3.8L V6 MPI	•	•	•
2003	Chrysler	300M	3.5L V6 MPI	•	•	•
2003	Chrysler	Concorde	2.7L V6 MPI	•	•	•

CHRYSLER						
Years	Make	Model	Engine	Data	Codes	Functional Test
2003	Chrysler	Concorde	3.5L V6 MPI	•	•	•
2003	Chrysler	Intrepid	2.7L V6 MPI	•	•	•
2003	Chrysler	Intrepid	3.5L V6 MPI	•	•	•
2003	Chrysler	Pt Cruiser	2.4L L4 MPI	•	•	•
2003	Chrysler	Pt Cruiser	2.4L L4 MPI Turbo	•	•	•
2003	Chrysler	Sebring	Convertible	•	•	•
2003	Chrysler	Sebring	Sedan	•	•	•
2003	Chrysler	Sebring Coupe	2.4L L4 MPI	•	•	•
2003	Chrysler	Town & Country	2.4L L4 MPI	•	•	•
2003	Chrysler	Town & Country	3.3L V6 Flex Fuel	•	•	•
2003	Chrysler	Town & Country	3.3L V6 MPI	•	•	•
2003	Chrysler	Town & Country	3.8L V6 MPI	•	•	•
2003	Chrysler	Voyager	2.4L L4 MPI	•	•	•
2003	Chrysler	Voyager	3.3L V6 Flex Fuel	•	•	•
2003	Chrysler	Voyager	3.3L V6 MPI	•	•	•
2003	Chrysler	Voyager	3.8L V6 MPI	•	•	•
2004	Chrysler	300M	3.5L V6 MPI	•	•	•
2004	Chrysler	Concorde	2.7L V6 MPI	•	•	•
2004	Chrysler	Concorde	3.5L V6 MPI	•	•	•
2004	Chrysler	Crossfire	3.2L V6	•	•	•
2004	Chrysler	Crossfire	3.2L V6 Supercharged	•	•	•
2004	Chrysler	Intrepid	2.7L V6 MPI	•	•	•
2004	Chrysler	Intrepid	3.5L V6 MPI	•	•	•
2004	Chrysler	Pacifica (AWD)	3.5L V6 MPI	•	•	•
2004	Chrysler	Pacifica (FWD)	3.5L V6 MPI	•	•	•
2004	Chrysler	Pt Cruiser	2.4L L4 MPI	•	•	•
2004	Chrysler	Pt Cruiser	2.4L L4 MPI Turbo	•	•	•
2004	Chrysler	Sebring	Convertible	•	•	•
2004	Chrysler	Sebring	Sedan	•	•	•
2004	Chrysler	Sebring Coupe	2.4L L4 MPI	•	•	•
2004	Chrysler	Town & Country	2.4L L4 MPI	•	•	•
2004	Chrysler	Town & Country	3.3L V6 MPI	•	•	•
2004	Chrysler	Town & Country	3.8L V6 MPI	•	•	•
2004	Chrysler	Voyager	2.4L L4 MPI	•	•	•
2004	Chrysler	Voyager	3.3L V6 MPI	•	•	•
2004	Chrysler	Voyager	3.8L V6 MPI	•	•	•
2005	Chrysler	300 (AWD)	3.5L V6 MPI	•	•	•
2005	Chrysler	300 (AWD)	5.7L V8 MPI	•	•	•
2005	Chrysler	300 (RWD)	2.7L V6 MPI	•	•	•
2005	Chrysler	300 (RWD)	3.5L V6 MPI	•	•	•
2005	Chrysler	300 (RWD)	5.7L V8 MPI	•	•	•
2005	Chrysler	300 (RWD)	6.1L V8 MPI	•	•	•
2005	Chrysler	Crossfire	3.2L V6	•	•	•
2005	Chrysler	Crossfire	3.2L V6 Supercharged	•	•	•
2005	Chrysler	Pacifica (AWD)	3.5L V6 MPI	•	•	•
2005	Chrysler	Pacifica (FWD)	3.5L V6 MPI	•	•	•
2005	Chrysler	Pacifica (FWD)	3.8L V6 MPI	•	•	•
2005	Chrysler	Pt Cruiser	2.4L L4 MPI	•	•	•
2005	Chrysler	Pt Cruiser	2.4L L4 MPI Turbo	•	•	•
2005	Chrysler	Pt Cruiser	2.4L L4 Turbo HO	•	•	•
2005	Chrysler	Sebring	Convertible	•	•	•
2005	Chrysler	Sebring	Sedan	•	•	•
2005	Chrysler	Sebring Coupe	2.4L L4 MPI	•	•	•
2005	Chrysler	Sebring Coupe	3.0L V6 MPI	•	•	•
2005	Chrysler	Town & Country	3.3L V6 Flex Fuel	•	•	•
2005	Chrysler	Town & Country	3.3L V6 MPI	•	•	•
2005	Chrysler	Town & Country	3.8L V6 MPI	•	•	•
2006	Chrysler	300 (AWD)	5.7L V8 MPI	•	•	•

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, RA- Reset Adaptations, S- Steering Angle Sensor, E- Inertia Body Relearn, Jk- Jumper or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

CHRYSLER						
Years	Make	Model	Engine	Data	Codes	Functional Test
2006	Chrysler	300 (RWD)	2.7L V6 MPI	•	•	•
2006	Chrysler	300 (RWD)	3.5L V6 MPI	•	•	•
2006	Chrysler	300 (RWD)	5.7L V8 MPI	•	•	•
2006	Chrysler	300 (RWD)	6.1L V8 MPI	•	•	•
2006	Chrysler	Crossfire	3.2L V6	•	•	•
2006	Chrysler	Crossfire	3.2L V6 Supercharged	•	•	•
2006	Chrysler	Pacifica (AWD)	3.5L V6 MPI	•	•	•
2006	Chrysler	Pacifica (FWD)	3.5L V6 MPI	•	•	•
2006	Chrysler	Pacifica (FWD)	3.8L V6 MPI	•	•	•
2006	Chrysler	Pt Cruiser	2.4L L4 MPI	•	•	•
2006	Chrysler	Pt Cruiser	2.4L L4 MPI Turbo	•	•	•
2006	Chrysler	Pt Cruiser	2.4L L4 Turbo HO	•	•	•
2006	Chrysler	Sebring	Convertible	•	•	•
2006	Chrysler	Sebring	Sedan	•	•	•
2006	Chrysler	Town & Country	3.3L V6 Flex Fuel	•	•	•
2006	Chrysler	Town & Country	3.3L V6 MPI	•	•	•
2006	Chrysler	Town & Country	3.8L V6 MPI	•	•	•
2007	Chrysler	300 (AWD)	3.5L V6 MPI	•	•	•
2007	Chrysler	300 (AWD)	5.7L V8 MPI	•	•	•
2007	Chrysler	300 (RWD)	3.5L V6 MPI	•	•	•
2007	Chrysler	300 (RWD)	5.7L V8 MPI	•	•	•
2007	Chrysler	300 (RWD)	6.1L V8 MPI	•	•	•
2007	Chrysler	Aspen (4WD)	4.7L V8 Flex Fuel	•	•	•
2007	Chrysler	Aspen (4WD)	4.7L V8 MPI	•	•	•
2007	Chrysler	Aspen (4WD)	5.7L V8 MPI	•	•	•
2007	Chrysler	Aspen (RWD)	4.7L V8 Flex Fuel	•	•	•
2007	Chrysler	Aspen (RWD)	4.7L V8 MPI	•	•	•
2007	Chrysler	Aspen (RWD)	5.7L V8 MPI	•	•	•
2007	Chrysler	Crossfire	3.2L V6	•	•	•
2007	Chrysler	Crossfire	3.2L V6 Supercharged	•	•	•
2007	Chrysler	Pacifica (FWD)	3.8L V6 MPI	•	•	•
2007	Chrysler	Pacifica (FWD)	4.0L V6 MPI	•	•	•
2007	Chrysler	Pt Cruiser	2.4L L4 MPI	•	•	•
2007	Chrysler	Pt Cruiser	2.4L L4 MPI Turbo	•	•	•
2007	Chrysler	Pt Cruiser	2.4L L4 Turbo HO	•	•	•
2007	Chrysler	Sebring	2.4L L4 MPI	•	•	•
2007	Chrysler	Sebring	2.7L V6 MPI	•	•	•
2007	Chrysler	Sebring	3.5L V6 MPI	•	•	•
2007	Chrysler	Town & Country	3.3L V6 Flex Fuel	•	•	•
2007	Chrysler	Town & Country	3.3L V6 MPI	•	•	•
2007	Chrysler	Town & Country	3.8L V6 MPI	•	•	•
2008	Chrysler	300 (AWD)	3.5L V6 MPI	•	•	•
2008	Chrysler	300 (AWD)	5.7L V8 MPI	•	•	•
2008	Chrysler	300 (RWD)	2.7L V6 MPI	•	•	•
2008	Chrysler	300 (RWD)	3.5L V6 MPI	•	•	•
2008	Chrysler	300 (RWD)	5.7L V8 MPI	•	•	•
2008	Chrysler	300 (RWD)	6.1L V8 MPI	•	•	•
2008	Chrysler	Aspen (4WD)	5.7L V8 MPI	•	•	•
2008	Chrysler	Aspen (RWD)	5.7L V8 MPI	•	•	•
2008	Chrysler	Pacifica (FWD)	3.8L V6 MPI	•	•	•
2008	Chrysler	Pacifica (FWD)	4.0L V6 MPI	•	•	•
2008	Chrysler	Pt Cruiser	2.4L L4 MPI	•	•	•
2008	Chrysler	Pt Cruiser	2.4L L4 MPI Turbo	•	•	•
2008	Chrysler	Sebring	2.4L L4 MPI	•	•	•
2008	Chrysler	Sebring	3.5L V6 MPI	•	•	•
2008	Chrysler	Sebring (AWD)	2.7L V6 MPI	•	•	•
2008	Chrysler	Sebring (AWD)	3.5L V6 MPI	•	•	•
2008	Chrysler	Town & Country	3.3L V6 MPI	•	•	•
2008	Chrysler	Town & Country	3.8L V6 MPI	D	C	•

CHRYSLER						
Years	Make	Model	Engine	Data	Codes	Functional Test
2008	Chrysler	Town & Country	4.0L V6 MPI	D	C	•
2009	Chrysler	300 (AWD)	3.5L V6 MPI	•	•	•
2009	Chrysler	300 (RWD)	2.7L V6 MPI	•	•	•
2009	Chrysler	300 (RWD)	3.5L V6 MPI	•	•	•
2009	Chrysler	300 (RWD)	5.7L V8 MPI	•	•	•
2009	Chrysler	300 (RWD)	6.1L V8 MPI	•	•	•
2009	Chrysler	Aspen (RWD)	4.7L V8 MPI	•	•	•
2009	Chrysler	Aspen (RWD)	5.7L V8 MPI	•	•	•
2009	Chrysler	Pt Cruiser	2.4L L4 MPI	•	•	•
2009	Chrysler	Pt Cruiser	2.4L L4 MPI Turbo	•	•	•
2009	Chrysler	Sebring	2.4L L4 MPI	•	•	•
2009	Chrysler	Sebring	2.7L V6 MPI	•	•	•
2009	Chrysler	Sebring	3.5L V6 MPI	•	•	•
2009	Chrysler	Town & Country	3.3L V6 MPI	•	•	•
2009	Chrysler	Town & Country	3.8L V6 MPI	•	•	•
2009	Chrysler	Town & Country	4.0L V6 MPI	•	•	•
2010	Chrysler	300 (AWD)	5.7L V8 MPI	•	•	•
2010	Chrysler	300 (RWD)	3.5L V6 MPI	•	•	•
2010	Chrysler	300 (RWD)	5.7L V8 MPI	•	•	•
2010	Chrysler	300 (RWD)	6.1L V8 MPI	•	•	•
2010	Chrysler	Pt Cruiser	2.4L L4 MPI	•	•	•
2010	Chrysler	Sebring	2.4L L4 MPI	•	•	•
2010	Chrysler	Sebring	2.7L V6 MPI	•	•	•
2010	Chrysler	Sebring	3.5L V6 MPI	•	•	•
2010	Chrysler	Sebring	3.5L V6 MPI	•	•	•
2010	Chrysler	Town & Country	3.3L V6 MPI	•	•	•
2010	Chrysler	Town & Country	3.8L V6 MPI	•	•	•
2010	Chrysler	Town & Country	4.0L V6 MPI	•	•	•
2011	Chrysler	200	2.4L L4 MPI	•	•	•
2011	Chrysler	200	3.6L V6 MPI	•	•	•
2011	Chrysler	300 (AWD)	5.7L V8 MPI	•	•	•
2011	Chrysler	300 (RWD)	3.6L V6 MPI	•	•	•
2011	Chrysler	300 (RWD)	5.7L V8 MPI	•	•	•
2011	Chrysler	Town & Country	3.6L V6 MPI	•	•	•
2012	Chrysler	200	2.4L L4 MPI	•	•	•
2012	Chrysler	300	5.7L V8 MPI	•	•	•
2012	Chrysler	300	6.4L V8 MPI	•	•	•
2012	Chrysler	Town & Country	3.6L V6 MPI	•	•	•
2012	Chrysler	200	2.4L L4 MPI	•	•	•
2013	Chrysler	200	3.6L V6 MPI	•	•	•
2013	Chrysler	300	5.7L V8 MPI	•	•	•
2013	Chrysler	300	6.4L V8 MPI	•	•	•
2013	Chrysler	Town & Country	3.6L V6 MPI	•	•	•

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Inertia Body Return, A- Type A or Type Sent Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1, 4, - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

CITROËN							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
AX	1995 - 1997	CDY	1.0L CPI	MA3.0	C/D		
AX	1995 - 1997	CDZ	1.0L CPI	MA3.0	C/D		
AX	1995 - 1997	HDY	1.1L CPI	MMG6	C/D		
AX	1995 - 1997	HDZ	1.1L CPI	MMG6	C/D		
AX	1995 - 1997	KDX	1.4L CPI	MA3.0	C/D		
AX	1995 - 1997	KFY	1.4L MPI	MP3.1	C/D		
AX	1995 - 1997	KFZ	1.4L MPI	MP3.1	C/D		
Berlingo	1996 - 2001	HDY	1.1L CPI	MA3.1	C/D		
Berlingo	1996 - 2002	HDZ	1.1L CPI	MA3.1	C/D		
Berlingo	1996 - 2002	KFX	1.4L MPI	MM 1AP	C/D		
Berlingo	1996 - 2002	KFX	1.4L MPI	MM 1AP 41	C/D		
Berlingo	1996 - 2002	LFX	1.8L MPI	MM 1AP	C/D		
Berlingo	1996 - 2002	LFX	1.8L MPI	MM 1AP 41	C/D		
Berlingo	1997 - 2002	KFX	1.4L MPI	MP7.3	C/D		
Berlingo	1997 - 2002	KFX	1.4L MPI	SAGEM SL96	C/D		
Berlingo	1998 - 2012	RHY	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Berlingo	2000 - 2003	HFX	1.1L MPI	M7.4.4	C/D	•	RA
Berlingo	2000 - 2012	KFW	1.4L MPI	J34P 1	C/D	•	RA
Berlingo	2000 - 2012	KFW	1.4L MPI	J34P 2	C/D	•	RA
Berlingo	2000 - 2012	KFW	1.4L MPI	SAGEM S2000	C/D	•	RA
Berlingo	2000 - 2012	KFW	1.4L MPI	SAGEM S2000 BATT	C/D	•	RA
Berlingo	2000 - 2012	NFU	1.6L MPI	ME7.4.4	C/D	•	RA
Berlingo	2000 - 2012	RHY	2.0L T-Diesel	SIEM. SID801	C/D		
Berlingo	2000 - 2012	WJY	1.9L Diesel	LUCAS DCN2	C/D		
Berlingo	2001 - 2012	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
Berlingo	2001 - 2012	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
Berlingo	2001 - 2012	RFN	2.0L MPI	MM6LP PSA	C/D	•	RA
Berlingo	2002 - 2012	8HX	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA
Berlingo	2002 - 2012	8HX	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Berlingo	2002 - 2012	8HX	1.4L T-Diesel	SIEM. SID802	C/D		
Berlingo	2002 - 2012	8HX	1.4L T-Diesel	SIEM. SID804	C/D		
Berlingo	2002 - 2012	8HY	1.4L T-Diesel	DELPHI C6	C/D		•,I
Berlingo	2002 - 2012	8HZ	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA
Berlingo	2002 - 2012	8HZ	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Berlingo	2002 - 2012	8HZ	1.4L T-Diesel	SIEM. SID802	C/D		
Berlingo	2002 - 2012	8HZ	1.4L T-Diesel	SIEM. SID804	C/D		
Berlingo	2002 - 2012	9HX	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
Berlingo	2002 - 2012	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Berlingo	2002 - 2012	9HX	1.6L T-Diesel	SIEM. SID802	C/D		
Berlingo	2002 - 2012	9HX	1.6L T-Diesel	SIEM. SID804	C/D		
Berlingo	2002 - 2012	9HY	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
Berlingo	2002 - 2012	9HY	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Berlingo	2002 - 2012	9HY	1.6L T-Diesel	SIEM. SID802	C/D		
Berlingo	2002 - 2012	9HY	1.6L T-Diesel	SIEM. SID804	C/D		
Berlingo	2002 - 2012	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
Berlingo	2002 - 2012	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Berlingo	2002 - 2012	9HZ	1.6L T-Diesel	SIEM. SID802	C/D		
Berlingo	2002 - 2012	9HZ	1.6L T-Diesel	SIEM. SID804	C/D		
Berlingo	2002 - 2012	KFV	1.4L MPI	J34P 1	C/D	•	RA
Berlingo	2002 - 2012	KFV	1.4L MPI	J34P 2	C/D	•	RA
Berlingo	2002 - 2012	KFV	1.4L MPI	S2000PM1	C/D	•	RA
Berlingo	2004 - 2012	9HW	1.6L T-Diesel	BOSCH EDC16	C/D		
Berlingo	2004 - 2012	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
Berlingo	2005 - 2012	N6A	1.6L MPI	ME7.4.5	C/D	•	RA
Berlingo	2005 - 2012	NFS	1.6L MPI	ME7.4.5	C/D	•	RA
Berlingo	2005 - 2012	TU3A J34P	1.4L MPI	J34P	C/D	•	RA
Berlingo (B9)	2008 - 2013	9HT	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•,E,I
Berlingo (B9)	2008 - 2013	9HW	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•,E,I
Berlingo (B9)	2008 - 2013	9HX	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•,E,I

CITROËN							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Berlingo (B9)	2008 - 2013	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•,E,I
Berlingo (B9)	2008 - 2013	N6A	1.6L MPI	ME7.4.5	C/D	•	RA
Berlingo (B9)	2008 - 2013	NFR	1.6L MPI	ME7.4.5	C/D	•	RA
Berlingo (B9)	2008 - 2013	NFS	1.6L MPI	ME7.4.5	C/D	•	RA
Berlingo (B9)	2008 - 2013	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
Berlingo (B9)	2011 - 2013	9HP	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
Berlingo (B9)	2012 - 2013	5FK	1.6L MPI	MEV17.4.2	C/D	•	
Berlingo (B9)	2012 - 2013	5FS	1.6L MPI	MEV17.4.2	C/D	•	
Berlingo (B9)	2012 - 2013	9HE	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
Berlingo (B9)	2012 - 2013	9HF	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
Berlingo (B9)	2012 - 2013	9HJ	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
Berlingo (B9)	2012 - 2013	9HK	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
Berlingo (B9)	2012 - 2013	9HL	1.6L T-Diesel	SID807_BR2	C/D	•	•
Berlingo (B9)	2012 - 2013	9HM	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
Berlingo (B9)	2012 - 2013	9HN	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
Berlingo (B9)	2012 - 2013	9HR	1.6L T-Diesel	SID807_BR2	C/D	•	•
C1	2005 - 2011	CFA	1.0L MPI	ME7.9.5	C/D	•	
C1	2005 - 2013	8HT	1.4L T-Diesel	SID 805	C/D	•	
C1	2012 - 2013	CFB	1.0L MPI	ME7.9.5	C/D	•	
C15	2000 - 2002	WJY	1.9L Diesel	LUCAS DCN2	C/D		
C2	2003 - 2004	8HX	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA
C2	2003 - 2004	8HX	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	RA
C2	2003 - 2004	8HX	1.4L T-Diesel	SIEM. SID802	C/D		
C2	2003 - 2004	8HX	1.4L T-Diesel	SIEM. SID804	C/D		
C2	2003 - 2004	8HY	1.4L T-Diesel	DELPHI C6	C/D		•,I
C2	2003 - 2004	8HZ	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA
C2	2003 - 2004	8HZ	1.4L T-Diesel	SIEM. SID802	C/D		
C2	2003 - 2004	8HZ	1.4L T-Diesel	SIEM. SID804	C/D		
C2	2003 - 2004	9HX	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
C2	2003 - 2004	9HX	1.6L T-Diesel	SIEM. SID802	C/D		
C2	2003 - 2004	9HX	1.6L T-Diesel	SIEM. SID804	C/D		
C2	2003 - 2004	9HY	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
C2	2003 - 2004	9HY	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
C2	2003 - 2004	9HY	1.6L T-Diesel	SIEM. SID802	C/D		
C2	2003 - 2004	9HY	1.6L T-Diesel	SIEM. SID804	C/D		
C2	2003 - 2004	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
C2	2003 - 2004	9HZ	1.6L T-Diesel	SIEM. SID802	C/D		
C2	2003 - 2004	9HZ	1.6L T-Diesel	SIEM. SID804	C/D		
C2	2003 - 2004	HFX	1.1L MPI	MM 4.8P	C/D	•	RA
C2	2003 - 2004	KFV	1.4L MPI	S2000PM1	C/D	•	RA
C2	2003 - 2004	NFU	1.6L MPI	ME7.4.4	C/D	•	RA
C2	2003 - 2013	8HZ	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I,RA
C2	2003 - 2013	9HX	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•,E,I,RA
C2	2003 - 2013	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I,RA
C2	2003 - 2013	KFV	1.4L MPI	J34P 1	C/D	•	RA
C2	2003 - 2013	KFV	1.4L MPI	J34P 2	C/D	•	RA
C2	2004 - 2004	8HT	1.4L T-Diesel	BOSCH EDC16	C/D		
C2	2004 - 2004	NFS	1.6L MPI	ME7.4.4	C/D	•	RA
C2	2004 - 2013	NFS	1.6L MPI	ME7.4.5	C/D	•	RA
C2	2004 - 2013	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
C2	2007 - 2013	8HZ	1.4L T-Diesel	SIEM. SID806	C/D		
C2	2007 - 2013	HFX	1.1L MPI	J34P	C/D	•	RA
C2	2007 - 2013	KFU	1.4L MPI	MM6LPC	C/D	•	RA
C2	2007 - 2013	KFV	1.4L MPI	J34P	C/D	•	RA
C2	2007 - 2013	KFV	1.4L MPI	SAGEM S2000PM2	C/D	•	RA
C2	2007 - 2013	N6A	1.6L MPI	ME7.4.5	C/D	•	RA
C2	2007 - 2013	TU3A J34P	1.4L MPI	J34P	C/D	•	RA
C2	2008 - 2008	NFS	1.6L MPI	ME7.4.9	C/D	•	RA

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, H: Hydraulic or Type Semi Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 1.4.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

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Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
C2	2008 - 2013	N6A	1.6L MPI	ME7.4.9	C/D	•	RA
C2	2008 - 2013	NFU	1.6L MPI	ME7.4.9	C/D	•	RA
C2	2009 - 2013	K6E	1.4L MPI	J34P	C/D	•	RA
C2	2009 - 2013	K6E	1.4L MPI	J34P 1	C/D	•	RA
C2	2009 - 2013	K6E	1.4L MPI	J34P 2	C/D	•	RA
C2	2009 - 2013	K6E	1.4L MPI	SAGEM S2000PM2	C/D	•	RA
C2	2010 - 2013	KFT	1.4L MPI	V34.1	C/D	•	RA
C2 (→RP Number 10461)	2005 - 2006	8HT	1.4L T-Diesel	BOSCH EDC16	C/D		
C2 (→RP Number 10461)	2005 - 2006	8HX	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA
C2 (→RP Number 10461)	2005 - 2006	8HX	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	RA
C2 (→RP Number 10461)	2005 - 2006	8HX	1.4L T-Diesel	SIEM. SID802	C/D		
C2 (→RP Number 10461)	2005 - 2006	8HX	1.4L T-Diesel	SIEM. SID804	C/D		
C2 (→RP Number 10461)	2005 - 2006	8HY	1.4L T-Diesel	DELPHI C6	C/D		•,I
C2 (→RP Number 10461)	2005 - 2006	8HZ	1.4L T-Diesel	BOSCH EDC16C3	C/D	•	RA
C2 (→RP Number 10461)	2005 - 2006	8HZ	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	RA
C2 (→RP Number 10461)	2005 - 2006	8HZ	1.4L T-Diesel	SIEM. SID802	C/D		
C2 (→RP Number 10461)	2005 - 2006	8HZ	1.4L T-Diesel	SIEM. SID804	C/D		
C2 (→RP Number 10461)	2005 - 2006	9HX	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
C2 (→RP Number 10461)	2005 - 2006	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
C2 (→RP Number 10461)	2005 - 2006	9HX	1.6L T-Diesel	SIEM. SID802	C/D		
C2 (→RP Number 10461)	2005 - 2006	9HX	1.6L T-Diesel	SIEM. SID804	C/D		
C2 (→RP Number 10461)	2005 - 2006	9HY	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
C2 (→RP Number 10461)	2005 - 2006	9HY	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
C2 (→RP Number 10461)	2005 - 2006	9HY	1.6L T-Diesel	SIEM. SID802	C/D		
C2 (→RP Number 10461)	2005 - 2006	9HY	1.6L T-Diesel	SIEM. SID804	C/D		
C2 (→RP Number 10461)	2005 - 2006	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
C2 (→RP Number 10461)	2005 - 2006	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
C2 (→RP Number 10461)	2005 - 2006	9HZ	1.6L T-Diesel	SIEM. SID802	C/D		
C2 (→RP Number 10461)	2005 - 2006	9HZ	1.6L T-Diesel	SIEM. SID804	C/D		
C2 (→RP Number 10461)	2005 - 2006	HFX	1.1L MPI	MM 4.8P	C/D	•	RA
C2 (→RP Number 10461)	2005 - 2006	KFV	1.4L MPI	J34P 1	C/D	•	RA
C2 (→RP Number 10461)	2005 - 2006	KFV	1.4L MPI	J34P 2	C/D	•	RA
C2 (→RP Number 10461)	2005 - 2006	KFV	1.4L MPI	S2000PM1	C/D	•	RA
C2 (→RP Number 10461)	2005 - 2006	NFS	1.6L MPI	ME7.4.4	C/D	•	RA
C2 (→RP Number 10461)	2005 - 2006	NFS	1.6L MPI	ME7.4.5	C/D	•	RA
C2 (→RP Number 10461)	2005 - 2006	NFU	1.6L MPI	ME7.4.4	C/D	•	RA
C2 (→RP Number 10461)	2005 - 2006	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
C2 (RP Number 10461 →)	2005 - 2006	8HZ	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
C2 (RP Number 10461 →)	2005 - 2006	8HZ	1.4L T-Diesel	SIEM. SID806	C/D		
C2 (RP Number 10461 →)	2005 - 2006	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
C2 (RP Number 10461 →)	2005 - 2006	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
C2 (RP Number 10461 →)	2005 - 2006	HFX	1.1L MPI	J34P	C/D	•	RA
C2 (RP Number 10461 →)	2005 - 2006	KFU	1.4L MPI	MM6LPC	C/D	•	RA
C2 (RP Number 10461 →)	2005 - 2006	KFV	1.4L MPI	J34P	C/D	•	RA
C2 (RP Number 10461 →)	2005 - 2006	KFV	1.4L MPI	SAGEM S2000PM2	C/D	•	RA
C2 (RP Number 10461 →)	2005 - 2006	N6A	1.6L MPI	ME7.4.5	C/D	•	RA
C2 (RP Number 10461 →)	2005 - 2006	NFS	1.6L MPI	ME7.4.5	C/D	•	RA
C2 (RP Number 10461 →)	2005 - 2006	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
C2 (RP Number 10461 →)	2005 - 2006	TU3A J34P	1.4L MPI	J34P	C/D	•	RA
C3	2002 - 2002	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
C3	2002 - 2002	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
C3	2002 - 2002	RFN	2.0L MPI	MM6LP PSA	C/D	•	RA
C3	2002 - 2005	8HX	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA
C3	2002 - 2005	8HX	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	RA
C3	2002 - 2005	8HX	1.4L T-Diesel	SIEM. SID802	C/D		
C3	2002 - 2005	8HX	1.4L T-Diesel	SIEM. SID804	C/D		
C3	2002 - 2005	8HY	1.4L T-Diesel	DELPHI C6	C/D		•,I
C3	2002 - 2005	8HZ	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA
C3	2002 - 2005	8HZ	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	RA

CITROËN							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
C3	2002 - 2005	8HZ	1.4L T-Diesel	SIEM. SID802	C/D		
C3	2002 - 2005	8HZ	1.4L T-Diesel	SIEM. SID804	C/D		
C3	2002 - 2005	9HX	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
C3	2002 - 2005	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
C3	2002 - 2005	9HX	1.6L T-Diesel	SIEM. SID802	C/D		
C3	2002 - 2005	9HX	1.6L T-Diesel	SIEM. SID804	C/D		
C3	2002 - 2005	9HY	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
C3	2002 - 2005	9HY	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
C3	2002 - 2005	9HY	1.6L T-Diesel	SIEM. SID802	C/D		
C3	2002 - 2005	9HY	1.6L T-Diesel	SIEM. SID804	C/D		
C3	2002 - 2005	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
C3	2002 - 2005	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
C3	2002 - 2005	9HZ	1.6L T-Diesel	SIEM. SID802	C/D		
C3	2002 - 2005	9HZ	1.6L T-Diesel	SIEM. SID804	C/D		
C3	2002 - 2005	HFX	1.1L MPI	MM 4.8P	C/D	•	RA
C3	2002 - 2005	KFV	1.4L MPI	ME7.4.4	C/D	•	RA
C3	2002 - 2005	KFV	1.4L MPI	S2000PM1	C/D	•	RA
C3	2002 - 2005	NFU	1.6L MPI	ME7.4.4	C/D	•	RA
C3	2004 - 2004	DV4TD	1.4L T-Diesel	BOSCH EDC16	C/D		
C3	2004 - 2004	KFU	1.4L MPI	MM 4.8P	C/D	•	RA
C3	2004 - 2004	KFU	1.4L MPI	MM 4.MP	C/D	•	RA
C3	2004 - 2004	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
C3	2004 - 2005	KFU	1.4L MPI	MM6LP PSA	C/D	•	RA
C3	2005 - 2005	N6A	1.6L MPI	ME7.4.4	C/D	•	RA
C3 (A51)	2010 - 2013	5FR	1.6L MPI VTI	MED17.4	C/D	•	RA
C3 (A51)	2010 - 2013	5F5	1.6L MPI	MEV17.4	C/D	•	RA
C3 (A51)	2010 - 2013	8FP	1.4L MPI VTI	MEV17.4	C/D	•	RA
C3 (A51)	2010 - 2013	8FR	1.4L MPI VTI	MEV17.4	C/D	•	RA
C3 (A51)	2010 - 2013	8HR	1.4L T-Diesel	EDC17C10	C/D	•	•P
C3 (A51)	2010 - 2013	8HZ	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	
C3 (A51)	2010 - 2013	9HP	1.6L T-Diesel	EDC17C10	C/D	•	•P
C3 (A51)	2010 - 2013	9HR	1.6L T-Diesel	SID807	C/D	•	•P
C3 (A51)	2010 - 2013	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D		•
C3 (A51)	2010 - 2013	HFX	1.1L MPI	V34.1	C/D	•	RA
C3 (A51)	2010 - 2013	HFX	1.1L MPI	J34P	C/D	•	RA
C3 (A51)	2010 - 2013	KFT	1.4L MPI	V34.1	C/D	•	RA
C3 (A51)	2013 - 2013	9HP	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
C3 (New Look)	2005 - 2013	8HZ	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
C3 (New Look)	2005 - 2013	8HZ	1.4L T-Diesel	BSM	C/D	•	
C3 (New Look)	2005 - 2013	8HZ	1.4L T-Diesel	SIEM. SID806	C/D		
C3 (New Look)	2005 - 2013	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
C3 (New Look)	2005 - 2013	9HX	1.6L T-Diesel	BSM	C/D	•	
C3 (New Look)	2005 - 2013	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
C3 (New Look)	2005 - 2013	9HZ	1.6L T-Diesel	BSM	C/D	•	
C3 (New Look)	2005 - 2013	HFX	1.1L MPI	BSM	C/D	•	
C3 (New Look)	2005 - 2013	HFX	1.1L MPI	J34P	C/D	•	RA
C3 (New Look)	2005 - 2013	KFU	1.4L MPI	BSM	C/D	•	
C3 (New Look)	2005 - 2013	KFU	1.4L MPI	MM6LPC	C/D	•	RA
C3 (New Look)	2005 - 2013	KFV	1.4L MPI	BSM	C/D	•	
C3 (New Look)	2005 - 2013	KFV	1.4L MPI	J34P	C/D	•	RA
C3 (New Look)	2005 - 2013	KFV	1.4L MPI	SAGEM S2000PM2	C/D	•	RA
C3 (New Look)	2005 - 2013	N6A	1.6L MPI	BSM	C/D	•	
C3 (New Look)	2005 - 2013	N6A	1.6L MPI	ME7.4.5	C/D	•	RA
C3 (New Look)	2005 - 2013	NFS	1.6L MPI	BSM	C/D	•	
C3 (New Look)	2005 - 2013	NFS	1.6L MPI	ME7.4.5	C/D	•	RA
C3 (New Look)	2005 - 2013	NFU	1.6L MPI	BSM	C/D	•	
C3 (New Look)	2005 - 2013	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
C3 (New Look)	2005 - 2013	TU3A J34P	1.4L MPI	BSM	C/D	•	
C3 (New Look)	2005 - 2013	TU3A J34P	1.4L MPI	J34P	C/D	•	RA

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPFE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, A: Type of Motor or Type Servo Auto, •: Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

CITROËN								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
C3 (New Look)	2008 - 2013	N6A	1.6L MPI	ME7.4.9	C/D	•	RA	
C3 (New Look)	2008 - 2013	NFU	1.6L MPI	ME7.4.9	C/D	•	RA	
C3 (New Look)	2009 - 2009	KFT	1.4L MPI	B5M	C/D	•		
C3 (New Look)	2009 - 2009	KFT	1.4L MPI	J34P	C/D	•	RA	
C3 Picasso	2009 - 2010	5FR	1.6L MPI VTI	MED17.4	C/D	•	RA	
C3 Picasso	2009 - 2010	5FW	1.6L MPI	MEV17.4	C/D	•	RA	
C3 Picasso	2009 - 2010	8FP	1.4L MPI VTI	MEV17.4	C/D	•	RA	
C3 Picasso	2009 - 2010	8FS	1.4L MPI VTI	MEV17.4	C/D	•	RA	
C3 Picasso	2009 - 2010	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I	
C3 Picasso	2009 - 2010	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I	
C3 Picasso	2010 - 2010	9HP	1.6L T-Diesel	EDC17C10	C/D	•	•P	
C3 Picasso (A58)	2011 - 2013	5FR	1.6L MPI VTI	MED17.4	C/D	•	RA	
C3 Picasso (A58)	2011 - 2013	5FW	1.6L MPI	MEV17.4	C/D	•	RA	
C3 Picasso (A58)	2011 - 2013	8FP	1.4L MPI VTI	MEV17.4	C/D	•	RA	
C3 Picasso (A58)	2011 - 2013	8FS	1.4L MPI VTI	MEV17.4	C/D	•	RA	
C3 Picasso (A58)	2011 - 2013	9HP	1.6L T-Diesel	EDC17C10	C/D	•	•P	
C3 Picasso (A58)	2011 - 2013	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I	
C3 Picasso (A58)	2011 - 2013	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I	
C3 Picasso (A58)	2013 - 2013	9HP	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P	
C3 Pluriel	2004 - 2007	8HX	1.4L T-Diesel	BOSCH EDC16C3	C/D	•	RA	
C3 Pluriel	2004 - 2007	8HX	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	RA	
C3 Pluriel	2004 - 2007	8HX	1.4L T-Diesel	SIEM. SID802	C/D			
C3 Pluriel	2004 - 2007	8HX	1.4L T-Diesel	SIEM. SID804	C/D			
C3 Pluriel	2004 - 2007	8HZ	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA	
C3 Pluriel	2004 - 2007	8HZ	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	RA	
C3 Pluriel	2004 - 2007	8HZ	1.4L T-Diesel	SIEM. SID802	C/D			
C3 Pluriel	2004 - 2007	8HZ	1.4L T-Diesel	SIEM. SID804	C/D			
C3 Pluriel	2004 - 2007	KFV	1.4L MPI	J34P	C/D	•	RA	
C3 Pluriel	2004 - 2007	KFV	1.4L MPI	ME7.4.4	C/D	•	RA	
C3 Pluriel	2004 - 2007	KFV	1.4L MPI	S2000PM1	C/D	•	RA	
C3 Pluriel	2004 - 2007	KFV	1.4L MPI	SAGEM S2000PM2	C/D			
C3 Pluriel	2004 - 2007	NFU	1.6L MPI	ME7.4.4	C/D	•	RA	
C3 Pluriel	2006 - 2007	9HX	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	RA	
C3 Pluriel	2006 - 2007	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA	
C3 Pluriel	2006 - 2007	9HX	1.6L T-Diesel	SIEM. SID802	C/D			
C3 Pluriel	2006 - 2007	9HX	1.6L T-Diesel	SIEM. SID804	C/D			
C3 Pluriel	2007 - 2007	8HY	1.4L T-Diesel	DELPHI C6	C/D		•,I	
C3 Pluriel	2007 - 2007	9HY	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA	
C3 Pluriel	2007 - 2007	9HY	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA	
C3 Pluriel	2007 - 2007	9HY	1.6L T-Diesel	SIEM. SID802	C/D			
C3 Pluriel	2007 - 2007	9HY	1.6L T-Diesel	SIEM. SID804	C/D			
C3 Pluriel	2007 - 2007	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA	
C3 Pluriel	2007 - 2007	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA	
C3 Pluriel	2007 - 2007	9HZ	1.6L T-Diesel	SIEM. SID802	C/D			
C3 Pluriel	2007 - 2007	9HZ	1.6L T-Diesel	SIEM. SID804	C/D			
C3 Pluriel	2007 - 2007	HFX	1.1L MPI	MM 4.8P	C/D	•	RA	
C3 Pluriel	2007 - 2007	KFU	1.4L MPI	MM6LP PSA	C/D	•	RA	
C3 Pluriel	2007 - 2007	N6A	1.6L MPI	ME7.4.4	C/D	•	RA	
C3 Pluriel Restyle	2005 - 2013	8HZ	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I	
C3 Pluriel Restyle	2005 - 2013	8HZ	1.4L T-Diesel	SIEM. SID806	C/D			
C3 Pluriel Restyle	2005 - 2013	HFX	1.1L MPI	J34P	C/D	•	RA	
C3 Pluriel Restyle	2005 - 2013	N6A	1.6L MPI	ME7.4.5	C/D	•	RA	
C3 Pluriel Restyle	2005 - 2013	NFS	1.6L MPI	ME7.4.5	C/D	•	RA	
C3 Pluriel Restyle	2005 - 2013	NFU	1.6L MPI	ME7.4.5	C/D	•	RA	
C3 Pluriel Restyle	2005 - 2013	TU3A J34P	1.4L MPI	J34P	C/D	•	RA	
C3 Pluriel Restyle	2008 - 2010	KFT	1.4L MPI	J34P	C/D	•	RA	
C3 Pluriel Restyle	2008 - 2013	N6A	1.6L MPI	ME7.4.9	C/D	•	RA	
C3 Pluriel Restyle	2008 - 2013	NFU	1.6L MPI	ME7.4.9	C/D	•	RA	
C4	2004 - 2007	RFJ	2.0L MPI	B5M	C/D	•		

CITROËN								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
C4	2004 - 2010	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I	
C4	2004 - 2010	9HX	1.6L T-Diesel	B5M	C/D	•		
C4	2004 - 2010	9HY	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I	
C4	2004 - 2010	9HY	1.6L T-Diesel	B5M	C/D	•		
C4	2004 - 2010	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I	
C4	2004 - 2010	9HZ	1.6L T-Diesel	B5M	C/D	•		
C4	2004 - 2010	KFU	1.4L MPI	B5M	C/D	•		
C4	2004 - 2010	KFU	1.4L MPI	MM6LP	C/D	•	RA	
C4	2004 - 2010	N6A	1.6L MPI	B5M	C/D	•		
C4	2004 - 2010	N6A	1.6L MPI	ME7.4.5	C/D	•	RA	
C4	2004 - 2010	N6A	1.6L MPI	MM6KP Bio Flex	C/D	•	RA	
C4	2004 - 2010	N6A	1.6L MPI	MM6KP Non Bio Flex	C/D	•	RA	
C4	2004 - 2010	NFS	1.6L MPI	B5M	C/D	•		
C4	2004 - 2010	NFS	1.6L MPI	ME7.4.5	C/D	•	RA	
C4	2004 - 2010	NFU	1.6L MPI	B5M	C/D	•		
C4	2004 - 2010	NFU	1.6L MPI	ME7.4.5	C/D	•	RA	
C4	2004 - 2010	NFU	1.6L MPI	MM6KP Bio Flex	C/D	•	RA	
C4	2004 - 2010	NFU	1.6L MPI	MM6KP Non Bio Flex	C/D	•	RA	
C4	2004 - 2010	RFJ	2.0L MPI	MM6LPB	C/D	•	RA	
C4	2004 - 2010	RFK	2.0L MPI	B5M	C/D	•		
C4	2004 - 2010	RFK	2.0L MPI	MM6LP	C/D	•	RA	
C4	2004 - 2010	RFN	2.0L MPI	B5M	C/D	•		
C4	2004 - 2010	RFN	2.0L MPI	MM6LP	C/D	•	RA	
C4	2004 - 2010	RHL	2.0L T-Diesel	B5M	C/D	•		
C4	2004 - 2010	RHL	2.0L T-Diesel	SIEM. SID803	C/D	•	•,E,I	
C4	2004 - 2010	RHR	2.0L T-Diesel	B5M	C/D	•		
C4	2004 - 2010	RHR	2.0L T-Diesel	SIEM. SID803	C/D	•	•,E,I	
C4	2007 - 2010	5FW	1.6L MPI	B5M	C/D	•		
C4	2007 - 2010	5FW	1.6L MPI	MEV17.4	C/D	•	RA	
C4	2007 - 2010	5FX	1.6L MPI	B5M	C/D	•		
C4	2007 - 2010	5FX	1.6L MPI	MED17.4	C/D	•	RA	
C4	2007 - 2010	RHL	2.0L T-Diesel	SIEM. SID803A	C/D	•		
C4	2007 - 2010	RHR	2.0L T-Diesel	SIEM. SID803A	C/D	•		
C4	2008 - 2010	N6A	1.6L MPI	ME7.4.9	C/D	•	RA	
C4	2008 - 2010	NFU	1.6L MPI	ME7.4.9	C/D	•	RA	
C4 (B7)	2011 - 2013	5FL	1.6L MPI	MEV17.4.2	C/D	•		
C4 (B7)	2011 - 2013	5FM	1.6L MPI	MED17_4_2	C/D	•		
C4 (B7)	2011 - 2013	5FN	1.6L MPI	MED17_4_2	C/D	•		
C4 (B7)	2011 - 2013	5FS	1.6L MPI	MEV17.4.2	C/D	•		
C4 (B7)	2011 - 2013	5FU	1.6L MPI	MEVD17_4_2	C/D	•		
C4 (B7)	2011 - 2013	5FV	1.6L MPI	MED17_4_2	C/D	•		
C4 (B7)	2011 - 2013	8FP	1.4L MPI VTI	MEV17.4.2	C/D	•		
C4 (B7)	2011 - 2013	9HF	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P	
C4 (B7)	2011 - 2013	9HJ	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P	
C4 (B7)	2011 - 2013	9HP	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P	
C4 (B7)	2011 - 2013	9HR	1.6L T-Diesel	SID807_BR2	C/D	•		
C4 (B7)	2011 - 2013	RHD	2.0L T-Diesel	DCM3.5_BR2	C/D	•		
C4 (B7)	2011 - 2013	RHE	2.0L T-Diesel	DCM3.5_BR2	C/D	•		
C4 (B7)	2011 - 2013	RHH	2.0L T-Diesel	DCM3.5_BR2	C/D	•		
C4 Aircross	2013 - 2013		1.8L MPI	MIVEC	C/D	•		
C4 Aircross	2013 - 2013	6HZ	1.8L T-Diesel	HDI_4N13	C/D	•		
C4 Aircross	2013 - 2013	9HD	1.6L T-Diesel	HDI_SID807	C/D	•	•P	
C4 Aircross	2013 - 2013	AFY	2.0L MPI	MIVEC	C/D	•		
C4 Aircross	2013 - 2013	AFZ	2.0L MPI	MIVEC	C/D	•		
C4 Aircross	2013 - 2013	NKZ	1.6L MPI	CMM_4A92	C/D	•		
C4 Aircross	2013 - 2013	SFY	2.4L MPI	MIVEC	C/D	•		
C4 Aircross	2013 - 2013	SFZ	2.4L MPI	MIVEC	C/D	•		

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# Engine Management Applications

CITROËN							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
C4 Picasso	2006 - 2013	5FW	1.6L MPI	BSM	C/D	•	
C4 Picasso	2006 - 2013	5FW	1.6L MPI	BSM_1	C/D	•	
C4 Picasso	2006 - 2013	5FW	1.6L MPI	MEV17.4	C/D	•	RA
C4 Picasso	2006 - 2013	6FJ	1.8L MPI	BSM	C/D	•	
C4 Picasso	2006 - 2013	6FJ	1.8L MPI	BSM_1	C/D	•	
C4 Picasso	2006 - 2013	6FJ	1.8L MPI	MM6LPB	C/D	•	RA
C4 Picasso	2006 - 2013	6FY	1.8L MPI	BSM	C/D	•	
C4 Picasso	2006 - 2013	6FY	1.8L MPI	BSM_1	C/D	•	
C4 Picasso	2006 - 2013	6FY	1.8L MPI	MM6LPB	C/D	•	RA
C4 Picasso	2006 - 2013	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
C4 Picasso	2006 - 2013	9HZ	1.6L T-Diesel	BSM	C/D	•	
C4 Picasso	2006 - 2013	9HZ	1.6L T-Diesel	BSM_1	C/D	•	
C4 Picasso	2006 - 2013	RHJ	2.0L T-Diesel	BSM	C/D	•	
C4 Picasso	2006 - 2013	RHJ	2.0L T-Diesel	BSM_1	C/D	•	
C4 Picasso	2006 - 2013	RHJ	2.0L T-Diesel	SIEM. SID803A	C/D	•	
C4 Picasso	2006 - 2013	RHR	2.0L T-Diesel	BSM	C/D	•	
C4 Picasso	2006 - 2013	RHR	2.0L T-Diesel	BSM_1	C/D	•	
C4 Picasso	2006 - 2013	RHR	2.0L T-Diesel	SIEM. SID803A	C/D	•	
C4 Picasso	2007 - 2013	5FX	1.6L MPI	BSM	C/D	•	
C4 Picasso	2007 - 2013	5FX	1.6L MPI	BSM_1	C/D	•	
C4 Picasso	2007 - 2013	5FX	1.6L MPI	MEV17.4	C/D	•	RA
C4 Picasso	2007 - 2013	RFJ	2.0L MPI	BSM	C/D	•	
C4 Picasso	2007 - 2013	RFJ	2.0L MPI	BSM_1	C/D	•	
C4 Picasso	2007 - 2013	RFJ	2.0L MPI	MM6LPB	C/D	•	RA
C4 Picasso	2010 - 2013	9HR	1.6L T-Diesel	BSM	C/D	•	
C4 Picasso	2010 - 2013	9HR	1.6L T-Diesel	BSM_1	C/D	•	
C4 Picasso	2010 - 2013	9HR	1.6L T-Diesel	SID807	C/D	•	•P
C4 Picasso	2010 - 2013	9HR	1.6L T-Diesel	SID807_BR2	C/D	•	•
C4 Picasso	2010 - 2013	RHH	2.0L T-Diesel	BSM	C/D	•	
C4 Picasso	2010 - 2013	RHH	2.0L T-Diesel	BSM_1	C/D	•	
C4 Picasso	2010 - 2013	RHH	2.0L T-Diesel	DCM3.5	C/D	•	•
C4 Picasso	2010 - 2013	RHH	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•
C4 Picasso	2012 - 2013	5FM	1.6L MPI	BSM	C/D	•	
C4 Picasso	2012 - 2013	5FM	1.6L MPI	BSM_1	C/D	•	
C4 Picasso	2012 - 2013	5FM	1.6L MPI	MED17_4_2	C/D	•	
C4 Picasso	2012 - 2013	5FN	1.6L MPI	BSM	C/D	•	
C4 Picasso	2012 - 2013	5FN	1.6L MPI	BSM_1	C/D	•	
C4 Picasso	2012 - 2013	5FN	1.6L MPI	MED17_4_2	C/D	•	
C4 Picasso	2012 - 2013	5FS	1.6L MPI	BSM	C/D	•	
C4 Picasso	2012 - 2013	5FS	1.6L MPI	BSM_1	C/D	•	
C4 Picasso	2012 - 2013	5FS	1.6L MPI	MEV17.4.2	C/D	•	
C4 Picasso	2012 - 2013	5FV	1.6L MPI	BSM	C/D	•	
C4 Picasso	2012 - 2013	5FV	1.6L MPI	BSM_1	C/D	•	
C4 Picasso	2012 - 2013	5FV	1.6L MPI	MED17_4_2	C/D	•	
C5	2001 - 2004	4HX	2.2L T-Diesel	BOSCH EDC15C2	C/D	•	•
C5	2001 - 2004	4HX	2.2L T-Diesel	SIEM. SID801	C/D	•	
C5	2001 - 2004	5FZ	1.6L MPI	S2000PM1	C/D	•	RA
C5	2001 - 2004	6FZ	1.8L MPI	SAGEM S2000	C/D	•	RA
C5	2001 - 2004	6FZ	1.8L MPI	SAGEM S2000 BATT	C/D	•	RA
C5	2001 - 2004	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
C5	2001 - 2004	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
C5	2001 - 2004	RFN	2.0L MPI	MM6LP PSA	C/D	•	RA
C5	2001 - 2004	RHS	2.0L T-Diesel	BOSCH EDC15C2	C/D	•	•
C5	2001 - 2004	RHY	2.0L T-Diesel	BOSCH EDC15C2	C/D	•	•
C5	2001 - 2004	RHY	2.0L T-Diesel	SIEM. SID801	C/D	•	
C5	2001 - 2004	RHZ	2.0L T-Diesel	BOSCH EDC15C2	C/D	•	•
C5	2001 - 2004	RHZ	2.0L T-Diesel	SIEM. SID801	C/D	•	

CITROËN							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
C5	2001 - 2004	RLZ	2.0L 16V MPDI	SIRIUS 81	C/D	•	
C5	2001 - 2004	XFX	3.0L 24V MPI	ME7.4.6	C/D	•	
C5	2003 - 2004	RHS	2.0L T-Diesel	SIEM. SID801	C/D	•	
C5	2004 - 2004	6FZ	1.8L MPI	S2000PM1	C/D	•	RA
C5	2008 - 2009	4HX	2.2L T-Diesel	BOSCH EDC15	C/D	•	•
C5	2008 - 2009	4HX	2.2L T-Diesel	BSM	C/D	•	
C5	2008 - 2009	6FY	1.8L MPI	BSM	C/D	•	
C5	2008 - 2009	6FY	1.8L MPI	MM6LPB	C/D	•	RA
C5	2008 - 2009	6FZ	1.8L MPI	BSM	C/D	•	
C5	2008 - 2009	6FZ	1.8L MPI	SAGEM S2000PM2	C/D	•	
C5	2008 - 2009	9HY	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
C5	2008 - 2009	9HY	1.6L T-Diesel	BSM	C/D	•	
C5	2008 - 2009	RFJ	2.0L MPI	BSM	C/D	•	
C5	2008 - 2009	RFJ	2.0L MPI	MM6LPB	C/D	•	RA
C5	2008 - 2009	RHF	2.0L T-Diesel	SIEM. SID803A	C/D	•	
C5	2008 - 2009	RHF	2.0L T-Diesel	SIEM. SID803	C/D	•	•,E,I
C5	2008 - 2009	RHL	2.0L T-Diesel	SIEM. SID803A	C/D	•	
C5	2008 - 2009	RHL	2.0L T-Diesel	SIEM. SID803	C/D	•	•,E,I
C5	2008 - 2009	RHR	2.0L T-Diesel	SIEM. SID803A	C/D	•	
C5	2008 - 2009	RHR	2.0L T-Diesel	SIEM. SID803	C/D	•	•,E,I
C5	2008 - 2009	XFU	3.0L 24V MPI	BSM	C/D	•	
C5	2008 - 2009	XFU	3.0L 24V MPI	ME7.4.7	C/D	•	RA
C5	2008 - 2009	XFV	3.0L 24V MPI	BSM	C/D	•	
C5	2008 - 2009	XFV	3.0L 24V MPI	ME7.4.7	C/D	•	RA
C5	2008 - 2013	4HP	2.2L T-Diesel	BOSCH EDC16CP39	C/D	•	•
C5	2008 - 2013	4HP	2.2L T-Diesel	BSM	C/D	•	
C5	2008 - 2013	4HR	2.2L T-Diesel	BOSCH EDC16CP39	C/D	•	•
C5	2008 - 2013	4HR	2.2L T-Diesel	BSM	C/D	•	
C5	2008 - 2013	4HS	2.2L T-Diesel	BOSCH EDC16CP39	C/D	•	•
C5	2008 - 2013	4HS	2.2L T-Diesel	BSM	C/D	•	
C5	2008 - 2013	4HT	2.2L T-Diesel	BOSCH EDC16CP39	C/D	•	•
C5	2008 - 2013	4HT	2.2L T-Diesel	BSM	C/D	•	
C5	2008 - 2013	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
C5	2008 - 2013	9HZ	1.6L T-Diesel	BSM	C/D	•	
C5	2008 - 2013	RHF	2.0L T-Diesel	BSM	C/D	•	
C5	2008 - 2013	RHF	2.0L T-Diesel	DCM3.4	C/D	•	•
C5	2008 - 2013	RHL	2.0L T-Diesel	BSM	C/D	•	
C5	2008 - 2013	RHL	2.0L T-Diesel	DCM3.4	C/D	•	•
C5	2008 - 2013	RHR	2.0L T-Diesel	BSM	C/D	•	
C5	2008 - 2013	RHR	2.0L T-Diesel	DCM3.4	C/D	•	•
C5	2008 - 2013	UHZ	2.7L T-Diesel	BSM	C/D	•	
C5	2008 - 2013	UHZ	2.7L T-Diesel	SID 201	C/D	•	•,E,I
C5	2009 - 2013	9HL	1.6L T-Diesel	BSM	C/D	•	
C5	2009 - 2013	9HL	1.6L T-Diesel	SID807_BR2	C/D	•	•
C5	2010 - 2010	RHH	2.0L T-Diesel	BSM	C/D	•	
C5	2010 - 2010	RHH	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•
C5	2010 - 2013	4HL	2.2L T-Diesel	BSM	C/D	•	
C5	2010 - 2013	4HL	2.2L T-Diesel	EDC17CP42	C/D	•	•P
C5	2010 - 2013	5FV	1.6L MPI	BSM	C/D	•	
C5	2010 - 2013	5FV	1.6L MPI	MED17.4	C/D	•	RA
C5	2011 - 2011	9HL	1.6L T-Diesel	SID807	C/D	•	•P
C5 II	2004 - 2004	4HX	2.2L T-Diesel	SIEM. SID801	C/D	•	
C5 II	2004 - 2004	9HY	1.6L T-Diesel	BOSCH EDC16	C/D	•	
C5 II	2004 - 2004	RFJ	2.0L MPI	MM 4.8P	C/D	•	RA
C5 II	2004 - 2004	RFJ	2.0L MPI	MM 4.MP	C/D	•	RA
C5 II	2004 - 2004	RFJ	2.0L MPI	MM6LP PSA	C/D	•	RA
C5 II	2004 - 2007	4HP	2.2L T-Diesel	BOSCH EDC16CP39	C/D	•	•
C5 II	2004 - 2007	4HP	2.2L T-Diesel	BSM	C/D	•	
C5 II	2004 - 2007	4HR	2.2L T-Diesel	BOSCH EDC16CP39	C/D	•	•

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# Engine Management Applications

CITROËN							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
C5 II	2004 - 2007	4HR	2.2L T-Diesel	BSM	C/D	•	
C5 II	2004 - 2007	4HS	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
C5 II	2004 - 2007	4HS	2.2L T-Diesel	BSM	C/D	•	
C5 II	2004 - 2007	4HT	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
C5 II	2004 - 2007	4HT	2.2L T-Diesel	BSM	C/D	•	
C5 II	2004 - 2007	4HX	2.2L T-Diesel	BOSCH EDC15	C/D	•	•
C5 II	2004 - 2007	4HX	2.2L T-Diesel	BSM	C/D	•	
C5 II	2004 - 2007	6FY	1.8L MPI	BSM	C/D	•	
C5 II	2004 - 2007	6FY	1.8L MPI	MM6LPB	C/D	•	RA
C5 II	2004 - 2007	6FZ	1.8L MPI	BSM	C/D	•	
C5 II	2004 - 2007	6FZ	1.8L MPI	SAGEM S2000PM2	C/D		
C5 II	2004 - 2007	9HY	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
C5 II	2004 - 2007	9HY	1.6L T-Diesel	BSM	C/D	•	
C5 II	2004 - 2007	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
C5 II	2004 - 2007	9HZ	1.6L T-Diesel	BSM	C/D	•	
C5 II	2004 - 2007	RFJ	2.0L MPI	BSM	C/D	•	
C5 II	2004 - 2007	RFJ	2.0L MPI	MM6LPB	C/D	•	RA
C5 II	2004 - 2007	RHF	2.0L T-Diesel	BSM	C/D	•	
C5 II	2004 - 2007	RHF	2.0L T-Diesel	SIEM. SID803A	C/D	•	
C5 II	2004 - 2007	RHF	2.0L T-Diesel	SIEM. SID803	C/D	•	•,E,I
C5 II	2004 - 2007	RHL	2.0L T-Diesel	BSM	C/D	•	
C5 II	2004 - 2007	RHL	2.0L T-Diesel	SIEM. SID803	C/D	•	•,E,I
C5 II	2004 - 2007	RHR	2.0L T-Diesel	BSM	C/D	•	
C5 II	2004 - 2007	RHR	2.0L T-Diesel	SIEM. SID803	C/D	•	•,E,I
C5 II	2004 - 2007	XFU	3.0L 24V MPI	BSM	C/D	•	
C5 II	2004 - 2007	XFU	3.0L 24V MPI	ME7.4.7	C/D	•	RA
C5 II	2004 - 2007	XFV	3.0L 24V MPI	BSM	C/D	•	
C5 II	2004 - 2007	XFV	3.0L 24V MPI	ME7.4.7	C/D	•	RA
C5 II	2006 - 2007	RHR	2.0L T-Diesel	SIEM. SID803A	C/D	•	
C5 II	2007 - 2007	RHL	2.0L T-Diesel	SIEM. SID803A	C/D	•	
C6	2006 - 2013	UHZ	2.7L T-Diesel	BSM	C/D	•	
C6	2006 - 2013	UHZ	2.7L T-Diesel	SID 201	C/D	•	•,E,I
C6	2006 - 2013	XFU	3.0L 24V MPI	BSM	C/D	•	
C6	2006 - 2013	XFU	3.0L 24V MPI	ME7.4.7	C/D	•	RA
C6	2006 - 2013	XFV	3.0L 24V MPI	BSM	C/D	•	
C6	2006 - 2013	XFV	3.0L 24V MPI	ME7.4.7	C/D	•	RA
C6	2010 - 2013	4HP	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
C6	2010 - 2013	4HP	2.2L T-Diesel	BSM	C/D	•	
C6	2010 - 2013	4HR	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
C6	2010 - 2013	4HR	2.2L T-Diesel	BSM	C/D	•	
C6	2010 - 2013	4HS	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
C6	2010 - 2013	4HS	2.2L T-Diesel	BSM	C/D	•	
C6	2010 - 2013	4HT	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
C6	2010 - 2013	4HT	2.2L T-Diesel	BSM	C/D	•	
C8	2002 - 2002	3FZ	2.2L MPI	MM6LPB	C/D	•	RA
C8	2002 - 2002	RFN	2.0L MPI	MM6LPB	C/D	•	RA
C8	2002 - 2002	RFN	2.0L MPI	MM6LPC	C/D	•	RA
C8	2002 - 2003	3FZ	2.2L MPI	MM 4.MP (Fast for 6LP)	C/D	•	RA
C8	2002 - 2005	3FZ	2.2L MPI	MM 4.MP	C/D	•	RA
C8	2002 - 2005	3FZ	2.2L MPI	MM6LP PSA	C/D	•	RA
C8	2002 - 2005	4HW	2.2L T-Diesel	BOSCH EDC15	C/D	•	
C8	2002 - 2005	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
C8	2002 - 2005	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
C8	2002 - 2005	RHT	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
C8	2002 - 2005	RHW	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
C8	2002 - 2005	RHZ	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
C8	2002 - 2005	RHZ	2.0L T-Diesel	SIEM. SID801	C/D	•	
C8	2002 - 2005	XFX	3.0L 24V MPI	ME7.4.6	C/D	•	
C8	2003 - 2005	RFN	2.0L MPI	MM6LP PSA	C/D	•	RA

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Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
C8	2003 - 2005	XFW	3.0L 24V MPI	ME7.4.6	C/D		
C8	2004 - 2005	3FZ	2.2L MPI	MM 4.8P	C/D	•	RA
C8 Restyle	2005 - 2013	4HW	2.2L T-Diesel	BOSCH EDC15	C/D	•	•
C8 Restyle	2005 - 2013	RFJ	2.0L MPI	MM6LPB	C/D	•	RA
C8 Restyle	2005 - 2013	RHK	2.0L T-Diesel	SIEM. SID803A	C/D	•	
C8 Restyle	2005 - 2013	RHK	2.0L T-Diesel	SIEM. SID803	C/D	•	•,E,I
C8 Restyle	2005 - 2013	RHL	2.0L T-Diesel	SIEM. SID803A	C/D	•	
C8 Restyle	2005 - 2013	RHL	2.0L T-Diesel	SIEM. SID803	C/D	•	•,E,I
C8 Restyle	2005 - 2013	RHM	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
C8 Restyle	2005 - 2013	RHR	2.0L T-Diesel	SIEM. SID803A	C/D	•	
C8 Restyle	2005 - 2013	RHR	2.0L T-Diesel	SIEM. SID803	C/D	•	•,E,I
C8 Restyle	2005 - 2013	RHW	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
C-Crosser	2007 - 2013	4HN	2.2L T-Diesel	EDC16CP39	C/D	•	•,E,I
C-Crosser	2007 - 2013	SFZ	2.4L MPI	MIVEC	C/D	•	
Dispatch 3	2007 - 2013	9HU	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
Dispatch 3	2007 - 2013	RHH	2.0L T-Diesel	DCM3.5	C/D	•	•
Dispatch 3	2007 - 2013	RHK	2.0L T-Diesel	SIEM. SID803A	C/D	•	
Dispatch 3	2007 - 2013	RHR	2.0L T-Diesel	SIEM. SID803A	C/D	•	
Dispatch 3	2009 - 2009	RHG	2.0L T-Diesel	SIEM. SID803A	C/D	•	
DS3	2009 - 2013	5FR	1.6L MPI VTI	MED17.4	C/D	•	RA
DS3	2009 - 2013	5FS	1.6L MPI	MEV17.4	C/D	•	RA
DS3	2009 - 2013	5FS	1.6L MPI	MEV17.4.2	C/D	•	RA
DS3	2009 - 2013	8FP	1.4L MPI VTI	MEV17.4	C/D	•	RA
DS3	2009 - 2013	8FR	1.4L MPI VTI	MEV17.4	C/D	•	RA
DS3	2009 - 2013	8FR	1.4L MPI VTI	MEV17.4.2	C/D	•	RA
DS3	2009 - 2013	8HR	1.4L T-Diesel	EDC17C10	C/D	•	•P
DS3	2009 - 2013	9HP	1.6L T-Diesel	EDC17C10	C/D	•	•P
DS3	2009 - 2013	9HR	1.6L T-Diesel	SID807	C/D	•	•P
DS3	2009 - 2013	9HR	1.6L T-Diesel	SID807_BR2	C/D	•	•
DS3	2012 - 2013	8HR	1.4L T-Diesel	EDC17C10_BR2	C/D	•	•P
DS3	2012 - 2013	9HP	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
DS3	2012 - 2013	HMZ	1.2L MPI VTI	V46	C/D	•	
DS4	2012 - 2013	5FE	1.6L MPI	MED17_4_2	C/D	•	
DS4	2012 - 2013	5FL	1.6L MPI	MEV17.4.2	C/D	•	
DS4	2012 - 2013	5FM	1.6L MPI	MED17_4_2	C/D	•	
DS4	2012 - 2013	5FN	1.6L MPI	MED17_4_2	C/D	•	
DS4	2012 - 2013	5FS	1.6L MPI	MEV17.4.2	C/D	•	
DS4	2012 - 2013	5FU	1.6L MPI	MEVD17_4_2	C/D	•	
DS4	2012 - 2013	5FV	1.6L MPI	MED17_4_2	C/D	•	
DS4	2012 - 2013	8FP	1.4L MPI VTI	MEV17.4.2	C/D	•	
DS4	2012 - 2013	9HD	1.6L T-Diesel	SID807_BR2	C/D	•	•
DS4	2012 - 2013	9HF	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
DS4	2012 - 2013	9HJ	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
DS4	2012 - 2013	9HL	1.6L T-Diesel	SID807_BR2	C/D	•	•
DS4	2012 - 2013	9HP	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
DS4	2012 - 2013	9HR	1.6L T-Diesel	SID807_BR2	C/D	•	•
DS4	2012 - 2013	N6A	1.6L MPI	ME7.4.5	C/D	•	
DS4	2012 - 2013	N6B	1.6L MPI	ME7.4.5	C/D	•	
DS4	2012 - 2013	NFU	1.6L MPI	ME7.4.5	C/D	•	
DS4	2012 - 2013	RHD	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•
DS4	2012 - 2013	RHE	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•
DS4	2012 - 2013	RHH	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•
DS5	2011 - 2013	5FU	1.6L MPI	MEVD17_4_2	C/D	•	
DS5	2011 - 2013	5FV	1.6L MPI	MED17_4_2	C/D	•	
DS5	2011 - 2013	9HR	1.6L T-Diesel	SID807_BR2	C/D	•	•
DS5	2011 - 2013	BHZ	1.6L T-Diesel	EDC17C60	C/D	•	•P
DS5	2011 - 2013	RHH	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•
Evasion/Synergie	1995 - 2000	DHX	1.9L T-Diesel	AS3.1	C/D	•	

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertia Body Return, H: Type of Auto, \* Other (see table on page 26) Dark grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

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Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Evasion/Synergie	1995 - 2000	P8C	2.1L 12V T-Diesel	EPIC J5	C/D		
Evasion/Synergie	1995 - 2000	P8C	2.1L 12V T-Diesel	EPIC J5 AFL	C/D		
Evasion/Synergie	1995 - 2001	RFU	2.0L MPI	MM8P	C/D	•	
Evasion/Synergie	1995 - 2001	RGX	2.0L Turbo MPI	MP3.2	C/D		
Evasion/Synergie	1996 - 2001	LFW	1.8L MPI	MM8P	C/D	•	
Evasion/Synergie	1998 - 2001	RFV	2.0L MPI	MP7.3	C/D		
Evasion/Synergie	1998 - 2002	RHZ	2.0L T-Diesel	BOSCH EDC15	C/D		
Evasion/Synergie	2000 - 2002	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
Evasion/Synergie	2000 - 2002	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
Evasion/Synergie	2000 - 2002	RHW	2.0L T-Diesel	BOSCH EDC15	C/D		
Jumper 1/Relay 1	1995 - 1997	RFW	2.0L MPI	MM8P	C/D	•	
Jumper 1/Relay 1	1997 - 2001	2800 D	2.8L Diesel	EGR BITRON MID	C/D		
Jumper 1/Relay 1	2000 - 2001	4HY	2.2L T-Diesel	EDC15C7	C/D	•	
Jumper 1/Relay 1	2000 - 2001	8140.43S	2.8L T-Diesel	EDC15C7	C/D	•	
Jumper 1/Relay 1	2000 - 2001	RHV	2.0L T-Diesel	EDC15C7	C/D	•	
Jumper 2/Relay 2	2001 - 2003	RFL	2.0L MPI	MM 4.8P	C/D	•	RA
Jumper 2/Relay 2	2001 - 2003	RFL	2.0L MPI	MM 4.MP	C/D	•	RA
Jumper 2/Relay 2	2001 - 2006	4HY	2.2L T-Diesel	EDC15C7	C/D	•	
Jumper 2/Relay 2	2001 - 2006	8140.43S	2.8L T-Diesel	EDC15C7	C/D	•	
Jumper 2/Relay 2	2001 - 2006	RHV	2.0L T-Diesel	EDC15C7	C/D	•	
Jumper 2/Relay 2	2004 - 2006	RFW	2.0L MPI	MM 4.8P	C/D	•	RA
Jumper 2/Relay 2	2004 - 2006	RFW	2.0L MPI	MM 4.MP	C/D	•	RA
Jumper 3	2007 - 2009	100HP	2.2L T-Diesel	DCU-102	C/D	•	*,0
Jumper 3	2007 - 2009	120HP	2.2L T-Diesel	DCU-102	C/D	•	*,0
Jumper 3	2007 - 2009	160HP	3.0L T-Diesel	EDC16C39 CF4	C/D		*,0
Jumper 3	2010 - 2010	100HP	2.2L T-Diesel	SID208	C/D	•	*,P
Jumper 3	2010 - 2010	120HP	2.2L T-Diesel	SID208	C/D	•	*,P
Jumper 3	2010 - 2010	160HP	3.0L T-Diesel	EDC17CP52	C/D	•	*,P
Jumper 3/Relay 3	2006 - 2006	100HP	2.2L T-Diesel	DCU-102	C/D	•	*,0
Jumper 3/Relay 3	2006 - 2006	120HP	2.2L T-Diesel	DCU-102	C/D	•	*,0
Jumper 3/Relay 3	2006 - 2006	160HP	3.0L T-Diesel	EDC16C39 CF4	C/D		*,0
Jumpy 3	2007 - 2010	RHG	2.0L T-Diesel	SIEM. SID803A	C/D	•	
Jumpy 3	2007 - 2013	9HU	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	*,E,I
Jumpy 3	2007 - 2013	RHK	2.0L T-Diesel	SIEM. SID803A	C/D	•	
Jumpy 3	2007 - 2013	RHR	2.0L T-Diesel	SIEM. SID803A	C/D	•	
Jumpy 3	2010 - 2013	RHH	2.0L T-Diesel	DCM3.5	C/D	•	•
Jumpy/Dispatch	1995 - 2001	220A2	1.6L CPI	MA1.7	C/D		
Jumpy/Dispatch	1996 - 2001	DHX	1.9L T-Diesel	AS3.1	C/D	•	
Jumpy/Dispatch	1996 - 2001	P8C	2.1L 12V T-Diesel	EPIC J5	C/D		
Jumpy/Dispatch	1996 - 2001	P8C	2.1L 12V T-Diesel	EPIC J5 AFL	C/D		
Jumpy/Dispatch	1998 - 2001	RHX	2.0L T-Diesel	BOSCH EDC15	C/D		
Jumpy/Dispatch	2000 - 2001	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
Jumpy/Dispatch	2000 - 2001	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
Jumpy/Dispatch	2000 - 2001	RHW	2.0L T-Diesel	BOSCH EDC15	C/D		
Jumpy/Dispatch	2000 - 2001	RHZ	2.0L T-Diesel	BOSCH EDC15	C/D		
Jumpy/Dispatch	2000 - 2001	WJY	1.9L Diesel	LUCAS DCN2	C/D		
Jumpy/Dispatch	2001 - 2001	RHY	2.0L T-Diesel	BOSCH EDC15	C/D		
Jumpy/Dispatch	2001 - 2001	RHY	2.0L T-Diesel	SIEM. SID801	C/D		
Jumpy/Dispatch 2	2002 - 2002	220A2	1.6L CPI	MA1.7	C/D		
Jumpy/Dispatch 2	2002 - 2002	DHX	1.9L T-Diesel	AS3.1	C/D	•	
Jumpy/Dispatch 2	2002 - 2007	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
Jumpy/Dispatch 2	2002 - 2007	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
Jumpy/Dispatch 2	2002 - 2007	RHW	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Jumpy/Dispatch 2	2002 - 2007	RHX	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Jumpy/Dispatch 2	2002 - 2007	RHY	2.0L T-Diesel	BOSCH EDC15	C/D		
Jumpy/Dispatch 2	2002 - 2007	RHY	2.0L T-Diesel	SIEM. SID801	C/D		
Jumpy/Dispatch 2	2002 - 2007	RHZ	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Jumpy/Dispatch 2	2002 - 2007	WJY	1.9L Diesel	LUCAS DCN2	C/D		
Jumpy/Dispatch 2	2003 - 2007	RFN	2.0L MPI	MM6LP PSA	C/D	•	RA

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Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Jumpy/Dispatch 2	2004 - 2007	RHZ	2.0L T-Diesel	SIEM. SID801	C/D		
Nemo	2008 - 2013	8HS	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	
Nemo	2008 - 2013	FHZ	1.3L HDI	MARELLI 6F3	C/D	•	*,I,P
Nemo	2008 - 2013	FHZ	1.3L HDI	Marelli 8DF CF5/EOBD	C/D	•	
Nemo	2008 - 2013	KFV	1.4L MPI	TU3 PSA	C/D	•	RA
Relay 3	2007 - 2008	100HP	2.2L T-Diesel	DCU-102	C/D	•	*,0
Relay 3	2007 - 2008	120HP	2.2L T-Diesel	DCU-102	C/D	•	*,0
Relay 3	2007 - 2008	160HP	3.0L T-Diesel	EDC16C39 CF4	C/D		*,0
Relay 3 (EU4)	2009 - 2013	100HP	2.2L T-Diesel	DCU-102	C/D	•	*,0
Relay 3 (EU4)	2009 - 2013	120HP	2.2L T-Diesel	DCU-102	C/D	•	*,0
Relay 3 (EU4)	2009 - 2013	160HP	3.0L T-Diesel	EDC16C39 CF4	C/D		*,0
Relay 3 (EU5)	2010 - 2013	110HP	2.2L T-Diesel	SID208	C/D	•	*,P
Relay 3 (EU5)	2010 - 2013	130HP	2.2L T-Diesel	SID208	C/D	•	*,P
Relay 3 (EU5)	2010 - 2013	150HP	2.2L T-Diesel	SID208	C/D	•	*,P
Relay 3 (EU5)	2010 - 2013	F1CE3481E	3.0L T-Diesel	EDC17CP52	C/D	•	*,P
Saxo	1996 - 1998	NFZ	1.6L MPI	MP5.1	C/D		
Saxo	1996 - 1998	NFZ	1.6L MPI	MP5.1 RATIO	C/D		
Saxo	1996 - 2002	CDY	1.0L CPI	MA3.1	C/D		
Saxo	1996 - 2002	CDZ	1.0L CPI	MA3.1	C/D		
Saxo	1996 - 2002	HDY	1.1L CPI	MA3.1	C/D		
Saxo	1996 - 2002	HDZ	1.1L CPI	MA3.1	C/D		
Saxo	1996 - 2002	KFX	1.4L MPI	MM 1AP	C/D		
Saxo	1996 - 2002	KFX	1.4L MPI	MM 1AP 41	C/D		
Saxo	1996 - 2002	NFZ	1.6L MPI	MP5.2	C/D		
Saxo	1996 - 2003	NFX	1.6L MPI	MM 1AP	C/D		
Saxo	1996 - 2003	NFX	1.6L MPI	MM 1AP 41	C/D		
Saxo	1996 - 2003	VJX	1.5L Diesel Bosch	BOSCH AS4	C/D	•	
Saxo	1997 - 2002	KFX	1.4L MPI	MP7.3	C/D		
Saxo	1997 - 2002	NFZ	1.6L MPI	MP7.2	C/D		
Saxo	1999 - 2002	VJU	1.5L Diesel Bosch	BOSCH AS4	C/D	•	
Saxo	1999 - 2003	KFW	1.4L MPI	SAGEM S2000	C/D	•	RA
Saxo	1999 - 2003	KFW	1.4L MPI	SAGEM S2000 BATT	C/D	•	RA
Saxo	2000 - 2002	NFV	1.6L MPI	M7.4.4	C/D	•	RA
Saxo	2000 - 2003	HFX	1.1L MPI	M7.4.4	C/D	•	RA
Saxo	2000 - 2003	HFX	1.1L MPI	MM 4.8P	C/D	•	RA
Saxo	2000 - 2003	NFT	1.6L MPI	M7.4.4	C/D	•	RA
Saxo	2000 - 2003	NFU	1.6L MPI	ME7.4.4	C/D	•	RA
Saxo	2000 - 2003	NFX	1.6L MPI	MM 4.8P	C/D	•	RA
Xantia	1995 - 1995	RFY	2.0L MPI	MP3.2	C/D		
Xantia	1995 - 1997	LFZ	1.8L MPI	MM8P	C/D	•	
Xantia	1995 - 1997	LFZ	1.8L MPI	MP5.1	C/D		
Xantia	1995 - 1997	LFZ	1.8L MPI	MP5.1 RATIO	C/D		
Xantia	1995 - 1998	LFY	1.8L MPI	MP5.1.1	C/D		
Xantia	1995 - 1998	R6D	2.0L MPI	MM8P	C/D	•	
Xantia	1995 - 1998	RFT	2.0L MPI	MP3.2	C/D		
Xantia	1995 - 1998	RFV	2.0L MPI	MP5.1.1	C/D		
Xantia	1995 - 2000	P8C	2.1L 12V T-Diesel	EPIC J5	C/D		
Xantia	1995 - 2000	P8C	2.1L 12V T-Diesel	EPIC J5 AFL	C/D		
Xantia	1995 - 2001	R6E	2.0L MPI	MP5.2	C/D		
Xantia	1995 - 2002	BFZ	1.6L MPI	MM8P	C/D	•	
Xantia	1995 - 2002	DHX	1.9L T-Diesel	AS3.1	C/D	•	
Xantia	1995 - 2002	L6A	1.8L MPI	MM8P	C/D	•	
Xantia	1995 - 2002	LFY	1.8L MPI	SAGEM SL96	C/D		
Xantia	1995 - 2002	RFV	2.0L MPI	MP5.2	C/D		
Xantia	1995 - 2002	RFX	2.0L MPI	MM8P	C/D	•	
Xantia	1995 - 2002	RGX	2.0L Turbo MPI	MP3.2	C/D		
Xantia	1997 - 1998	LFY	1.8L MPI	MM 1AP	C/D		
Xantia	1997 - 1998	LFY	1.8L MPI	MM 1AP 41	C/D		
Xantia	1997 - 2002	LFX	1.8L MPI	MM 1AP	C/D		

Key for Special Functions: BB: Brake Bleed, BSS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, I: Inertia Body Return, Jk: Jumper or Type Sent Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

CITROËN		Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Model	Years						
Xantia	1997 - 2002	LFX	1.8L MPI	MM 1AP 41	C/D		
Xantia	1997 - 2002	LFY	1.8L MPI	MP5.2	C/D		
Xantia	1997 - 2002	LFY	1.8L MPI	MP7.3	C/D		
Xantia	1997 - 2002	XFZ	3.0L 24V MPI	MP7.0	C/D		
Xantia	1998 - 2002	RHY	2.0L T-Diesel	BOSCH EDC15	C/D		
Xantia	1998 - 2002	RHZ	2.0L T-Diesel	BOSCH EDC15	C/D		
Xantia	2000 - 2002	XFX	3.0L 24V MPI	ME7.4.6	C/D		
XM	1995 - 1995	RDZ	2.0L CPI	MMG5	C/D		
XM	1995 - 1996	RFZ	2.0L MPI	MP5.1	C/D		
XM	1995 - 1996	RFZ	2.0L MPI	MP5.1 RATIO	C/D		
XM	1995 - 1996	RGY	2.0L Turbo MPI	MP3.2	C/D		
XM	1995 - 2000	P8C	2.1L 12V T-Diesel	EPIC J5	C/D		
XM	1995 - 2000	P8C	2.1L 12V T-Diesel	EPIC J5 AFL	C/D		
XM	1995 - 2000	R6A	2.0L MPI	MMG5	C/D		
XM	1995 - 2000	R6E	2.0L MPI	MP5.2	C/D		
XM	1995 - 2000	RFV	2.0L MPI	MP5.1.1	C/D		
XM	1995 - 2000	RFV	2.0L MPI	MP5.2	C/D		
XM	1995 - 2000	RGX	2.0L Turbo MPI	MP3.2	C/D		
XM	1995 - 2000	THY	2.5L T-Diesel	MSA11 3.6	C/D		
XM	1995 - 2000	THY	2.5L T-Diesel	MSA11 7.6	C/D		
XM	1995 - 2000	UFY	3.0L MPI	FENIX 3B	C/D		
XM	1995 - 2000	UFZ	3.0L MPI	FENIX 3B	C/D		
XM	1997 - 2000	XFZ	3.0L 24V MPI	MP7.0	C/D		
Xsara	1997 - 2002	BFZ	1.6L MPI	MM8P	C/D	•	
Xsara	1997 - 2002	DHV	1.9L T-Diesel	AS3.1	C/D	•	
Xsara	1997 - 2002	KFX	1.4L MPI	MM 1AP	C/D		
Xsara	1997 - 2002	KFX	1.4L MPI	MM 1AP 41	C/D		
Xsara	1997 - 2002	KFX	1.4L MPI	MP7.3	C/D		
Xsara	1997 - 2002	KFX	1.4L MPI	SAGEM SL96	C/D		
Xsara	1997 - 2002	L6A	1.8L MPI	MM8P	C/D	•	
Xsara	1997 - 2002	LFX	1.8L MPI	MM 1AP	C/D		
Xsara	1997 - 2002	LFX	1.8L MPI	MM 1AP 41	C/D		
Xsara	1997 - 2002	LFY	1.8L MPI	SAGEM SL96	C/D		
Xsara	1997 - 2002	LFZ	1.8L MPI	MM8P	C/D	•	
Xsara	1997 - 2002	NFX	1.6L MPI	MM 1AP	C/D		
Xsara	1997 - 2002	NFX	1.6L MPI	MM 1AP 41	C/D		
Xsara	1997 - 2002	NFZ	1.6L MPI	MP5.2	C/D		
Xsara	1997 - 2002	NFZ	1.6L MPI	MP7.2	C/D		
Xsara	1997 - 2002	R6E	2.0L MPI	MP5.2	C/D		
Xsara	1997 - 2002	RFV	2.0L MPI	MP5.2	C/D		
Xsara	1997 - 2004	RFS	2.0L MPI	MM 1AP	C/D		
Xsara	1997 - 2004	RFS	2.0L MPI	MM 1AP 41	C/D		
Xsara	1997 - 2004	RFS	2.0L MPI	MM 4.8P	C/D	•	RA
Xsara	1998 - 2004	RHY	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Xsara	2000 - 2002	LFY	1.8L MPI	MM 1AP	C/D		
Xsara	2000 - 2002	LFY	1.8L MPI	MM 1AP 41	C/D		
Xsara	2000 - 2003	6FZ	1.8L MPI	SAGEM S2000	C/D	•	RA
Xsara	2000 - 2003	6FZ	1.8L MPI	SAGEM S2000 BATT	C/D	•	RA
Xsara	2000 - 2004	KFW	1.4L MPI	SAGEM S2000	C/D	•	RA
Xsara	2000 - 2004	KFW	1.4L MPI	SAGEM S2000 BATT	C/D	•	RA
Xsara	2000 - 2004	NFU	1.6L MPI	ME7.4.4	C/D	•	RA
Xsara	2000 - 2004	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
Xsara	2000 - 2004	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
Xsara	2000 - 2004	RFN	2.0L MPI	MM6LP PSA	C/D	•	RA
Xsara	2000 - 2004	RHY	2.0L T-Diesel	SIEM. SID801	C/D		
Xsara	2000 - 2004	RHZ	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Xsara	2000 - 2004	RHZ	2.0L T-Diesel	SIEM. SID801	C/D		
Xsara	2000 - 2004	WJY	1.9L Diesel	LUCAS DCN2	C/D	•	
Xsara	2001 - 2002	NFV	1.6L MPI	M7.4.4	C/D	•	RA

CITROËN		Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Model	Years						
Xsara	2002 - 2003	8HY	1.4L T-Diesel	DELPHI C6	C/D		
Xsara	2002 - 2004	8HZ	1.4L T-Diesel	BOSCH EDC16	C/D		•,I
Xsara	2004 - 2004	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
Xsara Picasso	1999 - 2002	NFZ	1.6L MPI	MP7.2	C/D		
Xsara Picasso	1999 - 2008	6FZ	1.8L MPI	SAGEM S2000	C/D	•	RA
Xsara Picasso	1999 - 2008	6FZ	1.8L MPI	SAGEM S2000 BATT	C/D	•	RA
Xsara Picasso	1999 - 2008	RHY	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Xsara Picasso	2000 - 2003	NFU	1.6L MPI	ME7.4.4	C/D	•	RA
Xsara Picasso	2000 - 2008	NFV	1.6L MPI	M7.4.4	C/D	•	RA
Xsara Picasso	2000 - 2008	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
Xsara Picasso	2000 - 2008	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
Xsara Picasso	2000 - 2008	RFN	2.0L MPI	MM6LP PSA	C/D	•	RA
Xsara Picasso	2000 - 2008	RHZ	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Xsara Picasso	2001 - 2003	5FZ	1.6L MPI	S2000PM1	C/D	•	RA
Xsara Picasso	2002 - 2008	8HX	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA
Xsara Picasso	2002 - 2008	8HX	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Xsara Picasso	2002 - 2008	8HX	1.4L T-Diesel	SIEM. SID802	C/D		
Xsara Picasso	2002 - 2008	8HX	1.4L T-Diesel	SIEM. SID804	C/D		
Xsara Picasso	2002 - 2008	8HY	1.4L T-Diesel	DELPHI C6	C/D		•,I
Xsara Picasso	2002 - 2008	8HZ	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA
Xsara Picasso	2002 - 2008	8HZ	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Xsara Picasso	2002 - 2008	8HZ	1.4L T-Diesel	SIEM. SID802	C/D		
Xsara Picasso	2002 - 2008	8HZ	1.4L T-Diesel	SIEM. SID804	C/D		
Xsara Picasso	2002 - 2008	9HX	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
Xsara Picasso	2002 - 2008	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Xsara Picasso	2002 - 2008	9HX	1.6L T-Diesel	SIEM. SID802	C/D		
Xsara Picasso	2002 - 2008	9HX	1.6L T-Diesel	SIEM. SID804	C/D		
Xsara Picasso	2002 - 2008	9HY	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
Xsara Picasso	2002 - 2008	9HY	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Xsara Picasso	2002 - 2008	9HY	1.6L T-Diesel	SIEM. SID802	C/D		
Xsara Picasso	2002 - 2008	9HY	1.6L T-Diesel	SIEM. SID804	C/D		
Xsara Picasso	2002 - 2008	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
Xsara Picasso	2002 - 2008	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Xsara Picasso	2002 - 2008	9HZ	1.6L T-Diesel	SIEM. SID802	C/D		
Xsara Picasso	2002 - 2008	9HZ	1.6L T-Diesel	SIEM. SID804	C/D		
Xsara Picasso	2002 - 2008	KFV	1.4L MPI	S2000PM1	C/D	•	RA
Xsara Picasso	2004 - 2008	6FZ	1.8L MPI	S2000PM1	C/D	•	RA
Xsara Picasso	2004 - 2008	NFV	1.6L MPI	ME7.4.5	C/D	•	RA
Xsara Picasso	2005 - 2008	N6A	1.6L MPI	ME7.4.5	C/D	•	RA
Xsara Picasso	2005 - 2008	NF5	1.6L MPI	ME7.4.5	C/D	•	RA
Xsara Picasso	2005 - 2008	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
ZX	1995 - 1995	RFS	2.0L MPI	MM 1AP 41	C/D		
ZX	1995 - 1997	BDY	1.6L CPI	MMG6	C/D		
ZX	1995 - 1997	BFZ	1.6L MPI	MM8P	C/D	•	
ZX	1995 - 1997	BFZ	1.6L MPI	SAGEM 4GJ	C/D		
ZX	1995 - 1997	HDY	1.1L CPI	MA3.0	C/D		
ZX	1995 - 1997	HDY	1.1L CPI	MA3.1	C/D		
ZX	1995 - 1997	HDZ	1.1L CPI	MA3.0	C/D		
ZX	1995 - 1997	HDZ	1.1L CPI	MA3.1	C/D		
ZX	1995 - 1997	KDX	1.4L CPI	MA3.0	C/D		
ZX	1995 - 1997	KDX	1.4L CPI	MMG6	C/D		
ZX	1995 - 1997	KFX	1.4L MPI	MM 1AP	C/D		
ZX	1995 - 1997	KFX	1.4L MPI	MM 1AP 41	C/D		
ZX	1995 - 1997	L6A	1.8L MPI	MM8P	C/D	•	
ZX	1995 - 1997	LFY	1.8L MPI	MP5.2	C/D		
ZX	1995 - 1997	LFZ	1.8L MPI	MM8P	C/D	•	
ZX	1995 - 1997	LFZ	1.8L MPI	MP5.1	C/D		
ZX	1995 - 1997	LFZ	1.8L MPI	MP5.1 RATIO	C/D		
ZX	1995 - 1997	NFZ	1.6L MPI	MP5.2	C/D		

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, H: Hydraulic or Type Semi Auto, \* Other (see table on page 26) Data grey lines indicate new content at 1.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Engine Management Applications

CITROËN		Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Model								
ZX		1995 - 1997	R6D	2.0L MPI	MM8P	C/D	•	
ZX		1995 - 1997	RFT	2.0L MPI	MP3.2	C/D		
ZX		1995 - 1997	RFX	2.0L MPI	MM8P	C/D	•	
ZX		1995 - 1997	RFY	2.0L MPI	MP3.2	C/D		
ZX		1996 - 1997	RFS	2.0L MPI	MM 1AP	C/D		

## Airbag

CITROËN		Years	System	Codes/ Data	Actuator Tests	Special Functions
Model						
Berlingo		1996 - 2012	AB AUTOLIV	C/D		
Berlingo		1996 - 2012	AB TRW	C/D	•	
Berlingo		1999 - 2012	AUTOLIV ACU	C/D	•	•
Berlingo (B9)		2008 - 2013	SAC_AUTOLIV	C/D	•	•
C Zero		2011 - 2013	SRS	C/D	•	
C1		2005 - 2013	SAC_TRW	C/D		
C2		2003 - 2004	AB TEMIC	C/D	•	•
C2		2007 - 2013	SAC_TEMIC	C/D	•	•
C2 (->RP Number 10461)		2005 - 2006	AB TEMIC	C/D	•	•
C2 (RP Number 10461 ->)		2005 - 2006	SAC_TEMIC	C/D	•	•
C3		2002 - 2005	AB TEMIC	C/D	•	•
C3 (A51)		2010 - 2013	SAC_AUTOLIV	C/D	•	•
C3 (New Look)		2005 - 2013	SAC_TEMIC	C/D	•	•
C3 Picasso		2009 - 2010	SAC_AUTOLIV	C/D	•	•
C3 Picasso (A58)		2011 - 2013	SAC_AUTOLIV	C/D	•	•
C3 Pluriel		2004 - 2007	AB TEMIC	C/D	•	•
C3 Pluriel Restyle		2005 - 2013	SAC_TEMIC	C/D	•	•
C4		2004 - 2010	SAC_AUTOLIV	C/D	•	•
C4 (B7)		2011 - 2013	RBG_UDS	C/D		
C4 Aircross		2013 - 2013	SAC_TRW	C/D	•	
C4 Picasso		2006 - 2013	SAC_AUTOLIV	C/D	•	•
C5		2001 - 2004	AB AUTOLIV	C/D		
C5		2001 - 2004	AB TEMIC	C/D	•	•
C5		2001 - 2004	AUTOLIV ACU	C/D	•	•
C5		2008 - 2013	SAC_AUTOLIV	C/D	•	•
C5 II		2004 - 2007	SAC_AUTOLIV	C/D	•	•
C6		2006 - 2013	SAC_AUTOLIV	C/D	•	•
C8		2002 - 2005	AB TEMIC	C/D	•	•
C8 Restyle		2005 - 2013	SAC_TEMIC	C/D	•	•
C-Crosser		2007 - 2013	SAC_TRW	C/D	•	•
Dispatch 3		2007 - 2013	SAC_BOSCH	C/D	•	•
DS3		2009 - 2013	SAC_AUTOLIV	C/D	•	•
DS4		2012 - 2013	RBG_UDS	C/D		
DS5		2011 - 2013	RBG_UDS	C/D		
Evasion/Synergie		1995 - 2002	AB AUTOLIV	C/D		
Evasion/Synergie		1999 - 2002	AUTOLIV ACU	C/D	•	•
Jumper 1/Relay 1		1995 - 2001	BREED MY97	C/D		
Jumper 2/Relay 2		2001 - 2006	SIEMENS MY 99 16-PIN	C/D	•	
Jumper 3		2007 - 2009	TRW1	C/D		
Jumper 3		2010 - 2010	SDM	C/D	•	
Jumper 3/Relay 3		2006 - 2006	TRW1	C/D		
Jumpy 3		2007 - 2013	SAC_BOSCH	C/D	•	•
Jumpy/Dispatch		1995 - 2001	AB AUTOLIV	C/D		
Jumpy/Dispatch		2000 - 2001	AUTOLIV ACU	C/D	•	•
Jumpy/Dispatch 2		2002 - 2007	AB AUTOLIV	C/D		
Jumpy/Dispatch 2		2002 - 2007	AUTOLIV ACU	C/D	•	•
Nemo		2008 - 2013	AUTOLIV AIRBAG(PROXI)	C/D	•	
Relay 3		2007 - 2008	TRW1	C/D		
Relay 3 (EU4)		2009 - 2013	TRW1	C/D		
Relay 3 (EU5)		2010 - 2013	SDM	C/D	•	
Saxo		1996 - 2003	AB AUTOLIV	C/D		
Saxo		1999 - 2003	AUTOLIV ACU	C/D	•	•
Xantia		1995 - 2002	AB AUTOLIV	C/D		
Xantia		1997 - 2002	SIDE-AIRBAG	C/D	•	
Xantia		1999 - 2002	AUTOLIV ACU	C/D	•	•
XM		1995 - 2000	AB AUTOLIV	C/D		

Key for Special Functions: ABS Brake Bleed, BSS Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, I: Inertial Body Return, Jk: Jumper or Type Sem Auto, \*: Other (see table on page 263) Dark grey lines indicate new content at 1.4.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Airbag Continued

CITROËN					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
XM	1995 - 2000	SIDE-AIRBAG	C/D	•	
XM	1998 - 2000	AUTOLIV ACU	C/D	•	•
Xsara	1997 - 2004	AB AUTOLIV	C/D		
Xsara	1997 - 2004	AUTOLIV ACU	C/D	•	•
Xsara	1997 - 2004	SIDE-AIRBAG	C/D	•	
Xsara Picasso	1999 - 2005	SIDE-AIRBAG	C/D	•	
Xsara Picasso	1999 - 2008	AB AUTOLIV	C/D		
Xsara Picasso	1999 - 2008	AUTOLIV ACU	C/D	•	•

## Antilock Brakes

CITROËN					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
AX	1995 - 1997	BENDIX	C/D		
Berlingo	1996 - 2012	ABS 5	C/D		
Berlingo	1997 - 2012	ABS 5.3	C/D		
Berlingo	1999 - 2012	ABS 5.3 ESP	C/D		•,S
Berlingo	2004 - 2012	ABS 5.7 ESP	C/D		BB
Berlingo	2004 - 2012	ABS 8	C/D		
Berlingo (B9)	2008 - 2013	ABS 8.1	C/D	•	BB
Berlingo (B9)	2008 - 2013	ESP8.1_BOSCH	C/D	•	BB,BS
C Zero	2011 - 2013	ASC	C/D	•	
C1	2005 - 2013	ABS8.0_C1	C/D		
C2	2003 - 2013	ABS MK70	C/D	•	
C2	2003 - 2013	ESP MK60	C/D	•	•,S
C2	2007 - 2013	ABS MK70.1	C/D	•	BB
C2	2007 - 2013	ESP_MK60-O	C/D	•	BB
C2 (->RP Number 10461)	2005 - 2006	ABS MK70	C/D	•	
C2 (->RP Number 10461)	2005 - 2006	ESP MK60	C/D	•	•,S
C2 (RP Number 10461 ->)	2005 - 2006	ABS MK70	C/D	•	
C2 (RP Number 10461 ->)	2005 - 2006	ABS MK70.1	C/D	•	BB
C2 (RP Number 10461 ->)	2005 - 2006	ESP MK60	C/D	•	•,S
C2 (RP Number 10461 ->)	2005 - 2006	ESP_MK60-O	C/D	•	BB
C3	2002 - 2005	ABS MK60	C/D	•	
C3	2002 - 2005	ABS MK70	C/D	•	
C3	2002 - 2005	ESP MK60	C/D	•	•,S
C3 (A51)	2010 - 2013	ABS MK70.2	C/D	•	•
C3 (A51)	2010 - 2013	ESP_MK60	C/D	•	BB
C3 (A51)	2012 - 2012	ABS_MK100	C/D	•	
C3 (New Look)	2005 - 2013	ABS MK70	C/D	•	
C3 (New Look)	2005 - 2013	ABS MK70.1	C/D	•	BB
C3 (New Look)	2005 - 2013	ESP MK60	C/D	•	•,S
C3 (New Look)	2005 - 2013	ESP_MK60-O	C/D	•	BB
C3 Picasso	2009 - 2010	ABS MK70.2	C/D	•	
C3 Picasso	2009 - 2010	ABS_MK100	C/D	•	
C3 Picasso	2009 - 2010	ESP_MK60	C/D	•	BB
C3 Picasso (A58)	2011 - 2013	ABS MK70.2	C/D	•	

## Antilock Brakes Continued

CITROËN					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
C3 Picasso (A58)	2011 - 2013	ABS_MK100	C/D	•	
C3 Picasso (A58)	2011 - 2013	ESP_MK60	C/D	•	BB
C3 Pluriel	2004 - 2007	ABS MK60	C/D	•	
C3 Pluriel	2004 - 2007	ABS MK70	C/D	•	
C3 Pluriel	2004 - 2007	ESP MK60	C/D	•	•,S
C3 Pluriel Restyle	2005 - 2013	ABS MK70	C/D	•	
C3 Pluriel Restyle	2005 - 2013	ABS MK70.1	C/D	•	BB
C3 Pluriel Restyle	2005 - 2013	ESP MK60	C/D	•	•,S
C3 Pluriel Restyle	2005 - 2013	ESP_MK60-O	C/D	•	BB
C4	2004 - 2010	ABS 8.1	C/D	•	BB
C4	2004 - 2010	ABS8_BOSCH	C/D	•	BB
C4	2004 - 2010	ESP8.1_BOSCH	C/D	•	BB,BS
C4	2004 - 2010	ESP8_BOSCH	C/D	•	BB,BS
C4 (B7)	2011 - 2013	ABS 8.1	C/D	•	BB
C4 (B7)	2011 - 2013	ESP8.1_BOSCH	C/D	•	BB,BS
C4 Aircross	2013 - 2013	TEVES ABS	C/D	•	
C4 Aircross	2013 - 2013	TEVES ESP	C/D	•	•,S
C4 Picasso	2006 - 2013	ESP8.1_BOSCH	C/D	•	BB,BS
C5	2001 - 2004	ABS MK60	C/D	•	
C5	2001 - 2004	ESP MK60	C/D	•	•,S
C5	2008 - 2009	ESP_MK60	C/D	•	BB
C5	2008 - 2013	ESP8.1_BOSCH	C/D	•	BB,BS
C5 II	2004 - 2007	ESP_MK60	C/D	•	BB
C6	2006 - 2013	ESP_VSC440	C/D	•	BB
C6	2006 - 2013	ESP8.1_BOSCH	C/D	•	BB,BS
C8	2002 - 2004	ABS 5.3	C/D		
C8	2002 - 2005	ABS 5.7	C/D		
C8	2002 - 2005	ABS 5.7 ESP	C/D		BB
C8 Restyle	2005 - 2013	ESP8_BOSCH	C/D	•	BB,BS
C8 Restyle	2006 - 2013	ESP8.1_BOSCH	C/D	•	BB,BS
C-Crosser	2007 - 2013	TEVES ABS	C/D	•	
C-Crosser	2007 - 2013	TEVES ESP	C/D	•	•,S
Dispatch 3	2007 - 2013	ABS 8.1	C/D	•	BB
Dispatch 3	2007 - 2013	ABS8_BOSCH	C/D	•	BB
Dispatch 3	2007 - 2013	ESP8.1_BOSCH	C/D	•	BB,BS
Dispatch 3	2007 - 2013	ESP8_BOSCH	C/D	•	BB,BS
DS3	2009 - 2013	ABS MK70.2	C/D	•	•
DS3	2009 - 2013	ESP_MK60	C/D	•	BB
DS3	2010 - 2013	ESP_MK100	C/D	•	
DS4	2012 - 2013	ABS 8.1	C/D	•	BB
DS4	2012 - 2013	ESP8.1_BOSCH	C/D	•	BB,BS
DS5	2011 - 2013	ABS 8.1	C/D	•	BB
DS5	2011 - 2013	ESP8.1_BOSCH	C/D	•	BB,BS
Evasion/Synergie	1995 - 1998	BENDIX	C/D		
Evasion/Synergie	1997 - 2002	ABS 5.3	C/D		
Evasion/Synergie	1999 - 2002	ABS 5.3 ESP	C/D		•,S
Jumper 1/Relay 1	1995 - 2001	ABS 5.3	C/D		
Jumper 1/Relay 1	1995 - 2001	BENDIX INT	C/D		
Jumper 2/Relay 2	2001 - 2006	ABS BOSCH 5.3 FIAT	C/D		
Jumper 3	2007 - 2009	BOSCH 8 ABS	C/D		
Jumper 3	2007 - 2009	BOSCH 8 VDC ABS	C/D		
Jumper 3	2010 - 2010	ABS90_F	C/D	•	
Jumper 3/Relay 3	2006 - 2006	BOSCH 8 ABS	C/D		
Jumper 3/Relay 3	2006 - 2006	BOSCH 8 VDC ABS	C/D		
Jumpy 3	2007 - 2013	ABS 8.1	C/D	•	BB
Jumpy 3	2007 - 2013	ABS8_BOSCH	C/D	•	BB
Jumpy 3	2007 - 2013	ESP8.1_BOSCH	C/D	•	BB,BS
Jumpy 3	2007 - 2013	ESP8_BOSCH	C/D	•	BB,BS

## Antilock Brakes Continued

CITROËN					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Jumpy/Dispatch	1998 - 2001	ABS 5.3	C/D		
Jumpy/Dispatch	2000 - 2001	ABS 5.3 ESP	C/D		•,S
Jumpy/Dispatch 2	2002 - 2007	ABS 5.3	C/D		
Jumpy/Dispatch 2	2002 - 2007	ABS 5.3 ESP	C/D		•,S
Nemo	2008 - 2013	ABS BOSCH 8 ESP	C/D	•	•,S
Relay 3	2007 - 2008	BOSCH 8 ABS	C/D		
Relay 3	2007 - 2008	BOSCH 8 VDC ABS	C/D		
Relay 3 (EU4)	2009 - 2013	BOSCH 8 ABS	C/D		
Relay 3 (EU4)	2009 - 2013	BOSCH 8 VDC ABS	C/D		
Relay 3 (EU5)	2010 - 2013	ABS90_F	C/D	•	
Saxo	1996 - 1998	ABS MK4GI	C/D		
Saxo	1997 - 2003	ABS MK20E	C/D		
Xantia	1995 - 1998	ABS MK4	C/D		
Xantia	1997 - 2002	ABS 5.3	C/D		
Xantia	1997 - 2002	ABS 5.3 ESP	C/D		•,S
Xantia	1997 - 2002	ABS MK20E	C/D		
XM	1995 - 2000	ABS MK4	C/D		
XM	1995 - 2000	BENDIX INT	C/D		
XM	1997 - 2000	ABS MK20E	C/D		
Xsara	1997 - 2004	ABS 5.3	C/D		
Xsara	1997 - 2004	ABS 5.3 ESP	C/D		•,S
Xsara Picasso	1999 - 2008	ABS 5.3	C/D		
Xsara Picasso	1999 - 2008	ABS 5.3 ESP	C/D		•,S
Xsara Picasso	1999 - 2008	ABS 5.7 ESP	C/D		BB
Xsara Picasso	2000 - 2008	ESP BOSCH 8	C/D		•,S
Xsara Picasso	2002 - 2008	ABS 8	C/D		
ZX	1995 - 1997	ABS 2E	C/D		
ZX	1995 - 1997	ABS 5	C/D		

## Auto Transmission

CITROËN					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Berlingo (B9)	2008 - 2013	CFC300P	C/D	•	•
C1	2005 - 2013	MMT	C/D		•
C2	2003 - 2004	A/TAL4	C/D	•	•
C2	2003 - 2004	AL4 TA2000	C/D	•	•
C2	2003 - 2013	BVMP_MA	C/D	•	•
C2	2007 - 2013	AT AL4	C/D	•	RA
C2 (->RP Number 10461)	2005 - 2006	A/TAL4	C/D	•	•
C2 (->RP Number 10461)	2005 - 2006	AL4 TA2000	C/D	•	•
C2 (->RP Number 10461)	2005 - 2006	BVMP_MA	C/D	•	•
C2 (RP Number 10461 ->)	2005 - 2006	AT AL4	C/D	•	RA
C2 (RP Number 10461 ->)	2005 - 2006	BVMP_MA	C/D	•	•
C3	2002 - 2005	A/TAL4	C/D	•	•
C3	2002 - 2005	AL4 TA2000	C/D	•	•
C3	2002 - 2005	BVMP_MA	C/D	•	•
C3 (A51)	2010 - 2013	AT AL4	C/D	•	RA
C3 (New Look)	2005 - 2013	AT AL4	C/D	•	RA
C3 (New Look)	2005 - 2013	BVMP_MA	C/D	•	•
C3 Pluriel	2004 - 2007	A/TAL4	C/D	•	•
C3 Pluriel	2004 - 2007	AL4 TA2000	C/D	•	•

Key for Special Functions: BB - Brake Bleed, SPS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flywheel, I - Indicator Coding, O - Oil reset for DPPE, P - Particulate Filter, R - Return, RA - Reset Adaptation's S - Steering Angle Sensor, E - Electronic Body Return, Jk - Jumper or Type Semi Auto, \* - Other (see table on page 263) Dark grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



## Auto Transmission Continued

CITROËN		System	Codes/ Data	Actuator Tests	Special Functions
Model	Years				
C3 Pluriel	2004 - 2007	BVMP_MA	C/D	•	•
C3 Pluriel Restyle	2005 - 2013	BVMP_MA	C/D	•	•
C4	2004 - 2010	AM6	C/D	•	•
C4	2004 - 2010	AT AL4	C/D	•	RA
C4	2004 - 2010	CFC300P	C/D	•	•
C4 (B7)	2011 - 2013	AM6 Euro5	C/D	•	•
C4 (B7)	2011 - 2013	BVA_AL4	C/D	•	•
C4 (B7)	2011 - 2013	CFC300P	C/D	•	•
C4 Aircross	2013 - 2013	BV_CVT	C/D	•	•
C4 Picasso	2006 - 2013	AM6	C/D	•	•
C4 Picasso	2006 - 2013	AT AL4	C/D	•	RA
C4 Picasso	2006 - 2013	CFC300P	C/D	•	•
C5	2001 - 2004	A/T AL4	C/D	•	•
C5	2001 - 2004	AL4 TA2000	C/D	•	•
C5	2001 - 2009	A/T ZF 4HP20	C/D	•	•
C5	2008 - 2009	AM6	C/D	•	•
C5	2008 - 2013	AM6 Euro5	C/D	•	•
C5	2008 - 2013	AT AL4	C/D	•	RA
C5 II	2004 - 2007	A/T ZF 4HP20	C/D	•	•
C5 II	2004 - 2007	AM6	C/D	•	•
C5 II	2004 - 2007	AT AL4	C/D	•	RA
C6	2006 - 2013	AM6	C/D	•	•
C8	2002 - 2005	A/T AL4	C/D	•	•
C8	2002 - 2005	A/T ZF 4HP20	C/D	•	•
C8	2002 - 2005	AL4 TA2000	C/D	•	•
C8 Restyle	2005 - 2013	AT AL4	C/D	•	RA
C-Crosser	2007 - 2013	BV_CVT	C/D	•	•
C-Crosser	2013 - 2013	BOITE_GETRAG	C/D	•	•
Dispatch 3	2007 - 2013	AM6 Euro5	C/D	•	•
DS3	2009 - 2013	AT AL4	C/D	•	RA
DS4	2012 - 2013	AM6 Euro5	C/D	•	•
DS4	2012 - 2013	BVA_AL4	C/D	•	•
DS4	2012 - 2013	CFC300P	C/D	•	•
DS5	2011 - 2013	AM6 Euro5	C/D	•	•
DS5	2011 - 2013	BVA_AL4	C/D	•	•
DS5	2011 - 2013	CFC300P	C/D	•	•
Evasion/Synergie	2000 - 2002	AL4 TA2000	C/D	•	•
Jumper 2/Relay 2	2003 - 2006	A/T ZF 4HP20	C/D	•	•
Jumpy 3	2007 - 2013	AM6 Euro5	C/D	•	•
Jumpy/Dispatch 2	2003 - 2007	A/T AL4	C/D	•	•
Jumpy/Dispatch 2	2003 - 2007	AL4 TA2000	C/D	•	•
Nemo	2008 - 2013	BVMP	C/D	•	•
Saxo	1996 - 2003	A/T BVA MB3	C/D	•	•
Xantia	1997 - 2002	A/T AL4	C/D	•	•
Xantia	1997 - 2002	A/T ZF 4HP20	C/D	•	•
Xsara	1997 - 2004	A/T AL4	C/D	•	•
Xsara	1997 - 2004	AL4 TA2000	C/D	•	•
Xsara Picasso	2003 - 2008	A/T AL4	C/D	•	•
Xsara Picasso	2003 - 2008	AL4 TA2000	C/D	•	•
Xsara Picasso	2003 - 2008	BVMP_MA	C/D	•	•

## Instrument Panel

CITROËN		System	Codes/ Data	Actuator Tests	Special Functions
Model	Years				
C Zero	2011 - 2013	METER	C/D	•	•
C2	2003 - 2004	COMBINE	C/D	•	•
C2 (->RP Number 10461)	2005 - 2006	COMBINE	C/D	•	•
C3 (New Look)	2005 - 2013	COMBINE	C/D	•	•
C3 Picasso	2009 - 2010	COMBINE	C/D	•	•
C3 Picasso (A58)	2011 - 2013	COMBINE	C/D	•	•
C4	2004 - 2010	COMBINE	C/D	•	•
C4 Picasso	2006 - 2013	COMBINE	C/D	•	•
C4	2006 - 2013	BV_CVT	C/D	•	•
C5	2001 - 2004	COMBINE	C/D	•	•
C5	2001 - 2004	COMBINE_1	C/D	•	•
C5	2001 - 2013	COMBINE	C/D	•	•
C5 II	2004 - 2007	COMBINE	C/D	•	•
C6	2006 - 2013	COMBINE	C/D	•	•
Jumper 3	2010 - 2010	IPC	C/D	•	•
Nemo	2008 - 2013	MARELLI CLUSTER(EP)	C/D	•	•
Nemo	2008 - 2013	MARELLI CLUSTER(EP)3	C/D	•	•
Relay 3 (EU5)	2010 - 2013	IPC	C/D	•	•
Xsara	2000 - 2004	COMBINE	C/D	•	•
Xsara	2000 - 2004	COMBINE_1	C/D	•	•
Xsara Picasso	1999 - 2008	COMBINE	C/D	•	•
Xsara Picasso	1999 - 2008	COMBINE_1	C/D	•	•

## Other

CITROËN		System	Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years					
Xsara	2003 - 2003	CLIM_REGULEE	C/D	•	•	Air Conditioning
Xsara	2000 - 2004	ALARME-TEXTON	C	•	•	Alarm
Xsara Picasso	1999 - 2008	ALARME-TEXTON	C/D	•	•	Alarm
DS5	2011 - 2013	ALARME	C/D	•	•	Alarm
C2	2003 - 2004	ALARME-TEXTON	C/D	•	•	Alarm
C2 (->RP Number 10461)	2005 - 2006	ALARME-TEXTON	C/D	•	•	Alarm
DS4	2012 - 2013	ALARME	C/D	•	•	Alarm
DS4	2012 - 2013	BECB_GEN2	C/D	•	•	Battery Charge Status Unit
Dispatch 3	2007 - 2013	BECB_GEN2	C/D	•	•	Battery Charge Status Unit
C4 (B7)	2011 - 2013	BECB_GEN2	C/D	•	•	Battery Charge Status Unit
DS5	2011 - 2013	BECB_GEN2	C/D	•	•	Battery Charge Status Unit
DS5	2011 - 2013	BSI Continental SW VERSION 9.41	C/D	•	•	BSI
DS5	2011 - 2013	BSI Continental SW VERSION 9.71	C/D	•	•	BSI
DS4	2012 - 2013	BSI Continental SW VERSION 100.32	C/D	•	•	BSI
DS4	2012 - 2013	BSI Continental SW VERSION 100.35	C/D	•	•	BSI

## Other Continued

CITROËN		System	Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years					
DS4	2012 - 2013	BSI Continental SW VERSION 100.42	C/D	•	•	BSI
DS4	2012 - 2013	BSI Continental SW VERSION 100.51	C/D	•	•	BSI
DS4	2012 - 2013	BSI Continental SW VERSION 7.43	C/D	•	•	BSI
Jumper 3	2007 - 2010	Marelli Body Computer 6	C/D	•	•	BSI
Jumpy 3	2007 - 2013	BSI JCAE VERSION 10.20	C/D	•	•	BSI
Jumpy 3	2007 - 2013	BSI JCAE VERSION 11.23	C/D	•	•	BSI
Jumpy 3	2007 - 2013	BSI JCAE VERSION 3.12	C/D	•	•	BSI
Jumpy 3	2007 - 2013	BSI JCAE VERSION 3.20	C/D	•	•	BSI
Jumpy 3	2007 - 2013	BSI JCAE VERSION 4.12	C/D	•	•	BSI
Jumpy 3	2007 - 2013	BSI JCAE VERSION 5.10	C/D	•	•	BSI
Jumpy 3	2007 - 2013	BSI VALEO VERSION 11.32	C/D	•	•	BSI
Xsara	2000 - 2004	BSI_VAR_C 4.28	C/D	•	•	BSI
Jumper 3/Relay 3	2006 - 2006	Marelli Body Computer 6	C/D	•	•	BSI
Nemo	2008 - 2013	BCM	C/D	•	•	BSI
Relay 3	2007 - 2008	Marelli Body Computer 6	C/D	•	•	BSI
Relay 3 (EU4)	2009 - 2013	Marelli Body Computer 6	C/D	•	•	BSI
Relay 3 (EU5)	2010 - 2013	BCM	C/D	•	•	BSI
Xsara Picasso	1999 - 2008	BSI SIEMENS SW VERSION 20.52	C/D	•	•	BSI
Xsara Picasso	1999 - 2008	BSI SIEMENS SW VERSION 22.00	C/D	•	•	BSI
Xsara Picasso	1999 - 2008	BSI SIEMENS SW VERSION 24.00	C/D	•	•	BSI
Xsara Picasso	1999 - 2008	BSI SIEMENS SW VERSION 25.10	C/D	•	•	BSI
Xsara Picasso	1999 - 2008	BSI SIEMENS SW VERSION 8.02	C/D	•	•	BSI
C4	2004 - 2010	BSI JCAE SW VERSION 3.60	C/D	•	•	BSI
C4	2004 - 2010	BSI JCAE SW VERSION 7.30	C/D	•	•	BSI
C4	2004 - 2010	BSI JCAE SW VERSION 8.46	C/D	•	•	BSI
C4	2004 - 2010	BSI JCAE SW VERSION 9.08	C/D	•	•	BSI
C4	2004 - 2010	BSI JCAE SW VERSION 9.13	C/D	•	•	BSI
C4	2004 - 2010	BSI JCAE SW VERSION 9.41	C/D	•	•	BSI
C4	2004 - 2010	BSI JCAE SW VERSION 9.52	C/D	•	•	BSI
C4	2004 - 2010	BSI VALEO VERSION 6.06	C/D	•	•	BSI
C3 Picasso (A58)	2011 - 2013	BSI JCAE SW VERSION 5.32	C/D	•	•	BSI
C3 Picasso (A58)	2011 - 2013	BSI JCAE SW VERSION 8.20	C/D	•	•	BSI
C3 Picasso (A58)	2011 - 2013	BSI VALEO VERSION 11.50	C/D	•	•	BSI
C3 Picasso (A58)	2011 - 2013	BSI VALEO VERSION 14.31	C/D	•	•	BSI
C3 Picasso (A58)	2011 - 2013	BSI VALEO VERSION 8.40	C/D	•	•	BSI
C3 Picasso (A58)	2011 - 2013	BSI VALEO VERSION 8.41	C/D	•	•	BSI
C3	2002 - 2005	BSI SIEMENS SW VERSION 25.00	C/D	•	•	BSI

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, A: Air/Auto or Type Sens Auto, \* Other (see table on page 26) Dark grey lines indicate new content at 1.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



## Other Continued

CITROËN	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
C3	2002 - 2005	BSI SIEMENS SW VERSION 37.02	C/D	•		BSI
C3	2002 - 2005	BSI SIEMENS SW VERSION 39.01	C/D	•		BSI
C3 (A51)	2010 - 2013	BSI VALEO VERSION 11.40	C/D	•	•	BSI
C3 (A51)	2010 - 2013	BSI VALEO VERSION 11.50	C/D	•	•	BSI
C3 (A51)	2010 - 2013	BSI VALEO VERSION 8.41	C/D	•	•	BSI
C3 (A51)	2010 - 2013	BSI VALEO VERSION 8.42	C/D	•	•	BSI
C3 (A51)	2010 - 2013	BSI VALEO VERSION 8.50	C/D	•	•	BSI
C3 (New Look)	2005 - 2013	BSI JCAE SW VERSION 5.22	C/D	•	•	BSI
C3 (New Look)	2005 - 2013	BSI VALEO VERSION 11.03	C/D	•	•	BSI
C3 (New Look)	2005 - 2013	BSI VALEO VERSION 13.03	C/D	•	•	BSI
C3 (New Look)	2005 - 2013	BSI VALEO VERSION 13.05	C/D	•	•	BSI
C3 (New Look)	2005 - 2013	BSI VALEO VERSION 5.32	C/D	•	•	BSI
C3 (New Look)	2005 - 2013	BSI VALEO VERSION 9.03	C/D	•	•	BSI
C3 Picasso	2009 - 2010	BSI JCAE SW VERSION 5.32	C/D	•	•	BSI
C3 Picasso	2009 - 2010	BSI JCAE SW VERSION 8.20	C/D	•	•	BSI
C3 Picasso	2009 - 2010	BSI VALEO VERSION 11.50	C/D	•	•	BSI
C3 Picasso	2009 - 2010	BSI VALEO VERSION 14.31	C/D	•	•	BSI
C3 Picasso	2009 - 2010	BSI VALEO VERSION 8.40	C/D	•	•	BSI
C3 Picasso	2009 - 2010	BSI VALEO VERSION 8.41	C/D	•	•	BSI
C2 (->RP Number 10461)	2005 - 2006	BSI SIEMENS SW VERSION 40.00	C/D	•		BSI
C2 (->RP Number 10461)	2005 - 2006	BSI SIEMENS SW VERSION 44.50	C/D	•		BSI
C2 (->RP Number 10461)	2005 - 2006	BSI SIEMENS SW VERSION 45.02	C/D	•		BSI
C2 (->RP Number 10461)	2005 - 2006	BSI SIEMENS SW VERSION 46.02	C/D	•		BSI
C2	2003 - 2004	BSI SIEMENS SW VERSION 40.00	C/D	•		BSI
C2	2003 - 2004	BSI SIEMENS SW VERSION 44.50	C/D	•		BSI
C2	2003 - 2004	BSI SIEMENS SW VERSION 45.02	C/D	•		BSI
C2	2003 - 2004	BSI SIEMENS SW VERSION 46.02	C/D	•		BSI
Berlingo	2000 - 2012	BSI SIEMENS SW VERSION 17.00	C/D	•		BSI
Berlingo	2000 - 2012	BSI SIEMENS SW VERSION 20.00	C/D	•		BSI
Berlingo	2000 - 2012	BSI SIEMENS SW VERSION 25.03	C/D	•		BSI
Berlingo (B9)	2008 - 2013	BSI JCAE SW VERSION 17.20	C/D	•	•	BSI
Berlingo (B9)	2008 - 2013	BSI JCAE SW VERSION 17.23	C/D	•	•	BSI
Berlingo (B9)	2008 - 2013	BSI JCAE SW VERSION 18.11	C/D	•	•	BSI

## Other Continued

CITROËN	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Berlingo (B9)	2008 - 2013	BSI JCAE SW VERSION 9.41	C/D	•	•	BSI
Berlingo (B9)	2008 - 2013	BSI JCAE VERSION 5.20	C/D	•	•	BSI
Berlingo (B9)	2008 - 2013	BSI JCAE VERSION 9.71	C/D	•	•	BSI
C Zero	2011 - 2013	ETACS	C/D	•		BSI
Berlingo (B9)	2012 - 2013	BSI JCAE VERSION 9.71	C/D	•		BSI
DS3	2009 - 2013	BSI VALEO VERSION 11.40	C/D	•	•	BSI
DS3	2009 - 2013	BSI VALEO VERSION 11.50	C/D	•	•	BSI
DS3	2009 - 2013	BSI VALEO VERSION 11.61	C/D	•	•	BSI
DS3	2009 - 2013	BSI VALEO VERSION 14.21	C/D	•	•	BSI
DS3	2009 - 2013	BSI VALEO VERSION 14.41	C/D	•	•	BSI
DS3	2009 - 2013	BSI VALEO VERSION 8.41	C/D	•	•	BSI
DS3	2009 - 2013	BSI VALEO VERSION 8.42	C/D	•	•	BSI
DS3	2009 - 2013	BSI VALEO VERSION 8.50	C/D	•	•	BSI
Dispatch 3	2007 - 2013	BSI JCAE VERSION 10.20	C/D	•	•	BSI
Dispatch 3	2007 - 2013	BSI JCAE VERSION 11.23	C/D	•	•	BSI
Dispatch 3	2007 - 2013	BSI JCAE VERSION 3.12	C/D	•	•	BSI
Dispatch 3	2007 - 2013	BSI JCAE VERSION 3.20	C/D	•	•	BSI
Dispatch 3	2007 - 2013	BSI JCAE VERSION 4.12	C/D	•	•	BSI
Dispatch 3	2007 - 2013	BSI JCAE VERSION 5.10	C/D	•	•	BSI
Dispatch 3	2007 - 2013	BSI VALEO VERSION 11.32	C/D	•	•	BSI
C6	2006 - 2013	BSI JCAE SW VERSION 9.84	C/D	•	•	BSI
C6	2006 - 2013	BSI JCAE VERSION 5.13	C/D	•	•	BSI
C8	2002 - 2005	BSI SAGEM VERSION 25.10	C/D	•		BSI
C8	2002 - 2005	BSI SAGEM VERSION 26.02	C/D	•		BSI
C8	2002 - 2005	BSI SAGEM VERSION 30.10	C/D	•		BSI
C4 Picasso	2006 - 2013	BSI JCAE SW VERSION 16.32	C/D	•	•	BSI
C4 Picasso	2006 - 2013	BSI JCAE SW VERSION 17.00	C/D	•	•	BSI
C4 Picasso	2006 - 2013	BSI JCAE SW VERSION 17.20	C/D	•	•	BSI
C4 Picasso	2006 - 2013	BSI JCAE SW VERSION 17.30	C/D	•	•	BSI
C4 Picasso	2006 - 2013	BSI JCAE SW VERSION 17.60	C/D	•	•	BSI
C4 Picasso	2006 - 2013	BSI JCAE SW VERSION 18.11	C/D	•	•	BSI
C4 Picasso	2006 - 2013	BSI JCAE SW VERSION 3.22	C/D	•	•	BSI
C4 Picasso	2006 - 2013	BSI JCAE SW VERSION 3.31	C/D	•	•	BSI
C4 Picasso	2006 - 2013	BSI JCAE SW VERSION 3.60	C/D	•	•	BSI
C4 Picasso	2006 - 2013	BSI JCAE SW VERSION 7.30	C/D	•	•	BSI
C4 Picasso	2006 - 2013	BSI JCAE SW VERSION 9.41	C/D	•	•	BSI

## Other Continued

CITROËN	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
C4 Picasso	2006 - 2013	BSI JCAE SW VERSION 9.42	C/D	•	•	BSI
C4 Picasso	2006 - 2013	BSI JCAE SW VERSION 9.60	C/D	•	•	BSI
C4 Picasso	2006 - 2013	BSI JCAE SW VERSION 9.72	C/D	•	•	BSI
C5	2001 - 2004	BSI SAGEM VERSION 24.16	C/D	•		BSI
C5	2001 - 2004	BSI SAGEM VERSION 25.20	C/D	•		BSI
C5	2008 - 2009	BSI JCAE SW VERSION 3.60	C/D	•	•	BSI
C5	2008 - 2009	BSI JCAE SW VERSION 6.29	C/D	•	•	BSI
C5	2008 - 2009	BSI JCAE SW VERSION 8.46	C/D	•	•	BSI
C5	2008 - 2009	BSI JCAE SW VERSION 9.08	C/D	•	•	BSI
C5	2008 - 2009	BSI JCAE SW VERSION 9.50	C/D	•	•	BSI
C5	2008 - 2009	BSI JCAE SW VERSION 9.60	C/D	•	•	BSI
C5	2008 - 2009	BSI VALEO VERSION 6.06	C/D	•	•	BSI
C5	2008 - 2013	BSI JCAE SW VERSION 11.30	C/D	•	•	BSI
C5	2008 - 2013	BSI JCAE SW VERSION 11.51	C/D	•	•	BSI
C5	2008 - 2013	BSI JCAE SW VERSION 11.81	C/D	•	•	BSI
C5	2008 - 2013	BSI JCAE SW VERSION 5.13	C/D	•		BSI
C5	2008 - 2013	BSI JCAE SW VERSION 5.51	C/D	•	•	BSI
C5	2008 - 2013	BSI JCAE SW VERSION 5.52	C/D	•	•	BSI
C5	2008 - 2013	BSI JCAE SW VERSION 6.28	C/D	•	•	BSI
C5	2008 - 2013	BSI JCAE SW VERSION 6.40	C/D	•	•	BSI
C5	2008 - 2013	BSI JCAE SW VERSION 6.41	C/D	•		BSI
C5	2008 - 2013	BSI JCAE SW VERSION 6.42	C/D	•		BSI
C5	2008 - 2013	BSI JCAE SW VERSION 7.03	C/D	•	•	BSI
C5	2008 - 2013	BSI JCAE SW VERSION 8.15	C/D	•		BSI
C5	2008 - 2013	BSI JCAE SW VERSION 8.22	C/D	•	•	BSI
C5	2008 - 2013	BSI JCAE SW VERSION 8.50	C/D	•		BSI
C5	2008 - 2013	BSI JCAE SW VERSION 8.61	C/D	•	•	BSI
C5	2008 - 2013	BSI SIEMENS SW VERSION 5.98	C/D	•		BSI
C5	2008 - 2013	BSI SIEMENS SW VERSION 6.15	C/D	•		BSI
C5	2008 - 2013	BSI SIEMENS SW VERSION 7.09	C/D	•		BSI

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Indicator Coding, O: Oil Reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, I: Inertia Body Return, A: Type of or Type Semi Auto, \* Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Other Continued

CITROËN		System	Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years					
C5	2008 - 2013	BSI SIEMENS SW VERSION 7.12	C/D	•	•	BSI
C5 II	2004 - 2007	BSI JCAE SW VERSION 3.60	C/D	•	•	BSI
C5 II	2004 - 2007	BSI JCAE SW VERSION 5.13	C/D	•	•	BSI
C5 II	2004 - 2007	BSI JCAE SW VERSION 6.28	C/D	•	•	BSI
C5 II	2004 - 2007	BSI JCAE SW VERSION 6.29	C/D	•	•	BSI
C5 II	2004 - 2007	BSI JCAE SW VERSION 7.03	C/D	•	•	BSI
C5 II	2004 - 2007	BSI JCAE SW VERSION 8.46	C/D	•	•	BSI
C5 II	2004 - 2007	BSI JCAE SW VERSION 8.50	C/D	•	•	BSI
C5 II	2004 - 2007	BSI JCAE SW VERSION 8.61	C/D	•	•	BSI
C5 II	2004 - 2007	BSI JCAE SW VERSION 9.08	C/D	•	•	BSI
C5 II	2004 - 2007	BSI JCAE SW VERSION 9.50	C/D	•	•	BSI
C5 II	2004 - 2007	BSI JCAE SW VERSION 9.60	C/D	•	•	BSI
C5 II	2004 - 2007	BSI SIEMENS SW VERSION 5.98	C/D	•	•	BSI
C5 II	2004 - 2007	BSI SIEMENS SW VERSION 6.15	C/D	•	•	BSI
C5 II	2004 - 2007	BSI SIEMENS SW VERSION 7.09	C/D	•	•	BSI
C5 II	2004 - 2007	BSI SIEMENS SW VERSION 7.12	C/D	•	•	BSI
C5 II	2004 - 2007	BSI VALEO VERSION 6.06	C/D	•	•	BSI
C5	2001 - 2004	CHANGEUR_CD	C/D	•	•	CD Player
Xsara Picasso	1999 - 2008	CHANGEUR_CD	C/D	•	•	CD Player
Xsara	2000 - 2004	CHANGEUR_CD	C/D	•	•	CD Player
C5	2008 - 2013	-				Clear All Codes Read By Code Scan
C Zero	2011 - 2013	-				Clear All Codes Read By Code Scan
C Zero	2011 - 2013	-				Code Scan
C5	2008 - 2013	-				Code Scan
C5 II	2004 - 2007	HDC	C/D	•	•	COMM Switch
C8 Restyle	2005 - 2013	HDC	C/D	•	•	COMM Switch
C5	2008 - 2009	HDC	C/D	•	•	COMM Switch
C2	2003 - 2004	COM2000	C/D	•	•	COMM Switch
C2 (->RP Number 10461)	2005 - 2006	COM2000	C/D	•	•	COMM Switch
C3 (New Look)	2005 - 2013	HDC	C/D	•	•	COMM Switch
C3 Pluriel Restyle	2005 - 2013	HDC	C/D	•	•	COMM Switch
Xsara	2000 - 2004	COM2000	C/D	•	•	COMM Switch
Xsara Picasso	1999 - 2008	COM2000	C/D	•	•	COMM Switch
Xsara Picasso	2002 - 2008	PSA ADDGO2	C/D	•	•,P	Diesel Additive
Xsara Picasso	2002 - 2008	PSA ADDITIF FAP	C/D	•	•,P	Diesel Additive
Jumpy 3	2007 - 2013	ADDGO3	C/D	•	•,P	Diesel Additive
Jumpy 3	2007 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
Jumpy 3	2007 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive
DS4	2012 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
DS4	2012 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive

### Other Continued

CITROËN		System	Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years					
C3 Pluriel Restyle	2005 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
C3 Pluriel Restyle	2005 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive
C4	2004 - 2010	ADDG03	C/D	•	•,P	Diesel Additive
C3 Pluriel Restyle	2005 - 2013	ADDG03	C/D	•	•,P	Diesel Additive
C3 Picasso (A58)	2011 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
C3 Picasso (A58)	2011 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive
C3 Picasso	2009 - 2010	ADDG03	C/D	•	•,P	Diesel Additive
C4	2004 - 2010	Pompe mux MGI	C/D	•	•,P	Diesel Additive
C4	2004 - 2010	Pompe mux TI	C/D	•	•,P	Diesel Additive
C3 (New Look)	2005 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
C3 (New Look)	2005 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive
C3 Picasso	2009 - 2010	Pompe mux MGI	C/D	•	•,P	Diesel Additive
C3 Picasso	2009 - 2010	Pompe mux TI	C/D	•	•,P	Diesel Additive
C3 Picasso (A58)	2011 - 2013	ADDG03	C/D	•	•,P	Diesel Additive
C3 (A51)	2010 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
C3 (A51)	2010 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive
C3 (New Look)	2005 - 2013	ADDG03	C/D	•	•,P	Diesel Additive
C3	2002 - 2005	PSA ADDGO2	C/D	•	•,P	Diesel Additive
C3	2002 - 2005	PSA ADDITIF FAP	C/D	•	•,P	Diesel Additive
C3 (A51)	2010 - 2013	ADDG03	C/D	•	•,P	Diesel Additive
C2	2007 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
C2	2007 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive
C2 (->RP Number 10461)	2005 - 2006	PSA ADDGO2	C/D	•	•,P	Diesel Additive
C2 (->RP Number 10461)	2005 - 2006	PSA ADDITIF FAP	C/D	•	•,P	Diesel Additive
C2 (RP Number 10461 ->)	2005 - 2006	ADDG03	C/D	•	•,P	Diesel Additive
C2 (RP Number 10461 ->)	2005 - 2006	Pompe mux MGI	C/D	•	•,P	Diesel Additive
C2 (RP Number 10461 ->)	2005 - 2006	Pompe mux TI	C/D	•	•,P	Diesel Additive
C1	2010 - 2013	ADDG03	C/D	•	•,P	Diesel Additive
C1	2010 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
C1	2010 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive
C2	2007 - 2013	ADDG03	C/D	•	•,P	Diesel Additive
C2	2003 - 2004	PSA ADDGO2	C/D	•	•,P	Diesel Additive
C2	2003 - 2004	PSA ADDITIF FAP	C/D	•	•,P	Diesel Additive
Berlingo (B9)	2008 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
Berlingo (B9)	2008 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive
Berlingo (B9)	2008 - 2013	ADDG03	C/D	•	•,P	Diesel Additive
C5	2001 - 2004	PSA ADDGO2	C/D	•	•,P	Diesel Additive
C5	2001 - 2004	PSA ADDITIF FAP	C/D	•	•,P	Diesel Additive
C4 Picasso	2006 - 2013	ADDG03	C/D	•	•,P	Diesel Additive
C5	2008 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
C5	2008 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive
C8 Restyle	2005 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
C8 Restyle	2005 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive
C8 Restyle	2005 - 2013	ADDG03	C/D	•	•,P	Diesel Additive
C8	2002 - 2005	PSA ADDGO2	C/D	•	•,P	Diesel Additive
C8	2002 - 2005	PSA ADDITIF FAP	C/D	•	•,P	Diesel Additive
C5 II	2004 - 2007	ADDG03	C/D	•	•,P	Diesel Additive
C6	2006 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
C6	2006 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive
C5 II	2004 - 2007	Pompe mux MGI	C/D	•	•,P	Diesel Additive
C5 II	2004 - 2007	Pompe mux TI	C/D	•	•,P	Diesel Additive
C6	2006 - 2013	ADDG03	C/D	•	•,P	Diesel Additive
C5	2008 - 2013	ADDG03	C/D	•	•,P	Diesel Additive

### Other Continued

CITROËN		System	Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years					
C4 Picasso	2006 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
C4 Picasso	2006 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive
Dispatch 3	2007 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
Dispatch 3	2007 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive
DS3	2009 - 2013	ADDG03	C/D	•	•,P	Diesel Additive
DS3	2009 - 2013	Pompe mux MGI	C/D	•	•,P	Diesel Additive
DS3	2009 - 2013	Pompe mux TI	C/D	•	•,P	Diesel Additive
Dispatch 3	2007 - 2013	ADDG03	C/D	•	•,P	Diesel Additive
DS4	2012 - 2013	ADDG03	C/D	•	•,P	Diesel Additive
C Zero	2011 - 2013	MCU	C/D	•	•	Electric Motor
C2	2003 - 2004	DAE	C/D	•	•	Electric Steering
C2 (->RP Number 10461)	2005 - 2006	DAE	C/D	•	•	Electric Steering
C3	2002 - 2005	DAE	C/D	•	•	Electric Steering
C3 Pluriel	2004 - 2005	DAE	C/D	•	•	Electric Steering
DS3	2009 - 2013	DAE	C/D	•	•	Electric Steering
Jumper 3	2007 - 2010	DIRECTN	C/D	•	•	Electric Steering
Jumper 3/Relay 3	2006 - 2006	DIRECTN	C/D	•	•	Electric Steering
Relay 3	2007 - 2008	DIRECTN	C/D	•	•	Electric Steering
Relay 3 (EU4)	2009 - 2013	DIRECTN	C/D	•	•	Electric Steering
Relay 3 (EU5)	2010 - 2013	DIRECTN	C/D	•	•	Electric Steering
C5	2009 - 2013	HDC	C/D	•	•	Fixed Steering Wheel Controls
C4	2004 - 2010	HDC	C/D	•	•	Fixed Steering Wheel Controls
C4 Picasso	2006 - 2013	HDC	C/D	•	•	Fixed Steering Wheel Controls
DS5	2011 - 2013	BML	C/D	•	•	Hands Free Access Control Module
Xsara Picasso	1999 - 2008	NAVIGATION	C/D	•	•	Navigation System
DS5	2011 - 2013	AAS_UDS	C/D	•	•	Parking Aid
Xsara	2000 - 2004	AIDE_STAT	C/D	•	•	Parking Aid
Xsara Picasso	1999 - 2008	AIDE_STAT	C/D	•	•	Parking Aid
DS4	2012 - 2013	AAS_UDS	C/D	•	•	Parking Aid
C8	2002 - 2005	AUTORADIO	C/D	•	•	Radio
C5	2001 - 2004	AUTORADIO	C/D	•	•	Radio
C3 Pluriel	2006 - 2007	AUTORADIO	C/D	•	•	Radio
C2 (->RP Number 10461)	2005 - 2006	AUTORADIO	C/D	•	•	Radio
C3	2002 - 2005	AUTORADIO	C/D	•	•	Radio
C2	2003 - 2004	AUTORADIO	C/D	•	•	Radio
Berlingo	2000 - 2012	AUTORADIO	C/D	•	•	Radio
Xsara Picasso	1999 - 2008	AUTORADIO	C/D	•	•	Radio
Xsara	2000 - 2004	AUTORADIO	C/D	•	•	Radio
DS5	2011 - 2013	RD45	C/D	•	•	Radio
DS5	2011 - 2013	RD5	C/D	•	•	Radio
DS4	2012 - 2013	RD45	C/D	•	•	Radio
DS4	2012 - 2013	RD5	C/D	•	•	Radio
DS5	2011 - 2013	BSI				Service Interval Reset
Jumper 3	2007 - 2010	COMBINE				Service Interval Reset
Jumper 2/Relay 2	2001 - 2006	-				Service Interval Reset
Jumper 3/Relay 3	2006 - 2006	COMBINE				Service Interval Reset
Saxo	1999 - 2001	-				Service Interval Reset

Key: (of) Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, F: Front Body Return, H: Hydraulic or Type Vent Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Other Continued

CITROËN					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
					Base System
Xsara	2001 - 2004	BSI			Service Interval Reset
Relay 3 (EU5)	2010 - 2013	COMBINE			Service Interval Reset
Relay 3 (EU4)	2009 - 2013	COMBINE			Service Interval Reset
Nemo	2008 - 2013	Marelli Instrument Panel (EP) 2			Service Interval Reset
Relay 3	2007 - 2008	COMBINE			Service Interval Reset
Jumpy/Dispatch	2001 - 2001	-			Service Interval Reset
Jumpy 3	2007 - 2013	BSI			Service Interval Reset
Jumpy/Dispatch 2	2002 - 2007	-			Service Interval Reset
Xsara Picasso	2000 - 2008	BSI			Service Interval Reset
Berlingo	2000 - 2006	BSI			Service Interval Reset
Berlingo (B9)	2008 - 2013	BSI			Service Interval Reset
C2	2003 - 2013	BSI			Service Interval Reset
C2	2003 - 2004	-			Service Interval Reset
C3	2002 - 2005	BSI			Service Interval Reset
C2 (RP Number 10461 ->)	2005 - 2006	BSI			Service Interval Reset
C2 (->RP Number 10461)	2005 - 2005	BSI			Service Interval Reset
C4 (B7)	2011 - 2013	BSI			Service Interval Reset
C4 Aircross	2013 - 2013	INSTRUMENT PANEL			Service Interval Reset
C3 Pluriel	2004 - 2007	-			Service Interval Reset
C3 Pluriel	2004 - 2004	BSI			Service Interval Reset
C3 Pluriel Restyle	2005 - 2013	BSI			Service Interval Reset
C4	2004 - 2010	BSI			Service Interval Reset
C3 (A51)	2010 - 2013	BSI			Service Interval Reset
C3 (New Look)	2005 - 2013	BSI			Service Interval Reset
C3 Picasso (A58)	2011 - 2013	BSI			Service Interval Reset
C5	2001 - 2013	BSI			Service Interval Reset
C6	2006 - 2013	BSI			Service Interval Reset
C5 II	2004 - 2007	BSI			Service Interval Reset
C8 Restyle	2005 - 2013	BSI			Service Interval Reset

## Other Continued

CITROËN					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
					Base System
C8	2002 - 2005	BSI			Service Interval Reset
C-Crosser	2007 - 2013	INSTRUMENT PANEL			Service Interval Reset
DS3	2009 - 2013	BSI			Service Interval Reset
Dispatch 3	2007 - 2013	BSI			Service Interval Reset
DS4	2012 - 2013	BSI			Service Interval Reset
C4 Picasso	2006 - 2013	BSI			Service Interval Reset
C-Crosser	2007 - 2013	CAV	C	•S	Steering Wheel Angle Sensor
C4 Aircross	2013 - 2013	CAV	C	•S	Steering Wheel Angle Sensor
C5	2001 - 2004	VALEO NHC C5	C/D	•S	Suspension
Jumpy/Dispatch	2001 - 2001	VALEO NHC C5	C/D	•S	Suspension
Jumpy/Dispatch 2	2002 - 2006	VALEO NHC C5	C/D	•S	Suspension
Xantia	1995 - 2002	HYDRO-ACTIVE	C/D		Suspension
C Zero	2011 - 2013	BMU	C/D	•	Traction Battery
C Zero	2012 - 2013	CMU_01	D		Traction Battery Cell 1
C Zero	2012 - 2013	CMU_10	D		Traction Battery Cell 10
C Zero	2012 - 2013	CMU_11	D		Traction Battery Cell 11
C Zero	2012 - 2013	CMU_12	D		Traction Battery Cell 12
C Zero	2012 - 2013	CMU_02	D		Traction Battery Cell 2
C Zero	2012 - 2013	CMU_03	D		Traction Battery Cell 3
C Zero	2012 - 2013	CMU_04	D		Traction Battery Cell 4
C Zero	2012 - 2013	CMU_05	D		Traction Battery Cell 5
C Zero	2012 - 2013	CMU_06	D		Traction Battery Cell 6
C Zero	2012 - 2013	CMU_07	D		Traction Battery Cell 7
C Zero	2012 - 2013	CMU_08	D		Traction Battery Cell 8
C Zero	2012 - 2013	CMU_09	D		Traction Battery Cell 9
DS5	2011 - 2013	BSR_BSG_2010	C/D		Trailer Fuse Box Module
DS4	2012 - 2013	BSR_BSG_2010	C/D		Trailer Fuse Box Module
Evasion/Synergie	1997 - 2002	ABS 5.3 ESP	D		Wheel Alignment
Jumper 2/Relay 2	2004 - 2004	ABS 5.3 ESP	D		Wheel Alignment
Jumpy 3	2007 - 2013	ESP8.1_BOSCH			Wheel Alignment
Jumpy 3	2007 - 2013	ESP8_BOSCH			Wheel Alignment
Xsara	1997 - 2004	ABS 5.3 ESP	D		Wheel Alignment
Xsara Picasso	1999 - 2008	ABS 5.3 ESP	D		Wheel Alignment
Xsara Picasso	1999 - 2008	ABS 5.7 ESP			Wheel Alignment
Jumpy/Dispatch 2	2002 - 2007	ABS 5.3 ESP	D		Wheel Alignment
Nemo	2008 - 2013	ABS BOSCH 8 ESP			Wheel Alignment

## Other Continued

CITROËN					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
					Base System
Xsara Picasso	1999 - 2008	ESP BOSCH 8			Wheel Alignment
Berlingo	1997 - 2012	ABS 5.3 ESP	D		Wheel Alignment
Berlingo	1997 - 2012	ABS 5.7 ESP	D		Wheel Alignment
Berlingo (B9)	2008 - 2013	ESP8.1_BOSCH			Wheel Alignment
Berlingo (B9)	2008 - 2013	ESP8_BOSCH			Wheel Alignment
C2 (->RP Number 10461)	2005 - 2006	ESP MK60	D		Wheel Alignment
C2 (RP Number 10461 ->)	2005 - 2006	ESP MK60	D		Wheel Alignment
C2 (RP Number 10461 ->)	2005 - 2006	ESP_MK60-O			Wheel Alignment
C3	2002 - 2004	ESP MK60	D		Wheel Alignment
C2	2003 - 2013	ESP MK60	D		Wheel Alignment
C2	2007 - 2013	ESP_MK60-O			Wheel Alignment
C4 Aircross	2013 - 2013	TEVES ESP			Wheel Alignment
C4	2004 - 2010	ESP8.1_BOSCH			Wheel Alignment
C4	2004 - 2010	ESP8_BOSCH			Wheel Alignment
C3 Pluriel Restyle	2005 - 2013	ESP MK60	D		Wheel Alignment
C3 Pluriel Restyle	2005 - 2013	ESP_MK60-O			Wheel Alignment
C3 Pluriel	2004 - 2007	ESP MK60	D		Wheel Alignment
C3 Picasso (A58)	2011 - 2013	ESP_MK60			Wheel Alignment
C3 Picasso	2009 - 2010	ESP_MK60			Wheel Alignment
C3 (New Look)	2006 - 2013	ESP MK60	D		Wheel Alignment
C3 (New Look)	2006 - 2013	ESP_MK60-O			Wheel Alignment
C3 (A51)	2010 - 2013	DAE	C/D		Wheel Alignment
C3 (A51)	2010 - 2013	ESP_MK60			Wheel Alignment
C4 Picasso	2006 - 2013	ESP8.1_BOSCH			Wheel Alignment
C4 Picasso	2006 - 2013	ESP8_BOSCH			Wheel Alignment
C5	2010 - 2013	ESP8.1_BOSCH			Wheel Alignment
C5 II	2004 - 2007	ESP_MK60			Wheel Alignment
C8 Restyle	2005 - 2013	ESP8.1_BOSCH			Wheel Alignment
C8 Restyle	2005 - 2013	ESP8_BOSCH			Wheel Alignment
C8	2002 - 2005	ABS 5.7 ESP	D		Wheel Alignment
C6	2006 - 2013	ESP VSC440			Wheel Alignment
C6	2006 - 2013	ESP8.1_BOSCH			Wheel Alignment
C5	2004 - 2004	ABS 5.3 ESP	D		Wheel Alignment
C5	2001 - 2003	ESP MK60	D		Wheel Alignment
DS3	2009 - 2013	DAE	C/D		Wheel Alignment
DS3	2009 - 2013	ESP_MK60			Wheel Alignment
C-Crosser	2007 - 2013	TEVES ESP			Wheel Alignment
Dispatch 3	2007 - 2013	ESP8.1_BOSCH			Wheel Alignment
Dispatch 3	2007 - 2013	ESP8_BOSCH			Wheel Alignment
C8	2002 - 2005	XENON VALEO LEFT PSA	C/D		Xenon Light Left
C8	2002 - 2005	XENON VALEO RIGHT PSA	C/D		Xenon Light Right

Key for Special Functions: B= Brake Bleed, BS= Brake Service, C= Crash Data, CF= Configuration, E= ECU, F= Flammable, I= Injector Coding, O= Oil reset for DPPE, P= Particulate Filter, R= Relearn, RA= Reset Adaptations, S= Steering Angle Sensor, E= Electric Body Relearn, RA= Relearn of Type Semi Auto, \* = Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

DACIA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Dokker	2012 - 2013	H5F	1.2L Petrol	EMS 31-50	C/D	•	•,EA
Dokker	2012 - 2013	H5F	1.2L Petrol	V42-2A	C/D	•	•,EA
Dokker	2012 - 2013	H5F	1.2L Petrol	V42-2C	C/D	•	•,EA
Dokker	2012 - 2013	H5F	1.2L Petrol	V50-2B	C/D	•	•,EA
Dokker	2012 - 2013	K7M	1.6L Petrol	EMS 31-50	C/D	•	•,EA
Dokker	2012 - 2013	K7M	1.6L Petrol	V42-2A	C/D	•	•,EA
Dokker	2012 - 2013	K7M	1.6L Petrol	V42-2C	C/D	•	•,EA
Dokker	2012 - 2013	K7M	1.6L Petrol	V50-2B	C/D	•	•,EA
Dokker	2012 - 2013	K9K	1.5L Diesel	DCM 1.2	C/D	•	
Dokker	2012 - 2013	K9K	1.5L Diesel	DCM 3.4	C/D	•	•,E,RA
Dokker	2012 - 2013	K9K	1.5L Diesel	EDC 17 C42	C/D	•	•,EA
Dokker	2012 - 2013	K9K	1.5L Diesel	SID 305	C/D	•	•,EA
Dokker	2012 - 2013	K9K	1.5L Diesel	SID 306	C/D	•	•,EA
Dokker Van	2013 - 2013	H5F	1.2L Petrol	EMS 31-50	C/D	•	•,EA
Dokker Van	2013 - 2013	H5F	1.2L Petrol	V42-2A	C/D	•	•,EA
Dokker Van	2013 - 2013	H5F	1.2L Petrol	V42-2C	C/D	•	•,EA
Dokker Van	2013 - 2013	H5F	1.2L Petrol	V50-2B	C/D	•	•,EA
Dokker Van	2013 - 2013	K7M	1.6L Petrol	EMS 31-50	C/D	•	•,EA
Dokker Van	2013 - 2013	K7M	1.6L Petrol	V42-2A	C/D	•	•,EA
Dokker Van	2013 - 2013	K7M	1.6L Petrol	V42-2C	C/D	•	•,EA
Dokker Van	2013 - 2013	K7M	1.6L Petrol	V50-2B	C/D	•	•,EA
Dokker Van	2013 - 2013	K9K	1.5L Diesel	DCM 1.2	C/D	•	
Dokker Van	2013 - 2013	K9K	1.5L Diesel	DCM 3.4	C/D	•	•,E,RA
Dokker Van	2013 - 2013	K9K	1.5L Diesel	EDC 17 C42	C/D	•	•,EA
Dokker Van	2013 - 2013	K9K	1.5L Diesel	SID 305	C/D	•	•,EA
Dokker Van	2013 - 2013	K9K	1.5L Diesel	SID 306	C/D	•	•,EA
Duster	2009 - 2013	K4M	1.6L Petrol	EMS 31 30	C/D	•	
Duster	2009 - 2013	K4M	1.6L Petrol	EMS 31 32	C/D	•	
Duster	2009 - 2013	K4M	1.6L Petrol	EMS 31 34	C/D	•	
Duster	2009 - 2013	K4M	1.6L Petrol	EMS3130	C/D	•	
Duster	2009 - 2013	K4M	1.6L Petrol	SIM 32	C/D	•	
Duster	2009 - 2013	K4M	1.6L Petrol	V42	C/D	•	•,EA
Duster	2009 - 2013	K9K	1.5L Diesel	DCM 1.2	C/D	•	
Duster	2009 - 2013	K9K	1.5L Diesel	DCM 3.4	C/D	•	•,E,RA
Duster	2009 - 2013	K9K	1.5L Diesel	EDC 17 C42	C/D	•	•,EA
Duster	2009 - 2013	K9K	1.5L Diesel	SID 305	C/D	•	•,EA
Duster	2009 - 2013	K9K	1.5L Diesel	SID 306	C/D	•	•,EA
Duster (4WD)	2010 - 2013	K4M	1.6L Petrol	EMS 31 30	C/D	•	
Duster (4WD)	2010 - 2013	K4M	1.6L Petrol	EMS 31 32	C/D	•	
Duster (4WD)	2010 - 2013	K4M	1.6L Petrol	EMS 31 34	C/D	•	
Duster (4WD)	2010 - 2013	K4M	1.6L Petrol	EMS3130	C/D	•	
Duster (4WD)	2010 - 2013	K4M	1.6L Petrol	SIM 32	C/D	•	
Duster (4WD)	2010 - 2013	K4M	1.6L Petrol	V42	C/D	•	•,EA
Duster (4WD)	2010 - 2013	K9K	1.5L Diesel	DCM 1.2	C/D	•	
Duster (4WD)	2010 - 2013	K9K	1.5L Diesel	DCM 3.4	C/D	•	•,E,RA
Duster (4WD)	2010 - 2013	K9K	1.5L Diesel	EDC 17 C42	C/D	•	•,EA
Duster (4WD)	2010 - 2013	K9K	1.5L Diesel	SID 305	C/D	•	•,EA
Duster (4WD)	2010 - 2013	K9K	1.5L Diesel	SID 306	C/D	•	•,EA
Duster (4WD)	2013 - 2013	H5F	1.2L Petrol	EMS 31-50	C/D	•	•,EA
Duster (4WD)	2013 - 2013	H5F	1.2L Petrol	V42-2A	C/D	•	•,EA
Duster (4WD)	2013 - 2013	H5F	1.2L Petrol	V42-2C	C/D	•	•,EA
Duster (4WD)	2013 - 2013	H5F	1.2L Petrol	V50-2B	C/D	•	•,EA
Lodgy	2012 - 2013	H5F	1.2L Petrol	EMS 31-50	C/D	•	•,EA
Lodgy	2012 - 2013	H5F	1.2L Petrol	V42-2A	C/D	•	•,EA
Lodgy	2012 - 2013	H5F	1.2L Petrol	V42-2C	C/D	•	•,EA

DACIA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Lodgy	2012 - 2013	H5F	1.2L Petrol	V50-2B	C/D	•	•,EA
Lodgy	2012 - 2013	K7M	1.6L Petrol	EMS 31-50	C/D	•	•,EA
Lodgy	2012 - 2013	K7M	1.6L Petrol	V42-2A	C/D	•	•,EA
Lodgy	2012 - 2013	K7M	1.6L Petrol	V42-2C	C/D	•	•,EA
Lodgy	2012 - 2013	K7M	1.6L Petrol	V50-2B	C/D	•	•,EA
Lodgy	2012 - 2013	K9K	1.5L Diesel	DCM 1.2	C/D	•	
Lodgy	2012 - 2013	K9K	1.5L Diesel	DCM 3.4	C/D	•	•,E,RA
Lodgy	2012 - 2013	K9K	1.5L Diesel	EDC 17 C42	C/D	•	•,EA
Lodgy	2012 - 2013	K9K	1.5L Diesel	SID 305	C/D	•	•,EA
Lodgy	2012 - 2013	K9K	1.5L Diesel	SID 306	C/D	•	•,EA
Logan	2009 - 2012	D4F	1.2L Petrol	EMS 31 30	C/D	•	
Logan	2009 - 2012	D4F	1.2L Petrol	EMS 31 32	C/D	•	
Logan	2009 - 2012	D4F	1.2L Petrol	EMS 31 34	C/D	•	
Logan	2009 - 2012	D4F	1.2L Petrol	EMS3130	C/D	•	
Logan	2009 - 2012	D4F	1.2L Petrol	SIM 32	C/D	•	
Logan	2009 - 2012	D4F	1.2L Petrol	V42	C/D	•	•,EA
Logan	2009 - 2012	K4M	1.6L Petrol	EMS 31 30	C/D	•	
Logan	2009 - 2012	K4M	1.6L Petrol	EMS 31 32	C/D	•	
Logan	2009 - 2012	K4M	1.6L Petrol	EMS 31 34	C/D	•	
Logan	2009 - 2012	K4M	1.6L Petrol	EMS3130	C/D	•	
Logan	2009 - 2012	K4M	1.6L Petrol	SIM 32	C/D	•	
Logan	2009 - 2012	K4M	1.6L Petrol	V42	C/D	•	•,EA
Logan	2009 - 2012	K7J	1.4 Petrol	EMS 31 30	C/D	•	
Logan	2009 - 2012	K7J	1.4 Petrol	EMS 31 32	C/D	•	
Logan	2009 - 2012	K7J	1.4 Petrol	EMS 31 34	C/D	•	
Logan	2009 - 2012	K7J	1.4 Petrol	EMS3130	C/D	•	
Logan	2009 - 2012	K7J	1.4 Petrol	SIM 32	C/D	•	
Logan	2009 - 2012	K7J	1.4 Petrol	V42	C/D	•	•,EA
Logan	2009 - 2012	K7M	1.6L Petrol	EMS 31 30	C/D	•	
Logan	2009 - 2012	K7M	1.6L Petrol	EMS 31 32	C/D	•	
Logan	2009 - 2012	K7M	1.6L Petrol	EMS 31 34	C/D	•	
Logan	2009 - 2012	K7M	1.6L Petrol	EMS3130	C/D	•	
Logan	2009 - 2012	K7M	1.6L Petrol	SIM 32	C/D	•	
Logan	2009 - 2012	K7M	1.6L Petrol	V42	C/D	•	•,EA
Logan	2009 - 2012	K9K	1.5L Diesel	DCM 1.2	C/D	•	
Logan	2009 - 2012	K9K	1.5L Diesel	DCM 3.4	C/D	•	•,E,RA
Logan	2009 - 2012	K9K	1.5L Diesel	EDC 17 C42	C/D	•	•,EA
Logan	2009 - 2012	K9K	1.5L Diesel	SID 305	C/D	•	•,EA
Logan	2009 - 2012	K9K	1.5L Diesel	SID 306	C/D	•	•,EA
Logan II	2012 - 2013	D4F	1.2L Petrol	EMS 31-50	C/D	•	•,EA
Logan II	2012 - 2013	D4F	1.2L Petrol	V42-2A	C/D	•	•,EA
Logan II	2012 - 2013	D4F	1.2L Petrol	V42-2C	C/D	•	•,EA
Logan II	2012 - 2013	D4F	1.2L Petrol	V50-2B	C/D	•	•,EA
Logan II	2012 - 2013	H4B	0.9L Petrol	EMS 31-50	C/D	•	•,EA
Logan II	2012 - 2013	H4B	0.9L Petrol	V42-2A	C/D	•	•,EA
Logan II	2012 - 2013	H4B	0.9L Petrol	V42-2C	C/D	•	•,EA
Logan II	2012 - 2013	H4B	0.9L Petrol	V50-2B	C/D	•	•,EA
Logan II	2012 - 2013	K7M	1.6L Petrol	EMS 31-50	C/D	•	•,EA
Logan II	2012 - 2013	K7M	1.6L Petrol	V42-2A	C/D	•	•,EA
Logan II	2012 - 2013	K7M	1.6L Petrol	V42-2C	C/D	•	•,EA
Logan II	2012 - 2013	K7M	1.6L Petrol	V50-2B	C/D	•	•,EA
Logan II	2012 - 2013	K9K	1.5L Diesel	DCM 1.2	C/D	•	
Logan II	2012 - 2013	K9K	1.5L Diesel	DCM 3.4	C/D	•	•,E,RA
Logan II	2012 - 2013	K9K	1.5L Diesel	EDC 17 C42	C/D	•	•,EA
Logan II	2012 - 2013	K9K	1.5L Diesel	SID 305	C/D	•	•,EA

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Inertia Body Relearn, Jk- Jumper or Jumper Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

DACIA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Logan II	2012 - 2013	K9K	1.5L Diesel	SID 306	C/D	•	•,EA
Logan II MCV	2013 - 2013	D4F	1.2L Petrol	EMS 31-50	C/D	•	•,EA
Logan II MCV	2013 - 2013	D4F	1.2L Petrol	V42-2A	C/D	•	•
Logan II MCV	2013 - 2013	D4F	1.2L Petrol	V42-2C	C/D	•	•,EA
Logan II MCV	2013 - 2013	D4F	1.2L Petrol	V50-2B	C/D	•	•,EA
Logan II MCV	2013 - 2013	H4B	0.9L Petrol	EMS 31-50	C/D	•	•,EA
Logan II MCV	2013 - 2013	H4B	0.9L Petrol	V42-2A	C/D	•	•,EA
Logan II MCV	2013 - 2013	H4B	0.9L Petrol	V42-2C	C/D	•	•,EA
Logan II MCV	2013 - 2013	H4B	0.9L Petrol	V50-2B	C/D	•	•,EA
Logan II MCV	2013 - 2013	K7M	1.6L Petrol	EMS 31-50	C/D	•	•,EA
Logan II MCV	2013 - 2013	K7M	1.6L Petrol	V42-2A	C/D	•	•,EA
Logan II MCV	2013 - 2013	K7M	1.6L Petrol	V42-2C	C/D	•	•,EA
Logan II MCV	2013 - 2013	K7M	1.6L Petrol	V50-2B	C/D	•	•,EA
Logan II MCV	2013 - 2013	K9K	1.5L Diesel	DCM 1.2	C/D	•	•
Logan II MCV	2013 - 2013	K9K	1.5L Diesel	DCM 3.4	C/D	•	•
Logan II MCV	2013 - 2013	K9K	1.5L Diesel	EDC 17 C42	C/D	•	•,EA
Logan II MCV	2013 - 2013	K9K	1.5L Diesel	SID 305	C/D	•	•,EA
Logan II MCV	2013 - 2013	K9K	1.5L Diesel	SID 306	C/D	•	•,EA
Logan Van/MCV	2009 - 2012	K7M	1.6L Petrol	EMS 31 30	C/D	•	•
Logan Van/MCV	2009 - 2012	K7M	1.6L Petrol	EMS 31 32	C/D	•	•
Logan Van/MCV	2009 - 2012	K7M	1.6L Petrol	EMS 31 34	C/D	•	•
Logan Van/MCV	2009 - 2012	K7M	1.6L Petrol	EMS3130	C/D	•	•
Logan Van/MCV	2009 - 2012	K7M	1.6L Petrol	SIM 32	C/D	•	•
Logan Van/MCV	2009 - 2012	K7M	1.6L Petrol	V42	C/D	•	•,EA
Logan Van/MCV	2009 - 2012	K9K	1.5L Diesel	DCM 1.2	C/D	•	•
Logan Van/MCV	2009 - 2012	K9K	1.5L Diesel	DCM 3.4	C/D	•	•,E,RA
Logan Van/MCV	2009 - 2012	K9K	1.5L Diesel	EDC 17 C42	C/D	•	•,EA
Logan Van/MCV	2009 - 2012	K9K	1.5L Diesel	SID 305	C/D	•	•,EA
Logan Van/MCV	2009 - 2012	K9K	1.5L Diesel	SID 306	C/D	•	•,EA
Sandero	2009 - 2012	D4F	1.2L Petrol	EMS 31 30	C/D	•	•
Sandero	2009 - 2012	D4F	1.2L Petrol	EMS 31 32	C/D	•	•
Sandero	2009 - 2012	D4F	1.2L Petrol	EMS 31 34	C/D	•	•
Sandero	2009 - 2012	D4F	1.2L Petrol	EMS3130	C/D	•	•
Sandero	2009 - 2012	D4F	1.2L Petrol	SIM 32	C/D	•	•
Sandero	2009 - 2012	D4F	1.2L Petrol	V42	C/D	•	•,EA
Sandero	2009 - 2012	K4M	1.6L Petrol	EMS 31 30	C/D	•	•
Sandero	2009 - 2012	K4M	1.6L Petrol	EMS 31 32	C/D	•	•
Sandero	2009 - 2012	K4M	1.6L Petrol	EMS 31 34	C/D	•	•
Sandero	2009 - 2012	K4M	1.6L Petrol	EMS3130	C/D	•	•
Sandero	2009 - 2012	K4M	1.6L Petrol	SIM 32	C/D	•	•
Sandero	2009 - 2012	K4M	1.6L Petrol	V42	C/D	•	•,EA
Sandero	2009 - 2012	K7J	1.4 Petrol	EMS 31 30	C/D	•	•
Sandero	2009 - 2012	K7J	1.4 Petrol	EMS 31 32	C/D	•	•
Sandero	2009 - 2012	K7J	1.4 Petrol	EMS 31 34	C/D	•	•
Sandero	2009 - 2012	K7J	1.4 Petrol	EMS3130	C/D	•	•
Sandero	2009 - 2012	K7J	1.4 Petrol	SIM 32	C/D	•	•
Sandero	2009 - 2012	K7J	1.4 Petrol	V42	C/D	•	•,EA
Sandero	2009 - 2012	K7M	1.6L Petrol	EMS 31 30	C/D	•	•
Sandero	2009 - 2012	K7M	1.6L Petrol	EMS 31 32	C/D	•	•
Sandero	2009 - 2012	K7M	1.6L Petrol	EMS 31 34	C/D	•	•
Sandero	2009 - 2012	K7M	1.6L Petrol	EMS3130	C/D	•	•
Sandero	2009 - 2012	K7M	1.6L Petrol	SIM 32	C/D	•	•
Sandero	2009 - 2012	K7M	1.6L Petrol	V42	C/D	•	•,EA
Sandero	2009 - 2012	K9K	1.5L Diesel	DCM 1.2	C/D	•	•
Sandero	2009 - 2012	K9K	1.5L Diesel	DCM 3.4	C/D	•	•,E,RA
Sandero	2009 - 2012	K9K	1.5L Diesel	EDC 17 C42	C/D	•	•,EA

DACIA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Sandero	2009 - 2012	K9K	1.5L Diesel	SID 305	C/D	•	•,EA
Sandero	2009 - 2012	K9K	1.5L Diesel	SID 306	C/D	•	•,EA
Sandero II	2012 - 2013	D4F	1.2L Petrol	EMS 31-50	C/D	•	•,EA
Sandero II	2012 - 2013	D4F	1.2L Petrol	V42-2A	C/D	•	•,EA
Sandero II	2012 - 2013	D4F	1.2L Petrol	V42-2C	C/D	•	•,EA
Sandero II	2012 - 2013	D4F	1.2L Petrol	V50-2B	C/D	•	•,EA
Sandero II	2012 - 2013	H4B	0.9L Petrol	EMS 31-50	C/D	•	•,EA
Sandero II	2012 - 2013	H4B	0.9L Petrol	V42-2A	C/D	•	•,EA
Sandero II	2012 - 2013	H4B	0.9L Petrol	V42-2C	C/D	•	•,EA
Sandero II	2012 - 2013	H4B	0.9L Petrol	V50-2B	C/D	•	•,EA
Sandero II	2012 - 2013	H4B	0.9L Petrol	EMS 31-50	C/D	•	•,EA
Sandero II	2012 - 2013	K7M	1.6L Petrol	EMS 31-50	C/D	•	•,EA
Sandero II	2012 - 2013	K7M	1.6L Petrol	V42-2A	C/D	•	•,EA
Sandero II	2012 - 2013	K7M	1.6L Petrol	V42-2C	C/D	•	•,EA
Sandero II	2012 - 2013	K7M	1.6L Petrol	V50-2B	C/D	•	•,EA
Sandero II	2012 - 2013	K9K	1.5L Diesel	DCM 1.2	C/D	•	•
Sandero II	2012 - 2013	K9K	1.5L Diesel	DCM 3.4	C/D	•	•,E,RA
Sandero II	2012 - 2013	K9K	1.5L Diesel	EDC 17 C42	C/D	•	•,EA
Sandero II	2012 - 2013	K9K	1.5L Diesel	SID 305	C/D	•	•,EA
Sandero II	2012 - 2013	K9K	1.5L Diesel	SID 306	C/D	•	•,EA
Sandero Stepway	2009 - 2012	K4M	1.6L Petrol	EMS 31 30	C/D	•	•
Sandero Stepway	2009 - 2012	K4M	1.6L Petrol	EMS 31 32	C/D	•	•
Sandero Stepway	2009 - 2012	K4M	1.6L Petrol	EMS 31 34	C/D	•	•
Sandero Stepway	2009 - 2012	K4M	1.6L Petrol	EMS3130	C/D	•	•
Sandero Stepway	2009 - 2012	K4M	1.6L Petrol	SIM 32	C/D	•	•
Sandero Stepway	2009 - 2012	K4M	1.6L Petrol	V42	C/D	•	•,EA
Sandero Stepway	2009 - 2012	K7M	1.6L Petrol	EMS 31 30	C/D	•	•
Sandero Stepway	2009 - 2012	K7M	1.6L Petrol	EMS 31 32	C/D	•	•
Sandero Stepway	2009 - 2012	K7M	1.6L Petrol	EMS 31 34	C/D	•	•
Sandero Stepway	2009 - 2012	K7M	1.6L Petrol	EMS3130	C/D	•	•
Sandero Stepway	2009 - 2012	K7M	1.6L Petrol	SIM 32	C/D	•	•
Sandero Stepway	2009 - 2012	K7M	1.6L Petrol	V42	C/D	•	•,EA
Sandero Stepway	2009 - 2012	K9K	1.5L Diesel	DCM 1.2	C/D	•	•
Sandero Stepway	2009 - 2012	K9K	1.5L Diesel	DCM 3.4	C/D	•	•,E,RA
Sandero Stepway	2009 - 2012	K9K	1.5L Diesel	EDC 17 C42	C/D	•	•,EA
Sandero Stepway	2009 - 2012	K9K	1.5L Diesel	SID 305	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	D4F	1.2L Petrol	EMS 31-50	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	D4F	1.2L Petrol	V42-2A	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	D4F	1.2L Petrol	V42-2C	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	D4F	1.2L Petrol	V50-2B	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	H4B	0.9L Petrol	EMS 31-50	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	H4B	0.9L Petrol	V42-2A	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	H4B	0.9L Petrol	V42-2C	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	H4B	0.9L Petrol	V50-2B	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	K7M	1.6L Petrol	EMS 31-50	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	K7M	1.6L Petrol	V42-2A	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	K7M	1.6L Petrol	V42-2C	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	K7M	1.6L Petrol	V50-2B	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	K9K	1.5L Diesel	DCM 1.2	C/D	•	•
Sandero Stepway II	2012 - 2013	K9K	1.5L Diesel	DCM 3.4	C/D	•	•,E,RA
Sandero Stepway II	2012 - 2013	K9K	1.5L Diesel	EDC 17 C42	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	K9K	1.5L Diesel	SID 305	C/D	•	•,EA
Sandero Stepway II	2012 - 2013	K9K	1.5L Diesel	SID 306	C/D	•	•,EA

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, A- Type of Air, \*- Other (see table on page 26) Data grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



## Airbag

DACIA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Dokker	2012 - 2013	AMR-30	C/D	•	•
Dokker	2012 - 2013	AMR-70	C/D	•	•
Dokker Van	2013 - 2013	AMR-30	C/D	•	•
Dokker Van	2013 - 2013	AMR-70	C/D	•	•
Duster	2009 - 2013	AMR-00	C/D		
Duster	2009 - 2013	Autoliv-03	C/D		
Duster	2009 - 2013	Autoliv-04	C/D		
Duster	2009 - 2013	Computer To Be Replaced	C/D		
Duster (4WD)	2010 - 2013	AMR-00	C/D		
Duster (4WD)	2010 - 2013	Autoliv-03	C/D		
Duster (4WD)	2010 - 2013	Autoliv-04	C/D		
Duster (4WD)	2010 - 2013	Computer To Be Replaced	C/D		
Lodgy	2012 - 2013	AMR-30	C/D	•	•
Lodgy	2012 - 2013	AMR-70	C/D	•	•
Logan	2004 - 2012	AMR-00	C/D		•
Logan	2004 - 2012	Autoliv-03	C/D		
Logan	2004 - 2012	Autoliv-04	C/D		
Logan	2004 - 2012	Computer To Be Replaced	C/D		
Logan	2004 - 2012	Temic-06	C		
Logan II	2012 - 2013	AMR-30	C/D	•	•
Logan II	2012 - 2013	AMR-70	C/D	•	•
Logan II MCV	2013 - 2013	AMR-30	C/D	•	•
Logan II MCV	2013 - 2013	AMR-70	C/D	•	•
Logan Van / MCV	2009 - 2012	AMR-00	C/D		
Logan Van / MCV	2009 - 2012	AMR-00	C/D		•
Logan Van / MCV	2009 - 2012	Autoliv-03	C/D		
Logan Van / MCV	2009 - 2012	Autoliv-04	C/D		
Logan Van / MCV	2009 - 2012	Computer To Be Replaced	C/D		
Logan Van / MCV	2009 - 2012	Temic-06	C		
Sandero	2007 - 2012	AMR-00	C/D		•
Sandero	2007 - 2012	Autoliv-03	C/D		
Sandero	2007 - 2012	Autoliv-04	C/D		
Sandero	2007 - 2012	Computer To Be Replaced	C/D		
Sandero	2007 - 2012	Temic-06	C		
Sandero II	2012 - 2013	AMR-30	C/D	•	•
Sandero II	2012 - 2013	AMR-70	C/D	•	•
Sandero Stepway	2009 - 2012	AMR-00	C/D		•
Sandero Stepway	2009 - 2012	Autoliv-03	C/D		
Sandero Stepway	2009 - 2012	Autoliv-04	C/D		
Sandero Stepway	2009 - 2012	Computer To Be Replaced	C/D		
Sandero Stepway	2009 - 2012	Temic-06	C		
Sandero Stepway II	2012 - 2013	AMR-30	C/D	•	•
Sandero Stepway II	2012 - 2013	AMR-70	C/D	•	•

## Antilock Brakes

DACIA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Dokker	2012 - 2013	Bosch-60 (ESP)	C/D	•	
Dokker	2012 - 2013	Bosch-61	C/D	•	
Dokker Van	2013 - 2013	Bosch-60 (ESP)	C/D	•	
Dokker Van	2013 - 2013	Bosch-61	C/D	•	
Duster	2009 - 2013	Bosch 8.1	C/D	•	
Duster	2009 - 2013	Bosch 8.1 ESP	C/D		
Duster (4WD)	2010 - 2013	Bosch 8.1	C/D	•	
Duster (4WD)	2010 - 2013	Bosch 8.1 ESP	C/D		
Lodgy	2012 - 2013	Bosch-60 (ESP)	C/D	•	
Lodgy	2012 - 2013	Bosch-61	C/D	•	
Logan	2004 - 2012	REN ABS (02)	C/D		
Logan	2004 - 2012	REN ABS (04)	C		
Logan	2004 - 2012	REN ABS (05)	C/D		
Logan	2004 - 2012	REN ABS (06)	C/D		
Logan	2004 - 2012	REN ABS (08)	C		
Logan	2004 - 2012	REN ABS (0C)	C		
Logan	2004 - 2012	REN ABS (11)	C/D		
Logan	2004 - 2012	REN ABS (13)	C/D		
Logan	2004 - 2012	REN ABS (14)	C/D		
Logan	2004 - 2012	REN ABS (1C)	C/D		
Logan	2004 - 2012	REN ABS (45)	C/D		
Logan	2004 - 2012	REN ABS (4D)	C/D		
Logan	2004 - 2012	REN ABS (6F)	C/D		
Logan	2004 - 2012	REN ABS (Vdiag 18)	C/D		
Logan	2004 - 2012	REN ABS 02	C		
Logan	2004 - 2012	REN ABS BOSCH 2E	C		
Logan	2004 - 2012	REN ABS BOSCH 5.3 (I)	C/D		
Logan	2004 - 2012	REN ABS BOSCH 5.3 (II)	C/D		
Logan	2004 - 2012	REN ABS TEVES (06)	C/D	•	
Logan	2004 - 2012	REN ABS TEVES MK20I (01)	C/D	•	
Logan	2004 - 2012	REN ABS TEVES MK20I (02)	C/D	•	
Logan	2004 - 2012	REN ABS TEVES MK20I (03)	C/D	•	
Logan	2004 - 2012	REN ABS TEVES MK20I (04)	C/D	•	
Logan	2004 - 2012	REN ABS TEVES N31	C/D	•	
Logan	2004 - 2012	REN ABS/ESP TEVES MK60	C/D		
Logan	2004 - 2012	REN ISO ABS DEFAULT	C		
Logan	2009 - 2012	Bosch 8.1	C/D	•	
Logan	2009 - 2012	Bosch 8.1 ESP	C/D		
Logan II	2012 - 2013	Bosch-60 (ESP)	C/D	•	
Logan II	2012 - 2013	Bosch-61	C/D	•	
Logan II MCV	2013 - 2013	Bosch-60 (ESP)	C/D	•	
Logan II MCV	2013 - 2013	Bosch-61	C/D	•	
Logan Van / MCV	2009 - 2012	Bosch 8.1	C/D	•	
Logan Van / MCV	2009 - 2012	Bosch 8.1 ESP	C/D		
Logan Van / MCV	2009 - 2012	REN ABS (02)	C/D		
Logan Van / MCV	2009 - 2012	REN ABS (04)	C		
Logan Van / MCV	2009 - 2012	REN ABS (05)	C/D		
Logan Van / MCV	2009 - 2012	REN ABS (06)	C/D		
Logan Van / MCV	2009 - 2012	REN ABS (08)	C		
Logan Van / MCV	2009 - 2012	REN ABS (0C)	C		
Logan Van / MCV	2009 - 2012	REN ABS (11)	C/D		
Logan Van / MCV	2009 - 2012	REN ABS (13)	C/D		
Logan Van / MCV	2009 - 2012	REN ABS (14)	C/D		

## Antilock Brakes Continued

DACIA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Logan Van / MCV	2009 - 2012	REN ABS (1C)	C/D		
Logan Van / MCV	2009 - 2012	REN ABS (45)	C/D		
Logan Van / MCV	2009 - 2012	REN ABS (4D)	C/D		
Logan Van / MCV	2009 - 2012	REN ABS (6F)	C/D		
Logan Van / MCV	2009 - 2012	REN ABS (Vdiag 18)	C/D		
Logan Van / MCV	2009 - 2012	REN ABS 02	C		
Logan Van / MCV	2009 - 2012	REN ABS BOSCH 2E	C		
Logan Van / MCV	2009 - 2012	REN ABS BOSCH 5.3 (I)	C/D		
Logan Van / MCV	2009 - 2012	REN ABS BOSCH 5.3 (II)	C/D		
Logan Van / MCV	2009 - 2012	REN ABS TEVES (06)	C/D	•	
Logan Van / MCV	2009 - 2012	REN ABS TEVES MK20I (01)	C/D	•	
Logan Van / MCV	2009 - 2012	REN ABS TEVES MK20I (02)	C/D	•	
Logan Van / MCV	2009 - 2012	REN ABS TEVES MK20I (03)	C/D	•	
Logan Van / MCV	2009 - 2012	REN ABS TEVES MK20I (04)	C/D	•	
Logan Van / MCV	2009 - 2012	REN ABS TEVES N31	C/D	•	
Logan Van / MCV	2009 - 2012	REN ABS/ESP TEVES MK60	C/D		
Logan Van / MCV	2009 - 2012	REN ISO ABS DEFAULT	C		
Sandero	2007 - 2012	REN ABS (02)	C/D		
Sandero	2007 - 2012	REN ABS (04)	C		
Sandero	2007 - 2012	REN ABS (05)	C/D		
Sandero	2007 - 2012	REN ABS (06)	C/D		
Sandero	2007 - 2012	REN ABS (08)	C		
Sandero	2007 - 2012	REN ABS (0C)	C		
Sandero	2007 - 2012	REN ABS (11)	C/D		
Sandero	2007 - 2012	REN ABS (13)	C/D		
Sandero	2007 - 2012	REN ABS (14)	C/D		
Sandero	2007 - 2012	REN ABS (1C)	C/D		
Sandero	2007 - 2012	REN ABS (45)	C/D		
Sandero	2007 - 2012	REN ABS (4D)	C/D		
Sandero	2007 - 2012	REN ABS (6F)	C/D		
Sandero	2007 - 2012	REN ABS (Vdiag 18)	C/D		
Sandero	2007 - 2012	REN ABS 02	C		
Sandero	2007 - 2012	REN ABS BOSCH 2E	C		
Sandero	2007 - 2012	REN ABS BOSCH 5.3 (I)	C/D		
Sandero	2007 - 2012	REN ABS BOSCH 5.3 (II)	C/D		
Sandero	2007 - 2012	REN ABS TEVES (06)	C/D	•	
Sandero	2007 - 2012	REN ABS TEVES MK20I (01)	C/D	•	
Sandero	2007 - 2012	REN ABS TEVES MK20I (02)	C/D	•	
Sandero	2007 - 2012	REN ABS TEVES MK20I (03)	C/D	•	
Sandero	2007 - 2012	REN ABS TEVES MK20I (04)	C/D	•	
Sandero	2007 - 2012	REN ABS TEVES N31	C/D	•	
Sandero	2007 - 2012	REN ABS/ESP TEVES MK60	C/D		
Sandero	2007 - 2012	REN ISO ABS DEFAULT	C		
Sandero II	2012 - 2013	Bosch-60 (ESP)	C/D	•	
Sandero II	2012 - 2013	Bosch-61	C/D	•	
Sandero Stepway	2009 - 2012	REN ABS (02)	C/D		
Sandero Stepway	2009 - 2012	REN ABS (04)	C		
Sandero Stepway	2009 - 2012	REN ABS (05)	C/D		
Sandero Stepway	2009 - 2012	REN ABS (06)	C/D		
Sandero Stepway	2009 - 2012	REN ABS (08)	C		
Sandero Stepway	2009 - 2012	REN ABS (08)	C		
Sandero Stepway	2009 - 2012	REN ABS (0C)	C		
Sandero Stepway	2009 - 2012	REN ABS (11)	C/D		
Sandero Stepway	2009 - 2012	REN ABS (13)	C/D		
Sandero Stepway	2009 - 2012	REN ABS (13)	C/D		

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Relearn, JA- Jumper or Type Sens Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Antilock Brakes Continued

DACIA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Sandero Stepway	2009 - 2012	REN ABS (14)	C/D		
Sandero Stepway	2009 - 2012	REN ABS (1C)	C/D		
Sandero Stepway	2009 - 2012	REN ABS (45)	C/D		
Sandero Stepway	2009 - 2012	REN ABS (4D)	C/D		
Sandero Stepway	2009 - 2012	REN ABS (6F)	C/D		
Sandero Stepway	2009 - 2012	REN ABS (Vdiag 18)	C/D		
Sandero Stepway	2009 - 2012	REN ABS 02	C		
Sandero Stepway	2009 - 2012	REN ABS BOSCH 2E	C		
Sandero Stepway	2009 - 2012	REN ABS BOSCH 5.3 (I)	C/D		
Sandero Stepway	2009 - 2012	REN ABS BOSCH 5.3 (II)	C/D		
Sandero Stepway	2009 - 2012	REN ABS TEVES (06)	C/D	•	
Sandero Stepway	2009 - 2012	REN ABS TEVES MK20I (01)	C/D	•	
Sandero Stepway	2009 - 2012	REN ABS TEVES MK20I (02)	C/D	•	
Sandero Stepway	2009 - 2012	REN ABS TEVES MK20I (03)	C/D	•	
Sandero Stepway	2009 - 2012	REN ABS TEVES MK20I (04)	C/D	•	
Sandero Stepway	2009 - 2012	REN ABS TEVES N31	C/D	•	
Sandero Stepway	2009 - 2012	REN ABS/ESP TEVES MK60	C/D		
Sandero Stepway	2009 - 2012	REN ISO ABS DEFAULT			
Sandero Stepway II	2012 - 2013	Bosch-60 (ESP)	C/D	•	
Sandero Stepway II	2012 - 2013	Bosch-61	C/D	•	

## Other

DACIA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Duster (4WD)	2010 - 2013	D4-31	C/D		Four Wheel Drive
Duster (4WD)	2010 - 2013	D4-33	C/D		Four Wheel Drive
Duster	2013 - 2013	D4-31	C/D		Four Wheel Drive
Duster	2013 - 2013	D4-33	C/D		Four Wheel Drive
Duster	2009 - 2013	PAS-50	C/D		Power Steering
Sandero Stepway II	2012 - 2013	PAS-A0	C/D		Power Steering
Sandero II	2012 - 2013	PAS-A0	C/D		Power Steering
Logan II	2012 - 2013	PAS-A0	C/D		Power Steering
Logan II MCV	2013 - 2013	PAS-A0	C/D		Power Steering
Duster (4WD)	2010 - 2013	PAS-50	C/D		Power Steering
Lodgy	2012 - 2013	PAS-A0	C/D		Power Steering
Dokker	2012 - 2013	PAS-A0	C/D		Power Steering
Dokker Van	2013 - 2013	PAS-A0	C/D		Power Steering
Duster	2009 - 2013	-			Service Interval Reset
Dokker	2012 - 2013	-			Service Interval Reset
Dokker Van	2013 - 2013	-			Service Interval Reset
Logan	2009 - 2012	-			Service Interval Reset
Logan II	2012 - 2013	-			Service Interval Reset
Lodgy	2012 - 2013	-			Service Interval Reset
Logan Van/MCV	2009 - 2012	-			Service Interval Reset
Sandero	2009 - 2012	-			Service Interval Reset
Sandero II	2012 - 2013	-			Service Interval Reset
Logan II MCV	2013 - 2013	-			Service Interval Reset
Sandero Stepway	2009 - 2012	-			Service Interval Reset
Sandero Stepway II	2012 - 2013	-			Service Interval Reset
Duster (4WD)	2010 - 2013	-			Service Interval Reset
Sandero Stepway II	2012 - 2013	Bosch-60 (ESP)	C/D	•,S	Wheel Alignment
Sandero Stepway II	2012 - 2013	Bosch-61	C/D	•,S	Wheel Alignment
Logan II MCV	2013 - 2013	Bosch-60 (ESP)	C/D	•,S	Wheel Alignment
Logan II MCV	2013 - 2013	Bosch-61	C/D	•,S	Wheel Alignment
Sandero II	2012 - 2013	Bosch-60 (ESP)	C/D	•,S	Wheel Alignment
Sandero II	2012 - 2013	Bosch-61	C/D	•,S	Wheel Alignment
Lodgy	2012 - 2013	Bosch-60 (ESP)	C/D	•,S	Wheel Alignment
Lodgy	2012 - 2013	Bosch-61	C/D	•,S	Wheel Alignment
Logan II	2012 - 2013	Bosch-60 (ESP)	C/D	•,S	Wheel Alignment
Logan II	2012 - 2013	Bosch-61	C/D	•,S	Wheel Alignment
Dokker Van	2013 - 2013	Bosch-60 (ESP)	C/D	•,S	Wheel Alignment
Dokker Van	2013 - 2013	Bosch-61	C/D	•,S	Wheel Alignment
Dokker	2012 - 2013	Bosch-60 (ESP)	C/D	•,S	Wheel Alignment
Dokker	2012 - 2013	Bosch-61	C/D	•,S	Wheel Alignment

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- EGR, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Relearn, JA- Jumper Auto or Type Sens Auto, \*- Other (see table on page 26). Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

FIAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
131	1995 - 1997		1.6L CPI IAW	IAW 16F	C/D	•	
131	1995 - 1997		1.6L CPI IAW	IAW 16F KEYCODE	C/D	•	
131	1995 - 1997		1.6L CPI IAW	IAW 6F	C/D	•	
500	2007 - 2013	169.A1.000	1.3L JTD	MARELLI 6F3	C/D	•	•,I,P
500	2007 - 2013	169.A3.000	1.4L 16V MPI	ME 7.9.10 CF4	C/D	•	RA
500	2007 - 2013	169.A4.000	1.2L MPI	IAW 55F8 CF4 EOBD	C/D	•	RA
500	2007 - 2013	169.A4.000	1.2L MPI	IAW 55F9 CF4 EOBD	C/D	•	RA
500	2007 - 2013	312.A2.000	0.9L Turbo Twin Air	IAW 8GSF CF5/EOBD	C/D	•	
500	2010 - 2013	169.A1.000	1.3L JTD	Marelli 8DF CF5/EOBD	C/D	•	
500	2010 - 2013	312.A3.000	1.4L 16V TJET	ME 7.9.10 CF4	C/D	•	RA
500	2013 - 2013	312.A2.000	0.9L Turbo Twin Air	IAW 8GSW CF6	C/D	•	
500L	2012 - 2013	199.B4.000	1.3L 16V JTD	Marelli 8F3	C/D	•	
500L	2012 - 2013	199.B5.000	1.6L JTD	EDC17C49 CF5/EOBD	C/D	•	•
500L	2012 - 2013	199.B6.000	0.9L Turbo Twin Air	IAW 8GSF CF5/EOBD	C/D	•	
500L	2012 - 2013	843.A1.000	1.4L 16V MPI	ME17.3.0	C/D	•	
Barchetta	1995 - 1999	183.A1.000	1.8L 16V MPI	HITACHI MPI 130HP	C/D	•	
Barchetta	1998 - 2005	183.A1.000	1.8L 16V MPI	HITACHI KW2000 130HP	C/D	•	
Barchetta	2000 - 2005	183.A1.000	1.8L 16V MPI	HITACHI EOBD 130HP	C/D	•	
Barchetta	2000 - 2005	188.A6.000	1.8L 16V MPI	HITACHI EOBD 130HP	C/D	•	
Brava/Bravo	1995 - 1998	182.A6.000	1.6L 16V MPI	IAW 1AF	C/D	•	
Brava/Bravo	1995 - 1999	160.A7.000	1.9L Diesel	NOTHING			
Brava/Bravo	1995 - 1999	182.A4.000	1.6L 16V MPI	IAW 1AF	C/D	•	
Brava/Bravo	1995 - 1999	182.A4.027	1.6L 16V MPI	IAW 1AF	C/D	•	
Brava/Bravo	1995 - 2000	182.A2.000	1.8L 16V MPI	HITACHI MPI 115HP	C/D	•	
Brava/Bravo	1995 - 2000	182.A3.000	1.4L 12V CPI	MA1.7.3	C/D	•	
Brava/Bravo	1995 - 2000	182.A5.000	1.4L 12V CPI	MA1.7.3	C/D	•	
Brava/Bravo	1995 - 2000	182.A7.000	1.9L TD	100HP LUCAS DPNC	C/D	•	
Brava/Bravo	1995 - 2000	182.A8.000	1.9L TD	EGR BITRON 1xx	C/D	•	
Brava/Bravo	1995 - 2000	182.A8.000	1.9L TD	EGR MCR 1xx	C/D	•	
Brava/Bravo	1995 - 2001	182.A1.000	2.0L 20V MPI	M2.10.4	C/D	•	
Brava/Bravo	1995 - 2001	182.A1.000	2.0L 20V MPI	ME3.1	C/D	•	
Brava/Bravo	1995 - 2001	182.A1.000	2.0L 20V MPI	ME3.1 SLOW	C/D	•	
Brava/Bravo	1995 - 2001	182.B3.000	2.0L 20V MPI	M2.10.4	C/D	•	
Brava/Bravo	1995 - 2001	182.B3.000	2.0L 20V MPI	ME3.1	C/D	•	
Brava/Bravo	1995 - 2001	182.B3.000	2.0L 20V MPI	ME3.1 SLOW	C/D	•	
Brava/Bravo	1995 - 2001	182.B7.000	2.0L 20V MPI	M2.10.4	C/D	•	
Brava/Bravo	1995 - 2001	182.B7.000	2.0L 20V MPI	ME3.1	C/D	•	
Brava/Bravo	1995 - 2001	182.B7.000	2.0L 20V MPI	ME3.1 SLOW	C/D	•	
Brava/Bravo	1997 - 1998	182.A6.000	1.6L 16V MPI	DOUBLE CONLOC MSG (DUMMY GRP)	C/D	•	
Brava/Bravo	1997 - 1999	182.A4.000	1.6L 16V MPI	DOUBLE CONLOC MSG (DUMMY GRP)	C/D	•	
Brava/Bravo	1997 - 1999	182.A4.027	1.6L 16V MPI	DOUBLE CONLOC MSG (DUMMY GRP)	C/D	•	
Brava/Bravo	1997 - 2001	182.A4.000	1.6L 16V MPI	IAW 49F	C/D	•	
Brava/Bravo	1997 - 2001	182.A4.027	1.6L 16V MPI	IAW 49F	C/D	•	
Brava/Bravo	1997 - 2001	182.A6.000	1.6L 16V MPI	IAW 49F	C/D	•	
Brava/Bravo	1997 - 2001	182.B4.000	1.9L TD	EDC15 CF2	C/D	•	
Brava/Bravo	1998 - 2001	182.B2.000	1.2L 16V MPI	M1.5.5	C/D	•	RA
Brava/Bravo	1998 - 2002	182.A2.000	1.8L 16V MPI	HITACHI KW2000 115HP	C/D	•	
Brava/Bravo	2000 - 2002	182.A2.000	1.8L 16V MPI	HITACHI EOBD 115HP	C/D	•	
Brava/Bravo	2000 - 2002	182.B6.000	1.6L 16V MPI	IAW 4AF EOBD	C/D	•	RA
Brava/Bravo	2000 - 2002	182.B6.000	1.6L 16V MPI	IAW 4EF EOBD	C/D	•	RA
Brava/Bravo	2000 - 2002	182.B6.000	1.6L 16V MPI	IAW 59F EOBD	C/D	•	RA
Brava/Bravo	2000 - 2002	182.B6.000	1.6L 16V MPI	IAW 5AF EOBD	C/D	•	RA
Brava/Bravo	2000 - 2002	182.B9.000	1.9L TD	EDC15 CF3	C/D	•	
Brava/Bravo	2000 - 2002	182.B9.000	1.9L TD	EDC15 CF3 SLOW	C/D	•	
Brava/Bravo	2000 - 2002	188.A5.000	1.2L 16V MPI	ME7.3 EOBD	C/D	•	RA

FIAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Brava/Bravo	2000 - 2002	188.A5.000	1.2L 16V MPI	ME7.3 EOBD SLOW	C/D	•	RA
Bravo	2007 - 2013	192.A8.000	1.9L JTD	EDC16C39 CF4	C/D	•	•,I,P,R
Bravo	2007 - 2013	192.B2.000	1.4L 16V MPI	ME7.3H4M EOBD BELGIUM	C/D	•	RA
Bravo	2007 - 2013	198.A1.000	1.4L 16V TJET MPI	ME7.9.10 CF4 EOBD	C/D	•	RA
Bravo	2007 - 2013	198.A2.000	1.6L MJET TD	EDC16C39 CF5/EOBD	C/D	•	•,I,P
Bravo	2007 - 2013	198.A3.000	1.6L MJET TD	EDC16C39 CF5/EOBD	C/D	•	•,I,P
Bravo	2007 - 2013	198.A4.000	1.4L 16V TJET MPI	ME7.9.10 CF4 EOBD	C/D	•	RA
Bravo	2007 - 2013	198.A5.000	2.0L 16V TD	EDC16C39 CF4	C/D	•	•,I,P,R
Bravo	2007 - 2013	198.A6.000	1.6L MJET TD	EDC16C39 CF5/EOBD	C/D	•	•,I,P
Bravo	2007 - 2013	937.A5.000	1.9L 16V TD	EDC16C39 CF4	C/D	•	•,I,P,R
Cinquecento	1995 - 1998	1170A1.000	0.9L Carbureted	WEBER 30DGF			
Cinquecento	1995 - 1998	1170A1.046	0.9L CPI	IAW 16F	C/D	•	
Cinquecento	1995 - 1998	1170A1.046	0.9L CPI	IAW 16F KEYLOCK	C/D	•	
Cinquecento	1995 - 1998	1170A1.046	0.9L CPI	IAW 6F	C/D	•	
Cinquecento	1995 - 1998	1170A1.046	0.9L CPI	IAW 6F ENHANCED	C/D	•	
Cinquecento	1995 - 1998	170.A.000	0.7L Carbureted	WEBER 30DGF			
Cinquecento	1995 - 1998	170.A.046	0.7L Carbureted	WEBER 30DGF			
Cinquecento	1995 - 1998	170.A1.000	0.9L Carbureted	WEBER 30DGF			
Cinquecento	1995 - 1998	170.A1.046	0.9L CPI	IAW 16F	C/D	•	
Cinquecento	1995 - 1998	170.A1.046	0.9L CPI	IAW 16F KEYLOCK	C/D	•	
Cinquecento	1995 - 1998	170.A1.046	0.9L CPI	IAW 6F	C/D	•	
Cinquecento	1995 - 1998	170.A1.046	0.9L CPI	IAW 6F ENHANCED	C/D	•	
Cinquecento	1995 - 1998	171.A.000	0.7L Carbureted	WEBER 30DGF			
Cinquecento	1995 - 1998	171.A.046	0.7L Carbureted	WEBER 30DGF			
Cinquecento	1995 - 1998	176.B2.000	1.1L CPI	IAW 16F	C/D	•	
Cinquecento	1995 - 1998	176.B2.000	1.1L CPI	IAW 16F KEYLOCK	C/D	•	
Cinquecento	1995 - 1998	176.B2.000	1.1L CPI	IAW 6F	C/D	•	
Cinquecento	1995 - 1998	176.B2.000	1.1L CPI	IAW 6F ENHANCED	C/D	•	
Coupe	1996 - 1999	183.A1.000	1.8L 16V MPI	HITACHI MPI 130HP	C/D	•	
Coupe	1996 - 2000	182.A1.000	2.0L 20V MPI	M2.10.4	C/D	•	
Coupe	1996 - 2000	182.A1.000	2.0L 20V MPI	ME3.1	C/D	•	
Coupe	1996 - 2000	182.A1.000	2.0L 20V MPI	ME3.1 SLOW	C/D	•	
Coupe	1996 - 2001	175.A3.000	2.0L 20V Turbo	M2.10.4	C/D	•	
Coupe	1996 - 2001	182.B3.000	2.0L 20V MPI	M2.10.4	C/D	•	
Coupe	1996 - 2001	182.B3.000	2.0L 20V MPI	ME3.1	C/D	•	
Coupe	1996 - 2001	182.B3.000	2.0L 20V MPI	ME3.1 SLOW	C/D	•	
Coupe	1998 - 2002	183.A1.000	1.8L 16V MPI	HITACHI KW2000 130HP	C/D	•	
Coupe	2000 - 2002	183.A1.000	1.8L 16V MPI	HITACHI EOBD 130HP	C/D	•	
Croma	1995 - 1996	154.A.000	1.6L Carbureted	WEBER 32-34 DAT			
Croma	1995 - 1996	154.A.048	1.6L Carbureted	WEBER 32-34 DAT			
Croma	1995 - 1996	154.C2.000	2.0L Carbureted	WEBER DAT55/150			
Croma	1995 - 1996	154.C5.000	2.0L Carbureted	WEBER 34 DAT			
Croma	1995 - 1997	154.D1.000	2.0L TD	NOTHING			
Croma	1995 - 1997	154.E1.000	2.0L 16V MPI	M1_7	C/D	•	
Croma	1995 - 1997	154.E1.000	2.0L 16V MPI	M1_7 KEYLOCK	C/D	•	
Croma	1995 - 1997	154.E1.027	2.0L 16V MPI	M1_7	C/D	•	
Croma	1995 - 1997	154.E1.027	2.0L 16V MPI	M1_7 KEYLOCK	C/D	•	
Croma	1995 - 1997	154LL	2.5L TD	EGR MCR 3xx	C/D	•	
Croma	1995 - 1997	154PL	2.5L TD	MSA11	C/D	•	
Croma	1995 - 1997	834.B.146	2.0L LU-jetronic	NOTHING			
Croma	1995 - 1997	834.G.000	2.5L MPI	M1.7	C/D	•	
Croma	1995 - 1997	834.G.000	2.5L MPI	M1.7 KEYLOCK	C/D	•	
Croma Restyle	2006 - 2013	194.A1.000	2.2L 16V MPI	MOTOROLA INJECTION CF4	C/D	•	
Croma Restyle	2006 - 2013	939.A1.000	1.9L 8V MJET Diesel	EDC16C39 CF4	C/D	•	•,I,P,R
Croma Restyle	2006 - 2013	939.A2.000	1.9L 16V JTD	EDC16C39 CF4	C/D	•	•,I,P,R
Croma Restyle	2006 - 2013	939.A3.000	2.4L 20V MJET	EDC16C39 CF4	C/D	•	•,I,P,R
Croma Restyle	2006 - 2013	939.A4.000	1.8L 16V JTS MPI	SIEMENS VDO CF4	C/D	•	

Key (of Special Functions): BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- EGR, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, Jk- Jumper or Type Sent Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1/4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

FIAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Doblo	2000 - 2002	182.B9.000	1.9L TD	EDC15 CF3	C/D	•	
Doblo	2000 - 2002	182.B9.000	1.9L TD	EDC15 CF3 SLOW	C/D	•	
Doblo	2000 - 2002	223.A5.000	1.2L MPI	IAW 4AF EOBD	C/D	•	RA
Doblo	2000 - 2002	223.A5.000	1.2L MPI	IAW 4EF EOBD	C/D	•	RA
Doblo	2000 - 2002	223.A5.000	1.2L MPI	IAW 59F	C/D	•	RA
Doblo	2000 - 2002	223.A5.000	1.2L MPI	IAW 59F EOBD	C/D	•	RA
Doblo	2000 - 2002	223.A5.000	1.2L MPI	IAW 5AF EOBD	C/D	•	RA
Doblo	2000 - 2002	223.A6.000	1.9L Diesel	LUCAS DCU3F	C/D	•	
Doblo	2002 - 2002	182.B6.000	1.6L 16V MPI	IAW 5NF EOBD	C/D	•	RA
Doblo (263)	2010 - 2013	169.A1.000	1.3L JTD	MARELLI 6F3	C/D	•	•,I,P
Doblo (263)	2010 - 2013	169.A1.000	1.3L JTD	Marelli 8DF CF5/EOBD	C/D	•	
Doblo (263)	2010 - 2013	169.A1.000	1.3L JTD	Marelli 8F3	C/D	•	
Doblo (263)	2010 - 2013	198.A1.000	1.4L 16V TJET MPI	ME7.9.10 CF5/EOBD	C/D	•	
Doblo (263)	2010 - 2013	198.A3.000	1.6L MJET TD	EDC16C39 CF5/EOBD	C/D	•	•,E,I,P
Doblo (263)	2010 - 2013	199.A3.000	1.3L 16V JTD	MARELLI 6F3	C/D	•	•,I,P
Doblo (263)	2010 - 2013	199.A3.000	1.3L 16V JTD	Marelli 8DF CF5/EOBD	C/D	•	
Doblo (263)	2010 - 2013	199.A3.000	1.3L 16V JTD	Marelli 8F3	C/D	•	
Doblo (263)	2010 - 2013	263.A1.000	2.0L 16V MJET	EDC16C39 CF5/EOBD	C/D	•	•,E,I,P
Doblo (263)	2010 - 2013	955.A3.000	1.6L 16V MJET TD	EDC16C39 CF5/EOBD	C/D	•	•,E,I,P
Doblo (263)	2012 - 2013	263.A2.000	1.3L 16V JTD	MARELLI 6F3	C/D	•	•,I,P
Doblo (263)	2012 - 2013	263.A2.000	1.3L 16V JTD	Marelli 8DF CF5/EOBD	C/D	•	
Doblo (263)	2012 - 2013	263.A2.000	1.3L 16V JTD	Marelli 8F3	C/D	•	
Doblo Cargo (223)	2001 - 2012	182.B6.000	1.6L 16V MPI	IAW 5NF EOBD	C/D	•	RA
Doblo Cargo (223)	2001 - 2012	182.B9.000	1.9L TD	EDC15 CF3	C/D	•	
Doblo Cargo (223)	2001 - 2012	182.B9.000	1.9L TD	EDC15 CF3 SLOW	C/D	•	
Doblo Cargo (223)	2001 - 2012	223.A5.000	1.2L MPI	IAW 4AF EOBD	C/D	•	RA
Doblo Cargo (223)	2001 - 2012	223.A5.000	1.2L MPI	IAW 4EF EOBD	C/D	•	RA
Doblo Cargo (223)	2001 - 2012	223.A5.000	1.2L MPI	IAW 59F	C/D	•	RA
Doblo Cargo (223)	2001 - 2012	223.A5.000	1.2L MPI	IAW 59F EOBD	C/D	•	RA
Doblo Cargo (223)	2001 - 2012	223.A5.000	1.2L MPI	IAW 5AF EOBD	C/D	•	RA
Doblo Cargo (223)	2001 - 2012	223.A6.000	1.9L Diesel	LUCAS DCU3F	C/D	•	
Doblo Cargo (223)	2003 - 2012	188.A9.000	1.3L 16V JTD	MM 6F3 EOBD	C/D	•	
Doblo Cargo (223)	2003 - 2012	188.A9.000	1.3L 16V JTD	MM 6JF CF3 TEST	C/D	•	
Doblo Cargo (223)	2003 - 2012	223.A7.000	1.9L TD	EDC15 CF3	C/D	•	
Doblo Cargo (223)	2003 - 2012	223.A7.000	1.9L TD	EDC15 CF3 SLOW	C/D	•	
Doblo Cargo (223)	2005 - 2012	182.B6.000	1.6L 16V MPI	IAW 4EF/4AF GAS	C/D	•	RA
Doblo Cargo (223)	2005 - 2012	223.A5.000	1.2L MPI	IAW 4EF/4AF GAS	C/D	•	RA
Doblo Cargo (223)	2006 - 2006	350.A1.000	1.4L MPI	IAW5SF CF4	C/D	•	
Doblo Cargo (223)	2006 - 2012	186.A9.000	1.9L JTD	EDC16C39 CF4	C/D	•	•,I,P,R
Doblo Cargo (223)	2006 - 2012	199.A2.000	1.3L 16V JTD	MM 6F3 EOBD	C/D	•	
Doblo Cargo (223)	2006 - 2012	199.A2.000	1.3L 16V JTD	MM 6JF CF3 TEST	C/D	•	
Doblo Cargo (223)	2006 - 2012	199.A2.010	1.3L 16V TD	MM 6F3 EOBD	C/D	•	
Doblo Cargo (223)	2006 - 2012	199.A2.010	1.3L 16V TD	MM 6JF CF3 TEST	C/D	•	
Doblo Cargo (223)	2006 - 2012	223.B1.000	1.9L TD	EDC16C39 CF4	C/D	•	•,I,P,R
Doblo Cargo (223)	2007 - 2012	223.A9.000	1.3L 16V TD	MM 6F3 EOBD	C/D	•	
Ducato (230)	1995 - 1996	169.B.000	1.8L Carbureted	NOTHING			
Ducato (230)	1995 - 1996	170.B	2.0L Carbureted	NOTHING			
Ducato (230)	1995 - 1996	170.C	2.0L Carbureted	NOTHING			
Ducato (230)	1995 - 1996	170.D	2.0L Carbureted	NOTHING			
Ducato (230)	1995 - 1999	230*HM**	2.0L Carbureted	NOTHING			
Ducato (230)	1995 - 1999	230.A2.000	1.9L Diesel	NOTHING			
Ducato (230)	1995 - 1999	230.A3.000	1.9L TD	NOTHING			
Ducato (230)	1995 - 1999	230.A4.000	1.9L TD	EGR BITRON 1xx	C/D		
Ducato (230)	1995 - 1999	230.A4.000	1.9L TD	EGR MCR 1xx	C/D		
Ducato (230)	1995 - 1999	8140.67	2.5L Diesel	NOTHING			
Ducato (230)	1995 - 2001	230*GF**	2.0L MPI	MM8P PSA	C/D	•	
Ducato (230)	1995 - 2001	230*GM**	2.0L MPI	MM8P PSA	C/D	•	
Ducato (230)	1995 - 2001	230*GW**	2.0L MPI	MM8P PSA	C/D	•	

FIAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Ducato (230)	1995 - 2001	8140.47	2.5L TD	EGR MCR 3xx	C/D		
Ducato (230)	1995 - 2001	8140.47R	2.5L TD	MSA11	C/D	•	
Ducato (230)	1995 - 2001	8140.63	2.8L Diesel	EGR BITRON MID	C/D	•	
Ducato (230)	1996 - 1996	RFW	2.0L MPI	MM8P PSA	C/D	•	
Ducato (230)	1996 - 2001	230*MM**	1.9L D	NOTHING			
Ducato (230)	1996 - 2001	230*NM**	1.9L TD	NOTHING			
Ducato (230)	1997 - 2001	8140.43.220*	2.8L TD	NOTHING			
Ducato (230)	1997 - 2001	8140.43.221*	2.8L TD	EGR BITRON MID	C/D	•	
Ducato (230)	1997 - 2001	8140.43.221*	2.8L TD	EGR MCR 304B/304E	C/D		
Ducato (230)	2000 - 2001	8140.43S	2.8L TD	EDC15 CF3 2.8	C/D	•	
Ducato (230)	2000 - 2001	8140.43S	2.8L TD	EDC15 CF3 2.8 SLOW	C/D	•	
Ducato (230)	2000 - 2001	RHV	2.0L JTD	EDC15 CF3 2.0	C/D	•	
Ducato '06	2006 - 2012	4HV	2.2L 100HP	VISTEON CF4	C/D	•	RA
Ducato '06	2006 - 2012	F1AE0481D	2.3L 120HP	EDC16C39 CF4	C/D	•	•,I,P
Ducato '06	2006 - 2012	F1AE0481N	2.3L 130HP	EDC16C39 CF4	C/D	•	•,I,P
Ducato '06	2006 - 2012	F1CE0481D	3.0L 158HP	EDC16C39 CF4	C/D	•	•,I,P
Ducato FL (250)	2011 - 2011	F1AE0481D	2.3L T-Diesel	8F3 CF5/EOBD	C/D	•	•
Ducato FL (250)	2011 - 2013	250.A1.000	2.0L T-Diesel	EDC17C49 CF5/EOBD	C/D	•	•
Ducato FL (250)	2011 - 2013	F1AE3481E	2.3L T-Diesel	8F3 CF5/EOBD	C/D	•	•
Ducato FL (250)	2011 - 2013	F1CE3481E	3.0L T-Diesel	EDC17CP52 CF5/EOBD	C/D	•	•
Ducato FL (250)	2012 - 2013	F1AE3481D	2.3L T-Diesel	8F3 CF5/EOBD	C/D	•	•
Ducato Restyle (244)	2001 - 2006	8140.43S	2.8L TD	EDC15 CF3 2.8	C/D	•	
Ducato Restyle (244)	2001 - 2006	F1AE0481C	2.3L TD	EDC15 CF3 2.3	C/D	•	
Ducato Restyle (244)	2001 - 2006	F1AE0481C	2.3L TD	EDC15 CF3 2.3 SLOW	C/D	•	
Ducato Restyle (244)	2001 - 2006	RFL	2.0L MPI	MM48P PSA	C/D	•	
Ducato Restyle (244)	2001 - 2006	RHV	2.0L JTD	EDC15 CF3 2.0	C/D	•	
Ducato Restyle (244)	2001 - 2006	RHV	2.0L JTD	EDC15 CF3 2.0 SLOW	C/D	•	
Fiorino	1995 - 1999	146.A9.000	1.1L Carbureted	WEBER 32 ICEV			
Fiorino	1995 - 2006	146.A5.000	1.3L Carbureted	WEBER 30-32 DMTE			
Fiorino	1995 - 2006	146.B2.000	1.7L Diesel	NOTHING			
Fiorino	1995 - 2006	146.C5.000	1.4L CPI	MONO-JETRONIC 1	C/D		
Fiorino	1995 - 2006	146.C5.000	1.4L CPI	MONO-JETRONIC 2	C/D		
Fiorino	1995 - 2006	146.C6.000	1.6L CPI	MONO-JETRONIC 1	C/D		
Fiorino	1995 - 2006	146.C6.000	1.6L CPI	MONO-JETRONIC 2	C/D		
Fiorino	1995 - 2006	146.D5.000	1.4L CPI	MA1.7	C/D	•	
Fiorino	1995 - 2006	146.D5.000	1.4L CPI	MA1.7 KEYLOCK	C/D	•	
Fiorino	1995 - 2006	146.D6.000	1.6L CPI	MA1.7	C/D	•	
Fiorino	1995 - 2006	146.D6.000	1.6L CPI	MA1.7 KEYLOCK	C/D	•	
Fiorino	1997 - 2006	146.D7.000	1.7L TD	EGR BITRON 1xx	C/D		
Fiorino	1997 - 2006	146.D7.000	1.7L TD	EGR MCR 1xx	C/D		
Fiorino '08	2008 - 2013	169.A1.000	1.3L JTD	MARELLI 6F3	C/D	•	•,I,P
Fiorino '08	2008 - 2013	199.A2.000	1.3L 16V JTD	MARELLI 6F3	C/D	•	•,I,P
Fiorino '08	2008 - 2013	KFV	1.4L 8V MPI	TU3 PSA	C/D	•	RA
Fiorino '08	2010 - 2013	199.A9.000	1.3L JTD	MARELLI 6F3	C/D	•	•,I,P
Fiorino '08	2010 - 2013	199.A9.000	1.3L JTD	Marelli 8DF CF5/EOBD	C/D	•	
Freemont	2012 - 2013		3.6L V6 MPI	PCM 2391	C/D	•	
Freemont	2012 - 2013	940.A5.000	2.4L 16V MPI	PCM 23A4	C/D	•	
Freemont	2012 - 2013	940.A5.000	2.4L 16V MPI	PCM 23A5	C/D	•	
Freemont	2012 - 2013	940.A5.000	2.4L 16V MPI	PCM 23A6	C/D	•	
Freemont	2012 - 2013	940.A5.000	2.4L 16V MPI	PCM 25C0	C/D	•	
Idea	2003 - 2013	188.A5.000	1.2L 16V MPI	ME7.3H4M EOBD	C/D	•	RA
Idea	2003 - 2013	188.A9.000	1.3L 16V JTD	MM 6F3 EOBD	C/D	•	
Idea	2003 - 2013	188.A9.000	1.3L 16V JTD	MM 6JF CF3 TEST	C/D	•	
Idea	2003 - 2013	188.B2.000	1.9L JTD	EDC16C9 CF3	C/D		
Idea	2003 - 2013	188.B2.000	1.9L JTD	EDC16C9 CF4	C/D		
Idea	2003 - 2013	843.A1.000	1.4L 16V MPI	ME7.3H4M EOBD	C/D	•	RA
Idea	2009 - 2009	199.A3.000	1.3L 16V JTD	MM 6F3 EOBD	C/D	•	

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- EGR, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptation, S- Steering Angle Sensor, E- Electronic Body Return, A- Type of Motor or Type Semi Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

FIAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Idea	2009 - 2009	199.A3.000	1.3L 16V JTD	MM 6JF CF3 TEST	C/D	•	
Marea	1995 - 1999	182.A3.000	1.4L 12V CPI	MA1.7.3	C/D	•	
Marea	1995 - 2000	182.A7.000	1.9L TD	LUCAS DPNC	C/D	•	
Marea	1995 - 2000	182.A8.000	1.9L TD	EGR BITRON 1xx	C/D		
Marea	1995 - 2000	182.A8.000	1.9L TD	EGR MCR 1xx	C/D		
Marea	1995 - 2002	182.A4.000	1.6L 16V MPI	IAW 1AF	C/D	•	
Marea	1995 - 2002	182.B5.098	1.6L 16V MPI	IAW 1AF	C/D	•	
Marea	1996 - 1999	182.A1.000	2.0L 20V MPI	M2.10.4	C/D	•	
Marea	1996 - 1999	182.A1.000	2.0L 20V MPI	ME3.1	C/D	•	
Marea	1996 - 1999	182.A1.000	2.0L 20V MPI	ME3.1 SLOW	C/D	•	
Marea	1996 - 1999	182.A1.011	2.0L 20V MPI	M2.10.4	C/D	•	
Marea	1996 - 1999	182.A1.011	2.0L 20V MPI	ME3.1	C/D	•	
Marea	1996 - 1999	182.A1.011	2.0L 20V MPI	ME3.1 SLOW	C/D	•	
Marea	1996 - 1999	182.A2.000	1.8L 16V MPI	HITACHI MPI 115HP	C/D	•	
Marea	1996 - 2002	185.A2.000	2.4L TD	MSA11	C/D	•	
Marea	1997 - 2002	182.A4.000	1.6L 16V MPI	DOUBLE CONLOC MSG	C/D		
Marea	1997 - 2002	182.A4.000	1.6L 16V MPI	IAW 49F	C/D	•	
Marea	1997 - 2002	182.B5.098	1.6L 16V MPI	DOUBLE CONLOC MSG	C/D		
Marea	1997 - 2002	182.B5.098	1.6L 16V MPI	IAW 49F	C/D	•	
Marea	1998 - 2002	182.A2.000	1.8L 16V MPI	HITACHI KW2000 115HP	C/D	•	
Marea	1998 - 2002	182.B2.000	1.2L 16V MPI	M1.5.5	C/D	•	
Marea	1998 - 2002	182.B4.000	1.9L TD	EDC15 CF2	C/D	•	
Marea	1998 - 2002	182.B7.000	2.0L 20V MPI	M2.10.4	C/D	•	
Marea	1998 - 2002	182.B7.000	2.0L 20V MPI	ME3.1	C/D	•	
Marea	1998 - 2002	182.B7.000	2.0L 20V MPI	ME3.1 SLOW	C/D	•	
Marea	1998 - 2002	185.A3.000	1.6L 16V MPI	IAW 4GF (BIPOWER)	C/D		
Marea	1998 - 2002	185.A3.000	1.6L 16V MPI	IAW 4GF (BLUPOWER)	C/D		
Marea	1998 - 2002	185.A6.000	2.4L TD	EDC15 CF2	C/D	•	
Marea	1999 - 2002	182.B6.000	1.6L 16V MPI	IAW 4AF EOBD	C/D	•	RA
Marea	1999 - 2002	182.B6.000	1.6L 16V MPI	IAW 4EF EOBD	C/D	•	RA
Marea	1999 - 2002	182.B6.000	1.6L 16V MPI	IAW 59F EOBD	C/D	•	RA
Marea	1999 - 2002	182.B6.000	1.6L 16V MPI	IAW 5AF EOBD	C/D	•	RA
Marea	1999 - 2002	182.B9.000	1.9L TD	EDC15 CF3	C/D	•	
Marea	1999 - 2002	182.B9.000	1.9L TD	EDC15 CF3 SLOW	C/D	•	
Marea	1999 - 2002	185.A8.000	2.0L 20V MPI	ME3.1 EOBD	C/D	•	
Marea	2000 - 2002	182.A2.000	1.8L 16V MPI	HITACHI EOBD 115HP	C/D	•	
Marea	2000 - 2002	186.A6.000	1.9L TD	EDC15 CF3	C/D	•	
Marea	2000 - 2002	186.A6.000	1.9L TD	EDC15 CF3 SLOW	C/D	•	
Marengo	1995 - 1996	160.A6.000	1.9L TD	NOTHING	C/D		
Marengo	1995 - 1996	160.A7.000	1.9L Diesel	BOSCH/CAV	C/D	•	
Marengo	1995 - 2000	182.A7.000	1.9L TD	LUCAS DPNC	C/D	•	
Marengo	1995 - 2000	182.A8.000	1.9L TD	EGR BITRON 1xx	C/D		
Marengo	1995 - 2000	182.A8.000	1.9L TD	EGR MCR 1xx	C/D		
Marengo	2000 - 2002	182.B4.000	1.9L TD	EDC15 CF2	C/D	•	
Marengo	2000 - 2002	186.A6.000	1.9L TD	EDC15 CF3	C/D	•	
Marengo	2000 - 2002	186.A6.000	1.9L TD	EDC15 CF3 SLOW	C/D	•	
Multipla	1998 - 2001	182.A4.000	1.6L 16V MPI	IAW 49F	C/D	•	
Multipla	1998 - 2001	182.B4.000	1.9L TD	EDC15 CF2	C/D	•	
Multipla	1998 - 2013	186.A3.000	1.6L 16V MPI	IAW 4AF EOBD	C/D	•	RA
Multipla	1998 - 2013	186.A3.000	1.6L 16V MPI	IAW 4EF EOBD	C/D	•	RA
Multipla	1998 - 2013	186.A3.000	1.6L 16V MPI	IAW 4GF (BIPOWER)	C/D		
Multipla	1998 - 2013	186.A3.000	1.6L 16V MPI	IAW 4GF (BLUPOWER)	C/D		
Multipla	1998 - 2013	186.A3.000	1.6L 16V MPI	IAW 59F EOBD	C/D	•	RA
Multipla	1998 - 2013	186.A3.000	1.6L 16V MPI	IAW 5AF EOBD	C/D	•	RA
Multipla	1998 - 2013	186.A4.000	1.6L 16V MPI	IAW 4AF EOBD	C/D	•	RA
Multipla	1998 - 2013	186.A4.000	1.6L 16V MPI	IAW 4EF EOBD	C/D	•	RA
Multipla	1998 - 2013	186.A4.000	1.6L 16V MPI	IAW 4GF (BIPOWER)	C/D		
Multipla	1998 - 2013	186.A4.000	1.6L 16V MPI	IAW 4GF (BLUPOWER)	C/D		

FIAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Multipla	1998 - 2013	186.A4.000	1.6L 16V MPI	IAW 59F EOBD	C/D	•	RA
Multipla	1998 - 2013	186.A4.000	1.6L 16V MPI	IAW 5AF EOBD	C/D	•	RA
Multipla	1999 - 2013	182.B6.000	1.6L 16V MPI	IAW 4AF EOBD	C/D	•	RA
Multipla	1999 - 2013	182.B6.000	1.6L 16V MPI	IAW 4EF EOBD	C/D	•	RA
Multipla	1999 - 2013	182.B6.000	1.6L 16V MPI	IAW 59F EOBD	C/D	•	RA
Multipla	1999 - 2013	182.B6.000	1.6L 16V MPI	IAW 5AF EOBD	C/D	•	RA
Multipla	2000 - 2013	186.A6.000	1.9L TD	EDC15 CF3	C/D	•	
Multipla	2000 - 2013	186.A6.000	1.9L TD	EDC15 CF3 SLOW	C/D	•	
Multipla	2001 - 2013	186.A8.000	1.9L TD	EDC15 CF3	C/D	•	
Multipla	2001 - 2013	186.A8.000	1.9L TD	EDC15 CF3 SLOW	C/D	•	
Multipla	2005 - 2013	182.B6.000	1.6L 16V MPI	IAW 4EF/4AF GAS	C/D	•	RA
Multipla	2005 - 2013	186.A3.000	1.6L 16V MPI	IAW 4EF/4AF GAS	C/D	•	RA
Multipla	2005 - 2013	186.A4.000	1.6L 16V MPI	IAW 4EF/4AF GAS	C/D	•	RA
Multipla	2006 - 2006	186.A6.000	1.9L TD	EDC16C39 CF4	C/D	•	•,I,P,R
Multipla	2009 - 2013	186.A9.000	1.9L JTD	EDC15 CF3	C/D	•	
Multipla	2009 - 2013	186.A9.000	1.9L JTD	EDC15 CF3 SLOW	C/D	•	
Palio/Siena/Albea	1997 - 2000	178.B9.033	1.1L Carbureted				NOTHING
Palio/Siena/Albea	1997 - 2000	178.B9.033	1.1L CPI IAW	IAW 16F	C/D	•	
Palio/Siena/Albea	1997 - 2000	178.B9.033	1.1L CPI IAW	IAW 16F KEYLOCK	C/D	•	
Palio/Siena/Albea	1997 - 2001	178.A1.000	1.0L MPI	IAW 1G7	C/D	•	
Palio/Siena/Albea	1997 - 2005	176.B3.000	1.7L Diesel	NOTHING			
Palio/Siena/Albea	1997 - 2007	176.A3.000	1.7L TD	EGR BITRON 1xx	C/D		
Palio/Siena/Albea	1997 - 2007	176.A3.000	1.7L TD	EGR MCR 1xx	C/D		
Palio/Siena/Albea	1997 - 2007	176.B7.000	1.7L TD	EGR BITRON 1xx	C/D		
Palio/Siena/Albea	1997 - 2007	176.B7.000	1.7L TD	EGR MCR 1xx	C/D		
Palio/Siena/Albea	1997 - 2007	178.B2.000	1.4L MPI	IAW 1G7	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.B2.016	1.4L MPI	IAW 1G7	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.B3.000	1.6L 16V MPI	IAW 1AB	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.B3.000	1.6L 16V MPI	IAW 49F	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.B3.000	1.6L 16V MPI	IAW 4AF EOBD	C/D	•	•
Palio/Siena/Albea	1997 - 2007	178.B3.000	1.6L 16V MPI	IAW 4EF EOBD	C/D	•	•
Palio/Siena/Albea	1997 - 2007	178.B3.000	1.6L 16V MPI	IAW 59F EOBD (SLOW 49F)	C/D		
Palio/Siena/Albea	1997 - 2007	178.B3.000	1.6L 16V MPI	IAW 5AF EOBD	C/D	•	•
Palio/Siena/Albea	1997 - 2007	178.B5.000	1.2L MPI	IAW 18F KEYCODE	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.B5.000	1.2L MPI	IAW 49F	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.B5.000	1.2L MPI	IAW 4AF EOBD	C/D	•	RA
Palio/Siena/Albea	1997 - 2007	178.B5.000	1.2L MPI	IAW 4EF EOBD	C/D	•	RA
Palio/Siena/Albea	1997 - 2007	178.B5.000	1.2L MPI	IAW 59F	C/D	•	RA
Palio/Siena/Albea	1997 - 2007	178.B5.000	1.2L MPI	IAW 59F EOBD	C/D	•	RA
Palio/Siena/Albea	1997 - 2007	178.B5.000	1.2L MPI	IAW 5AF EOBD	C/D	•	RA
Palio/Siena/Albea	1997 - 2007	178.B7.045	1.2L MPI	IAW 18F	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.B7.045	1.2L MPI	IAW 49F	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.B7.045	1.2L MPI	IAW 59F	C/D	•	RA
Palio/Siena/Albea	1997 - 2007	178.C4.066	1.2L MPI	IAW 18F	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.C4.066	1.2L MPI	IAW 49F	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.C4.066	1.2L MPI	IAW 4AF EOBD	C/D	•	RA
Palio/Siena/Albea	1997 - 2007	178.C4.066	1.2L MPI	IAW 4EF EOBD	C/D	•	RA
Palio/Siena/Albea	1997 - 2007	178.C4.066	1.2L MPI	IAW 59F	C/D	•	RA
Palio/Siena/Albea	1997 - 2007	178.C4.066	1.2L MPI	IAW 59F EOBD	C/D	•	RA
Palio/Siena/Albea	1997 - 2007	178.C7.098	1.6L 16V MPI	IAW 1AB	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.C7.098	1.6L 16V MPI	IAW 49F	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.C8.098	1.6L MPI	IAW 1G7? RUSSIA	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.C9.066	1.7L TD	EGR BITRON 1xx	C/D		
Palio/Siena/Albea	1997 - 2007	178.C9.066	1.7L TD	EGR MCR 1xx	C/D		
Palio/Siena/Albea	1997 - 2007	178.D2.011	1.6L 16V MPI	IAW 1AB	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.E2.000	1.2L MPI	IAW 18F	C/D	•	
Palio/Siena/Albea	1997 - 2007	178.E3.000	1.2L MPI	IAW 49F	C/D	•	

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flarewheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, A: Airpump or Type Sent Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

FIAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Palio/Siena/Albea	1997 - 2007	178.E3.000	1.2L MPI	IAW 4AF EOBD	C/D	•	RA
Palio/Siena/Albea	1997 - 2007	178.E3.000	1.2L MPI	IAW 4EF EOBD	C/D	•	RA
Palio/Siena/Albea	1997 - 2007	178.E3.000	1.2L MPI	IAW 59F	C/D	•	RA
Palio/Siena/Albea	1997 - 2007	178.E3.000	1.2L MPI	IAW 59F EOBD	C/D	•	RA
Palio/Siena/Albea	1997 - 2007	178.E3.000	1.2L MPI	IAW 5AF EOBD	C/D	•	RA
Palio/Siena/Albea	1999 - 2007	188.A5.000	1.2L 16V MPI	ME7.3 FAST	C/D	•	RA
Palio/Siena/Albea	1999 - 2007	188.A5.000	1.2L 16V MPI	ME7.3 SLOW	C/D	•	RA
Palio/Siena/Albea	2000 - 2007		1.0L 16V MPI	IAW SNF	C/D	•	•
Palio/Siena/Albea	2000 - 2007		1.0L 16V MPI	ME7.3	C/D	•	RA
Palio/Siena/Albea	2000 - 2007	178.E5.022	1.5L MPI	IAW 59F	C/D	•	RA
Palio/Siena/Albea	2000 - 2007	178.E7.000	1.6L 16V MPI	IAW 4AF EOBD	C/D	•	RA
Palio/Siena/Albea	2000 - 2007	178.E7.000	1.6L 16V MPI	IAW 4EF EOBD	C/D	•	RA
Palio/Siena/Albea	2000 - 2007	178.E7.000	1.6L 16V MPI	IAW 59F EOBD	C/D	•	RA
Palio/Siena/Albea	2000 - 2007	178.E7.000	1.6L 16V MPI	IAW 5AF EOBD	C/D	•	RA
Palio/Siena/Albea	2000 - 2007	182.B6.000	1.6L 16V MPI	IAW 4AF EOBD	C/D	•	RA
Palio/Siena/Albea	2000 - 2007	182.B6.000	1.6L 16V MPI	IAW 4EF EOBD	C/D	•	RA
Palio/Siena/Albea	2000 - 2007	182.B6.000	1.6L 16V MPI	IAW 59F EOBD	C/D	•	RA
Palio/Siena/Albea	2000 - 2007	182.B6.000	1.6L 16V MPI	IAW 5AF EOBD	C/D	•	RA
Palio/Siena/Albea	2000 - 2007	188.A4.000	1.2L MPI	IAW 4AF EOBD	C/D	•	RA
Palio/Siena/Albea	2000 - 2007	188.A4.000	1.2L MPI	IAW 4EF EOBD	C/D	•	RA
Palio/Siena/Albea	2000 - 2007	188.A4.000	1.2L MPI	IAW 59F EOBD	C/D	•	RA
Palio/Siena/Albea	2000 - 2007	188.A4.000	1.2L MPI	IAW 5AF EOBD	C/D	•	RA
Palio/Siena/Albea	2000 - 2007	223.A6.000	1.9L DIESEL	LUCAS DCU3F	C/D	•	•
Palio/Siena/Albea	2001 - 2007	188.A2.000	1.9L TD	EDC15 CF3 FAST	C/D	•	•
Palio/Siena/Albea	2001 - 2007	188.A2.000	1.9L TD	EDC15 CF3 SLOW	C/D	•	•
Palio/Siena/Albea	2003 - 2007	188.A9.000	1.3L 16V JTD	MM 6JF CF3	C/D	•	•
Panda (100 Hp)	2008 - 2010	188.A4.000	1.2L MPI	IAW 4AF EOBD	C/D	•	RA
Panda (100 Hp)	2008 - 2010	188.A4.000	1.2L MPI	IAW 4EF EOBD	C/D	•	RA
Panda (100 Hp)	2008 - 2010	188.A4.000	1.2L MPI	IAW 59F EOBD	C/D	•	RA
Panda (100 Hp)	2008 - 2010	188.A4.000	1.2L MPI	IAW 5AF EOBD	C/D	•	RA
Panda (100 Hp)	2008 - 2010	188.A4.000	1.2L MPI	IAW SNF EOBD	C/D	•	RA
Panda (100 Hp)	2008 - 2013	169.A3.000	1.4L 16V MPI	ME7.6.3 CF4 EOBD	C/D	•	RA
Panda (100 Hp)	2008 - 2013	169.A4.000	1.2L MPI	Gas 6D0 EOBD	C/D	•	•
Panda (100 Hp)	2008 - 2013	169.A4.000	1.2L MPI	IAW 55F8 CF5/EOBD	C/D	•	RA
Panda (100 Hp)	2008 - 2013	169.A4.000	1.2L MPI	IAW 55F8 Natural Power	C/D	•	RA
Panda (100 Hp)	2008 - 2013	188.A4.000	1.2L MPI	Gas 6D0 EOBD	C/D	•	•
Panda (100 Hp)	2011 - 2013	188.A4.000	1.2L MPI	IAW 55F8 CF5/EOBD	C/D	•	RA
Panda (100 Hp)	2011 - 2013	188.A4.000	1.2L MPI	IAW 55F8 Natural Power	C/D	•	RA
Panda (141)	1995 - 1995	141.B.000	0.8L Carbureted	WEBER 32TLF			
Panda (141)	1995 - 1995	146.A.048	0.9L Carbureted	WEBER 32TLF			
Panda (141)	1995 - 1995	156.A2.000	1.0L Carbureted	WEBER 32TLF			
Panda (141)	1995 - 1995	156.A2.100	1.0L Carbureted	WEBER 32TLF			
Panda (141)	1995 - 1995	156.A3.000	1.0L Carbureted	WEBER 32TLF			
Panda (141)	1995 - 1995	156.A4.000	0.8L Carbureted	WEBER 32TLF			
Panda (141)	1995 - 1995	156.A4.048	0.8L Carbureted	WEBER 32TLF			
Panda (141)	1995 - 1995	156.C.046	1.1L CPI	MA1.7	C/D	•	•
Panda (141)	1995 - 1995	156.C.046	1.1L CPI	MONO-JETRONIC 1	C/D	•	•
Panda (141)	1995 - 1995	156.C.046	1.1L CPI	MONO-JETRONIC 2	C/D	•	•
Panda (141)	1995 - 2001	1170A1.046	0.9L CPI	IAW 16F	C/D	•	•
Panda (141)	1995 - 2001	1170A1.046	0.9L CPI	IAW 16F KEYLOCK	C/D	•	•
Panda (141)	1995 - 2001	1170A1.046	0.9L CPI	IAW 6F	C/D	•	•
Panda (141)	1995 - 2001	1170A1.046	0.9L CPI	IAW 6F ENHANCED	C/D	•	•
Panda (141)	1995 - 2001	141.C2.000	1.0L CPI	IAW 16F	C/D	•	•
Panda (141)	1995 - 2001	141.C2.000	1.0L CPI	IAW 16F KEYLOCK	C/D	•	•
Panda (141)	1995 - 2001	141.C2.000	1.0L CPI	IAW 6F	C/D	•	•
Panda (141)	1995 - 2001	141.C2.000	1.0L CPI	IAW 6F ENHANCED	C/D	•	•
Panda (141)	1995 - 2001	156.A2.246	1.0L CPI	IAW 16F	C/D	•	•
Panda (141)	1995 - 2001	156.A2.246	1.0L CPI	IAW 16F KEYLOCK	C/D	•	•
Panda (141)	1995 - 2001	156.A2.246	1.0L CPI	IAW 6F	C/D	•	•

FIAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Panda (141)	1995 - 2001	156.A2.246	1.0L CPI	IAW 6F ENHANCED	C/D	•	•
Panda (141)	1995 - 2001	156.A2.246	1.0L CPI	MONO-JETRONIC 1	C/D	•	•
Panda (141)	1995 - 2001	156.A2.246	1.0L CPI	MONO-JETRONIC 2	C/D	•	•
Panda (141)	1995 - 2001	176.B2.000	1.1L CPI	IAW 16F	C/D	•	•
Panda (141)	1995 - 2001	176.B2.000	1.1L CPI	IAW 16F KEYLOCK	C/D	•	•
Panda (141)	1995 - 2001	176.B2.000	1.1L CPI	IAW 6F	C/D	•	•
Panda (141)	1995 - 2001	176.B2.000	1.1L CPI	IAW 6F ENHANCED	C/D	•	•
Panda (141)	2000 - 2006	187.A1.000	1.1L MPI	IAW 4AF EOBD	C/D	•	RA
Panda (141)	2000 - 2006	187.A1.000	1.1L MPI	IAW 4EF EOBD	C/D	•	RA
Panda (141)	2000 - 2006	187.A1.000	1.1L MPI	IAW 59F EOBD	C/D	•	RA
Panda (141)	2000 - 2006	187.A1.000	1.1L MPI	IAW 5AF EOBD	C/D	•	RA
Panda (169)	2003 - 2013	187.A1.000	1.1L MPI	IAW 4AF EOBD	C/D	•	RA
Panda (169)	2003 - 2013	187.A1.000	1.1L MPI	IAW 4EF EOBD	C/D	•	RA
Panda (169)	2003 - 2013	187.A1.000	1.1L MPI	IAW 59F EOBD	C/D	•	RA
Panda (169)	2003 - 2013	187.A1.000	1.1L MPI	IAW 5AF EOBD	C/D	•	RA
Panda (169)	2003 - 2013	188.A4.000	1.2L MPI	IAW 4AF EOBD	C/D	•	RA
Panda (169)	2003 - 2013	188.A4.000	1.2L MPI	IAW 4EF EOBD	C/D	•	RA
Panda (169)	2003 - 2013	188.A4.000	1.2L MPI	IAW 59F EOBD	C/D	•	RA
Panda (169)	2003 - 2013	188.A4.000	1.2L MPI	IAW 5AF EOBD	C/D	•	RA
Panda (169)	2003 - 2013	188.A4.000	1.2L MPI	IAW SNF EOBD	C/D	•	RA
Panda (169)	2003 - 2013	188.A8.000	1.3L 16V TD	MM 6JF CF3	C/D	•	•
Panda (169)	2003 - 2013	188.A9.000	1.3L 16V JTD	MM 6JF CF3	C/D	•	•
Panda (169)	2004 - 2012	169.A1.000	1.3L 16V JTD	MM 6JF CF3	C/D	•	•
Panda (169)	2007 - 2013	188.A4.000	1.2L MPI	Gas 6D0 EOBD	C/D	•	•
Panda (169)	2010 - 2013	169.A4.000	1.2L MPI	Gas 6D0 EOBD	C/D	•	•
Panda (169)	2010 - 2013	169.A4.000	1.2L MPI	IAW 55F8 CF5/EOBD	C/D	•	RA
Panda (169)	2010 - 2013	169.A4.000	1.2L MPI	IAW 55F8 Natural Power	C/D	•	RA
Panda (312)	2012 - 2013	169.A4.000	1.2L MPI	PCM_FGA	C/D	•	•
Panda (312)	2012 - 2013	199.A9.000	1.3L JTD	Marelli 8F3	C/D	•	•
Panda (312)	2012 - 2013	312.A2.000	0.9L Turbo Twin Air	IAW 8GSWH3	C/D	•	•
Panda (312)	2012 - 2013	312.A4.000	0.9L Turbo Twin Air	IAW 8GSWH3	C/D	•	•
Punto	1995 - 1997	176.A4.000	1.4L MPI Turbo	M2.7	C/D	•	•
Punto	1995 - 1997	176.A4.000	1.4L MPI Turbo	M2.7 KEYLOCK	C/D	•	•
Punto	1995 - 1997	176.A5.000	1.7L TD	NOTHING			
Punto	1995 - 1997	176.B3.000	1.7L Diesel	NOTHING			
Punto	1995 - 1999	176.A3.000	1.7L TD	EGR BITRON 1xx	C/D	•	•
Punto	1995 - 1999	176.A3.000	1.7L TD	EGR MCR 1xx	C/D	•	•
Punto	1995 - 1999	176.B6.000	1.4L MPI Turbo	M2.7	C/D	•	•
Punto	1995 - 1999	176.B6.000	1.4L MPI Turbo	M2.7 KEYLOCK	C/D	•	•
Punto	1995 - 2001	176.A6.000	1.1L CPI	IAW 16F	C/D	•	•
Punto	1995 - 2001	176.A6.000	1.1L CPI	IAW 16F KEYLOCK	C/D	•	•
Punto	1995 - 2001	176.A6.000	1.1L CPI	IAW 6F	C/D	•	•
Punto	1995 - 2001	176.A6.000	1.1L CPI	IAW 6F ENHANCED	C/D	•	•
Punto	1995 - 2001	176.A7.000	1.2L CPI	IAW 16F KEYLOCK	C/D	•	•
Punto	1995 - 2001	176.A7.000	1.2L CPI	IAW 6F	C/D	•	•
Punto	1995 - 2001	176.A7.000	1.2L CPI	IAW 6F ENHANCED	C/D	•	•
Punto	1995 - 2001	176.A8.000	1.2L MPI	IAW 18F KEYCODE	C/D	•	•
Punto	1995 - 2001	176.A8.000	1.2L MPI	IAW 8F	C/D	•	•
Punto	1995 - 2001	176.A9.000	1.6L MPI	AC DELCO	C/D	•	•
Punto	1995 - 2001	176.A9.000	1.6L MPI	AC DELCO KEYCODE	C/D	•	•
Punto	1995 - 2001	176.B1.000	1.2L CPI	IAW 16F	C/D	•	•
Punto	1995 - 2001	176.B1.000	1.2L CPI	IAW 16F KEYLOCK	C/D	•	•
Punto	1995 - 2001	176.B1.000	1.2L CPI	IAW 6F	C/D	•	•
Punto	1995 - 2001	176.B1.000	1.2L CPI	IAW 6F ENHANCED	C/D	•	•
Punto	1995 - 2001	176.B2.000	1.1L CPI	IAW 16F	C/D	•	•
Punto	1995 - 2001	176.B2.000	1.1L CPI	IAW 16F KEYLOCK	C/D	•	•
Punto	1995 - 2001	176.B4.000	1.2L CPI	IAW 16F	C/D	•	•

Key for Special Functions: BB- Brake Blend, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Relearn, A- Type of Air, \*- Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

FIAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Punto	1995 - 2001	176.B4.000	1.2L CPI	IAW 16F KEYLOCK	C/D	•	
Punto	1995 - 2001	176.BZ.000	1.1L CPI	IAW 16F	C/D	•	
Punto	1995 - 2001	176.BZ.000	1.1L CPI	IAW 16F KEYLOCK	C/D	•	
Punto	1996 - 2001	176.A8.000	1.2L MPI	IAW 49F	C/D	•	
Punto	1996 - 2001	176.B9.000	1.2L 16V MPI	IAW 18FD KEYCODE	C/D	•	
Punto	1997 - 1999	176.B7.000	1.7L TD	EGR BITRON 1xx	C/D		
Punto	1997 - 1999	176.B7.000	1.7L TD	EGR MCR 1xx	C/D		
Punto	1997 - 2005	188.A2.000	1.9L TD	EDC15 CF2 FAST	C/D		
Punto	1997 - 2005	188.A2.000	1.9L TD	EDC15 CF2 SLOW	C/D		
Punto	1997 - 2005	188.A2.000	1.9L TD	EDC15 CF3 FAST	C/D		
Punto	1997 - 2005	188.A2.000	1.9L TD	EDC15 CF3 SLOW	C/D		
Punto	1998 - 2002	183.A1.000	1.8L 16V MPI	HITACHI EOBD 130HP	C/D		
Punto	1998 - 2002	183.A1.000	1.8L 16V MPI	HITACHI KW2000 130HP	C/D		
Punto	1998 - 2005	188.A6.000	1.8L 16V MPI	HITACHI EOBD 130HP (CF3 + CF4?)	C/D	•	
Punto	1999 - 2005	188.A4.000	1.2L MPI	IAW 44F EOBD	C/D	•	RA
Punto	1999 - 2005	188.A4.000	1.2L MPI	IAW 44F EOBD	C/D	•	RA
Punto	1999 - 2005	188.A4.000	1.2L MPI	IAW 59F	C/D	•	RA
Punto	1999 - 2005	188.A4.000	1.2L MPI	IAW 59F EOBD	C/D	•	RA
Punto	1999 - 2005	188.A4.000	1.2L MPI	IAW 5AF EOBD	C/D	•	RA
Punto	1999 - 2005	188.A5.000	1.2L 16V MPI	ME7.3 EOBD FAST	C/D	•	RA
Punto	1999 - 2005	188.A5.000	1.2L 16V MPI	ME7.3 EOBD SLOW	C/D	•	RA
Punto	1999 - 2005	188.A5.000	1.2L 16V MPI	ME7.3 FAST	C/D	•	RA
Punto	1999 - 2005	188.A5.000	1.2L 16V MPI	ME7.3 SLOW	C/D	•	RA
Punto	1999 - 2005	188.A5.000	1.2L 16V MPI	ME7.3H4M EOBD	C/D	•	RA
Punto	1999 - 2005	188.A7.000	1.9L TD	EDC15 CF2 FAST	C/D		
Punto	1999 - 2005	188.A7.000	1.9L TD	EDC15 CF2 SLOW	C/D		
Punto	1999 - 2005	188.A7.000	1.9L TD	EDC15 CF3 FAST	C/D		
Punto	1999 - 2005	188.A7.000	1.9L TD	EDC15 CF3 SLOW	C/D		
Punto	2000 - 2005	188.A3.000	1.9L DIESEL	LUCAS DCU3F (CF2 + CF3)	C/D	•	
Punto	2003 - 2005	188.A4.000	1.2L MPI	IAW 5NF EOBD	C/D	•	RA
Punto	2003 - 2005	188.A9.000	1.3L 16V JTD	MM 6JF CF3 TEST	C/D	•	
Punto	2003 - 2005	188.B2.000	1.9L JTD	EDC15 CF3 FAST	C/D		
Punto	2003 - 2005	188.B2.000	1.9L JTD	EDC15 CF3 SLOW	C/D		
Punto	2003 - 2005	188.B2.000	1.9L JTD	EDC16 CF3 FAST	C/D		
Punto	2003 - 2005	188.B2.000	1.9L JTD	EDC16 CF3 SLOW	C/D		
Punto	2003 - 2005	843.A1.000	1.4L 16V MPI	ME7.3H4M EOBD	C/D	•	RA
Punto Evo	2010 - 2013	198.A4.000	1.4L 16V TJET MPI	ME 7.9.10 CF4	C/D	•	RA
Punto Evo	2010 - 2013	199.A2.000	1.3L 16V JTD	MARELLI 6F3	C/D	•	•,I,P
Punto Evo	2010 - 2013	199.A2.000	1.3L 16V JTD	Marelli 8DF CF5/EOBD	C/D	•	
Punto Evo	2010 - 2013	199.A3.000	1.3L 16V JTD	MARELLI 6F3	C/D	•	•,I,P
Punto Evo	2010 - 2013	199.A3.000	1.3L 16V JTD	Marelli 8DF CF5/EOBD	C/D	•	
Punto Evo	2010 - 2013	199.A4.000	1.2L MPI	IAW 5SF3	C/D	•	RA
Punto Evo	2010 - 2013	199.A4.000	1.2L MPI	IAW 5SF8 CF4 EOBD	C/D	•	RA
Punto Evo	2010 - 2013	199.A4.000	1.2L MPI	IAW 5SF9 CF4 EOBD	C/D	•	RA
Punto Evo	2010 - 2013	199.A5.000	1.9L 16V MJET	EDC16C39 CF4	C/D	•	•,I,P
Punto Evo	2010 - 2013	199.A6.000	1.4L 16V MPI	ME 7.6.3	C/D	•	•,R
Punto Evo	2010 - 2013	199.B1.000	1.3L 16V JTD	MARELLI 6F3	C/D	•	•,I,P
Punto Evo	2010 - 2013	199.B1.000	1.3L 16V JTD	Marelli 8DF CF5/EOBD	C/D	•	
Punto Evo	2010 - 2013	199.B1.000	1.3L 16V JTD	Marelli 8F3	C/D	•	
Punto Evo	2010 - 2013	350.A1.000	1.4L 8V MPI	IAW 5SF3	C/D	•	RA
Punto Evo	2010 - 2013	350.A1.000	1.4L 8V MPI	IAW 5SF8 CF4 EOBD	C/D	•	RA
Punto Evo	2010 - 2013	350.A1.000	1.4L 8V MPI	IAW 5SF9 CF4 EOBD	C/D	•	RA
Punto Evo	2010 - 2013	350.A1.000	1.4L 8V MPI	IAW 5SF9 CF5 EOBD	C/D	•	RA
Punto Evo	2010 - 2013	939.A1.000	1.9L 8V MJET Diesel	EDC16C39 CF4	C/D	•	•,I,P
Punto Evo	2011 - 2013	169.A4.000	1.2L MPI	IAW 5SF3	C/D	•	RA
Punto Evo	2011 - 2013	169.A4.000	1.2L MPI	IAW 5SF8 CF4 EOBD	C/D	•	RA
Punto Evo	2011 - 2013	169.A4.000	1.2L MPI	IAW 5SF9 CF4 EOBD	C/D	•	RA
Punto Evo	2011 - 2013	199.A4.000	1.2L MPI	IAW 5SF9 CF4 EOBD	C/D	•	RA
Punto Evo	2011 - 2013	199.B4.000	1.3L 16V JTD	MARELLI 6F3	C/D	•	•,I,P

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Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Punto Evo	2011 - 2013	199.B4.000	1.3L 16V JTD	Marelli 8DF CF5/EOBD	C/D	•	
Punto Grande	2005 - 2013	198.A4.000	1.4L 16V TJET MPI	ME 7.9.10 CF4	C/D	•	RA
Punto Grande	2005 - 2013	199.A2.000	1.3L 16V JTD	MARELLI 6F3	C/D	•	•,I,P
Punto Grande	2005 - 2013	199.A2.000	1.3L 16V JTD	Marelli 8DF CF5/EOBD	C/D	•	
Punto Grande	2005 - 2013	199.A3.000	1.3L 16V JTD	MARELLI 6F3	C/D	•	•,I,P
Punto Grande	2005 - 2013	199.A3.000	1.3L 16V JTD	Marelli 8DF CF5/EOBD	C/D	•	
Punto Grande	2005 - 2013	199.A4.000	1.2L MPI	IAW 5SF3	C/D	•	RA
Punto Grande	2005 - 2013	199.A4.000	1.2L MPI	IAW 5SF8 CF4 EOBD	C/D	•	RA
Punto Grande	2005 - 2013	199.A5.000	1.9L 16V MJET	EDC16C39 CF4	C/D	•	•,I,P
Punto Grande	2005 - 2013	199.A6.000	1.4L 16V MPI	ME 7.6.3	C/D	•	•,R
Punto Grande	2005 - 2013	350.A1.000	1.4L 8V MPI	IAW 5SF3	C/D	•	RA
Punto Grande	2005 - 2013	350.A1.000	1.4L 8V MPI	IAW 5SF8 CF4 EOBD	C/D	•	RA
Punto Grande	2005 - 2013	350.A1.000	1.4L 8V MPI	IAW 5SF9 CF4 EOBD	C/D	•	RA
Punto Grande	2005 - 2013	939.A1.000	1.9L 8V MJET Diesel	EDC16C39 CF4	C/D	•	•,I,P
Qubo	2008 - 2013	169.A1.000	1.3L JTD	MARELLI 6F3	C/D	•	•,I,P
Qubo	2008 - 2013	199.A2.000	1.3L 16V JTD	MARELLI 6F3	C/D	•	•,I,P
Qubo	2008 - 2013	KFV	1.4L 8V MPI	TU3 PSA	C/D	•	RA
Qubo	2011 - 2013	199.A9.000	1.3L JTD	MARELLI 6F3	C/D	•	•,I,P
Qubo	2011 - 2013	199.A9.000	1.3L JTD	Marelli 8DF CF5/EOBD	C/D	•	
Qubo	2011 - 2013	199.A9.000	1.3L JTD	Marelli 8F3	C/D	•	
Scudo	1996 - 2002	220*E5**	1.9L TD	NOTHING			
Scudo	1996 - 2002	220*G5**	1.6L CPI	MA1.7 KEYLOCK	C/D	•	
Scudo	1996 - 2002	220WH5C	1.9L TD	AS3.1 PSA	C/D	•	
Scudo	1996 - 2002	220XH5	1.9L TD	AS3.1 PSA	C/D	•	
Scudo	1996 - 2002	220XH50E	1.9L TD	NOTHING			
Scudo	1996 - 2002	220XH51A	1.9L TD	AS3.1 PSA	C/D	•	
Scudo	1996 - 2002	220XH51D	1.9L TD	NOTHING			
Scudo	1996 - 2002	220XH51E	1.9L TD	NOTHING			
Scudo	1996 - 2002	220XH51O	1.9L TD	NOTHING			
Scudo	1996 - 2002	220XH510	1.9L TD	AS3.1 PSA	C/D	•	
Scudo	1996 - 2002	220XH5AX	1.9L TD	AS3.1 PSA	C/D	•	
Scudo	1996 - 2002	220XH5BA	1.9L TD	AS3.1 PSA	C/D	•	
Scudo	1996 - 2002	220XH5OB	1.9L TD	AS3.1 PSA	C/D	•	
Scudo	1996 - 2002	220XH5OC	1.9L TD	AS3.1 PSA	C/D	•	
Scudo	1996 - 2002	220XH5OF	1.9L TD	NOTHING			
Scudo	1996 - 2002	220XH5OG	1.9L TD	NOTHING			
Scudo	1996 - 2002	220XM5**	1.9L D	NOTHING			
Scudo	1996 - 2002	220YH5*	1.9L TD	NOTHING			
Scudo	1996 - 2002	220YM5**	1.9L D	NOTHING			
Scudo	1996 - 2002	220ZH5*	1.9L TD	NOTHING			
Scudo	1996 - 2002	220ZM5	1.9L D	NOTHING			
Scudo	1998 - 2001	220*L5	2.0L 16V MPI	MP7.3 PSA	C/D	•	
Scudo	1998 - 2007	220*P5**	2.0L JTD	EDC15 PSA	C/D	•	
Scudo	1998 - 2007	220XN5**	2.0L JTD	EDC15 PSA	C/D	•	
Scudo	1998 - 2007	220XV5**	2.0L JTD	EDC15 PSA	C/D	•	
Scudo	1998 - 2007	220YV5**	2.0L JTD	EDC15 PSA	C/D	•	
Scudo	1998 - 2007	220ZV5**	2.0L JTD	EDC15 PSA	C/D	•	
Scudo	2000 - 2007	220*Q4**	2.0L 16V MPI	MM48P PSA	C/D	•	
Scudo	2000 - 2007	220*Q5**	2.0L 16V MPI	MM48P PSA	C/D	•	
Scudo	2000 - 2007	220*R5**	2.0L JTD	EDC15 PSA	C/D	•	
Scudo	2000 - 2007	220*R5**	2.0L JTD	EDC15 V PSA	C/D	•	
Scudo	2000 - 2007	220*U5**	1.9L D	LUCAS DCN2	C/D	•	
Scudo	2003 - 2007	182.B6.000	1.6L 16V MPI	IAW 5NF EOBD	C/D	•	RA
Scudo '07	2007 - 2008	RHK	2.0L 16V JTD	DCM 3.5	C/D	•	•,E,I,P
Scudo '07	2007 - 2008	RHK	2.0L 16V JTD	SID803 CF4/EOBD	C/D	•	
Scudo '07	2007 - 2013	9HU	1.6L 16V JTD	BOSCH EDC16C34	C/D	•	•,E,I
Scudo '07	2009 - 2013	RHR	2.0L 16V JTD	DCM 3.5	C/D	•	•,E,I,P
Scudo '07	2009 - 2013	RHR	2.0L 16V JTD	SID803 CF4/EOBD	C/D	•	
Sedici	2006 - 2013	939.A1.000	1.9L 8V MJET Diesel	EDC16C39 CF4	C/D	•	•,I,P,R
Sedici	2006 - 2013	M16A	1.6L 16V MPI	DENSO SZK	C/D		

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering/Angle Sensor, E- Electronic Body Return, A- Air Tyre/uror or Tyre Sent Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

FIAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Sedici	2006 - 2013	M16A	1.6L 16V MPI	SZK CF5/EOBD	C/D	•	
Seicento	1997 - 2001	1170A1.046	0.9L CPI	IAW 16F	C/D	•	
Seicento	1997 - 2001	1170A1.046	0.9L CPI	IAW 16F KEYLOCK	C/D	•	
Seicento	1997 - 2001	176.B2.000	1.1L CPI	IAW 16F	C/D	•	
Seicento	1997 - 2001	176.B2.000	1.1L CPI	IAW 16F KEYLOCK	C/D	•	
Seicento	2000 - 2005	187.A1.000	1.1L MPI	IAW 4AF EOBD	C/D	•	RA
Seicento	2000 - 2005	187.A1.000	1.1L MPI	IAW 4EF EOBD	C/D	•	RA
Seicento	2000 - 2005	187.A1.000	1.1L MPI	IAW 59F EOBD	C/D	•	RA
Seicento	2000 - 2005	187.A1.000	1.1L MPI	IAW 5AF EOBD	C/D	•	RA
Stilo	2001 - 2007	182.B6.000	1.6L 16V MPI	IAW 5NF EOBD	C/D	•	RA
Stilo	2001 - 2007	188.A5.000	1.2L 16V MPI	ME7.3H4M EOBD	C/D	•	RA
Stilo	2001 - 2007	192.A1.000	1.9L TD	EDC15 CF3 115HP	C/D	•	
Stilo	2001 - 2007	192.A2.000	2.4L 20V MPI	ME3.1 EOBD	C/D	•	
Stilo	2001 - 2007	192.A3.000	1.9L TD	EDC15 CF3 80HP	C/D	•	
Stilo	2001 - 2007	192.A4.000	1.8L 16V MPI	HITACHI EOBD	C/D	•	
Stilo	2003 - 2007	192.A5.000	1.9L 16V TD	EDC16 CF3 FAST	C/D	•	
Stilo	2003 - 2007	192.B1.000	1.9L 16V TD	EDC16 CF3 FAST BELGIUM	C/D	•	
Stilo	2003 - 2007	192.B2.000	1.4L 16V MPI	ME7.3H4M EOBD BELGIUM	C/D	•	RA
Stilo	2003 - 2007	843.A1.000	1.4L 16V MPI	ME7.3H4M EOBD	C/D	•	RA
Stilo	2003 - 2007	937.A4.000	1.9L 16V TD	EDC16 CF3 FAST FRANCE	C/D	•	
Stilo	2006 - 2007	192.A8.000	1.9L JTD	EDC16C39 CF4	C/D	•	*,I,P,R
Strada	2000 - 2001	178.B5.000	1.2L MPI	IAW 18F	C/D	•	
Strada	2000 - 2005	176.A3.000	1.7L TD	EGR BITRON 1xx	C/D	•	
Strada	2000 - 2005	176.A3.000	1.7L TD	EGR MCR 1xx	C/D	•	
Strada	2000 - 2005	188.A4.000	1.2L MPI	IAW 4AF EOBD	C/D	•	RA
Strada	2000 - 2005	188.A4.000	1.2L MPI	IAW 4EF EOBD	C/D	•	RA
Strada	2000 - 2005	188.A4.000	1.2L MPI	IAW 59F EOBD	C/D	•	RA
Strada	2000 - 2005	188.A4.000	1.2L MPI	IAW 5AF EOBD	C/D	•	RA
Strada	2000 - 2005	223.A6.000	1.9L DIESEL	LUCAS DCU3F	C/D	•	
Strada	2001 - 2005	188.A2.000	1.9L TD	EDC15 CF3 FAST	C/D	•	
Strada	2001 - 2005	188.A2.000	1.9L TD	EDC15 CF3 SLOW	C/D	•	
Strada	2003 - 2005	188.A9.000	1.3L 16V JTD	MM 6JF CF3 TEST	C/D	•	
Talento	1995 - 1995	149.B1.000	1.9L Diesel	NOTHING			
Talento	1995 - 1995	170.B	2.0L Carbureted	NOTHING			
Tempra	1995 - 1996		1.6L CPI IAW	IAW 16F	C/D	•	
Tempra	1995 - 1996		1.6L CPI IAW	IAW 16F KEYLOCK	C/D	•	
Tempra	1995 - 1996		1.6L CPI IAW	IAW 6F	C/D	•	
Tempra	1995 - 1996		1.6L CPI IAW	IAW 6F ENHANCED	C/D	•	
Tempra	1995 - 1996	159.A2.000	1.4L Carbureted	WEBER 32-34 TLDE			
Tempra	1995 - 1996	159.A3.048	1.6L CPI	MONO-JETRONIC 1	C/D	•	
Tempra	1995 - 1996	159.A3.048	1.6L CPI	MONO-JETRONIC 2	C/D	•	
Tempra	1995 - 1996	159.B9.000	1.6L MPI	AC DELCO	C/D	•	
Tempra	1995 - 1996	159.B9.000	1.6L MPI	AC DELCO KEYCODE	C/D	•	
Tempra	1995 - 1996	160.A1.046	1.4L CPI	MONO-JETRONIC 1	C/D	•	
Tempra	1995 - 1996	160.A1.046	1.4L CPI	MONO-JETRONIC 2	C/D	•	
Tempra	1995 - 1996	836.A4.000	1.4L CPI	MA1.7	C/D	•	
Tempra	1995 - 1996	836.A4.000	1.4L CPI	MA1.7 KEYLOCK	C/D	•	
Tempra	1995 - 1997	160.A6.000	1.9L TD	NOTHING			
Tempra	1995 - 1997	160.A7.000	1.9L Diesel	NOTHING			
Tempra	1995 - 1997	160.D1.000	1.9L TD	EGR MCR 1xx	C/D	•	
Tempra	1995 - 1997	835.C1.000	1.6L CPI	MA1.7	C/D	•	
Tempra	1995 - 1997	835.C1.000	1.6L CPI	MA1.7 KEYLOCK	C/D	•	
Tempra	1995 - 1997	835.C2.000	1.8L MPI	IAW 18F KEYCODE	C/D	•	
Tempra	1995 - 1997	835.C2.000	1.8L MPI	IAW 8F / IAW P8 ALSO!!!	C/D	•	
Tempra	1995 - 1997	835.C4.000	1.8L MPI	IAW 18F KEYCODE	C/D	•	
Tempra	1995 - 1997	835.C4.000	1.8L MPI	IAW 8F / IAW P8 ALSO!!!	C/D	•	
Tempra	1995 - 1997	836.A5.000	1.8L MPI	IAW 18F KEYCODE	C/D	•	
Tempra	1995 - 1997	836.A5.000	1.8L MPI	IAW 8F / IAW P8 ALSO!!!	C/D	•	

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Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Tempra	1997 - 1997	160.A1.000	1.4L CPI	IAW 16F	C/D	•	
Tempra	1997 - 1997	160.A1.000	1.4L CPI	IAW 16F KEYLOCK	C/D	•	
Tempra	1997 - 1997	160.A1.000	1.4L CPI	IAW 6F	C/D	•	
Tempra	1997 - 1997	160.A1.000	1.4L CPI	IAW 6F ENHANCED	C/D	•	
Tipo	1995 - 1995	149.B4.000	1.7L Diesel	BOSCH/CAV			
Tipo	1995 - 1995	156.C.046	1.1L CPI	MA1.7	C/D	•	
Tipo	1995 - 1995	156.C.046	1.1L CPI	MONO-JETRONIC 1	C/D	•	
Tipo	1995 - 1995	156.C.046	1.1L CPI	MONO-JETRONIC 2	C/D	•	
Tipo	1995 - 1995	159.A2.000	1.4L Carbureted	WEBER 32-34 TLDE			
Tipo	1995 - 1995	159.A3.000	1.6L Carbureted	WEBER 32-34 TLDE			
Tipo	1995 - 1995	159.A3.048	1.6L CPI	MONO-JETRONIC 1	C/D	•	
Tipo	1995 - 1995	159.A3.048	1.6L CPI	MONO-JETRONIC 2	C/D	•	
Tipo	1995 - 1995	160.A1.046	1.4L CPI	MA1.7	C/D	•	
Tipo	1995 - 1995	160.A1.046	1.4L CPI	MONO-JETRONIC 1	C/D	•	
Tipo	1995 - 1995	160.A1.046	1.4L CPI	MONO-JETRONIC 2	C/D	•	
Tipo	1995 - 1995	160.A6.000	1.9L TD	NOTHING			
Tipo	1995 - 1995	160.A7.000	1.9L Diesel	BOSCH/CAV			
Tipo	1995 - 1995	160.D1.000	1.9L TD	EGR MCR 1xx	C/D	•	
Tipo	1995 - 1995	160.E2.011	1.6L CPI	MA1.7	C/D	•	
Tipo	1995 - 1995	835.C1.000	1.6L CPI	MA1.7	C/D	•	
Tipo	1995 - 1995	835.C2.000	1.8L MPI	IAW 8F	C/D	•	
Tipo	1995 - 1995	835.C4.000	1.8L MPI	IAW 8F	C/D	•	
Tipo	1995 - 1995	836.A3.000	2.0L 16V MPI	IAW 4Q1	C/D	•	
Tipo	1995 - 1995	836.A3.011	2.0L 16V MPI	IAW 4Q1	C/D	•	
Tipo	1995 - 1995	836.A4.000	1.4L CPI	MA1.7	C/D	•	
Tipo	1995 - 1995	836.A5.000	1.8L MPI	IAW 18F KEYCODE	C/D	•	
Tipo	1995 - 1995	836.A5.000	1.8L MPI	IAW 8F	C/D	•	
Tipo	1995 - 1995	836.A6.000	1.8L MPI	IAW 18F KEYCODE	C/D	•	
Tipo	1995 - 1995	836.A6.000	1.8L MPI	IAW 8F	C/D	•	
Tipo	1995 - 1997		1.6L CPI IAW	IAW 16F	C/D	•	
Tipo	1995 - 1997		1.6L CPI IAW	IAW 16F KEYLOCK	C/D	•	
Tipo	1995 - 1997		1.6L CPI IAW	IAW 6F	C/D	•	
Tipo	1995 - 1997		1.6L CPI IAW	IAW 6F ENHANCED	C/D	•	
Tipo	1995 - 1997	160.A1.000	1.4L CPI	IAW 16F	C/D	•	
Tipo	1995 - 1997	160.A1.000	1.4L CPI	IAW 16F KEYLOCK	C/D	•	
Tipo	1995 - 1997	160.A1.000	1.4L CPI	IAW 6F	C/D	•	
Tipo	1995 - 1997	160.A1.000	1.4L CPI	IAW 6F ENHANCED	C/D	•	
Ulysse	2006 - 2006	4HW	2.2L 16V JTD	EDC15 PSA	C/D	•	
Ulysse	2006 - 2006	RHK	2.0L 16V JTD	EDC15 PSA	C/D	•	
Ulysse (179)	2002 - 2005	179*XA**	2.0L 16V MPI	MM48P2 PSA	C/D	•	
Ulysse (179)	2002 - 2005	179*XA**	2.0L 16V MPI	MM4MP2 PSA	C/D	•	
Ulysse (179)	2002 - 2005	179*XA**	2.0L 16V MPI	MM6LP PSA	C/D	•	
Ulysse (179)	2002 - 2005	179*XB**	2.0L 16V JTD	EDC15 PSA	C/D	•	
Ulysse (179)	2002 - 2005	179*XC**	2.2L 16V JTD	EDC15 PSA	C/D	•	
Ulysse (179)	2002 - 2005	179*XD**	3.0L 24V MPI	ME7.4.6 PSA	C/D	•	
Ulysse (179)	2002 - 2005	179*XF**	2.0L 16V JTD	EDC15 PSA	C/D	•	
Ulysse (220)	1995 - 1999	220*E5**	1.9L TD	NOTHING			
Ulysse (220)	1995 - 2000	220*D5	2.0L Turbo	MP3.2	C/D	•	
Ulysse (220)	1995 - 2000	220AC5	2.0L MPI	MM8P PSA	C/D	•	
Ulysse (220)	1995 - 2000	220AH*	1.9L TD	AS3.1	C/D	•	
Ulysse (220)	1995 - 2000	220AJ5	2.1L TD	LUCAS EPIC J5	C/D	•	
Ulysse (220)	1996 - 2000	220BB5	1.8L MPI	MM8P PSA	C/D	•	
Ulysse (220)	1998 - 2001	220AL5	2.0L 16V MPI	MP7.3 PSA	C/D	•	
Ulysse (220)	1998 - 2001	220AV5	2.0L 16V MPI	MP7.3 PSA	C/D	•	
Ulysse (220)	1999 - 2001	220AN5	2.0L JTD	EDC15 PSA	C/D	•	
Ulysse (220)	2000 - 2002	220*R5**	2.0L 16V JTD	EDC15 PSA	C/D	•	
Ulysse (220)	2000 - 2002	220AQ*	2.0L 16V MPI	MM48P PSA	C/D	•	
Ulysse Restyle	2006 - 2007	4HW	2.2L 16V JTD	SIEM. SID803	C/D	•	
Ulysse Restyle	2006 - 2013	4HW	2.2L 16V JTD	EDC15 PSA	C/D	•	

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- EGR, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, A- Type/Year or Type-Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



## Engine Management Applications

FIAT								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Ulysse Restyle	2006 - 2013	RHK	2.0L 16V JTD	EDC15 PSA	C/D	•		
Ulysse Restyle	2006 - 2013	RHK	2.0L 16V JTD	SIEM. SID803	C/D	•		
Uno	1995 - 1995	146.A8.046	1.4L L3.1 Jet Turbo	L3.x-JETRONIC	C/D			
Uno	1995 - 1995	146.B3.000	1.4L TD	NOTHING				
Uno	1995 - 1995	146.C3.000	1.1L CPI	MA1.7	C/D	•		
Uno	1995 - 1995	146.C3.000	1.1L CPI	MONO-JETRONIC 1	C/D			
Uno	1995 - 1995	146.C3.000	1.1L CPI	MONO-JETRONIC 2	C/D			
Uno	1995 - 1995	149.C1.000	1.5L CPI	MONO-JETRONIC 1	C/D			
Uno	1995 - 1995	149.C1.000	1.5L CPI	MONO-JETRONIC 2	C/D			
Uno	1995 - 1995	156.C.046	1.1L CPI	MA1.7	C/D	•		
Uno	1995 - 1995	156.C.046	1.1L CPI	MONO-JETRONIC 1	C/D			
Uno	1995 - 1995	156.C.046	1.1L CPI	MONO-JETRONIC 2	C/D			
Uno	1995 - 1995	160.A1.048	1.4L Carbureted	WEBER DMTR				
Uno	1995 - 1996	146.C7.000	1.0L CPI	IAW G7.11				
Uno	1995 - 1996	149.B5.046	1.7L Diesel	CAV				
Uno	1995 - 2005	146.A2.166	1.0L Carbureted	WEBER 32ICEV				
Uno	1995 - 2005	146.B2.000	1.7L Diesel	NOTHING				
Uno	1995 - 2005	146.C2.028	1.4L Carbureted	WEBER DMTR				
Uno	1995 - 2005	146.D8.000	1.0L CPI	MA1.7	C/D	•		
Uno	1995 - 2005	156.A2.246	1.0L CPI	MA1.7	C/D	•		
Uno	1995 - 2005	156.A2.246	1.0L CPI	MONO-JETRONIC 1	C/D			
Uno	1995 - 2005	156.A2.246	1.0L CPI	MONO-JETRONIC 2	C/D			
Uno	1995 - 2005	160.A3.000	1.1L Carbureted	WEBER 32TLF				
Uno	1995 - 2005	178.D5.066	1.2L CPI	IAW 16F	C/D	•		
Uno	1995 - 2005	178.D5.066	1.2L CPI	IAW 16F KEYLOCK	C/D	•		

## Airbag

FIAT								
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions			
500	2007 - 2013	CONTINENTAL Airbag(EP)	C/D	•				
500	2007 - 2013	SIEMENS EP-PROXI	C/D	•	•			
500L	2012 - 2013	Continental Airbag	C/D					
Barchetta	1995 - 2001	TRW MY 97 3-PIN	C/D					
Barchetta	1995 - 2001	TRW2 WITH PRETENSIONERS	C/D					
Barchetta	1998 - 2005	TRW MY 97 16-PIN	C/D					
Brava/Bravo	1995 - 2002	BREED	C/D					
Brava/Bravo	1996 - 2002	BREED MY 97 3-PIN	C/D					
Brava/Bravo	2000 - 2002	BREED MY 97 16-PIN	C/D					
Bravo	2007 - 2013	SIEMENS AIRBAG 1 (PROXI)	C/D	•				
Coupe	1995 - 2000	TRW2	C/D					
Coupe	1995 - 2001	TRW MY 97 3-PIN	C/D					
Coupe	1998 - 2002	TRW MY 97 16-PIN	C/D					
Croma Restyle	2006 - 2013	TRW MY 03	C/D		•			
Doblo	2000 - 2002	AUTOLIV MY 99 16-PIN	C/D					
Doblo (263)	2010 - 2013	Bosch Airbag(EP)	C/D	•				
Doblo (263)	2010 - 2013	Bosch Airbag(EP) 2	C/D	•				
Doblo Cargo (223)	2001 - 2012	AUTOLIV MY 99 16-PIN	C/D					
Ducato (230)	1995 - 1999	BREED WITH PRETENSIONER	C/D	•				
Ducato (230)	1997 - 2001	BREED MY 97 3-PIN	C/D					
Ducato '06	2006 - 2012	TRW1	C/D					
Ducato FL (250)	2011 - 2013	TRW (EP-Proxy) 2	C/D					
Ducato Restyle (244)	2001 - 2006	SIEMENS MY 99	C/D	•				
Fiorino '08	2008 - 2013	AUTOLIV AIRBAG(PROXI)	C/D	•				
Freemont	2012 - 2013	ORC 4101	C/D					
Idea	2003 - 2013	TRW MY 03	C/D		•			
Marea	1995 - 1999	ALLIED SIGNAL	C/D	•				
Marea	1997 - 2002	ALLIED MY 97 3-PIN	C/D					
Marea	1997 - 2002	BREED MY 97 3-PIN	C/D					
Marea	2000 - 2002	ALLIED MY 97 16-PIN	C/D					
Marea	2000 - 2002	BREED MY 97 16-PIN	C/D					
Marengo	1995 - 1999	ALLIED SIGNAL	C/D	•				
Marengo	1997 - 2002	ALLIED MY 97 3-PIN	C/D					
Marengo	1997 - 2002	BREED MY 97 3-PIN	C/D					
Marengo	2000 - 2002	ALLIED MY 97 16-PIN	C/D					
Marengo	2000 - 2002	BREED MY 97 16-PIN	C/D					
Multipla	1998 - 2013	BREED MY 97	C/D					
Multipla	1998 - 2013	SIEMENS MY 99	C/D	•				
Palio/Siena/Albea	1997 - 1999	TRW2	C/D					
Palio/Siena/Albea	1997 - 2007	TRW MY 97 3-PIN	C/D					
Palio/Siena/Albea	2000 - 2007	TRW MY 97 16-PIN	C/D					
Panda (100 Hp)	2008 - 2013	TRW MY 99	C/D					
Panda (100 Hp)	2011 - 2013	TRW (EP-Proxy) 3	C/D					
Panda (169)	2003 - 2013	TRW MY 99	C/D					
Panda (169)	2010 - 2013	TRW (EP-Proxy) 3	C/D					
Panda (312)	2012 - 2013	ORC	C/D					
Punto	1996 - 2000	TRW2	C/D					
Punto	1996 - 2000	TRW2 WITH PRETENSIONERS	C/D					
Punto	1996 - 2002	TRW MY 97 3-PIN	C/D					
Punto	1999 - 2005	TRW MY 97 16-PIN	C/D					
Punto	1999 - 2005	TRW MY 99 16-PIN	C/D					
Punto Evo	2010 - 2013	CONTINENTAL Airbag(EP)	C/D	•				
Punto Evo	2010 - 2013	TRW EP-PROXI	C/D		•			
Punto Grande	2005 - 2013	TRW EP-PROXI	C/D		•			
Qubo	2008 - 2013	AUTOLIV AIRBAG(PROXI)	C/D	•				

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, RA- Return of Type Sem Auto, \*- Other (see table on page 263) Dark grey lines indicate new content at 1.4.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Airbag

FIAT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Scudo	1996 - 2007	AUTOLIV	C/D		
Scudo	1998 - 2007	AUTOLIV ACU	C/D		
Scudo '07	2007 - 2013	TEMIC AIRBAG	C/D		
Sedici	2006 - 2013	SIEMENS AIRBAG SZK	C/D		
Seicento	1997 - 2001	TRW MY 97 3-PIN	C/D		
Seicento	2000 - 2005	TRW MY 97 16-PIN	C/D		
Stilo	2001 - 2007	SIEMENS MY 99 16-PIN	C/D	•	
Strada	2000 - 2005	TRW MY 97 3-PIN	C/D		
Strada	2001 - 2005	TRW MY 97 16-PIN	C/D		
Ulysse	2006 - 2006	TEMIC (THROUGH CENTRAL)	C/D		
Ulysse (179)	2002 - 2005	TEMIC (THROUGH CENTRAL)	C/D		
Ulysse (220)	1995 - 2002	AUTOLIV	C/D		
Ulysse (220)	1998 - 2002	AUTOLIV ACU	C/D		
Ulysse Restyle	2006 - 2013	SAC_TEMIC	C/D		

## Antilock Brakes

FIAT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
500	2007 - 2013	ABS BOSCH 8 ESP	C/D	•	•,S
500L	2012 - 2013	TRW EBC 460	C/D	•	
Barchetta	1995 - 1997	ABS BOSCH 2SI	C/D		
Barchetta	1995 - 1997	ABS BOSCH 5.3	C/D		
Barchetta	1998 - 2001	ABS BOSCH 5.3 3-PIN	C/D		
Barchetta	1998 - 2005	ABS BOSCH 5.3 16-PIN	C/D		
Brava/Bravo	1996 - 1999	ABS TEVES MK20B	C/D	•	
Brava/Bravo	2000 - 2002	ABS TEVES MK20B 16-PIN	C/D		
Brava/Bravo	2000 - 2002	ABS TEVES MK20B 3-PIN	C/D		
Bravo	2007 - 2013	ABS BOSCH 8 ASR	C/D	•	
Bravo	2007 - 2013	BOSCH 8 ABS	C/D	•	
Bravo	2007 - 2013	BOSCH 8 VDC ABS	C/D	•	•,S
Coupe	1995 - 1997	ABS BOSCH 2E	C/D		
Coupe	1995 - 2001	ABS BOSCH 5.3 3-PIN	C/D		
Coupe	1998 - 2002	ABS BOSCH 5.3 16-PIN	C/D		
Croma	1995 - 1997	ABS BOSCH 2E	C/D		
Croma	1995 - 1997	ABS BOSCH 5.3 3-PIN	C/D		
Croma Restyle	2006 - 2013	LUCAS ESP	C/D	•	•,S
Croma Restyle	2006 - 2013	LUCAS TRW	C/D	•	
Doblo	2000 - 2002	ABS TEVES MK20B	C/D	•	
Doblo (263)	2010 - 2013	Continental MK60EC ABS (EP)	C/D	•	•,S
Doblo Cargo (223)	2001 - 2012	ABS TEVES MK20B	C/D	•	
Ducato (230)	1995 - 1999	ABS BENDIX-ISO	C/D		
Ducato (230)	1995 - 2001	ABS BOSCH 5.3	C/D		
Ducato '06	2006 - 2012	BOSCH 8 ABS	C/D	•	
Ducato '06	2006 - 2012	BOSCH 8 ASR ABS	C/D	•	
Ducato '06	2006 - 2012	BOSCH 8 VDC ABS	C/D	•	•,S
Ducato FL (250)	2011 - 2013	Bosch ABS 9 (EP)	C/D	•	
Ducato Restyle (244)	2001 - 2006	ABS BOSCH 5.3	C/D		
Ducato Restyle (244)	2001 - 2006	ABS BOSCH 5.3 4X4	C/D		
Fiorino '08	2008 - 2013	ABS BOSCH 8 ESP	C/D	•	•,S
Freemont	2012 - 2013	ABS 4005	C/D	•	
Freemont	2012 - 2013	ABS 4006	C/D		
Idea	2003 - 2013	ABS BOSCH 8	C/D		

## Antilock Brakes Continued

FIAT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Idea	2003 - 2013	ABS BOSCH 8 VDC	C/D	•	•,S
Marea	1995 - 1999	LUCAS ABS	C/D	•	
Marea	1996 - 2002	LUCAS EBC 430	C/D	•	
Marea	2000 - 2002	LUCAS EBC 430	C/D		
Marea	2000 - 2002	LUCAS EBC 430 16-PIN	C/D		
Marengo	1995 - 1999	LUCAS ABS	C/D	•	
Marengo	1996 - 1999	LUCAS EBC 430	C/D	•	
Marengo	2000 - 2002	LUCAS EBC 430 16-PIN	C/D		
Marengo	2000 - 2002	LUCAS EBC 430 3-PIN	C/D		
Multipla	1998 - 2013	ABS BOSCH 5.3	C/D		
Multipla	2001 - 2013	ABS BOSCH 5.7 VDC	C/D	•	•,S
Palio/Siena/Albea	1997 - 1999	ABS BOSCH 5.3	C/D		
Palio/Siena/Albea	2000 - 2007	ABS BOSCH 5.3 16-PIN	C/D		
Palio/Siena/Albea	2000 - 2007	ABS BOSCH 5.3 3-PIN	C/D		
Panda (100 Hp)	2008 - 2013	ABS BOSCH 8	C/D		
Panda (100 Hp)	2008 - 2013	ABS BOSCH 8 VDC	C/D	•	•,S
Panda (100 Hp)	2008 - 2013	BOSCH 8 ABS	C/D	•	
Panda (169)	2003 - 2013	ABS BOSCH 8	C/D		
Panda (169)	2003 - 2013	ABS BOSCH 8 VDC	C/D	•	•,S
Panda (312)	2012 - 2013	ABS	C/D	•	
Punto	1995 - 1998	ABS BOSCH 2E	C/D		
Punto	1995 - 2002	ABS BOSCH 5.3 3-PIN	C/D		
Punto	1999 - 2002	ABS BOSCH 5.3 TC 3-PIN	C/D		
Punto	1999 - 2005	ABS BOSCH 5.3 16-PIN	C/D		
Punto	1999 - 2005	ABS BOSCH 5.3 TC 16-PIN	C/D		
Punto	2003 - 2005	ABS BOSCH 8	C/D	•	
Punto	2003 - 2005	ABS BOSCH 8 VDC	C/D	•	•,S
Punto Evo	2010 - 2013	ABS BOSCH 8 ESP	C/D	•	•,S
Punto Grande	2005 - 2013	ABS BOSCH 8 ESP	C/D	•	•,S
Qubo	2008 - 2013	ABS BOSCH 8 ESP	C/D	•	•,S
Scudo	1996 - 1997	ABS BENDIX (PSA)	C/D		
Scudo	1996 - 2007	ABS 5.3 PSA	C/D		
Scudo '07	2007 - 2013	BOSCH ABS 8 ESP PSA 2	C/D	•	
Scudo '07	2007 - 2013	BOSCH ABS 8 PSA	C/D	•	
Sedici	2006 - 2013	ABS ESP SZK	C/D		
Sedici	2006 - 2013	ABS SZK	C/D		
Seicento	1997 - 1999	ABS BOSCH 5.3	C/D		
Seicento	2000 - 2001	ABS BOSCH 5.3 3-PIN	C/D		
Seicento	2000 - 2005	ABS BOSCH 5.3 16-PIN	C/D		
Stilo	2001 - 2007	ABS BOSCH 5.7	C/D		
Stilo	2001 - 2007	ABS BOSCH 5.7 ASR	C/D		
Stilo	2001 - 2007	ABS BOSCH 5.7 VDC	C/D	•	•,S
Stilo	2001 - 2007	ABS BOSCH 8	C/D		
Stilo	2001 - 2007	ABS BOSCH 8 VDC	C/D	•	•,S
Strada	2000 - 2000	ABS BOSCH 5.3	C/D		
Strada	2001 - 2005	ABS BOSCH 5.3 16-PIN	C/D		
Strada	2001 - 2005	ABS BOSCH 5.3 3-PIN	C/D		
Tempra	1995 - 1997	ABS BOSCH 2E	C/D		
Tipo	1995 - 1995	ABS BOSCH 2E	C/D		
Ulysse	2006 - 2006	ABS 5.7 ESP PSA	C/D	•	
Ulysse	2006 - 2006	ABS 5.7 PSA	C/D		
Ulysse (179)	2002 - 2005	ABS 5.7 ESP PSA	C/D	•	
Ulysse (179)	2002 - 2005	ABS 5.7 PSA	C/D		
Ulysse (220)	1995 - 1997	ABS BENDIX (PSA)	C/D		
Ulysse (220)	1995 - 2002	ABS 5.3 PSA	C/D		
Ulysse Restyle	2006 - 2013	ESP8_BOSCH	C/D		
Uno	1995 - 1995	ABS BOSCH 2SI	C/D		

## Auto Transmission

FIAT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
500	2007 - 2013	Marelli Selespeed CFC328	C/D	•	
500L	2012 - 2013	Marelli Selespeed CFC328	C/D	•	
Brava/Bravo	1995 - 2002	AISIN (ISO-81)	C/D		
Croma Restyle	2006 - 2013	AISIN AF40-6	C/D	•	
Croma Restyle	2006 - 2013	AISIN YLII 5 AUTOMATICG. BOX	C/D	•	
Ducato Restyle (244)	2001 - 2006	ZF 4HP20 KW2000 FAST	C/D		
Ducato Restyle (244)	2001 - 2006	ZF 4HP20 KW2000 SLOW	C/D		
Freemont	2012 - 2013	TCM 23A4	C/D		
Freemont	2012 - 2013	TCM 23A5	C/D	•	
Freemont	2012 - 2013	TCM 23A6	C/D		
Freemont	2012 - 2013	TCM 25C0	C/D	•	
Idea	2003 - 2013	SELESPEED CFC208F(1)	C/D	•	
Idea	2003 - 2013	SELESPEED CFC228F	C/D	•	•,R
Marea	1995 - 2002	AISIN (ISO-81)	C/D		
Palio/Siena/Albea	1999 - 2007	FUJI SG-CVT FAST	C/D		
Palio/Siena/Albea	1999 - 2007	FUJI SG-CVT SLOW	C/D		
Panda (100 Hp)	2008 - 2013	SELESPEED CFC228F	C/D	•	•,R
Panda (169)	2003 - 2013	SELESPEED CFC228F	C/D	•	•,R
Punto	1999 - 2005	FUJI SG-CVT FAST	C/D		
Punto	1999 - 2005	FUJI SG-CVT SLOW	C/D		
Punto	1999 - 2005	SELESPEED CFC208F (1)	C/D	•	•,R
Punto	1999 - 2005	SELESPEED CFC228F	C/D	•	•,R
Punto Evo	2010 - 2013	Marelli Selespeed CFC328	C/D	•	
Punto Grande	2005 - 2013	Marelli Selespeed CFC328	C/D	•	
Scudo	2000 - 2007	AL4 TA2000	C/D		
Scudo	2000 - 2007	AL4 TA2000 V	C/D		
Scudo	2000 - 2007	AL4 TA2000 V2	C/D		
Sedici	2006 - 2013	Automatic Gearbox SZK 2	C/D	•	
Stilo	2001 - 2007	SELESPEED CFC209F	C/D	•	
Ulysse	2006 - 2006	AL4 TA2000 V PSA	C/D	•	
Ulysse (179)	2002 - 2005	AL4 TA2000 V FAST	C/D		
Ulysse (179)	2002 - 2005	AL4 TA2000 V SLOW	C/D		
Ulysse (179)	2002 - 2005	AL4 TA2000 V2 FAST	C/D		
Ulysse (179)	2002 - 2005	AL4 TA2000 V2 SLOW	C/D		
Ulysse (179)	2002 - 2005	ZF 4HP20 KW2000 PSA FAST	C/D	•	
Ulysse (179)	2002 - 2005	ZF 4HP20 KW2000 PSA SLOW	C/D	•	
Ulysse (220)	2000 - 2002	AL4 TA2000	C/D		
Ulysse Restyle	2006 - 2013	AL4 TA2000 V PSA	C/D	•	

Key: (S) Special Functions; (B) Brake Bleed; (SS) Brake Service; (C) Crash Data; (CF) Configuration; (E) ECU; (F) Flywheel; (I) Injector Coding; (O) Oil reset for DPF; (P) Particulate Filter; (R) Return; (RA) Reset Adaptations; (S) Steering Angle Sensor; (I) Inertia Body/Rearm; (A) Type/Actuator/Type Semi Auto; (•) Other (see table on page 26) (Dark grey lines indicate new content at 1/4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

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 Key: Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering/Angle Sensor, E: Electronic Body Return, A: Type/Year or Type Semi Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 1/4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Instrument Panel

FIAT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
500	2007 - 2013	Marelli Instrument Panel 2	C/D	•	•
Bravo	2007 - 2013	Marelli Instrument Panel 3	C/D	•	•
Croma Restyle	2006 - 2013	Instrument Panel Marelli 2	C/D	•	•
Doblo	2000 - 2002	Marelli Cluster	C/D	•	•
Doblo	2000 - 2002	Marelli Comfort	C/D	•	•
Doblo	2000 - 2002	Strip/Modale	C/D	•	•
Doblo (263)	2010 - 2013	MARELLI CLUSTER(EP)3	C/D	•	•
Doblo Cargo (223)	2001 - 2012	Marelli Cluster	C/D	•	•
Doblo Cargo (223)	2001 - 2012	Marelli Comfort	C/D	•	•
Doblo Cargo (223)	2001 - 2012	Strip/Modale	C/D	•	•
Fiorino '08	2008 - 2013	MARELLI CLUSTER(EP)	C/D	•	•
Fiorino '08	2008 - 2013	MARELLI CLUSTER(EP)3	C/D	•	•
Freemont	2012 - 2013	IPC 4102	C/D	•	•
Idea	2003 - 2013	Marelli Instrument Panel(Comfort)	C/D	•	•
Idea	2003 - 2013	Marelli Instrument Panel(Modal)	C/D	•	•
Palio/Siena/Albea	2000 - 2007	Marelli Cluster (Palio RST)	C/D	•	•
Palio/Siena/Albea	2000 - 2007	Marelli Instrument Panel (Palio RST2)	C/D	•	•
Panda (100 Hp)	2008 - 2013	Marelli Instrument Panel(Comfort)	C/D	•	•
Panda (100 Hp)	2008 - 2013	Strip/Modale	C/D	•	•
Panda (169)	2003 - 2013	Marelli Instrument Panel(Comfort)	C/D	•	•
Panda (169)	2003 - 2013	Strip/Modale	C/D	•	•
Punto	2000 - 2005	Marelli Cluster	C/D	•	•
Punto	2000 - 2005	Marelli Comfort	C/D	•	•
Punto	2000 - 2005	Strip/Modale	C/D	•	•
Punto Evo	2010 - 2013	MARELLI CLUSTER(EP)	C/D	•	•
Punto Evo	2010 - 2013	MARELLI CLUSTER(EP)3	C/D	•	•
Punto Grande	2005 - 2013	MARELLI CLUSTER(EP)	C/D	•	•
Punto Grande	2005 - 2013	MARELLI CLUSTER(EP)3	C/D	•	•
Qubo	2008 - 2013	MARELLI CLUSTER(EP)	C/D	•	•
Qubo	2008 - 2013	MARELLI CLUSTER(EP)3	C/D	•	•
Stilo	2001 - 2007	Visteon Instrument Panel	C/D	•	•

## Other

FIAT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
500	2007 - 2013	DENSO Single-Zone Climate Control (EP)	C/D	•	Airco
Bravo	2007 - 2013	Marelli Climate Control	C/D	•	Airco
Croma Restyle	2006 - 2013	Valeo Climate Control(Two-zone)	C/D	•	Airco
Doblo (263)	2010 - 2013	Denso 3 Mono Zone Climate Control (EP)	C/D	•	Airco
Punto Evo	2010 - 2013	Denso 2 Single-Zone Climate Control(EP)	C/D	•	Airco
Punto Evo	2010 - 2013	Denso Climate Control(EP)	C/D	•	Airco
Punto Grande	2005 - 2013	Denso 2 Single-Zone Climate Control(EP)	C/D	•	Airco
Punto Grande	2005 - 2013	Denso Climate Control(EP)	C/D	•	Airco
Sedici	2006 - 2013	Denso SZK Climate Control	C/D	•	Airco
Stilo	2001 - 2007	Marelli Climate Control	C/D	•	Airco
Ulysse	2006 - 2006	PSA Denso Climate Control(CAN)	C/D	•	Airco
Ulysse (179)	2002 - 2005	PSA Denso Climate Control(CAN)	C/D	•	Airco
Ulysse Restyle	2006 - 2013	PSA Denso Climate Control(CAN)	C/D	•	Airco
Ulysse (179)	2002 - 2005	DIESEL ADDITIVE THROUGH CENTRAL	C/D	•	BLM CUTOFF
Strada	2000 - 2005	BLM CUTOFF ECU	C/D	•	BLM CUTOFF
Tempra	1995 - 1997	BLM CUTOFF ECU	C/D	•	BLM CUTOFF
Ducato (230)	1995 - 2001	BLM CUTOFF ECU	C/D	•	BLM CUTOFF
Fiorino	1995 - 2006	BLM CUTOFF ECU	C/D	•	BLM CUTOFF
Fiorino	1997 - 2006	SM6 CUTOFF	C/D	•	BLM CUTOFF
Brava/Bravo	1995 - 2000	100HP BLM CUTOFF	C/D	•	BLM CUTOFF
Brava/Bravo	1995 - 2000	BLM CUTOFF ECU	C/D	•	BLM CUTOFF
Croma	1995 - 1997	BLM CUTOFF ECU	C/D	•	BLM CUTOFF
Marea	1995 - 2000	100HP BLM CUTOFF	C/D	•	BLM CUTOFF
Marea	1995 - 2000	BLM CUTOFF ECU	C/D	•	BLM CUTOFF
Marengo	1995 - 2000	100HP BLM CUTOFF	C/D	•	BLM CUTOFF
Marengo	1995 - 2000	BLM CUTOFF ECU	C/D	•	BLM CUTOFF
Palio/Siena/Albea	1997 - 2007	BLM CUTOFF ECU	C/D	•	BLM CUTOFF
Palio/Siena/Albea	1997 - 2007	SM6 CUTOFF	C/D	•	BLM CUTOFF
Punto	1995 - 1999	BLM CUTOFF ECU	C/D	•	BLM CUTOFF
Punto	2000 - 2005	Delphi/Marelli Body Computer	C/D	•	Body Computer
Punto	2000 - 2005	Marelli Body Computer MY 03	C/D	•	Body Computer
Panda (169)	2003 - 2013	Siemens Body Computer	C/D	•	Body Computer
Palio/Siena/Albea	2000 - 2007	Delphi/Marelli Body Computer	C/D	•	Body Computer
Palio/Siena/Albea	2000 - 2007	Marelli Body Computer 2	C/D	•	Body Computer

## Other Continued

FIAT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Panda (100 Hp)	2008 - 2013	Siemens Body Computer	C/D	•	Body Computer
Idea	2003 - 2013	Marelli Body Computer 1	C/D	•	Body Computer
Fiorino '08	2008 - 2013	Delphi Body Computer (EP) 2	C/D	•	Body Computer
Croma Restyle	2006 - 2013	Body Computer Marelli 3	C/D	•	Body Computer
Bravo	2007 - 2013	Marelli Body Computer 8	C/D	•	Body Computer
500	2007 - 2013	Delphi Body Computer (EP) 2	C/D	•	Body Computer
Doblo Cargo (223)	2005 - 2005	Delphi Body Computer (EP) 5	C/D	•	Body Computer
Ducato '06	2006 - 2012	Marelli Body Computer 6	C/D	•	Body Computer
Doblo (263)	2010 - 2013	Delphi Body Computer (EP) 5	C/D	•	Body Computer
Doblo Cargo (223)	2001 - 2012	Delphi/Marelli Body Computer	C/D	•	Body Computer
Doblo Cargo (223)	2001 - 2012	Marelli Body Computer MY 03	C/D	•	Body Computer
Doblo	2000 - 2002	Delphi/Marelli Body Computer	C/D	•	Body Computer
Doblo	2000 - 2002	Marelli Body Computer MY 03	C/D	•	Body Computer
Stilo	2001 - 2007	Marelli MF Body Computer	C/D	•	Body Computer
Punto Grande	2005 - 2013	Delphi Body Computer (EP)	C/D	•	Body Computer
Punto Grande	2005 - 2013	Delphi Body Computer(EP)4	C/D	•	Body Computer
Qubo	2008 - 2013	Delphi Body Computer (EP) 2	C/D	•	Body Computer
Scudo '07	2007 - 2013	BSI JCAE VERSION 10.20	C/D	•	Body Computer
Scudo '07	2007 - 2013	BSI JCAE VERSION 11.23	C/D	•	Body Computer
Scudo '07	2007 - 2013	BSI JCAE VERSION 11.50	C/D	•	Body Computer
Scudo '07	2007 - 2013	BSI JCAE VERSION 3.12	C/D	•	Body Computer
Scudo '07	2007 - 2013	BSI JCAE VERSION 5.10	C/D	•	Body Computer
Punto Evo	2010 - 2013	Delphi Body Computer (EP)	C/D	•	Body Computer
Punto Evo	2010 - 2013	Delphi Body Computer(EP)4	C/D	•	Body Computer
Freemont	2012 - 2013	BCM 400B	C/D	•	Body Control Module (BCM)
Freemont	2012 - 2013	BCM 400C	C/D	•	Body Control Module (BCM)
Freemont	2012 - 2013	-			Clear All Codes Read By Code Scan
Idea	2005 - 2013	-			Clear All Codes Read By Code Scan
Panda (169)	2005 - 2013	-			Clear All Codes Read By Code Scan
Doblo Cargo (223)	2005 - 2012	-			Clear All Codes Read By Code Scan
Sedici	2006 - 2013	-			Clear All Codes Read By Code Scan
Stilo	2005 - 2007	-			Clear All Codes Read By Code Scan
Stilo	2005 - 2007	-			Code Scan

## Other Continued

FIAT	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
	Sedici	2006 - 2013	-				Code Scan
	Doblo Cargo (223)	2005 - 2012	-				Code Scan
	Panda (169)	2005 - 2013	-				Code Scan
	Idea	2005 - 2013	-				Code Scan
	Freemont	2012 - 2013	-				Code Scan
	Ulysse (179)	2002 - 2005	ADDG02	C/D		•,P	Diesel Additive
	Ulysse (179)	2002 - 2005	ADDITIF FAP	C/D		•,P	Diesel Additive
	Ulysse	2006 - 2006	ADDG02	C/D		•,P	Diesel Additive
	Ulysse	2006 - 2006	ADDG03	C/D		•,P	Diesel Additive
	Ulysse	2006 - 2006	ADDITIF FAP	C/D		•,P	Diesel Additive
	Ulysse Restyle	2006 - 2013	ADDG03	C/D		•,P	Diesel Additive
	500	2007 - 2013	Discharge Headlamp Left	C/D		•	Discharge Headlamps (Left)
	Croma Restyle	2006 - 2013	Discharge Headlamp Left	C/D		•	Discharge Headlamps (Left)
	Bravo	2007 - 2013	Discharge Headlamp Left	C/D		•	Discharge Headlamps (Left)
	Bravo	2007 - 2013	Discharge Headlamp Right	C/D		•	Discharge Headlamps (Right)
	Croma Restyle	2006 - 2013	Discharge Headlamp Right	C/D		•	Discharge Headlamps (Right)
	500	2007 - 2013	Discharge Headlamp Right	C/D		•	Discharge Headlamps (Right)
	Croma Restyle	2006 - 2013	GE Procond 3 Drivers Door	C/D		•	Door Module Driver
	Idea	2003 - 2013	GE Procond Drivers Door	C/D		•	Door Module Driver
	Idea	2003 - 2013	Single BITRONS Drivers Door	C/D		•	Door Module Driver
	Idea	2003 - 2013	Single Drivers Door GE Procond	C/D		•	Door Module Driver
	Freemont	2012 - 2013	DDM 4000	C/D		•	Door Module Drivers (DDM)
	Idea	2003 - 2013	GE Procond Passenger Door	C/D		•	Door Module Passenger
	Croma Restyle	2006 - 2013	GE Procond 3 Passengers Door	C/D		•	Door Module Passenger
	Freemont	2012 - 2013	PDM 4000	C/D		•	Door Module Passengers (PDM)
	Idea	2003 - 2013	TRW 1 Power Steering	C/D		RA	Electric Power Steering
	Idea	2003 - 2013	TRW 3 Power Steering	C/D		•,S	Electric Power Steering
	Panda (100 Hp)	2008 - 2013	Delphi Electric Steering	C/D		•	Electric Power Steering
	Panda (169)	2003 - 2013	Delphi Electric Steering	C/D		•	Electric Power Steering
	Punto	2000 - 2005	Delphi Electric Steering	C/D		•	Electric Power Steering
	Bravo	2007 - 2013	TRW 3 Power Steering	C/D		•,S	Electric Power Steering
	500	2007 - 2013	DELPHI (EP) 2 Power Steering	C/D		•	Electric Power Steering
	Ducato '06	2006 - 2012	Sagem Speed Pro	C/D			Electric Power Steering
	Stilo	2001 - 2007	TRW 1 Power Steering	C/D		RA	Electric Power Steering
	Stilo	2001 - 2007	TRW 3 Power Steering	C/D		•,S	Electric Power Steering
	Stilo	2001 - 2007	TRW Electric Drive	C/D		RA	Electric Power Steering
	Punto Evo	2010 - 2013	DELPHI (EP) 2 Power Steering	C/D		•	Electric Power Steering

## Other Continued

FIAT	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
	Punto Grande	2005 - 2013	DELPHI (EP) 2 Power Steering	C/D		•	Electric Power Steering
	Punto Evo	2010 - 2013	DELPHI (EP) 3 Power Steering	C/D		•	Electric Power Steering
	Punto Grande	2005 - 2013	DELPHI (EP) 3 Power Steering	C/D		•	Electric Power Steering
	Freemont	2012 - 2013	HFM 4002	C/D			Hands Free Module (HFM)
	Freemont	2012 - 2013	HVAC 4100	C/D			Heat Ventilation A/C (HVAC)
	Freemont	2012 - 2013	ICS 4000	C/D			Integrated Center Stack (ICS)
	Idea	2003 - 2013	Valeo Parking Control Unit	C/D		CF	Parking Assist
	Fiorino '08	2008 - 2013	Bosch Parking Control unit(EP)	C/D		CF	Parking Assist
	Croma Restyle	2006 - 2013	Valeo Parking Control Unit	C/D		CF	Parking Assist
	500	2007 - 2013	VALEO Parking Control unit(EP)2	C/D		CF	Parking Assist
	Bravo	2007 - 2013	Bosch Parking Control Unit (1)	C/D		•,CF	Parking Assist
	Punto Evo	2010 - 2013	VALEO Parking Control unit(EP)2	C/D		CF	Parking Assist
	Scudo '07	2007 - 2013	PSA Valeo Parking Control Unit (CAN)	C/D		•	Parking Assist
	Punto Grande	2005 - 2013	VALEO Parking Control unit(EP)2	C/D		CF	Parking Assist
	Stilo	2001 - 2007	Valeo Parking Control Unit	C/D		CF	Parking Assist
	Qubo	2008 - 2013	Bosch Parking Control unit(EP)	C/D		CF	Parking Assist
	Freemont	2012 - 2013	PTS 4103	C/D			Parktronics (PTS)
	Idea	2003 - 2013	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
	Punto	2001 - 2005	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
	Punto Evo	2010 - 2013	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
	Panda (169)	2003 - 2013	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
	Panda (100 Hp)	2008 - 2013	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
	500	2007 - 2013	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
	Doblo	2000 - 2002	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
	Doblo (263)	2010 - 2013	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
	Doblo Cargo (223)	2001 - 2012	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
	Stilo	2001 - 2007	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
	Punto Grande	2005 - 2013	AFL_CAN_PROXI_ALIGNMENT				Proxi Alignment
	Freemont	2012 - 2013	RFH 4016	C/D			Radio Frequency Hub (RFH)
	Panda (312)	2012 - 2013	IPC				Reset Odometer
	Doblo (263)	2012 - 2013	IPC				Reset Odometer
	Bravo	2012 - 2013	IPC				Reset Odometer
	500	2012 - 2013	IPC				Reset Odometer

## Other Continued

FIAT	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
	500L	2012 - 2013	IPC				Reset Odometer
	500L	2012 - 2013	SIR				Service Interval Reset
	500	2007 - 2013	SIR				Service Interval Reset
	Bravo	2007 - 2013	SIR				Service Interval Reset
	Doblo	2000 - 2002	SIR				Service Interval Reset
	Croma Restyle	2006 - 2013	SIR				Service Interval Reset
	Doblo Cargo (223)	2001 - 2012	SIR				Service Interval Reset
	Doblo (263)	2010 - 2013	SIR				Service Interval Reset
	Ducato FL (250)	2011 - 2013	COMBINE				Service Interval Reset
	Ducato Restyle (244)	2001 - 2005	-				Service Interval Reset
	Ducato '06 Panda (312)	2006 - 2012	SIR				Service Interval Reset
	Panda (169)	2003 - 2013	SIR				Service Interval Reset
	Punto	2000 - 2005	SIR				Service Interval Reset
	Punto Patio/ Siena/ Albea	2000 - 2007	SIR				Service Interval Reset
	Panda (100 Hp)	2008 - 2013	SIR				Service Interval Reset
	Fiorino '08	2008 - 2013	EP				Service Interval Reset
	Fiorino '08	2008 - 2013	EP3				Service Interval Reset
	Idea	2003 - 2013	SIR				Service Interval Reset
	Punto Evo	2010 - 2013	EP				Service Interval Reset
	Punto Evo	2010 - 2013	EP3				Service Interval Reset
	Punto Grande	2005 - 2013	EP				Service Interval Reset
	Punto Grande	2005 - 2013	EP3				Service Interval Reset
	Scudo '07	2007 - 2013	SIR				Service Interval Reset
	Qubo	2008 - 2013	EP				Service Interval Reset
	Qubo	2008 - 2013	EP3				Service Interval Reset
	Stilo	2001 - 2007	SIR				Service Interval Reset
	Ulysse Restyle	2006 - 2013	SIR				Service Interval Reset
	Freemont	2012 - 2013	SCCM 4101	C/D			Steering Column Control Module (SCCM)
	Freemont	2012 - 2013	TGW 4002	C/D			Telematic Gateway Radio (TGW)
	Freemont	2012 - 2013	TPM 4001	C/D			Tire Pressure Monitor (TPM)
	Ulysse Restyle	2006 - 2013	Siemens Tire Pressure Control	C/D		•	Tire Pressure Monitoring
	Ulysse	2006 - 2006	Siemens Tire Pressure Control	C/D		•	Tire Pressure Monitoring
	Ulysse (179)	2002 - 2005	Siemens Tire Pressure Control	C/D		•	Tire Pressure Monitoring
	Qubo	2012 - 2013	BCM				Transport Mode
	Punto Grande	2011 - 2013	BCM				Transport Mode
	Fiorino '08	2012 - 2013	BCM				Transport Mode

Key for Special Functions: BB-Brake Bleed, BS-Brake Service, C-Crash Data, CF-Configuration, E-EGS, F-Flywheel, I-Injector Coding, O-Oil reset for DPF, P-Particulate Filter, R-Retain, RA-Reset Adaptation's, S-Steering Angle Sensor, E-1-Inch Body Ream, Jk-Type Auto or Type Semi Auto, \*Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



## Other Continued

FIAT						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
Panda (100 Hp)	2012 - 2013	BCM				Transport Mode
Idea	2012 - 2013	BCM				Transport Mode
Punto Evo	2010 - 2013	BCM				Transport Mode
Panda (169)	2012 - 2013	BCM				Transport Mode
Panda (312)	2012 - 2013	BCM				Transport Mode
Ducato '06	2012 - 2012	BCM				Transport Mode
Doblo Cargo (223)	2012 - 2012	BCM				Transport Mode
Doblo (263)	2010 - 2013	BCM				Transport Mode
Croma Restyle	2012 - 2013	BCM				Transport Mode
Bravo	2012 - 2013	BCM				Transport Mode
500L	2012 - 2013	BCM				Transport Mode
500	2012 - 2013	BCM				Transport Mode
Bravo	2007 - 2013	Tire Pressure Control TRW 2	C/D	•	•	Tyre Pressure Monitoring
Croma Restyle	2006 - 2013	Tire Pressure Control TRW 2	C/D	•	•	Tyre Pressure Monitoring
Idea	2003 - 2013	SCHRADER Tire Pressure Check	C/D		•	Tyre Pressure Monitoring
Punto Grande	2005 - 2013	TRW Tire Pressure Control (EP)	C/D	•	•	Tyre Pressure Monitoring
Punto Evo	2010 - 2013	TRW Tire Pressure Control (EP)	C/D	•	•	Tyre Pressure Monitoring
Punto Evo	2010 - 2013	DELPHI (EP) 3 Power Steering				Wheel Alignment
Punto Grande	2005 - 2013	DELPHI (EP) 2 Power Steering				Wheel Alignment
Punto Grande	2005 - 2013	ABS BOSCH 8 ESP				Wheel Alignment
Punto Grande	2005 - 2013	DELPHI (EP) 3 Power Steering				Wheel Alignment
Qubo	2008 - 2013	ABS BOSCH 8 ESP				Wheel Alignment
Stilo	2001 - 2007	TRW 1 Power Steering				Wheel Alignment
Stilo	2001 - 2007	ABS BOSCH 5.7 VDC				Wheel Alignment
Stilo	2001 - 2007	ABS BOSCH 8 VDC				Wheel Alignment
Stilo	2001 - 2007	TRW Electric Drive				Wheel Alignment
Idea	2003 - 2013	TRW 1 Power Steering				Wheel Alignment
Idea	2003 - 2013	TRW 3 Power Steering				Wheel Alignment
Multipla	1998 - 2013	ABS BOSCH 5.7 VDC				Wheel Alignment
Idea	2003 - 2013	BOSCH 8 VDC ABS				Wheel Alignment
Punto Evo	2010 - 2013	DELPHI (EP) 2 Power Steering				Wheel Alignment
Punto Evo	2010 - 2013	ABS BOSCH 8 ESP				Wheel Alignment
Panda (100 Hp)	2008 - 2013	Delphi Electric Steering				Wheel Alignment
Panda (100 Hp)	2008 - 2013	ABS BOSCH 8 VDC				Wheel Alignment
Panda (169)	2003 - 2013	ABS BOSCH 8 VDC				Wheel Alignment
Panda (169)	2003 - 2013	Delphi Electric Steering				Wheel Alignment
Ducato '06	2006 - 2012	BOSCH 8 VDC ABS				Wheel Alignment

## Other Continued

FIAT						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
Fiorino '08	2008 - 2013	ABS BOSCH 8 ESP				Wheel Alignment
Bravo	2007 - 2013	TRW 3 Power Steering				Wheel Alignment
Bravo	2007 - 2013	BOSCH 8 VDC ABS				Wheel Alignment
Croma Restyle	2006 - 2013	LUCAS ESP				Wheel Alignment
500	2007 - 2013	ABS BOSCH 8 ESP				Wheel Alignment
500	2007 - 2013	DELPHI (EP) 2 Power Steering				Wheel Alignment
500	2007 - 2013	DELPHI (EP) 3 Power Steering				Wheel Alignment
Stilo	2001 - 2007	XENON BOSCH LEFT	C/D	•		Xenon Left
Ulysse (179)	2002 - 2005	XENON VALEO LEFT PSA	C/D			Xenon Left
Ulysse	2006 - 2006	XENON VALEO LEFT PSA	C/D			Xenon Left
Ulysse	2006 - 2006	XENON VALEO RIGHT PSA	C/D			Xenon Right
Ulysse (179)	2002 - 2005	XENON VALEO RIGHT PSA	C/D			Xenon Right
Stilo	2001 - 2007	XENON BOSCH RIGHT	C/D			Xenon Right

102 Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, RA: Type of Air or Type Sens Auto, \* Other (see table on page 26) Data grey lines indicate new content at 1.4.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
B-Max	2013 - 2013		1.0L Petrol	-	C/D	•	•,T
B-Max	2013 - 2013		1.4L Petrol	-	C/D		
B-Max	2013 - 2013		1.5L Diesel	-	C/D	•	•,E,I,P
B-Max	2013 - 2013		1.6L Diesel	-	C/D	•	•,E,I,P
B-Max	2013 - 2013		1.6L Petrol	-	C/D	•	•,T
C-Max	2010 - 2013	105PS	1.0L Petrol	-	C/D	•	•,T
C-Max	2010 - 2013	105PS	1.6L Petrol	-	C/D		•
C-Max	2010 - 2013	115PS	1.6L Diesel	-	C/D	•	•,E,I,P,T
C-Max	2010 - 2013	115PS	2.0L Diesel	-	C/D	•	•,E,I,P,T
C-Max	2010 - 2013	120PS	1.0L Petrol	-	C/D	•	•,T
C-Max	2010 - 2013	125PS	1.6L Petrol	-	C/D		•
C-Max	2010 - 2013	136PS	2.0L Diesel	-	C/D	•	•,E,I,P,T
C-Max	2010 - 2013	150PS	1.6L Petrol	-	C/D	•	•,T
C-Max	2010 - 2013	163PS	2.0L Diesel	-	C/D	•	•,E,I,P,T
C-Max	2010 - 2013	180PS	1.6L Petrol	-	C/D	•	•,T
C-Max	2010 - 2013	95PS	1.6L Diesel	-	C/D	•	•,E,I,P,T
Escort	1995 - 1995	CK	1.6L SFI	-			
Escort	1995 - 1995	L1	1.6L SFI	-			
Escort	1995 - 1995	LJ	1.6L SFI	-			
Escort	1995 - 1995	LU	1.6L SFI	-			
Escort	1995 - 1996	D	1.8L T-Diesel	-	C/D	•	
Escort	1995 - 1996	RD	1.8L SFI 105	-			
Escort	1995 - 1996	RF	1.8L T-Diesel	-	C/D	•	
Escort	1995 - 1996	RQ	1.8L SFI 130	-			
Escort	1995 - 2002	B	1.3L HCS	-			
Escort	1995 - 2002	J5	1.3L CFI	-			
Escort	1995 - 2002	J6	1.3L CFI	-			
Escort	1995 - 2002	JB	1.3L HCS	-			
Escort	1995 - 2002	N7	2.0L MPI 16V	-			
Escort	2000 - 2000	B	1.3L Petrol	-			
Escort	2000 - 2000	J5	1.3L Petrol	-			
Escort	2000 - 2000	J6	1.3L Petrol	-			
Escort	2001 - 2002	F6	1.4L CVH	-			
Escort Cosworth	1992 - 1996	N5	2.0L Turbo	-			•, BB, C, BS
Escort Cosworth	1994 - 1994	N5	2.0L Turbo	-			
Escort/Orion	1992 - 1994	F4	1.4L SFI	-	C		
Escort/Orion	1992 - 1994	F6	1.4L CFI	-			
Escort/Orion	1992 - 1994	J6	1.3L CFI	-			
Escort/Orion	1992 - 1994	L1	1.6L SFI	-			
Escort/Orion	1992 - 1994	LJ	1.6L MPI	-			
Escort/Orion	1992 - 1994	N7	2.0L MPI 16V	-			
Escort/Orion	1992 - 1994	RD	1.8L SFI 105	-			
Escort/Orion	1992 - 1994	RF	1.8L T-Diesel	-	C/D		
Escort/Orion	1992 - 1994	RQ	1.8L SFI 130	-			
Escort/Orion	1994 - 1994	F4	1.4L SFI	-			
Explorer	1993 - 1995		4.0L MPI	-			
Explorer	1995 - 1997	X	4.0L SOHC SFI	-	C		
Explorer	1997 - 2005	E	4.0L SOHC SFI	-	C		
Explorer	2006 - 2006		4.0L Petrol	-	C		
Fiesta	1992 - 1994	LH	1.6L Turbo	-			
Fiesta	1992 - 1994	LJ	1.6L MPI	-			
Fiesta	1992 - 1995	F6	1.4L CFI	-			
Fiesta	1992 - 1995	G6	1.1L CFI	-			
Fiesta	1992 - 1996	J6	1.3L CFI	-			
Fiesta	1992 - 1996	RD	1.8L SFI 105	-			
Fiesta	1992 - 1996	RQ	1.8L SFI 130	-			
Fiesta	1994 - 1996	F4	1.4L SFI	-			
Fiesta	1994 - 1996	L1	1.6L SFI	-			

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Fiesta	2002 - 2006	4	2.0L Petrol ST	-	C/D		
Fiesta	2002 - 2008	0	1.5L Petrol	-	C/D		
Fiesta	2002 - 2009	6	1.4L Diesel	-	C/D		
Fiesta	2002 - 2009	7	1.25L Petrol	-	C/D		
Fiesta	2002 - 2009	9	1.3L Petrol	-	C/D		
Fiesta	2002 - 2009	A	1.3L Petrol	-	C/D		
Fiesta	2002 - 2009	Q	1.4L Petrol	-	C/D		
Fiesta	2002 - 2009	R	1.3L Petrol	-	C/D		
Fiesta	2002 - 2009	U	1.25L Petrol	-	C/D		
Fiesta	2002 - 2009	X	1.4L Petrol	-	C/D		
Fiesta	2002 - 2009	Y	1.6L Petrol	-	C/D		
Fiesta	2003 - 2004	4	2.0L Petrol - ST	-	C/D		
Fiesta	2003 - 2009	H	1.6L Diesel	-	C/D		
Fiesta	2004 - 2004	H	1.6L Diesel	-	C/D		
Fiesta	2005 - 2009	4	2.0L Petrol	-	C/D		
Fiesta	2007 - 2007		1.5L Petrol	-	C/D		
Fiesta	2007 - 2007		2.0L Petrol	-	C/D		
Fiesta	2007 - 2008		1.4L Diesel	-	C/D		
Fiesta	2009 - 2009	0	1.5L Petrol	-	C/D		
Fiesta	2010 - 2012	115PS	1.6L Petrol	-	C/D		•
Fiesta	2010 - 2012	60PS	1.25L Petrol	-	C/D		•
Fiesta	2010 - 2012	68PS	1.4L Diesel	-	C/D	•	•,E,T
Fiesta	2010 - 2012	70PS	1.4L Diesel	-	C/D	•	•,E,T
Fiesta	2010 - 2012	75PS	1.6L Diesel	-	C/D	•	•,E,I,P
Fiesta	2010 - 2012	80PS	1.25L Petrol	-	C/D		•
Fiesta	2010 - 2012	90PS	1.6L Diesel	-	C/D	•	•,E,I,P
Fiesta	2010 - 2012	91PS	1.4L Petrol	-	C/D		•
Fiesta	2010 - 2012	94PS	1.4L Petrol	-	C/D		•
Fiesta	2010 - 2012	95PS	1.6L Diesel	-	C/D	•	•,E,I,P
Fiesta	2010 - 2012	96PS	1.4L Petrol	-	C/D		•
Fiesta	2013 - 2013		1.0L EcoBoost	-	C/D	•	•,T
Fiesta	2013 - 2013		1.25 Petrol	-	C/D		
Fiesta	2013 - 2013		1.5L Diesel	-	C/D	•	•,E,I,P
Fiesta	2013 - 2013		1.6L Petrol	-	C/D	•	•,T
Fiesta	2013 - 2013		1.6L Petrol ST	-	C/D	•	•,T
Fiesta	2013 - 2013		1.6L Diesel	-	C/D	•	•,E,I,P
Fiesta (2008)	2008 - 2009	115PS	1.6L Petrol	-	C/D		•
Fiesta (2008)	2008 - 2009	60PS	1.25L Petrol	-	C/D		•
Fiesta (2008)	2008 - 2009	68PS	1.4L Diesel	-	C/D	•	•,E,T
Fiesta (2008)	2008 - 2009	75PS	1.6L Diesel	-	C/D		•,E,I,P
Fiesta (2008)	2008 - 2009	80PS	1.25L Petrol	-	C/D		•
Fiesta (2008)	2008 - 2009	90PS	1.6L Diesel	-	C/D		•,E,I,P
Fiesta (2008)	2008 - 2009	91PS	1.4L Petrol	-	C/D		•
Fiesta (2008)	2008 - 2009	94PS	1.4L Petrol	-	C/D		•
Fiesta (2008)	2008 - 2009	95PS	1.6L Diesel	-	C/D		•,E,I,P
Fiesta (2008)	2008 - 2009	96PS	1.4L Petrol	-	C/D		•
Fiesta (New)	2012 - 2012		1.0L EcoBoost	-	C/D	•	•,T
Fiesta (New)	2012 - 2012		1.25 Petrol	-	C/D		
Fiesta (New)	2012 - 2012		1.5L Diesel	-	C/D	•	•,E,I,P
Fiesta (New)	2012 - 2012		1.6L Diesel	-	C/D	•	•,E,I,P
Fiesta (New)	2012 - 2012		1.6L Petrol	-	C/D		
Fiesta (New)	2012 - 2012		1.6L Petrol ST	-	C/D	•	•,T
Focus	2006 - 2008	1	1.6L Diesel	-	C/D		•
Focus	2006 - 2008	2	1.6L Diesel	-	C/D		•
Focus	2006 - 2010	3	2.0L Diesel	-	C/D		•,E,I
Focus	2006 - 2010	4	1.8L Diesel	-	C/D		•
Focus	2006 - 2010	A	1.4L Petrol	-	C/D		
Focus	2006 - 2010	B	1.6L Petrol	-	C/D		
Focus	2006 - 2010	C	1.6L Petrol	-	C/D		

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, J: Jumper or Type Semi Auto, •: Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

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 Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Retain, RR- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Retain, R- Type Retain or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 14-4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Focus	2006 - 2010	D	1.8L Petrol	-	C/D		
Focus	2006 - 2010	E	2.0L Petrol	-	C/D		
Focus	2006 - 2010	F	1.8L Petrol	-	C/D		
Focus	2006 - 2010	G	1.8L Petrol	-	C/D		
Focus	2006 - 2010	H	1.8L Petrol	-	C/D		
Focus	2006 - 2010	J	2.5L Petrol	-	C/D		
Focus	2006 - 2010	L	1.6L Petrol	-	C/D		
Focus	2006 - 2010	U	1.8L Petrol	-	C/D		
Focus	2007 - 2007		2.0L Petrol	-	C/D		
Focus	2007 - 2007		2.5L Petrol	-	C/D		
Focus	2007 - 2007	1	1.6L Diesel	-	C/D		•
Focus	2007 - 2007	2	1.6L Diesel	-	C/D		•
Focus	2007 - 2007	3	2.0L Diesel	-	C/D		•,E,I
Focus	2007 - 2007	4	1.8L Diesel	-	C/D		•
Focus	2008 - 2008	7	1.6L Diesel	-	C/D		•
Focus	2008 - 2008	8	1.6L Diesel	-	C/D		•
Focus	2008 - 2010	6	2.0L Diesel	-	C/D		•,E,I
Focus	2008 - 2010	K	2.0L Petrol	-	C/D		
Focus	2008 - 2010	M	1.6L Petrol	-	C/D		
Focus	2008 - 2010	P	2.5L Petrol	-	C/D		
Focus	2009 - 2010	1	1.6L Diesel TDCI	-	C/D		•
Focus	2009 - 2010	2	1.6L Diesel TDCI	-	C/D		•
Focus	2009 - 2010	7	1.6L Diesel TDCI	-	C/D		•
Focus	2009 - 2010	8	1.6L Diesel TDCI	-	C/D		•
Focus	2012 - 2013	105PS	1.0L Petrol	-	C/D		•,T
Focus	2012 - 2013	105PS	1.6L Petrol	-	C/D		•
Focus	2012 - 2013	115PS	1.6L Diesel	-	C/D		•,E,I,P,T
Focus	2012 - 2013	115PS	2.0L Diesel	-	C/D		•,E,I,P,T
Focus	2012 - 2013	120PS	1.0L Petrol	-	C/D		•,T
Focus	2012 - 2013	125PS	1.6L Petrol	-	C/D		•
Focus	2012 - 2013	140PS	2.0L Diesel	-	C/D		•,E,I,P,T
Focus	2012 - 2013	150PS	1.6L Petrol	-	C/D		•,T
Focus	2012 - 2013	163PS	2.0L Diesel	-	C/D		•,E,I,P,T
Focus	2012 - 2013	180PS	1.6L Petrol	-	C/D		•,T
Focus	2012 - 2013	95PS	1.6L Diesel	-	C/D		•,E,I,P,T
Focus (2005)	2005 - 2005	1	1.6L Diesel	-	C/D		•
Focus (2005)	2005 - 2005	2	1.6L Diesel	-	C/D		•
Focus (2005)	2005 - 2005	3	2.0L Diesel	-	C/D		•,E,I
Focus (2005)	2005 - 2011	4	1.8L Diesel	-	C/D		•
Focus (2005)	2005 - 2011	A	1.4L Petrol	-	C/D		
Focus (2005)	2005 - 2011	B	1.6L Petrol	-	C/D		
Focus (2005)	2005 - 2011	C	1.6L Petrol	-	C/D		
Focus (2005)	2005 - 2011	D	1.8L Petrol	-	C/D		
Focus (2005)	2005 - 2011	E	2.0L Petrol	-	C/D		
Focus (2005)	2005 - 2011	F	1.8L Petrol	-	C/D		
Focus (2005)	2005 - 2011	G	1.8L Petrol	-	C/D		
Focus (2005)	2005 - 2011	H	1.8L Petrol	-	C/D		
Focus (2005)	2005 - 2011	J	2.5L Petrol	-	C/D		
Focus (2005)	2005 - 2011	L	1.6L Petrol	-	C/D		
Focus (2005)	2005 - 2011	U	1.8L Petrol	-	C/D		
Focus (2005)	2011 - 2011	1	1.6L Diesel TDCI	-	C/D		•
Focus (2005)	2011 - 2011	2	1.6L Diesel TDCI	-	C/D		•
Focus (2005)	2011 - 2011	3	2.0L Diesel	-	C/D		•,E,I
Focus (2005)	2011 - 2011	6	2.0L Diesel	-	C/D		•,E,I
Focus (2005)	2011 - 2011	7	1.6L Diesel TDCI	-	C/D		•
Focus (2005)	2011 - 2011	8	1.6L Diesel TDCI	-	C/D		•
Focus (2005)	2011 - 2011	K	2.0L Petrol	-	C/D		
Focus (2005)	2011 - 2011	M	1.6L Petrol	-	C/D		
Focus (2005)	2011 - 2011	P	2.5L Petrol	-	C/D		

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Focus (2011)	2011 - 2011	105PS	1.0L Petrol	-	C/D		•,T
Focus (2011)	2011 - 2011	105PS	1.6L Petrol	-	C/D		•
Focus (2011)	2011 - 2011	115PS	1.6L Diesel	-	C/D		•,E,I,P,T
Focus (2011)	2011 - 2011	115PS	2.0L Diesel	-	C/D		•,E,I,P,T
Focus (2011)	2011 - 2011	120PS	1.0L Petrol	-	C/D		•,T
Focus (2011)	2011 - 2011	125PS	1.6L Petrol	-	C/D		•
Focus (2011)	2011 - 2011	140PS	2.0L Diesel	-	C/D		•,E,I,P,T
Focus (2011)	2011 - 2011	150PS	1.6L Petrol	-	C/D		•,T
Focus (2011)	2011 - 2011	163PS	2.0L Diesel	-	C/D		•,E,I,P,T
Focus (2011)	2011 - 2011	180PS	1.6L Petrol	-	C/D		•,T
Focus (2011)	2011 - 2011	95PS	1.6L Diesel	-	C/D		•,E,I,P,T
Focus C-Max	2003 - 2010	1	1.6L Diesel	-	C/D		•
Focus C-Max	2003 - 2010	2	1.6L Diesel	-	C/D		•
Focus C-Max	2003 - 2010	3	2.0L Diesel	-	C/D		•,E,I
Focus C-Max	2003 - 2010	4	1.8L Diesel	-	C/D		•
Focus C-Max	2003 - 2010	B	1.6L Petrol	-	C/D		
Focus C-Max	2003 - 2010	C	1.6L Petrol	-	C/D		
Focus C-Max	2003 - 2010	D	1.8L Petrol	-	C/D		
Focus C-Max	2003 - 2010	E	2.0L Petrol	-	C/D		
Focus C-Max	2003 - 2010	F	1.8L Petrol	-	C/D		
Focus C-Max	2003 - 2010	G	1.8L Petrol	-	C/D		
Focus C-Max	2003 - 2010	H	1.8L Petrol	-	C/D		
Focus C-Max	2003 - 2010	L	1.6L Petrol	-	C/D		
Focus C-Max	2003 - 2010	U	1.8L Petrol	-	C/D		
Focus C-Max	2005 - 2007	1	1.6L Diesel	-	C/D		•
Focus C-Max	2005 - 2007	2	1.6L Diesel	-	C/D		•
Focus C-Max	2005 - 2007	3	2.0L Diesel	-	C/D		•,E,I
Focus C-Max	2007 - 2007	4	1.8L Diesel	-	C/D		•
Focus C-Max	2007 - 2010	I	1.6L Petrol	-	C/D		
Focus C-Max	2007 - 2010	K	2.0L Petrol LPG	-	C/D		
Focus C-Max	2007 - 2010	M	1.6L Petrol	-	C/D		
Focus C-Max	2009 - 2009		2.0L Diesel	-	C/D		•,E,I
Fusion	2002 - 2006	6	1.4L Diesel	-	C/D		
Fusion	2002 - 2006	H	1.6L Diesel	-	C/D		
Fusion	2002 - 2007	O	1.5L Petrol	-	C/D		
Fusion	2002 - 2007	Y	1.6L Petrol	-	C/D		
Fusion	2002 - 2009	7	1.25L Petrol	-	C/D		
Fusion	2002 - 2009	9	1.3L Petrol	-	C/D		
Fusion	2002 - 2009	A	1.3L Petrol	-	C/D		
Fusion	2002 - 2009	Q	1.4L Petrol	-	C/D		
Fusion	2002 - 2009	R	1.3L Petrol	-	C/D		
Fusion	2002 - 2009	U	1.25L Petrol	-	C/D		
Fusion	2002 - 2009	X	1.4L Petrol	-	C/D		
Fusion	2005 - 2005	H	1.6L Diesel	-	C/D		
Fusion	2007 - 2013		1.4L Diesel	-	C/D		
Fusion	2007 - 2013		1.6L Diesel	-	C/D		
Fusion	2008 - 2013		1.5L Petrol	-	C/D		
Fusion	2008 - 2013		1.6L Petrol	-	C/D		
Fusion	2010 - 2013		1.25L Petrol	-	C/D		
Fusion	2010 - 2013		1.3L Petrol	-	C/D		
Fusion	2010 - 2013		1.4L Petrol	-	C/D		
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_1	C/D		•
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_10	C/D		•
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_11	C/D		•
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_12	C/D		•
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_13	C/D		•
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_14	C/D		•
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_16	C/D		•
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_18	C/D		•

# Engine Management Applications

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_19	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_2	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_20	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_26	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_27	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_28M	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_28S	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_29	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_3	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_30	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_4	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_5	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_6	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_7	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_8	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_9	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_CODES_ONLY	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_G00	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_G00A	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_G00B	C/D	•	
Galaxy	2001 - 2002	1Z	1.9L T-Diesel	EDC_G00C	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_1	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_10	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_11	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_12	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_13	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_14	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_16	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_18	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_19	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_2	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_20	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_26	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_27	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_28M	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_28S	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_29	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_3	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_30	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_4	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_5	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_6	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_7	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_8	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_9	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_CODES_ONLY	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_G00	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_G00A	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_G00B	C/D	•	
Galaxy	2001 - 2002	AFN	1.9L T-Diesel	EDC_G00C	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_1	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_10	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_11	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_12	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_13	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_14	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_16	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_18	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_19	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_2	C/D	•	

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_2	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_20	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_26	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_27	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_28M	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_28S	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_29	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_3	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_30	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_4	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_5	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_6	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_7	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_8	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_9	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_CODES_ONLY	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_G00	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_G00A	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_G00B	C/D	•	
Galaxy	2001 - 2002	MF	1.9L T-Diesel	EDC_G00C	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_1	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_10	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_11	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_12	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_13	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_14	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_16	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_18	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_19	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_2	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_20	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_26	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_27	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_28M	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_28S	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_29	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_3	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_30	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_4	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_5	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_6	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_7	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_8	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_9	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_CODES_ONLY	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_G00	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_G00A	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_G00B	C/D	•	
Galaxy	2001 - 2006	A	1.9L T-Diesel	EDC_G00C	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_1	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_10	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_11	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_12	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_13	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_14	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_16	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_18	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_19	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_2	C/D	•	

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Relearn, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Relearn, Jk- Jumper or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_20	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_26	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_27	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_28M	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_28S	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_29	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_3	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_30	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_4	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_5	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_6	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_7	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_8	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_9	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_CODES_ONLY	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_G00	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_G00A	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_G00B	C/D	•	
Galaxy	2001 - 2006	B	1.9L T-Diesel	EDC_G00C	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_1	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_10	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_11	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_12	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_13	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_14	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_16	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_18	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_19	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_2	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_20	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_26	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_27	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_28M	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_28S	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_29	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_3	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_30	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_4	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_5	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_6	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_7	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_8	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_9	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_CODES_ONLY	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_G00	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_G00A	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_G00B	C/D	•	
Galaxy	2001 - 2006	F	1.9L T-Diesel	EDC_G00C	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_1	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_10	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_11	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_12	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_13	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_14	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_16	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_18	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_19	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_2	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_20	C/D	•	

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_26	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_27	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_28M	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_28S	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_29	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_3	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_30	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_4	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_5	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_6	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_7	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_8	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_9	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_CODES_ONLY	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_G00	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_G00A	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_G00B	C/D	•	
Galaxy	2001 - 2006	H	1.9L T-Diesel	EDC_G00C	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_1	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_10	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_11	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_12	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_13	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_14	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_16	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_18	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_19	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_2	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_20	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_26	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_27	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_28M	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_28S	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_29	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_3	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_30	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_4	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_5	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_6	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_7	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_8	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_9	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_CODES_ONLY	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_G00	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_G00A	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_G00B	C/D	•	
Galaxy	2003 - 2006	J	1.9L T-Diesel	EDC_G00C	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	DIGI_1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	DIGI_2	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	DIGI_3	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	DIGI_4	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	DIGI_5	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	DIGI_6	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	DIGI_7	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	DIGI_8	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	DIGI_9	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	KE_MOTR	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_KW2_1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_M154	C/D	•	

# Engine Management Applications

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_M29	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_M381_1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_M382_1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_M59_1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_M59_2	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_M591	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_M592	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_ME71_1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_ME71_2	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_ME71_3	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_ME71_4	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_ME71_5	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_ME71_6	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_MP90	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_2V	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_2V2	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_5T1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_5T2	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_5T3	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_5T6	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_5T7	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_5T8	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_5T9	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_5V1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_5V2	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_5V3	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_5V4	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_5V5	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R4_5V9	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R455V1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_R5	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_V6_5V1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_V6_5V2	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_V6_5V3	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_V6_5V4	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_V6_5V7	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_V6_5V8	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_V8_4V1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_V8_4V2	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_V8_4V3	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_V8_4V6	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_V8_4V7	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M_V8_4V8	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M4_5T10	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M4_5T11	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M4_5T12	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M4_5T13	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M4_5V10	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M4_5V11	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	M4_5V12	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MAR_1AV1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MAR_4AV	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MAR_4LV1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MAR_4LV2	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MAR_4LV3	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MAR_4LV4	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MAR_4MV1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	ME7510_1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	ME7510_2	C/D	•	

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	ME7510_3	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	ME7510_4	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	ME7510_5	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MONO_123	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MONO_13	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MPFI_1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MPFI_2	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MPI_G00	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MPI_R4	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MPI_V6_1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MPI_V6_2	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MPI_V6_3	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MV6_5VT1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MV6_5VT3	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MW12_4V1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	MW8_4V1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	PETROL_CODES_ONLY	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	SIMOS_1	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	SIMOS_2P	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	SIMOS_3C	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	SIMOS_3P	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	SIMOS_3W	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	SIMOS_4S	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	SIMOS23P	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	SIMOS321	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	SIMOS331	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	SIMOS333	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	SIMOS342	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	SIMOS343	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	SIMOS344	C/D	•	
Galaxy	2003 - 2006	K	2.8L CD-24V-V6	SIMOS351	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_1	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_10	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_11	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_12	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_13	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_14	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_16	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_18	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_19	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_2	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_20	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_26	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_27	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_28M	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_28S	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_29	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_3	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_30	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_4	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_5	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_6	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_7	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_8	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_9	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_CODES_ONLY	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_G00	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_G00A	C/D	•	
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_G00B	C/D	•	

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, RA- Type of Motor or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Galaxy	2003 - 2006	R	1.9L T-Diesel	EDC_G00C	C/D	•	
Galaxy	2007 - 2007	1	1.8L Diesel	-	C	•	•,E,I,P,T
Galaxy	2007 - 2007	2	1.8L Diesel	-	C	•	•,E,I,P,T
Galaxy	2007 - 2013		2.0L Petrol	-	C		
Galaxy	2007 - 2013		2.3L Petrol	-	C		
Galaxy	2007 - 2013	0	2.2L Diesel	-	C/D	•	•,E,I,P,T
Galaxy	2007 - 2013	3	2.0L Diesel	-	C	•	•,E,I,P,T
Galaxy	2007 - 2013	4	2.0L Diesel	-	C	•	•,E,I,P,T
Galaxy	2007 - 2013	5	2.0L Diesel	-	C	•	•,E,I,P,T
Galaxy	2007 - 2013	6	2.2L Diesel	-	C/D	•	•,E,I,P,T
Galaxy	2007 - 2013	8	2.2L Diesel	-	C/D	•	•,E,I,P,T
Galaxy	2007 - 2013	9	2.0L Diesel	-	C	•	•,E,I,P,T
Galaxy	2008 - 2009	0	2.2L Diesel	-	C/D	•	•,E,I,P,T
Galaxy	2008 - 2009	1	1.8L Diesel	-	C	•	•,E,I,P,T
Galaxy	2008 - 2009	2	1.8L Diesel	-	C	•	•,E,I,P,T
Galaxy	2008 - 2009	3	2.0L Diesel	-	C	•	•,E,I,P,T
Galaxy	2008 - 2009	4	2.0L Diesel	-	C	•	•,E,I,P,T
Galaxy	2008 - 2009	5	2.0L Diesel	-	C	•	•,E,I,P,T
Galaxy	2008 - 2009	6	2.2L Diesel	-	C/D	•	•,E,I,P,T
Galaxy	2008 - 2009	8	2.2L Diesel	-	C/D	•	•,E,I,P,T
Galaxy	2008 - 2009	9	2.0L Diesel	-	C	•	•,E,I,P,T
Galaxy	2010 - 2013		1.6L Diesel	-	C/D	•	•,E,I,P,T
Galaxy	2010 - 2013		1.6L Petrol	-	C/D	•	•,T
Galaxy	2010 - 2013		1.8L Diesel	-	C	•	•,E,I,P,T
Galaxy	2010 - 2013		1.8L Diesel	-	C	•	•,E,I,P,T
Galaxy	2010 - 2013	U	2.0L Diesel	-	C/D	•	•,E,I,P,T
Galaxy	2010 - 2013	V	2.0L Diesel	-	C/D	•	•,E,I,P,T
Galaxy	2010 - 2013	X	2.0L Diesel	-	C/D	•	•,E,I,P,T
Galaxy	2010 - 2013	Y	2.0L Diesel	-	C/D	•	•,E,I,P,T
Galaxy (2006)	2006 - 2006	0	2.2L Diesel	-	C/D	•	•,E,I,P,T
Galaxy (2006)	2006 - 2006	1	1.8L Diesel	-	C	•	•,E,I,P,T
Galaxy (2006)	2006 - 2006	2	1.8L Diesel	-	C	•	•,E,I,P,T
Galaxy (2006)	2006 - 2006	3	2.0L Diesel	-	C	•	•,E,I,P,T
Galaxy (2006)	2006 - 2006	4	2.0L Diesel	-	C	•	•,E,I,P,T
Galaxy (2006)	2006 - 2006	5	2.0L Diesel	-	C	•	•,E,I,P,T
Galaxy (2006)	2006 - 2006	6	2.2L Diesel	-	C/D	•	•,E,I,P,T
Galaxy (2006)	2006 - 2006	8	2.2L Diesel	-	C/D	•	•,E,I,P,T
Galaxy (2006)	2006 - 2006	9	2.0L Diesel	-	C	•	•,E,I,P,T
Galaxy (2006)	2006 - 2006	A	2.0L Petrol	-	C		
Galaxy (2006)	2006 - 2006	E	2.3L Petrol	-	C		
Granada/Scorpio	1992 - 1995	BO	2.9L 24V V6	-			
Granada/Scorpio	1992 - 1995	BR	2.9L 12V V6	-			
Granada/Scorpio	1992 - 1995	N9	2.0L MPI DOHC	-			
Ka	2003 - 2009	4	1.3L Petrol	-	C/D		
Ka	2003 - 2009	A	1.0L Petrol	-	C/D		
Ka	2003 - 2009	B	1.0L Petrol	-	C/D		
Ka	2003 - 2009	C	1.0L Petrol	-	C/D		
Ka	2003 - 2009	D	1.6L Petrol	-	C/D		
Ka	2003 - 2009	E	1.3L Petrol	-	C/D		
Ka	2003 - 2009	F	1.3L Petrol	-	C/D		
Ka	2003 - 2009	S	1.6L Petrol	-	C/D		
Ka	2003 - 2009	T	1.6L Petrol	-	C/D		
Ka	2003 - 2009	W	1.7L Petrol	-	C/D		
Ka	2003 - 2009	X	1.3L Petrol	-	C/D		
Ka	2003 - 2009	Y	1.6L Petrol	-	C/D		
Ka	2010 - 2013		1.2L Petrol	-	C/D	•	•
Ka	2010 - 2013		1.3L Diesel	-	C/D	•	•,I,P
Ka (2008)	2008 - 2009		1.2L Petrol	-	C/D	•	•
Ka (2008)	2008 - 2009		1.3L Diesel	-	C/D	•	•,I,P

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Kuga	2008 - 2010	3	2.0L Diesel	-			
Kuga	2008 - 2013		2.5L Petrol	-	C/D		
Kuga	2008 - 2013	5	2.0L Diesel	-	C/D		
Kuga	2008 - 2013	6	2.0L Diesel	-	C/D		
Kuga	2008 - 2013	9	2.0L Diesel	-	C/D		
Kuga	2008 - 2013	E	2.0L Petrol	-	C/D		
Kuga	2008 - 2013	N	2.0L Petrol	-	C/D		
Kuga	2009 - 2009	5	2.0L Diesel	-	C/D		
Kuga	2009 - 2009	6	2.0L Diesel	-	C/D		
Kuga	2009 - 2009	9	2.0L Diesel	-	C/D		
Kuga	2009 - 2013	3	2.0L Diesel	-	C/D		
Kuga (New)	2013 - 2013		1.6L Petrol	-	C/D	•	•,T
Kuga (New)	2013 - 2013		2.0L Diesel	-	C/D	•	•,E,I,T
Maverick	1993 - 2000	KA	2.4L SFI	-			
Maverick	1993 - 2001	TD	2.7L T-Diesel	-			
Maverick	2001 - 2006	1	3.0L V6	-	C		
Maverick	2001 - 2006	B	2.0L Zetec DOHC	-	C		
Mondeo	1993 - 1993	RK	1.8L SFI	-			
Mondeo	1993 - 1994	RF	1.8L T-Diesel	-			
Mondeo	1993 - 1995	L1	1.6L SFI	-			
Mondeo	1993 - 1995	NG	2.0L SFI	-			
Mondeo	1994 - 2000	SE	2.5L EFI - V6	-	C		
Mondeo	1998 - 2000	RF	1.8L T-Diesel	-	C		
Mondeo	1999 - 2000	B	2.0L SFI	-	C		
Mondeo	1999 - 2000	H	1.8L T-Diesel	-	C		
Mondeo	1999 - 2000	H	2.5L SFI	-	C		
Mondeo	1999 - 2000	J	1.8L SFI	-	C		
Mondeo	1999 - 2000	P	1.6L SFI	-	C		
Mondeo	1999 - 2000	S	2.5L SFI	-	C		
Mondeo	1999 - 2000	T	2.5L SFI	-	C		
Mondeo	2000 - 2000	F	1.8L SFI	-	C		
Mondeo	2000 - 2000	G	1.8L SFI	-	C		
Mondeo	2000 - 2000	H	1.8L SFI	-	C		
Mondeo	2001 - 2006	F	1.8L Petrol	-	C/D		
Mondeo	2001 - 2006	M	2.0L Petrol	-	C/D		
Mondeo	2002 - 2004	4	2.2L Diesel	-	C/D		
Mondeo	2002 - 2004	5	2.0L Diesel	-	C/D		
Mondeo	2002 - 2004	6	2.0L Diesel	-	C/D		
Mondeo	2002 - 2004	7	2.0L Diesel	-	C/D		
Mondeo	2002 - 2004	8	2.0L Diesel	-	C/D		
Mondeo	2002 - 2004	9	2.0L Diesel	-	C/D		
Mondeo	2002 - 2006	G	1.8L Petrol	-	C/D		
Mondeo	2002 - 2006	H	1.8L Petrol	-	C/D		
Mondeo	2002 - 2006	H	1.8L Petrol	-	C/D		
Mondeo	2002 - 2006	J	2.0L Petrol	-	C/D		
Mondeo	2002 - 2006	S	2.5L Petrol	-	C/D		
Mondeo	2002 - 2007	U	3.0L Petrol - ST	-	C/D		
Mondeo	2004 - 2004	3	2.0L Diesel	-	C/D		
Mondeo	2004 - 2006	R	3.0L Petrol	-	C/D		
Mondeo	2005 - 2006	3	2.0L Diesel	-	C/D		
Mondeo	2005 - 2006	4	2.2L Diesel	-	C/D		
Mondeo	2005 - 2006	5	2.0L Diesel	-	C/D		
Mondeo	2005 - 2006	6	2.0L Diesel	-	C/D		
Mondeo	2005 - 2006	7	2.0L Diesel	-	C/D		
Mondeo	2005 - 2006	8	2.0L Diesel	-	C/D		
Mondeo	2005 - 2006	9	2.0L Diesel	-	C/D		
Mondeo	2007 - 2007		2.5L Petrol	-	C/D		
Mondeo	2007 - 2007		3.0L Petrol	-	C/D		
Mondeo	2007 - 2007		3.0L Petrol	-	C/D		

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, H- Hydraulic or Type Sent Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 14-4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Mondeo	2007 - 2007	3	2.0L Diesel TDCI	-	C/D		
Mondeo	2007 - 2007	4	2.2L Diesel TDCI	-	C/D		
Mondeo	2007 - 2007	5	2.0L Diesel TDDI	-	C/D		
Mondeo	2007 - 2007	6	2.0L Diesel TDDI	-	C/D		
Mondeo	2007 - 2007	7	2.0L Diesel TDCI	-	C/D		
Mondeo	2007 - 2007	8	2.0L Diesel TDCI	-	C/D		
Mondeo	2007 - 2007	9	2.0L Diesel TDCI	-	C/D		
Mondeo	2007 - 2007	F	1.8L Petrol - SCi	-	C/D		
Mondeo	2007 - 2007	G	1.8L Petrol - HE	-	C/D		
Mondeo	2007 - 2007	H	1.8L Petrol - HE	-	C/D		
Mondeo	2007 - 2007	J	2.0L Petrol - HE	-	C/D		
Mondeo	2007 - 2007	M	2.0L Petrol - SCi	-	C/D		
Mondeo	2008 - 2009	2	1.8L Diesel	-	C	•	*E,I,P,T
Mondeo	2008 - 2009	3	2.0L Diesel	-	C	•	*E,I,P,T
Mondeo	2008 - 2009	4	2.0L Diesel	-	C	•	*E,I,P,T
Mondeo	2008 - 2009	5	2.0L Diesel	-	C	•	*E,I,P,T
Mondeo	2008 - 2010	0	2.2L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2008 - 2010	1	1.8L Diesel	-	C	•	*E,I,P,T
Mondeo	2008 - 2010	6	2.2L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2008 - 2010	8	2.2L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2008 - 2010	9	2.0L Diesel	-	C	•	*E,I,P,T
Mondeo	2008 - 2013		2.0L Petrol	-	C		
Mondeo	2008 - 2013		2.0L Petrol	-	C		
Mondeo	2008 - 2013		2.3L Petrol	-	C		
Mondeo	2008 - 2013		2.5L Petrol	-	C		
Mondeo	2008 - 2013	B	1.6L Petrol 16VTi-VCT	-	C		
Mondeo	2008 - 2013	C	1.6L Petrol 16VTi-VCT	-	C		
Mondeo	2009 - 2013	0	2.2L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2010 - 2010	A	2.0L Petrol	-	C		
Mondeo	2010 - 2010	U	2.0L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2010 - 2010	V	2.0L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2010 - 2010	W	1.6L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2010 - 2010	X	2.0L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2010 - 2013		1.6L Petrol	-	C/D	•	*E,I,P,T
Mondeo	2010 - 2013	2	1.8L Diesel	-	C	•	*E,I,P,T
Mondeo	2010 - 2013	3	2.0L Diesel	-	C	•	*E,I,P,T
Mondeo	2010 - 2013	4	2.0L Diesel	-	C	•	*E,I,P,T
Mondeo	2010 - 2013	5	2.0L Diesel	-	C	•	*E,I,P,T
Mondeo	2010 - 2013	Y	2.0L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2011 - 2013		1.6L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2011 - 2013		1.6L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2011 - 2013	1	1.8L Diesel	-	C	•	*E,I,P,T
Mondeo	2011 - 2013	6	2.2L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2011 - 2013	8	2.2L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2011 - 2013	9	2.0L Diesel	-	C	•	*E,I,P,T
Mondeo	2011 - 2013	U	2.0L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2011 - 2013	V	2.0L Diesel	-	C/D	•	*E,I,P,T
Mondeo	2011 - 2013	X	2.0L Diesel	-	C/D	•	*E,I,P,T
Mondeo (2007)	2007 - 2007		2.0L Petrol	-	C		
Mondeo (2007)	2007 - 2007		2.3L Petrol	-	C		
Mondeo (2007)	2007 - 2007		2.5L Petrol	-	C		
Mondeo (2007)	2007 - 2007	0	2.2L Diesel	-	C/D	•	*E,I,P,T
Mondeo (2007)	2007 - 2007	1	1.8L Diesel	-	C	•	*E,I,P,T
Mondeo (2007)	2007 - 2007	2	1.8L Diesel	-	C	•	*E,I,P,T
Mondeo (2007)	2007 - 2007	3	2.0L Diesel	-	C	•	*E,I,P,T
Mondeo (2007)	2007 - 2007	4	2.0L Diesel	-	C	•	*E,I,P,T
Mondeo (2007)	2007 - 2007	5	2.0L Diesel	-	C	•	*E,I,P,T
Mondeo (2007)	2007 - 2007	6	2.2L Diesel	-	C/D	•	*E,I,P,T
Mondeo (2007)	2007 - 2007	8	2.2L Diesel	-	C/D	•	*E,I,P,T

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Mondeo (2007)	2007 - 2007	9	2.0L Diesel	-	C	•	*E,I,P,T
Mondeo (2007)	2007 - 2007	B	1.6L Petrol 16VTi-VCT	-	C		
Mondeo (2007)	2007 - 2007	C	1.6L Petrol 16VTi-VCT	-	C		
Probe	1993 - 1994		2.2L MPI	-	C/D		
Probe	1993 - 1994	FS	2.0L MPI	-	C/D		
Probe	1993 - 1994	KL	2.5L MPI	-	C/D		
Probe	1995 - 2002		2.2L Petrol	-	C/D		
Probe	1995 - 2002	FS	2.0L Petrol	-	C/D		
Probe	1995 - 2002	KL	2.5L Petrol	-	C/D		
Probe	2001 - 2001		2.2L Petrol	-	C/D		
Ranger	1999 - 2005	WL	2.5L T-Diesel	-			
Ranger	1999 - 2006	WL	2.5L Diesel	-			
Ranger	2003 - 2005	WL	2.5L T-Diesel	-	C		
Ranger	2003 - 2006	WL	2.5L Diesel	-	C		
Ranger	2006 - 2006	9	3.0L Diesel	-	C/D		
Ranger	2006 - 2011	1	2.5L Diesel	-	C/D		
Ranger	2006 - 2011	2	2.5L Diesel	-	C/D		
Ranger	2006 - 2011	7	2.5L Diesel	-	C/D		
Ranger	2007 - 2011		3.0L Diesel	-	C/D		
Ranger	2007 - 2011		3.0L Diesel	-	C/D		
Ranger	2012 - 2013		3.2L Diesel	-	C/D	•	*E,I,P,T
Ranger	2012 - 2013	B	2.2L Diesel	-	C/D	•	*E,I,P,T
Ranger	2012 - 2013	C	2.2L Diesel	-	C/D	•	*E,I,P,T
Ranger	2012 - 2013	D	2.2L Diesel	-	C/D	•	*E,I,P,T
Ranger (2011)	2011 - 2011		3.2L Diesel	-	C/D	•	*E,I,P,T
Ranger (2011)	2011 - 2011	B	2.2L Diesel	-	C/D	•	*E,I,P,T
Ranger (2011)	2011 - 2011	C	2.2L Diesel	-	C/D	•	*E,I,P,T
Ranger (2011)	2011 - 2011	D	2.2L Diesel	-	C/D	•	*E,I,P,T
Scorpio	1994 - 1994	B0	2.9L 24V V6	-	C		
Scorpio	1994 - 1994	BR	2.9L 12V V6	-			
Scorpio	1994 - 1994	BR	2.9L 12V V6	-	C		
Scorpio	1994 - 1994	N3	2.0L 16V DOHC	-	C		
Scorpio	1994 - 1994	NS	2.0L 8V DOHC	-	C		
Scorpio	1994 - 1994	Y5	2.3L 16V DOHC	-	C		
Scorpio	1995 - 2002	B0	2.9L Petrol 24V V6	-	C		
Scorpio	1995 - 2002	BR	2.9L Petrol 12V V6	-			
Scorpio	1995 - 2002	BR	2.9L Petrol 12V V6	-	C		
Scorpio	1995 - 2002	N3	2.0L Petrol 16V	-	C		
Scorpio	1995 - 2002	NS	2.0L Petrol 8V	-	C		
Scorpio	1995 - 2002	Y5	2.3L Petrol 16V	-	C		
Sierra/Sapphire	1992 - 1994	B4	2.9L MPI	-			
Sierra/Sapphire	1992 - 1994	L6	1.6L CFI	-			
Sierra/Sapphire	1992 - 1994	N4	2.0L MPI SOHC	-			
Sierra/Sapphire	1992 - 1994	N9	2.0L MPI DOHC	-			
Sierra/Sapphire	1992 - 1994	R6	1.8L CFI	-			
S-Max	2006 - 2006	1	1.8L Diesel	-	C	•	*E,I,P,T
S-Max	2006 - 2006	E	2.3L Petrol	-	C		
S-Max	2006 - 2006	H	2.5L Petrol	-	C		
S-Max	2006 - 2007	A	2.0L Petrol	-	C		
S-Max	2006 - 2008	0	2.2L Diesel	-	C/D	•	*E,I,P,T
S-Max	2006 - 2008	2	1.8L Diesel	-	C	•	*E,I,P,T
S-Max	2006 - 2008	3	2.0L Diesel	-	C	•	*E,I,P,T
S-Max	2006 - 2008	4	2.0L Diesel	-	C	•	*E,I,P,T
S-Max	2006 - 2008	5	2.0L Diesel	-	C	•	*E,I,P,T
S-Max	2006 - 2008	9	2.0L Diesel	-	C	•	*E,I,P,T
S-Max	2006 - 2009	6	2.2L Diesel	-	C/D	•	*E,I,P,T
S-Max	2006 - 2009	8	2.2L Diesel	-	C/D	•	*E,I,P,T
S-Max	2007 - 2013		2.3L Petrol	-	C		
S-Max	2007 - 2013		2.3L Petrol	-	C		

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Return, RK- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, Jk- Jumper or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 14, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
S-Max	2007 - 2013		2.5L Petrol	-	C		
S-Max	2007 - 2013		2.5L Petrol	-	C		
S-Max	2007 - 2013	0	2.2L Diesel	-	C/D	•	•,E,I,P,T
S-Max	2007 - 2013	1	1.8L Diesel	-	C	•	•,E,I,P,T
S-Max	2007 - 2013	2	1.8L Diesel	-	C	•	•,E,I,P,T
S-Max	2007 - 2013	3	2.0L Diesel	-	C	•	•,E,I,P,T
S-Max	2007 - 2013	4	2.0L Diesel	-	C	•	•,E,I,P,T
S-Max	2007 - 2013	5	2.0L Diesel	-	C	•	•,E,I,P,T
S-Max	2007 - 2013	6	2.2L Diesel	-	C/D	•	•,E,I,P,T
S-Max	2007 - 2013	8	2.2L Diesel	-	C/D	•	•,E,I,P,T
S-Max	2007 - 2013	9	2.0L Diesel	-	C	•	•,E,I,P,T
S-Max	2008 - 2013		2.0L Petrol	-	C		
S-Max	2008 - 2013		2.0L Petrol	-	C		
S-Max	2010 - 2013		1.6L Diesel	-	C/D	•	•,E,I,P,T
S-Max	2010 - 2013		1.6L Petrol	-	C/D	•	•,T
S-Max	2010 - 2013	U	2.0L Diesel	-	C/D	•	•,E,I,P,T
S-Max	2010 - 2013	V	2.0L Diesel	-	C/D	•	•,E,I,P,T
S-Max	2010 - 2013	X	2.0L Diesel	-	C/D	•	•,E,I,P,T
S-Max	2010 - 2013	Y	2.0L Diesel	-	C/D	•	•,E,I,P,T
Street Ka	2002 - 2009	D	1.6L Petrol	-	C/D		
Street Ka	2003 - 2009	4	1.3L Petrol	-	C/D		
Street Ka	2003 - 2009	A	1.0L Petrol	-	C/D		
Street Ka	2003 - 2009	B	1.0L Petrol	-	C/D		
Street Ka	2003 - 2009	C	1.0L Petrol	-	C/D		
Street Ka	2003 - 2009	E	1.3L Petrol	-	C/D		
Street Ka	2003 - 2009	F	1.3L Petrol	-	C/D		
Street Ka	2003 - 2009	S	1.6L Petrol	-	C/D		
Street Ka	2003 - 2009	T	1.6L Petrol	-	C/D		
Street Ka	2003 - 2009	W	1.7L Petrol	-	C/D		
Street Ka	2003 - 2009	X	1.3L Petrol	-	C/D		
Street Ka	2003 - 2009	Y	1.6L Petrol	-	C/D		
Transit	1992 - 1995	4E	2.5L T-Diesel	-			
Transit	1992 - 1995	4E	2.5L T-Diesel	-	C/D		
Transit	1992 - 1995	4G	2.5L T-Diesel	-			
Transit	1992 - 1995	4G	2.5L T-Diesel	-	C/D		
Transit	1992 - 1995	BR	2.9L MPI	-			
Transit	1992 - 2000	NC	2.0L MPI	-			
Transit	1994 - 1995	4F	2.5L Diesel	-			
Transit	1994 - 1995	4H	2.5L T-Diesel	-			
Transit	1994 - 1995	4H	2.5L T-Diesel	-	C/D		
Transit	1994 - 2000	4F	2.5L Diesel	-	C/D		
Transit	1994 - 2000	NS	2.0L 8V DOHC	-	C		
Transit	1996 - 2000	4H	2.5L Diesel	-			
Transit	2007 - 2008	PHFA	2.4L Diesel	-	C/D		•,E,I,P
Transit	2007 - 2008	PHFC	2.4L Diesel	-	C/D		
Transit	2007 - 2008	QWFA	2.2L Diesel	-	C/D		
Transit	2007 - 2008	SAFA	3.2L Diesel	-	C/D		•,E,I,P
Transit	2007 - 2008	SAFB	3.2L Diesel	-	C/D		•,E,I,P
Transit	2007 - 2009	H9FB	2.4L Diesel	-	C/D		
Transit	2007 - 2009	JXFA	2.4L Diesel	-	C/D		•,E,I,P
Transit	2007 - 2013	GZFA	2.3L Petrol	-	C/D		
Transit	2007 - 2013	GZFC	2.3L Petrol	-	C/D		
Transit	2007 - 2013	P8FA	2.2L Diesel	-	C/D		•,E,I,P
Transit	2007 - 2013	P8FB	2.2L Diesel	-	C/D		
Transit	2007 - 2013	QVFA	2.2L Diesel	-	C/D		•,E,I,P
Transit	2009 - 2009	P8FA	2.2L Diesel	-	C/D		•,E,I,P
Transit	2009 - 2009	QVFA	2.2L Diesel	-	C/D		•,E,I,P
Transit	2009 - 2013	PHFA	2.4L Diesel	-	C/D		•,E,I,P
Transit	2009 - 2013	PHFC	2.4L Diesel	-	C/D		

FORD							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Transit	2009 - 2013	QWFA	2.2L Diesel	-	C/D		
Transit	2009 - 2013	SAFA	3.2L Diesel	-	C/D		•,E,I,P
Transit	2009 - 2013	SAFB	3.2L Diesel	-	C/D		•,E,I,P
Transit	2010 - 2013	CYFB	2.2L Diesel - Euro 5	-	C/D	•	•,E,I,P,T
Transit	2010 - 2013	DRFB	2.2L Diesel - Euro 5	-	C/D	•	•,E,I,P,T
Transit	2010 - 2013	DRRB	2.2L Diesel - Euro 5	-	C/D	•	•,E,I,P,T
Transit	2010 - 2013	H9FB	2.4L Diesel	-	C/D		
Transit	2010 - 2013	JXFA	2.4L Diesel	-	C/D		•,E,I,P
Transit	2010 - 2013	SRFA	2.2L Diesel - Euro 5	-	C/D	•	•,E,I,P,T
Transit	2010 - 2013	USRA	2.2L Diesel - Euro 5	-	C/D	•	•,E,I,P,T
Transit (2006)	2006 - 2006	GZFA	2.3L Petrol	-	C/D		
Transit (2006)	2006 - 2006	GZFC	2.3L Petrol	-	C/D		
Transit (2006)	2006 - 2006	H9FB	2.4L Diesel	-	C/D		
Transit (2006)	2006 - 2006	JXFA	2.4L Diesel	-	C/D		•,E,I,P
Transit (2006)	2006 - 2006	P8FA	2.2L Diesel	-	C/D		•,E,I,P
Transit (2006)	2006 - 2006	P8FB	2.2L Diesel	-	C/D		
Transit (2006)	2006 - 2006	PHFA	2.4L Diesel	-	C/D		•,E,I,P
Transit (2006)	2006 - 2006	PHFC	2.4L Diesel	-	C/D		
Transit (2006)	2006 - 2006	QVFA	2.2L Diesel	-	C/D		•,E,I,P
Transit (2006)	2006 - 2006	QWFA	2.2L Diesel	-	C/D		
Transit (2006)	2006 - 2006	SAFA	3.2L Diesel	-	C/D		•,E,I,P
Transit (2006)	2006 - 2006	SAFB	3.2L Diesel	-	C/D		•,E,I,P
Transit Connect	2006 - 2013	P7PA	1.8L Diesel TDCI	-	C/D		
Transit Connect	2006 - 2013	P9PA	1.8L Diesel TDCI	-	C/D		
Transit Connect	2006 - 2013	R2PA	1.8L Diesel TDCI	-	C/D		
Transit Connect	2006 - 2013	R3PA	1.8L Diesel TDCI	-	C/D		
Transit Connect	2006 - 2013	RWPA	1.8L Diesel TDCI	-	C/D		
Transit Connect	2007 - 2008	P9PA	1.8L Diesel TDCI	-	C/D		
Transit Connect	2007 - 2008	R2PA	1.8L Diesel TDCI	-	C/D		
Transit Connect	2007 - 2008	R3PA	1.8L Diesel TDCI	-	C/D		
Transit Connect	2007 - 2008	RWPA	1.8L Diesel TDCI	-	C/D		
Transit Connect	2007 - 2009	P7PA	1.8L Diesel TDCI	-	C/D		
Transit Custom	2012 - 2013		2.2L Diesel	-	C/D	•	•,E,I,P,T
Windstar	1994 - 2006	U	3.0L V6 SFI	-	C		

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertial Body Return, RA: Type of rotor type, Sent Auto, \* Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Airbag

FORD					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
B-Max	2013 - 2013	-	C/D		
C-Max	2010 - 2013	-	C/D		
Cougar	1998 - 2002	-	C/D		
Escort	1995 - 2002	-			
Escort	1995 - 2002	-	C/D		
Escort Cosworth	1992 - 1996	-			
Escort/Orion	1992 - 1994	-			
Explorer	1993 - 1995	-			
Fiesta	1992 - 1995	-			
Fiesta	1995 - 2013	-	C/D		
Fiesta (2008)	2008 - 2009	-	C/D		
Fiesta (New)	2012 - 2012	-	C/D		
Focus	1998 - 2005	-	C/D		
Focus (2005)	2005 - 2011	-	C		
Focus (2011)	2011 - 2011	-	C/D		•,S
Focus	2012 - 2013	-	C/D		•,S
Focus C-Max	2003 - 2010	-	C		
Fusion	2002 - 2013	-	C		
Galaxy	2001 - 2006	-	ABS_CODES_ONLY		
Galaxy	2001 - 2006	-	ABS01		
Galaxy	2001 - 2006	-	ABS02		
Galaxy	2001 - 2006	-	ABS03		
Galaxy	2001 - 2006	-	ABS04		
Galaxy	2001 - 2006	-	ABS05		
Galaxy	2001 - 2006	-	ABS06		
Galaxy	2001 - 2006	-	ABS07		
Galaxy	2001 - 2006	-	ABS08		
Galaxy	2001 - 2006	-	ABS09		
Galaxy	2001 - 2006	-	ABS10		
Galaxy	2001 - 2006	-	ABS11		
Galaxy	2001 - 2006	-	ABS12		
Galaxy	2001 - 2006	-	ABS13		
Galaxy	2001 - 2006	-	ABS14		
Galaxy	2001 - 2006	-	ABS15		
Galaxy	2001 - 2006	-	ABS16		
Galaxy	2001 - 2006	-	ABS17		
Galaxy	2001 - 2006	-	ABS18		
Galaxy	2001 - 2006	-	ABS19		
Galaxy	2001 - 2006	-	ABS20		
Galaxy	2001 - 2006	-	ABS21		
Galaxy	2007 - 2013	-	C/D		BB
Galaxy (2006)	2006 - 2006	-	C/D		BB
Granada/Scorpio	1992 - 1995	-			
Ka	1996 - 2009	-	C/D		
Ka	2010 - 2013	-	C/D		•
Ka (2008)	2008 - 2009	-	C/D		•
Kuga	2008 - 2013	-	C/D		
Kuga (New)	2013 - 2013	-	C/D		
Maverick	1993 - 2000	-	C/D		
Mondeo	1993 - 1994	-			
Mondeo	2001 - 2007	-	C/D		
Mondeo	2008 - 2013	-	C/D		•,C
Mondeo (2007)	2008 - 2007	-	C/D		•,C
Puma	1997 - 2002	-			
Ranger	2006 - 2013	-	C/D		
Ranger (2011)	2011 - 2011	-	C/D		
Sierra/Sapphire	1992 - 1994	-			
S-Max	2007 - 2013	-	C/D		•,C
Street Ka	2002 - 2009	-	C/D		
Transit	1992 - 2000	-			
Transit	2000 - 2013	-	C/D		
Transit (2006)	2006 - 2006	-	C/D		
Transit Connect	2002 - 2013	-	C/D		
Transit Custom	2012 - 2013	-	C/D		

## Antilock Brakes Continued

FORD					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Escort Cosworth	1992 - 1996	-			
Escort/Orion	1992 - 1994	-			
Fiesta	1995 - 2009	-	C		
Fiesta (2008)	2008 - 2009	-	C/D		•
Fiesta (New)	2012 - 2012	-	C/D		•
Fiesta	2013 - 2013	-	C/D		•
Focus	1998 - 2005	-	C		
Focus (2005)	2005 - 2011	-	C		
Focus (2011)	2011 - 2011	-	C/D		•,S
Focus	2012 - 2013	-	C/D		•,S
Focus C-Max	2003 - 2010	-	C		
Fusion	2002 - 2013	-	C		
Galaxy	2001 - 2006	-	ABS_CODES_ONLY		
Galaxy	2001 - 2006	-	ABS01		
Galaxy	2001 - 2006	-	ABS02		
Galaxy	2001 - 2006	-	ABS03		
Galaxy	2001 - 2006	-	ABS04		
Galaxy	2001 - 2006	-	ABS05		
Galaxy	2001 - 2006	-	ABS06		
Galaxy	2001 - 2006	-	ABS07		
Galaxy	2001 - 2006	-	ABS08		
Galaxy	2001 - 2006	-	ABS09		
Galaxy	2001 - 2006	-	ABS10		
Galaxy	2001 - 2006	-	ABS11		
Galaxy	2001 - 2006	-	ABS12		
Galaxy	2001 - 2006	-	ABS13		
Galaxy	2001 - 2006	-	ABS14		
Galaxy	2001 - 2006	-	ABS15		
Galaxy	2001 - 2006	-	ABS16		
Galaxy	2001 - 2006	-	ABS17		
Galaxy	2001 - 2006	-	ABS18		
Galaxy	2001 - 2006	-	ABS19		
Galaxy	2001 - 2006	-	ABS20		
Galaxy	2001 - 2006	-	ABS21		
Galaxy	2007 - 2013	-	C/D		BB
Galaxy (2006)	2006 - 2006	-	C/D		BB
Granada/Scorpio	1992 - 1995	-			
Ka	1996 - 2009	-	C		
Ka	2010 - 2013	-	C/D		•
Ka (2008)	2008 - 2009	-	C/D		•
Kuga	2008 - 2013	-	C/D		•
Kuga (New)	2013 - 2013	-	C/D		•,S
Mondeo	1993 - 1994	-			
Mondeo	2001 - 2007	-	C		
Mondeo	2007 - 2013	-	C/D		BB
Mondeo (2007)	2007 - 2007	-	C/D		BB
Puma	1997 - 2002	-	C		
Ranger	2006 - 2013	-	C/D		
Ranger (2011)	2011 - 2011	-	C/D		
S-Max	2007 - 2013	-	C/D		BB
Street Ka	2002 - 2009	-	C/D		
Street Ka	2004 - 2009	-	C		
Transit	1992 - 2000	-			
Transit	2000 - 2006	-	C		
Transit	2007 - 2013	-	C/D		BB
Transit (2006)	2006 - 2006	-	C/D		BB
Transit Connect	2002 - 2013	-	C/D		•
Transit Custom	2012 - 2013	-	C/D		•

## Auto Transmission

FORD					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
B-Max	2013 - 2013	-	C/D		
C-Max	2010 - 2013	-	C/D		
Fiesta	2002 - 2009	-	C		
Fiesta	2013 - 2013	-	C/D		
Fiesta (2008)	2008 - 2009	-	C/D		
Fiesta (New)	2012 - 2012	-	C/D		
Focus	2006 - 2010	-	C		
Focus	2012 - 2013	-	C/D		
Focus (2005)	2005 - 2011	-	C		
Focus (2011)	2011 - 2011	-	C/D		
Focus C-Max	2003 - 2010	-	C		
Fusion	2002 - 2013	-	C		
Galaxy	2001 - 2006	-	AT_CODES_ONLY		
Galaxy	2001 - 2006	-	AT0011		•
Galaxy	2001 - 2006	-	AT0181		•
Galaxy	2001 - 2006	-	AT01J1		•
Galaxy	2001 - 2006	-	AT01K1		•
Galaxy	2001 - 2006	-	AT01K2		•
Galaxy	2001 - 2006	-	AT01L1		•
Galaxy	2001 - 2006	-	AT01L2		•
Galaxy	2001 - 2006	-	AT01L3		•
Galaxy	2001 - 2006	-	AT01M1		•
Galaxy	2001 - 2006	-	AT01N1		•
Galaxy	2001 - 2006	-	AT01V1		•
Galaxy	2001 - 2006	-	AT01V2		•
Galaxy	2001 - 2006	-	AT01V3		•
Galaxy	2001 - 2006	-	AT01V4		•
Galaxy	2001 - 2006	-	AT01V5		•
Galaxy	2001 - 2006	-	AT01V6		•
Galaxy	2001 - 2006	-	AT0851		•
Galaxy	2001 - 2006	-	AT0961		•
Galaxy	2001 - 2006	-	AT0991		•
Galaxy	2001 - 2006	-	AT09B1		•
Galaxy	2001 - 2006	-	AT09B2		•
Galaxy	2007 - 2013	-	C/D		
Galaxy (2006)	2006 - 2006	-	C/D		
Kuga	2008 - 2013	-	C/D		
Kuga (New)	2013 - 2013	-	C/D		
Mondeo	2008 - 2013	-	C/D		
Mondeo (2007)	2007 - 2007	-	C/D		
Ranger	2006 - 2011	-	C/D		
Ranger	2012 - 2013	-	C		
Ranger (2011)	2011 - 2011	-	C		
S-Max	2006 - 2013	-	C/D		
Transit	2000 - 2006	-	C		

## Antilock Brakes

FORD					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
B-Max	2013 - 2013	-	C/D		•
C-Max	2010 - 2013	-	C/D		•,S
Cougar	1998 - 2002	-	C		
Escort	1995 - 2002	-	C		

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flywheel, I - Injector Coding, O - Oil reset for DPF, P - Particulate Filter, R - Rearview, RA - Reset Adaptations, S - Steering Angle Sensor, E - Electronic Body Keam, Jk - Jumper or Type Semi Auto, \* - Other (see table on page 263) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

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 Key for Special Functions: BB-Brake Bleed, BS-Brake Service, C-Crash Data, CF-Configuration, E-EGS, F-Flywheel, I-Injector Coding, O-Oil reset for DPF, P-Particulate Filter, R-Release, RA-Reset Adaptations, S-Steering Angle Sensor, E-1-Drive, H-Heater, J-1-Drive, K-1-Drive, L-1-Drive, M-1-Drive, N-1-Drive, O-1-Drive, P-1-Drive, R-1-Drive, S-1-Drive, T-1-Drive, U-1-Drive, V-1-Drive, W-1-Drive, X-1-Drive, Y-1-Drive, Z-1-Drive, AA-1-Drive, AB-1-Drive, AC-1-Drive, AD-1-Drive, AE-1-Drive, AF-1-Drive, AG-1-Drive, AH-1-Drive, AI-1-Drive, AJ-1-Drive, AK-1-Drive, AL-1-Drive, AM-1-Drive, AN-1-Drive, AO-1-Drive, AP-1-Drive, AQ-1-Drive, AR-1-Drive, AS-1-Drive, AT-1-Drive, AU-1-Drive, AV-1-Drive, AW-1-Drive, AX-1-Drive, AY-1-Drive, AZ-1-Drive, BA-1-Drive, BB-1-Drive, BC-1-Drive, BD-1-Drive, BE-1-Drive, BF-1-Drive, BG-1-Drive, BH-1-Drive, BI-1-Drive, BJ-1-Drive, BK-1-Drive, BL-1-Drive, BM-1-Drive, BN-1-Drive, BO-1-Drive, BP-1-Drive, BQ-1-Drive, BR-1-Drive, BS-1-Drive, BT-1-Drive, BU-1-Drive, BV-1-Drive, BW-1-Drive, BX-1-Drive, BY-1-Drive, BZ-1-Drive, CA-1-Drive, CB-1-Drive, CC-1-Drive, CD-1-Drive, CE-1-Drive, CF-1-Drive, CG-1-Drive, CH-1-Drive, CI-1-Drive, CJ-1-Drive, CK-1-Drive, CL-1-Drive, CM-1-Drive, CN-1-Drive, CO-1-Drive, CP-1-Drive, CQ-1-Drive, CR-1-Drive, CS-1-Drive, CT-1-Drive, CU-1-Drive, CV-1-Drive, CW-1-Drive, CX-1-Drive, CY-1-Drive, CZ-1-Drive, DA-1-Drive, DB-1-Drive, DC-1-Drive, DD-1-Drive, DE-1-Drive, DF-1-Drive, DG-1-Drive, DH-1-Drive, DI-1-Drive, DJ-1-Drive, DK-1-Drive, DL-1-Drive, DM-1-Drive, DN-1-Drive, DO-1-Drive, DP-1-Drive, DQ-1-Drive, DR-1-Drive, DS-1-Drive, DT-1-Drive, DU-1-Drive, DV-1-Drive, DW-1-Drive, DX-1-Drive, DY-1-Drive, DZ-1-Drive, EA-1-Drive, EB-1-Drive, EC-1-Drive, ED-1-Drive, EE-1-Drive, EF-1-Drive, EG-1-Drive, EH-1-Drive, EI-1-Drive, EJ-1-Drive, EK-1-Drive, EL-1-Drive, EM-1-Drive, EN-1-Drive, EO-1-Drive, EP-1-Drive, EQ-1-Drive, ER-1-Drive, ES-1-Drive, ET-1-Drive, EU-1-Drive, EV-1-Drive, EW-1-Drive, EX-1-Drive, EY-1-Drive, EZ-1-Drive, FA-1-Drive, FB-1-Drive, FC-1-Drive, FD-1-Drive, FE-1-Drive, FF-1-Drive, FG-1-Drive, FH-1-Drive, FI-1-Drive, FJ-1-Drive, FK-1-Drive, FL-1-Drive, FM-1-Drive, FN-1-Drive, FO-1-Drive, FP-1-Drive, FQ-1-Drive, FR-1-Drive, FS-1-Drive, FT-1-Drive, FU-1-Drive, FV-1-Drive, FW-1-Drive, FX-1-Drive, FY-1-Drive, FZ-1-Drive, GA-1-Drive, GB-1-Drive, GC-1-Drive, GD-1-Drive, GE-1-Drive, GF-1-Drive, GH-1-Drive, GI-1-Drive, GJ-1-Drive, GK-1-Drive, GL-1-Drive, GM-1-Drive, GN-1-Drive, GO-1-Drive, GP-1-Drive, GQ-1-Drive, GR-1-Drive, GS-1-Drive, GT-1-Drive, GU-1-Drive, GV-1-Drive, GW-1-Drive, GX-1-Drive, GY-1-Drive, GZ-1-Drive, HA-1-Drive, HB-1-Drive, HC-1-Drive, HD-1-Drive, HE-1-Drive, HF-1-Drive, HG-1-Drive, HH-1-Drive, HI-1-Drive, HJ-1-Drive, HK-1-Drive, HL-1-Drive, HM-1-Drive, HN-1-Drive, HO-1-Drive, HP-1-Drive, HQ-1-Drive, HR-1-Drive, HS-1-Drive, HT-1-Drive, HU-1-Drive, HV-1-Drive, HW-1-Drive, HX-1-Drive, HY-1-Drive, HZ-1-Drive, IA-1-Drive, IB-1-Drive, IC-1-Drive, ID-1-Drive, IE-1-Drive, IF-1-Drive, IG-1-Drive, IH-1-Drive, II-1-Drive, IJ-1-Drive, IK-1-Drive, IL-1-Drive, IM-1-Drive, IN-1-Drive, IO-1-Drive, IP-1-Drive, IQ-1-Drive, IR-1-Drive, IS-1-Drive, IT-1-Drive, IU-1-Drive, IV-1-Drive, IW-1-Drive, IX-1-Drive, IY-1-Drive, IZ-1-Drive, JA-1-Drive, JB-1-Drive, JC-1-Drive, JD-1-Drive, JE-1-Drive, JF-1-Drive, JG-1-Drive, JH-1-Drive, JI-1-Drive, JJ-1-Drive, JK-1-Drive, JL-1-Drive, JM-1-Drive, JN-1-Drive, JO-1-Drive, JP-1-Drive, JQ-1-Drive, JR-1-Drive, JS-1-Drive, JT-1-Drive, JU-1-Drive, JV-1-Drive, JW-1-Drive, JX-1-Drive, JY-1-Drive, JZ-1-Drive, KA-1-Drive, KB-1-Drive, KC-1-Drive, KD-1-Drive, KE-1-Drive, KF-1-Drive, KG-1-Drive, KH-1-Drive, KI-1-Drive, KJ-1-Drive, KK-1-Drive, KL-1-Drive, KM-1-Drive, KN-1-Drive, KO-1-Drive, KP-1-Drive, KQ-1-Drive, KR-1-Drive, KS-1-Drive, KT-1-Drive, KU-1-Drive, KV-1-Drive, KW-1-Drive, KX-1-Drive, KY-1-Drive, KZ-1-Drive, LA-1-Drive, LB-1-Drive, LC-1-Drive, LD-1-Drive, LE-1-Drive, LF-1-Drive, LG-1-Drive, LH-1-Drive, LI-1-Drive, LJ-1-Drive, LK-1-Drive, LL-1-Drive, LM-1-Drive, LN-1-Drive, LO-1-Drive, LP-1-Drive, LQ-1-Drive, LR-1-Drive, LS-1-Drive, LT-1-Drive, LU-1-Drive, LV-1-Drive, LW-1-Drive, LX-1-Drive, LY-1-Drive, LZ-1-Drive, MA-1-Drive, MB-1-Drive, MC-1-Drive, MD-1-Drive, ME-1-Drive, MF-1-Drive, MG-1-Drive, MH-1-Drive, MI-1-Drive, MJ-1-Drive, MK-1-Drive, ML-1-Drive, MN-1-Drive, MO-1-Drive, MP-1-Drive, MQ-1-Drive, MR-1-Drive, MS-1-Drive, MT-1-Drive, MU-1-Drive, MV-1-Drive, MW-1-Drive, MX-1-Drive, MY-1-Drive, MZ-1-Drive, NA-1-Drive, NB-1-Drive, NC-1-Drive, ND-1-Drive, NE-1-Drive, NF-1-Drive, NG-1-Drive, NH-1-Drive, NI-1-Drive, NJ-1-Drive, NK-1-Drive, NL-1-Drive, NM-1-Drive, NO-1-Drive, NP-1-Drive, NQ-1-Drive, NR-1-Drive, NS-1-Drive, NT-1-Drive, NU-1-Drive, NV-1-Drive, NW-1-Drive, NX-1-Drive, NY-1-Drive, NZ-1-Drive, OA-1-Drive, OB-1-Drive, OC-1-Drive, OD-1-Drive, OE-1-Drive, OF-1-Drive, OG-1-Drive, OH-1-Drive, OI-1-Drive, OJ-1-Drive, OK-1-Drive, OL-1-Drive, OM-1-Drive, ON-1-Drive, OO-1-Drive, OP-1-Drive, OQ-1-Drive, OR-1-Drive, OS-1-Drive, OT-1-Drive, OU-1-Drive, OV-1-Drive, OW-1-Drive, OX-1-Drive, OY-1-Drive, OZ-1-Drive, PA-1-Drive, PB-1-Drive, PC-1-Drive, PD-1-Drive, PE-1-Drive, PF-1-Drive, PG-1-Drive, PH-1-Drive, PI-1-Drive, PJ-1-Drive, PK-1-Drive, PL-1-Drive, PM-1-Drive, PN-1-Drive, PO-1-Drive, PP-1-Drive, PQ-1-Drive, PR-1-Drive, PS-1-Drive, PT-1-Drive, PU-1-Drive, PV-1-Drive, PW-1-Drive, PX-1-Drive, PY-1-Drive, PZ-1-Drive, QA-1-Drive, QB-1-Drive, QC-1-Drive, QD-1-Drive, QE-1-Drive, QF-1-Drive, QG-1-Drive, QH-1-Drive, QI-1-Drive, QJ-1-Drive, QK-1-Drive, QL-1-Drive, QM-1-Drive, QN-1-Drive, QO-1-Drive, QP-1-Drive, QQ-1-Drive, QR-1-Drive, QS-1-Drive, QT-1-Drive, QU-1-Drive, QV-1-Drive, QW-1-Drive, QX-1-Drive, QY-1-Drive, QZ-1-Drive, RA-1-Drive, RB-1-Drive, RC-1-Drive, RD-1-Drive, RE-1-Drive, RF-1-Drive, RG-1-Drive, RH-1-Drive, RI-1-Drive, RJ-1-Drive, RK-1-Drive, RL-1-Drive, RM-1-Drive, RN-1-Drive, RO-1-Drive, RP-1-Drive, RQ-1-Drive, RR-1-Drive, RS-1-Drive, RT-1-Drive, RU-1-Drive, RV-1-Drive, RW-1-Drive, RX-1-Drive, RY-1-Drive, RZ-1-Drive, SA-1-Drive, SB-1-Drive, SC-1-Drive, SD-1-Drive, SE-1-Drive, SF-1-Drive, SG-1-Drive, SH-1-Drive, SI-1-Drive, SJ-1-Drive, SK-1-Drive, SL-1-Drive, SM-1-Drive, SN-1-Drive, SO-1-Drive, SP-1-Drive, SQ-1-Drive, SR-1-Drive, SS-1-Drive, ST-1-Drive, SU-1-Drive, SV-1-Drive, SW-1-Drive, SX-1-Drive, SY-1-Drive, SZ-1-Drive, TA-1-Drive, TB-1-Drive, TC-1-Drive, TD-1-Drive, TE-1-Drive, TF-1-Drive, TG-1-Drive, TH-1-Drive, TI-1-Drive, TJ-1-Drive, TK-1-Drive, TL-1-Drive, TM-1-Drive, TN-1-Drive, TO-1-Drive, TP-1-Drive, TQ-1-Drive, TR-1-Drive, TS-1-Drive, TT-1-Drive, TU-1-Drive, TV-1-Drive, TW-1-Drive, TX-1-Drive, TY-1-Drive, TZ-1-Drive, UA-1-Drive, UB-1-Drive, UC-1-Drive, UD-1-Drive, UE-1-Drive, UF-1-Drive, UG-1-Drive, UH-1-Drive, UI-1-Drive, UJ-1-Drive, UK-1-Drive, UL-1-Drive, UM-1-Drive, UN-1-Drive, UO-1-Drive, UP-1-Drive, UQ-1-Drive, UR-1-Drive, US-1-Drive, UT-1-Drive, UU-1-Drive, UV-1-Drive, UW-1-Drive, UX-1-Drive, UY-1-Drive, UZ-1-Drive, VA-1-Drive, VB-1-Drive, VC-1-Drive, VD-1-Drive, VE-1-Drive, VF-1-Drive, VG-1-Drive, VH-1-Drive, VI-1-Drive, VJ-1-Drive, VK-1-Drive, VL-1-Drive, VM-1-Drive, VN-1-Drive, VO-1-Drive, VP-1-Drive, VQ-1-Drive, VR-1-Drive, VS-1-Drive, VT-1-Drive, VU-1-Drive, VV-1-Drive, VW-1-Drive, VX-1-Drive, VY-1-Drive, VZ-1-Drive, WA-1-Drive, WB-1-Drive, WC-1-Drive, WD-1-Drive, WE-1-Drive, WF-1-Drive, WG-1-Drive, WH-1-Drive, WI-1-Drive, WJ-1-Drive, WK-1-Drive, WL-1-Drive, WM-1-Drive, WN-1-Drive, WO-1-Drive, WP-1-Drive, WQ-1-Drive, WR-1-Drive, WS-1-Drive, WT-1-Drive, WU-1-Drive, WV-1-Drive, WW-1-Drive, WX-1-Drive, WY-1-Drive, WZ-1-Drive, XA-1-Drive, XB-1-Drive, XC-1-Drive, XD-1-Drive, XE-1-Drive, XF-1-Drive, XG-1-Drive, XH-1-Drive, XI-1-Drive, XJ-1-Drive, XK-1-Drive, XL-1-Drive, XM-1-Drive, XN-1-Drive, XO-1-Drive, XP-1-Drive, XQ-1-Drive, XR-1-Drive, XS-1-Drive, XT-1-Drive, XU-1-Drive, XV-1-Drive, XW-1-Drive, XX-1-Drive, XY-1-Drive, XZ-1-Drive, YA-1-Drive, YB-1-Drive, YC-1-Drive, YD-1-Drive, YE-1-Drive, YF-1-Drive, YG-1-Drive, YH-1-Drive, YI-1-Drive, YJ-1-Drive, YK-1-Drive, YL-1-Drive, YM-1-Drive, YN-1-Drive, YO-1-Drive, YP-1-Drive, YQ-1-Drive, YR-1-Drive, YS-1-Drive, YT-1-Drive, YU-1-Drive, YV-1-Drive, YW-1-Drive, YX-1-Drive, YY-1-Drive, YZ-1-Drive, ZA-1-Drive, ZB-1-Drive, ZC-1-Drive, ZD-1-Drive, ZE-1-Drive, ZF-1-Drive, ZG-1-Drive, ZH-1-Drive, ZI-1-Drive, ZJ-1-Drive, ZK-1-Drive, ZL-1-Drive, ZM-1-Drive, ZN-1-Drive, ZO-1-Drive, ZP-1-Drive, ZQ-1-Drive, ZR-1-Drive, ZS-1-Drive, ZT-1-Drive, ZU-1-Drive, ZV-1-Drive, ZW-1-Drive, ZX-1-Drive, ZY-1-Drive, ZZ-1-Drive.

## Instrument Panel

FORD					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
B-Max	2013 - 2013	-	C/D		
C-Max	2010 - 2013	-	C/D		
Cougar	1998 - 2002	-	C		
Escort	1995 - 2002	-	C		
Escort/Orion	1992 - 1994	-	C		
Fiesta	1996 - 2002	-	C		
Fiesta	2002 - 2008	-	C/D		
Fiesta (2008)	2008 - 2009	-	C/D		
Fiesta	2009 - 2012	-	C/D		
Fiesta (New)	2012 - 2012	-	C/D		
Fiesta	2013 - 2013	-	C/D		
Focus	1998 - 2005	-	C		
Focus (2005)	2005 - 2011	-	C		
Focus (2011)	2011 - 2011	-	C/D		
Focus	2012 - 2013	-	C/D		
Focus C-Max	2004 - 2010	-	C		
Fusion	2002 - 2013	-	C/D		
Galaxy	2001 - 2006	ATM_CODES_ONLY	C/D	•	
Galaxy	2001 - 2006	ATM_DEMO	C/D		
Galaxy	2001 - 2006	ATM_ID	C/D		
Galaxy	2001 - 2006	ATM_M04	C/D		
Galaxy	2001 - 2006	ATM_M05	C/D	•	
Galaxy	2001 - 2006	ATM_M06	C/D		
Galaxy	2001 - 2006	ATM_M07	C/D	•	
Galaxy	2001 - 2006	ATM_M09	C/D	•	
Galaxy	2001 - 2006	ATM_M10	C/D	•	
Galaxy	2001 - 2006	ATM_M11	C/D		
Galaxy	2001 - 2006	ATM_M12	C/D		
Galaxy	2001 - 2006	ATM_M13	C/D		
Galaxy	2001 - 2006	ATM_M15	C/D		
Galaxy	2001 - 2006	ATM_M16	C/D		
Galaxy	2001 - 2006	ATM_M17	C/D	•	
Galaxy	2001 - 2006	ATM_M18	C/D	•	
Galaxy	2001 - 2006	ATM_M19	C/D	•	
Galaxy	2001 - 2006	ATM_M20	C/D	•	
Galaxy	2001 - 2006	ATM_M21	C/D	•	
Galaxy	2001 - 2006	ATM_UNK	C/D		
Galaxy	2007 - 2013	-	C/D		
Galaxy (2006)	2006 - 2006	-	C/D		
Ka	1996 - 2009	-			
Kuga	2008 - 2013	-	C/D	•	
Kuga (New)	2013 - 2013	-	C/D		
Maverick	1993 - 2000	-			
Mondeo	2001 - 2007	-	C		
Mondeo	2001 - 2013	-	C/D		
Mondeo (2007)	2007 - 2007	-	C/D		
Puma	1997 - 2002	-	C		
Ranger	2012 - 2013	-	C/D		
Ranger (2011)	2011 - 2011	-	C/D		
S-Max	2006 - 2013	-	C/D		
Street Ka	2002 - 2009	-	C/D		
Street Ka	2003 - 2009	-	C/D		
Transit	2000 - 2006	-	C		
Transit	2007 - 2013	-	C/D		
Transit (2006)	2006 - 2006	-	C/D		
Transit Connect	2002 - 2013	-	C		
Transit Custom	2012 - 2013	-	C/D		

## Other

FORD					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Galaxy	2001 - 2006	GENERAL_AIRCO	C/D		
Galaxy	2001 - 2006	ATM_ID	C/D		
Galaxy	2001 - 2006	ATM_M12	C/D		
Galaxy	2001 - 2006	CEN_CODES_ONLY	C/D		
Galaxy	2001 - 2006	STEERING_WHEEL_ELECTRONICS	C/D		
Galaxy	2001 - 2006	GENERAL_HEATER	C/D		
Galaxy	2001 - 2006	CAN_BUS_INTERFACE	C/D		
Galaxy	2001 - 2006	4WD_ELECTRONICS	C/D		
Galaxy	2001 - 2006	GENERAL_IMMOBILIZER	C/D		
Galaxy	2001 - 2006	IMMO_Bitte_Adresse_17_eingeben	C/D		
Galaxy	2001 - 2006	LIGHT_CONTROL_LEFT	C/D		
Galaxy	2001 - 2006	SEAT_ADJUSTMENT_DRIVER	C/D		
Galaxy	2001 - 2006	NAVIGATION_SYSTEM	C/D		
Galaxy	2001 - 2006	LIGHT_CONTROL_RIGHT	C/D		
Galaxy	2001 - 2006	STEERING_HELP	C/D		
Galaxy	2001 - 2006	ALARM_SYSTEM_INTERIOR	C/D		
Galaxy	2001 - 2006	COMFORT_SYSTEMS	C/D		
Galaxy	2001 - 2006	LVL_CTRL_XENON_LIGHTS	C/D		
Galaxy	2001 - 2006	GENERAL_RADIO	C/D		
Galaxy	2001 - 2006	PARKING_HELP	C/D		
Kuga (New)	2013 - 2013	-	C/D		
B-Max	2013 - 2013	-	C/D		
Fiesta	2013 - 2013	-	C/D		
Fiesta (New)	2012 - 2012	-	C/D		
Transit Custom	2012 - 2013	-	C/D		
Kuga	2008 - 2013	-	C/D		
Focus	2012 - 2013	-	C/D		
Focus	1998 - 2005	-	C		
Fiesta (2008)	2008 - 2009	-	C/D		
Fiesta (New)	2012 - 2012	-	C/D		
Fiesta	2003 - 2009	-	C		
B-Max	2013 - 2013	-	C/D		
Focus	2006 - 2010	-	C		
Focus	2012 - 2013	-	C/D		
Kuga	2008 - 2013	-	C/D		
Kuga (New)	2013 - 2013	-	C/D		
Mondeo (2007)	2007 - 2007	-	C/D		
Mondeo	2008 - 2013	-	C/D		
Galaxy	2007 - 2013	-	C/D		
Galaxy (2006)	2006 - 2006	-	C/D		

## Other Continued

FORD					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Transit Custom	2012 - 2013	-	C/D		
Transit Connect	2006 - 2013	-	C		
Transit	2007 - 2013	-	C		
Transit (2006)	2006 - 2006	-	C		
Ranger	2012 - 2013	-	C/D		
Ranger (2011)	2011 - 2011	-	C/D		
S-Max	2006 - 2013	-	C/D		
S-Max	2006 - 2013	-	C/D		
Transit Custom	2012 - 2013	-	C/D		
Galaxy (2006)	2006 - 2006	-	C/D		
Galaxy	2007 - 2013	-	C/D		
Mondeo	2008 - 2013	-	C/D		
Mondeo (2007)	2007 - 2007	-	C/D		
Kuga (New)	2013 - 2013	-	C/D		
Focus	2012 - 2013	-	C/D		
Focus (2011)	2011 - 2011	-	C/D		
Focus (2011)	2011 - 2011	-	C/D		
Focus (2011)	2011 - 2011	-	C/D		
Focus (2011)	2011 - 2011	-	C/D	•	
C-Max	2010 - 2013	-	C/D		
C-Max	2010 - 2013	-	C/D		
C-Max	2010 - 2013	-	C/D		
C-Max	2010 - 2013	-	C/D	•	
B-Max	2013 - 2013	-	C/D		
Fiesta (New)	2012 - 2012	-	C/D		
Fiesta (2008)	2008 - 2009	-	C/D		
Focus	1998 - 2010	-	C		
Focus (2011)	2011 - 2011	-	C/D	•	
Focus	2012 - 2013	-	C/D	•	
Focus (2005)	2005 - 2011	-	C		
Focus C-Max	2003 - 2010	-	C		
Focus C-Max	2003 - 2010	-	C		
Fusion	2002 - 2013	-	C		
Fusion	2002 - 2013	-	C		
Fusion	2002 - 2013	-	C/D	•	
Maverick	1993 - 2000	-	C		
Kuga (New)	2013 - 2013	-	C/D	•	
Kuga	2008 - 2013	-	C/D	•	
Ka	1996 - 2009	-	C		
Mondeo (2007)	2007 - 2007	-	C/D		
Puma	1997 - 2002	-	C		
Mondeo	2001 - 2013	-	C/D		
Mondeo	2001 - 2007	-	C		
Galaxy	2007 - 2013	-	C/D		
Galaxy (2006)	2006 - 2006	-	C/D		
Transit Connect	2008 - 2013	-	C		

## Other Continued

FORD						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
Transit Custom	2012 - 2013	-	C/D			Body Control Module
Transit (2006)	2006 - 2006	-	C/D			Body Control Module
Transit	2007 - 2013	-	C/D			Body Control Module
Street Ka	2002 - 2009	-	C/D			Body Control Module
S-Max	2006 - 2013	-	C/D			Body Control Module
Ranger	2012 - 2013	-	C/D		•	Body Control Module
Ranger (2011)	2011 - 2011	-	C/D		•	Body Control Module
Street Ka	2003 - 2009	-	C			Body Control Module
Scorpio	1994 - 2002	-	C			Body Control Systems
Ranger	2003 - 2006	-	C			Body Control Systems
Transit	1994 - 2000	-	C			Body Control Systems
Windstar	1994 - 2006	-	C			Body Control Systems
Mondeo	1994 - 2000	-	C			Body Control Systems
Maverick	2001 - 2006	-	C			Body Control Systems
Explorer	1995 - 2006	-	C			Body Control Systems
Escort/Orion	1992 - 1994	-	C			Body Control Systems
Galaxy	2010 - 2013	-	C/D			Camera Module Rear
Kuga	2008 - 2013	-	C/D			Camera Module Rear
Mondeo	2008 - 2013	-	C/D			Camera Module Rear
Mondeo (2007)	2007 - 2007	-	C/D			Camera Module Rear
S-Max	2010 - 2013	-	C/D			Camera Module Rear
Street Ka	2002 - 2009	-	C/D			Central Security Module
Transit	2000 - 2013	-	C/D			Central Security Module
Transit (2006)	2006 - 2006	-	C/D			Central Security Module
Transit Connect	2002 - 2013	-	C/D			Central Security Module
Ka	1996 - 2009	-	C/D			Central Security Module
Maverick	1993 - 2000	-	C/D			Central Security Module
Cougar	1998 - 2002	-	C/D			Central Security Module
Escort	1995 - 2002	-	C/D			Central Security Module
Focus	1998 - 2005	-	C/D			Central Security Module
Explorer	1995 - 2006	-	C/D			Climate Control Systems
Escort/Orion	1992 - 1994	-	C/D			Climate Control Systems
Maverick	2001 - 2006	-	C/D			Climate Control Systems
Mondeo	1994 - 2000	-	C/D			Climate Control Systems
Transit	1994 - 2000	-	C/D			Climate Control Systems
Windstar	1994 - 2006	-	C/D			Climate Control Systems
Ranger	2003 - 2006	-	C/D			Climate Control Systems
Scorpio	1994 - 2002	-	C/D			Climate Control Systems
Cougar	1998 - 2002	-				Code Scan
Cougar	1998 - 2002	-				Clear All Vehicle Codes
Fiesta	1995 - 2002	-				Code Scan
Fiesta	1995 - 2002	-				Clear All Vehicle Codes
Fiesta	2002 - 2008	-				Code Scan
Fiesta	2002 - 2008	-				Clear All Vehicle Codes
Fiesta	2008 - 2012	-				Code Scan
Fiesta	2008 - 2012	-				Clear All Vehicle Codes
Fiesta (2008)	2008 - 2009	-				Code Scan
Focus	1998 - 2013	-				Code Scan
Focus (2005)	2005 - 2011	-				Code Scan
Focus (2011)	2011 - 2011	-				Code Scan
Focus C-Max	2003 - 2010	-				Code Scan
Fusion	2002 - 2013	-				Code Scan
Galaxy	2007 - 2013	-				Code Scan
Galaxy (2006)	2006 - 2006	-				Code Scan
Ka	2003 - 2013	-				Code Scan
Ka (2008)	2008 - 2009	-				Code Scan
Kuga	2008 - 2013	-				Code Scan
Mondeo	2001 - 2013	-				Code Scan

## Other Continued

FORD						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
Mondeo (2007)	2007 - 2007	-				Code Scan
Puma	1997 - 2002	-				Code Scan
Ranger	2006 - 2013	-				Code Scan
Ranger (2011)	2011 - 2011	-				Code Scan
S-Max	2006 - 2013	-				Code Scan
Focus (2005)	2005 - 2011	-	C			Body Control Module
Street Ka	2003 - 2009	-				Code Scan
Explorer	1995 - 2006	-	C			Comfort Control Systems
Escort/Orion	1992 - 1994	-	C			Comfort Control Systems
Maverick	2001 - 2006	-	C			Comfort Control Systems
Mondeo	1994 - 2000	-	C			Comfort Control Systems
Transit	1994 - 2000	-	C			Comfort Control Systems
Windstar	1994 - 2006	-	C			Comfort Control Systems
Ranger	2003 - 2006	-	C			Comfort Control Systems
Scorpio	1994 - 2002	-	C			Comfort Control Systems
Transit Custom	2012 - 2013	-	C/D			Cruise Control Module
Kuga (New)	2013 - 2013	-	C/D			Cruise Control Module
C-Max	2010 - 2013	-	C			Digital Signal Processing Module
Focus (2011)	2011 - 2011	-	C			Digital Signal Processing Module
Focus	2012 - 2013	-	C			Digital Signal Processing Module
Escort/Orion	1992 - 1994	-	C	•		Door Control Systems
Explorer	1995 - 2006	-	C	•		Door Control Systems
Maverick	2001 - 2006	-	C	•		Door Control Systems
Mondeo	1994 - 2000	-	C	•		Door Control Systems
Transit	1994 - 2000	-	C	•		Door Control Systems
Windstar	1994 - 2006	-	C	•		Door Control Systems
Ranger	2003 - 2006	-	C	•		Door Control Systems
Scorpio	1994 - 2002	-	C	•		Door Control Systems
S-Max	2006 - 2013	-	C/D			Door Module - Drivers
Ranger (2011)	2011 - 2011	-	C/D			Door Module - Drivers
Ranger	2012 - 2013	-	C/D			Door Module - Drivers
Mondeo (2007)	2008 - 2013	-	C/D			Door Module - Drivers
Kuga (New)	2013 - 2013	-	C/D			Door Module - Drivers
Kuga	2008 - 2013	-	C/D			Door Module - Drivers
Galaxy (2006)	2006 - 2006	-	C/D			Door Module - Drivers
Galaxy	2007 - 2013	-	C/D			Door Module - Drivers
Fiesta	2007 - 2013	-	C/D			Audio Control Module
Fiesta	1995 - 2002	-	C			Body Control Module
Fiesta	2002 - 2010	-	C/D	•		Body Control Module
Fiesta	2010 - 2013	-	C/D			Body Control Module
Transit	2000 - 2013	-				Code Scan
Fiesta	2013 - 2013	-	C/D			Door Module - Drivers
Fiesta (New)	2012 - 2012	-	C/D			Door Module - Drivers
B-Max	2013 - 2013	-	C/D			Door Module - Drivers
C-Max	2010 - 2013	-	C/D			Door Module - Drivers
C-Max	2010 - 2013	-	C/D			Door Module - Drivers
Focus	2006 - 2010	-	C			Door Module - Drivers
Focus (2005)	2005 - 2011	-	C			Door Module - Drivers
Focus (2011)	2011 - 2011	-	C			Door Module - Drivers
Mondeo (2007)	2007 - 2007	-	C/D			Door Module - Drivers
Mondeo	2001 - 2013	-	C/D			Door Module - Drivers
Kuga	2008 - 2013	-	C/D			Door Module - Drivers
Kuga (New)	2013 - 2013	-	C/D			Door Module - Drivers
Galaxy (2006)	2006 - 2006	-	C/D			Door Module - Passengers
Galaxy (2006)	2006 - 2006	-	C/D			Door Module - Passengers
Focus (2005)	2005 - 2011	-	C			Door Module - Passengers

## Other Continued

FORD						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
Focus	2006 - 2010	-	C			Door Module - Passengers
C-Max	2010 - 2013	-	C/D			Door Module - Passengers
B-Max	2013 - 2013	-	C/D			Door Module - Passengers
Fiesta (New)	2012 - 2012	-	C/D			Door Module - Passengers
Fiesta	2013 - 2013	-	C/D			Door Module - Passengers
Galaxy	2007 - 2013	-	C/D			Door Module - Passengers
Galaxy (2006)	2006 - 2006	-	C/D			Door Module - Passengers
Kuga	2008 - 2013	-	C/D			Door Module - Passengers
Kuga (New)	2013 - 2013	-	C/D			Door Module - Passengers
Mondeo (2007)	2007 - 2007	-	C/D			Door Module - Passengers
Mondeo	2008 - 2013	-	C/D			Door Module - Passengers
Ranger	2012 - 2013	-	C/D			Door Module - Passengers
Ranger (2011)	2011 - 2011	-	C/D			Door Module - Passengers
S-Max	2006 - 2013	-	C/D			Door Module - Passengers
Focus	2006 - 2010	-	C			Door Module - Rear Drivers
Focus (2005)	2005 - 2011	-	C			Door Module - Rear Drivers
Focus C-Max	2003 - 2010	-	C			Door Module - Rear Drivers
Focus C-Max	2003 - 2010	-	C			Door Module - Rear Pas- sengers
Focus (2005)	2005 - 2011	-	C			Door Module - Rear Pas- sengers
Focus	2006 - 2010	-	C			Door Module - Rear Pas- sengers
Mondeo	2008 - 2013	-	C/D			Drivers Seat Module
Mondeo (2007)	2007 - 2007	-	C/D			Drivers Seat Module
Galaxy	2010 - 2013	-	C/D			Drivers Seat Module
S-Max	2010 - 2013	-	C/D			Drivers Seat Module
Scorpio	1994 - 2002	-	C/D	•	•	EECV System
Escort	1996 - 2002	-	C/D	•	•	EECV System
B-Max	2013 - 2013	-	C/D			Electronic Air Temperature Control
C-Max	2010 - 2013	-	C/D			Electronic Air Temperature Control
Fiesta (2008)	2008 - 2009	-	C/D			Electronic Air Temperature Control
Fiesta (New)	2012 - 2012	-	C/D			Electronic Air Temperature Control
Focus	1998 - 2010	-	C			Electronic Air Temperature Control
Focus C-Max	2003 - 2010	-	C			Electronic Air Temperature Control
Transit Connect	2002 - 2013	-				Code Scan
Focus (2005)	2005 - 2011	-	C			Electronic Air Temperature Control
Focus	2012 - 2013	-	C/D			Electronic Air Temperature Control
Focus (2011)	2011 - 2011	-	C/D			Electronic Air Temperature Control
Mondeo (2007)	2007 - 2007	-	C/D			Electronic Air Temperature Control
Mondeo	2001 - 2013	-	C/D			Electronic Air Temperature Control
Kuga	2008 - 2013	-	C/D			Electronic Air Temperature Control
Kuga (New)	2013 - 2013	-	C/D			Electronic Air Temperature Control
Galaxy (2006)	2006 - 2006	-	C/D			Electronic Air Temperature Control

Key for Special Functions: BB-Brake Bleed, BS-Brake Service, C-Crash Data, CF-Configuration, E-EGS, F-Flywheel, I-Injector Coding, O-Oil reset for DPF, P-Particulate Filter, R-Release, RA-Reset Adaptations, S-Steering Angle Sensor, E-Electronic Body Release, RA-Release of Type Semi Auto, \* - Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



### Other Continued

FORD						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
Galaxy	2007 - 2013	-	C/D			Electronic Air Temperature Control
S-Max	2006 - 2013	-	C/D			Electronic Air Temperature Control
Ranger (2011)	2011 - 2011	-	C/D			Electronic Air Temperature Control
Ranger	2012 - 2013	-	C/D			Electronic Air Temperature Control
S-Max	2006 - 2013	-	C/D			Electronic Air Temperature Control - Rear
Galaxy	2007 - 2013	-	C/D			Electronic Air Temperature Control - Rear
Galaxy (2006)	2006 - 2006	-	C/D			Electronic Air Temperature Control - Rear
Galaxy	2007 - 2013	-	C/D		BS	Electronic Parking Brake
Galaxy (2006)	2006 - 2006	-	C/D		BS	Electronic Parking Brake
Mondeo	2008 - 2013	-	C/D		BS	Electronic Parking Brake
Mondeo (2007)	2007 - 2007	-	C/D		BS	Electronic Parking Brake
Focus C-Max	2003 - 2010	-	C			Electronic Parking Brake
S-Max	2006 - 2013	-	C/D		BS	Electronic Parking Brake
Transit	2000 - 2006	-	C			Electronic Parking Brake
S-Max	2006 - 2013	-	C/D			Electronic Power Steering
Focus C-Max	2003 - 2010	-	C			Electronic Power Steering
Fusion	2002 - 2013	-	C			Electronic Power Steering
Focus (2011)	2011 - 2011	-	C/D		•	Electronic Power Steering
Focus	2012 - 2013	-	C/D		•	Electronic Power Steering
Focus (2005)	2005 - 2011	-	-			Electronic Power Steering
Focus	2006 - 2010	-	C			Electronic Power Steering
Fiesta	2007 - 2013	-	C/D			Electronic Air Temperature Control
Fiesta	2003 - 2009	-	C			Electronic Air Temperature Control
Fiesta	2003 - 2012	-	C			Electronic Power Steering
Fiesta	2013 - 2013	-	C/D		•,S	Electronic Power Steering
Fiesta (2008)	2008 - 2009	-	C/D		•,S	Electronic Power Steering
Fiesta (New)	2012 - 2012	-	C/D		•,S	Electronic Power Steering
C-Max	2010 - 2013	-	C/D		•	Electronic Power Steering
B-Max	2013 - 2013	-	C/D		•,S	Electronic Power Steering
Mondeo (2007)	2007 - 2007	-	C/D			Electronic Power Steering
Mondeo	2008 - 2013	-	C/D			Electronic Power Steering
Kuga (New)	2013 - 2013	-	C/D		•	Electronic Power Steering
Galaxy (2006)	2006 - 2006	-	C/D			Electronic Power Steering
Galaxy	2007 - 2013	-	C/D			Electronic Power Steering
Kuga	2008 - 2013	-	C/D			Electronic Power Steering Control Module
Focus	2006 - 2010	-	C			Folding Top Control Module
Focus (2005)	2005 - 2011	-	C			Folding Top Control Module
Focus	2012 - 2013	-	C			Front Control Interface Module
Focus (2011)	2011 - 2011	-	C			Front Control Interface Module
C-Max	2010 - 2013	-	C			Front Control Interface Module
B-Max	2013 - 2013	-	C/D			Front Control/Display Interface Module
Fiesta (New)	2012 - 2012	-	C/D			Front Control/Display Interface Module
Fiesta (2008)	2008 - 2009	-	C/D			Front Control/Display Interface Module

### Other Continued

FORD						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
Fiesta	2010 - 2013	-	C/D			Front Control/Display Interface Module
Focus	2012 - 2013	-	C/D			Front Control/Display Interface Module
Focus (2011)	2011 - 2011	-	C/D			Front Control/Display Interface Module
Kuga (New)	2013 - 2013	-	C/D			Front Control/Display Interface Module
Ranger	2012 - 2013	-	C/D			Front Control/Display Interface Module
Ranger (2011)	2011 - 2011	-	C/D			Front Control/Display Interface Module
Kuga (New)	2013 - 2013	-	C/D			Front Distance Sensing Module
Focus (2011)	2011 - 2011	-	C/D			Front Distance Sensing Module
Focus	2012 - 2013	-	C/D			Front Distance Sensing Module
Fiesta	2013 - 2013	-	C/D			Front Distance Sensing Module
Fiesta (New)	2012 - 2012	-	C/D			Front Distance Sensing Module
C-Max	2010 - 2013	-	C/D			Front Control/Display Interface Module
B-Max	2013 - 2013	-	C/D			Front Distance Sensing Module
Focus	2006 - 2010	-	C			Fuel Additive Control Module
Focus (2005)	2005 - 2011	-	C			Fuel Additive Control Module
Focus C-Max	2003 - 2010	-	C			Fuel Additive Control Module
Focus	1998 - 2005	-	C			Fuel Fired Coolant Heating Module
Kuga	2008 - 2013	-	C/D			Fuel Fired Coolant Heating Module
Mondeo	2001 - 2007	-	C			Fuel Fired Coolant Heating Module
Transit	2000 - 2013	-	C			Fuel Fired Coolant Heating Module
Transit Connect	2002 - 2013	-	C			Fuel Fired Coolant Heating Module
Transit (2006)	2006 - 2006	-	C			Fuel Fired Coolant Heating Module
System ID Mode	1992 - 1992	4WD_ELECTRONICS	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS_CODES_ONLY	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS01	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS02	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS03	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS04	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS05	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS06	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS07	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS08	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS09	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS10	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS11	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS12	C/D			Galaxy Sub-Systems

### Other Continued

FORD						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
System ID Mode	1992 - 1992	ABS13	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS14	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS15	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS16	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS17	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS18	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS19	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS20	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ABS21	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	ALARM_SYSTEM_INTERIOR	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT_CODES_ONLY	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT0011	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT0181	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT01J1	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT01K1	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT01K2	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT01L1	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT01L2	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT01L3	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT01M1	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT01N1	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT01V1	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT01V2	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT01V3	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT01V4	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT01V5	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT01V6	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT0851	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT0961	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT0991	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT09B1	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	AT09B2	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_CODES_ONLY	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_DEMO	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_ID	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M04	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M05	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M06	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M07	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M09	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M10	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M11	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M12	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M13	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M15	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M16	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M17	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M18	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M19	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M20	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_M21	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	ATM_UNK	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	CAN_BUS_INTERFACE	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	CEN_CODES_ONLY	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	COMFORT_SYSTEMS	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	GENERAL_AIRBAG	C/D	•		Galaxy Sub-Systems
System ID Mode	1992 - 1992	GENERAL_AIRCO	C/D	•		Galaxy Sub-Systems

Key for Special Functions: BS: Brake Bleed, BSS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, RA: Type/Year or Type/Sem/Auto, •: Other (see table on page 26) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated.

## Other Continued

FORD						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
System ID Mode	1992 - 1992	GENERAL_HEATER	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	GENERAL_IMMOBILIZER	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	GENERAL_RADIO	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	IMMO_Bitte_Adresse_17_ eingeben	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	LIGHT_CONTROL_LEFT	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	LIGHT_CONTROL_RIGHT	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	LVL_CTRL_XENON_LIGHTS	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	NAVIGATION_SYSTEM	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	PARKING_HELP	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	SEAT_ADJUSTMENT_DRIVER	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	STEERING_HELP	C/D			Galaxy Sub-Systems
System ID Mode	1992 - 1992	STEERING_WHEEL_ELECTRONICS	C/D			Galaxy Sub-Systems
B-Max	2013 - 2013	-	C			Gateway Module
B-Max	2013 - 2013	-	C/D			Global Positioning System Module
C-Max	2010 - 2013	-	C/D			Front Distance Sensing Module
C-Max	2010 - 2013	-	C			Global Positioning System Module
Fiesta (New)	2012 - 2012	-	C/D			Global Positioning System Module
Fiesta	2013 - 2013	-	C/D			Global Positioning System Module
Focus	2012 - 2013	-	C			Global Positioning System Module
Focus (2011)	2011 - 2011	-	C			Global Positioning System Module
Kuga (New)	2013 - 2013	-	C/D			Global Positioning System Module
Transit Custom	2012 - 2013	-	C/D			Global Positioning System Module
Transit Custom	2012 - 2013	-	C/D			Headlamp Control Module
S-Max	2006 - 2013	-	C/D			Headlamp Control Module
Kuga (New)	2013 - 2013	-	C/D			Headlamp Control Module
Kuga	2008 - 2013	-	C/D			Headlamp Control Module
Mondeo	2008 - 2013	-	C/D			Headlamp Control Module
Mondeo (2007)	2007 - 2007	-	C/D			Headlamp Control Module
Galaxy	2007 - 2013	-	C/D			Headlamp Control Module
Galaxy (2006)	2006 - 2006	-	C/D			Headlamp Control Module
Focus (2011)	2011 - 2011	-	C/D			Headlamp Control Module
Focus	2006 - 2010	-	C			Headlamp Control Module
Focus (2005)	2005 - 2011	-	C			Headlamp Control Module
Focus	2012 - 2013	-	C/D			Headlamp Control Module
Focus C-Max	2003 - 2010	-	C			Headlamp Control Module
Focus	1998 - 2010	-	C			Headlamp Control Module
C-Max	2010 - 2013	-	C/D			Headlamp Control Module
Mondeo	2001 - 2007	-	C			High Intensity Discharge Lamp - Left
Mondeo	2001 - 2007	-	C			High Intensity Discharge Lamp - Right

## Other Continued

FORD						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
Kuga (New)	2013 - 2013	-	C/D			Image Processing Module A
C-Max	2010 - 2013	-	C			Image Processing Module A
Focus	2012 - 2013	-	C			Image Processing Module A
Focus (2011)	2011 - 2011	-	C			Image Processing Module A
Transit Custom	2012 - 2013	-	C/D			Image Processing Module A
Transit Custom	2012 - 2013	-	C/D			Image Processing Module B
Focus (2011)	2011 - 2011	-	C			Image Processing Module B
Focus	2012 - 2013	-	C			Image Processing Module B
C-Max	2010 - 2013	-	C			Image Processing Module B
Escort	1995 - 2002	-	C/D			Immobilizer (PATS)
Focus	1998 - 2005	-	C			Immobilizer (PATS)
Fiesta (2008)	2008 - 2009	-	C/D			Immobilizer (PATS)
Focus	1998 - 2010	-	C/D			Immobilizer (PATS)
Focus (2005)	2005 - 2011	-	C/D			Immobilizer (PATS)
Focus C-Max	2003 - 2010	-	C/D			Immobilizer (PATS)
Maverick	1993 - 2000	-	C/D			Immobilizer (PATS)
Kuga	2008 - 2013	-	C/D			Immobilizer (PATS)
Galaxy (2006)	2006 - 2006	-	C/D			Immobilizer (PATS)
Galaxy	2007 - 2013	-	C/D			Immobilizer (PATS)
Ka	1996 - 1999	-	C/D			Immobilizer (PATS)
Ka	1996 - 2009	-	C/D			Immobilizer (PATS)
Mondeo (2007)	2007 - 2007	-	C/D			Immobilizer (PATS)
Puma	1997 - 2002	-	C/D			Immobilizer (PATS)
Mondeo	2008 - 2013	-	C/D			Immobilizer (PATS)
Fusion	2002 - 2013	-	C/D			Immobilizer (PATS)
Transit	2007 - 2013	-	C/D			Immobilizer (PATS)
S-Max	2006 - 2013	-	C/D			Immobilizer (PATS)
Street Ka	2002 - 2009	-	C/D			Immobilizer (PATS)
Transit (2006)	2006 - 2006	-	C/D			Immobilizer (PATS)
Transit Connect	2006 - 2013	-	C/D			Immobilizer (PATS)
Ranger	2006 - 2011	-	C/D			Immobilizer (PATS)
Ranger	2003 - 2006	-	C/D			Information Systems
Scorpio	1994 - 2002	-	C/D			Information Systems
Windstar	1994 - 2006	-	C/D			Information Systems
Transit	1994 - 2000	-	C/D			Information Systems
Mondeo	1994 - 2000	-	C/D			Information Systems
Maverick	2001 - 2006	-	C/D			Information Systems
Explorer	1995 - 2006	-	C/D			Information Systems
Escort/Orion	1992 - 1994	-	C/D			Information Systems
Escort/Orion	1992 - 1994	-	-			Key Fob Programming
Explorer	1995 - 2006	-	-			Key Fob Programming
Focus	1998 - 2010	-	-			Key Fob Programming
Focus C-Max	2003 - 2010	-	-			Key Fob Programming
Fusion	2002 - 2013	-	-			Key Fob Programming
Focus (2005)	2005 - 2011	-	-			Key Fob Programming
Maverick	1993 - 2006	-	-			Key Fob Programming
Ka	1996 - 2009	-	-			Key Fob Programming
Mondeo	1994 - 2007	-	-			Key Fob Programming
Puma	1997 - 2002	-	-			Key Fob Programming
Galaxy	2003 - 2006	-	-			Key Fob Programming
Transit	1994 - 2006	-	-			Key Fob Programming
Street Ka	2003 - 2009	-	-			Key Fob Programming
Street Ka	2002 - 2009	-	-			Key Fob Programming
Transit Connect	2002 - 2013	-	-			Key Fob Programming
Windstar	1994 - 2006	-	-			Key Fob Programming
Ranger	1999 - 2011	-	-			Key Fob Programming
Scorpio	1994 - 2002	-	-			Key Fob Programming
Ranger	2003 - 2006	-	-			Light Control Systems

## Other Continued

FORD						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
Scorpio	1994 - 2002	-	C/D			Light Control Systems
Windstar	1994 - 2006	-	C/D			Light Control Systems
Transit	1994 - 2000	-	C/D			Light Control Systems
Maverick	2001 - 2006	-	C/D			Light Control Systems
Mondeo	1994 - 2000	-	C/D			Light Control Systems
Explorer	1995 - 2006	-	C/D			Light Control Systems
Escort/Orion	1992 - 1994	-	C/D			Light Control Systems
Focus	1998 - 2010	-	C			Message Center
Focus (2005)	2005 - 2011	-	C			Message Center
Escort	1995 - 2002	-	-			Key Fob Programming
Escort	1996 - 2002	-	C/D			Non EECV System
Scorpio	1994 - 2002	-	-			Non EECV System
Ranger (2011)	2011 - 2011	-	C/D			Parking Aid Module
Ranger	2012 - 2013	-	C/D			Parking Aid Module
S-Max	2006 - 2013	-	C/D			Parking Aid Module
Transit	2000 - 2006	-	C			Parking Aid Module
Transit Connect	2002 - 2013	-	C			Parking Aid Module
Transit (2006)	2006 - 2006	-	C/D			Parking Aid Module
Transit	2007 - 2013	-	C/D			Parking Aid Module
Transit Custom	2012 - 2013	-	C/D			Parking Aid Module
Mondeo	2008 - 2013	-	C/D			Parking Aid Module
Mondeo (2007)	2007 - 2007	-	C/D			Parking Aid Module
Kuga	2008 - 2013	-	C/D			Parking Aid Module
Kuga (New)	2013 - 2013	-	C/D			Parking Aid Module
Galaxy (2006)	2006 - 2006	-	C/D			Parking Aid Module
Galaxy	2007 - 2013	-	C/D			Parking Aid Module
C-Max	2010 - 2013	-	C/D			Parking Aid Module
Focus C-Max	2003 - 2010	-	C			Parking Aid Module
Focus (2005)	2005 - 2011	-	C			Parking Aid Module
Focus	2012 - 2013	-	C/D			Parking Aid Module
Focus	2006 - 2010	-	C			Parking Aid Module
Focus (2011)	2011 - 2011	-	C/D			Parking Aid Module
Escort/Orion	1992 - 1994	-	C/D			Phone/Audio Systems
Explorer	1995 - 2006	-	C/D			Phone/Audio Systems
Maverick	2001 - 2006	-	C/D			Phone/Audio Systems
Mondeo	1994 - 2000	-	C/D			Phone/Audio Systems
Transit	1994 - 2000	-	C/D			Phone/Audio Systems
Windstar	1994 - 2006	-	C/D			Phone/Audio Systems
Scorpio	1994 - 2002	-	C/D			Phone/Audio Systems
Ranger	2003 - 2006	-	C/D			Phone/Audio Systems
Transit Custom	2012 - 2013	-	C/D			Power Running Board
Transit	1992 - 2000	-	C/D			Powertrain Control Module
Transit	1992 - 2000	-	-			Powertrain Control Module
Probe	1993 - 2002	-	C/D			Powertrain Control Module
Scorpio	1994 - 2002	-	-			Powertrain Control Module
Sierra/Sapphire	1992 - 1994	-	-			Powertrain Control Module
Mondeo	1993 - 1995	-	-			Powertrain Control Module
Mondeo	2001 - 2007	-	C/D			Powertrain Control Module
Ranger	1999 - 2006	-	-			Powertrain Control Module
Maverick	1993 - 2001	-	-			Powertrain Control Module
Granada/Scorpio	1992 - 1995	-	-			Powertrain Control Module
Fiesta	2002 - 2012	-	C/D			Immobilizer (PATS)
Fiesta	1995 - 2002	-	C/D			Immobilizer (PATS)
Fiesta	1995 - 2009	-	-			Key Fob Programming
Fiesta	1992 - 1996	-	-			Powertrain Control Module
Escort/Orion	1992 - 1994	-	C/D			Powertrain Control Module
Escort/Orion	1992 - 1994	-	-			Powertrain Control Module

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil Reset for DPF, P: Particulate Filter, R: Relearn, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertia Body Relearn, RA: Relearn of Type Semi Auto, \* Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Other Continued

FORD						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
Explorer	1993 - 1995	-				Powertrain Control Module
Escort Cosworth	1992 - 1996	-			•, BB, C, BS	Powertrain Control Module
Escort	1995 - 2002	-				Powertrain Control Module
Escort	1995 - 1996	-	C/D	•		Powertrain Control Module
Escort/Orion	1992 - 1994	-	C			Powertrain Related Systems
Explorer	1995 - 2006	-	C			Powertrain Related Systems
Maverick	2001 - 2006	-	C			Powertrain Related Systems
Mondeo	1994 - 2000	-	C			Powertrain Related Systems
Scorpio	1994 - 2002	-	C			Powertrain Related Systems
Ranger	2003 - 2006	-	C			Powertrain Related Systems
Transit	1994 - 2000	-	C			Powertrain Related Systems
Windstar	1994 - 2006	-	C			Powertrain Related Systems
S-Max	2006 - 2013	-	C/D			Radar Cruise Control Module
Mondeo	2008 - 2013	-	C/D			Radar Cruise Control Module
Mondeo (2007)	2007 - 2007	-	C/D			Radar Cruise Control Module
Galaxy	2007 - 2013	-	C/D			Radar Cruise Control Module
Galaxy (2006)	2006 - 2006	-	C/D			Radar Cruise Control Module
C-Max	2010 - 2013	-	C			Radar Cruise Control Module
Focus (2011)	2011 - 2011	-	C			Radar Cruise Control Module
Focus	2012 - 2013	-	C			Radar Cruise Control Module
Transit	2000 - 2006	-	C			Rear Air Suspension Module
Kuga	2008 - 2013	-	C/D			Rear Entertainment Module
Kuga (New)	2013 - 2013	-	C/D			Rear Gate/Trunk Module
Focus	2012 - 2013	-	C			Rear Gate/Trunk Module
Focus (2011)	2011 - 2011	-	C			Rear Gate/Trunk Module
C-Max	2010 - 2013	-	C			Rear Gate/Trunk Module
Escort	1995 - 2002	-	C			Remote Anti-Theft Module
Escort	1996 - 1996	-	C/D			Remote Anti-Theft Module
B-Max	2013 - 2013	-	C/D			Remote Function Actuator
C-Max	2010 - 2013	-	C/D			Remote Function Actuator
Fiesta (New)	2012 - 2012	-	C/D			Remote Function Actuator
Fiesta	2013 - 2013	-	C/D			Remote Function Actuator
Fiesta	2010 - 2013	-	C/D			Remote Function Actuator
Fiesta (2008)	2008 - 2009	-	C/D			Remote Function Actuator
Focus (2011)	2011 - 2011	-	C/D			Remote Function Actuator
Focus	2012 - 2013	-	C/D			Remote Function Actuator
Kuga (New)	2013 - 2013	-	C/D			Remote Function Actuator
Mondeo (2007)	2007 - 2007	-	C/D			Remote Function Actuator
Mondeo	2008 - 2013	-	C/D			Remote Function Actuator
Galaxy (2006)	2006 - 2006	-	C/D			Remote Function Actuator
Galaxy	2007 - 2013	-	C/D			Remote Function Actuator
S-Max	2006 - 2013	-	C/D			Remote Function Actuator
Focus (2005)	2005 - 2011	-	C			Remote Keyless Entry
Focus	2006 - 2010	-	C			Remote Keyless Entry
Focus C-Max	2003 - 2010	-	C			Remote Keyless Entry
Kuga	2008 - 2013	-	C/D			Remote Keyless Entry Control Module

### Other Continued

FORD						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
Mondeo	1994 - 2000	-	C/D	•		Safety Systems
Maverick	2001 - 2006	-	C/D	•		Safety Systems
Explorer	1995 - 2006	-	C/D	•		Safety Systems
Escort/Orion	1992 - 1994	-	C/D	•		Safety Systems
Scorpio	1994 - 2002	-	C/D	•		Safety Systems
Ranger	2003 - 2006	-	C/D	•		Safety Systems
Transit	1994 - 2000	-	C/D	•		Safety Systems
Windstar	1994 - 2006	-	C/D	•		Safety Systems
Windstar	1994 - 2006	-	C/D			Security Systems
Transit	1994 - 2000	-	C/D			Security Systems
Ranger	2003 - 2006	-	C/D			Security Systems
Scorpio	1994 - 2002	-	C/D			Security Systems
Escort/Orion	1992 - 1994	-	C/D			Security Systems
Explorer	1995 - 2006	-	C/D			Security Systems
Mondeo	1994 - 2000	-	C/D			Security Systems
Maverick	2001 - 2006	-	C/D			Security Systems
Kuga (New)	2013 - 2013	-	C/D			Side Obstacle Detection - Left
C-Max	2010 - 2013	-	C			Side Obstacle Detection - Left
Focus	2012 - 2013	-	C			Side Obstacle Detection - Left
Focus (2011)	2011 - 2011	-	C			Side Obstacle Detection - Left
Focus (2011)	2011 - 2011	-	C			Side Obstacle Detection - Right
Focus	2012 - 2013	-	C			Side Obstacle Detection - Right
C-Max	2010 - 2013	-	C			Side Obstacle Detection - Right
Kuga (New)	2013 - 2013	-	C			Side Obstacle Detection - Right
Kuga	2008 - 2013	-	C/D			Speech Recognition Module
Mondeo	2008 - 2013	-	C/D			Speech Recognition Module
Mondeo (2007)	2007 - 2007	-	C/D			Speech Recognition Module
Galaxy	2007 - 2013	-	C/D			Speech Recognition Module
Galaxy (2006)	2006 - 2006	-	C/D			Speech Recognition Module
C-Max	2010 - 2013	-	C/D			Speech Recognition Module
Fiesta	2003 - 2012	-	C/D			Speech Recognition Module
Fiesta (2008)	2008 - 2009	-	C/D			Speech Recognition Module
Focus	2006 - 2013	-	C/D			Speech Recognition Module
Focus (2005)	2005 - 2011	-	C/D			Speech Recognition Module
Focus (2011)	2011 - 2011	-	C/D			Speech Recognition Module
Focus C-Max	2003 - 2010	-	C/D			Speech Recognition Module
Fusion	2002 - 2013	-	C/D			Speech Recognition Module
S-Max	2006 - 2013	-	C/D			Speech Recognition Module
Ranger	2012 - 2013	-	C/D			Speech Recognition Module
Ranger (2011)	2011 - 2011	-	C/D			Speech Recognition Module
Transit Connect	2006 - 2013	-	C/D			Speech Recognition Module
Transit	2007 - 2013	-	C			Speech Recognition Module
Transit (2006)	2006 - 2006	-	C			Speech Recognition Module
Transit Custom	2012 - 2013	-	C/D			Steering Angle Sensor Module
S-Max	2006 - 2013	-	C/D			Steering Angle Sensor Module
Focus (2011)	2011 - 2011	-	C/D			Steering Angle Sensor Module
Focus	2012 - 2013	-	C/D			Steering Angle Sensor Module

### Other Continued

FORD						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
C-Max	2010 - 2013	-	C/D			Steering Angle Sensor Module
Galaxy (2006)	2006 - 2006	-	C/D			Steering Angle Sensor Module
Galaxy	2007 - 2013	-	C/D			Steering Angle Sensor Module
Mondeo (2007)	2007 - 2007	-	C/D			Steering Angle Sensor Module
Mondeo	2008 - 2013	-	C/D			Steering Angle Sensor Module
Kuga (New)	2013 - 2013	-	C/D			Steering Angle Sensor Module
Granada/Scorpio	1992 - 1995	-				Superstar II
Mondeo	1993 - 1994	-				Superstar II
Probe	1993 - 2002	-				Superstar II
Explorer	1993 - 1995	-				Superstar II
Escort Cosworth	1995 - 1996	-				Superstar II
Escort/Orion	1992 - 1994	-				Superstar II
Escort	1995 - 2002	-				Superstar II
Fiesta	1992 - 1995	-				Superstar II
Sierra/Sapphire	1992 - 1994	-				Superstar II
Scorpio	1994 - 2002	-				Superstar II
Transit	1992 - 1993	-	C/D			Superstar II
Transit	1992 - 2000	-				Superstar II
S-Max	2006 - 2013	-	C		•,R	Tire Pressure Monitoring System
Mondeo	2008 - 2013	-	C		•,R	Tire Pressure Monitoring System
Mondeo (2007)	2007 - 2007	-	C		•,R	Tire Pressure Monitoring System
Galaxy (2006)	2006 - 2006	-	C		•,R	Tire Pressure Monitoring System
Kuga	2008 - 2013	-	C		•	Tire Pressure Monitoring System
Galaxy	2007 - 2013	-	C		•,R	Tire Pressure Monitoring System
Focus (2005)	2005 - 2011	-	C		•	Tire Pressure Monitoring System (CAN-H)
Focus	2006 - 2010	-	C		•	Tire Pressure Monitoring System (CAN-H)
Focus C-Max	2003 - 2010	-	C		•	Tire Pressure Monitoring System (CAN-H)
Transit Custom	2013 - 2013	-	C/D			Trailer Brake Control Module
Transit Custom	2013 - 2013	-	C			Trailer Module
Ranger (2011)	2011 - 2011	-	C			Trailer Module
S-Max	2006 - 2013	-	C/D			Trailer Module
Ranger	2012 - 2013	-	C			Trailer Module
Focus	2012 - 2013	-	C			Trailer Module
Focus (2011)	2011 - 2011	-	C			Trailer Module
C-Max	2010 - 2013	-	C			Trailer Module
Galaxy	2007 - 2013	-	C/D			Trailer Module
Galaxy (2006)	2006 - 2006	-	C/D			Trailer Module
Kuga (New)	2013 - 2013	-	C/D			Trailer Module
Mondeo (2007)	2007 - 2007	-	C/D			Trailer Module
Mondeo	2008 - 2013	-	C/D			Trailer Module
Mondeo	1994 - 2000	-	C			Undercar Systems
Maverick	2001 - 2006	-	C			Undercar Systems

## Other Continued

FORD						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Escort/Orion	1992 - 1994	-	C			Undercar Systems
Explorer	1995 - 2006	-	C			Undercar Systems
Ranger	2003 - 2006	-	C			Undercar Systems
Scorpio	1994 - 2002	-	C			Undercar Systems
Transit	1994 - 2000	-	C			Undercar Systems
Windstar	1994 - 2006	-	C			Undercar Systems
S-Max	2006 - 2013	-	C/D			Vehicle Dynamics Module
Mondeo	2008 - 2013	-	C/D			Vehicle Dynamics Module
Mondeo (2007)	2007 - 2007	-	C/D			Vehicle Dynamics Module
Galaxy (2006)	2006 - 2006	-	C/D			Vehicle Dynamics Module
Galaxy	2007 - 2013	-	C/D			Vehicle Dynamics Module
Galaxy	2007 - 2013	-				Wheel Alignment
Mondeo	2008 - 2013	-				Wheel Alignment
Mondeo (2007)	2007 - 2007	-				Wheel Alignment
Kuga (New)	2013 - 2013	-				Wheel Alignment
Kuga	2008 - 2013	-				Wheel Alignment
Galaxy (2006)	2006 - 2006	-				Wheel Alignment
Fiesta	2010 - 2012	-				Wheel Alignment
Fiesta (2008)	2008 - 2009	-				Wheel Alignment
C-Max	2010 - 2013	-				Wheel Alignment
Focus (2005)	2005 - 2011	-				Wheel Alignment
Focus (2011)	2011 - 2011	-				Wheel Alignment
Focus	2006 - 2013	-				Wheel Alignment
Focus C-Max	2003 - 2010	-				Wheel Alignment
S-Max	2006 - 2013	-				Wheel Alignment
Transit Connect	2006 - 2013	-				Wheel Alignment
Transit	2007 - 2013	-				Wheel Alignment
Transit (2006)	2006 - 2006	-				Wheel Alignment
Transit	1994 - 2000	-	C/D	•	•	With 16 Pin Connector Below Steering Wheel
Maverick	2001 - 2001	-	C/D	•	•	With 16 Pin Connector Below Steering Wheel
Escort/Orion	1994 - 1994	-	C/D	•	•	With 16 Pin Connector On Passenger Kick Panel
Escort	1995 - 1996	-	C/D	•		With 16 Pin Connector On Passenger Kick Panel
Escort	1995 - 2002	-	C/D			With 16 Pin Connector On Passenger Kick Panel
Escort	2001 - 2002	-				With 16 Pin Connector On Passenger Kick Panel
Transit	1992 - 1995	-	C/D			With 2 Pin Connector Behind Left Dash
Sierra Cosworth	1992 - 1993	-				With 4 Wheel Drive
Maverick	2001 - 2001	-				Without 16 Pin Connector Below Steering Wheel
Escort	1995 - 2002	-				Without 16 Pin Connector On Passenger Kick Panel
Escort/Orion	1994 - 1994	-				Without 16 Pin Connector On Passenger Kick Panel
Sierra Cosworth	1992 - 1993	-				Without 4 Wheel Drive
Fiesta (New)	2012 - 2012	-				Clear All Vehicle Codes
Fiesta	2013 - 2013	-				Clear All Vehicle Codes
B-Max	2013 - 2013	-				Clear All Vehicle Codes
C-Max	2003 - 2010	-				Clear All Vehicle Codes
C-Max	2011 - 2013	-				Clear All Vehicle Codes
Focus	2011 - 2013	-				Clear All Vehicle Codes
Focus	2005 - 2011	-				Clear All Vehicle Codes
Focus	1998 - 2005	-				Clear All Vehicle Codes
Fusion	2002 - 2013	-				Clear All Vehicle Codes

## Other Continued

FORD						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Galaxy	2006 - 2013	-				Clear All Vehicle Codes
Ka	2009 - 2013	-				Clear All Vehicle Codes
Ka	1996 - 2009	-				Clear All Vehicle Codes
Kuga (New)	2013 - 2013	-				Clear All Vehicle Codes
Kuga	2008 - 2013	-				Clear All Vehicle Codes
Mondeo	2007 - 2013	-				Clear All Vehicle Codes
Mondeo	2001 - 2007	-				Clear All Vehicle Codes
Ranger	2011 - 2013	-				Clear All Vehicle Codes
Ranger	2006 - 2011	-				Clear All Vehicle Codes
S-Max	2006 - 2013	-				Clear All Vehicle Codes
Transit	2000 - 2006	-				Clear All Vehicle Codes
Transit	2006 - 2013	-				Clear All Vehicle Codes
Transit Connect	2002 - 2013	-				Clear All Vehicle Codes
Transit Custom	2012 - 2013	-				Clear All Vehicle Codes

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, RA- Relearn Adaptations, S- Steering Angle Sensor, I- Inertia Body Relearn, JA- Type A or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

HONDA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Accord	1999 - 2000	D16B7	1.6L	-	C,D		
Accord	1999 - 2000	F18B4	1.8L	-	C,D		
Accord	1999 - 2001	D16B6	1.6L	-	C,D		
Accord	1999 - 2001	H22A7	2.2L	-	C,D		
Accord	1999 - 2002	F18B2	1.8L	-	C,D		
Accord	1999 - 2002	F20B6	2.0L	-	C,D		
Accord	1999 - 2002	F23Z5	2.3L	-	C,D		
Accord	2003 - 2005	K20A6	2.0L	-	C,D	•	•
Accord	2003 - 2005	N22A1	2.2L CTDi Diesel	-	C,D	•	•,I
Accord	2003 - 2008	K24A3	2.4L	-	C,D	•	•
Accord	2006 - 2008	K20Z2	2.0L	-	C,D	•	•
Accord	2006 - 2008	N22A1	2.2L i-CTDi Diesel	-	C,D	•	•,I
Accord	2007 - 2008	N22A1	2.2L i-CTDi Diesel GT	-	C,D	•	•,I
Accord	2009 - 2009	N22B1	2.2L i-DTEC Diesel	-	C,D	•	•,I
Accord	2009 - 2010	N22B1	2.2L i-DTEC Diesel GT	-	C,D	•	•,I
Accord	2009 - 2013	R20A3	2.0L	-	C,D	•	•
Accord	2010 - 2010	N22B2	2.2L i-DTEC Diesel	-	C,D	•	•,I,P
Accord	2011 - 2013	K24Z3	2.4L	-	C,D	•	•
Accord	2011 - 2013	N22B2	2.2L Diesel	-	C,D	•	•,I,P
Accord Coupe	1999 - 2000	F20B5	2.0L	-	C,D		
Accord Coupe	1999 - 2000	F20B7	2.0L	-	C,D		
Accord Coupe	1999 - 2000	J30A1	3.0L	-	C,D		
ACCORD TYPE R	1999 - 1999	H22A7	2.2L	-	C,D		
Civic	1999 - 1999	B16A2	1.6L	-	C,D		
Civic	1999 - 1999	D15Z6	1.5L	-	C,D		
Civic	1999 - 2000	D14A3	1.4L	-	C,D		
Civic	1999 - 2000	D14A4	1.4L	-	C,D		
Civic	1999 - 2000	D14A7	1.4L	-	C,D		
Civic	1999 - 2000	D14A8	1.4L	-	C,D		
Civic	1999 - 2000	D15Z8	1.5L	-	C,D		
Civic	1999 - 2000	D16Y5	1.6L	-	C,D		
Civic	1999 - 2001	B18C4	1.8L	-	C,D		
Civic	1999 - 2001	D14Z1	1.4L	-	C,D		
Civic	1999 - 2001	D14Z2	1.4L	-	C,D		
Civic	1999 - 2001	D14Z3	1.4L	-	C,D		
Civic	1999 - 2001	D14Z4	1.4L	-	C,D		
Civic	1999 - 2001	D16W3	1.6L	-	C,D		
Civic	1999 - 2001	D16W4	1.6L	-	C,D		
Civic	2000 - 2005	D14Z5	1.4L	-	C,D	•	•
Civic	2000 - 2005	D14Z6	1.4L	-	C,D	•	•
Civic	2001 - 2001	S15Z8	1.5L	-	C,D		
Civic	2001 - 2005	D16V1	1.6L	-	C,D	•	•
Civic	2001 - 2005	D16W7	1.6L	-	C,D	•	•
Civic	2002 - 2005	4EE2	1.7L CTDi Diesel	-	C,D	•	•
Civic	2012 - 2012	K20Z4	2.0L	-	C,D	•	•
Civic	2012 - 2013	L13Z4	1.4L	-	C,D	•	•
Civic	2012 - 2012	LDA2	1.3L	-	C,D	•	•
Civic	2012 - 2013	N16A1	1.6L i-CTDi	-	C,D	•	•,I,P
Civic	2012 - 2013	N22B4	2.2L i-CTDi	-	C,D	•	•,I,P
Civic	2012 - 2013	R18Z4	1.8L	-	C,D	•	•
Civic 3 Door	2006 - 2011	L13A7	1.4L	-	C,D	•	•
Civic 3 Door	2006 - 2011	N22A2	2.2L i-CTDi Diesel	-	C,D	•	•,I,P
Civic 3 Door	2006 - 2011	R18A2	1.8L	-	C,D	•	•
Civic 3 Door	2009 - 2011	L13Z1	1.4L	-	C,D	•	•
Civic 5 Door	2006 - 2011	L13A7	1.4L	-	C,D	•	•
Civic 5 Door	2006 - 2011	N22A2	2.2L i-CTDi Diesel	-	C,D	•	•,I,P
Civic 5 Door	2006 - 2011	R18A2	1.8L	-	C,D	•	•

HONDA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Civic 5 Door	2009 - 2011	L13Z1	1.4L	-	C,D	•	•
Civic Coupe	1999 - 2000	D16Y7	1.6L	-	C,D		
Civic Coupe	1999 - 2000	D16Y8	1.6L	-	C,D		
Civic Coupe	1999 - 2001	B16A2	1.6L	-	C,D		
Civic Coupe	2001 - 2001	D17A2	1.7L	-	C,D		
Civic Coupe	2001 - 2004	D17A8	1.7L	-	C,D		
Civic Coupe	2001 - 2004	D17A9	1.7L	-	C,D		
Civic Hybrid	2003 - 2005	LDA1	1.3L	-	C,D	•	•
Civic Hybrid	2007 - 2011	LDA2	1.3L	-	C,D	•	•
Civic Saloon	2006 - 2011	R18A1	1.8L	-	C,D	•	•
Civic Type R	2001 - 2005	K20A2	2.0L	-	C,D		
Civic Type R	2007 - 2011	K20Z4	2.0L	-	C,D	•	•
Civic Type R GT	2007 - 2011	K20Z4	2.0L	-	C,D	•	•
Civic Type S	2006 - 2011	L13A7	1.4L	-	C,D	•	•
Civic Type S	2006 - 2011	N22A2	2.2L i-CTDi Diesel	-	C,D	•	•,I,P
Civic Type S	2006 - 2011	R18A2	1.8L	-	C,D	•	•
CR-V	1999 - 2001	B20Z1	2.0L	-	C,D		
CR-V	1999 - 2001	B20Z3	2.0L	-	C,D		
CR-V	2002 - 2006	K20A4	2.0L	-	C,D		
CR-V	2004 - 2006	K24A1	2.4L	-	C,D		
CR-V	2004 - 2009	N22A2	2.2L i-CTDi Diesel	-	C,D	•	•,I,P
CR-V	2007 - 2011	R20A2	2.0L	-	C,D	•	•
CR-V	2008 - 2009	K24Z4	2.4L	-	C,D	•	•
CR-V	2010 - 2012	N22B3	2.2L i-CTDi Diesel	-	C,D	•	•,I,P
CR-V	2012 - 2013	N16A2	1.6L i-CTDi	-	C,D	•	•,I,P
CR-V	2012 - 2013	N22B4	2.2L i-CTDi Diesel	-	C,D	•	•,I,P
CR-V	2012 - 2013	R20A9	2.0L L4 SHOC	-	C,D	•	•
CR-Z	2010 - 2012	LEA1	1.5L	-	C,D	•	•
CR-Z	2012 - 2013	LEA3	1.5L	-	C,D	•	•
FR-V	2004 - 2006	K20A9	2.0L	-	C,D		
FR-V	2004 - 2006	N22A2	2.2L i-CTDi Diesel	-	C,D	•	•,I
FR-V	2007 - 2010	N22A1	2.2L Diesel	-	C,D	•	•,I,P
FR-V	2007 - 2010	R18A2	1.8L	-	C,D	•	•
HR-V	1999 - 2006	D16W1	1.6L	-	C,D		
HR-V	1999 - 2006	D16W5	1.6L	-	C,D		
Insight	1999 - 2001	ECA1	1.0L	-	C,D		
Insight	2009 - 2011	LDA3	1.3L	-	C,D	•	•
Insight	2012 - 2013	LDA3	1.4L	-	C,D	•	•
Integra Type R	1999 - 2001	B18C6	1.8L	-	C,D		
Jazz	2001 - 2008	L12A1	1.2L	-	C,D	•	•
Jazz	2001 - 2008	L13A1	1.4L	-	C,D	•	•
Jazz	2005 - 2008	L13A6	1.4L	-	C,D	•	•
Jazz	2006 - 2008	L12A4	1.2L	-	C,D	•	•
Jazz	2009 - 2013	L12B1	1.2L	-	C,D	•	•
Jazz	2009 - 2013	L13Z1	1.4L	-	C,D	•	•
Jazz	2009 - 2013	L13Z2	1.4L	-	C,D	•	•
Jazz	2009 - 2013	L12B2	1.2L	-	C,D	•	•
Jazz Hybrid	2009 - 2013	LDA3	1.3L	-	C,D	•	•
Legend	2007 - 2007	J35A8	3.5L	-	C,D	•	•
Legend Saloon	1999 - 1999	C32A2	3.2L	-	C,D		
Legend Saloon	1999 - 1999	C32A5	3.5L	-	C,D		
Legend Saloon	2000 - 2000	C35A5	3.2L	-	C,D		
Legend Saloon	2001 - 2001	C35A5	3.5L	-	C,D		
Logo	1999 - 2001	D13B7	1.3L	-	C,D		
NSX	1999 - 2004	C30A4	3.0L	-	C,D		
NSX	1999 - 2006	C32B2	3.2L	-	C,D		
Prelude	1999 - 2001	F20A4	2.0L	-	C,D		

## Engine Management Applications

HONDA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Prelude	1999 - 2001	H22A5	2.2L	-	C,D		
Prelude	1999 - 2001	H22A8	2.2L	-	C,D		
S2000	1999 - 2010	F20C2	2.0L	-	C,D		
Shuttle	1999 - 2001	F23A7	2.3L	-	C,D		
Stream	2000 - 2006	D17A2	1.7L	-	C,D	•	•
Stream	2000 - 2006	K20A1	2.0L	-	C,D	•	•

## Airbag

HONDA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	
Accord	2003 - 2013	-	C,D			
ACCORD TYPE R	1999 - 1999	-	C,D			
Civic	2002 - 2013	-	C,D			
Civic 3 Door	2006 - 2011	-	C,D			
Civic 5 Door	2006 - 2011	-	C,D			
Civic Coupe	2002 - 2004	-	C,D			
Civic Hybrid	2003 - 2011	-	C,D			
Civic Saloon	2006 - 2011	-	C,D			
Civic Type R	2002 - 2011	-	C,D			
Civic Type R GT	2007 - 2011	-	C,D			
Civic Type S	2006 - 2011	-	C,D			
CR-V	1999 - 2013	-	C,D			
CR-Z	2010 - 2013	-	C,D			
FR-V	2004 - 2010	-	C,D			
HR-V	2000 - 2006	-	C,D			
Insight	2009 - 2012	-	C,D			
Jazz	2001 - 2013	-	C,D			
Jazz Hybrid	2011 - 2013	-	C,D			
Legend	2006 - 2010	-	C,D			
S2000	1999 - 2010	-	C,D			
Stream	2001 - 2006	-	C,D			

## Antilock Brakes

HONDA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	
Accord	2003 - 2013	-	C,D	•	•	
Civic	2000 - 2013	-	C,D	•		
Civic 3 Door	2006 - 2011	-	C,D	•		
Civic 5 Door	2006 - 2011	-	C,D	•		
Civic Coupe	2000 - 2004	-	C,D	•		
Civic Hybrid	2003 - 2011	-	C,D	•		
Civic Saloon	2006 - 2011	-	C,D	•		
Civic Type R	2001 - 2011	-	C,D	•		
Civic Type R GT	2007 - 2011	-	C,D	•		
Civic Type S	2006 - 2011	-	C,D	•		
CR-V	1999 - 2013	-	C,D	•		
CR-Z	2010 - 2013	-	C,D	•		
FR-V	2004 - 2010	-	C,D	•		
HR-V	2000 - 2006	-	C,D	•		
Insight	2000 - 2013	-	C,D	•		
Jazz	2001 - 2013	-	C,D	•		
Jazz Hybrid	2011 - 2013	-	C,D	•		
Legend	2006 - 2010	-	C,D	•		
Logo	2000 - 2001	-	C,D			
NSX	2000 - 2006	-	C			
Prelude	2000 - 2001	-	C			
S2000	1999 - 2010	-	C,D	•		
Shuttle	2000 - 2001	-	C			
Stream	2000 - 2006	-	C,D	•		

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, I: Inertia Body Return, Jk: Type A or Type Semi Auto, \*: Other (see table on page 263) Dark grey lines indicate new content at 1,4, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Auto Transmission

HONDA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Accord	1999 - 2013	-	C,D	•	
Accord Coupe	1999 - 2000	-	C,D		
ACCORD TYPE R	1999 - 1999	-	C,D		
Civic	2000 - 2013	-	C,D	•	
Civic 3 Door	2006 - 2011	-	C,D	•	
Civic 5 Door	2006 - 2011	-	C,D	•	
Civic Coupe	2000 - 2004	-	C,D	•	
Civic Hybrid	2007 - 2011	-	C,D	•	
Civic Saloon	2006 - 2011	-	C,D	•	
Civic Type S	2006 - 2011	-	C,D	•	
CR-V	1999 - 2013	-	C,D	•	
CR-Z	2011 - 2013	-	C,D	•	
FR-V	2007 - 2010	-	C,D	•	
HR-V	2000 - 2006	-	C,D	•	
Insight	2009 - 2013	-	C,D	•	
Jazz	2001 - 2013	-	C,D	•	
Jazz Hybrid	2011 - 2013	-	C,D	•	
Legend	2006 - 2010	-	C,D	•	
Legend Saloon	1999 - 2001	-	C,D		
Logo	1999 - 2001	-	C,D		
NSX	2000 - 2004	-	C,D	•	
Prelude	2000 - 2001	-	C,D		
Shuttle	1999 - 2001	-	C,D		
Stream	2000 - 2006	-	C,D	•	

## Other

HONDA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
CR-V	2012 - 2013	-	C/D	•		Active Cornering Light
CR-V	2007 - 2013	-	C/D			Body Unit Information
Civic Type S	2006 - 2011	-	C/D			Body Unit Information
Civic Saloon	2006 - 2011	-	C/D			Body Unit Information
Civic Type R	2007 - 2011	-	C/D			Body Unit Information
Civic Type R GT	2007 - 2011	-	C/D			Body Unit Information
Accord	2003 - 2013	-	C/D			Body Unit Information
Civic	2012 - 2013	-	C/D			Body Unit Information
Civic 3 Door	2006 - 2011	-	C/D			Body Unit Information
Civic 5 Door	2006 - 2011	-	C/D			Body Unit Information
Civic Hybrid	2007 - 2011	-	C/D			Body Unit Information
CR-Z	2010 - 2013	-	C/D			Body Unit Information
Insight	2009 - 2013	-	C/D			Body Unit Information
Jazz	2009 - 2013	-	C/D			Body Unit Information
Jazz Hybrid	2011 - 2013	-	C/D			Body Unit Information
Legend	2006 - 2010	-	C/D			Body Unit Information
NSX	1999 - 2006	-	C			Code Scan
S2000	1999 - 2010	-	C			Code Scan
Jazz Hybrid	2011 - 2013	-	C			Code Scan
Legend	2006 - 2010	-	C			Code Scan
Jazz	2001 - 2013	-	C			Code Scan
FR-V	2004 - 2010	-	C			Code Scan
HR-V	1999 - 2006	-	C			Code Scan
Insight	2009 - 2013	-	C			Code Scan
Stream	2000 - 2006	-	C			Code Scan
Civic 5 Door	2006 - 2011	-	C			Code Scan
Civic Coupe	2003 - 2004	-	C			Code Scan
Civic Hybrid	2003 - 2011	-	C			Code Scan
Civic	2003 - 2013	-	C			Code Scan
Civic 3 Door	2006 - 2011	-	C			Code Scan
Accord	2003 - 2013	-	C			Code Scan
Civic Saloon	2006 - 2011	-	C			Code Scan
Civic Type R	2003 - 2011	-	C			Code Scan
Civic Type R GT	2007 - 2011	-	C			Code Scan
CR-V	2002 - 2013	-	C			Code Scan
Civic Type S	2006 - 2011	-	C			Code Scan
CR-Z	2010 - 2013	-	C			Code Scan
CR-V	2007 - 2013	-	C,D	•		Door Locks
Civic Type S	2006 - 2011	-	C,D	•		Door Locks
Civic Type R GT	2007 - 2011	-	C,D	•		Door Locks
Civic Type R	2007 - 2011	-	C,D	•		Door Locks
Civic Saloon	2006 - 2011	-	C,D	•		Door Locks
Accord	2003 - 2013	-	C,D	•		Door Locks
Civic 3 Door	2006 - 2011	-	C,D	•		Door Locks
Civic	2012 - 2013	-	C,D	•		Door Locks
Civic 5 Door	2006 - 2011	-	C,D	•		Door Locks
Civic Hybrid	2007 - 2011	-	C,D	•		Door Locks
CR-Z	2010 - 2013	-	C,D	•		Door Locks
Jazz	2009 - 2013	-	C,D	•		Door Locks
Insight	2009 - 2013	-	C,D	•		Door Locks
Jazz Hybrid	2011 - 2013	-	C,D	•		Door Locks
Legend	2006 - 2010	-	C,D	•		Door Locks
Insight	2009 - 2013	-	C,D		•,S	Electric Power Steering
Civic Coupe	2002 - 2004	-	C,D		•,S	Electric Power Steering
Civic Hybrid	2003 - 2005	-	C,D		•,S	Electric Power Steering
Civic	2002 - 2005	-	C,D		•,S	Electric Power Steering

## Other Continued

HONDA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Civic Type R	2002 - 2005	-	C,D		•,S	Electric Power Steering
Civic Saloon	2006 - 2011	-	C,D		•,S	Electric Power Steering
Civic Type R	2007 - 2011	-	C,D		•,S	Electric Power Steering
Civic Type R GT	2007 - 2011	-	C,D		•,S	Electric Power Steering
Civic Type S	2006 - 2011	-	C,D		•,S	Electric Power Steering
CR-Z	2010 - 2013	-	C,D		•,S	Electric Power Steering
Accord	2009 - 2013	-	C,D		•,S	Electric Power Steering
Civic 5 Door	2006 - 2011	-	C,D		•,S	Electric Power Steering
Civic Hybrid	2007 - 2011	-	C,D		•,S	Electric Power Steering
Civic 3 Door	2006 - 2011	-	C,D		•,S	Electric Power Steering
Civic	2012 - 2013	-	C,D		•,S	Electric Power Steering
CR-V	2007 - 2013	-	C,D		•,S	Electric Power Steering
Jazz	2001 - 2013	-	C,D		•,S	Electric Power Steering
Jazz Hybrid	2011 - 2013	-	C,D		•,S	Electric Power Steering
S2000	2006 - 2010	-	C,D		•,S	Electric Power Steering
S2000	2000 - 2005	-	C,D		•,S	Electric Power Steering
Jazz Hybrid	2011 - 2013	-	C,D	•		Gauge
Jazz	2009 - 2013	-	C,D	•		Gauge
Insight	2009 - 2013	-	C,D	•		Gauges
CR-Z	2010 - 2013	-	C,D	•		Gauges
Legend	2006 - 2010	-	C,D	•		Gauges
Civic 5 Door	2006 - 2011	-	C,D	•		Gauges
Civic Hybrid	2007 - 2011	-	C,D	•		Gauges
Accord	2003 - 2013	-	C,D	•		Gauges
Civic	2012 - 2013	-	C,D	•		Gauges
Civic 3 Door	2006 - 2011	-	C,D	•		Gauges
CR-V	2007 - 2013	-	C,D	•		Gauges
Civic Type S	2006 - 2011	-	C,D	•		Gauges
Civic Type R GT	2007 - 2011	-	C,D	•		Gauges
Civic Saloon	2006 - 2011	-	C,D	•		Gauges
Civic Type R	2007 - 2011	-	C,D	•		Gauges
Accord	2009 - 2013	-	C,D			Hands Free Link
Legend	2006 - 2010	-	C,D			Hands Free Link
Jazz Hybrid	2011 - 2013	-	C,D			Hands Free Link
Jazz	2009 - 2013	-	C,D			Hands Free Link
CR-V	2012 - 2013	-	C,D	•	•	High Beam Support
CR-V	2007 - 2013	-	C,D		•	HVAC/Climate Control
Civic Type S	2006 - 2011	-	C,D		•	HVAC/Climate Control
Civic Type R	2007 - 2011	-	C,D		•	HVAC/Climate Control
Civic Saloon	2006 - 2011	-	C,D		•	HVAC/Climate Control
Civic Type R GT	2007 - 2011	-	C,D		•	HVAC/Climate Control
Accord	2003 - 2013	-	C,D		•	HVAC/Climate Control
Civic 3 Door	2006 - 2011	-	C,D		•	HVAC/Climate Control
Civic	2012 - 2013	-	C,D		•	HVAC/Climate Control
Civic Hybrid	2007 - 2011	-	C,D		•	HVAC/Climate Control
Civic 5 Door	2006 - 2011	-	C,D		•	HVAC/Climate Control
Jazz	2009 - 2013	-	C,D		•	HVAC/Climate Control
Insight	2009 - 2013	-	C,D		•	HVAC/Climate Control
CR-Z	2010 - 2013	-	C,D		•	HVAC/Climate Control
Jazz Hybrid	2011 - 2013	-	C,D		•	HVAC/Climate Control
Legend	2006 - 2010	-	C		•	HVAC/Climate Control
Jazz Hybrid	2011 - 2013	-	C,D			IMA
Insight	2009 - 2013	-	C,D			IMA
Civic	2012 - 2013	-	C,D	•	•	IMA
Civic Hybrid	2003 - 2013	-	C,D			IMA
CR-Z	2010 - 2013	-	C,D	•	•	IMA

Key for Special Functions: ABS Brake Bleed, BSS Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electric body Return, JA: Jumper or Type Sem Auto, •: Other (see table on page 26) Dark grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Other Continued

HONDA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
CR-V	2007 - 2013	-	C,D	•		Keyless Transmitter
Civic Type S	2006 - 2011	-	C,D	•		Keyless Transmitter
Civic Type R GT	2007 - 2011	-	C,D	•		Keyless Transmitter
Civic Saloon	2006 - 2011	-	C,D	•		Keyless Transmitter
Civic Type R	2007 - 2011	-	C,D	•		Keyless Transmitter
Civic Hybrid	2007 - 2011	-	C,D	•		Keyless Transmitter
Civic 5 Door	2006 - 2011	-	C,D	•		Keyless Transmitter
Civic	2012 - 2013	-	C,D	•		Keyless Transmitter
Civic 3 Door	2006 - 2011	-	C,D	•		Keyless Transmitter
Accord	2003 - 2013	-	C,D	•		Keyless Transmitter
CR-Z	2010 - 2013	-	C,D	•		Keyless Transmitter
Insight	2009 - 2013	-	C,D	•		Keyless Transmitter
Jazz	2009 - 2013	-	C,D	•		Keyless Transmitter
Jazz Hybrid	2011 - 2013	-	C,D	•		Keyless Transmitter
Legend	2006 - 2010	-	C,D	•		Keyless Transmitter
Legend	2006 - 2010	-	C,D	•		Lighting
Jazz Hybrid	2011 - 2013	-	C,D	•		Lighting
Jazz	2009 - 2013	-	C,D	•		Lighting
Insight	2009 - 2013	-	C,D	•		Lighting
CR-Z	2010 - 2013	-	C,D	•		Lighting
Accord	2003 - 2013	-	C,D	•		Lighting
Civic 3 Door	2006 - 2011	-	C,D	•		Lighting
Civic	2012 - 2013	-	C,D	•		Lighting
Civic 5 Door	2006 - 2011	-	C,D	•		Lighting
Civic Hybrid	2007 - 2011	-	C,D	•		Lighting
Civic Type R	2007 - 2011	-	C,D	•		Lighting
Civic Saloon	2006 - 2011	-	C,D	•		Lighting
Civic Type R GT	2007 - 2011	-	C,D	•		Lighting
Civic Type S	2006 - 2011	-	C,D	•		Lighting
CR-V	2007 - 2013	-	C,D	•		Lighting
Legend	2006 - 2010	-	C,D	•		Onstar
CR-Z	2010 - 2013	-	C,D			Parking Sensor
CR-V	2012 - 2013	-	C,D			Parking Sensor
Accord	2009 - 2013	-	C,D			Parking Sensor
Accord	2009 - 2013	-	C,D	•		Power Seat/Power Mirror
CR-V	2012 - 2013	-	C,D	•		Power Seat/Power Mirror
Legend	2006 - 2010	-	C,D	•		Power Seat/Power Mirror
CR-V	2012 - 2013	-	C,D	•		Power Tailgate
CR-V	2012 - 2013	-	C,D	•	•	Power Windows
Accord	2003 - 2013	-	C,D	•	•	Power Windows
Civic	2012 - 2013	-	C,D	•	•	Power Windows
Legend	2006 - 2010	-	C,D	•	•	Power Windows
CR-V	2012 - 2013	-	C,D	•	•	Real Time AWD
CR-Z	2010 - 2013	-	C,D			• SCS Mode
Civic Type S	2006 - 2011	-				• SCS Mode
CR-V	2007 - 2013	-				• SCS Mode
Civic Type R GT	2007 - 2011	-				• SCS Mode
Civic Type R	2007 - 2011	-				• SCS Mode
Civic Saloon	2006 - 2011	-				• SCS Mode
Accord	2009 - 2013	-				• SCS Mode
Civic Hybrid	2007 - 2011	-				• SCS Mode
Civic	2012 - 2013	-				• SCS Mode
Civic 3 Door	2006 - 2011	-				• SCS Mode
Civic 5 Door	2006 - 2011	-				• SCS Mode
S2000	2006 - 2010	-				• SCS Mode

## Other Continued

HONDA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Jazz Hybrid	2011 - 2013	-				• SCS Mode
Jazz	2009 - 2013	-				• SCS Mode
Insight	2009 - 2013	-				• SCS Mode
FR-V	2007 - 2010	-				• SCS Mode
CR-Z	2010 - 2013	-	C,D			Security
Insight	2009 - 2013	-	C,D			Security
Jazz	2009 - 2013	-	C,D			Security
Jazz Hybrid	2011 - 2013	-	C,D			Security
Legend	2006 - 2010	-	C,D			Security
Civic 5 Door	2006 - 2011	-	C,D			Security
Civic Hybrid	2007 - 2011	-	C,D			Security
Accord	2003 - 2013	-	C,D			Security
Civic	2012 - 2013	-	C,D			Security
Civic 3 Door	2006 - 2011	-	C,D			Security
Civic Type R GT	2007 - 2011	-	C,D			Security
Civic Saloon	2006 - 2011	-	C,D			Security
Civic Type R	2007 - 2011	-	C,D			Security
Civic Type S	2006 - 2011	-	C,D			Security
CR-V	2007 - 2013	-	C,D			Security
CR-Z	2010 - 2013	-	C,D		•	Wheel Alignment
CR-V	2003 - 2013	-	C,D		•	Wheel Alignment
Accord	2003 - 2013	-	C,D		•	Wheel Alignment
Civic	2012 - 2013	-	C,D		•	Wheel Alignment
Jazz Hybrid	2012 - 2013	-	C,D		•	Wheel Alignment
S2000	2003 - 2010	-	C,D		•	Wheel Alignment
Jazz	2012 - 2013	-	C,D		•	Wheel Alignment
Insight	2009 - 2013	-	C,D		•	Wheel Alignment
CR-Z	2010 - 2013	-	C,D	•		Wiper
Jazz	2009 - 2013	-	C,D	•		Wiper
Insight	2009 - 2013	-	C,D	•		Wiper
Jazz Hybrid	2011 - 2013	-	C,D	•		Wiper
Legend	2006 - 2010	-	C,D	•		Wiper
Civic 5 Door	2006 - 2011	-	C,D	•		Wiper
Civic Hybrid	2007 - 2011	-	C,D	•		Wiper
Accord	2003 - 2013	-	C,D	•		Wiper
Civic 3 Door	2006 - 2011	-	C,D	•		Wiper
Civic	2012 - 2013	-	C,D	•		Wiper
Civic Type S	2006 - 2011	-	C,D	•		Wiper
CR-V	2007 - 2013	-	C,D	•		Wiper
Civic Type R	2007 - 2011	-	C,D	•		Wiper
Civic Saloon	2006 - 2011	-	C,D	•		Wiper
Civic Type R GT	2007 - 2011	-	C,D	•		Wiper

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil Reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Front Body Return, JA: Type A or Type Semi Auto, \* Other (see table on page 26) Data grey lines indicate new content at 1/4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

HYUNDAI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Accent Lc	2001 - 2006	D3FA	1.5L D	Engine_ECU	C/D		
Accent Lc	2001 - 2006	G4EA	1.3L L4 SOHC	Engine_ECU	C/D		
Accent Lc	2001 - 2006	G4EB	1.4L L4 SOHC	Engine_ECU	C/D		
Accent Lc	2001 - 2006	G4ED	1.6L L4	Engine_ECU	C/D		
Accent Mc	2006 - 2011	D4FA	1.5L CRDi	2.0L CRDi CAN	C/D	•	•,I,P
Accent Mc	2006 - 2011	D4FA	1.5L CRDi	2.0L CRDi VGT	C/D	•	
Accent Mc	2006 - 2011	D4FA	1.5L CRDi	2.0L CRDi WGT	C/D	•	
Accent Mc	2006 - 2011	G4ED	1.6L CVVT	Engine_ECU	C/D	•	•,R
Accent Mc	2006 - 2011	G4EE	1.4L L4 DOHC	Engine_ECU	C/D	•	•,R
Atoz/Amica Mx	2001 - 2005		1.0L L4 SOHC	-	C/D		
Atoz/Amica Mxl	2006 - 2006	G4HC	1.0L L4 SOHC	Engine_ECU	C/D		
Atoz/Amica Mxl	2006 - 2006	G4HD	1.1L L4 SOHC	Engine_ECU	C/D		
Elantra Xd	2001 - 2003	D4EA	2.0L CRDi	2.0L CRDi CAN	C/D	•	•,I,P
Elantra Xd	2001 - 2003	D4EA	2.0L CRDi	2.0L CRDi VGT	C/D	•	
Elantra Xd	2001 - 2003	D4EA	2.0L CRDi	2.0L CRDi WGT	C/D	•	
Elantra Xd	2001 - 2003	G4ED	1.6L L4 DOHC	Engine_ECU	C/D		
Elantra Xd	2001 - 2003	G4GC	2.0L L4 DOHC	-	C/D	•	
Elantra Xd2	2003 - 2005	G4GC	2.0L L4 DOHC CVVT	-	C/D	•	
Elantra Xd2	2003 - 2007	D4EA	2.0L CRDi	2.0L CRDi CAN	C/D	•	•,I,P
Elantra Xd2	2003 - 2007	D4EA	2.0L CRDi	2.0L CRDi VGT	C/D	•	
Elantra Xd2	2003 - 2007	D4EA	2.0L CRDi	2.0L CRDi WGT	C/D	•	
Elantra Xd2	2003 - 2007	G4ED	1.6L L4 DOHC	Engine_ECU	C/D	•	
Elantra Xd2	2003 - 2007	G4GB	1.8L L4	Engine_ECU	C/D	•	•,R
Elantra Xd2	2006 - 2007	G4GC	2.0L L4 DOHC	-	C/D	•	
Getz	2003 - 2005		1.5L CRDi TCI-D	Engine_ECU	C/D		
Getz	2003 - 2005	G4EA	1.4L L4 SOHC	Engine_ECU	C/D		
Getz	2003 - 2005	G4ED	1.6L L4 SOHC	Engine_ECU	C/D		
Getz	2003 - 2011	G4EA	1.3L L4 SOHC	Engine_ECU	C/D	•	
Getz	2003 - 2011	G4HD	1.1L L4 SOHC	Engine_ECU	C/D	•	
Getz	2007 - 2011		1.5L CRD TCI-U	Engine_ECU	C/D	•	•,I
Getz	2007 - 2011	G4EA	1.4L L4 DOHC	Engine_ECU	C/D	•	
Getz	2007 - 2011	G4ED	1.6L L4	Engine_ECU	C/D	•	
Getz 03-05	2006 - 2006		1.5L CRDi TCI-D	Engine_ECU	C/D		
Getz 03-05	2006 - 2006	G4EA	1.3L L4 SOHC	Engine_ECU	C/D		
Getz 03-05	2006 - 2006	G4EA	1.4L L4 SOHC	Engine_ECU	C/D		
Getz 03-05	2006 - 2006	G4ED	1.6L L4 SOHC	Engine_ECU	C/D		
Getz 03-05	2006 - 2006	G4HD	1.1L L4 SOHC	Engine_ECU	C/D		
Getz 06-	2006 - 2006		1.5L CRD TCI-U	Engine_ECU	C/D	•	•,I
Getz 06-	2006 - 2006	G4EA	1.3L L4 SOHC	Engine_ECU	C/D	•	
Getz 06-	2006 - 2006	G4EA	1.4L L4 DOHC	Engine_ECU	C/D	•	
Getz 06-	2006 - 2006	G4ED	1.6L L4 SOHC	Engine_ECU	C/D	•	
Getz 06-	2006 - 2006	G4HD	1.1L L4 SOHC	Engine_ECU	C/D	•	
Grandeur	2007 - 2010	D4EB	2.2L CRDi	2.0L CRDi CAN	C/D	•	•,I,P
Grandeur	2007 - 2010	D4EB	2.2L CRDi	2.0L CRDi VGT	C/D	•	
Grandeur	2007 - 2010	D4EB	2.2L CRDi	2.0L CRDi WGT	C/D	•	
Grandeur	2007 - 2010	G6DB	3.3L V6	Engine_ECU	C/D	•	
Hd Coupe Gk	2001 - 2005	G4GC	2.0L L4 DOHC	-	C/D		
Hd Coupe Gk	2001 - 2010	G4ED	1.6L L4 DOHC	Engine_ECU	C/D		
Hd Coupe Gk	2001 - 2010	G6BA	2.7L V6 DOHC	Engine_ECU	C/D	•	
H-Series	2007 - 2009	D4CB	2.5 CRDi	Engine_ECU	C/D	•	•,I,P
H-Series	2010 - 2013		2.5L TCI-A	Engine_ECU	C/D	•	•,I,P
H-Series	2010 - 2013		2.5L TCI-A2	Engine_ECU	C/D	•	•,I
i10	2008 - 2012	G4HG	1.1L SOHC	Engine_ECU	C/D	•	•,R
i10	2008 - 2012	G4LA	1.2L DOHC	Engine_ECU	C/D	•	•,R
i10	2012 - 2012		1.0L DOHC	Engine_ECU	C/D	•	•,R
i10 IA	2013 - 2013		1.0 MPI	Engine_ECU	C/D	•	•,R
i10 IA	2013 - 2013		1.2 MPI	Engine_ECU	C/D	•	•,R
i10 My10	2011 - 2011	G4HG	1.1L	Engine_ECU	C/D	•	•,R
i10 My10	2011 - 2011	G4LA	1.2L	Engine_ECU	C/D	•	•,R

HYUNDAI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
i10 My11	2011 - 2011		1.0L DOHC	Engine_ECU	C/D	•	•,R
i10 My11	2011 - 2011	G4HG	1.1L SOHC	Engine_ECU	C/D	•	•,R
i10 My11	2011 - 2011	G4LA	1.2L DOHC	Engine_ECU	C/D	•	•,R
i10 PA	2013 - 2013		1.0L DOHC	Engine_ECU	C/D	•	•,R
i10 PA	2013 - 2013	G4HG	1.1L SOHC	Engine_ECU	C/D	•	•,R
i10 PA	2013 - 2013	G4LA	1.2L DOHC	Engine_ECU	C/D	•	•,R
i20	2008 - 2011	4FB	1.6L TCI-U2	Engine_ECU	C/D	•	•,I,P
i20	2008 - 2011	D4FC	1.4D TCI-U	Engine_ECU	C/D	•	•,I,P
i20	2008 - 2011	G4FA	1.4L L4	Engine_ECU	C/D	•	•,R
i20	2008 - 2011	G4FC	1.6L L4	Engine_ECU	C/D	•	•,R
i20	2008 - 2011	G4LA	1.2L	Engine_ECU	C/D	•	•,R
i20	2010 - 2011	4FC	1.4D TCI-U2	Engine_ECU	C/D	•	•,I,R
i30 C/W	2007 - 2011	D4EA	2.0L CRDi	2.0L CRDi CAN	C/D	•	•,I,P
i30 C/W	2007 - 2011	D4EA	2.0L CRDi	2.0L CRDi VGT	C/D	•	
i30 C/W	2007 - 2011	D4EA	2.0L CRDi	2.0L CRDi WGT	C/D	•	
i30 C/W	2007 - 2011	D4FB	1.6D TCI-U	Engine_ECU	C/D	•	•,I,P
i30 C/W	2007 - 2011	G4FA	1.4L	Engine_ECU	C/D	•	•,R
i30 C/W	2007 - 2011	G4FC	1.6L L4	Engine_ECU	C/D	•	•,R
i30 C/W	2007 - 2011	G4GC	2.0L L4 DOHC	Engine_ECU	C/D	•	•,R
i30 C/W Phase2	2010 - 2011	D4EA	2.0L CRDi	2.0L CRDi CAN	C/D	•	•,I,P
i30 C/W Phase2	2010 - 2011	D4EA	2.0L CRDi	2.0L CRDi VGT	C/D	•	
i30 C/W Phase2	2010 - 2011	D4EA	2.0L CRDi	2.0L CRDi WGT	C/D	•	
i30 C/W Phase2	2010 - 2011	D4FB	1.6D TCI-U2	Engine_ECU	C/D	•	•,I,P
i30 C/W Phase2	2010 - 2011	G4FA	1.4L	Engine_ECU	C/D	•	•,R
i30 C/W Phase2	2010 - 2011	G4FC	1.6L L4	Engine_ECU	C/D	•	•,R
i30 C/W Phase2	2010 - 2011	G4GC	2.0L L4 DOHC	Engine_ECU	C/D	•	•,R
i30 FD	2007 - 2011	D4FB	1.6D TCI-U	Engine_ECU	C/D	•	•,I,P
i30 FD	2007 - 2012	D4EA	2.0L CRDi	2.0L CRDi CAN	C/D	•	•,I,P
i30 FD	2007 - 2012	D4EA	2.0L CRDi	2.0L CRDi VGT	C/D	•	
i30 FD	2007 - 2012	D4EA	2.0L CRDi	2.0L CRDi WGT	C/D	•	
i30 FD	2007 - 2012	G4FA	1.4L	Engine_ECU	C/D	•	•,R
i30 FD	2007 - 2012	G4FC	1.6L L4	Engine_ECU	C/D	•	•,R
i30 FD	2007 - 2012	G4GC	2.0L L4 DOHC	Engine_ECU	C/D	•	•,R
i30 FD	2012 - 2012	D4FB	1.6D TCI-U2	Engine_ECU	C/D	•	•,I,P
i30 FD Phase2	2010 - 2011	D4EA	2.0L CRDi	2.0L CRDi CAN	C/D	•	•,I,P
i30 FD Phase2	2010 - 2011	D4EA	2.0L CRDi	2.0L CRDi VGT	C/D	•	
i30 FD Phase2	2010 - 2011	D4EA	2.0L CRDi	2.0L CRDi WGT	C/D	•	
i30 FD Phase2	2010 - 2011	D4FB	1.6D TCI-U2	Engine_ECU	C/D	•	•,I,P
i30 FD Phase2	2010 - 2011	G4FA	1.4L	Engine_ECU	C/D	•	•,R
i30 FD Phase2	2010 - 2011	G4FC	1.6L L4	Engine_ECU	C/D	•	•,R
i30 FD Phase2	2010 - 2011	G4GC	2.0L L4 DOHC	Engine_ECU	C/D	•	•,R
i30 GD	2012 - 2013	D4FB	1.4D TCI-U2	Engine_ECU	C/D	•	•,I,R
i30 GD	2012 - 2013	D4FB	1.6D TCI-U2	Engine_ECU	C/D	•	•,I,P
i30 GD	2012 - 2013	G4FC	1.4L L4	Engine_ECU	C/D	•	•,R
i30 GD	2012 - 2013	G4FC	1.6L L4	Engine_ECU	C/D	•	•,R
i40	2011 - 2013	G4FC	2.0L GDI	Engine_ECU	C/D	•	•,R
i40	2011 - 2013	G4FD	1.6L GDI	Engine_ECU	C/D	•	•,R
i40	2011 - 2013	TCI-U2	1.7D	Engine_ECU	C/D	•	•,I,P
i40 Tourer	2012 - 2013	G4FC	2.0L GDI	Engine_ECU	C/D	•	•,R
i40 Tourer	2012 - 2013	G4FD	1.6L GDI	Engine_ECU	C/D	•	•,R
i40 Tourer	2012 - 2013	TCI-U2	1.7D	Engine_ECU	C/D	•	•,I,P
i800	2007 - 2009	D4CB	2.5 CRDi	Engine_ECU	C/D	•	•,I,P
i800	2010 - 2013		2.5L TCI-A	Engine_ECU	C/D	•	•,I,P
i800	2010 - 2013		2.5L TCI-A2	Engine_ECU	C/D	•	•,I
iload	2007 - 2009	D4CB	2.5L CRDi	Engine_ECU	C/D	•	•,I,P
iload	2010 - 2013		2.5L TCI-A	Engine_ECU	C/D	•	•,I,P
iload	2010 - 2013		2.5L TCI-A2	Engine_ECU	C/D	•	•,I

# Engine Management Applications

HYUNDAI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
ix20	2009 - 2010		1.4D TCI-U2	Engine_ECU	C/D	•	•,I,R
ix20	2009 - 2010	G4FA	1.6L L4	Engine_ECU	C/D	•	•,R
ix20	2009 - 2010	G4FC	1.4L L4	Engine_ECU	C/D	•	•,R
ix20	2011 - 2011	D4FC	1.4D	Engine_ECU	C/D	•	•,I,R
ix20	2011 - 2011	G4FA	1.4L L4	Engine_ECU	C/D	•	•,R
ix20	2011 - 2011	G4FC	1.6L L4	Engine_ECU	C/D	•	•,R
ix35	2009 - 2010		2.0L DOHC	Engine_ECU	C/D	•	•,R
ix35	2009 - 2013		2.0D TC1-R	Engine_ECU	C/D	•	•,I,P
ix35	2010 - 2013		1.7D TCI-U2	Engine_ECU	C/D	•	•,I,P
ix35	2011 - 2011	G4KD	2.0L	Engine_ECU	C/D	•	•,R
ix35	2011 - 2013	G4FD	1.6L GDI	Engine_ECU	C/D	•	•,R
ix35	2012 - 2013		2.0L L4 DOHC D-CVVT	Engine_ECU	C/D	•	•,R
Matrix	2001 - 2006	G4ED	1.6L L4 DOHC	Engine_ECU	C/D	•	
Matrix	2001 - 2006	G4GB	1.8L L4	Engine_ECU	C/D	•	•,R
Matrix	2001 - 2011	D3EA	1.5L CRDi	2.0L CRDi VGT	C/D	•	
Matrix	2001 - 2011	D3EA	1.5L CRDi	2.0L CRDi WGT	C/D	•	
Matrix	2006 - 2006	G4ED	1.6L L4	Engine_ECU	C/D	•	
Matrix	2007 - 2011		1.6L L4 DOHC	Engine_ECU	C/D	•	
Matrix	2007 - 2011	D3EA	1.5L CRDi	2.0L CRDi CAN	C/D	•	•,I,P
Montana	2007 - 2009	D4CB	2.5 CRDi	Engine_ECU	C/D	•	•,I,P
Montana	2010 - 2013		2.5L TCI-A	Engine_ECU	C/D	•	•,I,P
Montana	2010 - 2013		2.5L TCI-A2	Engine_ECU	C/D	•	•,I
New i20	2012 - 2013		1.1 TCI-U2	Engine_ECU	C/D	•	•,I,R
New i20	2012 - 2013	4FC	1.4D TCI-U2	Engine_ECU	C/D	•	•,I,R
New i20	2012 - 2013	G4FA	1.4L L4	Engine_ECU	C/D	•	•,R
New i20	2012 - 2013	G4LA	1.2L	Engine_ECU	C/D	•	•,R
New ix20	2012 - 2013	4FC	1.4D TCI-U2	Engine_ECU	C/D	•	•,I,R
New ix20	2012 - 2013	D4FC	1.6D TCI-U2	Engine_ECU	C/D	•	•,I,R
New ix20	2012 - 2013	G4FA	1.4L L4	Engine_ECU	C/D	•	•,R
New ix20	2012 - 2013	G4FC	1.6L L4	Engine_ECU	C/D	•	•,R
New ix35	2013 - 2013		1.7D TCI-U2	Engine_ECU	C/D	•	•,I,P
New ix35	2013 - 2013		2.0D TC1-R	Engine_ECU	C/D	•	•,I,P
New ix35	2013 - 2013		2.0L L4 DOHC D-CVVT	Engine_ECU	C/D	•	•,R
New ix35	2013 - 2013	G4FD	1.6L GDI	Engine_ECU	C/D	•	•,R
Santa Fe	2006 - 2006	D4EA	2.0L CRDi	2.0L CRDi WGT	C/D	•	
Santa Fe	2006 - 2006	G4JP	2.0L L4 DOHC	-	C/D	•	
Santa Fe	2006 - 2006	G6BA	2.7 V6	Engine_ECU	C/D	•	
Santa Fe Cm	2006 - 2010	D4EB	2.2L CRDi	2.0L CRDi CAN	C/D	•	•,I,P
Santa Fe Cm	2006 - 2010	G6EA	2.7 V6	Engine_ECU	C/D	•	
Santa Fe Cm (AWD)	2011 - 2011	D4EB	2.2L CRDi	2.0L CRDi CAN	C/D	•	•,I,P
Santa Fe Cm (AWD)	2011 - 2011	D4HA	2.0D TC1-R	Engine_ECU	C/D	•	•,I,P
Santa Fe Cm (AWD)	2011 - 2011	D4HB	2.2D TC1-R	Engine_ECU	C/D	•	•,I,P
Santa Fe Cm Fwd	2011 - 2011	D4HA	2.0D TC1-R	Engine_ECU	C/D	•	•,I,P
Santa Fe Cm Fwd	2011 - 2011	D4HB	2.2D TC1-R	Engine_ECU	C/D	•	•,I,P
Santa Fe Dm Awd	2012 - 2013	D4HA	2.0D TC1-R	Engine_ECU	C/D	•	•,I,P
Santa Fe Dm Awd	2012 - 2013	D4HB	2.2D TC1-R	Engine_ECU	C/D	•	•,I,P
Santa Fe Dm Fwd	2012 - 2013	D4HA	2.0D TC1-R	Engine_ECU	C/D	•	•,I,P
Santa Fe Dm Fwd	2012 - 2013	D4HB	2.2D TC1-R	Engine_ECU	C/D	•	•,I,P
Santa Fe Dm Fwd	2013 - 2013		2.4L GDI	Engine_ECU	C/D	•	•,R
Santa Fe Sm	2001 - 2005	D4EA	2.0L CRDi	2.0L CRDi VGT	C/D	•	
Santa Fe Sm	2001 - 2005	D4EA	2.0L CRDi	2.0L CRDi WGT	C/D	•	
Santa Fe Sm	2001 - 2005		DOHC G4JP	-	C/D	•	
Santa Fe Sm	2001 - 2005	G4JS	2.4L L4 DOHC	-	C/D	•	
Santa Fe Sm	2001 - 2005	G6EA	2.7 V6	Engine_ECU	C/D	•	
Sonata Ef	2001 - 2006	G4JP	2.0L L4 DOHC	-	C/D	•	
Sonata Ef	2001 - 2006	G4JS	2.4L L4 DOHC	-	C/D	•	

HYUNDAI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Sonata Nf	2006 - 2010	D4EA	2.0L CRDi	2.0L CRDi CAN	C/D	•	•,I,P
Sonata Nf	2006 - 2010	G4KD	2.0L	Engine_ECU	C/D	•	
Sonata Nf	2006 - 2010	G4KE	2.4L	Engine_ECU	C/D	•	
Terracan	2001 - 2004		3.5L	-	C/D		
Terracan	2001 - 2006	D4BH	2.5L D	-	C/D		
Terracan	2001 - 2006	J3	2.9L CRDi	2.9L CR VGT	C/D	•	I
Trajét	2001 - 2005	DOHC G4JP	2.0L L4	-	C/D	•	
Trajét	2001 - 2007	D4EA	2.0L CRDi	2.0L CRDi VGT	C/D		
Trajét	2001 - 2007	D4EA	2.0L CRDi	2.0L CRDi WGT	C/D	•	
Trajét	2001 - 2007	G6EA	2.7 V6	Engine_ECU	C/D	•	
Trajét	2006 - 2007	G4JP	2.0L L4 DOHC	-	C/D	•	
Tucson Jm	2005 - 2008	D4EA	2.0L CRDi	2.0L CRDi WGT	C/D	•	
Tucson Jm	2005 - 2010	D4EA	2.0L CRDi	2.0L CRDi CAN	C/D	•	•,I,P
Tucson Jm	2005 - 2010	D4EA	2.0L CRDi	2.0L CRDi VGT	C/D	•	
Tucson Jm	2005 - 2010	G4GC	2.0L L4 DOHC	Engine_ECU	C/D	•	•,R
Veloster	2011 - 2013	G4FD	1.6L GDI	Engine_ECU	C/D	•	•,R
Veloster	2012 - 2013	G4FD	1.6L GDI Turbo	Engine_ECU	C/D	•	•,R
Xg250	2001 - 2005	G6BV	2.5L DOHC	-	C/D		

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flammable, I: Injector Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertia Body Return, A: Type of Air, \* : Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

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## Airbag

HYUNDAI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Accent Lc	2001 - 2006	-	C		
Accent Mc	2006 - 2011	-	C		
Atoz/Amica Mx	2001 - 2005	-	C		
Atoz/Amica Mxl	2006 - 2006	-	C		
Elantra Xd	2001 - 2003	-	C		
Elantra Xd2	2003 - 2007	-	C		
Getz	2003 - 2011	-	C		
Getz 03-05	2006 - 2006	-	C		
Getz 06-	2006 - 2006	-	C		
Grandeur	2007 - 2010	-	C		
Hd Coupe Gk	2001 - 2010	-	C		
H-Series	2007 - 2013	-	C		
i10	2008 - 2012	-	C		
i10 IA	2013 - 2013	-	C		
i10 My10	2011 - 2011	-	C		
i10 My11	2011 - 2011	-	C		
i10 PA	2013 - 2013	-	C		
i20	2008 - 2011	SRS CAN	C		
i30 C/W	2007 - 2011	-	C		
i30 C/W Phase2	2010 - 2011	-	C		
i30 FD	2007 - 2012	-	C		
i30 FD Phase2	2010 - 2011	-	C		
i30 GD	2012 - 2013	-	C		
i40	2011 - 2013	-	C		
i40 Tourer	2012 - 2013	-	C		
i800	2007 - 2013	-	C		
iloat	2007 - 2013	-	C		
ix20	2009 - 2011	SRS CAN	C		•C
ix35	2009 - 2013	SRS CAN	C		
Matrix	2001 - 2011	-	C		
Montana	2007 - 2013	-	C		
New i20	2012 - 2013	SRS CAN	C		
New ix20	2012 - 2013	SRS CAN	C		•C
New ix35	2013 - 2013	SRS CAN	C		
Santa Fe	2006 - 2006	-	C		
Santa Fe Cm	2006 - 2010	-	C		
Santa Fe Cm (AWD)	2011 - 2011	SRS CAN	C		
Santa Fe Cm Fwd	2011 - 2011	SRS CAN	C		
Santa Fe Dm Awd	2012 - 2013	-	C		
Santa Fe Dm Fwd	2012 - 2013	-	C		
Santa Fe Sm	2001 - 2005	-	C		
Sonata Ef	2001 - 2006	-	C		
Sonata Nf	2006 - 2010	-	C		
Terracan	2001 - 2006	-	C		
Trajjet	2001 - 2007	-	C		
Tucson Jm	2005 - 2010	-	C		
Veloster	2011 - 2013	SRS CAN	C		
Xg250	2001 - 2005	-	C		

## Antilock Brakes

HYUNDAI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Accent Lc	2001 - 2006	-	C/D	•	•BB
Accent Mc	2006 - 2011	-	C/D	•	•BB
Atoz/Amica Mx	2001 - 2005	-	C/D	•	•BB
Atoz/Amica Mxl	2006 - 2006	-	C/D	•	•BB
Elantra Xd	2001 - 2003	-	C/D	•	•BB
Elantra Xd2	2003 - 2007	-	C/D	•	•BB
Getz	2003 - 2011	Abs	C/D	•	•BB
Getz 03-05	2006 - 2006	Abs	C/D	•	•BB
Getz 06-	2006 - 2006	Abs	C/D	•	•BB
Grandeur	2007 - 2010	-	C/D	•	•BB
Hd Coupe Gk	2001 - 2010	-	C/D	•	•BB
H-Series	2007 - 2013	ABS CAN	C/D	•	•BB
i10	2008 - 2012	ABS CAN	C/D	•	•BB
i10 IA	2013 - 2013	-	C/D	•	•BB
i10 My10	2011 - 2011	ABS CAN	C/D	•	•BB
i10 My11	2011 - 2011	ABS CAN	C/D	•	•BB
i10 PA	2013 - 2013	ABS CAN	C/D	•	•BB
i20	2008 - 2011	ABS CAN	C/D	•	•BB
i30 C/W	2007 - 2011	-	C/D	•	•BB
i30 C/W Phase2	2010 - 2011	-	C/D	•	•BB
i30 FD	2007 - 2012	-	C/D	•	•BB
i30 FD	2012 - 2012	ABS CAN	C/D	•	•BB
i30 FD Phase2	2010 - 2011	-	C/D	•	•BB
i30 GD	2012 - 2013	ABS CAN	C/D	•	•BB
i40	2011 - 2013	ABS CAN	C/D	•	•BB
i40 Tourer	2012 - 2013	ABS CAN	C/D	•	•BB
i800	2007 - 2013	ABS CAN	C/D	•	•BB
iloat	2007 - 2013	ABS CAN	C/D	•	•BB
ix20	2009 - 2011	ABS CAN	C/D	•	•BB
ix35	2009 - 2013	ABS CAN	C/D	•	•BB
Matrix	2001 - 2011	-	C/D	•	•BB
Montana	2007 - 2013	ABS CAN	C/D	•	•BB
New i20	2012 - 2013	ABS CAN	C/D	•	•BB
New ix20	2012 - 2013	ABS CAN	C/D	•	•BB
New ix35	2013 - 2013	ABS CAN	C/D	•	•BB
Santa Fe	2006 - 2006	-	C/D	•	•BB
Santa Fe Cm	2006 - 2010	-	C/D	•	•BB
Santa Fe Cm (AWD)	2011 - 2011	-	C/D	•	•BB
Santa Fe Cm Fwd	2011 - 2011	-	C/D	•	•BB
Santa Fe Dm Awd	2012 - 2013	-	C/D	•	•BB
Santa Fe Dm Fwd	2012 - 2013	ABS CAN	C/D	•	•BB
Santa Fe Sm	2001 - 2005	-	C/D	•	•BB
Sonata Ef	2001 - 2006	-	C/D	•	•BB
Sonata Nf	2006 - 2010	-	C/D	•	•BB
Terracan	2001 - 2006	-	C/D	•	•BB
Trajjet	2001 - 2007	-	C/D	•	•BB
Tucson Jm	2005 - 2010	-	C/D	•	•BB
Veloster	2011 - 2013	ABS CAN	C/D	•	•BB
Xg250	2001 - 2005	-	C/D	•	•BB

## Auto Transmission

HYUNDAI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Accent Lc	2001 - 2006	-	C/D		
Accent Mc	2006 - 2011	TRANS CAN	C/D	•	•,R
Atoz/Amica Mx	2001 - 2005	-	C/D		
Atoz/Amica Mxl	2006 - 2006	-	C/D		
Elantra Xd	2001 - 2003	-	C/D		
Elantra Xd2	2003 - 2007	TRANS	C/D	•	
Elantra Xd2	2003 - 2007	TRANS	C/D	•	•,R
Getz	2003 - 2011	TRANS	C/D	•	
Getz 03-05	2006 - 2006	TRANS	C/D	•	
Getz 06-	2006 - 2006	TRANS	C/D	•	
Grandeur	2007 - 2010	TRANS CAN	C/D	•	
Hd Coupe Gk	2001 - 2004	-	C/D	•	
Hd Coupe Gk	2005 - 2010	TRANS	C/D	•	•,R
Hd Coupe Gk	2006 - 2010	TRANS CAN	C/D	•	
H-Series	2007 - 2013	TRANS CAN	C/D		
i10	2008 - 2012	TRANS CAN	C/D	•	R
i10 IA	2013 - 2013	TRANS CAN	C/D	•	R
i10 My10	2011 - 2011	TRANS CAN	C/D	•	R
i10 My11	2011 - 2011	TRANS CAN	C/D	•	R
i10 PA	2013 - 2013	TRANS CAN	C/D	•	R
i20	2008 - 2011	TRANS CAN	C/D	•	R
i30 C/W	2007 - 2011	TRANS CAN	C/D	•	R
i30 C/W Phase2	2010 - 2011	TRANS CAN	C/D	•	R
i30 FD	2007 - 2012	TRANS CAN	C/D	•	R
i30 FD Phase2	2010 - 2011	TRANS CAN	C/D	•	R
i30 GD	2012 - 2013	TRANS CAN	C/D	•	R
i40	2011 - 2013	TRANS CAN	C/D	•	R
i40 Tourer	2012 - 2013	TRANS CAN	C/D	•	R
i800	2007 - 2013	TRANS CAN	C/D	•	R
iloat	2007 - 2013	TRANS CAN	C/D	•	R
ix20	2009 - 2011	TRANS CAN	C/D	•	R
ix35	2009 - 2013	TRANS CAN	C/D	•	R
Matrix	2001 - 2011	TRANS	C/D	•	
Montana	2007 - 2013	TRANS CAN	C/D		
New i20	2012 - 2013	TRANS CAN	C/D	•	R
New ix20	2012 - 2013	TRANS CAN	C/D	•	R
New ix35	2013 - 2013	TRANS CAN	C/D	•	R
Santa Fe	2006 - 2006	-	C/D	•	
Santa Fe Cm	2006 - 2010	TRANS	C/D		
Santa Fe Cm (AWD)	2011 - 2011	TRANS	C/D	•	•,R
Santa Fe Cm Fwd	2011 - 2011	TRANS CAN	C/D	•	
Santa Fe Dm Awd	2012 - 2013	TRANS	C/D	•	
Santa Fe Dm Fwd	2012 - 2013	TRANS CAN	C/D	•	
Santa Fe Sm	2001 - 2005	-	C/D	•	
Santa Fe Cm (AWD)	2011 - 2011	TRANS CAN	C/D	•	
Santa Fe Cm (AWD)	2011 - 2011	TRANS CAN	C/D	•	R
Santa Fe Cm Fwd	2011 - 2011	TRANS CAN	C/D	•	R
Santa Fe Dm Awd	2012 - 2013	TRANS CAN	C/D	•	R
Santa Fe Dm Fwd	2012 - 2013	TRANS CAN	C/D	•	R
Santa Fe Sm	2001 - 2005	-	C/D	•	
Sonata Ef	2001 - 2006	-	C/D	•	
Sonata Nf	2006 - 2010	TRANS	C/D	•	
Terracan	2001 - 2006	TRANS CAN	C/D	•	
Trajjet	2001 - 2007	-	C/D	•	
Tucson Jm	2005 - 2010	TRANS	C/D	•	•,R
Tucson Jm	2005 - 2010	TRANS CAN	C/D	•	R
Veloster	2011 - 2013	TRANS CAN	C/D	•	
Veloster	2011 - 2013	TRANS CAN	C/D	•	R

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flywheel, I - Injector Coding, O - Oil reset for DPF, P - Particulate Filter, R - Relearn, RA - Reset Adaptation's, S - Steering Angle Sensor, E - Electronic Body Relearn, JA - Jumper/Autor Type Semi Auto, \* - Other (see table on page 263) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated.

## Instrument Panel

HYUNDAI	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
	Veloster	2013 - 2013	-	C/D		

## Other

HYUNDAI	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
	New i20	2013 - 2013	EPS	C/D			Electronic Power Steering
	Veloster	2011 - 2013	-	C/D			Electronic Power Steering
	Tucson Jm	2005 - 2010	-	C/D			4WD Control
	Santa Fe Dm Awd	2012 - 2013	-	C/D			4WD Control
	Santa Fe Sm	2001 - 2005	-	C/D			4WD Control
	Santa Fe	2006 - 2006	-	C/D			4WD Control
	Santa Fe Cm	2006 - 2010	-	C/D			4WD Control
	Santa Fe Cm (AWD)	2011 - 2011	-	C/D			4WD Control
	Santa Fe Cm (AWD)	2011 - 2011	-	C/D	•		Body Control Module
	Santa Fe Cm	2006 - 2010	-	C/D	•		Body Control Module
	New ix35	2013 - 2013	BCM	C/D	•		Body Control Module
	New i20	2012 - 2013	BCM	C/D	•		Body Control Module
	New ix20	2012 - 2013	BCM	C/D	•		Body Control Module
	Sonata Nf	2006 - 2010	-	C/D	•		Body Control Module
	Santa Fe Dm Awd	2012 - 2013	-	C/D	•		Body Control Module
	Santa Fe Cm Fwd	2011 - 2011	-	C/D	•		Body Control Module
	Veloster	2011 - 2013	-	C/D	•		Body Control Module
	Grandeur	2007 - 2010	-	C/D	•		Body Control Module
	Hd Coupe Gk	2001 - 2010	-	C/D	•		Body Control Module
	H-Series	2007 - 2013	-	C/D	•		Body Control Module
	i20	2008 - 2011	BCM	C/D	•		Body Control Module
	i30 C/W	2007 - 2011	-	C/D	•		Body Control Module
	i30 C/W Phase2	2010 - 2011	-	C/D	•		Body Control Module
	i30 FD	2007 - 2012	-	C/D	•		Body Control Module
	i30 FD Phase2	2010 - 2011	-	C/D	•		Body Control Module
	i40	2011 - 2013	-	C/D	•		Body Control Module
	i800	2007 - 2013	-	C/D	•		Body Control Module
	i40 Tourer	2012 - 2013	-	C/D	•		Body Control Module
	ix20	2009 - 2011	BCM	C/D	•		Body Control Module
	ix35	2009 - 2013	BCM	C/D	•		Body Control Module
	ix35	2011 - 2013	-	C/D	•		Body Control Module
	Montana	2007 - 2013	-	C/D	•		Body Control Module
	Tucson Jm	2005 - 2010	-	C/D	•		Body Control Module(if fitted)
	Tucson Jm	2005 - 2010	-				Clear all Codes read by Code Scan
	New ix35	2013 - 2013	-				Clear all Codes read by Code Scan
	Sonata Nf	2006 - 2010	-				Clear all Codes read by Code Scan
	New ix20	2012 - 2013	-				Clear all Codes read by Code Scan
	Santa Fe Cm	2006 - 2010	-				Clear all Codes read by Code Scan
	Santa Fe Cm (AWD)	2011 - 2011	-				Clear all Codes read by Code Scan
	Santa Fe Cm Fwd	2011 - 2011	-				Clear all Codes read by Code Scan
	New i20	2012 - 2013	-				Clear all Codes read by Code Scan
	i800	2007 - 2013	-				Clear all Codes read by Code Scan

## Other Continued

HYUNDAI	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
	Montana	2007 - 2013	-				Clear all Codes read by Code Scan
	ix35	2009 - 2013	-				Clear all Codes read by Code Scan
	iloard	2007 - 2013	-				Clear all Codes read by Code Scan
	ix20	2009 - 2011	-				Clear all Codes read by Code Scan
	i40 Tourer	2012 - 2013	-				Clear all Codes read by Code Scan
	i30 GD	2012 - 2013	-				Clear all Codes read by Code Scan
	i30 FD Phase2	2010 - 2011	-				Clear all Codes read by Code Scan
	i40	2011 - 2013	-				Clear all Codes read by Code Scan
	i30 FD	2007 - 2012	-				Clear all Codes read by Code Scan
	i30 C/W Phase2	2010 - 2011	-				Clear all Codes read by Code Scan
	i30 C/W	2007 - 2011	-				Clear all Codes read by Code Scan
	H-Series	2007 - 2013	-				Clear all Codes read by Code Scan
	i20	2008 - 2011	-				Clear all Codes read by Code Scan
	i10 My11	2011 - 2011	-				Clear all Codes read by Code Scan
	i10 PA	2013 - 2013	-				Clear all Codes read by Code Scan
	i10	2008 - 2012	-				Clear all Codes read by Code Scan
	Accent Mc	2006 - 2011	-				Clear all Codes read by Code Scan
	i10 IA	2013 - 2013	-				Clear all Codes read by Code Scan
	i10 My10	2011 - 2011	-				Clear all Codes read by Code Scan
	Hd Coupe Gk	2006 - 2010	-				Clear all Codes read by Code Scan
	Getz	2003 - 2011	-				Clear all Codes read by Code Scan
	Getz 03-05	2006 - 2006	-				Clear all Codes read by Code Scan
	Getz 06-	2006 - 2006	-				Clear all Codes read by Code Scan
	Grandeur	2007 - 2010	-				Clear all Codes read by Code Scan
	i20	2008 - 2011	EPS	C/D			Electronic Power Steering
	ix35	2010 - 2012	EPS	C/D			Electronic Power Steering
	i10 PA	2013 - 2013	-	C/D			Electronic Powered Steering
	i10 My11	2011 - 2011	-	C/D			Electronic Powered Steering
	i10	2008 - 2012	-	C/D			Electronic Powered Steering
	i10 My10	2011 - 2011	-	C/D			Electronic Powered Steering
	i40 Tourer	2012 - 2013	EPB CAN	C/D	•	•	Electronic Parking Brake
	i40	2011 - 2013	EPB CAN	C/D	•	•	Electronic Parking Brake
	i40	2013 - 2013	-	C/D			Electronic Power Steering
	i40	2011 - 2012	EPS	C/D			Electronic Power Steering
	i40 Tourer	2012 - 2012	EPS	C/D			Electronic Power Steering
	i30 C/W	2007 - 2008	-	C/D			Electronic Power Steering
	i40 Tourer	2013 - 2013	-	C/D			Electronic Power Steering
	i10 IA	2013 - 2013	-	C/D			Electronic Power Steering
	i30 FD	2007 - 2009	-	C/D			Electronic Power Steering
	New i20	2012 - 2013	EPS	C/D			Electronic Power Steering
	New ix35	2013 - 2013	EPS	C/D			Electronic Steering
	ix35	2013 - 2013	EPS	C/D			Electronic Steering
	Veloster	2012 - 2013	TPMS CAN	C/D	•		Tire Pressure Monitor
	New i20	2013 - 2013	TPMS CAN	C/D	•		Tire Pressure Monitor
	New ix20	2013 - 2013	TPMS CAN	C/D	•		Tire Pressure Monitor
	Veloster	2011 - 2013	TPMS CAN	C/D	•	•	Tire Pressure Monitor
	i20	2011 - 2011	TPMS CAN	C/D	•		Tire Pressure Monitor
	i30 GD	2013 - 2013	TPMS CAN	C/D	•		Tire Pressure Monitor
	i40	2013 - 2013	TPMS CAN	C/D	•		Tire Pressure Monitor
	i40 Tourer	2012 - 2013	-	C/D			Wheel Alignment
	i40	2011 - 2013	-	C/D			Wheel Alignment
	i30 FD Phase2	2010 - 2011	-	C/D			Wheel Alignment
	i30 GD	2012 - 2013	-	C/D			Wheel Alignment
	ix35	2009 - 2013	-	C/D			Wheel Alignment

## Other Continued

HYUNDAI	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
	ix20	2009 - 2011	-	C/D			Wheel Alignment
	i30 FD	2007 - 2012	-	C/D			Wheel Alignment
	i30 C/W	2007 - 2011	-	C/D			Wheel Alignment
	i30 C/W Phase2	2010 - 2011	-	C/D			Wheel Alignment
	New ix20	2012 - 2013	-	C/D			Wheel Alignment
	Veloster	2011 - 2013	-	C/D			Wheel Alignment
	Tucson Jm	2005 - 2010	-				Code Scan
	New ix35	2013 - 2013	-				Code Scan
	Sonata Nf	2006 - 2010	-				Code Scan
	New ix20	2012 - 2013	-				Code Scan
	Santa Fe Cm	2006 - 2010	-				Code Scan
	Santa Fe Cm (AWD)	2011 - 2011	-				Code Scan
	Santa Fe Cm Fwd	2011 - 2011	-				Code Scan
	New i20	2012 - 2013	-				Code Scan
	i800	2007 - 2013	-				Code Scan
	Montana	2007 - 2013	-				Code Scan
	ix35	2009 - 2013	-				Code Scan
	iloard	2007 - 2013	-				Code Scan
	ix20	2009 - 2011	-				Code Scan
	i40 Tourer	2012 - 2013	-				Code Scan
	i30 GD	2012 - 2013	-				Code Scan
	i30 FD Phase2	2010 - 2011	-				Code Scan
	i40	2011 - 2013	-				Code Scan
	i30 FD	2007 - 2012	-				Code Scan
	i30 C/W Phase2	2010 - 2011	-				Code Scan
	i30 C/W	2007 - 2011	-				Code Scan
	H-Series	2007 - 2013	-				Code Scan
	i20	2008 - 2011	-				Code Scan
	i10 My11	2011 - 2011	-				Code Scan
	i10 PA	2013 - 2013	-				Code Scan
	i10	2008 - 2012	-				Code Scan
	Accent Mc	2006 - 2011	-				Code Scan
	i10 IA	2013 - 2013	-				Code Scan
	i10 My10	2011 - 2011	-				Code Scan
	Hd Coupe Gk	2006 - 2010	-				Code Scan
	Getz	2003 - 2011	-				Code Scan
	Getz 03-05	2006 - 2006	-				Code Scan
	Getz 06-	2006 - 2006	-				Code Scan
	Grandeur	2007 - 2010	-				Code Scan

Key for Special Functions: BB-Brake Bleed, BS-Brake Service, C-Crash Data, CF-Configuration, E-EGAS, F-Fluoride, H-Injector Coding, O-Oil reset for DPPE, P-Particulate Filter, R-Relaxum, RA-Reset Adaptations, S-Steering Angle Sensor, E-Inhibitor Body Relearn, JA-Jake/Autor Type Semi Auto, \* -Other (see table on page 26) Data grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



## Engine Management Applications

JAGUAR							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
F-Type (X152)	2013 - 2013		3.0L Petrol V6 Supercharged	PCM	C/D		
S-Type (X200)	2000 - 2001		4.0L Petrol V8	Ford PTEC 5R55N_1_2	C/D		
S-Type (X200)	2000 - 2008		3.0L Petrol V6	PCM	C/D	•	
S-Type (X200)	2002 - 2005		2.5L Petrol V6	PCM	C/D	•	
S-Type (X200)	2002 - 2008		4.2L Petrol V8	PCM	C/D	•	
S-Type (X200)	2002 - 2008		4.2L Petrol V8 Supercharged	PCM	C/D	•	
S-Type (X200)	2005 - 2008		2.7L Diesel V6	PCM	C/D	•	•,P
XF/XFR (X250)	2009 - 2009		2.7L Diesel V6	PCM	C/D	•	•,E,P,T
XF/XFR (X250)	2009 - 2009		4.2L Petrol V8	PCM	C/D	•	
XF/XFR (X250)	2009 - 2009		4.2L Petrol V8 Supercharged	PCM	C/D	•	
XF/XFR (X250)	2009 - 2012		3.0L Petrol V6	PCM	C/D	•	
XF/XFR (X250)	2010 - 2012		5.0L Petrol V8	PCM	C/D	•	
XF/XFR (X250)	2010 - 2013		3.0L Diesel V6	PCM	C/D	•	•,I,P
XF/XFR (X250)	2010 - 2013		5.0L Petrol V8 Supercharged	PCM	C/D	•	
XF/XFR (X250)	2012 - 2013		2.2L Diesel	PCM	C/D	•	•,I
XF/XFR (X250)	2013 - 2013		2.0L Petrol	PCM	C/D		
XF/XFR (X250)	2013 - 2013		3.0L Petrol V6 Supercharged	PCM	C/D		
XJ (X308)	2000 - 2003		3.2L Petrol V8	PCM	C/D		
XJ (X308)	2000 - 2003		4.0L Petrol V8	PCM	C/D		
XJ (X308)	2000 - 2003		4.0L Petrol V8 Supercharged	PCM	C/D		
XJ (X350)	2003 - 2005		3.0L Petrol V6	Denso 32Bit V6_8 Sys_A1_5	C/D	•	
XJ (X350)	2003 - 2005		4.2L Petrol V8	Denso 32Bit V6_8 Sys_A1_4	C/D	•	
XJ (X350)	2003 - 2005		4.2L Petrol V8 Supercharged	Denso 32Bit V6_8 Sys_A1_5	C/D	•	
XJ (X350)	2003 - 2009		3.5L Petrol V8	PCM	C/D		
XJ (X350)	2006 - 2009		2.7L Diesel V6	PCM	C/D	•	•,P
XJ (X350)	2006 - 2009		3.0L Petrol V6	PCM	C/D		
XJ (X350)	2006 - 2009		4.2L Petrol V8	PCM	C/D		
XJ (X350)	2006 - 2009		4.2L Petrol V8 Supercharged	PCM	C/D		
XJ (X351)	2010 - 2012		3.0L Petrol V6	PCM	C/D		
XJ (X351)	2010 - 2013		3.0L Diesel V6	PCM	C/D	•	
XJ (X351)	2010 - 2013		5.0L Petrol V8	PCM	C/D		
XJ (X351)	2013 - 2013		2.0L Petrol	PCM	C/D		
XJ (X351)	2013 - 2013		3.0L Petrol V6 Supercharged	PCM	C/D		
XK/XKR (X150)	2006 - 2009		3.5L Petrol V8	PCM	C/D		
XK/XKR (X150)	2006 - 2009		4.2L Petrol V8	PCM	C/D	•	
XK/XKR (X150)	2006 - 2009		4.2L Petrol V8 Supercharged	PCM	C/D	•	
XK/XKR (X150)	2010 - 2013		5.0L Petrol V8	PCM	C/D	•	
XK/XKR (X150)	2010 - 2013		5.0L Petrol V8 Supercharged	PCM	C/D	•	
XK8/XKR (X100)	2000 - 2002		4.0L Petrol V8	PCM	C/D		
XK8/XKR (X100)	2000 - 2002		4.0L Petrol V8 Supercharged	PCM	C/D		
XK8/XKR (X100)	2003 - 2006		4.2L Petrol V8	PCM	C/D		
XK8/XKR (X100)	2003 - 2006		4.2L Petrol V8 Supercharged	PCM	C/D		
X-Type (X400)	2001 - 2010		2.0L Petrol V6	PCM	C/D	•	
X-Type (X400)	2001 - 2010		2.5L Petrol V6	PCM	C/D	•	
X-Type (X400)	2001 - 2010		3.0L Petrol V6	PCM	C/D	•	
X-Type (X400)	2004 - 2010		2.0L Diesel	PCM	C/D		•
X-Type (X400)	2006 - 2010		2.2L Diesel L4	PCM	C/D		•

## Airbag

JAGUAR					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
F-Type (X152)	2013 - 2013	RCM	C/D		
S-Type (X200)	2000 - 2001	Ford X200 RCM_1_1	C/D		
S-Type (X200)	2002 - 2008	RCM	C/D		
XF/XFR (X250)	2009 - 2013	RCM	C/D		
XJ (X308)	2000 - 2003	TRW System_1_1	C/D		
XJ (X350)	2003 - 2009	RCM	C/D		
XJ (X351)	2010 - 2013	RCM	C/D		
XK/XKR (X150)	2006 - 2013	RCM	C/D		
XK8/XKR (X100)	2000 - 2000	Ford X100 RCM_1_1	C/D		
XK8/XKR (X100)	2001 - 2002	Autoliv RCM ARM300 Sys_A2_1	C		
XK8/XKR (X100)	2003 - 2006	Autoliv RCM ARM400 Sys_A2_5	C/D		
X-Type (X400)	2001 - 2010	RCM	C/D		

## Antilock Brakes

JAGUAR					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
F-Type (X152)	2013 - 2013	ABS	C/D	•	
S-Type (X200)	2000 - 2001	Ford ATE 1_1	C/D		
S-Type (X200)	2000 - 2001	Ford ATE 1_2	C/D		
S-Type (X200)	2002 - 2008	ABS	C/D		•
XF/XFR (X250)	2009 - 2013	ABS	C/D	•	
XJ (X308)	2000 - 2003	ABS	C/D		•
XJ (X350)	2003 - 2009	ABS	C/D	•	•
XJ (X350)	2006 - 2009	ABS	C/D		•
XJ (X351)	2010 - 2013	ABS	C/D	•	
XK/XKR (X150)	2006 - 2009	ABS	C/D		•
XK/XKR (X150)	2010 - 2013	ABS	C/D	•	
XK8/XKR (X100)	2000 - 2002	ABS	C/D		•
XK8/XKR (X100)	2003 - 2006	ABS	C/D	•	•
X-Type (X400)	2001 - 2010	ABS	C/D		

## Auto Transmission

JAGUAR					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
F-Type (X152)	2013 - 2013	TCM	C/D		
S-Type (X200)	2000 - 2001	Ford PTEC 5R55N_1_3	C/D		
S-Type (X200)	2002 - 2008	TCM	C/D		
XF/XFR (X250)	2009 - 2013	TCM	C/D		
XJ (X308)	2000 - 2003	TCM	C/D		
XJ (X350)	2003 - 2009	TCM	C/D		
XJ (X351)	2010 - 2013	TCM	C/D		
XK/XKR (X150)	2006 - 2009	TCM	C/D		
XK/XKR (X150)	2010 - 2013	TCM	C/D		
XK8/XKR (X100)	2000 - 2002	Bosch ZF_5HP24_1_4	C/D		
XK8/XKR (X100)	2000 - 2006	TCM	C/D		
X-Type (X400)	2001 - 2010	TCM	C/D		

## Other

JAGUAR						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
F-Type (X152)	2013 - 2013	BCM	C/D			Body Control Module
XJ (X351)	2010 - 2013	BCM	C/D	•		Body Control Module
X-Type (X400)	2005 - 2010	BCM	C/D	•		Body Control Module
XJ (X350)	2005 - 2009	BCM - Front	C/D			Body Control Module - Front
XK/XKR (X150)	2006 - 2013	BCM - Front	C/D			Body Control Module - Front
S-Type (X200)	2005 - 2008	BCM - Front	C/D	•		Body Control Module - Front
XF/XFR (X250)	2009 - 2013	BCM - Front	C/D	•		Body Control Module - Front
XF/XFR (X250)	2009 - 2013	BCM - Rear	C/D			Body Control Module - Rear
S-Type (X200)	2005 - 2008	BCM - Rear	C/D	•		Body Control Module - Rear
XK/XKR (X150)	2006 - 2013	BCM - Rear	C/D			Body Control Module - Rear
XJ (X350)	2005 - 2009	BCM - Rear	C/D			Body Control Module - Rear
XJ (X351)	2010 - 2013	PBM	C/D		BS	Electronic Parking Brake
XJ (X350)	2006 - 2009	PBM	C/D		BS	Electronic Parking Brake
XK/XKR (X150)	2006 - 2009	PBM	C/D		BS	Electronic Parking Brake
XK/XKR (X150)	2010 - 2013	PBM	C/D		BS	Electronic Parking Brake
S-Type (X200)	2002 - 2005	EPB	C/D		BS	Electronic Parking Brake
S-Type (X200)	2004 - 2008	PBM	C/D		BS	Electronic Parking Brake
F-Type (X152)	2013 - 2013	PBM	C/D		BS,•	Electronic Parking Brake
XF/XFR (X250)	2009 - 2013	PBM	C/D		BS	Electronic Parking Brake
XJ (X350)	2003 - 2005	EPB	C/D		BS	Electronic Parking Brake
XF/XFR (X250)	2009 - 2013	GSM	C/D			Gear Shifter Module
F-Type (X152)	2013 - 2013	GSM	C/D			Gear Shifter Module
XJ (X351)	2010 - 2013	GSM	C/D			Gear Shifter Module
XK/XKR (X150)	2010 - 2013	GSM	C/D			Gear Shifter Module
X-Type (X400)	2005 - 2010	HVAC	C/D	•		Heating Ventilation and Air Conditioning
XJ (X351)	2010 - 2013	HVAC	C/D			Heating Ventilation and Air Conditioning
XJ (X350)	2005 - 2009	HVAC	C/D	•		Heating Ventilation and Air Conditioning
XK8/XKR (X100)	2005 - 2006	HVAC	C/D	•		Heating Ventilation and Air Conditioning
XK/XKR (X150)	2006 - 2013	HVAC	C/D			Heating Ventilation and Air Conditioning

## Other Continued

JAGUAR						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
F-Type (X152)	2013 - 2013	HVAC	C/D			Heating Ventilation and Air Conditioning
S-Type (X200)	2005 - 2008	HVAC	C/D	•		Heating Ventilation and Air Conditioning
XF/XFR (X250)	2009 - 2013	HVAC	C/D	•		Heating Ventilation and Air Conditioning
F-Type (X152)	2013 - 2013	PCM	C			Service Interval Reset
XJ (X351)	2010 - 2013	PCM	C			Service Interval Reset
XJ (X351)	2010 - 2013	TPMS	C/D		•	Tire Pressure Monitoring
F-Type (X152)	2013 - 2013	TPMS	C/D		•	Tire Pressure Monitoring
XJ (X350)	2003 - 2009	TPMS	C/D		•	Tire Pressure Monitoring
XF/XFR (X250)	2009 - 2013	Siemens VDO System_A5_1	C/D		•	Tire Pressure Monitoring
X-Type (X400)	2008 - 2010	TPMS	C/D		•	Tire Pressure Monitoring
XK/XKR (X150)	2006 - 2013	TPMS	C/D		•	Tire Pressure Monitoring System
XJ (X351)	2010 - 2013	Code Scan				Code Scan
X-Type (X400)	2005 - 2010	Code Scan				Code Scan
XJ (X350)	2005 - 2009	Code Scan				Code Scan
XK/XKR (X150)	2006 - 2013	Code Scan				Code Scan
S-Type (X200)	2005 - 2008	Code Scan				Code Scan
XF/XFR (X250)	2009 - 2013	Code Scan				Code Scan
XK8/XKR (X100)	2005 - 2006	Code Scan				Code Scan
XJ (X351)	2010 - 2013	Clear All Codes Read By Code Scan				Clear All Codes Read By Code Scan
X-Type (X400)	2005 - 2010	Clear All Codes Read By Code Scan				Clear All Codes Read By Code Scan
XJ (X350)	2005 - 2009	Clear All Codes Read By Code Scan				Clear All Codes Read By Code Scan
XK/XKR (X150)	2006 - 2013	Clear All Codes Read By Code Scan				Clear All Codes Read By Code Scan
S-Type (X200)	2005 - 2008	Clear All Codes Read By Code Scan				Clear All Codes Read By Code Scan
XF/XFR (X250)	2009 - 2013	Clear All Codes Read By Code Scan				Clear All Codes Read By Code Scan
XK8/XKR (X100)	2005 - 2006	Clear All Codes Read By Code Scan				Clear All Codes Read By Code Scan

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, F- Front Body Return, JA- Type Auto or Type Semi Auto, •- Other (see table on page 26) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

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 Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- EGR, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Retain, RA- Retard Adaptations, S- Steering Angle Sensor, E- Electronic Body Retain, A- Air-tyre/ur or Tyre Sensor, \*- Other (see table on page 26) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Engine Management Applications

KIA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Cadenza (VG)	2010 - 2013	G6DC	3.5L V6 24V DOHC	Engine_ECU	C/D	•	
Carens (F)	2002 - 2006	T8	1.8L L4 16V DOHC	Engine_ECU	C/D	•	
Carens (F)	2003 - 2006	D4EA	2.0L L4 16V T CRDI	Engine_ECU	C/D	•	
Carens (F)	2004 - 2006	A6	1.6L L4 16V DOHC	Engine_ECU	C/D	•	
Carens (F)	2005 - 2006	G4KA	2.0L L4 16V DOHC CVT	Engine_ECU	C/D	•	
Carens (RP)	2013 - 2013		1.6L L4 DOHC D-CVVT GDI	-	C/D	•	
Carens (RP)	2013 - 2013	D4FD	1.7L 4CYL 16V T CRDI	Engine_ECU	C/D	•	•,I,P
Carens (UN)	2007 - 2012	D4FB	1.6L L4 16V T CRDI U2	Engine_ECU	C/D	•	•,I,P
Carens (UN)	2007 - 2013	D4EA	2.0L L4 16V T CRDI	Engine_ECU	C/D	•	•,I,P
Carens (UN)	2007 - 2013	G4FC	1.6L L4 16V DOHC	Engine_ECU	C/D	•	
Carens (UN)	2007 - 2013	G4KA	2.0L L4 16V DOHC	Engine_ECU	C/D	•	
Carens (UN)	2013 - 2013	D4FB	1.6L L4 16V T CRDI-U2	Engine_ECU	C/D	•	•,I,P
Carnival (GQ)	2002 - 2002	KV6	2.4L V6 24V DOHC	Engine_ECU	C/D	•	
Carnival (GQ)	2002 - 2005	KV6	2.5L V6 24V DOHC	Engine_ECU	C/D	•	
Carnival (GQ)	2002 - 2006	J3	2.9L L4 16V CRDI	Engine_ECU	C/D	•	I
Carnival (GQ)	2003 - 2003		2.4L V6 24V DOHC	Engine_ECU	C/D	•	
Carnival (GQ)	2006 - 2006	K5	2.5L V6 24V DOHC	Engine_ECU	C/D	•	
Carnival (VQ)	2006 - 2013	D4HB	2.2L L4 16V T CRDI	Engine_ECU	C/D	•	•,I,P
Carnival (VQ)	2006 - 2013	G6EA	2.7L V6 24V DOHC	Engine_ECU	C/D	•	
Carnival (VQ)	2006 - 2013	J3	2.9L L4 16V DOHC VGT	Engine_ECU	C/D	•	I
Carnival (VQ)	2006 - 2013	J3	2.9L L4 16V DOHC WGT	Engine_ECU	C/D	•	I
Ceed (ED)	2009 - 2010	D4EA	2.0L L4 16V T CRDI	Engine_ECU	C/D	•	•,I,P
Ceed (ED)	2009 - 2010	D4FB	1.6D TCI-U2	Engine_ECU	C/D	•	•,I,P
Ceed (ED)	2009 - 2010	G4FA	1.4L L4 16V DOHC	Engine_ECU	C/D	•	RA
Ceed (ED)	2009 - 2010	G4FC	1.6L L4 16V DOHC	Engine_ECU	C/D	•	RA
Ceed (ED)	2009 - 2010	G4GC	2.0L L4 16V DOHC	Engine_ECU	C/D	•	
Ceed (ED) Facelift	2008 - 2009	D4EA	2.0L L4 16V T CRDI	Engine_ECU	C/D	•	•,I,P
Ceed (ED) Facelift	2008 - 2009	D4FB	1.6D TCI-U2	Engine_ECU	C/D	•	•,I,P
Ceed (ED) Facelift	2008 - 2009	G4FA	1.4L L4 16V DOHC	Engine_ECU	C/D	•	RA
Ceed (ED) Facelift	2008 - 2009	G4FC	1.6L L4 16V DOHC	Engine_ECU	C/D	•	RA
Ceed (ED) Facelift	2008 - 2009	G4GC	2.0L L4 16V DOHC	Engine_ECU	C/D	•	
Ceed(ED)	2006 - 2008	D4FB	1.6D TCI-U	Engine_ECU	C/D	•	•,I,P
Ceed(ED)	2006 - 2013	D4EA	2.0L L4 16V T CRDI	Engine_ECU	C/D	•	•,I,P
Ceed(ED)	2006 - 2013	G4FA	1.4L L4 16V DOHC	Engine_ECU	C/D	•	RA
Ceed(ED)	2006 - 2013	G4FC	1.6L L4 16V DOHC	Engine_ECU	C/D	•	RA
Ceed(ED)	2006 - 2013	G4GC	2.0L L4 16V DOHC	Engine_ECU	C/D	•	
Ceed(ED)	2011 - 2012	D4FB	1.6D TCI-U2	Engine_ECU	C/D	•	•,I,P
Ceed(ED)	2013 -	D4FB	1.6L L4 16V T CRDI	Engine_ECU	C/D	•	•,I,P
Ceed(JD)	2013 -		1.4L MPi	Engine_ECU	C/D	•	RA
Ceed(JD)	2013 -		1.4L TCI-U2 CRDI	Engine_ECU	C/D	•	I
Ceed(JD)	2013 -		1.6L L4 DOHC D-CVVT GDI	-	C/D	•	
Ceed(JD)	2013 -		1.6L L4 DOHC D-CVVT-T-GDI	-	C/D	•	
Ceed(JD)	2013 -		1.6L L4 MPi	Engine_ECU	C/D	•	RA
Ceed(JD)	2013 -		1.6L TCI-U2 CRDI	Engine_ECU	C/D	•	•,I,P
Cerato (LD)	2003 - 2006	G4ED	1.6L L4 16V DOHC	Engine_ECU	C/D	•	
Cerato (LD)	2004 - 2006	D4EA	2.0L L4 16V T CRDI	Engine_ECU	C/D	•	
Cerato (LD)	2004 - 2009	G4GC	2.0L L4 16V DOHC	Engine_ECU	C/D	•	
Cerato (LD)	2005 - 2006	D4FA	1.5L L4 16V T CRDI	Engine_ECU	C/D	•	
Cerato (LD)	2006 - 2009	D4FB	1.6L L4 16V T CRDI	Engine_ECU	C/D	•	I
Cerato (LD)	2007 - 2009	G4FC	1.6L L4 16V DOHC	Engine_ECU	C/D	•	
Magentis (MG)	2006 - 2010	D4EA	2.0L L4 16V T CRDI	Engine_ECU	C/D	•	•,I,P
Magentis (MG)	2006 - 2010	G4KA	2.0L L4 16V DOHC	Engine_ECU	C/D	•	
Magentis (MG)	2006 - 2010	G4KE	2.4L L4 16V DOHC	Engine_ECU	C/D	•	

KIA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Magentis (MG)	2006 - 2010	G6EA	2.7L V6 24V DOHC	Engine_ECU	C/D	•	
Magentis (MS)	2002 - 2006	G4JP	2.0L L4 16V DOHC	Engine_ECU	C/D	•	
Magentis (MS)	2002 - 2006	G4JS	2.4L L4 16V DOHC	Engine_ECU	C/D	•	
Magentis (MS)	2002 - 2006	G6BV	2.5L V6 24V DOHC	Engine_ECU	C/D	•	
Magentis (MS)	2002 - 2006	G6EA	2.7L V6 24V DOHC	Engine_ECU	C/D	•	
Opirus (GH)	2004 - 2006	G6CT	3.0L V6 24V DOHC	Engine_ECU	C/D	•	
Opirus (GH)	2004 - 2006	G6CU	3.5L V6 24V DOHC	Engine_ECU	C/D	•	
Opirus (GH)	2007 - 2010	G6DA	3.8L V6 24V DOHC	Engine_ECU	C/D	•	
Opirus (GH)	2007 - 2010	G6HA	2.7L V6 24V DOHC	Engine_ECU	C/D	•	
Opirus(GH)	2003 - 2003		3.5L V6 DOHC MPFI	-	D		
Optima (MG)	2007 - 2010	D4EA	2.0L L4 16V T CRDI	Engine_ECU	C/D	•	•,I,P
Optima (MG)	2007 - 2010	G4KD	2.0L L4 16V DOHC	Engine_ECU	C/D	•	
Optima (MG)	2007 - 2010	G4KE	2.4L L4 16V DOHC	Engine_ECU	C/D	•	
Optima (MG)	2007 - 2010	G6EA	2.7L V6 24V DOHC	Engine_ECU	C/D	•	
Optima (MS)	2002 - 2006	G4JP	2.0L L4 16V DOHC	Engine_ECU	C/D	•	
Optima (MS)	2002 - 2006	G4JS	2.4L L4 16V DOHC	Engine_ECU	C/D	•	
Optima (MS)	2002 - 2006	G6BV	2.5L V6 24V DOHC	Engine_ECU	C/D	•	
Optima (MS)	2002 - 2006	G6EA	2.7L V6 24V DOHC	Engine_ECU	C/D	•	
Optima (TF)	2011 - 2013	D4FD	1.7L 4CYL 16V T CRDI	Engine_ECU	C/D	•	•,I,P
Optima (TF)	2011 - 2013	G4KD	2.0L 4CYL 16V DOHC	Engine_ECU	C/D	•	
Optima (TF)	2011 - 2013	G4KD	2.4L 4CYL 16V DOHC	Engine_ECU	C/D	•	
Picanto (SA)	2003 - 2011	D3FA	1.1L L3 12V TCI	Engine_ECU	C/D	•	I
Picanto (SA)	2003 - 2011	G4HE	1.0L L4 12V SOHC	Engine_ECU	C/D	•	RA
Picanto (SA)	2003 - 2011	G4HG	1.1L L4 12V SOHC	Engine_ECU	C/D	•	RA
Picanto (TA)	2012 - 2013	G3LA	1.0L L3 12V DOHC	Engine_ECU	C/D	•	RA
Picanto (TA)	2012 - 2013	G4LA	1.2L L4 12V DOHC	Engine_ECU	C/D	•	RA
Rio (BC)	2002 - 2006	A3E	1.3L L4 8V SOHC	Engine_ECU	C/D	•	
Rio (BC)	2002 - 2006	A5D	1.5L L4 16V DOHC	Engine_ECU	C/D	•	
Rio (BC)	2003 - 2005	G4ED	1.6L L4 16V DOHC	Engine_ECU	C/D	•	
Rio (JB)	2005 - 2011	D4EA	1.5L L4 16V T CRDI	Engine_ECU	C/D	•	I
Rio (JB)	2005 - 2011	G4EE	1.6L L4 16V DOHC	Engine_ECU	C/D	•	
Rio (JB)	2005 - 2011	G4EE	1.4L L4 16V DOHC	Engine_ECU	C/D	•	
Rio (UB)	2012 - 2013	D3FF	1.1L L3 12V T CRDI	Engine_ECU	C/D	•	I
Rio (UB)	2012 - 2013	D4FC	1.4L 4CYL 16V T CRDI	Engine_ECU	C/D	•	I
Rio (UB)	2012 - 2013	G4FC	1.4L 4CYL 16V DOHC	Engine_ECU	C/D	•	RA
Rio (UB)	2012 - 2013	G4LA	1.2L 4CYL 16V DOHC	Engine_ECU	C/D	•	RA
Sedona (GQ)	2002 - 2002	KV6	2.4L V6 24V DOHC	Engine_ECU	C/D	•	
Sedona (GQ)	2002 - 2005	KV6	2.5L V6 24V DOHC	Engine_ECU	C/D	•	
Sedona (GQ)	2002 - 2006	J3	2.9L L4 16V CRDI	Engine_ECU	C/D	•	I
Sedona (GQ)	2003 - 2003		2.4L V6 24V DOHC	Engine_ECU	C/D	•	
Sedona (GQ)	2006 - 2006	K5	2.5L V6 24V DOHC	Engine_ECU	C/D	•	
Sedona (VQ)	2006 - 2013	D4HB	2.2L L4 16V T CRDI	Engine_ECU	C/D	•	•,I,P
Sedona (VQ)	2006 - 2013	G6EA	2.7L V6 24V DOHC	Engine_ECU	C/D	•	
Sedona (VQ)	2006 - 2013	J3	2.9L L4 16V DOHC VGT	Engine_ECU	C/D	•	I
Sedona (VQ)	2006 - 2013	J3	2.9L L4 16V DOHC WGT	Engine_ECU	C/D	•	I
Shuma (SD)	2002 - 2004	A6	1.6L L4 16V DOHC	Engine_ECU	C/D	•	
Shuma (SD)	2002 - 2004	T8	1.8L L4 16V DOHC	Engine_ECU	C/D	•	
Shuma (SD)	2003 - 2003	S6	1.6L L4 16V DOHC	Engine_ECU	C/D	•	
Sorento (BL)	2002 - 2005	G6JY	3.5L V6 24V DOHC	Engine_ECU	C/D	•	
Sorento (BL)	2002 - 2009	D4CB	2.5L L4 16V T CRDI WGT	Engine_ECU	C/D	•	
Sorento (BL)	2003 - 2006	G4NS	2.4L L4 16V DOHC	Engine_ECU	C/D	•	
Sorento (BL)	2006 - 2006	G6CU	3.5L V6 24V DOHC	Engine_ECU	C/D	•	
Sorento (BL)	2006 - 2009	4CB	2.5L L4 16V T CRDI VGT	Engine_ECU	C/D	•	I

## Engine Management Applications

KIA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Sorento (BL)	2007 - 2009	G6DA	3.8L V6 24V DOHC	Engine_ECU	C/D	•	
Sorento (BL)	2007 - 2009	G6DB	3.3L V6 24V DOHC	Engine_ECU	C/D	•	
Sorento (XM)	2008 - 2009	D4HA	2.0L L4 16V TD DOHC	Engine_ECU	C/D	•	•,I,P
Sorento (XM)	2008 - 2009	D4HB	2.2L L4 16V TD DOHC	Engine_ECU	C/D	•	•,I,P
Sorento (XM)	2008 - 2013	G4KE	2.4L L4 16V DOHC	Engine 1	C/D	•	
Sorento (XM)	2008 - 2013	G4KE	2.4L L4 16V DOHC	Engine 2	C/D	•	
Sorento (XM)	2008 - 2013	G6DC	3.5L V6 24V DOHC	Engine_ECU	C/D	•	
Sorento (XM)	2010 - 2013	D4HA	2.0L L4 16V T DOHC	Engine_ECU	C/D	•	•,I,P
Sorento (XM)	2010 - 2013	D4HB	2.2L L4 16V T DOHC	Engine_ECU	C/D	•	•,I,P
Soul (AM)	2009 - 2013	D4FB	1.6L L4 16V T CRDI	Engine_ECU	C/D	•	•,I,P
Soul (AM)	2009 - 2013	G4FC	1.6L L4 16V DOHC	Engine_ECU	C/D	•	RA
Soul (AM)	2013 - 2013		1.6L L4 DOHC D-CVVT GDI	-	C/D	•	
Spectra (SD)	2002 - 2004	A6	1.6L L4 16V DOHC	Engine_ECU	C/D	•	
Spectra (SD)	2002 - 2004	T8	1.8L L4 16V DOHC	Engine_ECU	C/D	•	
Spectra (SD)	2003 - 2003	S6	1.6L L4 16V DOHC	Engine_ECU	C/D	•	
Sportage (AL)	2002 - 2004	FE	2.0L L4 16V DOHC	Engine_ECU	C/D	•	
Sportage (KM)	2005 - 2010	D4EA	2.0L L4 16V T CRDI	Engine_ECU	C/D	•	
Sportage (KM)	2005 - 2010	G4GC	2.0L L4 16V DOHC	Engine_ECU	C/D	•	
Sportage (KM)	2005 - 2010	G6BA	2.7L V6 24V DOHC	Engine_ECU	C/D	•	
Sportage (SL/SLE)	2011 - 2013	D4FD	1.7L 4CYL 16V T CRDI	Engine_ECU	C/D	•	•,I,P
Sportage (SL/SLE)	2011 - 2013	D4HA	2.0L L4 16V T DOHC	Engine_ECU	C/D	•	•,I,P
Sportage (SL/SLE)	2011 - 2013	G4FD	1.6L L4 16V DOHC	Engine_ECU	C/D	•	RA
Sportage (SL/SLE)	2013 -		1.6L L4 DOHC D-CVVT GDI	-	C/D	•	
Venga (YN)	2010 - 2013	D4FB	1.6L L4 16V T CRDI	Engine_ECU	C/D	•	•,I,P
Venga (YN)	2010 - 2013	D4FC	1.4L L4 16V T CRDI	Engine_ECU	C/D	•	I
Venga (YN)	2010 - 2013	G4FA	1.4L L4 16V DOHC	Engine_ECU	C/D	•	RA
Venga (YN)	2010 - 2013	G4FC	1.6L L4 16V DOHC	Engine_ECU	C/D	•	RA

## Airbag

KIA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	
Cadenza (VG)	2010 - 2013	SRS		C		
Carens (F)	2002 - 2006	SRS		C		
Carens (RP)	2013 - 2013	SRS		C		
Carens (UN)	2007 - 2013	SRS		C		
Carnival (GQ)	2002 - 2006	SRS		C		
Carnival (VQ)	2006 - 2013	SRS		C		
Ceed (ED)	2009 - 2010	SRS		C		
Ceed (ED) Facelift	2008 - 2009	SRS		C		
Ceed(ED)	2006 - 2013	SRS		C		
Ceed(JD)	2013 -	SRS		C		
Cerato (LD)	2003 - 2009	SRS		C		
Magentis (MG)	2006 - 2010	SRS		C		
Magentis (MS)	2002 - 2006	SRS		C		
Opirus (GH)	2004 - 2010	SRS		C		
Opirus(GH)	2003 - 2003	-		D		
Optima (MG)	2007 - 2010	SRS		C		
Optima (MS)	2002 - 2006	SRS		C		
Optima (TF)	2011 - 2013	SRS		C		
Picanto (SA)	2003 - 2011	SRS		C		
Picanto (TA)	2012 - 2013	SRS		C		
Rio (BC)	2002 - 2006	SRS		C		
Rio (JB)	2005 - 2011	SRS		C		
Rio (UB)	2012 - 2013	SRS		C		
Sedona (GQ)	2002 - 2006	SRS		C		
Sedona (VQ)	2006 - 2013	SRS		C		
Shuma (SD)	2002 - 2004	SRS		C		
Sorento (BL)	2002 - 2009	SRS		C		
Sorento (XM)	2008 - 2013	SRS		C		
Soul (AM)	2009 - 2013	SRS		C		
Spectra (SD)	2002 - 2004	SRS		C		
Sportage (KM)	2005 - 2010	SRS		C		
Sportage (SL/SLE)	2011 - 2013	SRS		C		
Venga (YN)	2010 - 2013	SRS		C		

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Relearn, Jk- Jumper or Type Sens Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1.4, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



130 Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, JA- Jumper or Type Sens Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1.4, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## AntiLock Brakes

KIA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Cadenza (VG)	2010 - 2013	Anti_Lock_Brakes	C/D	•	
Carens (F)	2002 - 2002	ABS	C	•	
Carens (F)	2003 - 2006	Anti_Lock_Brakes	C/D	•	
Carens (RP)	2013 -	Anti_Lock_Brakes	C/D	•	
Carens (UN)	2007 - 2013	ESP 1	C/D	•	
Carens (UN)	2007 - 2013	ESP 2	C/D	•	
Carnival (GQ)	2002 - 2006	Anti_Lock_Brakes	C/D	•	
Carnival (VQ)	2006 - 2013	Anti_Lock_Brakes	C/D	•	
Ceed (ED)	2009 - 2010	Anti_Lock_Brakes	C/D	•	
Ceed (ED) Facelift	2008 - 2009	Anti_Lock_Brakes	C/D	•	
Ceed(ED)	2006 - 2013	Anti_Lock_Brakes	C/D	•	
Ceed(ID)	2013 -	Anti_Lock_Brakes	C/D	•	
Cerato (LD)	2003 - 2009	Anti_Lock_Brakes	C/D	•	
Magentis (MG)	2006 - 2010	Anti_Lock_Brakes	C/D	•	
Magentis (MS)	2002 - 2006	Anti_Lock_Brakes	C/D	•	
Opirus (GH)	2004 - 2010	Anti_Lock_Brakes	C/D	•	
Opirus(GH)	2003 - 2003	-	D		
Optima (MG)	2007 - 2010	Anti_Lock_Brakes	C/D	•	
Optima (MS)	2002 - 2006	Anti_Lock_Brakes	C/D	•	
Optima (TF)	2011 - 2013	Anti_Lock_Brakes	C/D	•	
Picanto (SA)	2003 - 2011	Anti_Lock_Brakes	C/D	•	
Picanto (TA)	2012 - 2013	Anti_Lock_Brakes	C/D	•	
Rio (BC)	2002 - 2002	ABS	C	•	
Rio (BC)	2003 - 2006	Anti_Lock_Brakes	C/D	•	
Rio (JB)	2005 - 2011	Anti_Lock_Brakes	C/D	•	
Rio (UB)	2012 - 2013	Anti_Lock_Brakes	C/D	•	
Sedona (GQ)	2002 - 2006	Anti_Lock_Brakes	C/D	•	
Sedona (VQ)	2006 - 2013	Anti_Lock_Brakes	C/D	•	
Shuma (SD)	2002 - 2004	Anti_Lock_Brakes	C/D	•	
Sorento (BL)	2006 - 2009	Anti_Lock_Brakes	C/D	•	
Sorento (XM)	2008 - 2013	ABS/ESP 1	C/D	•	
Sorento (XM)	2008 - 2013	ABS/ESP 2	C/D	•	
Soul (AM)	2009 - 2013	Anti_Lock_Brakes	C/D	•	
Spectra (SD)	2002 - 2003	Anti_Lock_Brakes	C/D	•	
Sportage (AL)	2002 - 2004	Anti_Lock_Brakes	C/D	•	
Sportage (KM)	2005 - 2010	Anti_Lock_Brakes	C/D	•	
Sportage (SL/SLE)	2011 - 2013	Anti_Lock_Brakes	C/D	•	
Venga (YN)	2010 - 2013	ABS/ESP 1	C/D	•	
Venga (YN)	2010 - 2013	ABS/ESP 2	C/D	•	

## Auto Transmission

KIA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Cadenza (VG)	2010 - 2013	Trans	C/D	•	
Carens (F)	2003 - 2006	Trans	C/D	•	
Carens (RP)	2013 - 2013	Trans	C/D	•	
Carens (UN)	2007 - 2013	Trans	C/D	•	
Carnival (GQ)	2002 - 2006	Trans	C/D	•	
Carnival (VQ)	2006 - 2013	Trans	C/D	•	
Ceed (ED)	2009 - 2010	Trans	C/D	•	
Ceed (ED) Facelift	2008 - 2009	Trans	C/D	•	
Ceed(ED)	2006 - 2013	Trans	C/D	•	
Ceed(ID)	2013 -	Trans	C/D	•	
Cerato (LD)	2003 - 2009	Trans	C/D	•	
Magentis (MG)	2006 - 2010	Trans	C/D	•	
Magentis (MS)	2002 - 2006	Trans	C/D	•	
Opirus (GH)	2004 - 2010	Trans	C/D	•	
Opirus(GH)	2003 - 2003	-	D		
Optima (MG)	2007 - 2010	Trans	C/D	•	
Optima (MS)	2002 - 2006	Trans	C/D	•	
Optima (TF)	2011 - 2013	Trans	C/D	•	
Picanto (SA)	2003 - 2011	Trans	C/D	•	
Picanto (TA)	2012 - 2013	Trans	C/D	•	
Rio (BC)	2002 - 2006	Trans	C/D	•	
Rio (JB)	2005 - 2011	Trans	C/D	•	
Rio (UB)	2012 - 2013	Trans	C/D	•	
Sedona (GQ)	2002 - 2006	Trans	C/D	•	
Sedona (VQ)	2006 - 2013	Trans	C/D	•	
Shuma (SD)	2002 - 2004	Trans	C/D	•	
Sorento (BL)	2002 - 2009	Trans	C/D	•	
Sorento (XM)	2008 - 2013	Trans	C/D	•	
Soul (AM)	2009 - 2013	Trans	C/D	•	
Spectra (SD)	2002 - 2004	Trans	C/D	•	
Sportage (AL)	2002 - 2004	Trans	C/D	•	
Sportage (KM)	2005 - 2010	Trans	C/D	•	
Sportage (SL/SLE)	2011 - 2013	Trans	C/D	•	
Venga (YN)	2010 - 2013	Trans	C/D	•	

## Other

KIA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Sportage (KM)	2005 - 2010	-	D			4WD Control
Carens (RP)	2013 -	-	C/D			Auto A/C
Sorento (XM)	2008 - 2013	-	C/D			Auto A/C
Sorento (XM)	2008 - 2013	-	C/D			Body Control Module
Sorento (BL)	2007 - 2009	-	D			Body Control Module
Rio (UB)	2012 - 2013	-	C/D			Body Control Module
Optima (TF)	2011 - 2013	-	C/D			Body Control Module
Ceed (ED)	2009 - 2010	-	D			Body Control Module
Ceed (ED) Facelift	2008 - 2009	-	D			Body Control Module
Ceed(ED)	2006 - 2013	-	D			Body Control Module
Ceed(ID)	2013 -	-	D			Body Control Module
Magentis (MG)	2006 - 2010	-	D			Body Control Module
Sportage (SL/SLE)	2011 - 2013	-	C/D			Body Control Module
Soul (AM)	2013 -	-	D			Body Control Module
Sportage (KM)	2005 - 2010	-	D			Body Control Module (if fitted)
Sportage (KM)	2005 - 2010	-				Clear All Codes Read By Code Scan
Sorento (XM)	2008 - 2013	-				Clear All Codes Read By Code Scan
Magentis (MS)	2002 - 2006	-				Clear All Codes Read By Code Scan
Opirus (GH)	2004 - 2010	-				Clear All Codes Read By Code Scan
Magentis (MG)	2006 - 2010	-				Clear All Codes Read By Code Scan
Carnival (VQ)	2006 - 2013	-				Clear All Codes Read By Code Scan
Carens (UN)	2007 - 2013	-				Clear All Codes Read By Code Scan
Cadenza (VG)	2010 - 2013	-				Clear All Codes Read By Code Scan
Carens (RP)	2013 -	-				Clear All Codes Read By Code Scan
Picanto (SA)	2003 - 2011	-				Clear All Codes Read By Code Scan
Optima (MG)	2007 - 2010	-				Clear All Codes Read By Code Scan
Optima (MS)	2002 - 2006	-				Clear All Codes Read By Code Scan
Sedona (VQ)	2006 - 2013	-				Clear All Codes Read By Code Scan
Picanto (TA)	2012 - 2013	-				Clear All Codes Read By Code Scan
Rio (JB)	2005 - 2011	-				Clear All Codes Read By Code Scan
Sorento (BL)	2007 - 2009	-				Clear All Codes Read By Code Scan
Optima (TF)	2013 -	-	D			Cluster Module
Carens (RP)	2013 -	-	D			Cluster Module
Carens (UN)	2007 - 2013	-				Code Scan
Carens (RP)	2013 -	-				Code Scan
Cadenza (VG)	2010 - 2013	-				Code Scan
Carnival (VQ)	2006 - 2013	-				Code Scan
Magentis (MG)	2006 - 2010	-				Code Scan
Opirus (GH)	2004 - 2010	-				Code Scan
Magentis (MS)	2002 - 2006	-				Code Scan
Picanto (SA)	2003 - 2011	-				Code Scan
Optima (MS)	2002 - 2006	-				Code Scan
Optima (MG)	2007 - 2010	-				Code Scan
Sorento (BL)	2007 - 2009	-				Code Scan
Rio (JB)	2005 - 2011	-				Code Scan
Picanto (TA)	2012 - 2013	-				Code Scan
Sedona (VQ)	2006 - 2013	-				Code Scan
Sorento (XM)	2008 - 2013	-				Code Scan
Sportage (KM)	2005 - 2010	-				Code Scan
Optima (TF)	2011 - 2013	EPB	C/D	•	BS	Electronic Parking Brake
Optima (TF)	2011 - 2013	EPS	C/D	•	S	Electronic Power Steering
Picanto (SA)	2003 - 2011	EPS	C/D	•		Electronic Power Steering
Opirus(GH)	2003 - 2003	-	D			Electronic Power Steering

## Other Continued

KIA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Sorento (BL)	2002 - 2009	EPS	C/D	•		Electronic Power Steering
Picanto (TA)	2012 - 2013	EPS	C/D	•		Electronic Power Steering
Ceed(ID)	2013 - 2013	EPS	C/D	•	S	Electronic Power Steering
Ceed(ED)	2006 - 2013	EPS	C/D	•	S	Electronic Power Steering
Ceed (ED) Facelift	2008 - 2009	EPS	C/D	•	S	Electronic Power Steering
Ceed (ED)	2009 - 2010	EPS	C/D	•	S	Electronic Power Steering
Carens (RP)	2013 - 2013	EPS	C/D	•	S	Electronic Power Steering
Rio (UB)	2012 - 2013	EPS	C/D	•	S	Electronic Power Steering
Soul (AM)	2009 - 2013	EPS	C/D	•	S	Electronic Power Steering
Sorento (XM)	2008 - 2013	-	C/D	•		Electronic Power Steering
Sportage (SL/SLE)	2011 - 2013	EPS	C/D	•	S	Electronic Power Steering
Venga (YN)	2010 - 2013	EPS	C/D	•	S	Electronic Power Steering
Sportage (SL/SLE)	2011 - 2013	-	D			Four Wheel Drive Control
Sorento (BL)	2007 - 2009	-	D			Four Wheel Drive Control
Sorento (XM)	2008 - 2013	-	D			Four Wheel Drive Control
Optima (TF)	2013 - 2013	-	D			Smart Junction Box
Sportage (SL/SLE)	2011 - 2013	-	D			Smart Junction Box
Sportage (SL/SLE)	2011 - 2013	-	C/D	•		Tire Pressure Monitor
Sorento (XM)	2008 - 2013	TPMS	C/D	•	•	Tire Pressure Monitoring
Venga (YN)	2010 - 2013	TPMS	C/D	•	•	Tire Pressure Monitoring
Optima (TF)	2011 - 2013	TPMS	C/D	•	•	Tire Pressure Monitoring
Ceed (ED)	2009 - 2010	TPMS	C/D	•	•	Tire Pressure Monitoring
Ceed (ED) Facelift	2008 - 2009	TPMS	C/D	•	•	Tire Pressure Monitoring
Ceed(ED)	2006 - 2013	TPMS	C/D	•	•	Tire Pressure Monitoring
Ceed(ID)	2013 -	TPMS	C/D	•	•	Tire Pressure Monitoring
Sorento (XM)	2008 - 2013	-	D			User Option Module
Rio (UB)	2012 - 2013	EPS				Wheel Alignment
Optima (TF)	2011 - 2013	EPS				Wheel Alignment
Ceed(ID)	2013 -	EPS				Wheel Alignment
Ceed(ED)	2006 - 2013	EPS				Wheel Alignment
Ceed (ED) Facelift	2008 - 2009	EPS				Wheel Alignment
Ceed (ED)	2009 - 2010	EPS				Wheel Alignment
Soul (AM)	2009 - 2013	EPS				Wheel Alignment
Venga (YN)	2010 - 2013	EPS				Wheel Alignment
Sportage (SL/SLE)	2011 - 2013	EPS				Wheel Alignment

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- EGR, F- Flammable, H- Injector Coding, O- Oil Reset for DPF, P- Particulate Filter, R- Relearn, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Relearn, JA- Jumper or Type Sens Auto, \* - Other (see table on page 26) Dark grey lines indicate new content at 1,4, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

132 Key (or Special) Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- EGR, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Relearn, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Relearn, Jk- Jumper or Type Sent Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

LANCIA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Delta	1995 - 1995	835.A1.046	1.6L CPI	MA1.7	C/D	•	
Delta	1995 - 1995	835.A1.046	1.6L CPI	MONO-JETRONIC 1	C/D		
Delta	1995 - 1995	835.A1.046	1.6L CPI	MONO-JETRONIC 2	C/D		
Delta	1995 - 1995	835.C1.000	1.6L CPI	MA1.7	C/D	•	
Delta	1995 - 1995	835.C1.000	1.6L CPI	MONO-JETRONIC 1	C/D		
Delta	1995 - 1995	835.C1.000	1.6L CPI	MONO-JETRONIC 2	C/D		
Delta	1995 - 1997	836.A5.000	1.8L MPI	IAW 18F KEYCODE	C/D	•	
Delta	1995 - 1997	836.A5.000	1.8L MPI	IAW 8F	C/D	•	
Delta	1995 - 1999	160.D1.000	1.9L TD	EGR BITRON 1xx	C/D		
Delta	1995 - 1999	160.D1.000	1.9L TD	EGR MCR 1xx	C/D		
Delta	1995 - 1999	835.A4.000	1.9L TD	EGR BITRON 1xx	C/D		
Delta	1995 - 1999	835.A4.000	1.9L TD	EGR MCR 1xx	C/D		
Delta	1995 - 2001	159.B9.000	1.6L MPI	AC DELCO	C/D	•	
Delta	1995 - 2001	159.B9.000	1.6L MPI	AC DELCO KEYCODE	C/D	•	
Delta	1996 - 1999	182.A2.000	1.8L 16V MPI	HITACHI MPI 115HP	C/D	•	
Delta	1996 - 1999	183.A1.000	1.8L 16V MPI	HITACHI MPI 130HP	C/D	•	
Delta	1996 - 2001	159.B9.000	1.6L MPI	IAW 49F (LAST TO CHECK!)	C/D	•	
Delta	1997 - 2001	182.A4.000	1.6L 16V MPI	IAW 49F	C/D	•	
Delta	1995 - 1995	831.E5.046	2.0L 16V Turbo	IAW 4Q/4W	C/D	•	
Delta	1995 - 1997	835.C2.000	1.8L MPI	IAW 18F KEYCODE	C/D	•	
Delta	1995 - 1997	835.C2.000	1.8L MPI	IAW 8F	C/D	•	
Delta	1995 - 1997	835.C4.000	1.8L MPI	IAW 18F KEYCODE	C/D	•	
Delta	1995 - 1997	835.C4.000	1.8L MPI	IAW 8F	C/D	•	
Delta	1995 - 1997	836.A5.000	1.8L MPI	IAW 18F KEYCODE	C/D	•	
Delta	1995 - 1997	836.A5.000	1.8L MPI	IAW 8F	C/D	•	
Delta	1995 - 1997	836.A6.000	1.8L MPI	IAW 18F KEYCODE	C/D	•	
Delta	1995 - 1997	836.A6.000	1.8L MPI	IAW 8F	C/D	•	
Delta	1995 - 1997	836.C4.000	1.8L MPI	IAW 18F KEYCODE	C/D	•	
Delta	1995 - 1997	836.C4.000	1.8L MPI	IAW 8F	C/D	•	
Delta	1995 - 1999	160.D1.000	1.9L TD	EGR BITRON 1xx	C/D	•	
Delta	1995 - 1999	160.D1.000	1.9L TD	EGR MCR 1xx	C/D	•	
Delta	1995 - 1999	835.A4.000	1.9L TD	NOTHING	C/D	•	
Delta	1995 - 1999	835.C1.000	1.6L CPI	MA1.7	C/D	•	
Delta	1995 - 1999	835.C1.000	1.6L CPI	MA1.7 KEYLOCK	C/D	•	
Delta	1995 - 2001	160.A1.046	1.4L CPI	MA1.7	C/D	•	
Delta	1995 - 2001	160.A1.046	1.4L CPI	MA1.7 KEYLOCK	C/D	•	
Delta	1995 - 2001	160.A1.046	1.4L CPI	MONO-JETRONIC 1	C/D		
Delta	1995 - 2001	160.A1.046	1.4L CPI	MONO-JETRONIC 2	C/D		
Delta	1995 - 2001	182.A4.000	1.6L 16V MPI	IAW 1AF	C/D	•	
Delta	1995 - 2001	182.A6.000	1.6L 16V MPI	IAW 1AF	C/D	•	
Delta	1995 - 2001	836.A4.000	1.4L CPI	MA1.7	C/D	•	
Delta	1995 - 2001	836.A4.000	1.4L CPI	MA1.7 KEYLOCK	C/D	•	
Delta	1995 - 2001	836.A4.000	1.4L CPI	MONO-JETRONIC 1	C/D		
Delta	1995 - 2001	836.A4.000	1.4L CPI	MONO-JETRONIC 2	C/D		
Delta	1996 - 1999	182.A2.000	1.8L 16V MPI	HITACHI MPI 115PK	C/D	•	
Delta	1996 - 1999	183.A1.000	1.8L 16V MPI	HITACHI MPI 130PK	C/D	•	
Delta	1997 - 2001	182.A4.000	1.6L 16V MPI	IAW 49F	C/D	•	
Delta	1997 - 2001	182.A6.000	1.6L 16V MPI	IAW 49F	C/D	•	
Delta	1998 - 1999	182.A2.000	1.8L 16V MPI	HITACHI KW2000 115PK	C/D	•	
Delta	1998 - 1999	183.A1.000	1.8L 16V MPI	HITACHI KW2000 130PK	C/D	•	
Delta '08	2008 - 2011		2.0L MJET TD = 198.A2.000	EDC16C39 CF5/EOBD	C/D		•,I,P
Delta '08	2008 - 2013		1.9 MJET 16V TWINTB	EDC16C39 CF5/EOBD	C/D		•,I,P
Delta '08	2008 - 2013	198.A1.000	1.4L 16V TJET MPI	ME7.9.10 CF5/EOBD	C/D	•	RA
Delta '08	2008 - 2013	198.A2.000	1.6L MJET TD	EDC16C39 CF5/EOBD	C/D		•,I,P
Delta '08	2009 - 2009	198.A4.000	1.4L 16V TJET MPI	ME7.9.10 CF5/EOBD	C/D	•	RA
Delta '08	2012 - 2013		2.0L MJET TD = 198.A8.000	EDC16C39 CF5/EOBD	C/D		•,I,P
Delta '08	2012 - 2013	198.A7.000	1.4L 16V TJET MPI	ME7.9.10 CF5/EOBD	C/D	•	RA

LANCIA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Delta '08	2013 - 2013	844.A3.000	1.6L MJET TD	EDC17C49 CF5/EOBD	C/D	•	•
Flavia	2012 - 2013		2.4L L4 MPI	PCM 23A4	C/D	•	
Flavia	2012 - 2013		2.4L L4 MPI	PCM 23A5	C/D		
Flavia	2012 - 2013		2.4L L4 MPI	PCM 23A6	C/D		
Flavia	2012 - 2013		3.6L V6 MPI	PCM 2391	C/D	•	
Kappa	1995 - 1998	834.A4.000	2.0L 16V Turbo	M2.7	C/D	•	
Kappa	1995 - 1998	834.A4.000	2.0L 16V Turbo	M2.7 KEYLOCK	C/D	•	
Kappa	1995 - 1998	838.A4.000	2.0L 16V Turbo	M2.7	C/D	•	
Kappa	1995 - 1998	838.A4.000	2.0L 16V Turbo	M2.7 KEYLOCK	C/D	•	
Kappa	1995 - 1999	838.A1.000	2.0L 20V MPI	M2.10.3 KEYLOCK	C/D	•	
Kappa	1995 - 1999	838.A3.000	2.4L TD	MSA11	C/D	•	
Kappa	1995 - 2001	838.A2.000	2.4L 20V MPI	M2.10.3 KEYLOCK	C/D	•	
Kappa	1995 - 2001	838.A2.000	2.4L 20V MPI	ME3.1	C/D	•	
Kappa	1995 - 2001	838.A2.000	2.4L 20V MPI	ME3.1 SLOW	C/D	•	
Kappa	1995 - 2001	838.A2.027	2.4L 20V MPI	M2.10.3 KEYLOCK	C/D	•	
Kappa	1995 - 2001	838.A2.027	2.4L 20V MPI	ME3.1	C/D	•	
Kappa	1995 - 2001	838.A2.027	2.4L 20V MPI	ME3.1 SLOW	C/D	•	
Kappa	1995 - 2001	838.B.000	3.0L 24V MPI	M3.7.1 KEYLOCK	C/D	•	
Kappa	1995 - 2001	838.B.000	3.0L 24V MPI	ME2.1	C/D	•	
Kappa	1995 - 2001	838.B2.000	2.4L 20V MPI	M2.10.3 KEYLOCK	C/D	•	
Kappa	1995 - 2001	838.B2.000	2.4L 20V MPI	ME3.1	C/D	•	
Kappa	1995 - 2001	838.B2.000	2.4L 20V MPI	ME3.1 SLOW	C/D	•	
Kappa	1996 - 1999	838.A7.000	2.4L TD	MSA11	C/D	•	
Kappa	1996 - 2001	175.A3.000	2.0L 20V Turbo	M2.10.4	C/D	•	
Kappa	1996 - 2001	838.A6.000	2.0L 20V MPI	M2.10.3 KEYLOCK	C/D	•	
Kappa	1996 - 2001	838.A6.000	2.0L 20V MPI	ME3.1	C/D	•	
Kappa	1996 - 2001	838.A6.000	2.0L 20V MPI	ME3.1 SLOW	C/D	•	
Kappa	1997 - 2001	838	3.0L 24V MPI	M3.7.1 KEYLOCK	C/D	•	
Kappa	1997 - 2001	838	3.0L 24V MPI	ME2.1	C/D	•	
Kappa	1998 - 2001	838.A8.000	2.4L TD	EDC15 CF2	C/D	•	
Lybra	1998 - 2001	182.A4.000	1.6L 16V MPI	IAW 49F	C/D	•	
Lybra	1998 - 2001	323.02	1.9L TD	EDC15 CF2	C/D	•	
Lybra	1998 - 2001	325.01	2.4L TD	EDC15 CF2	C/D	•	
Lybra	1998 - 2001	839.A5.000	2.4L TD	EDC15 CF2	C/D	•	
Lybra	1998 - 2008	182.B7.000	2.0L 20V MPI	ME3.1	C/D		
Lybra	1998 - 2008	182.B7.000	2.0L 20V MPI	ME3.1 EOBD 20V	C/D		
Lybra	1998 - 2008	839.A4.000	1.8L 16V MPI	HITACHI EOBD	C/D		
Lybra	1998 - 2008	839.A4.000	1.8L 16V MPI	HITACHI KW2000	C/D		
Lybra	1998 - 2008	839.A7.000	1.8L 16V MPI	HITACHI EOBD	C/D		
Lybra	1998 - 2008	839.A7.000	1.8L 16V MPI	HITACHI KW2000	C/D		
Lybra	1999 - 2008	185.A8.000	2.0L 20V MPI	ME3.1	C/D		
Lybra	1999 - 2008	185.A8.000	2.0L 20V MPI	ME3.1 EOBD 20V	C/D		
Lybra	2000 - 2008	182.B6.000	1.6L 16V MPI	IAW 4AF EOBD	C/D	•	RA
Lybra	2000 - 2008	182.B6.000	1.6L 16V MPI	IAW 4EF EOBD	C/D	•	RA
Lybra	2000 - 2008	182.B6.000	1.6L 16V MPI	IAW 59F EOBD	C/D	•	RA
Lybra	2000 - 2008	182.B6.000	1.6L 16V MPI	IAW 5AF EOBD	C/D	•	RA
Lybra	2000 - 2008	371.01	1.9L TD	EDC15 CF3	C/D	•	
Lybra	2000 - 2008	839.A6.000	2.4L TD	EDC15 CF3	C/D	•	
Lybra	2000 - 2008	839.A9.000	1.8L 16V MPI	HITACHI EOBD	C/D	•	
Lybra	2000 - 2008	841.C.000	2.4L TD	EDC15 CF3	C/D		
Lybra	2000 - 2008	841.C.000	2.4L TD	EDC16 CF3 FAST	C/D		
Lybra	2000 - 2008	841.C.000	2.4L TD	EDC16 CF3 SLOW	C/D		
Lybra	2000 - 2008	937.A2.000	1.9L TD	EDC15 CF3	C/D	•	
Lybra	2001 - 2008	192.A2.000	2.4L 20V MPI	ME3.1 EOBD 20V	C/D	•	
Musa	2004 - 2012	188.A9.000	1.3L 16V JTD	MM 6JF CF3 TEST	C/D	•	
Musa	2004 - 2012	188.B2.000	1.9L JTD	EDC16C9 CF3	C/D		
Musa	2004 - 2012	188.B2.000	1.9L JTD	EDC16C9 CF4	C/D		
Musa	2004 - 2012	843.A1.000	1.4L 16V MPI	ME7.3H4M EOBD	C/D	•	RA
Musa	2009 - 2012	350.B1.000	1.4L 8V MPI	IAW 5SF3	C/D	•	RA

# Engine Management Applications

LANCIA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Musa	2009 - 2012	350.B1.000	1.4L 8V MPI	IAW 55F8 CF4 EOBD	C/D	•	RA
Musa	2009 - 2012	350.B1.000	1.4L 8V MPI	IAW 55F9 CF4 EOBD	C/D	•	RA
Musa	2009 - 2012	350.B1.000	1.4L 8V MPI	IAW 55F9 CF5 EOBD	C/D	•	RA
Musa	2010 - 2012	199.B1.000	1.3L 16V JTD	Marelli 8F3	C/D	•	
Phedra	2002 - 2004	179*XA**	2.0L 16V MPI	MM48P2 PSA	C/D	•	
Phedra	2002 - 2004	179*XA**	2.0L 16V MPI	MM4MP2 PSA	C/D	•	
Phedra	2002 - 2004	179*XA**	2.0L 16V MPI	MM6LP PSA	C/D	•	
Phedra	2002 - 2004	179*XD**	3.0L 24V MPI	ME7.4.6 PSA	C/D	•	
Phedra	2002 - 2006	179*XB**	2.0L 16V JTD	EDC15 PSA	C/D	•	
Phedra	2002 - 2006	179*XC**	2.2L 16V JTD	EDC15 PSA	C/D	•	
Phedra	2003 - 2006	179*XE**	2.0L 16V JTD	EDC15 PSA	C/D	•	
Phedra	2006 - 2006	4HW	2.2L 16V JTD	EDC15 PSA	C/D	•	
Phedra	2006 - 2006	RHR	2.0L 16V JTD	EDC15 PSA	C/D	•	
Phedra Restyle	2005 - 2010	4HW	2.2L 16V JTD	EDC15 PSA	C/D	•	
Phedra Restyle	2005 - 2010	RHK	2.0L 16V JTD	EDC15 PSA	C/D	•	
Thema	2012 - 2013		3.6L V6 MPI	PCM 23A4	C/D	•	
Thema	2012 - 2013		3.6L V6 MPI	PCM 23A5	C/D	•	
Thema	2012 - 2013		3.6L V6 MPI	PCM 23A6	C/D	•	
Thesis	2002 - 2008	841.A.000	3.0L 24V MPI	ME3.1 EOBD 24V	C/D	•	
Thesis	2002 - 2008	841.C.000	2.4L TD	EDC15 CF3	C/D	•	
Thesis	2002 - 2008	841.C.000	2.4L TD	EDC16 CF3 FAST	C/D	•	
Thesis	2002 - 2008	841.C.000	2.4L TD	EDC16 CF3 SLOW	C/D	•	
Thesis	2002 - 2008	841.D.000	2.4L 20V MPI	ME3.1 EOBD 20V	C/D	•	
Thesis	2002 - 2008	841.E.000	2.0L 20V MPI Turbo	ME7.3.1 EOBD	C/D	•	RA
Thesis	2003 - 2008	841.G.000	2.4L 20V TD	EDC16 CF3 FAST	C/D	•	
Thesis	2003 - 2008	841.H.000	2.4L 20V TD	EDC16 CF3 FAST	C/D	•	
Thesis	2003 - 2008	841.L.000	3.2L 24V MPI	ME7.3.1	C/D	•	RA
Thesis	2003 - 2008	841.M.000	2.4L 20V TD	EDC16 CF3 FAST	C/D	•	
Thesis	2003 - 2008	841.N.000	2.4L 20V TD	EDC16 CF3 FAST	C/D	•	
Voyager	2012 - 2013		2.8L T-Diesel	PCM 1605	C/D	•	
Voyager	2012 - 2013		3.6L V6 MPI	PCM 2391	C/D	•	
Y10	1995 - 1996	146.A5.046	1.3L L3.2-Jetronic	L3.x-JETRONIC	C/D	•	
Y10	1995 - 1996	156.A2.246	1.0L CPI	MA1.7	C/D	•	
Y10	1995 - 1996	156.A2.246	1.0L CPI	MONO-JETRONIC 1	C/D	•	
Y10	1995 - 1996	156.A2.246	1.0L CPI	MONO-JETRONIC 2	C/D	•	
Y10	1995 - 1996	156.C.046	1.1L CPI	MA1.7	C/D	•	
Y10	1995 - 1996	156.C.046	1.1L CPI	MONO-JETRONIC 1	C/D	•	
Y10	1995 - 1996	156.C.046	1.1L CPI	MONO-JETRONIC 2	C/D	•	
Y10	1995 - 1996	176.B2.000	1.1L CPI	MA1.7	C/D	•	
Ypsilon	2012 - 2013	169.A4.000	1.2L MPI	IAW 55F9A1	C/D	•	
Ypsilon	2012 - 2013	199.B1.000	1.3L JTD	Marelli 8F3	C/D	•	
Ypsilon	2012 - 2013	312.A2.000	0.9L Turbo Twin Air	IAW 8GSFH5	C/D	•	
Ypsilon (840)	1996 - 2001	176.B2.000	1.1L CPI	IAW 16F	C/D	•	
Ypsilon (840)	1996 - 2001	176.B2.000	1.1L CPI	IAW 16F KEYLOCK	C/D	•	
Ypsilon (840)	1996 - 2001	176.B9.000	1.2L 16V MPI	IAW 18FD KEYCODE	C/D	•	
Ypsilon (840)	1996 - 2001	840.A2.000	1.4L 12V CPI	MA1.7.3	C/D	•	
Ypsilon (840)	1996 - 2001	840.A3.000	1.2L CPI	IAW 16F	C/D	•	
Ypsilon (840)	1996 - 2001	840.A3.000	1.2L CPI	IAW 16F KEYLOCK	C/D	•	
Ypsilon (840)	1996 - 2001	840.A4.000	1.4L 12V CPI	MA1.7.3	C/D	•	
Ypsilon (840)	2000 - 2006	188.A4.000	1.2L MPI	IAW 4AF EOBD	C/D	•	RA
Ypsilon (840)	2000 - 2006	188.A4.000	1.2L MPI	IAW 4EF EOBD	C/D	•	RA
Ypsilon (840)	2000 - 2006	188.A4.000	1.2L MPI	IAW 59F EOBD	C/D	•	RA
Ypsilon (840)	2000 - 2006	188.A4.000	1.2L MPI	IAW 5AF EOBD	C/D	•	RA
Ypsilon (840)	2000 - 2006	188.A5.000	1.2L 16V MPI	ME7.3 EOBD	C/D	•	RA
Ypsilon (840)	2000 - 2006	188.A5.000	1.2L 16V MPI	ME7.3 EOBD SLOW	C/D	•	RA
Ypsilon (843)	2003 - 2007	188.A4.000	1.2L MPI	IAW 4AF EOBD	C/D	•	RA
Ypsilon (843)	2003 - 2007	188.A4.000	1.2L MPI	IAW 4EF EOBD	C/D	•	RA
Ypsilon (843)	2003 - 2007	188.A4.000	1.2L MPI	IAW 59F EOBD	C/D	•	RA

LANCIA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Ypsilon (843)	2003 - 2007	188.A4.000	1.2L MPI	IAW 5AF EOBD	C/D	•	RA
Ypsilon (843)	2003 - 2007	188.A5.000	1.2L 16V MPI	ME7.3H4M EOBD	C/D	•	RA
Ypsilon (843)	2003 - 2007	188.A9.000	1.3L 16V JTD	MM 6JF CF3 TEST	C/D	•	
Ypsilon (843)	2003 - 2007	843.A1.000	1.4L 16V MPI	ME7.3H4M EOBD	C/D	•	RA
Ypsilon (843)	2006 - 2007	188.A9.000	1.3L 16V JTD	MM 6F3 EOBD	C/D	•	
Ypsilon '06	2006 - 2013	188.A4.000	1.2L MPI	IAW 4AF EOBD	C/D	•	RA
Ypsilon '06	2006 - 2013	188.A4.000	1.2L MPI	IAW 4EF EOBD	C/D	•	RA
Ypsilon '06	2006 - 2013	188.A4.000	1.2L MPI	IAW 59F EOBD	C/D	•	RA
Ypsilon '06	2006 - 2013	188.A4.000	1.2L MPI	IAW 5AF EOBD	C/D	•	RA
Ypsilon '06	2006 - 2013	188.A5.000	1.2L 16V MPI	ME7.3H4M EOBD	C/D	•	RA
Ypsilon '06	2006 - 2013	188.A9.000	1.3L 16V JTD	MM 6F3 EOBD	C/D	•	
Ypsilon '06	2006 - 2013	188.A9.000	1.3L 16V JTD	MM 6JF CF3 TEST	C/D	•	
Ypsilon '06	2006 - 2013	843.A1.000	1.4L 16V MPI	ME7.3H4M EOBD	C/D	•	RA
Zeta	1995 - 2000	220*D5	2.0L Turbo	MP3.2 PSA	C/D	•	
Zeta	1996 - 2000	220AJ5	2.1L TD	LUCAS EPIC J5	C/D	•	
Zeta	1998 - 2001	220AL5	2.0L 16V MPI	MP7.3	C/D	•	
Zeta	1998 - 2001	220AV5	2.0L 16V MPI	MP7.3	C/D	•	
Zeta	1999 - 2001	220AN5	2.0L JTD	EDC15 PSA	C/D	•	
Zeta	2000 - 2002	220*R5**	2.0L 16V JTD	EDC15 PSA	C/D	•	
Zeta	2000 - 2002	220AQ*	2.0L 16V MPI	MM4.8P	C/D	•	

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, H- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Inertia Body Return, Jk- Jumper or Jumper Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1/4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



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 Key: (on Special Functions) BS: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RS: Reset Adaptation's, S: Steering Angle Sensor, E: Electronic Body Return, J: Jumper or Type Sens Auto, \* : Other (see table on page 26) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Airbag

LANCIA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Delta '08	2008 - 2013	SIEMENS AIRBAG 1 (PROXI)	C/D	•	
Flavia	2012 - 2013	ORC 0305	C/D		
Kappa	1995 - 2001	TRW MY 97 3-PIN	C/D		
Kappa	1995 - 2001	TRW2 WITH PRETENSIONERS	C/D		
Lybra	1998 - 2008	ALLIED MY 97 16-PIN	C/D		
Lybra	1998 - 2008	SIEMENS MY 99 16-PIN	C/D	•	
Musa	2004 - 2012	TRW MY 03	C/D		•
Phedra	2002 - 2006	TEMIC (THROUGH CENTRAL)	C/D		
Phedra	2006 - 2006	SAC_TEMIC	C/D		
Phedra Restyle	2005 - 2010	SAC_TEMIC	C/D		
Thema	2012 - 2013	ORC 4005	C/D		
Thesis	2002 - 2008	TRW MY 99 16-PIN	C/D		
Voyager	2012 - 2013	ORC 0501	C/D	•	
Ypsilon	2012 - 2013	ORC	C/D		
Ypsilon (840)	1996 - 1999	ALLIED SIGNAL	C/D	•	
Ypsilon (840)	1996 - 2006	ALLIED MY 97 3-PIN	C/D		
Ypsilon (840)	2000 - 2006	ALLIED MY 97 16-PIN	C/D		
Ypsilon (840)	2000 - 2006	SIEMENS MY 99 16-PIN	C/D	•	
Ypsilon (843)	2003 - 2007	AUTOLIV MY 99	C/D		
Ypsilon (843)	2003 - 2007	AUTOLIV MY 99 (A)	C/D		
Ypsilon '06	2006 - 2013	AUTOLIV 1 (PROXI)	C/D	•	
Zeta	1995 - 2002	AUTOLIV	C/D		
Zeta	1998 - 2002	AUTOLIV ACU FAST	C/D		

## Antilock Brakes Continued

LANCIA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Thesis	2002 - 2008	LUCAS ESP 16-PIN	C/D	•	•,S
Thesis	2002 - 2008	LUCAS TRW	C/D		
Voyager	2012 - 2013	ABS 1001	C/D	•	
Ypsilon	2012 - 2013	ABS_1	C/D	•	
Ypsilon	2012 - 2013	ABS_2	C/D	•	
Ypsilon (840)	1996 - 1999	ABS BOSCH 5.3	C/D		
Ypsilon (840)	2000 - 2006	ABS BOSCH 5.3 16-PIN	C/D		
Ypsilon (840)	2000 - 2006	ABS BOSCH 5.3 3-PIN	C/D		
Ypsilon (843)	2003 - 2007	LUCAS ESP	C/D	•	•,S
Ypsilon (843)	2003 - 2007	LUCAS TRW	C/D		
Ypsilon '06	2006 - 2013	LUCAS ESP	C/D	•	•,S
Ypsilon '06	2006 - 2013	LUCAS TRW	C/D		
Zeta	1995 - 1997	ABS BENDIX	C/D		
Zeta	1996 - 2002	ABS 5.3 PSA	C/D		

## Instrument Panel

LANCIA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Delta '08	2008 - 2013	Marelli Instrument Panel 3	C/D	•	•
Flavia	2012 - 2013	CCN 0412	C/D	•	
Flavia	2012 - 2013	CCN 0610	C/D	•	
Musa	2004 - 2012	Marelli Comfort	C/D	•	•
Thema	2012 - 2013	IPC 4002	C/D	•	
Voyager	2012 - 2013	CCN 0412	C/D	•	
Voyager	2012 - 2013	CCN 0610	C/D	•	

## Auto Transmission

LANCIA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Flavia	2012 - 2013	TCM 23A4	C/D		
Flavia	2012 - 2013	TCM 23A5	C/D	•	
Flavia	2012 - 2013	TCM 23A6	C/D		
Flavia	2012 - 2013	TCM 25C0	C/D	•	
Kappa	1995 - 2001	AISIN (ISO-81)	C/D		
Lybra	1998 - 2008	AISIN TIP-SYSTEM FAST	C/D	•	
Lybra	1998 - 2008	AISIN TIP-SYSTEM SLOW	C/D	•	
Musa	2004 - 2012	SELESPEED CFC208F(1)	C/D	•	
Musa	2004 - 2012	SELESPEED CFC228F	C/D	•	•,R
Phedra	2002 - 2006	AL4 TA2000 V FAST	C/D		
Phedra	2002 - 2006	AL4 TA2000 V SLOW	C/D		
Phedra	2002 - 2006	AL4 TA2000 V2 FAST	C/D		
Phedra	2002 - 2006	AL4 TA2000 V2 SLOW	C/D		
Phedra	2002 - 2006	ZF 4HP20 KW2000 PSA FAST	C/D	•	
Phedra	2002 - 2006	ZF 4HP20 KW2000 PSA SLOW	C/D	•	
Phedra	2006 - 2006	AL4 TA2000 V PSA	C/D	•	
Phedra Restyle	2005 - 2010	AL4 TA2000 V PSA	C/D	•	
Thema	2012 - 2013	TCM 4006	C/D	•	
Thesis	2002 - 2008	AISIN YLII 5 FAST	C/D	•	
Thesis	2002 - 2008	AISIN YLII 5 SLOW	C/D	•	
Voyager	2012 - 2013	TCM 23A4	C/D		
Voyager	2012 - 2013	TCM 23A5	C/D	•	
Voyager	2012 - 2013	TCM 23A6	C/D		
Ypsilon	2012 - 2013	Marelli Selespeed CFC328	C/D	•	
Ypsilon (843)	2003 - 2007	SELESPEED CFC208F(1)	C/D	•	•,R
Ypsilon (843)	2003 - 2007	SELESPEED CFC228F	C/D	•	•,R
Ypsilon '06	2006 - 2013	SELESPEED CFC208F(1)	C/D	•	
Ypsilon '06	2006 - 2013	SELESPEED CFC228F	C/D	•	•,R
Zeta	2000 - 2002	AL4 TA2000	C/D		

## Other

LANCIA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Delta '08	2008 - 2013	Denso 3 Climate Control (Two-zone)	C/D	•		Airco
Phedra Restyle	2005 - 2010	PSA Denso Climate Control(CAN)	C/D	•		Airco
Thesis	2002 - 2008	Borlett/Hella Climate Control	C/D	•		Airco
Phedra	2002 - 2006	DIESEL ADDITIVE THROUGH CENTRAL	C/D			BLM CUTOFF
Dedra	1995 - 1999	BLM CUTOFF ECU	C/D			BLM CUTOFF
Delta '08	1995 - 1999	BLM CUTOFF ECU	C/D			BLM CUTOFF
Delta '08	2008 - 2013	Marelli Body Computer 8	C/D	•	•	Body Computer
Musa	2004 - 2012	Marelli Body Computer 1	C/D	•	•	Body Computer
Thema	2012 - 2013	BCM 400B	C/D	•		Body Computer
Thema	2012 - 2013	BCM 400C	C/D			Body Computer
Thema	2012 - 2013	CGW 0217	C/D	•		Body Computer
Thema	2012 - 2013	CGW 0855	C/D	•		Body Computer
Ypsilon '06	2006 - 2013	Marelli 7 Body Computer	C/D	•	•	Body Computer
Voyager	2012 - 2013	CGW 0217	C/D	•		Central Gateway (CGW)
Voyager	2012 - 2013	CGW 0855	C/D	•		Central Gateway (CGW)
Flavia	2012 - 2013	CGW 0217	C/D	•		Central Gateway (CGW)
Flavia	2012 - 2013	CGW 0855	C/D	•		Central Gateway (CGW)
Flavia	2012 - 2013	-				Clear All Codes Read By Code Scan
Thema	2012 - 2013	-				Clear All Codes Read By Code Scan
Voyager	2012 - 2013	-				Clear All Codes Read By Code Scan
Voyager	2012 - 2013	-				Code Scan
Thema	2012 - 2013	-				Code Scan
Flavia	2012 - 2013	-				Code Scan
Thesis	2002 - 2008	Hella Discharge Headlamp	C/D		•	Discharge Headlamps
Voyager	2012 - 2013	DMFL 0807	C/D	•		Door Module Front Left (DMFL)
Voyager	2012 - 2013	DMFR 0807	C/D	•		Door Module Front Right (DMFR)
Thesis	2002 - 2008	Lucas Parking Brake	C/D	•	BS	Electric Park Brake
Delta '08	2008 - 2013	TRW 3 Power Steering	C/D		•,S	Electric Power Steering
Musa	2004 - 2012	TRW 1 Power Steering	C/D		RA	Electric Power Steering

## Antilock Brakes

LANCIA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Dedra	1995 - 1999	ABS BOSCH 2E	C/D		
Dedra	1995 - 1999	ABS BOSCH 2SI 4X4	C/D		
Dedra	1995 - 1999	ABS BOSCH 5.3	C/D		
Delta	1995 - 1999	ABS BOSCH 2E	C/D		
Delta	1995 - 1999	ABS BOSCH 2SI 4X4	C/D		
Delta	1995 - 1999	ABS BOSCH 5.3	C/D		
Delta '08	2008 - 2013	LUCAS ESP	C/D	•	•,S
Delta '08	2008 - 2013	LUCAS TRW	C/D	•	
Flavia	2012 - 2013	ABS 0801	C/D	•	
Kappa	1995 - 2001	ABS BOSCH 5	C/D		
Kappa	1995 - 2001	ABS BOSCH 5.3	C/D		
Lybra	1998 - 2008	ABS BOSCH 5.3	C/D		
Lybra	1998 - 2008	ABS BOSCH 5.3 ASR	C/D		
Lybra	1998 - 2008	LUCAS ESP	C/D	•	•,S
Lybra	1998 - 2008	LUCAS TRW	C/D		
Musa	2004 - 2012	ABS BOSCH 8	C/D		
Musa	2004 - 2012	ABS BOSCH 8 VDC	C/D	•	•,S
Phedra	2002 - 2006	ABS 5.7 ESP PSA	C/D	•	
Phedra	2002 - 2006	ABS 5.7 PSA	C/D		
Phedra	2006 - 2006	ESP8_BOSCH	C/D		
Phedra Restyle	2005 - 2010	ESP8_BOSCH	C/D		
Thema	2012 - 2013	ABS 4005	C/D	•	
Thema	2012 - 2013	ABS 4006	C/D		

## Other Continued

LANCIA		Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Model							
Musa	2004 - 2012	TRW 3 Power Steering	C/D		•, S	Electric Power Steering	
Musa	2004 - 2012	Valeo Parking Control Unit	C/D		CF	Parking Assist	
Thesis	2002 - 2008	Valeo Parking Control Unit	C/D		CF	Parking Assist	
Ypsilon	2012 - 2013	IPC				Reset Odometer	
Delta '08	2012 - 2013	IPC				Reset Odometer	
Musa	2004 - 2012	SIR				Service Interval Reset	
Delta '08	2008 - 2013	SIR				Service Interval Reset	
Ypsilon	2012 - 2013	SIR				Service Interval Reset	
Ypsilon (843)	2003 - 2007	SIR				Service Interval Reset	
Ypsilon '06	2006 - 2013	SIR				Service Interval Reset	
Phedra Restyle	2005 - 2010	SIR				Service Interval Reset	
Phedra Restyle	2005 - 2010	Siemens Tire Pressure Control	C/D		•	Tire Pressure Monitoring	
Musa	2009 - 2012	BCM				Transport Mode	
Delta '08	2012 - 2013	BCM				Transport Mode	
Ypsilon '06	2012 - 2013	BCM				Transport Mode	
Ypsilon	2012 - 2013	BCM				Transport Mode	
Delta '08	2008 - 2013	Tire Pressure Control TRW 2	C/D	•	•	Tyre Pressure Monitoring	
Musa	2004 - 2012	SCHRADER Tire Pressure Check	C/D		•	Tyre Pressure Monitoring	
Lybra	2005 - 2008	LUCAS ESP				Wheel Alignment	
Musa	2005 - 2012	BOSCH 8 VDC ABS				Wheel Alignment	
Musa	2005 - 2012	TRW 1 Power Steering				Wheel Alignment	
Musa	2005 - 2012	TRW 3 Power Steering				Wheel Alignment	
Delta '08	2008 - 2013	TRW 3 Power Steering				Wheel Alignment	
Delta '08	2008 - 2013	LUCAS ESP				Wheel Alignment	
Ypsilon '06	2006 - 2013	LUCAS ESP				Wheel Alignment	
Thesis	2005 - 2008	LUCAS ESP				Wheel Alignment	
Lybra	1998 - 2008	XENON BOSCH LEFT	C/D	•		Xenon Left	
Phedra	2002 - 2006	XENON VALEO LEFT PSA	C/D			Xenon Left	
Phedra	2002 - 2006	XENON VALEO RIGHT PSA	C/D			Xenon Right	
Lybra	1998 - 2008	XENON BOSCH RIGHT	C/D			Xenon Right	

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Relearn, RA: Reset Adaptations, S: Steering Angle Sensor, I: Inertia Body Relearn, JA: Jumper or Type Semi Auto, \*: Other (see table on page 263) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

LAND ROVER							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Defender	1999 - 2000	10P	2.5L Diesel TD5	Td 5	C/D	•	•,I,
Defender	2000 - 2006	15P	2.5L Diesel TD5	Td 5	C/D	•	•,I,
Defender	2007 - 2009	244DT	2.4L Diesel	Duratorq-TDCi (Puma) Diesel	C/D		•,I,
Defender	2010 - 2011	244DT	2.4L Diesel EU2	Duratorq-TDCi (Puma) Diesel	C/D		•,I,
Defender	2010 - 2011	244DT	2.4L Diesel EU4	Duratorq-TDCi (Puma) Diesel	C/D		•,I,
Defender	2010 - 2011	244DT	2.4L Diesel Military EU2	Duratorq-TDCi (Puma) Diesel	C/D		•,I,
Defender	2010 - 2011	244DT	2.4L Diesel Military EU4	Duratorq-TDCi (Puma) Diesel	C/D		•,I,
Defender	2012 - 2013	DT244	2.2L Diesel EU 5	Duratorq-TDCi (Puma) Diesel	C/D		•,O,
Discovery	1991 - 1993	22D	3.5L MPI	MPI PCM	C/D		
Discovery	1993 - 1994	35D	3.9L MPI	MPI PCM	C/D		•, RA, BB, S, I, O, P, E, BS, C,
Discovery	1994 - 1997	37D	3.9L MPI	MPI PCM	C/D		
Discovery	1995 - 1998	300 TDI	2.5L Diesel	DDE 2.1 AM	C/D		
Discovery	1995 - 1998	ES	2.5L Diesel	DDE 2.1 AM	C/D		
Discovery	1995 - 1999	20T4	2.0L MPI	MEMS 1.6	C/D	•	
Discovery	1997 - 1998	38D	3.9L MPI	MPI PCM	C/D		
Discovery 2	1998 - 2000	10P	2.5L Diesel TD5	Td 5	C/D	•	•,I,
Discovery 2	1998 - 2005	36D	4.0L MPI	MOTRONIC 5.2.1	C/D	•	
Discovery 2	2001 - 2005	15P	2.5L Diesel TD5	Td 5	C/D	•	•,I,
Discovery 3	2005 - 2009	276DT	2.7L TDV6	SIEMENS PCM	C/D	•	•,O,P,
Discovery 3	2006 - 2009	406PN	4.0L V6 MPI	Siemens PAG EMS Generation 1	C/D	•	RA,
Discovery 3	2006 - 2009	448PN	4.4L V8 MPI	Denso PAG EMS Generation 1	C/D	•	RA,
Discovery 4	2010 - 2013	276DT	2.7L TDV6	SIEMENS PCM	C/D	•	
Discovery 4	2010 - 2013	276DT	2.7L TDV6 with DPF	SIEMENS PCM	C/D	•	•,O,P,
Discovery 4	2010 - 2013	306DT	3.0L TDV6	SIEMENS PCM	C/D	•	•,E,O,
Discovery 4	2010 - 2013	306DT	3.0L TDV6 with DPF	SIEMENS PCM	C/D	•	•,E,O,P,
Discovery 4	2010 - 2013	406PN	4.0L V6 MPI	Siemens PAG EMS Generation 1	C/D	•	RA,
Discovery 4	2010 - 2013	508PN	5.0L V8 MPI	DENSO	C/D	•	RA,
Discovery 4	2012 - 2012	306DT	3.0L TDV6 High	SIEMENS PCM	C/D	•	•,E,O,
Discovery 4	2012 - 2012	306DT	3.0L TDV6 High with DPF	SIEMENS PCM	C/D	•	•,E,O,P,
Discovery 4	2012 - 2013	306DT	3.0L TDV6 Low	SIEMENS PCM	C/D	•	•,E,O,
Discovery 4	2012 - 2013	306DT	3.0L TDV6 Low with DPF	SIEMENS PCM	C/D	•	•,E,O,P,
Discovery 4	2013 - 2013	306PS	3.0L V6 MPI Supercharged	DENSO	C/D	•	RA,
Freelander	1997 - 2000	18K4FK	1.8L MPI	MEMS 1.9	C/D	•	
Freelander	1997 - 2000	20T2N	2.0L Diesel	DDE 2.1 AM	C/D		
Freelander	2001 - 2005	18K4	1.8L MPI	MEMS3J	C/D	•	
Freelander	2001 - 2005	25K4	2.5L MPI	EMS2000	C/D	•	
Freelander	2001 - 2006	M47R	2.0L TD4	DDE4.0	C/D	•	
Freelander 2	2007 - 2009	224DT	2.2L Diesel	TD4 PCM	C/D		•,E,I,O,P,
Freelander 2	2007 - 2009	224DT	2.2L Diesel with DPF	TD4 PCM	C/D		•,E,I,O,P,
Freelander 2	2007 - 2013	B6324S	3.2L L6	MPI PCM	C/D	•	RA,
Freelander 2	2010 - 2013	224DT	2.2L Diesel High	TD4 PCM	C/D	•	•,E,I,O,P,
Freelander 2	2010 - 2013	224DT	2.2L Diesel High with DPF	TD4 PCM	C/D	•	•,E,I,O,P,
Freelander 2	2010 - 2013	224DT	2.2L Diesel Low	TD4 PCM	C/D	•	•,E,I,O,P,
Freelander 2	2010 - 2013	224DT	2.2L Diesel Low with DPF	TD4 PCM	C/D	•	•,E,I,O,P,
Freelander 2	2012 - 2013		2.0L MPI Supercharged	MPI PCM	C/D	•	•,
Range Rover	1995 - 1999	44D	4.0L MPI	GEMS	C/D		
Range Rover	1995 - 1999	48D	4.6L MPI	GEMS	C/D		
Range Rover	1995 - 2000	M51	2.5L Diesel	DDE 2.1 AM	C/D		
Range Rover	1999 - 2001	58D	4.0L MPI	MOTRONIC 5.2.1	C/D	•	
Range Rover	1999 - 2001	60D	4.6L MPI	MOTRONIC 5.2.1	C/D	•	
Range Rover	1999 - 2001	M51	2.5L Diesel	DDE2.1 AM DIESELS	C/D	•	
Range Rover	2002 - 2005	M62TU	4.4L MPI	ME7.2	C/D	•	

LAND ROVER							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Range Rover	2002 - 2006	TD6	3.0L Diesel	DDE4.0	C/D	•	
Range Rover	2006 - 2009	428PS	4.2L V8 MPI Supercharged	Denso PAG EMS Generation 1	C/D	•	RA,
Range Rover	2006 - 2009	448PN	4.4L V8 MPI	Denso PAG EMS Generation 1	C/D	•	RA,
Range Rover	2007 - 2012	368DT	3.6L TDV8	TDV8 PCM	C/D	•	•,O,P,
Range Rover	2010 - 2012	368DT	3.6L TDV8 with DPF	TDV8 PCM	C/D	•	•,O,P,
Range Rover	2010 - 2012	508PN	5.0L V8 MPI	DENSO	C/D	•	RA,
Range Rover	2010 - 2012	508PS	5.0L V8 MPI Supercharged	DENSO	C/D	•	RA,
Range Rover	2010 - 2013	448DT	4.4L TDV8	TDV8 PCM	C/D	•	•,E,O,P,
Range Rover	2010 - 2013	448DT	4.4L TDV8 with DPF	TDV8 PCM	C/D	•	•,E,O,P,
Range Rover	2013 - 2013		2.0L MPI Supercharged	MPI PCM	C/D	•	•,
Range Rover	2013 - 2013		3.0L Diesel low with cDPF	TDV6 PCM	C/D	•	
Range Rover	2013 - 2013	306PS	3.0L V6 MPI Supercharged	3.0L PCM System	C/D	•	
Range Rover	2013 - 2013	508PN	5.0L V8 MPI	5.0L PCM System_A18	C/D	•	
Range Rover	2013 - 2013	508PS	5.0L V8 MPI Supercharged	5.0L PCM System_A18	C/D	•	
Range Rover Classic	1992 - 1995	37D	3.9L MPI	MPI PCM	C/D		
Range Rover Classic	1992 - 1995	38D	3.9L MPI	MPI PCM	C/D		
Range Rover Evoque	2012 - 2013	20HD0D	2.0L MPI Supercharged	MPI PCM	C/D	•	•,
Range Rover Evoque	2012 - 2013	22DDER	2.2L T-Diesel high	TD4 PCM	C/D	•	•,E,O,
Range Rover Evoque	2012 - 2013	22DDER	2.2L T-Diesel high with DPF	TD4 PCM	C/D		•,E,O,P,
Range Rover Evoque	2012 - 2013	22DDER	2.2L T-Diesel low	TD4 PCM	C/D	•	•,E,O,
Range Rover Evoque	2012 - 2013	22DDER	2.2L T-Diesel low with DPF	TD4 PCM	C/D		•,E,O,P,
Range Rover Sport	2005 - 2006	428PS	4.2L V8 MPI Supercharged	Siemens PAG EMS Generation 1	C/D	•	
Range Rover Sport	2005 - 2009	276DT	2.7L TDV6	SIEMENS PCM	C/D	•	•,O,P,
Range Rover Sport	2005 - 2009	448PN	4.4L V8 MPI	Denso PAG EMS Generation 1	C/D	•	RA,
Range Rover Sport	2007 - 2009	428PS	4.2L V8 MPI Supercharged	Denso PAG EMS Generation 1	C/D	•	RA,
Range Rover Sport	2007 - 2011	368DT	3.6L TDV8	TDV8 PCM	C/D	•	•,O,P,
Range Rover Sport	2010 - 2010	306DT	3.0L TDV6	SIEMENS PCM	C/D	•	•,E,O,
Range Rover Sport	2010 - 2011	368DT	3.6L TDV8 with DPF	TDV8 PCM	C/D	•	•,O,P,
Range Rover Sport	2010 - 2013	306DT	3.0L TDV6 with DPF	SIEMENS PCM	C/D	•	•,E,O,P,
Range Rover Sport	2010 - 2013	508PN	5.0L V8 MPI	DENSO	C/D	•	RA,
Range Rover Sport	2010 - 2013	508PS	5.0L V8 MPI Supercharged	DENSO	C/D	•	RA,
Range Rover Sport	2011 - 2013	TD6	3.0L Diesel	SIEMENS PCM	C/D	•	•,E,O,
Range Rover Sport	2012 - 2013	306DT	3.0L TDV6 low with DPF	SIEMENS PCM	C/D	•	•,E,O,P,

## Airbag

LAND ROVER					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Discovery 2	1998 - 2005	SRS STR	C		
Discovery 3	2005 - 2009	CONTITEMIC SRS	C/D		•
Discovery 4	2010 - 2013	RCM	C/D		•
Discovery 4	2013 - 2013	RCM	C/D		
Freelander	1997 - 2006	SRS STR	C		
Freelander 2	2007 - 2013	RCM	C/D		•
Freelander 2	2012 - 2013	RCM	C/D		
Range Rover	1999 - 2001	SRS STR	C		
Range Rover	2002 - 2006	Bosch MRS4 (L322)	C/D		•
Range Rover	2007 - 2007	BOSCH DCU MRS4	C/D		
Range Rover	2007 - 2009	CONTITEMIC SRS	C/D		
Range Rover	2010 - 2013	RCM	C/D		
Range Rover Evoque	2012 - 2013	RCM	C/D		
Range Rover Sport	2005 - 2009	CONTITEMIC SRS	C/D		
Range Rover Sport	2005 - 2009	CONTITEMIC SRS	C/D		•
Range Rover Sport	2007 - 2009	BOSCH DCU MRS4	C/D		
Range Rover Sport	2010 - 2013	RCM	C/D		•

## Antilock Brakes

LAND ROVER					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Defender	1999 - 2010	WABCO	C/D		
Defender	2010 - 2011	ABS	C/D	•	
Defender	2012 - 2013	ABS	C/D		
Discovery	1995 - 1999	WABCO	C/D		
Discovery 2	1998 - 2005	WABCO (SLABS)	C/D		BB,
Discovery 3	2005 - 2009	BOSCH DSC 8.0	C/D	•	BB,
Discovery 4	2010 - 2013	ABS	C/D	•	BB,
Discovery 4	2013 - 2013	BOSCH DSC 8.0	C/D	•	BB,
Freelander	1997 - 2000	WABCO	C/D		
Freelander	2001 - 2001	TEVES ABS (MK20)	C/D		
Freelander	2002 - 2006	TEVES ABS	C/D		
Freelander 2	2007 - 2013	ABS	C/D		•
Freelander 2	2010 - 2010	Continental Teves Mk25E1	C/D		
Freelander 2	2012 - 2013	ABS	C/D		
Range Rover	1995 - 2001	WABCO	C/D		
Range Rover	2002 - 2006	WABCO	C/D		BB,
Range Rover	2002 - 2006	WABCO (STEER)	C/D		
Range Rover	2006 - 2009	ABS	C/D	•	BB,
Range Rover	2010 - 2013	BOSCH DSC 8.0	C/D	•	BB,
Range Rover	2013 - 2013	ABS	C/D		
Range Rover	2013 - 2013	BOSCH DSC 8.0	C/D	•	
Range Rover Evoque	2012 - 2013	ABS	C/D		•,S,
Range Rover Sport	2005 - 2013	BOSCH DSC 8.0	C/D	•	BB,
Range Rover Sport	2012 - 2013	ABS	C/D		

## Auto Transmission

LAND ROVER					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Discovery 2	1998 - 2005	BOSCH GS8.87	C/D	•	
Discovery 3	2005 - 2009	MTCM	C/D	•	•
Discovery 3	2005 - 2009	ZF 6HP26	C/D		RA,
Discovery 4	2010 - 2013	AWF21	C/D		RA,
Discovery 4	2010 - 2013	MTCM	C/D		
Discovery 4	2013 - 2013	ATCM	C/D		
Discovery 4	2013 - 2013	MTCM	C/D	•	
Freelander	2001 - 2006	JATCO A/T	C/D	•	
Freelander 2	2007 - 2010	AWF21	C/D		•
Freelander 2	2007 - 2012	AWF21	C/D		•,RA,
Freelander 2	2011 - 2013	ATCM	C/D		RA,
Freelander 2	2012 - 2013	ATCM	C/D		
Range Rover	1999 - 2005	BOSCH GS8.87	C/D	•	
Range Rover	2002 - 2005	SIEMENS AUTO	C/D	•	
Range Rover	2002 - 2006	SIEMENS TRANSFER BOX	C/D		
Range Rover	2006 - 2006	Bosch MRS4 (L322)	C/D	•	
Range Rover	2006 - 2009	ZF 6HP26	C/D		
Range Rover	2006 - 2013	MTCM	C/D		
Range Rover	2007 - 2009	ZF 6HP26	C/D		RA,
Range Rover	2010 - 2013	ATCM	C/D		RA,
Range Rover	2010 - 2013	MTCM	C/D	•	
Range Rover	2013 - 2013	ATCM	C/D		
Range Rover Evoque	2012 - 2013	ATCM	C/D		RA,
Range Rover Sport	2005 - 2009	ATCM	C/D		RA,
Range Rover Sport	2005 - 2013	MTCM	C/D		
Range Rover Sport	2010 - 2013	AWF21	C/D		RA,
Range Rover Sport	2013 - 2013	ATCM	C/D		

## Instrument Panel

LAND ROVER					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Defender	2010 - 2013	IPC	C/D		
Discovery 3	2005 - 2009	UK_NSI IPC SYSTEM_A1	C/D	•	
Discovery 4	2010 - 2013	IPC	C/D	•	
Freelander	2001 - 2006	IPC	C/D	•	
Freelander 2	2007 - 2013	IPC	C/D	•	
Freelander 2	2013 - 2013	IPC	C/D		
Range Rover	2006 - 2012	IPC	C/D		
Range Rover	2006 - 2013	IPC	C/D	•	
Range Rover Evoque	2012 - 2013	IPC	C/D		
Range Rover Sport	2005 - 2009	UK_NSI IPC SYSTEM_A1	C/D	•	
Range Rover Sport	2010 - 2013	IPC	C/D	•	

## Other Continued

LAND ROVER						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Range Rover	2010 - 2012	ADCM	C/D	•		Adaptive Damping Control Module
Range Rover	2005 - 2006	RLCM	C/D	•	•	Air Suspension
Range Rover	2002 - 2005	Delphi (L322)	C/D	•	•	Air Suspension
Range Rover	2006 - 2009	Alps ATCM	C/D			All Terrain Control Module
Freelander 2	2007 - 2013	RLCM	C/D			All Terrain Control Module
Discovery 3	2005 - 2009	Alps ATCM	C/D			All Terrain Control Module
Discovery 4	2010 - 2013	ATCM	C/D			All Terrain Control Module
Range Rover Sport	2010 - 2013	ATCM	C/D			All Terrain Control Module
Range Rover	2010 - 2012	ATCM	C/D			All Terrain Control Module
Range Rover	2010 - 2013	ATCM	C/D	•		All Terrain Control Module
Range Rover Sport	2005 - 2009	Alps ATCM	C/D			All Terrain Control Module
Discovery 2	1998 - 2005	Valeo BCU	C			Body Computer
Range Rover Sport	2005 - 2013	BCM	C/D	•		Body Control Module
Range Rover	2010 - 2013	BCM	C/D	•		Body Control Module
Discovery 3	2005 - 2009	BCM	C/D	•		Body Control Module
Discovery 4	2010 - 2013	BCM	C/D	•		Body Control Module
Freelander 2	2007 - 2013	BCM	C/D		•,C,	Body Control Module
Freelander 2	2012 - 2013	BCM	C/D			Body Control Module
Range Rover	2006 - 2009	MOTOROLA	C/D	•		Body Processor Module
Range Rover	2013 - 2013	CCM	C/D	•		Chassis Control Module
Discovery 2	1998 - 2005	-				Climate Control
Range Rover	2010 - 2013	DCSM	C/D			Climate Seat Module - Drivers
Range Rover	2013 - 2013	RDCSM	C/D			Climate Seat Module - Rear
Discovery 4	2011 - 2011	DDM	C/D	•		Door Module Driver
Discovery 4	2010 - 2013	DDM	C/D	•		Door Module Drivers
Freelander 2	2007 - 2012	DDM	C/D	•		Door Module Drivers
Range Rover	2010 - 2012	DDM	C/D	•		Door Module Drivers
Range Rover Sport	2010 - 2013	DDM	C/D	•		Door Module Drivers
Freelander 2	2011 - 2013	DDM	C/D	•		Door Module Driver's
Discovery 4	2011 - 2011	PDCM	C/D	•		Door Module Passenger
Discovery 4	2010 - 2013	PDCM	C/D	•		Door Module Passengers
Freelander 2	2007 - 2012	PDCM	C/D	•		Door Module Passengers
Range Rover Sport	2010 - 2013	PDCM	C/D	•		Door Module Passengers
Range Rover	2010 - 2012	PDCM	C/D	•		Door Module Passenger's
Freelander 2	2011 - 2013	PDCM	C/D	•		Door Module Passenger's
Freelander 2	2009 - 2010	DDM	C/D	•		Driver's Door Module
Range Rover	2010 - 2012	DDM	C/D	•		Driver's Door Module
Range Rover Sport	2010 - 2013	DSM	C/D			Driver's Seat Module
Freelander 2	2011 - 2013	DSM	C/D			Driver's Seat Module
Freelander 2	2007 - 2013	DSM	C/D	•		Driver's Seat Module
Range Rover	2006 - 2012	DSM	C/D			Driver's Seat Module
Discovery 4	2010 - 2013	DSM	C/D			Driver's Seat Module
Range Rover	2006 - 2009	DCSM	C/D			Driver's Climate Seat Module
Freelander 2	2007 - 2010	DSM	C/D	•		Drivers Seat Module
Freelander 2	2011 - 2013	HVAC	C/D	•	•	Heating Ventilation and Air Conditioning
Range Rover Evoque	2012 - 2013	HVAC	C/D	•	•	Heating Ventilation and Air Conditioning
Range Rover	2013 - 2013	HVAC MODULE	C/D			HVAC
Range Rover Sport	2007 - 2011	HVAC	C/D	•	•	HVAC Automatic
Range Rover Sport	2010 - 2013	HVAC	C/D		•	HVAC Automatic
Range Rover Sport	2005 - 2009	HVAC	C/D	•		HVAC Automatic

Key for Special Functions: BB: Brake Bleed, JSS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Relearn, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Relearn, Jk: Jumper or Type Semi Auto, •: Other (see table on page 26) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



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 Key (or Special Functions): BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Fl Wheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RB- Reset Adaptation, S- Steering Angle Sensor, E- Electronic Body Return, Jk- Jumper or Type Semi Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 14-4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Other Continued

LAND ROVER						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Range Rover	2007 - 2012	HVAC	C/D	•	•	HVAC Automatic
Freelander 2	2007 - 2010	HVAC	C/D		•	HVAC Automatic
Range Rover	2006 - 2009	HVAC	C/D			HVAC Automatic
Discovery 3	2005 - 2009	HVAC	C/D	•		HVAC Automatic
Discovery 4	2010 - 2013	HVAC	C/D		•	HVAC Automatic
Discovery 4	2010 - 2013	FCIM	C/D			HVAC Automatic Front Controls
Range Rover	2013 - 2013	FCIM	C/D			HVAC Automatic Front Controls
Range Rover Sport	2010 - 2013	FCIM	C/D			HVAC Automatic Front Controls
Range Rover	2013 - 2013	RHVAC	C/D			HVAC Automatic Rear Controls
Range Rover	2006 - 2009	RHVAC	C/D	•		HVAC Rear
Discovery 4	2010 - 2013	KVM	C/D			Keyless Vehicle Module
Range Rover	2010 - 2013	KVM	C/D			Keyless Vehicle Module
Range Rover Sport	2010 - 2013	KVM	C/D			Keyless Vehicle Module
Freelander 2	2007 - 2012	ROCSM	C/D			Occupant Classification System Module
Freelander 2	2007 - 2013	PACM	C/D			Parking Assist
Range Rover	2002 - 2012	PACM	C/D	•	•	Parking Assist
Discovery 4	2010 - 2013	PACM	C/D			Parking Assist
Discovery 3	2005 - 2009	VALEO PAM_PDC PAM_SYSTEM_A5	C/D		•	Parking Assist
Range Rover Sport	2010 - 2013	PACM	C/D			Parking Assist
Range Rover Sport	2005 - 2009	VALEO PAM_PDC PAM_SYSTEM_A5	C/D			Parking Assist
Range Rover	2010 - 2013	PACM	C/D			Parking Assist
Freelander 2	2010 - 2013	PACM	C/D	•		Parking Assist
Range Rover Evoque	2012 - 2013	PACM	C/D			Parking Assist
Range Rover Evoque	2012 - 2013	PBCM	C/D		BS,	Parking Brake
Range Rover Sport	2005 - 2009	PBCM	C/D		•,BS,	Parking Brake
Range Rover Sport	2005 - 2009	PBCM	C/D		BS,	Parking Brake
Range Rover	2006 - 2013	PBCM	C/D		BS,	Parking Brake
Range Rover	2007 - 2013	PBCM	C/D	•	BS,	Parking Brake
Range Rover Sport	2007 - 2013	PBCM	C/D	•	BS,	Parking Brake
Discovery 4	2010 - 2013	PBCM	C/D	•	BS,	Parking Brake
Discovery 3	2005 - 2009	PBCM	C/D		BS,	Parking Brake
Freelander 2	2013 - 2013	PBCM	C/D		BS,	Parking Brake
Freelander 2	2010 - 2010	PDCM	C/D	•		Passenger's Door Module
Freelander 2	2007 - 2013	RCM	C/D			Restraints Control Module
Range Rover	2006 - 2012	RCM	C/D			Restraints Control Module
Discovery 4	2010 - 2013	RCM	C/D			Restraints Control Module
Range Rover Sport	2010 - 2013	RCM	C/D			Restraints Control Module
Range Rover Sport	2010 - 2013	ROCSM	C/D			Restraints Occupant Classification System Module
Discovery 4	2010 - 2013	ROCSM	C/D			Restraints Occupant Classification System Module
Freelander 2	2011 - 2013	ROCSM	C/D			Restraints Occupant Classification System Module
Range Rover	2006 - 2012	RLCM	C/D	•	•	Ride Level Control Module
Discovery 4	2010 - 2013	RLCM	C/D	•	•	Ride Level Control Module
Discovery 3	2005 - 2009	RLCM	C/D	•	•	Ride Level Control Module
Range Rover Sport	2005 - 2013	RLCM	C/D	•	•	Ride Level Control Module

### Other Continued

LAND ROVER						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Range Rover	2006 - 2012	RBCM	C/D			Running Board Control Module
Range Rover	2013 - 2013	DSM	C/D	•		Seat Module Driver's
Range Rover	2010 - 2013	PSCM	C/D			Seat Module Passenger's
Range Rover	2010 - 2013	PSCM	C/D	•		Seat Module Passenger's
Discovery 2	1998 - 2005	WABCO (SLABS)	C/D		•	Self Leveling Suspension
Discovery 3	2005 - 2009	IPC				Service Interval Reset
Discovery 4	2010 - 2013	IPC				Service Interval Reset
Freelander 2	2007 - 2013	IPC				Service Interval Reset
Range Rover	2006 - 2013	IPC				Service Interval Reset
Range Rover Sport	2005 - 2013	IPC				Service Interval Reset
Range Rover Evoque	2012 - 2013	-				Service Interval Reset
Range Rover Sport	2005 - 2013	SASM	C/D		•,S,	Steering Angle Sensor Module
Range Rover	2006 - 2013	SASM	C/D		•,S,	Steering Angle Sensor Module
Range Rover	2013 - 2013	SASM	C/D			Steering Angle Sensor Module
Range Rover Evoque	2012 - 2013	SASM	C/D			Steering Angle Sensor Module
Freelander 2	2007 - 2013	SASM	C/D			Steering Angle Sensor Module
Discovery 4	2010 - 2013	SASM	C/D		•,S,	Steering Angle Sensor Module
Discovery 3	2005 - 2009	SASM	C/D		•,S,	Steering Angle Sensor Module
Discovery 3	2005 - 2009	SCM	C		•	Steering Column Module
Discovery 4	2010 - 2013	SCM	C/D		•	Steering Column Module
Range Rover Sport	2005 - 2009	SCM	C		•	Steering Column Module
Range Rover	2010 - 2012	SCM	C/D		•	Steering Column Module
Range Rover Sport	2007 - 2013	SCM	C/D		•	Steering Column Module
Range Rover Sport	2005 - 2013	Siemens VDO TPMS_A2	C/D		•,R,	Tire Pressure Monitoring
Range Rover Evoque	2012 - 2013	TPMS	C/D		•,R,	Tire Pressure Monitoring
Range Rover	2013 - 2013	TPMS	C/D		•,R,	Tire Pressure Monitoring
Discovery 4	2010 - 2013	Siemens VDO TPMS_A2	C/D		•,R,	Tire Pressure Monitoring
Discovery 3	2005 - 2009	Siemens VDO TPMS_A2	C/D		•,R,	Tire Pressure Monitoring
Freelander 2	2007 - 2013	LR2 Freelander BCM_System_A_3	C/D		•,R,	Tire Pressure Monitoring
Range Rover	2006 - 2012	Siemens VDO TPMS_A2	C/D		•,R,	Tire Pressure Monitoring
Freelander 2	2007 - 2013	TM	C/D			Trailer Module (Option)
Freelander 2	2011 - 2013	TM	C/D			Trailer Module(Optional)
Defender	2012 - 2013	-				Vehicle Reset
Range Rover Evoque	2012 - 2013	-				Vehicle Reset
Freelander 2	2007 - 2010	ABS	C/D			Wheel Alignment
Discovery 3	2005 - 2009	RLCM				Wheel Alignment (Ride Height Tight Tolerance Setup)
Discovery 4	2010 - 2013	RLCM				Wheel Alignment (Ride Height Tight Tolerance Setup)

### Other Continued

LAND ROVER						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Range Rover Sport	2005 - 2013	RLCM				Wheel Alignment (Ride Height Tight Tolerance Setup)
Range Rover	2006 - 2013	RLCM				Wheel Alignment (Ride Height Tight Tolerance Setup)
Range Rover Evoque	2012 - 2013	-				Windscreen Wipers

# Engine Management Applications

MAZDA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
BT 50	2006 - 2013		2.5L T-Diesel	-	C/D	•	•
BT 50	2006 - 2013		3.0L T-Diesel	-	C/D	•	•
CX-5	2012 - 2013		2.0L Petrol	-	C/D	•	
CX-5	2012 - 2013	150 BHP	2.2L Diesel	-	C/D	•	•,I,I,O,P
CX-5	2012 - 2013	170 BHP	2.2L Diesel	-	C/D	•	•,I,I,O,P
CX-7	2007 - 2011		2.3L T-Petrol	-	C/D	•	
CX-7	2007 - 2012	High Power	2.2 L T-Diesel	-	C/D	•	•,E,I ,I,O,P
CX-7	2007 - 2012	Low Power	2.2 L T-Diesel	-	C/D	•	•,E,I ,I,O,P
CX-7	2007 - 2012	Mid Power	2.2 L T-Diesel	-	C/D	•	•,E,I ,I,O,P
CX-7	2012 - 2012		2.3L T-Petrol = L3	-	C/D	•	
Mazda 2	2002 - 2006		1.25L Petrol	-	C/D		
Mazda 2	2002 - 2006		1.4L Diesel	-	C/D		
Mazda 2	2002 - 2006		1.4L Petrol	-	C/D		
Mazda 2	2002 - 2006		1.6L Petrol	-	C/D		
Mazda 2	2009 - 2013		1.3L Petrol	-	C/D	•	
Mazda 2	2009 - 2013		1.4L DI Turbo Diesel	-	C/D		
Mazda 2	2009 - 2013		1.5L Petrol	-	C/D	•	
Mazda 2	2009 - 2013		1.6L MZ-CD	-	C/D	•	•,I,P
Mazda 2 (05 Model)	2007 - 2008		1.25L Petrol	-	C/D		
Mazda 2 (05 Model)	2007 - 2008		1.4L Diesel	-	C/D		
Mazda 2 (05 Model)	2007 - 2008		1.4L Petrol	-	C/D		
Mazda 2 (05 Model)	2007 - 2008		1.6L Petrol	-	C/D		
Mazda 2 (07 Model)	2007 - 2008		1.3L Petrol	-	C/D	•	
Mazda 2 (07 Model)	2007 - 2008		1.4L DI Turbo Diesel	-	C/D		
Mazda 2 (07 Model)	2007 - 2008		1.5L Petrol	-	C/D	•	
Mazda 2 (07 Model)	2007 - 2008		1.6L MZ-CD	-	C/D	•	•,I,P
Mazda 3	2003 - 2009		1.4L Petrol	-	C/D	•	
Mazda 3	2003 - 2009		2.0L MZR-CD	-	C/D	•	RA,
Mazda 3	2003 - 2009	Euro 3	1.6L MZ-CD	-	C/D	•	•,I,P
Mazda 3	2003 - 2009	High Power	1.6L MZ-CD	-	C/D	•	•,I,P
Mazda 3	2003 - 2009	Mid Power	1.6L MZ-CD	-	C/D	•	•,I,P
Mazda 3	2003 - 2013		1.6L Petrol	-	C/D	•	
Mazda 3	2003 - 2013		2.0L Petrol	-	C/D	•	
Mazda 3	2003 - 2013		2.3L T-Petrol	-	C/D	•	
Mazda 3	2011 - 2012		1.6L MZ-CD	Engine_CAN	C/D		•,I,P
Mazda 3	2011 - 2012		1.6L MZ-CD	Engine_UDS	C/D		•,I,P
Mazda 3	2011 - 2013		2.0L Petrol DISI	-	C/D	•	
Mazda 3	2011 - 2013	High Power	2.2L MZR-CD	-	C/D	•	•,E,I ,I,O,P
Mazda 3	2011 - 2013	Low Power	2.2L MZR-CD	-	C/D	•	•,E,I ,I,O,P
Mazda 3	2013 - 2013		1.6L MZ-CD	-	C/D	•	•,I,P
Mazda 3 (09 Model)	2009 - 2010		1.6L MZ-CD	-	C/D		•,I,P
Mazda 3 (09 Model)	2009 - 2010		1.6L Petrol	-	C/D	•	
Mazda 3 (09 Model)	2009 - 2010		2.0L Petrol	-	C/D	•	
Mazda 3 (09 Model)	2009 - 2010		2.0L Petrol DISI	-	C/D	•	
Mazda 3 (09 Model)	2009 - 2010		2.3L T-Petrol	-	C/D	•	
Mazda 3 (09 Model)	2009 - 2010	High Power	2.2L MZR-CD	-	C/D	•	•,E,I ,I,O,P
Mazda 3 (09 Model)	2009 - 2010	Low Power	2.2L MZR-CD	-	C/D	•	•,E,I ,I,O,P
Mazda 5	2005 - 2010	High Power	2.0L T-Diesel	-	C/D	•	RA,
Mazda 5	2005 - 2010	Low Power	2.0L T-Diesel	-	C/D	•	RA,
Mazda 5	2005 - 2013		1.8L Petrol	-	C/D	•	
Mazda 5	2005 - 2013		2.0L Petrol	-	C/D	•	

MAZDA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Mazda 5	2012 - 2013		1.6L MZ-CD	-	C/D		•,I,P
Mazda 5 (10 Model)	2011 - 2011		1.8L Petrol	-	C/D	•	
Mazda 5 (10 Model)	2011 - 2011		2.0L Petrol	-	C/D	•	
Mazda 5 (10 Model)	2011 - 2011	High Power	2.0L T-Diesel	-	C/D	•	RA,
Mazda 5 (10 Model)	2011 - 2011	Low Power	2.0L T-Diesel	-	C/D	•	RA,
Mazda 5 (11 Model)	2011 - 2011		1.6L MZ-CD	-	C/D		•,I,P
Mazda 5 (11 Model)	2011 - 2011		1.8L Petrol	-	C/D	•	
Mazda 5 (11 Model)	2011 - 2011		2.0L Petrol	-	C/D	•	
Mazda 6	2008 - 2013		1.8L Petrol	-	C/D	•	
Mazda 6	2008 - 2013		2.0L Petrol	-	C/D	•	
Mazda 6	2008 - 2013		2.0L T-Diesel	-	C/D	•	•,E,I ,I,O,P
Mazda 6	2008 - 2013		2.5L Petrol	-	C/D	•	
Mazda 6	2008 - 2013	High Power	2.2 L T-Diesel	-	C/D	•	•,E,I ,I,O,P
Mazda 6	2008 - 2013	Low Power	2.2 L T-Diesel	-	C/D	•	•,E,I ,I,O,P
Mazda 6	2008 - 2013	Mid Power	2.2 L T-Diesel	-	C/D	•	•,E,I ,I,O,P
Mazda 6 (07 Model)	2007 - 2007		1.8L Petrol	-	C/D	•	
Mazda 6 (07 Model)	2007 - 2007		2.0L Petrol	-	C/D	•	
Mazda 6 (07 Model)	2007 - 2007		2.0L T-Diesel	-	C/D	•	•,E,I ,I,O,P
Mazda 6 (07 Model)	2007 - 2007		2.5L Petrol	-	C/D	•	
Mazda 6 (07 Model)	2007 - 2007	High Power	2.2 L T-Diesel	-	C/D	•	•,E,I ,I,O,P
Mazda 6 (07 Model)	2007 - 2007	Low Power	2.2 L T-Diesel	-	C/D	•	•,E,I ,I,O,P
Mazda 6 (07 Model)	2007 - 2007	Mid Power	2.2 L T-Diesel	-	C/D	•	•,E,I ,I,O,P
Mazda 6 (2013)	2013 - 2013		2.0L Petrol	-	C/D		
Mazda 6 (2013)	2013 - 2013	150BHP	2.2L Diesel	-	C/D	•	•,I,I,O,P
Mazda 6 (4DR/5DR)	2002 - 2007		1.8L Petrol	-	C/D	•	
Mazda 6 (4DR/5DR)	2002 - 2007		2.0L Petrol	-	C/D	•	
Mazda 6 (4DR/5DR)	2002 - 2007		2.3L T-Petrol	-	C/D	•	
Mazda 6 (4DR/5DR)	2002 - 2007	High Power	2.0L T-Diesel	-	C/D	•	RA,
Mazda 6 (4DR/5DR)	2002 - 2007	Low Power	2.0L T-Diesel	-	C/D	•	RA,
Mazda 6 (Estate)	2002 - 2007		1.8L Petrol	-	C/D		
Mazda 6 (Estate)	2002 - 2007		2.0L Petrol	-	C/D	•	
Mazda 6 (Estate)	2002 - 2007		2.3L T-Petrol	-	C/D	•	
Mazda 6 (Estate)	2002 - 2007	High Power	2.0L T-Diesel	-	C/D	•	RA,
Mazda 6 (Estate)	2002 - 2007	Low Power	2.0L T-Diesel	-	C/D	•	RA,
Mazda MPV	2000 - 2006		2.0L Diesel	-	C/D		
Mazda MPV	2000 - 2006		2.0L Petrol	-	C/D		
Mazda MPV	2000 - 2006		2.3L Petrol	-	C/D		
Mazda Tribute	2001 - 2006		2.0L Petrol	-	C/D		
Mazda Tribute	2001 - 2006		3.0L V6 Petrol	-	C/D		
MX-5	2006 - 2013		1.8L Petrol	-	C/D	•	
MX-5	2006 - 2013		2.0L Petrol	-	C/D	•	
MX-5 (05 Model)	2005 - 2005		1.8L Petrol	-	C/D	•	
MX-5 (05 Model)	2005 - 2005		2.0L Petrol	-	C/D	•	
RX-8	2003 - 2012	High Power	1.3L Rotary Engine 13B	-	C/D		
RX-8	2003 - 2012	Low Power	1.3L Rotary Engine 13B	-	C/D		

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Injector Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, H: Hydraulic or Type Semi Auto, \* Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

Key for Special Functions: BS: Brake Bleed, BSS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, Jk: Jumper or Type Semi Auto, \* : Other (see table on page 26) Dark grey lines indicate new content at 1.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Airbag

MAZDA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
BT 50	2006 - 2013	-	C/D		
CX-5	2012 - 2013	-	C/D		
CX-7	2007 - 2012	-	C/D		
Mazda 2	2002 - 2013	-	C/D		
Mazda 2 ('05 Model)	2007 - 2008	-	C/D		
Mazda 2 ('07 Model)	2007 - 2008	-	C/D		
Mazda 3	2003 - 2009	-	C/D		
Mazda 3	2003 - 2013	-	C/D		•,R.
Mazda 3 ('09 Model)	2009 - 2010	-	C/D		•,R.
Mazda 5	2005 - 2013	-	C/D		
Mazda 5 ('10 Model)	2011 - 2011	-	C/D		
Mazda 5 ('11 Model)	2011 - 2011	-	C/D		
Mazda 6	2008 - 2013	-	C/D		
Mazda 6 ('07 Model)	2007 - 2007	-	C/D		
Mazda 6 (2013)	2013 - 2013	-	C/D		
Mazda 6 (4DR/5DR)	2002 - 2007	-	C/D		
Mazda 6 (Estate)	2002 - 2007	-	C/D		
Mazda MPV	2000 - 2006	-	C/D		
Mazda Tribute	2001 - 2006	-	C/D		
MX-5	2006 - 2013	-	C/D		
MX-5 ('05 Model)	2005 - 2005	-	C/D		
RX-8	2003 - 2012	-	C/D		

## Antilock Brakes

MAZDA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
BT 50	2006 - 2013	-	C/D		
CX-5	2012 - 2013	-	C/D	•	BS,
CX-7	2007 - 2012	-	C/D	•	BS,
Mazda 2	2002 - 2006	-	C/D	•	
Mazda 2	2009 - 2013	-	C/D	•	BS,
Mazda 2 ('05 Model)	2007 - 2008	-	C/D	•	
Mazda 2 ('07 Model)	2007 - 2008	-	C/D	•	BS,
Mazda 3	2003 - 2013	-	C/D	•	BS,
Mazda 3 ('09 Model)	2009 - 2010	-	C/D	•	BS,
Mazda 5	2005 - 2013	-	C/D	•	BS,
Mazda 5 ('10 Model)	2011 - 2011	-	C/D	•	BS,
Mazda 5 ('11 Model)	2011 - 2011	-	C/D	•	BS,
Mazda 6	2008 - 2013	-	C/D	•	BS,
Mazda 6 ('07 Model)	2007 - 2007	-	C/D	•	BS,
Mazda 6 (2013)	2013 - 2013	-	C/D	•	BS,
Mazda 6 (4DR/5DR)	2002 - 2007	-	C/D	•	BS,
Mazda 6 (Estate)	2002 - 2007	-	C/D	•	BS,
Mazda MPV	2000 - 2006	-	C/D		
Mazda Tribute	2001 - 2006	-	C/D		
MX-5	2006 - 2013	-	C/D	•	BS,
MX-5 ('05 Model)	2005 - 2005	-	C/D	•	BS,
RX-8	2010 - 2012	-	C/D	•	BS,

## Auto Transmission

MAZDA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
CX-5	2012 - 2013	-	C/D		
Mazda 2	2002 - 2013	-	C/D		
Mazda 2 ('05 Model)	2007 - 2008	-	C/D		
Mazda 2 ('07 Model)	2007 - 2008	-	C/D		
Mazda 3	2003 - 2009	-	C/D		
Mazda 3	2011 - 2013	Trans_0x7E0	C		
Mazda 3	2011 - 2013	Trans_0x7E1	C/D		
Mazda 3 ('09 Model)	2009 - 2010	Trans_0x7E0	C		
Mazda 3 ('09 Model)	2009 - 2010	Trans_0x7E1	C/D		
Mazda 5	2005 - 2010	-	C/D		
Mazda 5 ('10 Model)	2011 - 2011	-	C/D		
Mazda 6	2008 - 2013	-	C/D		
Mazda 6 ('07 Model)	2007 - 2007	-	C/D		
Mazda 6 (2013)	2013 - 2013	-	C/D		
Mazda 6 (4DR/5DR)	2002 - 2007	-	C/D		
Mazda 6 (Estate)	2002 - 2007	-	C/D		
Mazda Tribute	2001 - 2006	-	C/D		
MX-5	2006 - 2013	-	C/D		
MX-5 ('05 Model)	2005 - 2005	-	C/D		
RX-8	2003 - 2012	-	C/D		

## Instrument Panel

MAZDA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
CX-5	2012 - 2013	-	C/D	•	
CX-7	2007 - 2012	-	C/D		
CX-7	2007 - 2012	-	C/D	•	
Mazda 2	2002 - 2006	-	C/D		
Mazda 2	2009 - 2013	-	C/D	•	
Mazda 2 ('05 Model)	2007 - 2008	-	C/D		
Mazda 2 ('07 Model)	2007 - 2008	-	C/D	•	
Mazda 3	2003 - 2009	-	C/D		
Mazda 3	2003 - 2013	-	C/D	•	
Mazda 3 ('09 Model)	2009 - 2010	-	C/D	•	
Mazda 5	2005 - 2010	-	C/D		
Mazda 5	2005 - 2013	-	C/D	•	
Mazda 5 ('10 Model)	2011 - 2011	-	C/D		
Mazda 5 ('11 Model)	2011 - 2011	-	C/D	•	
Mazda 6	2008 - 2013	-	C/D		
Mazda 6 ('07 Model)	2007 - 2007	-	C/D	•	
Mazda 6 (2013)	2013 - 2013	-	C/D	•	
Mazda 6 (4DR/5DR)	2002 - 2007	-	C/D		
Mazda 6 (Estate)	2002 - 2007	-	C/D		
MX-5	2006 - 2013	-	C/D		
MX-5 ('05 Model)	2005 - 2005	-	C/D		
RX-8	2003 - 2012	-	C/D		

## Other

MAZDA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
CX-5	2012 - 2013	-	C	•		4x4 Module
CX-7	2007 - 2012	-	C			4x4 Module
CX-5	2012 - 2013	-	C/D		•	Adaptive Front Lighting System
Mazda 3	2011 - 2013	-	C/D		•	Adaptive Front Lighting System
Mazda 3 ('09 Model)	2009 - 2010	-	C/D		•	Adaptive Front Lighting System
Mazda 6	2008 - 2013	-	C/D		•	Adaptive Front Lighting System
Mazda 6 ('07 Model)	2007 - 2007	-	C/D		•	Adaptive Front Lighting System
Mazda 6 (2013)	2013 - 2013	-	C/D		•	Adaptive Front Lighting System
Mazda 6 (4DR/5DR)	2005 - 2007	-	C/D			Body Control Module
Mazda 6 (Estate)	2005 - 2007	-	C/D			Body Control Module
Mazda 6	2008 - 2013	-	C/D			Body Control Module
Mazda 6 ('07 Model)	2007 - 2007	-	C/D			Body Control Module
Mazda 5	2005 - 2013	-	C/D			Body Control Module
Mazda 5 ('10 Model)	2011 - 2011	-	C/D			Body Control Module
Mazda 5 ('11 Model)	2011 - 2011	-	C/D			Body Control Module
Mazda 3 ('09 Model)	2009 - 2010	-	C/D			Body Control Module
Mazda 2 ('07 Model)	2007 - 2008	-	C/D	•		Body Control Module
Mazda 3	2003 - 2013	-	C/D			Body Control Module
Mazda 2	2009 - 2013	-	C/D	•		Body Control Module
CX-7	2007 - 2012	-	C/D			Body Control Module
B-Series	2000 - 2005	-	C/D			C116 Pin Diagnostic Connector
Mazda 323	2000 - 2003	-	C/D			C116 Pin Diagnostic Connector
Mazda 626	2000 - 2002	-	C/D			C116 Pin Diagnostic Connector
Mazda Demio/121	2000 - 2002	-	C/D			C116 Pin Diagnostic Connector
MX-5	2000 - 2004	-	C/D			C116 Pin Diagnostic Connector
MX-5 ('04 Model)	2005 - 2005	-	C/D			C116 Pin Diagnostic Connector
Mazda Premacy	2000 - 2004	-	C/D			C116 Pin Diagnostic Connector
Mazda Premacy	2000 - 2004	-	C/D			C217 Pin Diagnostic Connector
MX-5 ('04 Model)	2005 - 2005	-	C/D			C217 Pin Diagnostic Connector
MX-5	2000 - 2004	-	C/D			C217 Pin Diagnostic Connector
Mazda Demio/121	2000 - 2002	-	C/D			C217 Pin Diagnostic Connector
Mazda 626	2000 - 2002	-	C/D			C217 Pin Diagnostic Connector
Mazda 323	2000 - 2003	-	C/D			C217 Pin Diagnostic Connector
B-Series	2000 - 2005	-	C/D			C217 Pin Diagnostic Connector
CX-5	2012 - 2013	-	C/D		•	Electronic Air Temp. Control Module
CX-7	2007 - 2012	-	C/D		•	Electronic Air Temp. Control Module
Mazda 3 ('09 Model)	2009 - 2010	-	C/D		•	Electronic Air Temp. Control Module
Mazda 3	2011 - 2013	-	C/D		•	Electronic Air Temp. Control Module
Mazda 5 ('10 Model)	2011 - 2011	-	C/D		•	Electronic Air Temp. Control Module
Mazda 5 ('10 Model)	2011 - 2011	-	C/D		•	Electronic Air Temp. Control Module
Mazda 5	2005 - 2010	-	C/D		•	Electronic Air Temp. Control Module
Mazda 5	2005 - 2013	-	C/D		•	Electronic Air Temp. Control Module
Mazda 6	2008 - 2013	-	C/D		•	Electronic Air Temp. Control Module
Mazda 6 ('07 Model)	2007 - 2007	-	C/D		•	Electronic Air Temp. Control Module
Mazda 5 ('11 Model)	2011 - 2011	-	C/D		•	Electronic Air Temp. Control Module
Mazda 6 (2013)	2013 - 2013	-	C/D		•	Electronic Air Temp. Control Module
Mazda 6 (2013)	2013 - 2013	-	C/D			Electronic Power Steering

## Other Continued

MAZDA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
RX-8	2003 - 2012	-	C/D		•	Electronic Power Steering
Mazda 6	2008 - 2013	-	C/D		•	Electronic Power Steering
Mazda 6 (07 Model)	2007 - 2007	-	C/D		•	Electronic Power Steering
Mazda 2 (07 Model)	2007 - 2008	-	C/D			Electronic Power Steering
Mazda 5	2005 - 2013	-	C/D			Electronic Power Steering
Mazda 5 (11 Model)	2011 - 2011	-	C/D			Electronic Power Steering
Mazda 5 (10 Model)	2011 - 2011	-	C/D			Electronic Power Steering
Mazda 3	2003 - 2013	-	C/D			Electronic Power Steering
Mazda 3 (09 Model)	2009 - 2010	-	C/D			Electronic Power Steering
Mazda 2	2009 - 2013	-	C/D			Electronic Power Steering
CX-5	2012 - 2013	-	C/D			Electronic Power Steering
CX-7	2007 - 2012	-	C/D			Electronic Power Steering
CX-5	2012 - 2013	-	C/D	•		Front Body Control Module
Mazda 6 (2013)	2013 - 2013	-	C/D	•		Front Body Control Module
Mazda 3 (09 Model)	2009 - 2010	-	C/D		•,P	Fuel Additive Control Module
Mazda 3	2003 - 2013	-	C/D		•,P	Fuel Additive Control Module
Mazda 5	2012 - 2013	-	C/D		•,P	Fuel Additive Control Module
Mazda 5 (11 Model)	2011 - 2011	-	C/D		•,P	Fuel Additive Control Module
Mazda 5 (11 Model)	2011 - 2011	-	C/D			Left Power Sliding Door Module
Mazda 5 (10 Model)	2011 - 2011	-	C/D			Left Power Sliding Door Module
Mazda 5	2005 - 2013	-	C/D			Left Power Sliding Door Module
CX-5	2012 - 2013	-	C/D			Rear Body Control Module
Mazda 6 (2013)	2013 - 2013	-	C/D			Rear Body Control Module
Mazda 6 (4DR/5DR)	2002 - 2007	-	C/D			Remote Keyless Entry
Mazda 6 (Estate)	2002 - 2007	-	C/D			Remote Keyless Entry
MX-5	2006 - 2013	-	C/D			Remote Keyless Entry
RX-8	2003 - 2012	-	C/D			Remote Keyless Entry
MX-5 (05 Model)	2005 - 2005	-	C/D			Remote Keyless Entry
CX-7	2007 - 2012	-	C/D			Remote Keyless Entry
Mazda 2	2009 - 2013	-	C/D	•		Remote Keyless Entry
Mazda 3	2003 - 2013	-	C/D	•		Remote Keyless Entry
Mazda 2 (07 Model)	2007 - 2008	-	C/D	•		Remote Keyless Entry
Mazda 3	2003 - 2009	-	C/D			Remote Keyless Entry
Mazda 3 (09 Model)	2009 - 2010	-	C/D	•		Remote Keyless Entry
Mazda 5	2005 - 2010	-	C/D			Remote Keyless Entry
Mazda 5	2005 - 2013	-	C/D	•		Remote Keyless Entry
Mazda 5 (10 Model)	2011 - 2011	-	C/D			Remote Keyless Entry
Mazda 5 (11 Model)	2011 - 2011	-	C/D	•		Remote Keyless Entry
Mazda 6	2008 - 2013	-	C/D	•		Remote Keyless Entry
Mazda 6 (07 Model)	2007 - 2007	-	C/D	•		Remote Keyless Entry
MX-5 (05 Model)	2005 - 2005	-	C/D			Retractable Hard Top
MX-5	2006 - 2013	-	C/D			Retractable Hard Top
Mazda 5 (11 Model)	2011 - 2011	-	C/D			Right Power Sliding Door Module
Mazda 5 (10 Model)	2011 - 2011	-	C/D			Right Power Sliding Door Module
Mazda 5	2005 - 2013	-	C/D			Right Power Sliding Door Module
Mazda 5	2012 - 2013	-	D		•,R	Tire Pressure Monitoring System
Mazda 5 (11 Model)	2011 - 2011	-	D		•,R	Tire Pressure Monitoring System
Mazda 6 (07 Model)	2007 - 2007	-	D		•,R	Tire Pressure Monitoring System
Mazda 6	2008 - 2013	-	D		•,R	Tire Pressure Monitoring System
Mazda 3 (09 Model)	2009 - 2010	-	D		•,R	Tire Pressure Monitoring System
Mazda 3	2011 - 2013	-	D		•,R	Tire Pressure Monitoring System
CX-7	2007 - 2012	-	C/D		•	Tire Pressure Monitoring System
CX-7	2007 - 2012	-	D		•,R	Tire Pressure Monitoring System
CX-5	2012 - 2013	-	C/D		•,R	Tire Pressure Monitoring System
Mazda 6 (2013)	2013 - 2013	-	C/D		•,R	Tire Pressure Monitoring System

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, H- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, I- Inertia Body Return, JA- Jumper or Type Semi Auto, \*- Other (see table on page 263) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated.

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Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, Jk- Jumper or Type Sent Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

MERCEDES							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
117 (CLA - Class)	2012 - 2013	270.910	1.6L SFI L-L4	MED40	C/D		
117 (CLA - Class)	2012 - 2013	270.920	2.0L SFI L-L4	MED40	C/D		
117 (CLA - Class)	2012 - 2013	651.901	2.2L CDI	CEPC	C/D		
117 (CLA - Class)	2012 - 2013	651.930	2.2L CDI	CEPC	C/D		
124 (E - Class)	1992 - 1993	102.963	2.0L CFI L-L4	_CIS-E_BLINK	C/D		
124 (E - Class)	1992 - 1993	102.982	2.3L CFI L-L4	_CIS-E_BLINK	C/D		
124 (E - Class)	1992 - 1993	103.940	2.6L CFI L-L6	_CIS-E_BLINK	C/D		
124 (E - Class)	1992 - 1993	103.943	2.6L CFI L-L6	_CIS-E_BLINK	C/D		
124 (E - Class)	1992 - 1993	103.980	3.0L CFI L-L6	_CIS-E_BLINK	C/D		
124 (E - Class)	1992 - 1993	103.983	3.0L CFI L-L6	_CIS-E_BLINK	C/D		
124 (E - Class)	1992 - 1993	103.985	3.0L CFI L-L6	_CIS-E_BLINK	C/D		
124 (E - Class)	1992 - 1996	104.942	2.8L SFI L-L6	_HFM	C/D		
124 (E - Class)	1992 - 1993	104.980	3.0L CFI L-L6	_CIS-E_BLINK	C/D		
124 (E - Class)	1992 - 1996	104.992	3.6L SFI L-L6	_HFM	C/D		
124 (E - Class)	1992 - 1996	111.960	2.2L SFI L-L4	_HFM	C/D		
124 (E - Class)	1992 - 1996	119.974	6.0L SFI V-L8	_HFM	C/D		
124 (E - Class)	1992 - 1995	119.975	4.2L SFI V-L8	_LH1	C/D		
124 (E - Class)	1992 - 1995	602.962	2.5L DIE L-L5	_EVE_2	C/D		
124 (E - Class)	1992 - 1996	603.912	3.0L DIE L-L6	_EDS	C/D	•	
124 (E - Class)	1992 - 1996	603.960	3.0L DIE L-L6	_EDS	C/D	•	
124 (E - Class)	1992 - 1996	603.963	3.0L DIE L-L6	_EDS	C/D	•	
124 (E - Class)	1992 - 1996	605.911	2.5L DIE L-L4	_EVE_2	C/D		
124 (E - Class)	1992 - 1995	606.910	3.0L DIE L-L6	_EDS	C/D	•	
129 (SL - Class)	1997 - 2000	104.943	2.8L SFI L-L6	-	C/D		
129 (SL - Class)	1992 - 1997	104.981	3.0L CFI L-L6	_CIS-E_BLINK	C/D		
129 (SL - Class)	1997 - 2000	104.991	3.2L SFI L-L6	-	C/D		
129 (SL - Class)	1998 - 2001	112.923	2.8L SFI V-L6	-	C/D		
129 (SL - Class)	1998 - 2001	112.943	3.2L SFI V-L6	-	C/D		
129 (SL - Class)	1998 - 2001	113.961	5.0L SFI V-L8	-	C/D		
129 (SL - Class)	1992 - 1998	119.960	5.0L CFI V-L8	_CIS-E_BLINK	C/D		
129 (SL - Class)	1992 - 2000	119.972	6.0L SFI V-L8	_LH1	C/D		
129 (SL - Class)	1992 - 2000	119.982	5.0L SFI V-L8	_ME1_02	C/D		
129 (SL - Class)	1992 - 1995	120.981	6.0L SFI V-L12	_MSM2	C/D		
129 (SL - Class)	1992 - 2001	120.983	6.0L SFI V-L12	_ME1X_03	C/D		
140 (S/CL - Class)	1993 - 1996	104.943	2.8L SFI L-L6	_MSM2	C/D		
140 (S/CL - Class)	1993 - 1994	104.990	3.2L SFI L-L6	_MSM2	C/D		
140 (S/CL - Class)	1992 - 1994	104.994	3.2L SFI L-L6	_MSM2	C/D		
140 (S/CL - Class)	1992 - 1998	119.970	5.0L SFI V-L8	_LH1	C/D		
140 (S/CL - Class)	1992 - 1998	119.971	4.2L SFI V-L8	_LH1	C/D		
140 (S/CL - Class)	1993 - 1999	119.980	5.0L SFI V-L8	_ME1_02	C/D		
140 (S/CL - Class)	1997 - 1999	119.981	4.2L SFI V-L8	_ME1_02	C/D		
140 (S/CL - Class)	1997 - 1998	120.980	6.0L SFI V-L12	_ME1_02	C/D		
140 (S/CL - Class)	1993 - 1999	120.982	6.0L SFI V-L12	_ME1X_03	C/D		
140 (S/CL - Class)	1992 - 1998	603.971	3.5L DIE L-L6	_EVE_2	C/D		
140 (S/CL - Class)	1993 - 1998	606.961	3.0L DIE L-L6	_EVE_2	C/D		
140 (S/CL - Class)	1993 - 1998	606.962	3.0L DIE L-L6	_EVE_2	C/D		
163 (M - Class)	1998 - 2000	111.977	2.3L SFI L-L4	_ME2_M113	C/D	•	
163 (M - Class)	1998 - 2006	112.942	3.2L SFI V-L6	_ME28_M112_AMG	C/D		
163 (M - Class)	2002 - 2006	112.970	3.7L SFI V-L6	_ME28_M112_AMG	C/D		
163 (M - Class)	1998 - 2001	113.942	4.3L SFI V-L8	_ME28_M113_AMG	C/D		
163 (M - Class)	2001 - 2006	113.965	5.0L SFI V-L8	_ME28_M113_AMG	C/D		
163 (M - Class)	1998 - 2002	113.981	5.5L SFI V-L8	_ME28_M113_AMG	C/D		
163 (M - Class)	1998 - 2006	612.963	2.7L CDI L-L5	_CDI3_UP	C/D	•	RA
163 (M - Class)	2001 - 2004	628.963	4L CDI L-V8	_CDIV1	C/D		
164 (GL - Class)	2006 - 2012	273.923	4.6L SFI-V8 4Matic	ME97 (V8)	C/D	•	*T
164 (GL - Class)	2006 - 2012	273.963	5.5L SFI-V8 4Matic	ME97 (V8)	C/D	•	*T
164 (GL - Class)	2006 - 2012	629.912	4.0L CDI-V8 4Matic	CDI_5	C/D		
164 (GL - Class)	2009 - 2012	642.820	3.0L CDI V-V6 4Matic	CR60LS_Diag_30..34	C/D	•	*I

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Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
164 (GL - Class)	2006 - 2012	642.940	3.0L CDI V-V6	CR60LS_Diag_30..34	C/D	•	*I
164 (M - Class)	2006 - 2012	113.964	5.0L SFI-V8 4Matic	_ME28_M113_AMG	C/D		
164 (M - Class)	2006 - 2012	156.980	6.2L AMG V-V8	ME97	C/D	•	*T
164 (M - Class)	2010 - 2012	272.945	3.0L V6	ME97 (V8)	C/D	•	*T
164 (M - Class)	2006 - 2012	272.967	3.5L SFI-V6 4Matic	ME97 (V8)	C/D	•	*T
164 (M - Class)	2006 - 2012	273.943	5.5L SFI-V8 4Matic	ME97 (V8)	C/D	•	*T
164 (M - Class)	2006 - 2012	273.963	5.5L SFI-V8 4Matic	ME97 (V8)	C/D	•	*T
164 (M - Class)	2006 - 2012	629.912	4.0L CDI-V8 4Matic	CDI_5	C/D		
164 (M - Class)	2008 - 2012	642.820	3.0L CDI-V6 4Matic	CR60LS_Diag_30..34	C/D	•	*I
164 (M - Class)	2008 - 2012	642.870	3.0L CDI-V6 4Matic	CR60LS_Diag_30..34	C/D	•	*I
164 (M - Class)	2006 - 2012	642.940	3.0L CDI-V6 4Matic	CR60LS_Diag_30..34	C/D	•	*I
166 (GL - Class)	2012 - 2013	157.982	5.5L V8 4Matic	M278LA_VC11	C/D		
166 (GL - Class)	2012 - 2013	278.928	4.7L V8 4Matic	M278LA_VC11	C/D		
166 (GL - Class)	2012 - 2013	642.826	3.0L CDI-V6 4Matic	CR60LS_Diag_30..34	C/D	•	*I
166 (ML - Class)	2012 - 2013	157.982	5.5L V8 4Matic	M278LA_VC11	C/D		
166 (ML - Class)	2013 - 2013	276.821	3.5L V6 4Matic	M278LA_VC11	C/D		
166 (ML - Class)	2013 - 2013	276.925	3.5L V6 4Matic	M278LA_VC11	C/D		
166 (ML - Class)	2011 - 2013	276.955	3.5L V6 4Matic	M278LA_VC11	C/D		
166 (ML - Class)	2012 - 2013	278.928	4.7L V8 4Matic	M278LA_VC11	C/D		
166 (ML - Class)	2011 - 2013	642.826	3.0L CDI-V6 4Matic	CR60LS_Diag_30..34	C/D	•	*I
166 (ML - Class)	2012 - 2013	651.960	2.2L CDI 4Matic	CDI_D3_002130	C/D		
168 (A - Class)	1998 - 2005	166.940	1.4L SFI T-L4	_MSM2	C/D		
168 (A - Class)	1998 - 2005	166.960	1.6L SFI T-L4	_MSM2	C/D		
168 (A - Class)	1998 - 2005	166.990	1.9L SFI T-L4	_MSM2	C/D		
168 (A - Class)	2002 - 2005	166.995	2.1L SFI T-L4	_MSM2	C/D		
168 (A - Class)	2001 - 2002	668.940	1.6L CDI T-L4	_CDI3_UP	C/D	•	RA
168 (A - Class)	1998 - 2000	668.941	1.6L CDI T-L4	_CDI3_UP	C/D	•	RA
168 (A - Class)	2001 - 2005	668.942	1.7L CDI T-L4	_CDI3_UP	C/D	•	RA
169 (A - Class)	2005 - 2007	226.920	1.5L L-L4	SIM 266	C/D		
169 (A - Class)	2005 - 2012	266.920	1.5L L-L4	SIM 266	C/D		
169 (A - Class)	2005 - 2012	266.940	1.7L L-L4	SIM 266	C/D		
169 (A - Class)	2005 - 2012	266.960	2.0L L-L4	SIM 266	C/D		
169 (A - Class)	2005 - 2012	266.980	2.0L Turbo	SIM 266	C/D		
169 (A - Class)	2005 - 2012	640.940	2.0L CDI L-L4	CDI4EU5	C/D		
169 (A - Class)	2005 - 2012	640.941	2.0L CDI L-L4	CDI4EU5	C/D		
169 (A - Class)	2005 - 2012	640.942	2.0L CDI L-L4	CDI4EU5	C/D		
169 (A - Class)	2005 - 2012	640.960	2.0L L-L4	SIM 266	C/D		
170 (SLK - Class)	1996 - 2001	111.943	2.0L SFI L-L4	_ME2_M113	C/D	•	
170 (SLK - Class)	1998 - 2001	111.946	2.0L SFI L-L4	_MSM2	C/D		
170 (SLK - Class)	1999 - 2005	111.958	2.0L SFI L-L4	_SIM4LSE	C/D	•	RA
170 (SLK - Class)	2001 - 2001	111.973	2.3L SFI L-L4	_SIM4LSE	C/D	•	RA
170 (SLK - Class)	2002 - 2005	111.983	2.3L SFI L-L4	_SIM4LSE	C/D	•	RA
170 (SLK - Class)	2000 - 2005	112.947	3.2L SFI V-L6	_ME28_M112_AMG	C/D		
170 (SLK - Class)	2002 - 2005	112.960	3.2L SFI V-L6	_ME28_M112_AMG	C/D		
171 (SLK - Class)	2005 - 2011	113.989	5.5L V8 AMG	_ME28_M113_AMG	C/D		
171 (SLK - Class)	2004 - 2011	271.944	1.8L SFI L-L4	_SIM4LSE	C/D	•	RA
171 (SLK - Class)	2006 - 2011	271.954	1.8L SFI L-L4	_SIM4LSE	C/D	•	RA
171 (SLK - Class)	2006 - 2011	272.942	3.0L SFI V-L6	ME97 (V8)	C/D	•	*T
171 (SLK - Class)	2006 - 2011	272.963	3.5L SFI V-L6	ME97 (V8)	C/D	•	*T
171 (SLK - Class)	2007 - 2011	272.969	3.5L SFI V-L6	ME97 (V8)	C/D	•	*T
172 (SLK - Class)	2011 - 2013	271.861	1.8L SFI L-L4	SIM271DE20	C/D	•	
172 (SLK - Class)	2011 - 2013	276.956	3.5L V-V6 CGI	M278LA_VC11	C/D		
172 (SLK - Class)	2011 - 2013	651.980	2.2L CDI	CDI_D3_002130	C/D		
176 (A - Class)	2012 - 2013	270.910	1.6L SFI L-L4	MED40	C/D		
176 (A - Class)	2012 - 2013	270.920	2.0L SFI L-L4	MED40	C/D		
176 (A - Class)	2012 - 2013	607.951	1.5L CDI	CRR1	C/D		
176 (A - Class)	2012 - 2013	651.901	1.8L CDI	CEPC	C/D		
176 (A - Class)	2012 - 2013	651.930	2.2L CDI	CEPC	C/D		
197 (SLS - Class)	2009 - 2013	159.980	6.2L SFI V-V8	ME97	C/D	•	*T

# Engine Management Applications

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Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
199 (SLR - Class)	2005 - 2010	155.980	5.5L SLR V8 KOMP	_ME28_M155	C/D		
201 (190 - Class)	1992 - 1993	602.911	2.5L DIE L-L5	_EDS	C/D	•	
201 (190 - Class)	1994 - 1996	602.961	2.5L DIE L-L5	EDS	C/D	•	
202 (C - Class)	1993 - 2000	104.941	3.6L SFI L-L6	_ME2_M113	C/D	•	
202 (C - Class)	1993 - 2000	111.921	1.8L SFI L-L4	_ME2_M113	C/D	•	
202 (C - Class)	1993 - 2000	111.944	2.0L SFI L-L4	_ME2_M113	C/D	•	
202 (C - Class)	2001 - 2001	111.945	2.0L SFI L-L4	_SIM4LSE	C/D	•	RA
202 (C - Class)	2001 - 2001	111.952	2.0L SFI L-L4	_SIM4LSE	C/D	•	RA
202 (C - Class)	1993 - 2000	111.961	2.2L SFI L-L4	_ME2_M113	C/D	•	
202 (C - Class)	1995 - 2000	111.974	2.3L SFI L-L4	_ME2_M113	C/D	•	
202 (C - Class)	1995 - 2000	111.975	2.3L SFI L-L4	_ME2_M113	C/D	•	
202 (C - Class)	1995 - 2000	111.979	2.3L SFI L-L4	_ME2_M113	C/D	•	
202 (C - Class)	1998 - 2001	112.910	2.4L SFI V-L6	_ME28_M112_AMG	C/D		
202 (C - Class)	2001 - 2001	112.915	2.4L SFI V-L6	_ME28_M112_AMG	C/D		
202 (C - Class)	1997 - 2000	112.920	2.8L SFI V-L6	_ME28_M112_AMG	C/D		
202 (C - Class)	1998 - 2000	113.942	4.3L SFI V-L8	_ME28_M113_AMG	C/D		
202 (C - Class)	1993 - 2000	601.913	2.0L DIE L-L4	_EVE_2	C/D		
202 (C - Class)	1993 - 2000	604.910	2.2L DIE L-L4	_EVE_2	C/D		
202 (C - Class)	1995 - 2000	604.915	2.0L DIE L-L4	_EVE_2	C/D		
202 (C - Class)	1993 - 2000	605.910	2.5L DIE L-L4	_EVE_2	C/D		
202 (C - Class)	1995 - 2000	605.960	2.5L DIE L-L4	_EVE_2	C/D		
202 (C - Class)	1998 - 2001	611.960	2.2L CDI L-L4	_CDI3_UP	C/D	•	RA
203 (C - Class)	2001 - 2007	111.951	1.8L SFI L-L4	_SIM4LSE	C/D	•	RA
203 (C - Class)	2000 - 2007	111.955	2.0L SFI L-L4	_SIM4LSE	C/D	•	RA
203 (C - Class)	2001 - 2007	111.981	2.3L SFI L-L4	_SIM4LSE	C/D	•	RA
203 (C - Class)	2006 - 2007	112.912	2.6L AMG V-V6	_ME28_M112_AMG	C/D		
203 (C - Class)	2006 - 2007	112.916	2.6L AMG V-V6	_ME28_M112_AMG	C/D		
203 (C - Class)	2006 - 2007	112.942	3.2L AMG V-V6	_ME28_M112_AMG	C/D		
203 (C - Class)	2006 - 2007	112.946	3.2L AMG V-V6	_ME28_M112_AMG	C/D		
203 (C - Class)	2006 - 2007	112.953	3.2L AMG V-V6	_ME28_M112_AMG	C/D		
203 (C - Class)	2006 - 2007	112.961	3.2L AMG V-V6	_ME28_M112_AMG	C/D		
203 (C - Class)	2006 - 2007	113.988	5.5L AMG V-V8	_ME28_M113_AMG	C/D		
203 (C - Class)	2006 - 2007	271.921	1.8L SFI L-L4	_SIM4LSE	C/D	•	RA
203 (C - Class)	2002 - 2007	271.940	2.0L SFI L-L4	_SIM4LSE	C/D	•	RA
203 (C - Class)	2002 - 2005	271.941	2.0L SFI L-L4	_SIM4LSE	C/D	•	RA
203 (C - Class)	2006 - 2007	271.942	2.0L CGI L-L4	_SIM4LSE	C/D	•	RA
203 (C - Class)	2002 - 2007	271.946	1.8L SFI L-L4	_SIM4LSE	C/D	•	RA
203 (C - Class)	2002 - 2007	271.948	1.8L SFI L-L4	_SIM4LSE	C/D	•	RA
203 (C - Class)	2006 - 2007	272.920	2.5L SFI V-V6	ME97 (V8)	C/D	•	*T
203 (C - Class)	2006 - 2007	272.940	3.0L SFI V-V6	ME97 (V8)	C/D	•	*T
203 (C - Class)	2006 - 2007	272.941	3.0L SFI V-V6 4Matic	ME97 (V8)	C/D	•	*T
203 (C - Class)	2006 - 2007	272.960	3.5L SFI V-V6	ME97 (V8)	C/D	•	*T
203 (C - Class)	2006 - 2007	272.970	3.5L SFI V-V6 4Matic	ME97 (V8)	C/D	•	*T
203 (C - Class)	2005 - 2007	611.962	2.2L CDI L-L4	_CDI3_UP (EU4)	C/D	•	RA
203 (C - Class)	2000 - 2001	611.980	2.2L CDI L-L4	_CDI3_UP	C/D	•	RA
203 (C - Class)	2005 - 2007	612.962	2.7L CDI L-L5	_CDI3_UP (EU4)	C/D	•	RA
203 (C - Class)	2005 - 2007	612.990	3.0L CDI L-L5	_CDI3_UP (EU4)	C/D	•	RA
203 (C - Class)	2006 - 2007	642.910	3.0L CDI V-V6	CR60LS_Diag_30_34	C/D	•	*I
203 (C - Class)	2005 - 2007	646.962	2.2L CDI L-L4	_CDI3_UP (EU4)	C/D	•	RA
203 (C - Class)	2005 - 2007	646.963	2.2L CDI L-L4	_CDI3_UP (EU4)	C/D	•	RA
203 (CLC - Class)	2008 - 2011	271.946	1.8L SFI L-L4	_SIM4LSE	C/D	•	RA
203 (CLC - Class)	2008 - 2011	271.957	2.0L SFI L-L4	_SIM4LSE	C/D	•	RA
203 (CLC - Class)	2010 - 2011	272.920	2.5L SFI V-V6	MED 97	C/D	•	*T
203 (CLC - Class)	2008 - 2009	272.960	3.5L SFI V-V6	ME97 (V8)	C/D	•	*T
203 (CLC - Class)	2008 - 2011	646.962	2.2L CDI L-L4	_CDI3_UP (EU4)	C/D	•	RA
203 (CLC - Class)	2008 - 2011	Blue EF	1.6L SFI-L4	SIM271KE20	C/D	•	
204 (C - Class)	2007 - 2013	156.985	6.2L V8 AMG	ME97 (V8)	C/D	•	*T
204 (C - Class)	2010 - 2013	271.820	1.8L CGI L-L4	SIM271DE20	C/D	•	
204 (C - Class)	2009 - 2013	271.860	1.8L CGI L-L4	SIM271DE20	C/D	•	

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Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
204 (C - Class)	2007 - 2013	271.910	1.6L SFI-L4	SIM271KE20	C/D	•	•
204 (C - Class)	2007 - 2013	271.950	1.8L SFI-L4	SIM271KE20	C/D	•	•
204 (C - Class)	2008 - 2013	271.952	1.8L SFI L-L4	SIM271KE20	C/D	•	•
204 (C - Class)	2007 - 2013	272.911	2.5L SFI-V6 4Matic	ME97 (V8)	C/D	•	*T
204 (C - Class)	2007 - 2013	272.921	3.0L SFI-V6	ME97 (V8)	C/D	•	*T
204 (C - Class)	2007 - 2013	272.947	3.0L SFI-V6	ME97 (V8)	C/D	•	*T
204 (C - Class)	2007 - 2013	272.948	3.0L SFI-V6 4Matic	ME97 (V8)	C/D	•	*T
204 (C - Class)	2007 - 2013	272.952	1.8L SFI L-L4	SIM271KE20	C/D	•	•
204 (C - Class)	2007 - 2013	272.960	3.5L SFI-V6	ME97 (V8)	C/D	•	*T
204 (C - Class)	2007 - 2013	272.961	3.5L SFI-V6	ME97 (V8)	C/D	•	*T
204 (C - Class)	2007 - 2013	272.971	3.5L SFI-V6 4Matic	ME97 (V8)	C/D	•	*T
204 (C - Class)	2007 - 2013	272.982	3.5L SFI-V6	MED 97	C/D	•	*T
204 (C - Class)	2012 - 2013	274.910	1.8L SFI-L4	MED40	C/D		
204 (C - Class)	2011 - 2013	276.952	3.5L V6 CGI	M278LA_VC11	C/D		
204 (C - Class)	2011 - 2013	276.957	3.5L V6 4Matic	M278LA_VC11	C/D		
204 (C - Class)	2010 - 2013	642.830	3.0L CDI V-V6	CR60LS_Diag_30_34	C/D	•	*I
204 (C - Class)	2010 - 2013	642.832	3.0L CDI V-V6	CR60LS_Diag_30_34	C/D	•	*I
204 (C - Class)	2010 - 2013	642.834	3.0L CDI V-V6	CR60LS_Diag_30_34	C/D	•	*I
204 (C - Class)	2010 - 2013	642.835	3.0L CDI V-V6	CR60LS_Diag_30_34	C/D	•	*I
204 (C - Class)	2007 - 2013	642.960	3.0L CDI-V6	CR60LS_Diag_30_34	C/D	•	*I
204 (C - Class)	2007 - 2013	642.961	3.0L CDI-V6 4Matic	CR60LS_Diag_30_34	C/D	•	*I
204 (C - Class)	2007 - 2013	646.810	2.2L CDI L-L4	CDI_D	C/D	•	*I
204 (C - Class)	2007 - 2013	646.811	2.2L CDI L-L4	CDI_D	C/D	•	*I
204 (C - Class)	2007 - 2013	651.911	2.2L CDI 4Matic	CDI_D3_NFZ	C/D		
204 (C - Class)	2009 - 2013	651.912	2.2L CDI 4Matic	CDI_D3_NFZ	C/D		
204 (C - Class)	2009 - 2013	651.913	2.2L CDI	CDI_D3_NFZ	C/D		
204 (C - Class)	2007 - 2013	Blue EF	1.6L SFI-L4	SIM271KE20	C/D	•	•
204 (GLK - Class)	2010 - 2013	272.948	3.0L SFI-V6 4Matic	ME97 (V8)	C/D	•	*T
204 (GLK - Class)	2008 - 2013	272.971	3.5L SFI-V6 4Matic	ME97 (V8)	C/D	•	*T
204 (GLK - Class)	2008 - 2009	272.981	3.0L SFI-V6 4Matic	ME97 (V8)	C/D	•	*T
204 (GLK - Class)	2012 - 2013	276.957	3.5L SFI-V6 4Matic	M278LA_VC11	C/D		
204 (GLK - Class)	2010 - 2013	642.832	3.0L CDI V-V6	CR60LS_Diag_30_34	C/D	•	*I
204 (GLK - Class)	2008 - 2013	642.961	3.0L CDI-V6 4Matic	CR60LS_Diag_30_34	C/D	•	*I
204 (GLK - Class)	2013 - 2013	651.912	2.2L CDI	CDI_D3_NFZ	C/D		
204 (GLK - Class)	2010 - 2013	651.913	2.2L CDI	CDI_D3_NFZ	C/D		
204 (GLK - Class)	2008 - 2013	651.916	2.2L CDI	CDI_D3_NFZ	C/D		
207 (E - Coupe)	2009 - 2013	271.860	1.8L CGI L-L4	SIM271DE20	C/D	•	
207 (E - Coupe)	2009 - 2013	272.961	3.5L SFI V-V6	ME97 (V8)	C/D	•	*T
207 (E - Coupe)	2009 - 2013	272.984	3.5L V-V6 CGI	MED 97	C/D	•	*T
207 (E - Coupe)	2010 - 2013	272.988	3.5L SFI V-V6	ME97 (V8)	C/D	•	*T
207 (E - Coupe)	2009 - 2013	273.966	5.5L V-V8	ME97 (V8)	C/D	•	*T
207 (E - Coupe)	2011 - 2013	276.957	3.5L V6	M278LA_VC11	C/D		
207 (E - Coupe)	2011 - 2013	278.922	4.7L V8	M278LA_VC11	C/D		
207 (E - Coupe)	2009 - 2013	642.836	3.0L V6 CDI	CR60LS_Diag_30_34	C/D	•	*I
207 (E - Coupe)	2011 - 2013	642.838	3.0L V6 CDI	CR60LS_Diag_30_34	C/D	•	*I
207 (E - Coupe)	2009 - 2013	651.911	2.2L CDI	CDI_D3_NFZ	C/D		
208 (CLK - Class)	1998 - 2000	111.944	2.0L SFI L-L4	_ME2_M113	C/D	•	
208 (CLK - Class)	1998 - 2000	111.945	2.0L SFI L-L4	_ME2_M113	C/D	•	
208 (CLK - Class)	2001 - 2002	111.956	2.0L SFI L-L4	_SIM4LSE	C/D	•	RA
208 (CLK - Class)	1997 - 2000	111.975	2.3L SFI L-L4	_ME2_M113	C/D	•	
208 (CLK - Class)	2001 - 2003	111.982	2.3L SFI L-L4	_SIM4LSE	C/D	•	RA
208 (CLK - Class)	1997 - 2002	112.940	3.2L SFI V-L6	_ME28_M112_AMG	C/D		
208 (CLK - Class)	1998 - 2002	113.943	4.3L SFI V-L8	_ME28_M113_AMG	C/D		
208 (CLK - Class)	2001 - 2002	113.984	5.5L AMG SFI V-L8	_ME28_M113_AMG	C/D		
209 (CLK - Class)	2006 - 2011	112.910	2.4L SFI V-V6	_ME28_M112_AMG	C/D		
209 (CLK - Class)	2006 - 2011	112.912	2.6L AMG V-V6	_ME28_M112_AMG	C/D		
209 (CLK - Class)	2002 - 2005	112.941	3.2L SFI V-L6	_ME28_M112_AMG	C/D		
209 (CLK - Class)	2006 - 2011	112.955	3.2L SFI V-V6	_ME28_M112_AMG	C/D		
209 (CLK - Class)	2002 - 2011	113.968	5.0L SFI V-L8	_ME28_M113_AMG	C/D		

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, A- Type of Motor or Type of Sensor, \*- Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

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 Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, A- Air Tyre Monitor or Tyre Sensor Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

MERCEDES								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
209 (CLK - Class)	2006 - 2011	113.987	5.5L AMG V-V8	_ME28_M113_AMG	C/D			
209 (CLK - Class)	2006 - 2011	156.982	6.2L AMG V-V8	ME97	C/D	•	*T	
209 (CLK - Class)	2002 - 2011	271.940	2.0L SFI L-L4	_SIM4LSE	C/D	•	RA	
209 (CLK - Class)	2006 - 2011	271.942	1.8L KOMP L-L4 CGI	_SIM4LSE	C/D	•	RA	
209 (CLK - Class)	2006 - 2011	271.955	1.8L SFI L-L4	_SIM4LSE	C/D	•	RA	
209 (CLK - Class)	2006 - 2011	272.940	3.0L SFI V-V6	ME97 (V8)	C/D	•	*T	
209 (CLK - Class)	2006 - 2011	272.946	3.5L SFI V-V6	ME97 (V8)	C/D	•	*T	
209 (CLK - Class)	2006 - 2011	272.960	3.5L SFI V-V6	ME97 (V8)	C/D	•	*T	
209 (CLK - Class)	2006 - 2011	272.967	3.5L V6 4Matic	ME97 (V8)	C/D	•	*T	
209 (CLK - Class)	2006 - 2011	273.967	5.5L SFI-V6 4Matic	ME97 (V8)	C/D	•	*T	
209 (CLK - Class)	2004 - 2011	612.967	2.7L CDI L-L5	_CDI3_UP (EU4)	C/D	•	RA	
209 (CLK - Class)	2006 - 2011	642.910	3.0L V6 CDI	CR60LS_Diag_30..34	C/D	•	*I	
209 (CLK - Class)	2006 - 2011	646.963	2.2L CDI L-L4	_CDI3_UP (EU4)	C/D	•	RA	
210 (E - Class)	1995 - 2000	104.945	2.8L SFI L-L6	_MSM2	C/D			
210 (E - Class)	1995 - 2000	104.995	3.2L SFI L-L6	_MSM2	C/D			
210 (E - Class)	1995 - 2000	111.942	2.0L SFI L-L4	_MSM2	C/D			
210 (E - Class)	1997 - 2000	111.947	2.0L SFI L-L4	_MSM2	C/D			
210 (E - Class)	2001 - 2002	111.957	2.0L SFI L-L4	_SIM4LSE	C/D	•	RA	
210 (E - Class)	1995 - 2000	111.970	2.3L SFI L-L4	_MSM2	C/D			
210 (E - Class)	1998 - 2002	112.911	2.4L SFI V-V6	_ME28_M112_AMG	C/D			
210 (E - Class)	2000 - 2000	112.914	2.6L SFI V-V6	_ME28_M112_AMG	C/D			
210 (E - Class)	1997 - 2002	112.921	2.8L SFI V-V6	_ME28_M112_AMG	C/D			
210 (E - Class)	1997 - 2002	112.941	3.2L SFI V-V6	_ME28_M112_AMG	C/D			
210 (E - Class)	1998 - 2002	113.940	4.3L SFI L-V8	_ME28_M113_AMG	C/D			
210 (E - Class)	2001 - 2002	113.980	5.5L AMG SFI L-V8	_ME28_M113_AMG	C/D			
210 (E - Class)	1995 - 2000	119.980	5.0L SFI L-V8	_ME1X_03	C/D			
210 (E - Class)	1995 - 2000	119.985	4.2L SFI L-V8	_ME1X_03	C/D			
210 (E - Class)	1995 - 2000	602.982	2.9L DIE L-L5	_EVE_2	C/D			
210 (E - Class)	1995 - 2000	604.912	2.2L DIE L-L4	_EVE_2	C/D			
210 (E - Class)	1995 - 2000	604.917	2.0L DIE L-L4	_EVE_2	C/D			
210 (E - Class)	1995 - 2000	605.912	2.5L DIE L-L4	_EVE_2	C/D			
210 (E - Class)	1998 - 2000	605.962	2.5L DIE L-L4	_EVE_2	C/D			
210 (E - Class)	1995 - 2000	606.912	3.0L DIE L-L6	_EVE_2	C/D			
210 (E - Class)	1995 - 2000	606.961	3.0L DIE L-L6	_EVE_2	C/D			
210 (E - Class)	1995 - 2000	606.962	3.0L DIE L-L6	_EVE_2	C/D			
210 (E - Class)	1998 - 2000	611.960	2.2L CDI L-L4	_CDI3_UP	C/D	•	RA	
210 (E - Class)	1998 - 2002	611.961	2.2L CDI L-L4	_CDI3_UP	C/D	•	RA	
210 (E - Class)	1998 - 2002	611.962	2.2L CDI L-L4	_CDI3_UP	C/D	•	RA	
210 (E - Class)	1998 - 2002	612.961	2.7L CDI L-L5	_CDI3_UP	C/D	•	RA	
210 (E - Class)	1998 - 2000	612.962	2.7L CDI L-L5	_CDI3_UP	C/D	•	RA	
210 (E - Class)	1998 - 2002	613.961	3.2L CDI L-L6	_CDI3_UP	C/D	•	RA	
211 (E - Class)	2004 - 2006	112.913	2.4L SFI V-V6	_ME28_M112_AMG	C/D			
211 (E - Class)	2004 - 2006	112.917	2.6L SFI L-V6 4Matic	_ME28_M112_AMG	C/D			
211 (E - Class)	2002 - 2006	112.949	3.2L SFI V-V6	_ME28_M112_AMG	C/D			
211 (E - Class)	2004 - 2006	112.954	3.2L SFI L-V6 4Matic	_ME28_M112_AMG	C/D			
211 (E - Class)	2002 - 2006	113.967	5.0L SFI L-V8	_ME28_M113_AMG	C/D			
211 (E - Class)	2002 - 2006	113.969	5.0L SFI L-V8	_ME28_M113_AMG	C/D			
211 (E - Class)	2004 - 2006	113.990	5.5L V8 AMG KOMP	_ME28_M113_AMG	C/D			
211 (E - Class)	2004 - 2011	156.983	6.3L AMG V-V8	ME97	C/D	•	*T	
211 (E - Class)	2004 - 2006	271.941	2.0L SFI L-L4	_SIM4LSE	C/D	•	RA	
211 (E - Class)	2006 - 2011	271.943	1.8L SFI L-L4 CGI	_SIM4LSE	C/D	•	RA	
211 (E - Class)	2007 - 2011	271.956	2.0L SFI L-L4	_SIM4LSE	C/D	•	RA	
211 (E - Class)	2004 - 2011	272.922	2.5L SFI V-V6	ME97 (V8)	C/D	•	*T	
211 (E - Class)	2004 - 2011	272.943	3.0L SFI V-V6	ME97 (V8)	C/D	•	*T	
211 (E - Class)	2004 - 2011	272.964	3.5L SFI L-V6	ME97 (V8)	C/D	•	*T	
211 (E - Class)	2004 - 2011	272.972	3.5L SFI V-V6 4Matic	ME97 (V8)	C/D	•	*T	
211 (E - Class)	2009 - 2011	272.985	3.5L V6 CGI	MED 97	C/D	•	*T	
211 (E - Class)	2004 - 2011	273.960	5.5L SFI L-V8	ME97 (V8)	C/D	•	*T	
211 (E - Class)	2004 - 2011	273.962	4.5L SFI L-V8 4Matic	ME97 (V8)	C/D	•	*T	

MERCEDES								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
211 (E - Class)	2004 - 2006	628.961	4.0L CDI L-V8	_CDI3_UP (EU4)	C/D	•	RA	
211 (E - Class)	2006 - 2011	629.910	4.0L CDI V-V8	_CDI_5	C/D			
211 (E - Class)	2010 - 2010	642.820	2.2L CDI L-L4	CR60LS_Diag_30..34	C/D	•	*I	
211 (E - Class)	2004 - 2011	642.920	3.0L CDI L-V6	CR60LS_Diag_30..34	C/D	•	*I	
211 (E - Class)	2004 - 2011	642.921	3.0L CDI L-V6 4Matic	CR60LS_Diag_30..34	C/D	•	*I	
211 (E - Class)	2007 - 2011	646.821	2.2L CDI L-L4	_CDI_D	C/D	•	*I	
211 (E - Class)	2002 - 2006	646.951	2.2L CDI L-L4	_CDI3_UP (EU4)	C/D	•	RA	
211 (E - Class)	2002 - 2006	646.961	2.2L CDI L-L4	_CDI3_UP (EU4)	C/D	•	RA	
211 (E - Class)	2002 - 2006	647.961	2.7L CDI L-L5	_CDI3_UP (EU4)	C/D	•	RA	
211 (E - Class)	2004 - 2006	648.961	3.2L CDI L-L6	_CDI3_UP (EU4)	C/D	•	RA	
212 (E - Class)	2009 - 2013	156.985	6.2L AMG V-V8	ME97	C/D	•	*T	
212 (E - Class)	2011 - 2013	157.981	5.5L V8 AMG	M278LA_VC11	C/D			
212 (E - Class)	2009 - 2009	271.820	1.8L CGI L-L4	SIM271DE20	C/D	•		
212 (E - Class)	2009 - 2013	271.860	1.8L CGI L-L4	SIM271DE20	C/D	•		
212 (E - Class)	2010 - 2013	271.958	1.8L CGI L-L4	SIM271DE20	C/D	•		
212 (E - Class)	2010 - 2013	272.923	3.0L SFI V-V6	ME97 (V8)	C/D	•	*T	
212 (E - Class)	2010 - 2013	272.952	3.0L SFI V-V6	ME97 (V8)	C/D	•	*T	
212 (E - Class)	2009 - 2013	272.977	3.5L SFI-V6 4Matic	ME97 (V8)	C/D	•	*T	
212 (E - Class)	2009 - 2013	272.980	3.5L SFI V-V6	ME97 (V8)	C/D	•	*T	
212 (E - Class)	2009 - 2013	272.983	3.5L V-V6 CGI	MED 97	C/D	•	*T	
212 (E - Class)	2009 - 2013	273.970	5.5L SFI-V8 4Matic	ME97 (V8)	C/D	•	*T	
212 (E - Class)	2010 - 2013	273.971	5.5L SFI-V8 4Matic	ME97 (V8)	C/D	•	*T	
212 (E - Class)	2011 - 2013	276.952	3.5L V-V6 CGI	M278LA_VC11	C/D			
212 (E - Class)	2011 - 2013	278.922	4.7L V8 4Matic	M278LA_VC11	C/D			
212 (E - Class)	2009 - 2013	642.850	3.0L V6 CDI 4Matic	CR60LS_Diag_30..34	C/D	•	*I	
212 (E - Class)	2010 - 2013	642.852	3.0L V6 CDI	CR60LS_Diag_30..34	C/D	•	*I	
212 (E - Class)	2010 - 2013	642.853	3.0L V6 CDI	CR60LS_Diag_30..34	C/D	•	*I	
212 (E - Class)	2010 - 2013	642.858	3.0L V6 CDI 4Matic	CR60LS_Diag_30..34	C/D	•	*I	
212 (E - Class)	2009 - 2013	651.924	2.2L CDI	_CDI_D3_NFZ	C/D			
212 (E - Class)	2009 - 2013	651.925	2.2L CDI	_CDI_D3_NFZ	C/D			
215 (CL - Class)	1999 - 2006	113.960	5.0L SFI L-V8	_ME28_M113_AMG	C/D			
215 (CL - Class)	1999 - 2006	113.986	5.5L AMG L-V8	_ME28_M113_AMG	C/D			
215 (CL - Class)	1995 - 2005	113.991	5.5L AMG L-V8	_ME28_M113_AMG	C/D			
215 (CL - Class)	1999 - 2006	137.970	5.5L V-V12	_ME2.7.1	C/D			
215 (CL - Class)	2003 - 2006	275.950	5.5L V-V12	_ME2.7.1	C/D			
215 (CL - Class)	2003 - 2006	275.980	5.5L V-V12	_ME2.7.1	C/D			
216 (CL - Class)	2007 - 2013	156.984	6.2L V8 AMG	ME97	C/D	•	*T	
216 (CL - Class)	2011 - 2013	157.980	5.5L V8 AMG	M278LA_VC11	C/D			
216 (CL - Class)	2007 - 2013	273.961	5.5L V8	ME97 (V8)	C/D	•	*T	
216 (CL - Class)	2007 - 2013	273.968	5.5L V8	ME97 (V8)	C/D	•	*T	
216 (CL - Class)	2008 - 2013	275.953	5.5L V12	ME 2.7.2	C/D			
216 (CL - Class)	2007 - 2013	275.982	6.0L V12 Bi-Turbo	ME 2.7.2	C/D			
216 (CL - Class)	2011 - 2013	278.920	4.7L V8 CGI	M278LA_VC11	C/D			
218 (CLS - Class)	2011 - 2013	157.981	5.5L V-V8	M278LA_VC11	C/D			
218 (CLS - Class)	2011 - 2013	276.952	3.5L V-V6 CGI	M278LA_VC11	C/D			
218 (CLS - Class)	2011 - 2013	278.922	4.7L V-V8 CGI	M278LA_VC11	C/D			
218 (CLS - Class)	2011 - 2013	642.853	3.0L V6 CDI	CR60LS_Diag_30..34	C/D	•	*I	
218 (CLS - Class)	2011 - 2013	651.924	2.2L CDI L-L4	_CDI_D3_002130	C/D			
219 (CLS - Class)	2005 - 2013	113.967	5.0L SFI L-V8	_ME28_M113_AMG	C/D			
219 (CLS - Class)	2005 - 2013	113.990	5.5L V8 AMG KOMP	_ME28_M113_AMG	C/D			
219 (CLS - Class)	2011 - 2011	156.983	6.2L V8 AMG	ME97 (V8)	C/D	•	*T	
219 (CLS - Class)	2005 - 2013	272.943	3.0L V6	ME97 (V8)	C/D	•	*T	
219 (CLS - Class)	2005 - 2013	272.964	3.5L V6	ME97 (V8)	C/D	•	*T	
219 (CLS - Class)	2005 - 2013	272.985	3.5L V6 CGI	MED 97	C/D	•	*T	
219 (CLS - Class)	2005 - 2013	273.960	5.5L V8	ME97 (V8)	C/D	•	*T	
219 (CLS - Class)	2005 - 2013	642.920	3.0L V6 CDI	CR60LS_Diag_30..34	C/D	•	*I	
220 (S - Class)	1999 - 2006	112.922	2.8L SFI L-V6	_ME28_M112_AMG	C/D			
220 (S - Class)	1999 - 2003	112.944	3.2L SFI L-V6	_ME28_M112_AMG	C/D			
220 (S - Class)	2002 - 2006	112.975	3.7L SFI L-V6	_ME28_M112_AMG	C/D			



# Engine Management Applications

MERCEDES							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
220 (S - Class)	1999 - 2006	113.941	4.3L SFI L-V8	_ME28_M113_AMG	C/D		
220 (S - Class)	2002 - 2006	113.948	4.3L SFI L-V8	_ME28_M113_AMG	C/D		
220 (S - Class)	2002 - 2006	113.960	5.0L SFI L-V8	_ME2.7.1	C/D		
220 (S - Class)	2002 - 2006	113.966	5.0L SFI L-V8	_ME28_M113_AMG	C/D		
220 (S - Class)	2002 - 2002	113.970	5.5L SFI L-V12	_ME2.7.1	C/D		
220 (S - Class)	2002 - 2006	113.986	5.5L AMG L-V8	_ME28_M113_AMG	C/D		
220 (S - Class)	2002 - 2002	137.970	5.5L L-V12	_MME275_FV07	C/D		
220 (S - Class)	2002 - 2006	275.950	5.5L L-V12	_MME275_FV07	C/D		
220 (S - Class)	2005 - 2006	275.980	5.5L L-V12	_MME275_FV07	C/D		
220 (S - Class)	2002 - 2002	613.960	3.2L CDI L-V6	_CDI3_UP	C/D	•	RA
220 (S - Class)	2002 - 2006	628.960	4L CDI V-V8	_CDIV1	C/D		
220 (S - Class)	2006 - 2006	648.960	3.2L CDI L-V6	_CDI3_UP (EU4)	C/D	•	RA
221 (S - Class)	2006 - 2013	156.984	6.2L V8 AMG	ME97	C/D	•	*T
221 (S - Class)	2011 - 2013	157.980	5.5L V8 AMG	M278LA_VC11	C/D		
221 (S - Class)	2006 - 2013	272.964	3.0L V6	ME97 (V8)	C/D	•	*T
221 (S - Class)	2006 - 2013	272.965	3.5L V6	ME97 (V8)	C/D	•	*T
221 (S - Class)	2006 - 2013	272.968	3.5L V6 4Matic	ME97 (V8)	C/D	•	*T
221 (S - Class)	2009 - 2013	272.974	3.5L SFI V-V6 Hybrid	ME 17.7	C/D		
221 (S - Class)	2006 - 2013	273.922	4.7L V8	ME97 (V8)	C/D	•	*T
221 (S - Class)	2006 - 2013	273.924	4.5L SFI V-V8 4Matic	ME97 (V8)	C/D	•	*T
221 (S - Class)	2006 - 2013	273.961	5.5L V8	ME97 (V8)	C/D	•	*T
221 (S - Class)	2006 - 2013	273.968	5.5L SFI V-V8 4Matic	ME97 (V8)	C/D	•	*T
221 (S - Class)	2009 - 2013	275.953	5.5L V12 Bi-Turbo	ME 2.7.2	C/D		
221 (S - Class)	2006 - 2013	275.982	6.0L V12 Bi-Turbo	ME 2.7.2	C/D		
221 (S - Class)	2011 - 2013	276.950	3.5L V6 4Matic	M278LA_VC11	C/D		
221 (S - Class)	2011 - 2013	278.932	4.7L V8 4Matic	M278LA_VC11	C/D		
221 (S - Class)	2006 - 2013	629.911	4.0L V8 CDI	CDI_5	C/D		
221 (S - Class)	2009 - 2013	642.862	3.0L V6 CDI	CR60LS_Diag_30..34	C/D	•	*I
221 (S - Class)	2006 - 2013	642.868	3.0L CDI-V6 4Matic	CR60LS_Diag_30..34	C/D	•	*I
221 (S - Class)	2006 - 2013	642.930	3.0L V6 CDI	CDI_5	C/D		
221 (S - Class)	2006 - 2013	642.932	3.0L V6 CDI 4Matic	CDI_5	C/D		
221 (S - Class)	2011 - 2013	651.961	2.2L CDI	CDI_D3_002130	C/D		
230 (SL - Class)	2001 - 2008	112.973	3.5L SFI L-V6	_ME28_M112_AMG	C/D		
230 (SL - Class)	2005 - 2005	113.963	5.0L SFI V-8	_ME28_M113_AMG	C/D		
230 (SL - Class)	2001 - 2008	113.992	5.5L AMG SFI L-V8	_ME28_M113_AMG	C/D		
230 (SL - Class)	2003 - 2008	113.995	5.5L AMG EVO SFI L-V8	_ME28_M113_AMG	C/D		
230 (SL - Class)	2008 - 2012	156.981	6.2L SFI V-V8	ME97	C/D	•	*T
230 (SL - Class)	2008 - 2012	272.949	3.0L SFI V-V6	ME97 (V8)	C/D	•	*T
230 (SL - Class)	2003 - 2008	272.966	3.5L SFI V-V6	ME97 (V8)	C/D	•	*T
230 (SL - Class)	2008 - 2012	272.968	3.5L SFI V-V6	ME97 (V8)	C/D	•	*T
230 (SL - Class)	2003 - 2012	273.965	5.5L SFI V-8	ME97 (V8)	C/D	•	*T
230 (SL - Class)	2003 - 2008	275.951	5.5L SFI V-V12	_ME2.7.1	C/D		
230 (SL - Class)	2008 - 2012	275.954	5.5L V-V12	ME 2.7.2	C/D		
230 (SL - Class)	2009 - 2012	275.981	6.0L AMG SFI V-V12	ME 2.7.2	C/D		
231 (SL - Class)	2012 - 2013	157.983	5.5L SFI V-V8	M278LA_VC11	C/D		
231 (SL - Class)	2012 - 2013	276.954	3.5L SFI V-V6	M278LA_VC11	C/D		
231 (SL - Class)	2012 - 2013	278.927	4.7L SFI V-8	M278LA_VC11	C/D		
231 (SL - Class)	2012 - 2013	279.981	6.0L SFI V-V12	ME1778	C/D		
245 (B - Class)	2005 - 2012	266.920	1.5L L-L4	SIM 266	C/D		
245 (B - Class)	2005 - 2012	266.940	1.7L L-L4	SIM 266	C/D		
245 (B - Class)	2005 - 2012	266.960	2.0L L-L4	SIM 266	C/D		
245 (B - Class)	2005 - 2012	266.980	2.0L Turbo	SIM 266	C/D		
245 (B - Class)	2005 - 2012	640.940	2.0L CDI L-L4	CDI4EU5	C/D		
245 (B - Class)	2005 - 2012	640.941	2.0L CDI L-L4	CDI4EU5	C/D		
246 (B - Class)	2012 - 2013	270.910	1.6L SFI L-L4	MED40	C/D		
246 (B - Class)	2012 - 2013	270.920	2.0L SFI L-L4	MED40	C/D		
246 (B - Class)	2012 - 2013	651.901	1.8L CDI	CEPC	C/D		
251 (R - Class)	2006 - 2013	113.971	5.0L V8 4Matic	_ME28_M113_AMG	C/D		

MERCEDES							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
251 (R - Class)	2006 - 2013	156.980	6.2L V8 AMG 4Matic	ME97	C/D	•	*T
251 (R - Class)	2006 - 2013	272.945	3.0L V6	ME97 (V8)	C/D	•	*T
251 (R - Class)	2006 - 2013	272.967	3.5L V6 4Matic	ME97 (V8)	C/D	•	*T
251 (R - Class)	2006 - 2013	273.963	5.5L V8 4Matic	ME97 (V8)	C/D	•	*T
251 (R - Class)	2011 - 2013	276.958	3.5L V6	M278LA_VC11	C/D		
251 (R - Class)	2008 - 2013	642.870	3.0L CDI-V6 4Matic	CR60LS_Diag_30..34	C/D	•	*I
251 (R - Class)	2008 - 2013	642.872	3.0L CDI-V6 4Matic	CR60LS_Diag_30..34	C/D	•	*I
251 (R - Class)	2006 - 2013	642.950	3.0L CDI-V6 4Matic	CR60LS_Diag_30..34	C/D	•	*I
414 (Vaneo)	2002 - 2011	166.960	1.6L SFI T-L4	_MSM2	C/D		
414 (Vaneo)	2002 - 2011	166.990	1.9L SFI T-L4	_MSM2	C/D		
414 (Vaneo)	2002 - 2011	668.940	1.7L CDI T-L4	_CDI3_UP	C/D	•	RA
415 (Citan - Class)	2013 - 2013	607.951	1.5L CDI	EDC_17C42	C/D		
461 (G - Class)	1992 - 1992	102.979	2.3L CFI L-L4	_CIS-E_BLINK	C/D		
461 (G - Class)	1992 - 1992	102.996	2.3L CFI L-L4	_CIS-E_BLINK	C/D		
461 (G - Class)	1992 - 1992	102.997	2.3L CFI L-L4	_CIS-E_BLINK	C/D		
461 (G - Class)	1992 - 1992	602.938	2.9L DIE L-L5	_CIS-E_BLINK	C/D		
461 (G - Class)	1992 - 1992	602.939	2.9L DIE L-L5	_CIS-E_BLINK	C/D		
461 (G - Class)	1992 - 1992	602.946	2.9L DIE L-L5	_CIS-E_BLINK	C/D		
461 (G - Class)	1998 - 2001	602.983	2.9L DIE L-L5	_EVE_2	C/D		
463 (G - Class)	1992 - 1998	102.965	2.0L CFI L-L4	_CIS-E_BLINK	C/D		
463 (G - Class)	1992 - 2000	102.989	2.3L CFI L-L4	_CIS-E_BLINK	C/D		
463 (G - Class)	1995 - 1995	103.987	3.0L CFI L-L6	_CIS-E_BLINK	C/D		
463 (G - Class)	2000 - 2000	104.992	3.2L SFI L-L6	_MSM2	C/D		
463 (G - Class)	1992 - 1999	104.996	3.2L SFI L-L6	_MSM2	C/D		
463 (G - Class)	2000 - 2003	112.945	3.6L SFI V-V6	_ME28_M112_AMG	C/D		
463 (G - Class)	2000 - 2013	113.962	5.0L SFI V-8	_ME28_M113_AMG	C/D		
463 (G - Class)	2002 - 2013	113.982	5.5L AMG L-V8	_ME28_M113_AMG	C/D		
463 (G - Class)	1992 - 2000	117.965	5.0L CFI V-8	_CIS-E_BLINK	C/D		
463 (G - Class)	2007 - 2013	273.969	5.5L SFI-V8 4Matic	ME97 (V8)	C/D	•	*T
463 (G - Class)	1992 - 1999	606.964	3.0L DIE L-L6	_EVE_2	C/D		
463 (G - Class)	2002 - 2003	612.965	2.7L CDI L-L5	_CDIV1	C/D		
463 (G - Class)	2000 - 2005	628.962	4.0L CDI L-V8	_CDIV1	C/D		
463 (G - Class)	2007 - 2013	642.970	3.0L CDI-V6 4Matic	CR60LS_Diag_30..34	C/D	•	*I
638 (V - Class)	1995 - 1999	601.942	2.3L DIE T-L4	_EVE_2	C/D		
638 (V - Class)	1995 - 1999	601.970	2.3L DIE T-L4	_EVE_2	C/D		
638 (V - Class)	1998 - 1999	611.980	2.2L CDI T-L4	_EVE_2	C/D		
639 (V - Class)	2006 - 2007	112.951	3.2L SFI V-V6	_ME28_M112_AMG	C/D		
639 (V - Class)	2006 - 2007	112.976	3.5L SFI V-V6	_ME28_M112_AMG	C/D		
639 (V - Class)	2008 - 2013	272.979	3.5L V-V6	ME97	C/D		
639 (V - Class)	2010 - 2013	642.890	3.0L CDI V-V6	CDI60_NFZ	C/D	•	*I
639 (V - Class)	2006 - 2013	642.990	3.0L CDI V-V6	CDI_4	C/D	•	*I
639 (V - Class)	2006 - 2013	646.980	2.2L CDI L-L4	CDI_4	C/D	•	*I
639 (V - Class)	2006 - 2013	646.981	2.2L CDI L-L4	CDI_4	C/D	•	*I
639 (V - Class)	2006 - 2013	646.982	2.2L CDI L-L4	CDI_4	C/D	•	*I
639 (V - Class)	2006 - 2007	646.983	2.2L CDI L-L4	CDI_4	C/D	•	*I
639 (V - Class)	2010 - 2013	651.940	2.2L CDI L-L4	CDI_D2	C/D		
639 (V - Class)	2010 - 2013	651.941	2.2L CDI L-L4	CDI_D2	C/D		
901 (Sprinter)	1995 - 2000	601.943	2.3L DIE T-L4	_CDI3_UP	C/D	•	RA
901 (Sprinter)	1995 - 2000	602.980	2.9L DIE T-L4	_EVE_2	C/D		
901 (Sprinter)	1995 - 2006	611.981	2.2L CDI L-L4	_CDI3_UP	C/D	•	RA
901 (Sprinter)	1995 - 2006	611.987	2.2L CDI L-L4	_CDI3_UP	C/D	•	RA
902 (Sprinter)	1995 - 2000	601.943	2.3L DIE T-L4	_CDI3_UP	C/D	•	RA
902 (Sprinter)	1995 - 2000	602.980	2.9L DIE T-L4	_EVE_2	C/D		
902 (Sprinter)	1995 - 2006	611.981	2.2L CDI L-L4	_CDI3_UP	C/D	•	RA
902 (Sprinter)	1995 - 2006	611.987	2.2L CDI L-L4	_CDI3_UP	C/D	•	RA
902 (Sprinter)	1995 - 2006	612.981	2.7L CDI L-L5	_CDI3_UP	C/D	•	RA
903 (Sprinter)	1995 - 2000	601.943	2.3L DIE T-L4	_CDI3_UP	C/D	•	RA
903 (Sprinter)	1995 - 2000	602.980	2.9L DIE T-L4	_EVE_2	C/D		
903 (Sprinter)	2001 - 2006	611.962	2.2L CDI L-L4	_CDI3_UP	C/D	•	RA

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flammable, H - Injector Coding, O - Oil reset for DPPE, P - Particulate Filter, R - Return, RA - Reset Adaptations, S - Steering Angle Sensor, E - Electronic Body Return, A - Type of Air, \* - Other (see table on page 26) Data grey lines indicate new content at 1/4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

MERCEDES								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
903 (Sprinter)	1995 - 2006	611.981	2.2L CDI L-L4	_CDI3_UP	C/D	•	RA	
903 (Sprinter)	1995 - 2006	611.987	2.2L CDI L-L4	_CDI3_UP	C/D	•	RA	
903 (Sprinter)	1995 - 2006	612.981	2.7L CDI L-L5	_CDI3_UP	C/D	•	RA	
904 (Sprinter)	1995 - 2000	601.943	2.3L DIET-L4	_CDI3_UP	C/D	•	RA	
904 (Sprinter)	1995 - 2000	602.980	2.9L DIE T-L4	_EVE_2	C/D			
904 (Sprinter)	1995 - 2006	611.981	2.2L CDI L-L4	_CDI3_UP	C/D	•	RA	
904 (Sprinter)	1995 - 2006	611.987	2.2L CDI L-L4	_CDI3_UP	C/D	•	RA	
905 (Sprinter)	2001 - 2007	612.981	2.7L CDI L-L5	_CDI3_UP	C/D	•	RA	
906 (Sprinter)	2013 - 2013	642.890	3.0L CDI V-V6	CDI60_NFZ	C/D	•	•,I	
906 (Sprinter)	2013 - 2013	642.896	3.0L CDI V-V6	CDI60_NFZ	C/D	•	•,I	
906 (Sprinter)	2013 - 2013	642.992	3.0L CDI V-V6	CDI60_NFZ	C/D	•	•,I	
906 (Sprinter)	2006 - 2013	110kW0	3.0L MPO	CDI_4	C/D	•	•,I,P	
906 (Sprinter)	2006 - 2013	115kW0	1.8L MC6/MZ2	SIM271KE20	C/D			
906 (Sprinter)	2013 - 2013	120KW0	2.2L	CDI_D3_NFZ	C/D			
906 (Sprinter)	2011 - 2012	135kW0	3.0L CDI V-V6	CDI60_NFZ	C/D	•	•,I	
906 (Sprinter)	2009 - 2012	140kW0	3.0L CDI V-V6	CDI60_NFZ	C/D	•	•,I	
906 (Sprinter)	2006 - 2013	160kW0	3.5L V-V6 MC9	ME97	C/D			
906 (Sprinter)	2006 - 2012	65kW0	2.2L MC1	CDI_4	C/D	•	•,I,P	
906 (Sprinter)	2013 - 2013	70KW0	2.2L	CDI_D3_NFZ	C/D			
906 (Sprinter)	2006 - 2012	80kW0	2.2L MC2	CDI_4	C/D	•	•,I,P	
906 (Sprinter)	2013 - 2013	90KW/95	2.2L	CDI_D3_NFZ	C/D			

# Airbag

MERCEDES								
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions			
117 (CLA - Class)	2012 - 2013	ORC_166_\$004001		C/D				
117 (CLA - Class)	2012 - 2013	ORC_166_\$004002		C/D				
117 (CLA - Class)	2012 - 2013	ORC_166_\$004003		C/D				
117 (CLA - Class)	2012 - 2013	ORC_166_\$004004		C/D				
117 (CLA - Class)	2012 - 2013	ORC_166_\$004005		C/D				
117 (CLA - Class)	2012 - 2013	ORC_166_\$004006		C/D				
117 (CLA - Class)	2012 - 2013	ORC_166_\$004007		C/D				
117 (CLA - Class)	2012 - 2013	ORC_166_\$004008		C/D				
117 (CLA - Class)	2012 - 2013	ORC_166_\$004009		C/D				
129 (SL - Class)	1992 - 2002	_ARMIN		C/D				
140 (S/CL - Class)	1992 - 1999	_ARMIN		C/D				
163 (M - Class)	1998 - 2006	_ARMIN		C/D				
164 (GL - Class)	2006 - 2012	ARCADE_164		C/D				
164 (M - Class)	2006 - 2012	ARCADE_164		C/D				
166 (GL - Class)	2012 - 2013	ORC_166_\$004001		C/D				
166 (GL - Class)	2012 - 2013	ORC_166_\$004002		C/D				
166 (GL - Class)	2012 - 2013	ORC_166_\$004003		C/D				
166 (GL - Class)	2012 - 2013	ORC_166_\$004004		C/D				
166 (GL - Class)	2012 - 2013	ORC_166_\$004005		C/D				
166 (GL - Class)	2012 - 2013	ORC_166_\$004006		C/D				
166 (GL - Class)	2012 - 2013	ORC_166_\$004007		C/D				
166 (GL - Class)	2012 - 2013	ORC_166_\$004008		C/D				
166 (GL - Class)	2012 - 2013	ORC_166_\$004009		C/D				
166 (ML - Class)	2011 - 2013	ORC_166_\$004001		C/D				
166 (ML - Class)	2011 - 2013	ORC_166_\$004002		C/D				
166 (ML - Class)	2011 - 2013	ORC_166_\$004003		C/D				
166 (ML - Class)	2011 - 2013	ORC_166_\$004004		C/D				
166 (ML - Class)	2011 - 2013	ORC_166_\$004005		C/D				
166 (ML - Class)	2011 - 2013	ORC_166_\$004006		C/D				
166 (ML - Class)	2011 - 2013	ORC_166_\$004007		C/D				
166 (ML - Class)	2011 - 2013	ORC_166_\$004008		C/D				
166 (ML - Class)	2011 - 2013	ORC_166_\$004009		C/D				
168 (A - Class)	1998 - 2005	_ARMIN		C/D				
169 (A - Class)	2005 - 2012	DCCAM		C/D				
170 (SLK - Class)	1996 - 2001	_ARMIN		C/D				
171 (SLK - Class)	2004 - 2011	Armada		C/D				
172 (SLK - Class)	2011 - 2013	ORC_172_Boot_\$01 83 E3		C/D				
172 (SLK - Class)	2011 - 2013	ORC_172_Muster_\$00 83 00		C/D				
172 (SLK - Class)	2011 - 2013	ORC_172_Muster_\$00 83 01		C/D				
172 (SLK - Class)	2011 - 2013	ORC_172_Muster_\$00 83 02		C/D				
172 (SLK - Class)	2011 - 2013	ORC_172_Muster_\$00 83 03		C/D				
172 (SLK - Class)	2011 - 2013	ORC_172_Serie_\$00 03 00		C/D				
172 (SLK - Class)	2011 - 2013	ORC_172_Serie_\$00 03 01		C/D				
172 (SLK - Class)	2011 - 2013	ORC_172_Serie_\$00 03 02		C/D				
172 (SLK - Class)	2011 - 2013	ORC_172_Serie_\$00 03 03		C/D				
172 (SLK - Class)	2011 - 2013	ORC_172_Serie_\$00 03 04		C/D				
176 (A - Class)	2012 - 2013	ORC_166_\$004001		C/D				
176 (A - Class)	2012 - 2013	ORC_166_\$004002		C/D				
176 (A - Class)	2012 - 2013	ORC_166_\$004003		C/D				
176 (A - Class)	2012 - 2013	ORC_166_\$004004		C/D				
176 (A - Class)	2012 - 2013	ORC_166_\$004005		C/D				
176 (A - Class)	2012 - 2013	ORC_166_\$004006		C/D				
176 (A - Class)	2012 - 2013	ORC_166_\$004007		C/D				
176 (A - Class)	2012 - 2013	ORC_166_\$004008		C/D				
176 (A - Class)	2012 - 2013	ORC_166_\$004009		C/D				
197 (SLS - Class)	2009 - 2013	B1_Muster_8100		C/D				
197 (SLS - Class)	2009 - 2013	Boot_81E0		C/D				
197 (SLS - Class)	2009 - 2013	BR218_197_Dev_0205		C/D				

## Airbag Continued

MERCEDES					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
197 (SLS - Class)	2009 - 2013	C1_Muster_8201	C/D		
197 (SLS - Class)	2009 - 2013	C3_Muster_1	C/D		
197 (SLS - Class)	2009 - 2013	C4_Muster_8106	C/D		
197 (SLS - Class)	2009 - 2013	C4_Muster_8107	C/D		
197 (SLS - Class)	2009 - 2013	D_Muster_0107	C/D		
197 (SLS - Class)	2009 - 2013	ORC_172_Boot_001 83 E3	C/D		
197 (SLS - Class)	2009 - 2013	ORC_172_Muster_000 83 00	C/D		
197 (SLS - Class)	2009 - 2013	ORC_172_Muster_000 83 01	C/D		
197 (SLS - Class)	2009 - 2013	ORC_172_Muster_000 83 02	C/D		
197 (SLS - Class)	2009 - 2013	ORC_172_Muster_000 83 03	C/D		
197 (SLS - Class)	2009 - 2013	ORC_172_Serie_000 03 00	C/D		
197 (SLS - Class)	2009 - 2013	ORC_172_Serie_000 03 01	C/D		
197 (SLS - Class)	2009 - 2013	ORC_172_Serie_000 03 02	C/D		
197 (SLS - Class)	2009 - 2013	ORC_172_Serie_000 03 03	C/D		
197 (SLS - Class)	2009 - 2013	Release_3B_0200	C/D		
197 (SLS - Class)	2009 - 2013	Release_3B_0201	C/D		
197 (SLS - Class)	2009 - 2013	Release0106	C/D		
197 (SLS - Class)	2009 - 2013	Release0108	C/D		
197 (SLS - Class)	2009 - 2013	Release0109	C/D		
197 (SLS - Class)	2009 - 2013	Release0907	C/D		
199 (SLR - Class)	2005 - 2010	Armada	C/D		
202 (C - Class)	1993 - 2001	_ARMIN	C/D		
203 (C - Class)	2000 - 2005	_ARMINCA_C2	C/D		
203 (C - Class)	2000 - 2005	_ARMINCA_C3	C/D		
203 (C - Class)	2000 - 2005	_ARMINCA_Q2	C/D		
203 (C - Class)	2000 - 2005	_ARMINCA_Q3:airbag	C/D		
203 (C - Class)	2000 - 2005	_ARMINCA_Q4	C/D		
203 (C - Class)	2000 - 2005	_ARMINCA_Q7	C/D		
203 (C - Class)	2003 - 2007	Armada	C/D		
203 (CLC - Class)	2008 - 2011	Armada	C/D		
204 (C - Class)	2007 - 2013	B1_Muster_8100	C/D		
204 (C - Class)	2007 - 2013	Boot_81E0	C/D		
204 (C - Class)	2007 - 2013	BR218_197_Dev_0205	C/D		
204 (C - Class)	2007 - 2013	C1_Muster_8201	C/D		
204 (C - Class)	2007 - 2013	C3_Muster_1	C/D		
204 (C - Class)	2007 - 2013	C4_Muster_8106	C/D		
204 (C - Class)	2007 - 2013	C4_Muster_8107	C/D		
204 (C - Class)	2007 - 2013	D_Muster_0107	C/D		
204 (C - Class)	2007 - 2013	ORC_172_Boot_001 83 E3	C/D		
204 (C - Class)	2007 - 2013	ORC_172_Muster_000 83 00	C/D		
204 (C - Class)	2007 - 2013	ORC_172_Muster_000 83 01	C/D		
204 (C - Class)	2007 - 2013	ORC_172_Muster_000 83 02	C/D		
204 (C - Class)	2007 - 2013	ORC_172_Muster_000 83 03	C/D		
204 (C - Class)	2007 - 2013	ORC_172_Serie_000 03 00	C/D		
204 (C - Class)	2007 - 2013	ORC_172_Serie_000 03 01	C/D		
204 (C - Class)	2007 - 2013	ORC_172_Serie_000 03 02	C/D		
204 (C - Class)	2007 - 2013	ORC_172_Serie_000 03 03	C/D		
204 (C - Class)	2007 - 2013	Release_3B_0200	C/D		
204 (C - Class)	2007 - 2013	Release_3B_0201	C/D		
204 (C - Class)	2007 - 2013	Release0106	C/D		
204 (C - Class)	2007 - 2013	Release0108	C/D		
204 (C - Class)	2007 - 2013	Release0109	C/D		
204 (C - Class)	2007 - 2013	Release0907	C/D		
204 (GLK - Class)	2008 - 2013	B1_Muster_8100	C/D		
204 (GLK - Class)	2008 - 2013	Boot_81E0	C/D		
204 (GLK - Class)	2008 - 2013	BR218_197_Dev_0205	C/D		
204 (GLK - Class)	2008 - 2013	C1_Muster_8201	C/D		
204 (GLK - Class)	2008 - 2013	C3_Muster_1	C/D		
204 (GLK - Class)	2008 - 2013	C4_Muster_8106	C/D		

## Airbag Continued

MERCEDES					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
204 (GLK - Class)	2008 - 2013	C4_Muster_8106	C/D		
204 (GLK - Class)	2008 - 2013	C4_Muster_8107	C/D		
204 (GLK - Class)	2008 - 2013	D_Muster_0107	C/D		
204 (GLK - Class)	2008 - 2013	ORC_172_Boot_001 83 E3	C/D		
204 (GLK - Class)	2008 - 2013	ORC_172_Muster_000 83 00	C/D		
204 (GLK - Class)	2008 - 2013	ORC_172_Muster_000 83 01	C/D		
204 (GLK - Class)	2008 - 2013	ORC_172_Muster_000 83 02	C/D		
204 (GLK - Class)	2008 - 2013	ORC_172_Muster_000 83 03	C/D		
204 (GLK - Class)	2008 - 2013	ORC_172_Serie_000 03 00	C/D		
204 (GLK - Class)	2008 - 2013	ORC_172_Serie_000 03 01	C/D		
204 (GLK - Class)	2008 - 2013	ORC_172_Serie_000 03 02	C/D		
204 (GLK - Class)	2008 - 2013	ORC_172_Serie_000 03 03	C/D		
204 (GLK - Class)	2008 - 2013	Release_3B_0200	C/D		
204 (GLK - Class)	2008 - 2013	Release_3B_0201	C/D		
204 (GLK - Class)	2008 - 2013	Release0106	C/D		
204 (GLK - Class)	2008 - 2013	Release0108	C/D		
204 (GLK - Class)	2008 - 2013	Release0109	C/D		
204 (GLK - Class)	2008 - 2013	Release0907	C/D		
207 (E - Coupe)	2009 - 2013	B1_Muster_8100	C/D		
207 (E - Coupe)	2009 - 2013	Boot_81E0	C/D		
207 (E - Coupe)	2009 - 2013	BR218_197_Dev_0205	C/D		
207 (E - Coupe)	2009 - 2013	C1_Muster_8201	C/D		
207 (E - Coupe)	2009 - 2013	C3_Muster_1	C/D		
207 (E - Coupe)	2009 - 2013	C4_Muster_8106	C/D		
207 (E - Coupe)	2009 - 2013	C4_Muster_8107	C/D		
207 (E - Coupe)	2009 - 2013	D_Muster_0107	C/D		
207 (E - Coupe)	2009 - 2013	ORC_172_Boot_001 83 E3	C/D		
207 (E - Coupe)	2009 - 2013	ORC_172_Muster_000 83 00	C/D		
207 (E - Coupe)	2009 - 2013	ORC_172_Muster_000 83 01	C/D		
207 (E - Coupe)	2009 - 2013	ORC_172_Muster_000 83 02	C/D		
207 (E - Coupe)	2009 - 2013	ORC_172_Muster_000 83 03	C/D		
207 (E - Coupe)	2009 - 2013	ORC_172_Serie_000 03 00	C/D		
207 (E - Coupe)	2009 - 2013	ORC_172_Serie_000 03 01	C/D		
207 (E - Coupe)	2009 - 2013	ORC_172_Serie_000 03 02	C/D		
207 (E - Coupe)	2009 - 2013	ORC_172_Serie_000 03 03	C/D		
207 (E - Coupe)	2009 - 2013	Release_3B_0200	C/D		
207 (E - Coupe)	2009 - 2013	Release_3B_0201	C/D		
207 (E - Coupe)	2009 - 2013	Release0106	C/D		
207 (E - Coupe)	2009 - 2013	Release0108	C/D		
207 (E - Coupe)	2009 - 2013	Release0109	C/D		
208 (CLK - Class)	2001 - 2002	_ARMIN	C/D		
209 (CLK - Class)	2002 - 2005	_ARMINCA_C2	C/D		
209 (CLK - Class)	2002 - 2005	_ARMINCA_C3	C/D		
209 (CLK - Class)	2002 - 2005	_ARMINCA_Q2	C/D		
209 (CLK - Class)	2002 - 2005	_ARMINCA_Q3:airbag	C/D		
209 (CLK - Class)	2002 - 2005	_ARMINCA_Q4	C/D		
209 (CLK - Class)	2002 - 2005	_ARMINCA_Q7	C/D		
209 (CLK - Class)	2003 - 2011	Armada	C/D		
210 (E - Class)	1995 - 2002	_ARMIN	C/D		
211 (E - Class)	2002 - 2011	Armada	C/D		
212 (E - Class)	2009 - 2013	B1_Muster_8100	C/D		
212 (E - Class)	2009 - 2013	Boot_81E0	C/D		
212 (E - Class)	2009 - 2013	BR218_197_Dev_0205	C/D		
212 (E - Class)	2009 - 2013	C1_Muster_8201	C/D		
212 (E - Class)	2009 - 2013	C3_Muster_1	C/D		
212 (E - Class)	2009 - 2013	C4_Muster_8106	C/D		

## Airbag Continued

MERCEDES					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
212 (E - Class)	2009 - 2013	C4_Muster_8107	C/D		
212 (E - Class)	2009 - 2013	D_Muster_0107	C/D		
212 (E - Class)	2009 - 2013	ORC_172_Boot_001 83 E3	C/D		
212 (E - Class)	2009 - 2013	ORC_172_Muster_000 83 00	C/D		
212 (E - Class)	2009 - 2013	ORC_172_Muster_000 83 01	C/D		
212 (E - Class)	2009 - 2013	ORC_172_Muster_000 83 02	C/D		
212 (E - Class)	2009 - 2013	ORC_172_Muster_000 83 03	C/D		
212 (E - Class)	2009 - 2013	ORC_172_Serie_000 03 00	C/D		
212 (E - Class)	2009 - 2013	ORC_172_Serie_000 03 01	C/D		
212 (E - Class)	2009 - 2013	ORC_172_Serie_000 03 02	C/D		
212 (E - Class)	2009 - 2013	ORC_172_Serie_000 03 03	C/D		
212 (E - Class)	2009 - 2013	ORC_172_Serie_000 03 04	C/D		
212 (E - Class)	2009 - 2013	Release_3B_0200	C/D		
212 (E - Class)	2009 - 2013	Release_3B_0201	C/D		
212 (E - Class)	2009 - 2013	Release0106	C/D		
212 (E - Class)	2009 - 2013	Release0108	C/D		
212 (E - Class)	2009 - 2013	Release0109	C/D		
212 (E - Class)	2009 - 2013	Release0907	C/D		
215 (CL - Class)	1999 - 2002	_ARMIN	C/D		
215 (CL - Class)	2003 - 2006	Armada	C/D		
216 (CL - Class)	2007 - 2013	ARCADE_221	C/D		
218 (CLS - Class)	2011 - 2013	B1_Muster_8100	C/D		
218 (CLS - Class)	2011 - 2013	Boot_81E0	C/D		
218 (CLS - Class)	2011 - 2013	BR218_197_Dev_0205	C/D		
218 (CLS - Class)	2011 - 2013	C1_Muster_8201	C/D		
218 (CLS - Class)	2011 - 2013	C3_Muster_1	C/D		
218 (CLS - Class)	2011 - 2013	C4_Muster_8106	C/D		
218 (CLS - Class)	2011 - 2013	C4_Muster_8107	C/D		
218 (CLS - Class)	2011 - 2013	D_Muster_0107	C/D		
218 (CLS - Class)	2011 - 2013	ORC_172_Boot_001 83 E3	C/D		
218 (CLS - Class)	2011 - 2013	ORC_172_Muster_000 83 00	C/D		
218 (CLS - Class)	2011 - 2013	ORC_172_Muster_000 83 01	C/D		
218 (CLS - Class)	2011 - 2013	ORC_172_Muster_000 83 02	C/D		
218 (CLS - Class)	2011 - 2013	ORC_172_Muster_000 83 03	C/D		
218 (CLS - Class)	2011 - 2013	ORC_172_Serie_000 03 00	C/D		
218 (CLS - Class)	2011 - 2013	ORC_172_Serie_000 03 01	C/D		
218 (CLS - Class)	2011 - 2013	ORC_172_Serie_000 03 02	C/D		
218 (CLS - Class)	2011 - 2013	ORC_172_Serie_000 03 03	C/D		
218 (CLS - Class)	2011 - 2013	ORC_172_Serie_000 03 04	C/D		
218 (CLS - Class)	2011 - 2013	Release_3B_0200	C/D		
218 (CLS - Class)	2011 - 2013	Release_3B_0201	C/D		
218 (CLS - Class)	2011 - 2013	Release0106	C/D		
218 (CLS - Class)	2011 - 2013	Release0108	C/D		
218 (CLS - Class)	2011 - 2013	Release0109	C/D		
218 (CLS - Class)	2011 - 2013	Release0907	C/D		
220 (S - Class)	1998 - 2006	_ARMIN	C/D		
220 (S - Class)	2002 - 2006	Armada	C/D		
221 (S - Class)	2006 - 2013	ARCADE_221	C/D		
230 (SL - Class)	2001 - 2003	_ARMIN	C/D		
230 (SL - Class)	2003 - 2012	Armada	C/D		
231 (SL - Class)	2012 - 2013	ORC_172_Boot_001 83 E3	C/D		
231 (SL - Class)	2012 - 2013	ORC_172_Muster_000 83 00	C/D		
231 (SL - Class)	2012 - 2013	ORC_172_Muster_000 83 01	C/D		
231 (SL - Class)	2012 - 2013	ORC_172_Muster_000 83 02	C/D		
231 (SL - Class)	2012 - 2013	ORC_172_Muster_000 83 03	C/D		
231 (SL - Class)	2012 - 2013	ORC_172_Serie_000 03 00	C/D		
231 (SL - Class)	2012 - 2013	ORC_172_Serie_000 03 01	C/D		

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Inflator Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Relearn, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Relearn, Jk: Jumper Auto, \* : Other (see table on page 26) Dark grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flywheel, I - Injector Coding, O - Oil reset for DPF, P - Particulate Filter, R - Return, RA - Reset Adaptations, S - Steering Angle Sensor, E - Electronic Body Return, A - Actuator or Type Semi Auto, \* - Other (see table on page 26) Dark grey lines indicate new content at 1.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Airbag Continued

MERCEDES					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
231 (SL - Class)	2012 - 2013	ORC_172_Serie_ \$00 03 02	C/D		
231 (SL - Class)	2012 - 2013	ORC_172_Serie_ \$00 03 03	C/D		
231 (SL - Class)	2012 - 2013	ORC_172_Serie_ \$00 03 04	C/D		
245 (B - Class)	2005 - 2012	DCCAM	C/D		
246 (B - Class)	2012 - 2013	ORC_166_ \$004001	C/D		
246 (B - Class)	2012 - 2013	ORC_166_ \$004002	C/D		
246 (B - Class)	2012 - 2013	ORC_166_ \$004003	C/D		
246 (B - Class)	2012 - 2013	ORC_166_ \$004004	C/D		
246 (B - Class)	2012 - 2013	ORC_166_ \$004005	C/D		
246 (B - Class)	2012 - 2013	ORC_166_ \$004006	C/D		
246 (B - Class)	2012 - 2013	ORC_166_ \$004007	C/D		
246 (B - Class)	2012 - 2013	ORC_166_ \$004008	C/D		
246 (B - Class)	2012 - 2013	ORC_166_ \$004009	C/D		
251 (R - Class)	2006 - 2013	ARCADE_164	C/D		
414 (Vaneo)	2002 - 2011	_ARMIN	C/D		
415 (Citan - Class)	2013 - 2013	ORC_415	C/D		
463 (G - Class)	1992 - 2013	_ARMIN	C/D		
639 (V - Class)	2004 - 2007	Armada	C/D		
639 (V - Class)	2006 - 2013	ARCADE_639	C/D		
639 (V - Class)	2006 - 2013	ARIAN_639	C/D		
901 (Sprinter)	1995 - 2005	Armin	C/D		
902 (Sprinter)	1995 - 2005	Armin	C/D		
903 (Sprinter)	1995 - 2005	Armin	C/D		
904 (Sprinter)	1995 - 2005	Armin	C/D		
905 (Sprinter)	2001 - 2005	Armin	C/D		
906 (Sprinter)	2006 - 2013	ARCADE_906	C/D		

### Antilock Brakes Continued

MERCEDES					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
169 (A - Class)	2005 - 2012	ESP_169 (Var 007)	C/D		
170 (SLK - Class)	2002 - 2004	_ESP203	C/D		•S
170 (SLK - Class)	2002 - 2004	_ESPMK_GEN	C/D		•S
170 (SLK - Class)	2002 - 2004	_ESPMK0103	C/D		•S
170 (SLK - Class)	2002 - 2004	_ESPMK0104	C/D		•S
170 (SLK - Class)	2002 - 2004	_ESPMK0105	C/D		•S
170 (SLK - Class)	2002 - 2004	_ESPMK8100	C/D		•S
170 (SLK - Class)	2002 - 2004	_ESPMK8101	C/D		•S
170 (SLK - Class)	2002 - 2004	_ESPMK8102	C/D		•S
170 (SLK - Class)	2002 - 2004	_ESPMK8105	C/D		•S
170 (SLK - Class)	2002 - 2004	_ESPMK8106	C/D		•S
170 (SLK - Class)	2002 - 2004	_ESPMK8108	C/D		•S
171 (SLK - Class)	2004 - 2011	ESPMK25	C/D		•S
172 (SLK - Class)	2011 - 2013	ABR2_XT	C/D		•S
176 (A - Class)	2012 - 2013	ESP9MFA	C/D	•	•S
197 (SLS - Class)	2009 - 2013	ESP197_AMG 000901	C/D	•	
197 (SLS - Class)	2009 - 2013	ESP197_AMG 000903	C/D	•	
197 (SLS - Class)	2009 - 2013	ESP197_AMG 000904	C/D	•	
197 (SLS - Class)	2009 - 2013	ESP197_AMG 008900	C/D	•	
197 (SLS - Class)	2009 - 2013	ESP197_AMG 008901	C/D	•	
197 (SLS - Class)	2009 - 2013	ESP197_AMG 010900	C/D	•	
197 (SLS - Class)	2009 - 2013	ESP197_AMG 010901	C/D	•	
197 (SLS - Class)	2009 - 2013	ESP197_AMG 018900	C/D	•	
197 (SLS - Class)	2009 - 2013	ESP197_AMG 018901	C/D	•	
199 (SLR - Class)	2005 - 2010	_EHB_FSG	C/D		
203 (C - Class)	2000 - 2005	_ESP203	C/D		•S
203 (C - Class)	2000 - 2005	_ESPMK_GEN	C/D		•S
203 (C - Class)	2000 - 2005	_ESPMK0103	C/D		•S
203 (C - Class)	2000 - 2005	_ESPMK0104	C/D		•S
203 (C - Class)	2000 - 2005	_ESPMK0105	C/D		•S
203 (C - Class)	2000 - 2005	_ESPMK8100	C/D		•S
203 (C - Class)	2000 - 2005	_ESPMK8101	C/D		•S
203 (C - Class)	2000 - 2005	_ESPMK8102	C/D		•S
203 (C - Class)	2000 - 2005	_ESPMK8105	C/D		•S
203 (C - Class)	2000 - 2005	_ESPMK8106	C/D		•S
203 (C - Class)	2000 - 2005	_ESPMK8108	C/D		•S
203 (C - Class)	2003 - 2007	ESPMK25	C/D		•S
203 (CLC - Class)	2008 - 2011	ESPMK25	C/D		•S
204 (C - Class)	2007 - 2013	ABR2_XT	C/D		•S
204 (C - Class)	2007 - 2013	ESP_212	C/D	•	
204 (C - Class)	2007 - 2013	ESP_E1	C/D		•S
204 (GLK - Class)	2008 - 2013	ABR2_XT	C/D		•S
204 (GLK - Class)	2008 - 2013	ESP_212	C/D	•	
204 (GLK - Class)	2008 - 2013	ESP_E1	C/D		•S
207 (E - Coupe)	2009 - 2013	ESP_212	C/D	•	
208 (CLK - Class)	1997 - 2003	_ESP203	C/D		•S
209 (CLK - Class)	2002 - 2005	_ESP203	C/D		•S
209 (CLK - Class)	2002 - 2005	_ESPMK_GEN	C/D		•S
209 (CLK - Class)	2002 - 2005	_ESPMK0103	C/D		•S
209 (CLK - Class)	2002 - 2005	_ESPMK0104	C/D		•S
209 (CLK - Class)	2002 - 2005	_ESPMK0105	C/D		•S
209 (CLK - Class)	2002 - 2005	_ESPMK8100	C/D		•S
209 (CLK - Class)	2002 - 2005	_ESPMK8101	C/D		•S
209 (CLK - Class)	2002 - 2005	_ESPMK8102	C/D		•S
209 (CLK - Class)	2002 - 2005	_ESPMK8105	C/D		•S
209 (CLK - Class)	2002 - 2005	_ESPMK8106	C/D		•S
209 (CLK - Class)	2002 - 2005	_ESPMK8108	C/D		•S
209 (CLK - Class)	2004 - 2011	ESPMK25	C/D		•S

### Antilock Brakes Continued

MERCEDES					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
211 (E - Class)	2002 - 2004	_EHB_FSG	C/D		
211 (E - Class)	2004 - 2006	EHB_FSG	C		
211 (E - Class)	2004 - 2006	EHB_FSG	C/D		
211 (E - Class)	2004 - 2006	SBC_121_F	C/D		
211 (E - Class)	2006 - 2011	ABR_211	C/D		•
212 (E - Class)	2009 - 2013	ESP_212	C/D	•	•
215 (CL - Class)	1999 - 2006	_ESP_GEN	C/D		
216 (CL - Class)	2007 - 2013	ABR_221	C/D		•S
216 (CL - Class)	2007 - 2013	ABR_XT \$020805	C/D	•	•S
216 (CL - Class)	2007 - 2013	ABR_XT \$020806	C/D	•	•S
216 (CL - Class)	2007 - 2013	ABR_XT \$020807	C/D	•	•S
216 (CL - Class)	2007 - 2013	ABR_XT \$020808	C/D	•	•S
216 (CL - Class)	2007 - 2013	ABR_XT \$028803	C/D	•	•S
216 (CL - Class)	2007 - 2013	ABR_XT \$028804	C/D	•	•S
216 (CL - Class)	2007 - 2013	ABR_XT \$028805	C/D	•	•S
216 (CL - Class)	2007 - 2013	ABR_XT \$028806	C/D	•	•S
216 (CL - Class)	2007 - 2013	ABR_XT \$028807	C/D	•	•S
216 (CL - Class)	2007 - 2013	ABR_XT \$028808	C/D	•	•S
218 (CLS - Class)	2011 - 2013	ESP_212	C/D	•	•
220 (S - Class)	1998 - 2006	_ESP_GEN	C/D		
220 (S - Class)	2000 - 2001	_ESP_GEN	C		
221 (S - Class)	2006 - 2013	ABR_221	C/D		•S
221 (S - Class)	2006 - 2013	ABR_XT \$020805	C/D	•	•S
221 (S - Class)	2006 - 2013	ABR_XT \$020806	C/D	•	•S
221 (S - Class)	2006 - 2013	ABR_XT \$020807	C/D	•	•S
221 (S - Class)	2006 - 2013	ABR_XT \$020808	C/D	•	•S
221 (S - Class)	2006 - 2013	ABR_XT \$028803	C/D	•	•S
221 (S - Class)	2006 - 2013	ABR_XT \$028804	C/D	•	•S
221 (S - Class)	2006 - 2013	ABR_XT \$028805	C/D	•	•S
221 (S - Class)	2006 - 2013	ABR_XT \$028806	C/D	•	•S
221 (S - Class)	2006 - 2013	ABR_XT \$028807	C/D	•	•S
221 (S - Class)	2006 - 2013	ABR_XT \$028808	C/D	•	•S
230 (SL - Class)	2001 - 2006	_EHB_FSG	C/D		
230 (SL - Class)	2005 - 2012	EHB_FSG	C		
230 (SL - Class)	2005 - 2012	SBC_121_F	C/D		
231 (SL - Class)	2012 - 2013	ESP9MFA	C/D	•	•S
245 (B - Class)	2005 - 2012	ESP_169	C/D		
245 (B - Class)	2005 - 2012	ESP_169 (Var 006)	C/D		
245 (B - Class)	2005 - 2012	ESP_169 (Var 007)	C/D		
246 (B - Class)	2012 - 2013	ESP9MFA	C/D		•S
251 (R - Class)	2006 - 2013	ESP_164	C/D		•S
415 (Citan - Class)	2013 - 2013	ESP415	C/D		
463 (G - Class)	2001 - 2013	_ESP_GEN	C/D		
639 (V - Class)	2006 - 2007	639_ESP	C/D		•S
639 (V - Class)	2006 - 2007	639_ESP8	C/D		•S
639 (V - Class)	2006 - 2013	ESP_8.1	C/D	•	BB
901 (Sprinter)	1995 - 2006	639_ESP	C/D		
901 (Sprinter)	1995 - 2006	ABS901	C/D		
902 (Sprinter)	1995 - 2006	639_ESP	C/D		
902 (Sprinter)	1995 - 2006	ABS901	C/D		
903 (Sprinter)	1995 - 2006	639_ESP	C/D		
903 (Sprinter)	1995 - 2006	ABS901	C/D		
904 (Sprinter)	1995 - 2006	639_ESP	C/D		
904 (Sprinter)	1995 - 2006	ABS901	C/D		
905 (Sprinter)	2001 - 2007	639_ESP	C/D		
905 (Sprinter)	2001 - 2007	ABS901	C/D		
906 (Sprinter)	2006 - 2013	ESP_906	C/D	•	BB
906 (Sprinter)	2006 - 2013	ESP9CEI	C/D	•	•S

### Antilock Brakes

MERCEDES					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
117 (CLA - Class)	2012 - 2013	ESP9MFA	C/D	•	•S
163 (M - Class)	1998 - 2006	_ESP203	C/D		•S
163 (M - Class)	1998 - 2006	_ESPMK_GEN	C/D		•S
163 (M - Class)	1998 - 2006	_ESPMK0103	C/D		•, RA, S, BS, BB, I, P, *S
163 (M - Class)	1998 - 2006	_ESPMK0103	C/D		•S
163 (M - Class)	1998 - 2006	_ESPMK0104	C/D		•S
163 (M - Class)	1998 - 2006	_ESPMK0105	C/D		•S
163 (M - Class)	1998 - 2006	_ESPMK8100	C/D		•S
163 (M - Class)	1998 - 2006	_ESPMK8101	C/D		•S
163 (M - Class)	1998 - 2006	_ESPMK8102	C/D		•S
163 (M - Class)	1998 - 2006	_ESPMK8105	C/D		•S
163 (M - Class)	1998 - 2006	_ESPMK8106	C/D		•S
163 (M - Class)	1998 - 2006	_ESPMK8108	C/D		•S
163 (M - Class)	1998 - 2006	4_ESP	C/D		•S
163 (M - Class)	1998 - 2006	ASR_H_ABS/ASR	C/D		•S
163 (M - Class)	1998 - 2006	ASR_H_ETS	C/D		
164 (GL - Class)	2006 - 2012	ESP_164	C/D		•S
164 (M - Class)	2006 - 2012	ESP_164	C/D		•S
166 (GL - Class)	2012 - 2013	ESP_166	C/D	•	•
166 (ML - Class)	2011 - 2013	ESP_166	C/D	•	•
169 (A - Class)	2005 - 2012	ESP_169	C/D		
169 (A - Class)	2005 - 2012	ESP_169 (Var 006)	C/D		

## Auto Transmission

MERCEDES					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
117 (CLA - Class)	2012 - 2013	VGS DCT	C/D		•
124 (E - Class)	1992 - 1993	_EAG_BLINK	C/D		
124 (E - Class)	1992 - 1998	_EAG_0	C/D		
124 (E - Class)	1992 - 1998	_EAG_1	C/D		
124 (E - Class)	1992 - 1998	_EGS_DK0_1	C/D		
124 (E - Class)	1992 - 1998	_EGS_DK12	C/D		
124 (E - Class)	1992 - 1998	_EGS_DK13	C/D		
124 (E - Class)	1992 - 1998	_EGS_DK2	C/D		
124 (E - Class)	1992 - 1998	_EGS_DK20	C/D		
124 (E - Class)	1992 - 1998	_EGS_DK3	C/D		
124 (E - Class)	1992 - 1998	_EGS_DK4_5	C/D		
124 (E - Class)	1992 - 1998	_EGS_DK6	C/D		
124 (E - Class)	1992 - 1998	_EGS52	C/D	•	•
124 (E - Class)	1992 - 1998	_KSG	C/D		
129 (SL - Class)	1992 - 1997	_EAG_BLINK	C/D		
129 (SL - Class)	1992 - 2002	_EAG_0	C/D		
129 (SL - Class)	1992 - 2002	_EAG_1	C/D		
129 (SL - Class)	1992 - 2002	_EGS_DK0_1	C/D		
129 (SL - Class)	1992 - 2002	_EGS_DK12	C/D		
129 (SL - Class)	1992 - 2002	_EGS_DK13	C/D		
129 (SL - Class)	1992 - 2002	_EGS_DK2	C/D		
129 (SL - Class)	1992 - 2002	_EGS_DK20	C/D		
129 (SL - Class)	1992 - 2002	_EGS_DK3	C/D		
129 (SL - Class)	1992 - 2002	_EGS_DK4_5	C/D		
129 (SL - Class)	1992 - 2002	_EGS_DK6	C/D		
129 (SL - Class)	1992 - 2002	_EGS52	C/D	•	•
129 (SL - Class)	1992 - 2002	_KSG	C/D		
140 (S/CL - Class)	1992 - 1999	_EAG_0	C/D		
140 (S/CL - Class)	1992 - 1999	_EAG_1	C/D		
140 (S/CL - Class)	1992 - 1999	_EGS_DK0_1	C/D		
140 (S/CL - Class)	1992 - 1999	_EGS_DK12	C/D		
140 (S/CL - Class)	1992 - 1999	_EGS_DK13	C/D		
140 (S/CL - Class)	1992 - 1999	_EGS_DK2	C/D		
140 (S/CL - Class)	1992 - 1999	_EGS_DK20	C/D		
140 (S/CL - Class)	1992 - 1999	_EGS_DK3	C/D		
140 (S/CL - Class)	1992 - 1999	_EGS_DK4_5	C/D		
140 (S/CL - Class)	1992 - 1999	_EGS_DK6	C/D		
140 (S/CL - Class)	1992 - 1999	_EGS52	C/D	•	•
140 (S/CL - Class)	1992 - 1999	_KSG	C/D		
163 (M - Class)	1998 - 2006	_EAG_0	C/D		
163 (M - Class)	1998 - 2006	_EAG_1	C/D		
163 (M - Class)	1998 - 2006	_EGS_DK0_1	C/D		
163 (M - Class)	1998 - 2006	_EGS_DK12	C/D		
163 (M - Class)	1998 - 2006	_EGS_DK13	C/D		
163 (M - Class)	1998 - 2006	_EGS_DK2	C/D		
163 (M - Class)	1998 - 2006	_EGS_DK20	C/D		
163 (M - Class)	1998 - 2006	_EGS_DK3	C/D		
163 (M - Class)	1998 - 2006	_EGS_DK4_5	C/D		
163 (M - Class)	1998 - 2006	_EGS_DK6	C/D		
163 (M - Class)	1998 - 2006	_EGS52	C/D	•	•
163 (M - Class)	1998 - 2006	_KSG	C/D		
164 (GL - Class)	2006 - 2012	EGS 52	C/D	•	•
164 (GL - Class)	2006 - 2012	EGS 53	C/D	•	•
164 (GL - Class)	2006 - 2012	VGS4NAG	C/D		
164 (GL - Class)	2006 - 2012	VGSNAG2	C/D	•	•
164 (GL - Class)	2006 - 2012	VGSNAG2 (II)	C/D	•	•
164 (GL - Class)	2006 - 2012	VGSNAG2 (III)	C/D	•	•
164 (M - Class)	2006 - 2012	EGS 52	C/D	•	•

## Auto Transmission Continued

MERCEDES					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
164 (M - Class)	2006 - 2012	EGS 53	C/D	•	•
164 (M - Class)	2006 - 2012	VGS4NAG	C/D		
164 (M - Class)	2006 - 2012	VGSNAG2	C/D	•	•
164 (M - Class)	2006 - 2012	VGSNAG2 (II)	C/D	•	•
164 (M - Class)	2006 - 2012	VGSNAG2 (III)	C/D	•	•
166 (GL - Class)	2012 - 2013	EGS 52	C/D	•	
166 (GL - Class)	2012 - 2013	EGS 53	C/D	•	•
166 (GL - Class)	2012 - 2013	VGS4NAG	C/D		
166 (GL - Class)	2012 - 2013	VGSNAG2	C/D	•	•
166 (GL - Class)	2012 - 2013	VGSNAG2 (II)	C/D	•	•
166 (GL - Class)	2012 - 2013	VGSNAG2 (III)	C/D	•	•
166 (ML - Class)	2011 - 2013	EGS 52	C/D	•	
166 (ML - Class)	2011 - 2013	EGS 53	C/D	•	•
166 (ML - Class)	2011 - 2013	VGS4NAG	C/D		
166 (ML - Class)	2011 - 2013	VGSNAG2	C/D	•	•
166 (ML - Class)	2011 - 2013	VGSNAG2 (II)	C/D	•	•
166 (ML - Class)	2011 - 2013	VGSNAG2 (III)	C/D	•	•
168 (A - Class)	1998 - 2005	_FAG414	C/D		
168 (A - Class)	1998 - 2005	VGS2FAG	C		
169 (A - Class)	2005 - 2012	FCVT	C/D		
170 (SLK - Class)	1996 - 2005	_EAG_0	C/D		
170 (SLK - Class)	1996 - 2005	_EAG_1	C/D		
170 (SLK - Class)	1996 - 2005	_EGS_DK0_1	C/D		
170 (SLK - Class)	1996 - 2005	_EGS_DK12	C/D		
170 (SLK - Class)	1996 - 2005	_EGS_DK13	C/D		
170 (SLK - Class)	1996 - 2005	_EGS_DK2	C/D		
170 (SLK - Class)	1996 - 2005	_EGS_DK20	C/D		
170 (SLK - Class)	1996 - 2005	_EGS_DK3	C/D		
170 (SLK - Class)	1996 - 2005	_EGS_DK4_5	C/D		
170 (SLK - Class)	1996 - 2005	_EGS_DK6	C/D		
170 (SLK - Class)	1996 - 2005	_EGS52	C/D	•	•
170 (SLK - Class)	1996 - 2005	_KSG	C/D		
171 (SLK - Class)	2004 - 2011	EGS 52	C/D	•	
171 (SLK - Class)	2004 - 2011	EGS 53	C/D	•	•
171 (SLK - Class)	2004 - 2011	VGS4NAG	C/D		
171 (SLK - Class)	2004 - 2011	VGSNAG2	C/D	•	•
171 (SLK - Class)	2004 - 2011	VGSNAG2 (II)	C/D	•	•
171 (SLK - Class)	2004 - 2011	VGSNAG2 (III)	C/D	•	•
172 (SLK - Class)	2011 - 2013	EGS 52	C/D	•	
172 (SLK - Class)	2011 - 2013	EGS 53	C/D	•	•
172 (SLK - Class)	2011 - 2013	VGS4NAG	C/D		
172 (SLK - Class)	2011 - 2013	VGSNAG2	C/D	•	•
172 (SLK - Class)	2011 - 2013	VGSNAG2 (II)	C/D	•	•
172 (SLK - Class)	2011 - 2013	VGSNAG2 (III)	C/D	•	•
176 (A - Class)	2012 - 2013	VGS DCT	C/D		
197 (SLS - Class)	2009 - 2013	EGSHDKG_Appl_000001h	C/D		
197 (SLS - Class)	2009 - 2013	EGSHDKG_Appl_000002h	C/D		
197 (SLS - Class)	2009 - 2013	EGSHDKG_Appl_008001h	C/D		
197 (SLS - Class)	2009 - 2013	EGSHDKG_Boot_010001h	C/D		
197 (SLS - Class)	2009 - 2013	EGSHDKG_Boot_018001h	C/D		
199 (SLR - Class)	2005 - 2010	_EGS52	C/D	•	•
201 (190 - Class)	1992 - 1996	_EAG_0	C/D		
201 (190 - Class)	1992 - 1996	_EAG_1	C/D		
201 (190 - Class)	1992 - 1996	_EGS_DK0_1	C/D		
201 (190 - Class)	1992 - 1996	_EGS_DK12	C/D		
201 (190 - Class)	1992 - 1996	_EGS_DK13	C/D		
201 (190 - Class)	1992 - 1996	_EGS_DK2	C/D		
201 (190 - Class)	1992 - 1996	_EGS_DK20	C/D		

## Auto Transmission Continued

MERCEDES					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
201 (190 - Class)	1992 - 1996	_EGS_DK3	C/D		
201 (190 - Class)	1992 - 1996	_EGS_DK4_5	C/D		
201 (190 - Class)	1992 - 1996	_EGS_DK6	C/D		
201 (190 - Class)	1992 - 1996	_EGS52	C/D	•	•
201 (190 - Class)	1992 - 1996	_KSG	C/D		
202 (C - Class)	1993 - 2001	_EAG_0	C/D		
202 (C - Class)	1993 - 2001	_EAG_1	C/D		
202 (C - Class)	1993 - 2001	_EGS_DK0_1	C/D		
202 (C - Class)	1993 - 2001	_EGS_DK12	C/D		
202 (C - Class)	1993 - 2001	_EGS_DK13	C/D		
202 (C - Class)	1993 - 2001	_EGS_DK2	C/D		
202 (C - Class)	1993 - 2001	_EGS_DK20	C/D		
202 (C - Class)	1993 - 2001	_EGS_DK3	C/D		
202 (C - Class)	1993 - 2001	_EGS_DK4_5	C/D		
202 (C - Class)	1993 - 2001	_EGS_DK6	C/D		
202 (C - Class)	1993 - 2001	_EGS52	C/D	•	•
202 (C - Class)	1993 - 2001	_KSG	C/D		
203 (C - Class)	2000 - 2003	_EAG_0	C/D		
203 (C - Class)	2000 - 2003	_EAG_1	C/D		
203 (C - Class)	2000 - 2003	_EGS_DK0_1	C/D		
203 (C - Class)	2000 - 2003	_EGS_DK12	C/D		
203 (C - Class)	2000 - 2003	_EGS_DK13	C/D		
203 (C - Class)	2000 - 2003	_EGS_DK2	C/D		
203 (C - Class)	2000 - 2003	_EGS_DK20	C/D		
203 (C - Class)	2000 - 2003	_EGS_DK3	C/D		
203 (C - Class)	2000 - 2003	_EGS_DK4_5	C/D		
203 (C - Class)	2000 - 2003	_EGS_DK6	C/D		
203 (C - Class)	2000 - 2005	_EGS52	C/D	•	•
203 (C - Class)	2000 - 2005	_KSG	C/D		
203 (C - Class)	2003 - 2007	EGS 52	C/D	•	
203 (C - Class)	2006 - 2007	EGS 53	C/D	•	•
203 (C - Class)	2006 - 2007	VGS4NAG	C/D		
203 (C - Class)	2006 - 2007	VGSNAG2	C/D	•	•
203 (C - Class)	2006 - 2007	VGSNAG2 (II)	C/D	•	•
203 (C - Class)	2006 - 2007	VGSNAG2 (III)	C/D	•	•
203 (CLC - Class)	2008 - 2011	EGS 52	C/D	•	
203 (CLC - Class)	2008 - 2011	EGS 53	C/D	•	•
203 (CLC - Class)	2008 - 2011	VGS4NAG	C/D		
203 (CLC - Class)	2008 - 2011	VGSNAG2	C/D	•	•
203 (CLC - Class)	2008 - 2011	VGSNAG2 (II)	C/D	•	•
203 (CLC - Class)	2008 - 2011	VGSNAG2 (III)	C/D	•	•
204 (C - Class)	2007 - 2013	EGS 52	C/D		
204 (C - Class)	2007 - 2013	EGS 53	C/D	•	•
204 (C - Class)	2007 - 2013	VGS4NAG	C/D		
204 (C - Class)	2007 - 2013	VGSNAG2	C/D	•	•
204 (C - Class)	2007 - 2013	VGSNAG2 (II)	C/D	•	•
204 (C - Class)	2007 - 2013	VGSNAG2 (III)	C/D	•	•
204 (GLK - Class)	2008 - 2013	EGS 52	C/D		
204 (GLK - Class)	2008 - 2013	EGS 53	C/D	•	•
204 (GLK - Class)	2008 - 2013	VGS4NAG	C/D		
204 (GLK - Class)	2008 - 2013	VGSNAG2	C/D	•	•
204 (GLK - Class)	2008 - 2013	VGSNAG2 (II)	C/D	•	•
204 (GLK - Class)	2008 - 2013	VGSNAG2 (III)	C/D	•	•
207 (E - Coupe)	2009 - 2013	EGS 52	C/D		
207 (E - Coupe)	2009 - 2013	EGS 53	C/D	•	•
207 (E - Coupe)	2009 - 2013	VGS4NAG	C/D		
207 (E - Coupe)	2009 - 2013	VGSNAG2	C/D	•	•
207 (E - Coupe)	2009 - 2013	VGSNAG2 (II)	C/D	•	•

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flywheel, I - Injector Coding, O - Oil reset for DPF, P - Particulate Filter, R - Return, RA - Reset Adaptations, S - Steering Angle Sensor, I - Inertia/Body Ream, Jk - Jumper/Type Semi Auto, \* - Other (see table on page 26) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



Key for Special Functions: BB- Brake Bleed, BSS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, Jk- Jumper or Type Semi Auto, \*- Other (see table on page 263) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Auto Transmission

MERCEDES			Codes/ Data	Actuator Tests	Special Functions
Model	Years	System			
207 (E - Coupe)	2009 - 2013	VGSNAG2 (III)	C/D	•	•
208 (CLK - Class)	1997 - 2003	_EAG_0	C/D		
208 (CLK - Class)	1997 - 2003	_EAG_1	C/D		
208 (CLK - Class)	1997 - 2003	_EGS_DK0_1	C/D		
208 (CLK - Class)	1997 - 2003	_EGS_DK12	C/D		
208 (CLK - Class)	1997 - 2003	_EGS_DK13	C/D		
208 (CLK - Class)	1997 - 2003	_EGS_DK2	C/D		
208 (CLK - Class)	1997 - 2003	_EGS_DK20	C/D		
208 (CLK - Class)	1997 - 2003	_EGS_DK3	C/D		
208 (CLK - Class)	1997 - 2003	_EGS_DK4_5	C/D		
208 (CLK - Class)	1997 - 2003	_EGS_DK6	C/D		
208 (CLK - Class)	1997 - 2003	_EGS52	C/D	•	•
208 (CLK - Class)	1997 - 2003	_KSG	C/D		
209 (CLK - Class)	2002 - 2003	_EAG_0	C/D		
209 (CLK - Class)	2002 - 2003	_EAG_1	C/D		
209 (CLK - Class)	2002 - 2003	_EGS_DK0_1	C/D		
209 (CLK - Class)	2002 - 2003	_EGS_DK12	C/D		
209 (CLK - Class)	2002 - 2003	_EGS_DK13	C/D		
209 (CLK - Class)	2002 - 2003	_EGS_DK2	C/D		
209 (CLK - Class)	2002 - 2003	_EGS_DK20	C/D		
209 (CLK - Class)	2002 - 2003	_EGS_DK3	C/D		
209 (CLK - Class)	2002 - 2003	_EGS_DK4_5	C/D		
209 (CLK - Class)	2002 - 2003	_EGS_DK6	C/D		
209 (CLK - Class)	2002 - 2006	_EGS52	C/D	•	•
209 (CLK - Class)	2002 - 2006	_KSG	C/D		
209 (CLK - Class)	2004 - 2011	_EGS_52	C/D	•	
209 (CLK - Class)	2006 - 2006	_EGS52	C/D		
209 (CLK - Class)	2007 - 2011	EGS_53	C/D	•	•
209 (CLK - Class)	2007 - 2011	VGS4NAG	C/D		
209 (CLK - Class)	2007 - 2011	VGSNAG2	C/D	•	•
209 (CLK - Class)	2007 - 2011	VGSNAG2 (II)	C/D	•	•
209 (CLK - Class)	2007 - 2011	VGSNAG2 (III)	C/D	•	•
210 (E - Class)	1995 - 2002	_EAG_0	C/D		
210 (E - Class)	1995 - 2002	_EAG_1	C/D		
210 (E - Class)	1995 - 2002	_EGS_DK0_1	C/D		
210 (E - Class)	1995 - 2002	_EGS_DK12	C/D		
210 (E - Class)	1995 - 2002	_EGS_DK13	C/D		
210 (E - Class)	1995 - 2002	_EGS_DK2	C/D		
210 (E - Class)	1995 - 2002	_EGS_DK20	C/D		
210 (E - Class)	1995 - 2002	_EGS_DK3	C/D		
210 (E - Class)	1995 - 2002	_EGS_DK4_5	C/D		
210 (E - Class)	1995 - 2002	_EGS_DK6	C/D		
210 (E - Class)	1995 - 2002	_EGS52	C/D	•	•
210 (E - Class)	1995 - 2002	_KSG	C/D		
211 (E - Class)	2002 - 2004	_EGS52	C/D	•	•
211 (E - Class)	2002 - 2004	_KSG	C/D		
211 (E - Class)	2004 - 2011	EGS_52	C/D	•	
211 (E - Class)	2004 - 2011	EGS_53	C/D	•	•
211 (E - Class)	2004 - 2011	VGS4NAG	C/D		
211 (E - Class)	2004 - 2011	VGSNAG2	C/D	•	•
211 (E - Class)	2004 - 2011	VGSNAG2 (II)	C/D	•	•
211 (E - Class)	2004 - 2011	VGSNAG2 (III)	C/D	•	•
212 (E - Class)	2009 - 2013	EGS_52	C/D	•	
212 (E - Class)	2009 - 2013	EGS_53	C/D	•	•
212 (E - Class)	2009 - 2013	VGS4NAG	C/D		
212 (E - Class)	2009 - 2013	VGSNAG2	C/D	•	•
212 (E - Class)	2009 - 2013	VGSNAG2 (II)	C/D	•	•
212 (E - Class)	2009 - 2013	VGSNAG2 (III)	C/D	•	•

## Auto Transmission Continued

MERCEDES			Codes/ Data	Actuator Tests	Special Functions
Model	Years	System			
215 (CL - Class)	1999 - 2006	_EAG_0	C/D		
215 (CL - Class)	1999 - 2006	_EAG_1	C/D		
215 (CL - Class)	1999 - 2006	_EGS_DK0_1	C/D		
215 (CL - Class)	1999 - 2006	_EGS_DK12	C/D		
215 (CL - Class)	1999 - 2006	_EGS_DK13	C/D		
215 (CL - Class)	1999 - 2006	_EGS_DK2	C/D		
215 (CL - Class)	1999 - 2006	_EGS_DK20	C/D		
215 (CL - Class)	1999 - 2006	_EGS_DK3	C/D		
215 (CL - Class)	1999 - 2006	_EGS_DK4_5	C/D		
215 (CL - Class)	1999 - 2006	_EGS_DK6	C/D		
215 (CL - Class)	1999 - 2006	_EGS52	C/D	•	•
215 (CL - Class)	1999 - 2006	_KSG	C/D		
215 (CL - Class)	2003 - 2006	EGS_52	C/D	•	
215 (CL - Class)	2003 - 2006	EGS_53	C/D	•	•
215 (CL - Class)	2003 - 2006	VGSNAG2	C/D	•	•
215 (CL - Class)	2003 - 2006	VGSNAG2 (II)	C/D	•	•
215 (CL - Class)	2007 - 2013	EGS_52	C/D	•	
216 (CL - Class)	2007 - 2013	EGS_53	C/D	•	•
216 (CL - Class)	2007 - 2013	VGS4NAG	C/D		
216 (CL - Class)	2007 - 2013	VGSNAG2	C/D	•	•
216 (CL - Class)	2007 - 2013	VGSNAG2 (II)	C/D	•	•
216 (CL - Class)	2007 - 2013	VGSNAG2 (III)	C/D	•	•
216 (CLS - Class)	2011 - 2013	EGS_52	C/D	•	
216 (CLS - Class)	2011 - 2013	EGS_53	C/D	•	•
216 (CLS - Class)	2011 - 2013	VGS4NAG	C/D		
216 (CLS - Class)	2011 - 2013	VGSNAG2	C/D	•	•
216 (CLS - Class)	2011 - 2013	VGSNAG2 (II)	C/D	•	•
216 (CLS - Class)	2011 - 2013	VGSNAG2 (III)	C/D	•	•
219 (CLS - Class)	2005 - 2013	EGS_52	C/D	•	
219 (CLS - Class)	2005 - 2013	EGS_53	C/D	•	•
219 (CLS - Class)	2005 - 2013	VGS4NAG	C/D		
219 (CLS - Class)	2005 - 2013	VGSNAG2	C/D	•	•
219 (CLS - Class)	2005 - 2013	VGSNAG2 (II)	C/D	•	•
219 (CLS - Class)	2005 - 2013	VGSNAG2 (III)	C/D	•	•
220 (S - Class)	1998 - 2006	_EAG_0	C/D		
220 (S - Class)	1998 - 2006	_EAG_1	C/D		
220 (S - Class)	1998 - 2006	_EGS_DK0_1	C/D		
220 (S - Class)	1998 - 2006	_EGS_DK12	C/D		
220 (S - Class)	1998 - 2006	_EGS_DK13	C/D		
220 (S - Class)	1998 - 2006	_EGS_DK2	C/D		
220 (S - Class)	1998 - 2006	_EGS_DK20	C/D		
220 (S - Class)	1998 - 2006	_EGS_DK3	C/D		
220 (S - Class)	1998 - 2006	_EGS_DK4_5	C/D		
220 (S - Class)	1998 - 2006	_EGS_DK6	C/D		
220 (S - Class)	1998 - 2006	_EGS52	C/D	•	•
220 (S - Class)	1998 - 2006	_KSG	C/D		
220 (S - Class)	1998 - 2006	EGS_52	C/D	•	
220 (S - Class)	1998 - 2006	EGS_53	C/D	•	•
220 (S - Class)	1998 - 2006	VGSNAG2	C/D	•	•
220 (S - Class)	1998 - 2006	VGSNAG2 (II)	C/D	•	•
220 (S - Class)	2006 - 2013	EGS_52	C/D	•	
221 (S - Class)	2006 - 2013	EGS_53	C/D	•	•
221 (S - Class)	2006 - 2013	VGS4NAG	C/D		
221 (S - Class)	2006 - 2013	VGSNAG2	C/D	•	•
221 (S - Class)	2006 - 2013	VGSNAG2 (II)	C/D	•	•
221 (S - Class)	2006 - 2013	VGSNAG2 (III)	C/D	•	•
230 (SL - Class)	2001 - 2006	_EAG_0	C/D		
230 (SL - Class)	2001 - 2006	_EAG_1	C/D		

## Auto Transmission Continued

MERCEDES			Codes/ Data	Actuator Tests	Special Functions
Model	Years	System			
230 (SL - Class)	2001 - 2006	_EGS_DK0_1	C/D		
230 (SL - Class)	2001 - 2006	_EGS_DK12	C/D		
230 (SL - Class)	2001 - 2006	_EGS_DK13	C/D		
230 (SL - Class)	2001 - 2006	_EGS_DK2	C/D		
230 (SL - Class)	2001 - 2006	_EGS_DK20	C/D		
230 (SL - Class)	2001 - 2006	_EGS_DK3	C/D		
230 (SL - Class)	2001 - 2006	_EGS_DK4_5	C/D		
230 (SL - Class)	2001 - 2006	_EGS_DK6	C/D		
230 (SL - Class)	2001 - 2006	_EGS52	C/D	•	•
230 (SL - Class)	2001 - 2006	_KSG	C/D		
230 (SL - Class)	2001 - 2012	EGS_52	C/D	•	
230 (SL - Class)	2001 - 2012	EGS_53	C/D	•	•
230 (SL - Class)	2001 - 2012	VGSNAG2	C/D	•	•
230 (SL - Class)	2001 - 2012	VGSNAG2 (II)	C/D	•	•
230 (SL - Class)	2007 - 2012	VGS4NAG	C/D		
230 (SL - Class)	2007 - 2012	VGSNAG2 (III)	C/D	•	•
231 (SL - Class)	2012 - 2013	VGS4NAG	C/D		
245 (B - Class)	2005 - 2012	FCVT	C/D		
246 (B - Class)	2012 - 2013	VGSDCT	C/D		•
251 (R - Class)	2006 - 2013	EGS_52	C/D	•	
251 (R - Class)	2006 - 2013	EGS_53	C/D	•	•
251 (R - Class)	2006 - 2013	VGS4NAG	C/D		
251 (R - Class)	2006 - 2013	VGSNAG2	C/D	•	•
251 (R - Class)	2006 - 2013	VGSNAG2 (II)	C/D	•	•
251 (R - Class)	2006 - 2013	VGSNAG2 (III)	C/D	•	•
414 (Vaneo)	2002 - 2011	_FAG414	C/D		
463 (G - Class)	1992 - 2013	_EAG_0	C/D		
463 (G - Class)	1992 - 2013	_EAG_1	C/D		
463 (G - Class)	1992 - 2013	_EGS_DK0_1	C/D		
463 (G - Class)	1992 - 2013	_EGS_DK12	C/D		
463 (G - Class)	1992 - 2013	_EGS_DK13	C/D		
463 (G - Class)	1992 - 2013	_EGS_DK2	C/D		
463 (G - Class)	1992 - 2013	_EGS_DK20	C/D		
463 (G - Class)	1992 - 2013	_EGS_DK3	C/D		
463 (G - Class)	1992 - 2013	_EGS_DK4_5	C/D		
463 (G - Class)	1992 - 2013	_EGS_DK6	C/D		
463 (G - Class)	1992 - 2013	_EGS52	C/D	•	•
463 (G - Class)	1992 - 2013	_KSG	C/D		
463 (G - Class)	2007 - 2013	EGS_52	C/D	•	
463 (G - Class)	2007 - 2013	EGS_53	C/D	•	•
463 (G - Class)	2007 - 2013	VGS4NAG	C/D		
463 (G - Class)	2007 - 2013	VGSNAG2	C/D	•	•
463 (G - Class)	2007 - 2013	VGSNAG2 (II)	C/D	•	•
463 (G - Class)	2007 - 2013	VGSNAG2 (III)	C/D	•	•
638 (V - Class)	2002 - 2005	_EAG_0	C/D		
638 (V - Class)	2002 - 2005	_EAG_1	C/D		
638 (V - Class)	2002 - 2005	_EGS_DK0_1	C/D		
638 (V - Class)	2002 - 2005	_EGS_DK12	C/D		
638 (V - Class)	2002 - 2005	_EGS_DK13	C/D		
638 (V - Class)	2002 - 2005	_EGS_DK2	C/D		
638 (V - Class)	2002 - 2005	_EGS_DK20	C/D		
638 (V - Class)	2002 - 2005	_EGS_DK3	C/D		
638 (V - Class)	2002 - 2005	_EGS_DK4_5	C/D		
638 (V - Class)	2002 - 2005	_EGS_DK6	C/D		
638 (V - Class)	2002 - 2005	_EGS52	C/D	•	•
638 (V - Class)	2005 - 2005	_KSG	C/D		
639 (V - Class)	2004 - 2005	_EAG_0	C/D		
639 (V - Class)	2004 - 2005	_EAG_1	C/D		

## Auto Transmission

MERCEDES			Codes/ Data	Actuator Tests	Special Functions
Model	Years	System			
639 (V - Class)	2004 - 2005	_EGS_DK0_1	C/D		
639 (V - Class)	2004 - 2005	_EGS_DK12	C/D		
639 (V - Class)	2004 - 2005	_EGS_DK13	C/D		
639 (V - Class)	2004 - 2005	_EGS_DK2	C/D		
639 (V - Class)	2004 - 2005	_EGS_DK20	C/D		
639 (V - Class)	2004 - 2005	_EGS_DK3	C/D		
639 (V - Class)	2004 - 2005	_EGS_DK4_5	C/D		
639 (V - Class)	2004 - 2005	_EGS_DK6	C/D		
639 (V - Class)	2004 - 2005	_EGS52	C/D	•	•
639 (V - Class)	2004 - 2005	_KSG	C/D		
639 (V - Class)	2006 - 2013	ETC	C/D	•	RA
901 (Sprinter)	1995 - 2006	_EAG_0	C/D		
901 (Sprinter)	1995 - 2006	_EAG_1	C/D		
901 (Sprinter)	1995 - 2006	_EGS_DK0_1	C/D		
901 (Sprinter)	1995 - 2006	_EGS_DK12	C/D		
901 (Sprinter)	1995 - 2006	_EGS_DK13	C/D		
901 (Sprinter)	1995 - 2006	_EGS_DK2	C/D		
901 (Sprinter)	1995 - 2006	_EGS_DK20	C/D		
901 (Sprinter)	1995 - 2006	_EGS_DK3	C/D		
901 (Sprinter)	1995 - 2006	_EGS_DK4_5	C/D		
901 (Sprinter)	1995 - 2006	_EGS_DK6	C/D		
901 (Sprinter)	1995 - 2006	_EGS52	C/D	•	•
901 (Sprinter)	1995 - 2006	_KSG	C/D		
902 (Sprinter)	1995 - 2006	_EAG_0	C/D		
902 (Sprinter)	1995 - 2006	_EAG_1	C/D		
902 (Sprinter)	1995 - 2006	_EGS_DK0_1	C/D		
902 (Sprinter)	1995 - 2006	_EGS_DK12	C/D		
902 (Sprinter)	1995 - 2006	_EGS_DK13	C/D		
902 (Sprinter)	1995 - 2006	_EGS_DK2	C/D		
902 (Sprinter)	1995 - 2006	_EGS_DK20	C/D		
902 (Sprinter)	1995 - 2006	_EGS_DK3	C/D		
902 (Sprinter)	1995 - 2006	_EGS_DK4_5	C/D		
902 (Sprinter)	1995 - 2006	_EGS_DK6	C/D		
902 (Sprinter)	1995 - 2006	_EGS52	C/D	•	•
902 (Sprinter)	1995 - 2006	_KSG	C/D		
903 (Sprinter)	1995 - 2006	_EAG_0	C/D		
903 (Sprinter)	1995 - 2006	_EAG_1	C/D		
903 (Sprinter)	1995 - 2006	_EGS_DK0_1	C/D		
903 (Sprinter)	1995 - 2006	_EGS_DK12	C/D		
903 (Sprinter)	1995 - 2006	_EGS_DK13	C/D		
903 (Sprinter)	1995 - 2006	_EGS_DK2	C/D		
903 (Sprinter)	1995 - 2006	_EGS_DK20	C/D		
903 (Sprinter)	1995 - 2006	_EGS_DK3	C/D		
903 (Sprinter)	1995 - 2006	_EGS_DK4_5	C/D		
903 (Sprinter)	1995 - 2006	_EGS_DK6	C/D		
903 (Sprinter)	1995 - 2006	_EGS52	C/D	•	•
903 (Sprinter)	1995 - 2006	_KSG	C/D		
904 (Sprinter)	1995 - 2006	_EAG_0	C/D		
904 (Sprinter)	1995 - 2006	_EAG_1	C/D		
904 (Sprinter)	1995 - 2006	_EGS_DK0_1	C/D		
904 (Sprinter)	1995 - 2006	_EGS_DK12	C/D		
904 (Sprinter)	1995 - 2006	_EGS_DK13	C/D		
904 (Sprinter)	1995 - 2006	_EGS_DK2	C/D		
904 (Sprinter)	1995 - 2006	_EGS_DK20	C/D		
904 (Sprinter)	1995 - 2006	_EGS_DK3	C/D		
904 (Sprinter)	1995 - 2006	_EGS_DK4_5	C/D		
904 (Sprinter)	1995 - 2006	_EGS_DK6	C/D		
904 (Sprinter)	1995 - 2006	_EGS52	C/D	•	•

## Auto Transmission Continued

MERCEDES			Codes/ Data	Actuator Tests	Special Functions
Model	Years	System			
904 (Sprinter)	1995 - 2006	_KSG	C/D		
905 (Sprinter)	2001 - 2007	_EAG_0	C/D		
905 (Sprinter)	2001 - 2007	_EAG_1	C/D		
905 (Sprinter)	2001 - 2007	_EGS_DK0_1	C/D		
905 (Sprinter)	2001 - 2007	_EGS_DK12	C/D		
905 (Sprinter)	2001 - 2007	_EGS_DK13	C/D		
905 (Sprinter)	2001 - 2007	_EGS_DK2	C/D		
905 (Sprinter)	2001 - 2007	_EGS_DK20	C/D		
905 (Sprinter)	2001 - 2007	_EGS_DK3	C/D		
905 (Sprinter)	2001 - 2007	_EGS_DK4_5	C/D		
905 (Sprinter)	2001 - 2007	_EGS_DK6	C/D		
905 (Sprinter)	2001 - 2007	_EGS52	C/D	•	•
905 (Sprinter)	2001 - 2007	_KSG	C/D		
906 (Sprinter)	2006 - 2013	EGS 53	C/D		
906 (Sprinter)	2006 - 2013	EGS 53	C/D	•	•
906 (Sprinter)	2013 - 2013	EGS 52	C/D	•	
906 (Sprinter)	2013 - 2013	VGS4NAG	C/D		
906 (Sprinter)	2013 - 2013	VGSNAG2	C/D	•	•
906 (Sprinter)	2013 - 2013	VGSNAG2 (II)	C/D	•	•
906 (Sprinter)	2013 - 2013	VGSNAG2 (III)	C/D	•	•

## Instrument Panel

MERCEDES			Codes/ Data	Actuator Tests	Special Functions
Model	Years	System			
117 (CLA - Class)	2012 - 2013	Boot_Variant	C/D	•	
117 (CLA - Class)	2012 - 2013	Boot_Variant_Serie	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_A_Muster	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_Aej12_C_Muster	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_Aej12_D_Muster	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_Aej12_D4_Stand	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_Aej12_D4_Stand_G463_Fabrig	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_Aej13	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_B1_Muster	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_B2_1_Muster	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_B2_Muster	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_C1_Muster	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_C2_Muster	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_C3_Muster	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_D1_Muster	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_D2_Muster	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_D2_Muster_G463_Fabrig	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_1_Entry_B_Muster	C/D	•	
117 (CLA - Class)	2012 - 2013	KiG_Default	C/D	•	
129 (SL - Class)	2000 - 2000	KIW_H	C/D	•	
129 (SL - Class)	2001 - 2002	KI_210	C/D	•	
164 (GL - Class)	2006 - 2012	KI_164	C/D		
164 (M - Class)	2006 - 2012	KI_164	C/D		
166 (GL - Class)	2012 - 2013	Boot_Variant	C/D	•	
166 (GL - Class)	2012 - 2013	Boot_Variant_Serie	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_A_Muster	C/D	•	

## Instrument Panel Continued

MERCEDES			Codes/ Data	Actuator Tests	Special Functions
Model	Years	System			
166 (GL - Class)	2012 - 2013	KiG_1_Aej12_C_Muster	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_Aej12_D_Muster	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_Aej12_D4_Stand	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_Aej12_D4_Stand_G463_Fabrig	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_Aej13	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_B1_Muster	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_B2_1_Muster	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_B2_Muster	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_C1_Muster	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_C2_Muster	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_C3_Muster	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_D1_Muster	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_D2_Muster	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_D2_Muster_G463_Fabrig	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_1_Entry_B_Muster	C/D	•	
166 (GL - Class)	2012 - 2013	KiG_Default	C/D	•	
166 (ML - Class)	2011 - 2013	Boot_Variant	C/D	•	
166 (ML - Class)	2011 - 2013	Boot_Variant_Serie	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_A_Muster	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_Aej12_C_Muster	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_Aej12_D_Muster	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_Aej12_D4_Stand	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_Aej12_D4_Stand_G463_Fabrig	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_Aej13	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_B1_Muster	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_B2_1_Muster	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_B2_Muster	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_C1_Muster	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_C2_Muster	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_C3_Muster	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_D1_Muster	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_D2_Muster	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_D2_Muster_G463_Fabrig	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_1_Entry_B_Muster	C/D	•	
166 (ML - Class)	2011 - 2013	KiG_Default	C/D	•	
168 (A - Class)	1998 - 2004	KIW_H	C/D		
169 (A - Class)	2005 - 2012	KI_169	C/D		
169 (A - Class)	2005 - 2012	KI_169 (1)	C/D		
171 (SLK - Class)	2004 - 2011	KI_171	C/D	•	•
172 (SLK - Class)	2011 - 2013	Boot_Variant	C/D	•	
172 (SLK - Class)	2011 - 2013	Boot_Variant_Serie	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_A_Muster	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_Aej12_C_Muster	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_Aej12_D_Muster	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_Aej12_D4_Stand	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_Aej12_D4_Stand_G463_Fabrig	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_Aej13	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_B1_Muster	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_B2_1_Muster	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_B2_Muster	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_C1_Muster	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_C2_Muster	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_C3_Muster	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_D1_Muster	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_D2_Muster_G463_Fabrig	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_1_Entry_B_Muster	C/D	•	
172 (SLK - Class)	2011 - 2013	KiG_Default	C/D	•	

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flywheel, I - Injector Coding, O - Oil reset for DPFE, P - Particulate Filter, R - Return, RA - Reset Adaptations, S - Steering Angle Sensor, E - Electronic Body Return, J - Jumper/Type Semi Auto, \* - Other (see table on page 263) Dark grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.





## Instrument Panel Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
231 (SL - Class)	2012 - 2013	KiG_1_C1_Muster	C/D	•		
231 (SL - Class)	2012 - 2013	KiG_1_C2_Muster	C/D	•		
231 (SL - Class)	2012 - 2013	KiG_1_C3_Muster	C/D	•		
231 (SL - Class)	2012 - 2013	KiG_1_D1_Muster	C/D	•		
231 (SL - Class)	2012 - 2013	KiG_1_D2_Muster	C/D	•		
231 (SL - Class)	2012 - 2013	KiG_1_D2_Muster_G463_Fabrig	C/D	•		
231 (SL - Class)	2012 - 2013	KiG_1_Entry_B_Muster	C/D	•		
231 (SL - Class)	2012 - 2013	KiG_Default	C/D	•		
245 (B - Class)	2005 - 2012	Kl_169	C/D	•		
245 (B - Class)	2005 - 2012	Kl_169 (1)	C/D	•		
246 (B - Class)	2012 - 2013	Boot_Variant	C/D	•		
246 (B - Class)	2012 - 2013	Boot_Variant_Serie	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_A_Muster	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_AeJ12_C_Muster	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_AeJ12_D_Muster	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_AeJ12_D4_Stand	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_AeJ12_D4_Stand_G463_Fabrig	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_AeJ13	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_B1_Muster	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_B2_1_Muster	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_B2_Muster	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_C1_Muster	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_C2_Muster	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_C3_Muster	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_D1_Muster	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_D2_Muster	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_D2_Muster_G463_Fabrig	C/D	•		
246 (B - Class)	2012 - 2013	KiG_1_Entry_B_Muster	C/D	•		
246 (B - Class)	2012 - 2013	KiG_Default	C/D	•		
251 (R - Class)	2006 - 2013	Kl_164	C/D	•		
415 (Citan - Class)	2013 - 2013	Kl_415	C/D	•		
463 (G - Class)	2007 - 2013	Kl203M	C/D	•	•	
639 (V - Class)	2004 - 2013	Kl_639	C/D	•		
639 (V - Class)	2005 - 2005	Kl_639	C/D	•		
639 (V - Class)	2006 - 2007	Kl_639M	C/D	•		
906 (Sprinter)	2006 - 2013	Kl_906	C/D	•		

## Other

MERCEDES						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
117 (CLA - Class)	2012 - 2013	KLA246	C/D	•	•	Air Conditioning
166 (GL - Class)	2012 - 2013	AAC_166_004111	C/D	•	•	Air Conditioning
166 (GL - Class)	2012 - 2013	AAC_166_004200-004410	C/D	•	•	Air Conditioning
166 (GL - Class)	2012 - 2013	AAC_166_006200-006201	C/D	•	•	Air Conditioning
166 (GL - Class)	2012 - 2013	AAC_166_Base	C/D	•	•	Air Conditioning
166 (ML - Class)	2011 - 2013	AAC_166_004111	C/D	•	•	Air Conditioning
166 (ML - Class)	2011 - 2013	AAC_166_004200-004410	C/D	•	•	Air Conditioning
166 (ML - Class)	2011 - 2013	AAC_166_006200-006201	C/D	•	•	Air Conditioning
166 (ML - Class)	2011 - 2013	AAC_166_Base	C/D	•	•	Air Conditioning
169 (A - Class)	2005 - 2012	KLA169_Base	C/D	•	•	Air Conditioning
169 (A - Class)	2005 - 2012	KLA169_Basis_AC	C/D	•	•	Air Conditioning

## Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
169 (A - Class)	2005 - 2012	KLA169_Heating	C/D	•	•	Air Conditioning
169 (A - Class)	2005 - 2012	KLA169_KLA	C/D	•	•	Air Conditioning
176 (A - Class)	2012 - 2013	KLA246	C/D	•	•	Air Conditioning
203 (C - Class)	2002 - 2007	KLA204	C/D	•	•	Air Conditioning
204 (C - Class)	2007 - 2013	KLA204	C/D	•	•	Air Conditioning
204 (GLK - Class)	2008 - 2013	KLA204	C/D	•	•	Air Conditioning
207 (E - Coupe)	2009 - 2013	KLA212_000 01 15	C/D	•	•	Air Conditioning
207 (E - Coupe)	2009 - 2013	KLA212_000 02 14	C/D	•	•	Air Conditioning
212 (E - Class)	2009 - 2013	KLA212_000 01 15	C/D	•	•	Air Conditioning
212 (E - Class)	2009 - 2013	KLA212_000 02 14	C/D	•	•	Air Conditioning
245 (B - Class)	2005 - 2012	KLA169_Base	C/D	•	•	Air Conditioning
245 (B - Class)	2005 - 2012	KLA169_Basis_AC	C/D	•	•	Air Conditioning
245 (B - Class)	2005 - 2012	KLA169_Heating	C/D	•	•	Air Conditioning
245 (B - Class)	2005 - 2012	KLA169_KLA	C/D	•	•	Air Conditioning
246 (B - Class)	2012 - 2013	KLA246	C/D	•	•	Air Conditioning
211 (E - Class)	2002 - 2011	SLF_211	C/D	•	•	Air Suspension
219 (CLS - Class)	2005 - 2013	SLF_211	C/D	•	•	Air Suspension
414 (Vaneo)	2002 - 2011	_KLA414	C/D	•	•	Airco
463 (G - Class)	2001 - 2013	_KLA203	C/D	•	•	Airco
209 (CLK - Class)	2002 - 2011	_KLA203	C/D	•	•	Airco
203 (CLC - Class)	2008 - 2011	_KLA203	C/D	•	•	Airco
203 (C - Class)	2000 - 2007	_KLA203	C/D	•	•	Airco
168 (A - Class)	1998 - 2005	_KLA414	C/D	•	•	Airco
163 (M - Class)	2001 - 2006	_KLA163	C/D	•	•	Airco
163 (M - Class)	1998 - 2005	_AAM2K_FV01	C/D	•	•	All Activity Module
163 (M - Class)	1998 - 2005	_AAM2K_FV02	C/D	•	•	All Activity Module
163 (M - Class)	1998 - 2005	_AAM2K_FV03	C/D	•	•	All Activity Module
163 (M - Class)	1998 - 2005	_AAM2K_FV04	C/D	•	•	All Activity Module
163 (M - Class)	1998 - 2005	_AAM2K_FV05	C/D	•	•	All Activity Module
164 (GL - Class)	2006 - 2012	WIA4	C/D	•	•	ASSYST Active Service System
164 (M - Class)	2006 - 2012	WIA4	C/D	•	•	ASSYST Active Service System
171 (SLK - Class)	2004 - 2011	WIA	C/D	•	•	ASSYST Active Service System
251 (R - Class)	2006 - 2013	WIA4	C/D	•	•	ASSYST Active Service System
221 (S - Class)	2006 - 2013	WIA5	C/D	•	•	ASSYST Active Service System
219 (CLS - Class)	2005 - 2013	WIA \$00 00	C/D	•	•	ASSYST Active Service System
219 (CLS - Class)	2005 - 2013	WIA \$01 02	C/D	•	•	ASSYST Active Service System
219 (CLS - Class)	2005 - 2013	WIA \$01 03	C/D	•	•	ASSYST Active Service System
219 (CLS - Class)	2005 - 2013	WIA \$01 04	C/D	•	•	ASSYST Active Service System
216 (CL - Class)	2007 - 2013	WIA5	C/D	•	•	ASSYST Active Service System
211 (E - Class)	2002 - 2011	WIA \$00 00	C/D	•	•	ASSYST Active Service System
211 (E - Class)	2002 - 2011	WIA \$01 02	C/D	•	•	ASSYST Active Service System
211 (E - Class)	2002 - 2011	WIA \$01 03	C/D	•	•	ASSYST Active Service System
211 (E - Class)	2002 - 2011	WIA \$01 04	C/D	•	•	ASSYST Active Service System

## Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
211 (E - Class)	2002 - 2011	WR \$00 00	C/D	•	•	ASSYST PLUS Active Service System +
211 (E - Class)	2002 - 2011	WR \$00 01	C/D	•	•	ASSYST PLUS Active Service System +
211 (E - Class)	2002 - 2011	WR \$01 02	C/D	•	•	ASSYST PLUS Active Service System +
211 (E - Class)	2002 - 2011	WR \$01 03	C/D	•	•	ASSYST PLUS Active Service System +
211 (E - Class)	2002 - 2011	WR \$01 04	C/D	•	•	ASSYST PLUS Active Service System +
216 (CL - Class)	2007 - 2013	WR5	C/D	•	•	ASSYST PLUS Active Service System +
219 (CLS - Class)	2005 - 2013	WR \$00 00	C/D	•	•	ASSYST PLUS Active Service System +
219 (CLS - Class)	2005 - 2013	WR \$00 01	C/D	•	•	ASSYST PLUS Active Service System +
219 (CLS - Class)	2005 - 2013	WR \$01 02	C/D	•	•	ASSYST PLUS Active Service System +
219 (CLS - Class)	2005 - 2013	WR \$01 03	C/D	•	•	ASSYST PLUS Active Service System +
219 (CLS - Class)	2005 - 2013	WR \$01 04	C/D	•	•	ASSYST PLUS Active Service System +
221 (S - Class)	2006 - 2013	WR5	C/D	•	•	ASSYST PLUS Active Service System +
251 (R - Class)	2006 - 2013	WR4	C/D	•	•	ASSYST PLUS Active Service System +
171 (SLK - Class)	2004 - 2011	WR	C/D	•	•	ASSYST PLUS Active Service System +
164 (M - Class)	2006 - 2012	WR4	C/D	•	•	ASSYST PLUS Active Service System +
164 (GL - Class)	2006 - 2012	WR4	C/D	•	•	ASSYST PLUS Active Service System +
211 (E - Class)	2002 - 2011	KLA211	C/D	•	•	Automatic Air Conditioning
221 (S - Class)	2006 - 2013	KLA221	C/D	•	•	Automatic Air Conditioning
219 (CLS - Class)	2005 - 2013	VZK	C/D	•	•	Automatic Air Conditioning
216 (CL - Class)	2007 - 2013	KLA221	C/D	•	•	Automatic Air Conditioning
211 (E - Class)	2002 - 2011	VZK	C/D	•	•	Automatic Air Conditioning
219 (CLS - Class)	2005 - 2013	KLA211	C/D	•	•	Automatic Air Conditioning
210 (E - Class)	1998 - 2002	BAS_H_PIN_8	C/D	•	•	BAS - Brake Assist
210 (E - Class)	1998 - 2002	_BAS203_FV01	C/D	•	•	BAS - Brake Assist
208 (CLK - Class)	1997 - 2002	_BAS203_FV01	C/D	•	•	BAS - Brake Assist
208 (CLK - Class)	1997 - 2002	BAS_H_PIN_8	C/D	•	•	BAS - Brake Assist
129 (SL - Class)	1992 - 2001	_BAS203_FV01	C/D	•	•	BAS - Brake Assist
129 (SL - Class)	1992 - 2001	BAS_H_PIN_8	C/D	•	•	BAS - Brake Assist
170 (SLK - Class)	1998 - 2001	_BAS203_FV01	C/D	•	•	BAS - Brake Assist
170 (SLK - Class)	1998 - 2001	BAS_H_PIN_8	C/D	•	•	BAS - Brake Assist
170 (SLK - Class)	1998 - 2001	_BAS203_FV01	C/D	•	•	BAS - Brake Assist
202 (C - Class)	1998 - 2001	BAS_H_PIN_8	C/D	•	•	BAS - Brake Assist
202 (C - Class)	2001 - 2001	BAS36	C/D	•	•	BAS System
170 (SLK - Class)	1999 - 2005	BAS36	C	•	•	BAS System
129 (SL - Class)	2000 - 2002	BAS36	C/D	•	•	BAS System
163 (M - Class)	1998 - 2006	BAS36	C/D	•	•	BAS System
163 (M - Class)	2001 - 2006	BAS36	C	•	•	BAS System

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flammable, I - Injector Coding, O - Oil Reset for DPFE, P - Particulate Filter, R - Return, RA - Reset Adaptations, S - Steering Angle Sensor, E - Electronic Body Return, A - Type/Actuator or Type/Semi-Auto, \* - Other (see table on page 26) Data grey lines indicate new content at 1/4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



### Other Continued

MERCEDES			Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System				
208 (CLK - Class)	2001 - 2002	BAS36				BAS System
163 (M - Class)	2006 - 2006	_AAM2K_FV01	C/D			Base Module
163 (M - Class)	2006 - 2006	_AAM2K_FV02	C/D			Base Module
163 (M - Class)	2006 - 2006	_AAM2K_FV03	C/D			Base Module
163 (M - Class)	2006 - 2006	_AAM2K_FV04	C/D			Base Module
163 (M - Class)	2006 - 2006	_AAM2K_FV05	C/D			Base Module
219 (CLS - Class)	2005 - 2013	BSG211	C/D	•		Battery Control Module
211 (E - Class)	2002 - 2011	BSG211	C/D	•		Battery Control Module
208 (CLK - Class)	2001 - 2003	_BAS203_FV01	C/D			Brake Systems
203 (C - Class)	2000 - 2005	_BAS203_FV01	C/D			Brake Systems
230 (SL - Class)	2006 - 2006	_EHB_ASG_DK3	C/D			Brake Systems
230 (SL - Class)	2006 - 2006	_EHB_ASG_DK4	C/D			Brake Systems
230 (SL - Class)	2006 - 2006	_EHB_ASG_DK5	C/D			Brake Systems
230 (SL - Class)	2006 - 2006	_EHB_ASG_GEN	C/D			Brake Systems
463 (G - Class)	1992 - 2000	CGW204	C/D	•	•	Central Gateway
221 (S - Class)	2006 - 2013	CGW221	C/D	•	•	Central Gateway
219 (CLS - Class)	2005 - 2011	CGW211	C			Central Gateway
216 (CL - Class)	2007 - 2013	CGW221	C/D	•	•	Central Gateway
212 (E - Class)	2009 - 2013	CGW212	C/D	•	•	Central Gateway
211 (E - Class)	2002 - 2011	CGW211	C			Central Gateway
211 (E - Class)	2002 - 2011	CGW211	C/D			Central Gateway
207 (E - Coupe)	2009 - 2013	CGW212	C/D	•	•	Central Gateway
204 (GLK - Class)	2008 - 2013	CGW204	C/D	•	•	Central Gateway
203 (C - Class)	2002 - 2007	CGW204	C/D	•	•	Central Gateway
204 (C - Class)	2007 - 2013	CGW204	C/D	•	•	Central Gateway
124 (E - Class)	1993 - 1993	-	C/D			CIS-E : continuous fuel injection
164 (M - Class)	2006 - 2012	-				Clear all Codes read by Code Scan
164 (GL - Class)	2006 - 2012	-				Clear all Codes read by Code Scan
164 (M - Class)	2010 - 2012	-	C/D			Clear all Codes read by Code Scan
209 (CLK - Class)	2004 - 2011	-	C/D			Clear all Codes read by Code Scan
209 (CLK - Class)	2002 - 2011	-				Clear all Codes read by Code Scan
211 (E - Class)	2002 - 2011	-				Clear all Codes read by Code Scan
219 (CLS - Class)	2005 - 2013	-				Clear all Codes read by Code Scan
251 (R - Class)	2006 - 2013	-				Clear all Codes read by Code Scan
639 (V - Class)	2013 - 2013	-	C/D			Clear all Codes read by Code Scan
639 (V - Class)	2013 - 2013	-	C/D			Code Scan
251 (R - Class)	2006 - 2013	-				Code Scan
219 (CLS - Class)	2005 - 2013	-				Code Scan
211 (E - Class)	2002 - 2011	-				Code Scan
209 (CLK - Class)	2004 - 2011	-	C/D			Code Scan
209 (CLK - Class)	2002 - 2011	-				Code Scan
164 (M - Class)	2010 - 2012	-	C/D			Code Scan
164 (M - Class)	2006 - 2012	-				Code Scan
164 (GL - Class)	2006 - 2012	-				Code Scan
117 (CLA - Class)	2012 - 2013	CEPC	C/D			Common Powertrain Controller
176 (A - Class)	2012 - 2013	CEPC	C/D			Common Powertrain Controller

### Other Continued

MERCEDES			Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System				
246 (B - Class)	2012 - 2013	CEPC	C/D			Common Powertrain Controller
209 (CLK - Class)	2002 - 2003	_MRM209_FV01	C/D			Control Module
199 (SLR - Class)	2005 - 2010	_SAMF230_FV01	C/D			Control Module Driver
199 (SLR - Class)	2005 - 2010	_SAMF230_FV02	C/D			Control Module Driver
199 (SLR - Class)	2005 - 2010	_SAMF230_FV03	C/D			Control Module Driver
199 (SLR - Class)	2005 - 2010	_SAMF230_FV04	C/D			Control Module Driver
199 (SLR - Class)	2005 - 2010	_SAMF230_FV05	C/D			Control Module Driver
199 (SLR - Class)	2005 - 2010	_SAMF230_FV06	C/D			Control Module Driver
199 (SLR - Class)	2005 - 2010	_SAMF230_FV07	C/D			Control Module Driver
199 (SLR - Class)	2005 - 2010	_SAMF230_FV08	C/D			Control Module Driver
199 (SLR - Class)	2005 - 2010	_SAMF230_FV09	C/D			Control Module Driver
230 (SL - Class)	2001 - 2006	_SAMF230_FV01	C/D			Control Module Driver
230 (SL - Class)	2001 - 2006	_SAMF230_FV02	C/D			Control Module Driver
230 (SL - Class)	2001 - 2006	_SAMF230_FV03	C/D			Control Module Driver
230 (SL - Class)	2001 - 2006	_SAMF230_FV04	C/D			Control Module Driver
230 (SL - Class)	2001 - 2006	_SAMF230_FV05	C/D			Control Module Driver
230 (SL - Class)	2001 - 2006	_SAMF230_FV06	C/D			Control Module Driver
230 (SL - Class)	2001 - 2006	_SAMF230_FV07	C/D			Control Module Driver
230 (SL - Class)	2001 - 2006	_SAMF230_FV08	C/D			Control Module Driver
230 (SL - Class)	2001 - 2006	_SAMF230_FV09	C/D			Control Module Driver
215 (CL - Class)	1999 - 2006	_SAMF220_FV01	C/D	•	•	Control Module Driver
215 (CL - Class)	1999 - 2006	_SAMF220_FV02	C/D	•	•	Control Module Driver
215 (CL - Class)	1999 - 2006	_SAMF220_FV03	C/D	•	•	Control Module Driver
215 (CL - Class)	1999 - 2006	_SAMF220_FV04	C/D	•	•	Control Module Driver
215 (CL - Class)	1999 - 2006	_SAMF220_FV05	C/D	•	•	Control Module Driver
220 (S - Class)	1998 - 2006	_SAMF220_FV01	C/D	•	•	Control Module Driver
220 (S - Class)	1998 - 2006	_SAMF220_FV02	C/D	•	•	Control Module Driver
220 (S - Class)	1998 - 2006	_SAMF220_FV03	C/D	•	•	Control Module Driver
220 (S - Class)	1998 - 2006	_SAMF220_FV04	C/D	•	•	Control Module Driver
220 (S - Class)	1998 - 2006	_SAMF220_FV05	C/D	•	•	Control Module Driver
220 (S - Class)	1998 - 2006	_SAMB220_FV01	C/D	•		Control Module Passenger
220 (S - Class)	1998 - 2006	_SAMB220_FV02	C/D	•		Control Module Passenger
220 (S - Class)	1998 - 2006	_SAMB220_FV03	C/D	•		Control Module Passenger
215 (CL - Class)	1999 - 2006	_SAMB220_FV01	C/D	•		Control Module Passenger
215 (CL - Class)	1999 - 2006	_SAMB220_FV02	C/D	•		Control Module Passenger
215 (CL - Class)	1999 - 2006	_SAMB220_FV03	C/D	•		Control Module Passenger
230 (SL - Class)	2001 - 2006	_SAMB230_FV01	C/D			Control Module Passenger
230 (SL - Class)	2001 - 2006	_SAMB230_FV02	C/D			Control Module Passenger
230 (SL - Class)	2001 - 2006	_SAMB230_FV03	C/D			Control Module Passenger
230 (SL - Class)	2001 - 2006	_SAMB230_FV04	C/D			Control Module Passenger
230 (SL - Class)	2001 - 2006	_SAMB230_FV05	C/D			Control Module Passenger
230 (SL - Class)	2001 - 2006	_SAMB230_FV06	C/D			Control Module Passenger
230 (SL - Class)	2001 - 2006	_SAMB230_FV07	C/D			Control Module Passenger

### Other Continued

MERCEDES			Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System				
230 (SL - Class)	2001 - 2006	_SAMB230_FV08	C/D			Control Module Passenger
230 (SL - Class)	2001 - 2006	_SAMB230_FV09	C/D			Control Module Passenger
199 (SLR - Class)	2005 - 2010	_SAMB230_FV01	C/D			Control Module Passenger
199 (SLR - Class)	2005 - 2010	_SAMB230_FV02	C/D			Control Module Passenger
199 (SLR - Class)	2005 - 2010	_SAMB230_FV03	C/D			Control Module Passenger
199 (SLR - Class)	2005 - 2010	_SAMB230_FV04	C/D			Control Module Passenger
199 (SLR - Class)	2005 - 2010	_SAMB230_FV05	C/D			Control Module Passenger
199 (SLR - Class)	2005 - 2010	_SAMB230_FV06	C/D			Control Module Passenger
199 (SLR - Class)	2005 - 2010	_SAMB230_FV07	C/D			Control Module Passenger
199 (SLR - Class)	2005 - 2010	_SAMB230_FV08	C/D			Control Module Passenger
199 (SLR - Class)	2005 - 2010	_SAMB230_FV09	C/D			Control Module Passenger
220 (S - Class)	1998 - 2006	_SAMH220_FV01	C/D	•	•	Control Module Rear
220 (S - Class)	1998 - 2006	_SAMH220_FV02	C/D	•	•	Control Module Rear
220 (S - Class)	1998 - 2006	_SAMH220_FV03	C/D	•	•	Control Module Rear
215 (CL - Class)	1999 - 2006	_SAMH220_FV01	C/D	•	•	Control Module Rear
215 (CL - Class)	1999 - 2006	_SAMH220_FV02	C/D	•	•	Control Module Rear
215 (CL - Class)	1999 - 2006	_SAMH220_FV03	C/D	•	•	Control Module Rear
230 (SL - Class)	2001 - 2006	_ART220_FV01	C/D			Distronic
230 (SL - Class)	2001 - 2006	_ART220_FV02	C/D			Distronic
215 (CL - Class)	1999 - 2006	_ART220_FV01	C/D			Distronic
215 (CL - Class)	1999 - 2006	_ART220_FV02	C/D			Distronic
220 (S - Class)	1998 - 2006	_ART220_FV01	C/D			Distronic
203 (C - Class)	2000 - 2005	_ART220_FV01	C/D			Distronic
203 (C - Class)	2000 - 2005	_ART220_FV02	C/D			Distronic
209 (CLK - Class)	2002 - 2005	_ART220_FV01	C/D			Distronic
209 (CLK - Class)	2002 - 2005	_ART220_FV02	C/D			Distronic
219 (CLS - Class)	2005 - 2013	TSGHL211 \$00 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHL211 \$00 02	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHL211 \$01 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHL211 \$80 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHL211 \$80 01	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHL211 \$80 02	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHL211 \$80 03	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHL211 \$81 00	C/D			Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHL211 \$81 01	C/D			Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHR211 \$00 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHR211 \$00 02	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHR211 \$01 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHR211 \$80 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHR211 \$80 01	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHR211 \$80 02	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHR211 \$80 03	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHR211 \$81 00	C/D			Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHR211 \$81 01	C/D			Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGHR211 (D) \$00 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (D) \$00 01	C/D	•	•	Door Control Modules

Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
219 (CLS - Class)	2005 - 2013	TSGVL211 (D) \$00 02	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (D) \$01 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (D) \$80 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (D) \$80 01	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (D) \$80 02	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (D) \$80 03	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (D) \$81 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (D) \$81 01	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (P) \$00 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (P) \$00 01	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (P) \$00 02	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (P) \$01 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (P) \$80 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (P) \$80 01	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (P) \$80 02	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVL211 (P) \$80 03	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (D) \$00 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (D) \$00 01	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (D) \$00 02	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (D) \$01 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (D) \$80 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (D) \$80 01	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (D) \$80 02	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (D) \$80 03	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (D) \$81 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (D) \$81 01	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (P) \$00 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (P) \$00 01	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (P) \$00 02	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (P) \$01 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (P) \$80 00	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (P) \$80 01	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (P) \$80 02	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (P) \$80 03	C/D	•	•	Door Control Modules
219 (CLS - Class)	2005 - 2013	TSGVR211 (P) \$81 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHL211 \$00 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHL211 \$00 02	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHL211 \$01 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHL211 \$80 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHL211 \$80 01	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHL211 \$80 02	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHL211 \$80 03	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHL211 \$81 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHL211 \$81 01	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHR211 \$00 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHR211 \$00 02	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHR211 \$01 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHR211 \$80 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHR211 \$80 01	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHR211 \$80 02	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHR211 \$80 03	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHR211 \$81 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGHR211 \$81 01	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (D) \$00 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (D) \$00 01	C/D	•	•	Door Control Modules

Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
211 (E - Class)	2002 - 2011	TSGVL211 (D) \$00 02	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (D) \$01 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (D) \$80 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (D) \$80 01	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (D) \$80 02	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (D) \$80 03	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (D) \$81 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (D) \$81 01	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (P) \$00 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (P) \$00 01	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (P) \$00 02	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (P) \$01 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (P) \$80 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (P) \$80 01	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (P) \$80 02	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVL211 (P) \$80 03	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (D) \$00 01	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (D) \$00 02	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (D) \$01 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (D) \$80 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (D) \$80 01	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (D) \$80 02	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (D) \$80 03	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (D) \$81 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (D) \$81 01	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (P) \$00 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (P) \$00 01	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (P) \$00 02	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (P) \$01 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (P) \$80 00	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (P) \$80 01	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (P) \$80 02	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (P) \$80 03	C/D	•	•	Door Control Modules
211 (E - Class)	2002 - 2011	TSGVR211 (P) \$81 00	C/D	•	•	Door Control Modules
639 (V - Class)	2004 - 2005	639_ESP	C/D	•	*S	Elect Stability Program
639 (V - Class)	2004 - 2005	639_ESP8	C/D	•	*S	Elect Stability Program
221 (S - Class)	2009 - 2013	SG_EM	C/D	•		Electric motor control
211 (E - Class)	2002 - 2011	SSGF211	C/D	•		Electric Seat Adjust-ment Driver
212 (E - Class)	2009 - 2013	SEATD172	C/D	•		Electric Seat Adjust-ment Driver
212 (E - Class)	2009 - 2013	SEATD212	C/D	•		Electric Seat Adjust-ment Driver
207 (E - Coupe)	2009 - 2013	SEATD172	C/D	•		Electric Seat Adjust-ment Driver
207 (E - Coupe)	2009 - 2013	SEATD212	C/D	•		Electric Seat Adjust-ment Driver
203 (C - Class)	2002 - 2007	SEATD172	C/D	•		Electric Seat Adjust-ment Driver
203 (C - Class)	2002 - 2007	SEATD204	C/D	•		Electric Seat Adjust-ment Driver
204 (GLK - Class)	2008 - 2013	SEATD172	C/D	•		Electric Seat Adjust-ment Driver
204 (GLK - Class)	2008 - 2013	SEATD204	C/D	•		Electric Seat Adjust-ment Driver

Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
204 (C - Class)	2007 - 2013	SEATD172	C/D	•		Electric Seat Adjust-ment Driver
204 (C - Class)	2007 - 2013	SEATD204	C/D	•		Electric Seat Adjust-ment Driver
204 (C - Class)	2007 - 2013	SEATP172	C/D	•		Electric Seat Adjust-ment Front Passenger
204 (C - Class)	2007 - 2013	SEATP212	C/D	•		Electric Seat Adjust-ment Front Passenger
203 (C - Class)	2007 - 2007	SEATP172	C/D	•		Electric Seat Adjust-ment Front Passenger
203 (C - Class)	2007 - 2007	SEATP212	C/D	•		Electric Seat Adjust-ment Front Passenger
207 (E - Coupe)	2009 - 2013	SEATP172	C/D	•		Electric Seat Adjust-ment Front Passenger
207 (E - Coupe)	2009 - 2013	SEATP212	C/D	•		Electric Seat Adjust-ment Front Passenger
212 (E - Class)	2009 - 2013	SEATP172	C/D	•		Electric Seat Adjust-ment Front Passenger
212 (E - Class)	2009 - 2013	SEATP212	C/D	•		Electric Seat Adjust-ment Front Passenger
211 (E - Class)	2002 - 2011	SSGB211	C/D	•		Electric Seat Adjust-ment Front Passenger
211 (E - Class)	2004 - 2011	_EWM203	C/D	•		Electronic Gear Selector
215 (CL - Class)	1999 - 2006	_EWM220	C/D	•		Electronic Gear Selector
220 (S - Class)	1998 - 2006	_EWM220	C/D	•		Electronic Gear Selector
219 (CLS - Class)	2005 - 2013	_EWM203	C/D	•		Electronic Gear Selector
245 (B - Class)	2005 - 2012	_EWM203	C/D	•		Electronic Gear Selector
230 (SL - Class)	2001 - 2012	_EWM220	C/D	•		Electronic Gear Selector
463 (G - Class)	1992 - 2013	_EWM210	C/D	•		Electronic Gear Selector
905 (Sprinter)	2001 - 2007	_EWM210	C/D	•		Electronic Gear Selector
901 (Sprinter)	1995 - 2006	_EWM210	C/D	•		Electronic Gear Selector
902 (Sprinter)	1995 - 2006	_EWM210	C/D	•		Electronic Gear Selector
903 (Sprinter)	1995 - 2006	_EWM210	C/D	•		Electronic Gear Selector
904 (Sprinter)	1995 - 2006	_EWM210	C/D	•		Electronic Gear Selector
208 (CLK - Class)	1997 - 2003	_EWM210	C/D	•		Electronic Gear Selector
209 (CLK - Class)	2003 - 2011	_EWM203	C/D	•		Electronic Gear Selector
210 (E - Class)	1995 - 2002	_EWM210	C/D	•		Electronic Gear Selector
203 (CLC - Class)	2008 - 2011	_EWM203	C/D	•		Electronic Gear Selector
202 (C - Class)	1993 - 2001	_EWM210	C/D	•		Electronic Gear Selector
203 (C - Class)	2000 - 2007	_EWM203	C/D	•		Electronic Gear Selector

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flammable, H - Injector Coding, O - Oil reset for DPPE, P - Particulate Filter, R - Return, RA - Reset Adaptations, S - Steering Angle Sensor, I - Inertia Body Relearn, IA - Inertia Unit or Type Sensing Auto, \* - Other (see table on page 26) Data grey lines indicate new content at 14-4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

Key for Special Functions: BS: Brake Bleed, BSS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, H: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Return Adaptations, S: Steering Angle Sensor, I: Inertia Body Return, A: Type/Year or Type/Seat Auto, \* Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
170 (SLK - Class)	1999 - 2005	_EWM210	C/D	•		Electronic Gear Selector
199 (SLR - Class)	2005 - 2010	_EWM220	C/D	•		Electronic Gear Selector
171 (SLK - Class)	2004 - 2011	_EWM203	C/D	•		Electronic Gear Selector
163 (M - Class)	2001 - 2006	_EWM210	C/D	•		Electronic Gear Selector
169 (A - Class)	2005 - 2012	_EWM203	C/D	•		Electronic Gear Selector
204 (C - Class)	2007 - 2013	EHPS221_0001	C/D			Electronic Hydraulic Power Steering
204 (C - Class)	2007 - 2013	EHPS221_0101	C/D			Electronic Hydraulic Power Steering
204 (C - Class)	2007 - 2013	EHPS221_0102	C/D			Electronic Hydraulic Power Steering
204 (C - Class)	2007 - 2013	EHPS221_0103	C/D			Electronic Hydraulic Power Steering
204 (C - Class)	2007 - 2013	EHPS221_0104	C/D			Electronic Hydraulic Power Steering
204 (C - Class)	2007 - 2013	EHPS221_Base	C/D			Electronic Hydraulic Power Steering
204 (C - Class)	2007 - 2013	EHPS221_Boot	C/D			Electronic Hydraulic Power Steering
204 (GLK - Class)	2008 - 2013	EHPS221_0001	C/D			Electronic Hydraulic Power Steering
204 (GLK - Class)	2008 - 2013	EHPS221_0101	C/D			Electronic Hydraulic Power Steering
204 (GLK - Class)	2008 - 2013	EHPS221_0102	C/D			Electronic Hydraulic Power Steering
204 (GLK - Class)	2008 - 2013	EHPS221_0103	C/D			Electronic Hydraulic Power Steering
204 (GLK - Class)	2008 - 2013	EHPS221_0104	C/D			Electronic Hydraulic Power Steering
204 (GLK - Class)	2008 - 2013	EHPS221_Base	C/D			Electronic Hydraulic Power Steering
204 (GLK - Class)	2008 - 2013	EHPS221_Boot	C/D			Electronic Hydraulic Power Steering
221 (S - Class)	2006 - 2013	EHPS221_0001	C/D			Electronic Hydraulic Power Steering
221 (S - Class)	2006 - 2013	EHPS221_0101	C/D			Electronic Hydraulic Power Steering
221 (S - Class)	2006 - 2013	EHPS221_0102	C/D			Electronic Hydraulic Power Steering
221 (S - Class)	2006 - 2013	EHPS221_0103	C/D			Electronic Hydraulic Power Steering
221 (S - Class)	2006 - 2013	EHPS221_0104	C/D			Electronic Hydraulic Power Steering
221 (S - Class)	2006 - 2013	EHPS221_Base	C/D			Electronic Hydraulic Power Steering
221 (S - Class)	2006 - 2013	EHPS221_Boot	C/D			Electronic Hydraulic Power Steering
216 (CL - Class)	2007 - 2013	EHPS221_0001	C/D			Electronic Hydraulic Power Steering
216 (CL - Class)	2007 - 2013	EHPS221_0101	C/D			Electronic Hydraulic Power Steering
216 (CL - Class)	2007 - 2013	EHPS221_0102	C/D			Electronic Hydraulic Power Steering

### Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
216 (CL - Class)	2007 - 2013	EHPS221_0103	C/D			Electronic Hydraulic Power Steering
216 (CL - Class)	2007 - 2013	EHPS221_0104	C/D			Electronic Hydraulic Power Steering
216 (CL - Class)	2007 - 2013	EHPS221_Base	C/D			Electronic Hydraulic Power Steering
216 (CL - Class)	2007 - 2013	EHPS221_Boot	C/D			Electronic Hydraulic Power Steering
219 (CLS - Class)	2005 - 2013	EZS211_00001	C/D			Electronic Ignition Switch
219 (CLS - Class)	2005 - 2013	EZS211_00003	C/D			Electronic Ignition Switch
219 (CLS - Class)	2005 - 2013	EZS211_00004	C/D			Electronic Ignition Switch
219 (CLS - Class)	2005 - 2013	EZS211_00005	C/D			Electronic Ignition Switch
219 (CLS - Class)	2005 - 2013	EZS211_00006	C/D			Electronic Ignition Switch
219 (CLS - Class)	2005 - 2013	EZS211_08001	C/D			Electronic Ignition Switch
219 (CLS - Class)	2005 - 2013	EZS211_08003	C/D			Electronic Ignition Switch
219 (CLS - Class)	2005 - 2013	EZS211_08004	C/D			Electronic Ignition Switch
219 (CLS - Class)	2005 - 2013	EZS211_08005	C/D			Electronic Ignition Switch
219 (CLS - Class)	2005 - 2013	EZS211_08006	C/D			Electronic Ignition Switch
219 (CLS - Class)	2005 - 2013	EZS211_Base	C/D			Electronic Ignition Switch
212 (E - Class)	2009 - 2013	EZS204	C/D			Electronic Ignition Switch
212 (E - Class)	<b>2009 - 2013</b>	EZS212	C/D			Electronic Ignition Switch
211 (E - Class)	<b>2002 - 2011</b>	EZS211_00001	C/D			Electronic Ignition Switch
211 (E - Class)	2002 - 2011	EZS211_00003	C/D			Electronic Ignition Switch
211 (E - Class)	2002 - 2011	EZS211_00004	C/D			Electronic Ignition Switch
211 (E - Class)	2002 - 2011	EZS211_00005	C/D			Electronic Ignition Switch
211 (E - Class)	2002 - 2011	EZS211_00006	C/D			Electronic Ignition Switch
211 (E - Class)	2002 - 2011	EZS211_08001	C/D			Electronic Ignition Switch
211 (E - Class)	2002 - 2011	EZS211_08003	C/D			Electronic Ignition Switch
211 (E - Class)	2002 - 2011	EZS211_08004	C/D			Electronic Ignition Switch
211 (E - Class)	2002 - 2011	EZS211_08005	C/D			Electronic Ignition Switch
211 (E - Class)	2002 - 2011	EZS211_08006	C/D			Electronic Ignition Switch
211 (E - Class)	2002 - 2011	EZS211_Base	C/D			Electronic Ignition Switch
204 (GLK - Class)	2008 - 2013	EZS204	C/D			Electronic Ignition Switch

### Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
204 (GLK - Class)	2008 - 2013	EZS212	C/D			Electronic Ignition Switch
207 (E - Coupe)	2009 - 2013	EZS204	C/D			Electronic Ignition Switch
207 (E - Coupe)	2009 - 2013	EZS212	C/D			Electronic Ignition Switch
204 (C - Class)	2007 - 2013	EZS204	C/D			Electronic Ignition Switch
204 (C - Class)	2007 - 2013	EZS212	C/D			Electronic Ignition Switch
166 (ML - Class)	2011 - 2013	EPBK166	C/D	•	BS	Electronic Parking Brake
166 (GL - Class)	2012 - 2013	EPBK166	C/D	•	BS	Electronic Parking Brake
117 (CLA - Class)	2012 - 2013	EPBK166	C/D	•	BS	Electronic Parking Brake
176 (A - Class)	2012 - 2013	EPBK166	C/D	•	BS	Electronic Parking Brake
197 (SLS - Class)	2009 - 2013	EFB_221	C/D			Electronic Parking Brake
172 (SLK - Class)	2011 - 2013	EPBK166	C/D	•	BS	Electronic Parking Brake
216 (CL - Class)	2007 - 2013	EFB_221	C/D			Electronic Parking Brake
221 (S - Class)	2006 - 2013	EFB_221	C/D			Electronic Parking Brake
246 (B - Class)	2012 - 2013	EPBK166	C/D	•	BS	Electronic Parking Brake
231 (SL - Class)	2012 - 2013	EPBK166	C/D	•	BS	Electronic Parking Brake
246 (B - Class)	2012 - 2013	EPS246	C/D		•S	Electronic Power Steering
415 (Citan - Class)	2013 - 2013	EPS415	C/D		•S	Electronic Power Steering
176 (A - Class)	2012 - 2013	EPS246	C/D		•S	Electronic Power Steering
117 (CLA - Class)	2012 - 2013	EPS246	C/D		•S	Electronic Power Steering
168 (A - Class)	1998 - 2005	_GEM	C/D			Gear Recognition Module
246 (B - Class)	2012 - 2013	HLC166_Base	C/D	•	RA	Headlamp Control Unit
246 (B - Class)	2012 - 2013	HLC166_Boot	C/D	•	RA	Headlamp Control Unit
246 (B - Class)	2012 - 2013	HLC166_C2_Sample_0x0008	C/D	•	RA	Headlamp Control Unit
246 (B - Class)	2012 - 2013	HLC166_D_Sample_0x0009	C/D	•	RA	Headlamp Control Unit
246 (B - Class)	2012 - 2013	HLC166_D_Sample_0x000A	C/D	•	RA	Headlamp Control Unit
246 (B - Class)	2012 - 2013	HLC166_D_Sample_0x000B	C/D	•	RA	Headlamp Control Unit
166 (GL - Class)	2012 - 2013	HLC166_Base	C/D	•	RA	Headlamp Control Unit
166 (GL - Class)	2012 - 2013	HLC166_Boot	C/D	•	RA	Headlamp Control Unit
166 (GL - Class)	2012 - 2013	HLC166_C2_Sample_0x0008	C/D	•	RA	Headlamp Control Unit
166 (GL - Class)	2012 - 2013	HLC166_D_Sample_0x0009	C/D	•	RA	Headlamp Control Unit
166 (GL - Class)	2012 - 2013	HLC166_D_Sample_0x000A	C/D	•	RA	Headlamp Control Unit



## Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
166 (GL - Class)	2012 - 2013	HLC166_D_Sample_0x000B	C/D	•	RA	Headlamp Control Unit
166 (ML - Class)	2011 - 2013	HLC166_Base	C/D	•	RA	Headlamp Control Unit
166 (ML - Class)	2011 - 2013	HLC166_Boot	C/D	•		Headlamp Control Unit
166 (ML - Class)	2011 - 2013	HLC166_C2_Sample_0x0008	C/D	•	RA	Headlamp Control Unit
166 (ML - Class)	2011 - 2013	HLC166_D_Sample_0x0009	C/D	•	RA	Headlamp Control Unit
166 (ML - Class)	2011 - 2013	HLC166_D_Sample_0x000A	C/D	•	RA	Headlamp Control Unit
166 (ML - Class)	2011 - 2013	HLC166_D_Sample_0x000B	C/D	•	RA	Headlamp Control Unit
117 (CLA - Class)	2012 - 2013	HLC166_Base	C/D	•	RA	Headlamp Control Unit
117 (CLA - Class)	2012 - 2013	HLC166_Boot	C/D	•		Headlamp Control Unit
117 (CLA - Class)	2012 - 2013	HLC166_C2_Sample_0x0008	C/D	•	RA	Headlamp Control Unit
117 (CLA - Class)	2012 - 2013	HLC166_D_Sample_0x0009	C/D	•	RA	Headlamp Control Unit
117 (CLA - Class)	2012 - 2013	HLC166_D_Sample_0x000A	C/D	•	RA	Headlamp Control Unit
117 (CLA - Class)	2012 - 2013	HLC166_D_Sample_0x000B	C/D	•	RA	Headlamp Control Unit
176 (A - Class)	2012 - 2013	HLC166_Base	C/D	•	RA	Headlamp Control Unit
176 (A - Class)	2012 - 2013	HLC166_Boot	C/D	•		Headlamp Control Unit
176 (A - Class)	2012 - 2013	HLC166_C2_Sample_0x0008	C/D	•	RA	Headlamp Control Unit
176 (A - Class)	2012 - 2013	HLC166_D_Sample_0x0009	C/D	•	RA	Headlamp Control Unit
176 (A - Class)	2012 - 2013	HLC166_D_Sample_0x000A	C/D	•	RA	Headlamp Control Unit
176 (A - Class)	2012 - 2013	HLC166_D_Sample_0x000B	C/D	•	RA	Headlamp Control Unit
171 (SLK - Class)	2004 - 2011	ALWR211	C/D	•		Headlamp Range Adjustment
164 (M - Class)	2010 - 2012	ALWR211	C/D	•		Headlamp Range Adjustment
209 (CLK - Class)	2006 - 2011	ALWR211	C/D	•		Headlamp Range Adjustment
251 (R - Class)	2006 - 2013	ALWR211	C/D	•		Headlamp Range Adjustment
219 (CLS - Class)	2005 - 2013	ALWR211	C/D	•		Headlamp Range Adjustment
211 (E - Class)	2002 - 2006	ALWR211	C/D	•		Headlamp Range Adjustment
230 (SL - Class)	2003 - 2012	ALWRM203	C/D	•		Headlamp Range Adjustment (Non CAN)
230 (SL - Class)	2003 - 2012	ALWRS203	C/D	•		Headlamp Range Adjustment (Non CAN)
230 (SL - Class)	2003 - 2012	ALWRS203_NO_ACT	C/D	•		Headlamp Range Adjustment (Non CAN)
220 (S - Class)	2003 - 2006	ALWRM203	C/D	•		Headlamp Range Adjustment (Non CAN)
220 (S - Class)	2003 - 2006	ALWRS203	C/D	•		Headlamp Range Adjustment (Non CAN)
220 (S - Class)	2003 - 2006	ALWRS203_NO_ACT	C/D	•		Headlamp Range Adjustment (Non CAN)
209 (CLK - Class)	2003 - 2003	ALWRM203	C/D	•		Headlamp Range Adjustment (Non CAN)

## Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
209 (CLK - Class)	2003 - 2003	ALWRS203	C/D	•		Headlamp Range Adjustment (Non CAN)
209 (CLK - Class)	2003 - 2003	ALWRS203_NO_ACT	C/D	•		Headlamp Range Adjustment (Non CAN)
169 (A - Class)	2005 - 2012	ALWRM203	C/D	•		Headlamp Range Adjustment (Non CAN)
169 (A - Class)	2005 - 2012	ALWRS203	C/D	•		Headlamp Range Adjustment (Non CAN)
169 (A - Class)	2005 - 2012	ALWRS203_NO_ACT	C/D	•		Headlamp Range Adjustment (Non CAN)
199 (SLR - Class)	2005 - 2010	ALWRM203	C/D	•		Headlamp Range Adjustment (Non CAN)
199 (SLR - Class)	2005 - 2010	ALWRS203	C/D	•		Headlamp Range Adjustment (Non CAN)
199 (SLR - Class)	2005 - 2010	ALWRS203_NO_ACT	C/D	•		Headlamp Range Adjustment (Non CAN)
203 (C - Class)	2000 - 2007	ALWRM203	C/D	•		Headlamp Range Adjustment (Non CAN)
203 (C - Class)	2000 - 2007	ALWRS203	C/D	•		Headlamp Range Adjustment (Non CAN)
203 (C - Class)	2000 - 2007	ALWRS203_NO_ACT	C/D	•		Headlamp Range Adjustment (Non CAN)
203 (C - Class)	2000 - 2003	EZS203_FV01	C/D	•		Immobilizer
203 (C - Class)	2000 - 2003	EZS203_FV02	C/D	•		Immobilizer
203 (C - Class)	2000 - 2003	EZS203_FV03	C/D	•		Immobilizer
203 (C - Class)	2000 - 2003	EZS203_FV04	C/D	•		Immobilizer
203 (C - Class)	2000 - 2003	EZS203_FV05	C/D	•		Immobilizer
203 (C - Class)	2000 - 2003	EZS4	C/D	•		Immobilizer
209 (CLK - Class)	2002 - 2005	EZS4	C/D	•		Immobilizer
230 (SL - Class)	2001 - 2006	EZS220_FV01	C/D	•		Immobilizer
230 (SL - Class)	2001 - 2006	EZS230_FV01	C/D	•		Immobilizer
230 (SL - Class)	2001 - 2006	EZS230_FV02	C/D	•		Immobilizer
230 (SL - Class)	2001 - 2006	EZS230_FV03	C/D	•		Immobilizer
230 (SL - Class)	2001 - 2006	EZS230_FV04	C/D	•		Immobilizer
230 (SL - Class)	2001 - 2006	EZS230_FV05	C/D	•		Immobilizer
230 (SL - Class)	2001 - 2006	EZS230_FV06	C/D	•		Immobilizer
230 (SL - Class)	2001 - 2006	EZS230_FV07	C/D	•		Immobilizer
463 (G - Class)	2001 - 2013	EZS4	C/D	•		Immobilizer
463 (G - Class)	2001 - 2013	EZS463_FV01	C/D	•		Immobilizer
463 (G - Class)	2001 - 2013	EZS463_FV02	C/D	•		Immobilizer
463 (G - Class)	2001 - 2013	EZS463_FV03	C/D	•		Immobilizer
463 (G - Class)	2001 - 2013	EZS463_FV04	C/D	•		Immobilizer
463 (G - Class)	2001 - 2013	EZS463_FV05	C/D	•		Immobilizer
215 (CL - Class)	1999 - 2006	EZS220_FV01	C/D	•		Immobilizer
215 (CL - Class)	1999 - 2006	EZS230_FV01	C/D	•		Immobilizer
215 (CL - Class)	1999 - 2006	EZS230_FV02	C/D	•		Immobilizer
215 (CL - Class)	1999 - 2006	EZS230_FV03	C/D	•		Immobilizer
215 (CL - Class)	1999 - 2006	EZS230_FV04	C/D	•		Immobilizer
215 (CL - Class)	1999 - 2006	EZS230_FV05	C/D	•		Immobilizer
215 (CL - Class)	1999 - 2006	EZS230_FV06	C/D	•		Immobilizer
215 (CL - Class)	1999 - 2006	EZS230_FV07	C/D	•		Immobilizer
220 (S - Class)	1998 - 2006	EZS220_FV01	C/D	•		Immobilizer
220 (S - Class)	1998 - 2006	EZS230_FV01	C/D	•		Immobilizer
220 (S - Class)	1998 - 2006	EZS230_FV02	C/D	•		Immobilizer
220 (S - Class)	1998 - 2006	EZS230_FV03	C/D	•		Immobilizer
220 (S - Class)	1998 - 2006	EZS230_FV04	C/D	•		Immobilizer
220 (S - Class)	1998 - 2006	EZS230_FV05	C/D	•		Immobilizer
220 (S - Class)	1998 - 2006	EZS230_FV06	C/D	•		Immobilizer
220 (S - Class)	1998 - 2006	EZS230_FV07	C/D	•		Immobilizer

## Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
216 (CL - Class)	2007 - 2013	DSM_164	C/D	•		Intelligent Servo Module
216 (CL - Class)	2007 - 2013	ISM_164	C/D	•		Intelligent Servo Module
251 (R - Class)	2006 - 2013	DSM_164	C/D	•		Intelligent Servo Module
231 (SL - Class)	2012 - 2013	DSM_164	C/D	•		Intelligent Servo Module
251 (R - Class)	2006 - 2013	ISM_164	C/D	•		Intelligent Servo Module
221 (S - Class)	2006 - 2013	DSM_164	C/D	•		Intelligent Servo Module
221 (S - Class)	2006 - 2013	ISM_164	C/D	•		Intelligent Servo Module
166 (ML - Class)	2011 - 2013	DSM_164	C/D	•		Intelligent Servo Module
166 (GL - Class)	2012 - 2013	DSM_164	C/D	•		Intelligent Servo Module
166 (GL - Class)	2012 - 2013	ISM_164	C/D	•		Intelligent Servo Module
166 (ML - Class)	2011 - 2013	ISM_164	C/D	•		Intelligent Servo Module
164 (GL - Class)	2006 - 2012	ISM_164	C/D	•		Intelligent Servo Module
164 (M - Class)	2006 - 2012	DSM_164	C/D	•		Intelligent Servo Module
164 (GL - Class)	2006 - 2012	DSM_164	C/D	•		Intelligent Servo Module
164 (M - Class)	2006 - 2012	ISM_164	C/D	•		Intelligent Servo Module
215 (CL - Class)	1999 - 2002	_LWR220_FV01	C/D	•		Lights
230 (SL - Class)	2001 - 2006	_UBF230_FV01	C/D	•		Lower Control Module
230 (SL - Class)	2001 - 2006	_UBF230_FV02	C/D	•		Lower Control Module
212 (E - Class)	2009 - 2013	OCP212	C/D	•		Overhead Control Panel
219 (CLS - Class)	2005 - 2013	DBE211_Base	C/D	•		Overhead Control Panel
219 (CLS - Class)	2005 - 2013	DBE211_Light	C/D	•		Overhead Control Panel
219 (CLS - Class)	2005 - 2013	DBE211_Light 04	C/D	•		Overhead Control Panel
219 (CLS - Class)	2005 - 2013	DBE211_Light 08	C/D	•		Overhead Control Panel
219 (CLS - Class)	2005 - 2013	DBE211_With ASD	C/D	•		Overhead Control Panel
219 (CLS - Class)	2005 - 2013	DBE211_With ASD 04	C/D	•		Overhead Control Panel
219 (CLS - Class)	2005 - 2013	DBE211_With ASD 08	C/D	•		Overhead Control Panel
219 (CLS - Class)	2005 - 2013	DBE211_With SHD	C/D	•		Overhead Control Panel
219 (CLS - Class)	2005 - 2013	DBE211_With SHD 04	C/D	•		Overhead Control Panel
219 (CLS - Class)	2005 - 2013	DBE211_With SHD 08	C/D	•		Overhead Control Panel
211 (E - Class)	2002 - 2011	DBE211_Base	C/D	•		Overhead Control Panel
211 (E - Class)	2002 - 2011	DBE211_Light	C/D	•		Overhead Control Panel

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flammable, H - Inhibitor Coding, O - Oil reset for DPPE, P - Particulate Filter, R - Return, RA - Reset Adaptations, S - Steering Angle Sensor, I - Inhibit Body Relearn, A - Actuator or Type-Sent Auto, \* - Other (see table on page 26) Data grey lines indicate new content at 1/4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



### Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
211 (E - Class)	2002 - 2011	DBE211_Light 04	C/D	•		Overhead Control Panel
211 (E - Class)	2002 - 2011	DBE211_Light 08	C/D	•		Overhead Control Panel
211 (E - Class)	2002 - 2011	DBE211_With ASD	C/D	•		Overhead Control Panel
211 (E - Class)	2002 - 2011	DBE211_With ASD 04	C/D	•		Overhead Control Panel
211 (E - Class)	2002 - 2011	DBE211_With ASD 08	C/D	•		Overhead Control Panel
211 (E - Class)	2002 - 2011	DBE211_With SHD	C/D	•		Overhead Control Panel
211 (E - Class)	2002 - 2011	DBE211_With SHD 04	C/D	•		Overhead Control Panel
211 (E - Class)	2002 - 2011	DBE211_With SHD 08	C/D	•		Overhead Control Panel
207 (E - Coupe)	2009 - 2013	OCP212	C/D	•		Overhead Control Panel
204 (C - Class)	2007 - 2013	OCP204	C/D	•		Overhead Control Panel
204 (GLK - Class)	2008 - 2013	OCP204	C/D	•		Overhead Control Panel
204 (C - Class)	2007 - 2013	PSD204	C/D	•		Panoramic Sliding Roof
204 (C - Class)	2007 - 2013	PSD212 02-06	C/D	•		Panoramic Sliding Roof
204 (C - Class)	2007 - 2013	PSD212 07-0A	C/D	•		Panoramic Sliding Roof
204 (C - Class)	2007 - 2013	PSD212-Base	C/D	•		Panoramic Sliding Roof
212 (E - Class)	2009 - 2013	PSD204	C/D	•		Panoramic Sliding Roof
212 (E - Class)	2009 - 2013	PSD212 02-06	C/D	•		Panoramic Sliding Roof
212 (E - Class)	2009 - 2013	PSD212 07-0A	C/D	•		Panoramic Sliding Roof
212 (E - Class)	2009 - 2013	PSD212-Base	C/D	•		Panoramic Sliding Roof
212 (E - Class)	2009 - 2013	PTS_117 Base	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_204 \$00 00 04	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_204 \$00 00 05	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_204 \$00 00 06	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_204 \$00 00 07	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_204 \$00 00 08	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_204 \$01 00 00	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_212 \$00 00 08	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_212 \$00 00 09	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_212 \$00 21 00	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_212 \$00 21 02	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_212 \$01 00 01	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_212 \$01 00 02	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_212 \$01 01 00	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_212 \$01 01 02	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	PTS_246	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	BR_166 \$00 42 10	C/D	•	•	Parktronic
212 (E - Class)	2009 - 2013	BR_218 \$00 42 00	C/D	•	•	Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$0006	C/D	•	•	Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$0007	C/D	•	•	Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$0008	C/D	•	•	Parktronic

### Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
219 (CLS - Class)	2005 - 2013	PTS211 \$0100	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$0600	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$0601	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$0602	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$0603	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$0900	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$0901	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$0C00	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$8003	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$8004	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$8005	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$8006	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$8100	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$8602	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$8603	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$8604	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$8605	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211 \$8905	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211MOPF \$000B	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211MOPF \$000C	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211MOPF \$0110	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211MOPF \$0410	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211MOPF \$0700	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211MOPF \$0910	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211MOPF \$8110	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211MOPF \$8301	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211MOPF \$8410	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211MOPF \$8700	C/D	•		Parktronic
219 (CLS - Class)	2005 - 2013	PTS211MOPF \$8910	C/D	•		Parktronic
216 (CL - Class)	2007 - 2013	PTS_212 \$00 00 08	C/D	•	•	Parktronic
216 (CL - Class)	2007 - 2013	PTS_212 \$00 00 09	C/D	•	•	Parktronic
216 (CL - Class)	2007 - 2013	PTS_212 \$00 21 00	C/D	•	•	Parktronic
216 (CL - Class)	2007 - 2013	PTS_212 \$01 00 01	C/D	•	•	Parktronic
216 (CL - Class)	2007 - 2013	PTS_212 \$01 00 02	C/D	•	•	Parktronic
216 (CL - Class)	2007 - 2013	PTS_212 \$01 01 00	C/D	•	•	Parktronic
216 (CL - Class)	2007 - 2013	PTS_221 \$0000	C/D	•	•	Parktronic
216 (CL - Class)	2007 - 2013	PTS_221 \$0001	C/D	•	•	Parktronic
216 (CL - Class)	2007 - 2013	PTS_221 \$0002	C/D	•	•	Parktronic
216 (CL - Class)	2007 - 2013	PTS_221 \$0003	C/D	•	•	Parktronic
216 (CL - Class)	2007 - 2013	PTS_221 \$00E0	C/D	•	•	Parktronic
216 (CL - Class)	2007 - 2013	PTS_221 \$8002	C/D	•	•	Parktronic
216 (CL - Class)	2007 - 2013	PTS_221 \$8003	C/D	•	•	Parktronic
216 (CL - Class)	2007 - 2013	PTS_221 \$80E0	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	PTS_117 Base	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	PTS_204 \$00 00 04	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	PTS_204 \$00 00 05	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	PTS_204 \$00 00 06	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	PTS_204 \$00 00 07	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	PTS_204 \$00 00 08	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	PTS_204 \$01 00 00	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	PTS_212 \$00 00 08	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	PTS_212 \$00 00 09	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	PTS_212 \$00 21 01	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	PTS_212 \$00 21 02	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	PTS_212 \$01 00 01	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	PTS_212 \$01 00 02	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	PTS_212 \$01 01 00	C/D	•	•	Parktronic

### Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
218 (CLS - Class)	2011 - 2013	PTS_246	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	BR_166 \$00 42 10	C/D	•	•	Parktronic
218 (CLS - Class)	2011 - 2013	BR_218 \$00 42 00	C/D	•	•	Parktronic
230 (SL - Class)	2001 - 2012	PTS_230	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	APC169 \$00 00 01	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	APC169 \$00 00 02	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	APC169 \$00 00 03	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	APC169 \$00 00 04	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	APC169 \$00 00 05	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	APC169 \$00 00 06	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	APC169 \$00 00 07	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	APC169 \$00 00 08	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	APC169 \$00 00 09	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	APC169 \$00 00 0A	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	PTS169 \$0100	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	PTS169 \$0102	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	PTS169 \$0103	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	PTS169 \$0104	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	PTS169 \$8100	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	PTS169 \$8102	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	PTS169 \$8103	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	PTS169 \$8104	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	PTS169 \$8105	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	PTS169 \$8106	C/D	•	•	Parktronic
245 (B - Class)	2005 - 2012	PTS169 \$8107	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_117 Base	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_204 \$00 00 04	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_204 \$00 00 05	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_204 \$01 00 06	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_204 \$00 00 07	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_204 \$00 00 08	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_204 \$01 00 00	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_212 \$00 00 08	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_212 \$00 00 09	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_212 \$00 21 00	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_212 \$00 21 01	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_212 \$00 21 02	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_212 \$01 00 01	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_212 \$01 00 02	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_212 \$01 01 00	C/D	•	•	Parktronic
246 (B - Class)	2012 - 2013	PTS_246	C/D	•	•	Parktronic
221 (S - Class)	2006 - 2013	PTS_212 \$00 00 08	C/D	•	•	Parktronic
221 (S - Class)	2006 - 2013	PTS_212 \$00 00 09	C/D	•	•	Parktronic
221 (S - Class)	2006 - 2013	PTS_212 \$00 21 00	C/D	•	•	Parktronic
221 (S - Class)	2006 - 2013	PTS_212 \$01 00 01	C/D	•	•	Parktronic
221 (S - Class)	2006 - 2013	PTS_212 \$01 00 02	C/D	•	•	Parktronic
221 (S - Class)	2006 - 2013	PTS_212 \$01 01 00	C/D	•	•	Parktronic
221 (S - Class)	2006 - 2013	PTS_221 \$0000	C/D	•	•	Parktronic
221 (S - Class)	2006 - 2013	PTS_221 \$0001	C/D	•	•	Parktronic
221 (S - Class)	2006 - 2013	PTS_221 \$0002	C/D	•	•	Parktronic
221 (S - Class)	2006 - 2013	PTS_221 \$0003	C/D	•	•	Parktronic
221 (S - Class)	2006 - 2013	PTS_221 \$00E0	C/D	•	•	Parktronic
221 (S - Class)	2006 - 2013	PTS_221 \$8002	C/D	•	•	Parktronic
221 (S - Class)	2006 - 2013	PTS_221 \$8003	C/D	•	•	Parktronic
221 (S - Class)	2006 - 2013	PTS_221 \$80E0	C/D	•	•	Parktronic
251 (R - Class)	2006 - 2013	PTS164 \$0300	C/D	•	•	Parktronic
251 (R - Class)	2006 - 2013	PTS164 \$040B	C/D	•	•	Parktronic

Key for Special Functions: BB-Brake Blend, BS-Brake Service, C-Crash Data, CF-Configuration, E-Elec, F-Fluorescent, H-Injector Coding, O-Oil reset for DPPE, P-Particulate Filter, R-Return, RR-Reset Adaptation's S-Steering Angle Sensor, I-Interior Body Return, A-Airpump or Type Vent Auto, \*-Other (see table on page 26) Dark grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated.



Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, H- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, Re- Reset Adaptations, S- Steering/Angle Sensor, E- Electronic Body Return, M- Meter/Instrument Type, S- Servo Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

Other Continued

MERCEDES				Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System	Years				
164 (GL - Class)	2006 - 2012	PTS164 \$8408	C/D				Parktronic
164 (GL - Class)	2006 - 2012	PTS164 \$8409	C/D				Parktronic
164 (GL - Class)	2006 - 2012	PTS164 \$840A	C/D				Parktronic
164 (GL - Class)	2006 - 2012	PTS211MOPF \$000B	C/D				Parktronic
164 (GL - Class)	2006 - 2012	PTS211MOPF \$000C	C/D				Parktronic
164 (GL - Class)	2006 - 2012	PTS211MOPF \$0110	C/D				Parktronic
164 (GL - Class)	2006 - 2012	PTS211MOPF \$0410	C/D				Parktronic
164 (GL - Class)	2006 - 2012	PTS211MOPF \$0700	C/D				Parktronic
164 (GL - Class)	2006 - 2012	PTS211MOPF \$0910	C/D				Parktronic
164 (GL - Class)	2006 - 2012	PTS211MOPF \$8110	C/D				Parktronic
164 (GL - Class)	2006 - 2012	PTS211MOPF \$8301	C/D				Parktronic
164 (GL - Class)	2006 - 2012	PTS211MOPF \$8410	C/D				Parktronic
164 (GL - Class)	2006 - 2012	PTS211MOPF \$8700	C/D				Parktronic
164 (GL - Class)	2006 - 2012	PTS211MOPF \$8910	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	BR_166 \$00 42 10	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	BR_218 \$00 42 00	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_117 Base	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_204 \$00 00 04	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_204 \$00 00 05	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_204 \$00 00 06	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_204 \$00 00 07	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_204 \$00 00 08	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_204 \$01 00 00	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_204 \$01 00 01	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_204 \$01 00 02	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_204 \$01 00 03	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_204 \$01 00 04	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_204 \$01 00 05	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_204 \$01 00 06	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_204 \$01 00 07	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_204 \$01 00 08	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_212 \$00 00 09	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_212 \$00 00 21	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_212 \$00 21 01	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_212 \$00 21 02	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_212 \$01 00 01	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_212 \$01 00 02	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_212 \$01 01 00	C/D				Parktronic
117 (CLA - Class)	2012 - 2013	PTS_246	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_117 Base	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_204 \$00 00 04	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_204 \$00 00 05	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_204 \$00 00 06	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_204 \$00 00 07	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_204 \$00 00 08	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_204 \$01 00 00	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_212 \$00 00 08	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_212 \$00 00 09	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_212 \$00 21 01	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_212 \$00 21 02	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_212 \$01 00 01	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_212 \$01 00 02	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_212 \$01 00 01	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_212 \$01 00 02	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_212 \$01 01 00	C/D				Parktronic
166 (ML - Class)	2011 - 2013	PTS_246	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_117 Base	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_204 \$00 00 04	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_204 \$00 00 05	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_204 \$00 00 06	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_204 \$00 00 07	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_204 \$00 00 08	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_204 \$01 00 00	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_212 \$00 00 09	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_212 \$00 00 08	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_212 \$00 00 09	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_212 \$00 21 01	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_212 \$00 21 02	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_212 \$01 00 01	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_212 \$01 00 02	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_212 \$01 01 00	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_246	C/D				Parktronic

Other Continued

MERCEDES				Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System	Years				
166 (GL - Class)	2012 - 2013	PTS_212 \$00 21 01	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_212 \$00 21 02	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_212 \$01 00 01	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_212 \$01 00 02	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_212 \$01 01 00	C/D				Parktronic
166 (GL - Class)	2012 - 2013	PTS_246	C/D				Parktronic
166 (ML - Class)	2011 - 2013	BR_166 \$00 42 10	C/D				Parktronic
166 (ML - Class)	2011 - 2013	BR_218 \$00 42 00	C/D				Parktronic
166 (GL - Class)	2012 - 2013	BR_166 \$00 42 10	C/D				Parktronic
166 (GL - Class)	2012 - 2013	BR_218 \$00 42 00	C/D				Parktronic
169 (A - Class)	2005 - 2012	APC169 \$00 00 01	C/D				Parktronic
169 (A - Class)	2005 - 2012	APC169 \$00 00 02	C/D				Parktronic
169 (A - Class)	2005 - 2012	APC169 \$00 00 03	C/D				Parktronic
169 (A - Class)	2005 - 2012	APC169 \$00 00 04	C/D				Parktronic
169 (A - Class)	2005 - 2012	APC169 \$00 00 05	C/D				Parktronic
169 (A - Class)	2005 - 2012	APC169 \$00 00 06	C/D				Parktronic
169 (A - Class)	2005 - 2012	APC169 \$00 00 07	C/D				Parktronic
169 (A - Class)	2005 - 2012	APC169 \$00 00 08	C/D				Parktronic
169 (A - Class)	2005 - 2012	APC169 \$00 00 09	C/D				Parktronic
169 (A - Class)	2005 - 2012	APC169 \$00 00 0A	C/D				Parktronic
169 (A - Class)	2005 - 2012	PTS169 \$0100	C/D				Parktronic
169 (A - Class)	2005 - 2012	PTS169 \$0101	C/D				Parktronic
169 (A - Class)	2005 - 2012	PTS169 \$0102	C/D				Parktronic
169 (A - Class)	2005 - 2012	PTS169 \$0103	C/D				Parktronic
169 (A - Class)	2005 - 2012	PTS169 \$0104	C/D				Parktronic
169 (A - Class)	2005 - 2012	PTS169 \$8100	C/D				Parktronic
169 (A - Class)	2005 - 2012	PTS169 \$8102	C/D				Parktronic
169 (A - Class)	2005 - 2012	PTS169 \$8103	C/D				Parktronic
169 (A - Class)	2005 - 2012	PTS169 \$8104	C/D				Parktronic
169 (A - Class)	2005 - 2012	PTS169 \$8105	C/D				Parktronic
169 (A - Class)	2005 - 2012	PTS169 \$8106	C/D				Parktronic
169 (A - Class)	2005 - 2012	PTS169 \$8107	C/D				Parktronic
197 (SLS - Class)	2009 - 2013	BR_166 \$00 42 10	C/D				Parktronic
197 (SLS - Class)	2009 - 2013	BR_218 \$00 42 00	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS_203	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS203 \$0001	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS203 \$0100	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS203 \$0500	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS203 \$0F00	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS203 \$8001	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS203 \$8002	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS203 \$8003	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS211MOPF \$000B	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS211MOPF \$000C	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS211MOPF \$0110	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS211MOPF \$0410	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS211MOPF \$0700	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS211MOPF \$0910	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS211MOPF \$8110	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS211MOPF \$8301	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS211MOPF \$8410	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS211MOPF \$8700	C/D				Parktronic
203 (C - Class)	2000 - 2007	PTS211MOPF \$8910	C/D				Parktronic
172 (SLK - Class)	2011 - 2013	BR_166 \$00 42 10	C/D				Parktronic
172 (SLK - Class)	2011 - 2013	BR_218 \$00 42 00	C/D				Parktronic
176 (A - Class)	2012 - 2013	BR_166 \$00 42 10	C/D				Parktronic
176 (A - Class)	2012 - 2013	BR_218 \$00 42 00	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_117 Base	C/D				Parktronic

Other Continued

MERCEDES				Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System	Years				
176 (A - Class)	2012 - 2013	PTS_204 \$00 00 04	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_204 \$00 00 05	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_204 \$00 00 06	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_204 \$00 00 07	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_204 \$00 00 08	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_204 \$01 00 00	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_212 \$00 00 08	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_212 \$00 00 09	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_212 \$00 21 00	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_212 \$00 21 01	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_212 \$00 21 02	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_212 \$01 00 01	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_212 \$01 00 02	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_212 \$01 01 00	C/D				Parktronic
176 (A - Class)	2012 - 2013	PTS_246	C/D				Parktronic
197 (SLS - Class)	2009 - 2013	PTS_117 Base	C/D				Parktronic
197 (SLS - Class)	2009 - 2013	PTS_204 \$00 00 04	C/D				Parktronic
197 (SLS - Class)	2009 - 2013	PTS_204 \$00 00 05	C/D				Parktronic
197 (SLS - Class)	2009 - 2013	PTS_204 \$00 00 06	C/D				Parktronic
197 (SLS - Class)	2009 - 2013	PTS_204 \$00 00 07	C/D				Parktronic
197 (SLS - Class)	2009 - 2013	PTS_204 \$00 00 08	C/D				Parktronic
197 (SLS - Class)	2009 - 2013	PTS_204 \$01 00 00	C/D				



## Other Continued

MERCEDES			Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System				
171 (SLK - Class)	2004 - 2011	PTS211 \$8003	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211 \$8004	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211 \$8005	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211 \$8006	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211 \$8100	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211 \$8602	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211 \$8603	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211 \$8604	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211 \$8605	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211 \$8905	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211MOPF \$000B	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211MOPF \$000C	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211MOPF \$0110	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211MOPF \$0410	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211MOPF \$0700	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211MOPF \$0910	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211MOPF \$8110	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211MOPF \$8301	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211MOPF \$8410	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211MOPF \$8700	C/D	•		Parktronic
171 (SLK - Class)	2004 - 2011	PTS211MOPF \$8910	C/D	•		Parktronic
639 (V - Class)	2008 - 2013	PTS639	C/D	•		Parktronic System
639 (V - Class)	2008 - 2013	PTS639M	C/D	•	•	Parktronic System
166 (ML - Class)	2011 - 2013	HBF_166_Base	C/D	•		Rear Air Conditioning
166 (GL - Class)	2012 - 2013	HBF_166_Base	C/D	•		Rear Air Conditioning
221 (S - Class)	2006 - 2013	KBEH221	C/D	•		Rear Air Conditioning
221 (S - Class)	2009 - 2013	RBS_221	C/D	•	•S	Operating Unit Regenerative braking system
220 (S - Class)	2000 - 2002	-				Reset Service Interval
901 (Sprinter)	1995 - 2000	-	C/D			Reset Service Interval
901 (Sprinter)	1995 - 2006	-				Reset Service Interval
638 (V - Class)	1995 - 2005	-	C/D			Reset Service Interval
905 (Sprinter)	2001 - 2007	-				Reset Service Interval
904 (Sprinter)	1995 - 2000	-	C/D			Reset Service Interval
904 (Sprinter)	1995 - 2006	-				Reset Service Interval
903 (Sprinter)	1995 - 2006	-				Reset Service Interval
902 (Sprinter)	1995 - 2006	-				Reset Service Interval
230 (SL - Class)	2001 - 2012	-				Reset Service Interval
215 (CL - Class)	1999 - 2006	-				Reset Service Interval
168 (A - Class)	2005 - 2005	-				Reset Service Interval
170 (SLK - Class)	1999 - 2005	-				Reset Service Interval
170 (SLK - Class)	1996 - 2005	-	C/D			Reset Service Interval
199 (SLR - Class)	2005 - 2010	_DBE230_FV01	C/D			Roof Control
199 (SLR - Class)	2005 - 2010	_DBE230_FV02	C/D			Roof Control
230 (SL - Class)	2001 - 2006	_DBE230_FV01	C/D			Roof Control
230 (SL - Class)	2001 - 2006	_DBE230_FV02	C/D			Roof Control
251 (R - Class)	2010 - 2013	SCR_Boot-Variant	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_Boot-Variant Serie	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V10	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V15	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V20	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V21	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V21 S1	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V21 S2	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V21 S4	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V21 S5	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V21 S6	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V21	C/D			Selective Catalytic Reduction (AdBlue)

## Other Continued

MERCEDES			Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System				
251 (R - Class)	2010 - 2013	SCR_V21 S1	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V21 S2	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V21 S4	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V21 S5	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V21 S6	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V21 S7	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V22	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V23	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V30	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V31	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V32	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V33	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V50_V51_V52_V55_V56	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V57	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V58	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V59	C/D			Selective Catalytic Reduction (AdBlue)
251 (R - Class)	2010 - 2013	SCR_V60	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_Boot-Variant	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_Boot-Variant Serie	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V10	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V15	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V20	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V21	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V21 S1	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V21 S2	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V21 S4	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V21 S5	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V21 S6	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V21	C/D			Selective Catalytic Reduction (AdBlue)

## Other Continued

MERCEDES			Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System				
221 (S - Class)	2010 - 2013	SCR_V21 S7	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V22	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V23	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V30	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V31	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V32	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V33	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V50_V51_V52_V55_V56	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V57	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V58	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V59	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V60	C/D			Selective Catalytic Reduction (AdBlue)
221 (S - Class)	2010 - 2013	SCR_V61	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_Boot-Variant	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_Boot-Variant Serie	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_V10	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_V15	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_V20	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_V21	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_V21 S1	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_V21 S2	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_V21 S4	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_V21 S5	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_V21 S6	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_V21 S7	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_V22	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_V23	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_V30	C/D			Selective Catalytic Reduction (AdBlue)
212 (E - Class)	2010 - 2013	SCR_V31	C/D			Selective Catalytic Reduction (AdBlue)

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flammable, I - Injector Coding, O - Oil reset for DPF, P - Particulate Filter, R - Return, RA - Reset Adaptations, S - Steering Angle Sensor, E - Inertia Body Return, M - Meter/Unit or Type Sent Auto, \* - Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



Key for Special Functions: BS: Brake Bleed, BSS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Injector Coding, O: Oil Reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertia Body Return, A: Type of Air, \* : Other (see table on page 26) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Other Continued

MERCEDES	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
	212 (E - Class)	2010 - 2013	SCR_V32	C/D			Selective Catalytic Reduction (AdBlue)
	212 (E - Class)	2010 - 2013	SCR_V33	C/D			Selective Catalytic Reduction (AdBlue)
	212 (E - Class)	2010 - 2013	SCR_V50_V51_V52_V55_V56	C/D			Selective Catalytic Reduction (AdBlue)
	212 (E - Class)	2010 - 2013	SCR_V57	C/D			Selective Catalytic Reduction (AdBlue)
	212 (E - Class)	2010 - 2013	SCR_V58	C/D			Selective Catalytic Reduction (AdBlue)
	212 (E - Class)	2010 - 2013	SCR_V59	C/D			Selective Catalytic Reduction (AdBlue)
	212 (E - Class)	2010 - 2013	SCR_V60	C/D			Selective Catalytic Reduction (AdBlue)
	212 (E - Class)	2010 - 2013	SCR_V61	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_Boot-Variant	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_Boot-Variant Serie	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V10	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V15	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V20	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V21	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V21 S1	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V21 S2	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V21 S4	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V21 S5	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V21 S6	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V21 S7	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V22	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V23	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V30	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V31	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V32	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V33	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V50_V51_V52_V55_V56	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V57	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V58	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V32	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V33	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V50_V51_V52_V55_V56	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V57	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V58	C/D			Selective Catalytic Reduction (AdBlue)

### Other Continued

MERCEDES	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
	166 (ML - Class)	2012 - 2013	SCR_V59	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V60	C/D			Selective Catalytic Reduction (AdBlue)
	166 (ML - Class)	2012 - 2013	SCR_V61	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_Boot-Variant	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_Boot-Variant Serie	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V10	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V15	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V20	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V21	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V21 S1	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V21 S2	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V21 S4	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V21 S5	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V21 S6	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V21 S7	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V22	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V23	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V30	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V31	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V32	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V33	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V50_V51_V52_V55_V56	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V57	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V58	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V59	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V60	C/D			Selective Catalytic Reduction (AdBlue)
	164 (GL - Class)	2010 - 2012	SCR_V61	C/D			Selective Catalytic Reduction (AdBlue)
	199 (SLR - Class)	2005 - 2010	EHB_ASG	C/D			Sensotronic brake control
	211 (E - Class)	2002 - 2006	EHB_ASG	C/D		BS	Sensotronic brake control

### Other Continued

MERCEDES	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
	230 (SL - Class)	2001 - 2008	EHB_ASG	C/D			Sensotronic Brake Control
	230 (SL - Class)	2003 - 2012	EHB_ASG	C/D		BS	Sensotronic Brake Control
	245 (B - Class)	2005 - 2012	SIR	C/D			Service Interval Reset
	221 (S - Class)	2006 - 2013	SIR	C/D			Service Interval Reset
	220 (S - Class)	2000 - 2006	SIR	C			Service Interval Reset
	251 (R - Class)	2006 - 2013	SIR	C/D			Service Interval Reset
	246 (B - Class)	2012 - 2013	SIR	C/D			Service Interval Reset
	231 (SL - Class)	2012 - 2013	SIR	C/D			Service Interval Reset
	906 (Sprinter)	2006 - 2013	SIR	C/D			Service Interval Reset
	639 (V - Class)	2004 - 2013	KL_639	C/D			Service Interval Reset
	639 (V - Class)	2004 - 2013	KL_639M	C/D			Service Interval Reset
	415 (Citan - Class)	2013 - 2013	KL_415	C/D			Service Interval Reset
	210 (E - Class)	1997 - 1999	-	C/D			Service Interval Reset
	211 (E - Class)	2002 - 2011	SIR	C/D			Service Interval Reset
	212 (E - Class)	2009 - 2013	SIR	C/D			Service Interval Reset
	216 (CL - Class)	2007 - 2013	SIR	C/D			Service Interval Reset
	218 (CL - Class)	2011 - 2013	SIR	C/D			Service Interval Reset
	220 (S - Class)	1998 - 2006	SIR	C/D			Service Interval Reset
	219 (CLS - Class)	2005 - 2013	SIR	C/D			Service Interval Reset
	202 (C - Class)	1993 - 2001	-	C/D			Service Interval Reset
	176 (A - Class)	2012 - 2013	SIR	C/D			Service Interval Reset
	203 (C - Class)	2000 - 2007	KL_203	C/D			Service Interval Reset
	203 (C - Class)	2000 - 2007	KL203M	C/D			Service Interval Reset
	169 (A - Class)	2005 - 2012	SIR	C/D			Service Interval Reset
	171 (SLK - Class)	2004 - 2011	SIR	C/D			Service Interval Reset
	172 (SLK - Class)	2011 - 2013	SIR	C/D			Service Interval Reset
	163 (M - Class)	2001 - 2006	_KL163				Service Interval Reset
	117 (CLA - Class)	2012 - 2013	SIR	C/D			Service Interval Reset
	164 (M - Class)	2006 - 2012	SIR	C/D			Service Interval Reset
	163 (M - Class)	1998 - 2006	_KL163	C/D			Service Interval Reset
	164 (GL - Class)	2006 - 2012	SIR	C/D			Service Interval Reset
	166 (GL - Class)	2012 - 2013	SIR	C/D			Service Interval Reset
	168 (A - Class)	1998 - 2005	SIR	C/D			Service Interval Reset
	166 (ML - Class)	2011 - 2013	SIR	C/D			Service Interval Reset
	209 (CLK - Class)	2002 - 2011	SIR	C/D			Service Interval Reset
	207 (E - Coupe)	2009 - 2013	SIR	C/D			Service Interval Reset
	203 (CLC - Class)	2008 - 2011	KL_203	C/D			Service Interval Reset
	203 (CLC - Class)	2008 - 2011	KL203M	C/D			Service Interval Reset
	204 (GLK - Class)	2008 - 2013	SIR	C/D			Service Interval Reset
	204 (C - Class)	2007 - 2013	SIR	C/D			Service Interval Reset
	209 (CLK - Class)	2002 - 2002	-				Service Interval Reset (Manual)
	169 (A - Class)	2005 - 2005	-	C/D			Service Interval Reset (Manual)
	245 (B - Class)	2005 - 2005	-	C/D			Service Interval Reset (Manual)
	414 (Vaneo)	2002 - 2011	-				Service Interval Reset (Manual)
	220 (S - Class)	2002 - 2006	-				Service Interval Reset (Manual)
	246 (B - Class)	2012 - 2013	SAMF_166_Base	C/D	•	•	Signal Acquisition Module
	169 (A - Class)	2005 - 2012	SAM169_00000	C/D	•		Signal Acquisition Module
	169 (A - Class)	2005 - 2012	SAM169_00006&0206	C/D	•		Signal Acquisition Module

## Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
169 (A - Class)	2005 - 2012	SAM169_0007	C/D	•		Signal Acquisition Modules
169 (A - Class)	2005 - 2012	SAM169_000A&\$010A	C/D	•		Signal Acquisition Modules
169 (A - Class)	2005 - 2012	SAM169_0207	C/D	•		Signal Acquisition Modules
169 (A - Class)	2005 - 2012	SAM169_030B	C/D	•		Signal Acquisition Modules
169 (A - Class)	2005 - 2012	SAM169_080A&\$820A	C/D	•		Signal Acquisition Modules
169 (A - Class)	2005 - 2012	SAM169_0810A	C/D	•		Signal Acquisition Modules
169 (A - Class)	2005 - 2012	SAM169_Base	C/D	•		Signal Acquisition Modules
166 (GL - Class)	2012 - 2013	SAMF_166_Base	C/D	•	•	Signal Acquisition Modules
166 (ML - Class)	2011 - 2013	SAMF_166_Base	C/D	•	•	Signal Acquisition Modules
117 (CLA - Class)	2012 - 2013	SAMF_166_Base	C/D	•	•	Signal Acquisition Modules
176 (A - Class)	2012 - 2013	SAMF_166_Base	C/D	•	•	Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant 209 03	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant 209 06	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant 209 07	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant 209 08	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant 209 09	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Klima	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Klima 02	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Klima 05	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Klima_W_CL_ohne_WWSH_AJ021	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Klima_W_CL_ohne_WWSH_AJ031	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Klima_W_CL_ohne_WWSH_AJ031_Diag_10	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Klima_W_CL_ohne_WWSH_AJ031_Diag_11	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Klima_W_CL_ohne_WWSH_AJ041_Diag_13	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Klima_W_CL_ohne_WWSH_AJ051_Diag_16	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Klima_W_CL_ohne_WWSH_AJ072_Diag_17	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max	C/D	•		Signal Acquisition Modules

## Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
203 (C - Class)	2000 - 2007	SAMV203 Variant Max 02	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max 03	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max 05	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max 0601 05	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max 08	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max 9401 05	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max_A_C_W_CL_AJ021	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max_A_C_W_CL_AJ031	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max_A_C_W_CL_AJ031_Diag_10	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max_A_C_W_CL_AJ031_Diag_11	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max_A_C_W_CL_AJ041_Diag_13	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max_A_C_W_CL_AJ051_Diag_16	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max_A_C_W_CL_AJ072_Diag_17	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max_S_AJ021	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max_S_AJ031	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max_S_AJ031 mit Diagnosekennung 10	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max_S_AJ031 mit Diagnosekennung 11	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max_S_AJ041 mit Diagnosekennung 13	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max_S_AJ051 mit Diagnosekennung 16	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Max_S_AJ072 mit Diagnosekennung 17	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie 05	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie S CL 05	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie_A_C_Klima_W_CL_AJ021	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie_A_C_Klima_W_CL_AJ031	C/D	•		Signal Acquisition Modules

## Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie_A_C_Klima_W_CL_AJ031_Diag_10	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie_A_C_Klima_W_CL_AJ031_Diag_11	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie_A_C_Klima_W_CL_AJ041_Diag_13	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie_A_C_Klima_W_CL_AJ051_Diag_16	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie_A_C_Klima_W_CL_AJ072_Diag_17	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie_A_C_W_CL_AJ051_Diag_16	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie_S_AJ021	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie_S_AJ031	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie_S_AJ031_Diag_10	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie_S_CL	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie_W_CL_AJ021	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	SAMV203 Variant Serie_W_CL_AJ031_Diag_10	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant Basis	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 203 mit EDW ab Diagnosekennung \$0107	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 203 ohne EDW ab Diagnosekennung \$0207	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 203 ohne EDW ab Diagnosekennung \$0209	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 203 ohne EDW ab Diagnosekennung \$0210	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 203 ohne EDW ab Diagnosekennung \$0211	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 203 ohne EDW ab Diagnosekennung \$0212	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 203 ohne EDW ab Diagnosekennung \$0213	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 209 mit EDW ab Diagnosekennung \$0307	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 209 mit EDW ab Diagnosekennung \$0309	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 209 mit EDW ab Diagnosekennung \$0310	C/D	•		Signal Acquisition Modules

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flammable, I - Injector Coding, O - Oil reset for DPF, P - Particulate Filter, R - Return, RK - Reset Adaptations, S - Steering Angle Sensor, E - Electronic Body Return, H - Hydraulic, J - Jumper, L - Lock, M - Motor, N - Noise, P - Particulate Filter, R - Return, RK - Reset Adaptations, S - Steering Angle Sensor, T - Tire Pressure Monitoring, V - Valve, W - Window, X - X-Drive, Y - Yaw Rate, Z - Z-Drive. Codes/Data: C - Codes, D - Data. Actuator tests: • - Actuator tests. Special Functions: • - Special Functions. Base System: • - Base System. Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Other Continued

MERCEDES		System	Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years					
203 (C - Class)	2000 - 2007	Variant BR 209 mit EDW ab Diagnosekennung \$0311	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 209 mit EDW ab Diagnosekennung \$0312	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 209 mit EDW ab Diagnosekennung \$0313	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 209 ohne EDW ab Diagnosekennung \$0407	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 209 ohne EDW ab Diagnosekennung \$0409	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 209 ohne EDW ab Diagnosekennung \$0410	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 209 ohne EDW ab Diagnosekennung \$0411	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 209 ohne EDW ab Diagnosekennung \$0412	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant BR 209 ohne EDW ab Diagnosekennung \$0413	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant SAM - H BR 203	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant SAM-H 203 für die BR209 für Fahrzeuge mit	C/D	•		Signal Acquisition Modules
203 (C - Class)	2000 - 2007	Variant SAMH 209 ohne EDW Funktion	C/D	•		Signal Acquisition Modules
164 (GL - Class)	2006 - 2012	SAMF_164_0001	C/D	•	•	Signal Acquisition Modules
164 (GL - Class)	2006 - 2012	SAMF_164_0009	C/D	•	•	Signal Acquisition Modules
164 (GL - Class)	2006 - 2012	SAMF_164_000A	C/D	•	•	Signal Acquisition Modules
164 (GL - Class)	2006 - 2012	SAMF_164_Base	C/D	•	•	Signal Acquisition Modules
164 (GL - Class)	2006 - 2012	SAMR_164_0000	C/D	•		Signal Acquisition Modules
164 (GL - Class)	2006 - 2012	SAMR_164_0001	C/D	•		Signal Acquisition Modules
164 (GL - Class)	2006 - 2012	SAMR_164_0007	C/D	•		Signal Acquisition Modules
164 (GL - Class)	2006 - 2012	SAMR_164_000B	C/D	•		Signal Acquisition Modules
164 (GL - Class)	2006 - 2012	SAMR_164_Base	C/D	•		Signal Acquisition Modules
164 (M - Class)	2006 - 2012	SAMF_164_0001	C/D	•	•	Signal Acquisition Modules
164 (M - Class)	2006 - 2012	SAMF_164_0009	C/D	•	•	Signal Acquisition Modules
164 (M - Class)	2006 - 2012	SAMF_164_000A	C/D	•	•	Signal Acquisition Modules
164 (M - Class)	2006 - 2012	SAMF_164_Base	C/D	•	•	Signal Acquisition Modules
164 (M - Class)	2006 - 2012	SAMR_164_0000	C/D	•		Signal Acquisition Modules
164 (M - Class)	2006 - 2012	SAMR_164_0001	C/D	•		Signal Acquisition Modules

### Other Continued

MERCEDES		System	Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years					
164 (M - Class)	2006 - 2012	SAMR_164_0007	C/D	•		Signal Acquisition Modules
164 (M - Class)	2006 - 2012	SAMR_164_000B	C/D	•		Signal Acquisition Modules
164 (M - Class)	2006 - 2012	SAMR_164_Base	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 \$0003	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 \$0003 SHZ	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 \$0004	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 \$0004 SHZ	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 \$8008	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 \$800A	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 \$800D	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 \$800E	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 \$8028	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 \$8028 SHZ	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 \$8029	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 \$8029 SHZ	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 2 Gen \$8020	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 2 Gen \$8021	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 2 Gen \$8022	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 2 Gen \$8023-\$8024	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMB211 2 Gen \$8023- \$8024	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMH211 Change 2005 X \$0200	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMH211 Change 2007 X	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMH211 Change 2008 X	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMH211 Modelpflege 2006	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMH211 Base	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMH211 EDW S211	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMH211 EDW W211	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMH211 S211 E4 Muster	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMH211 Variant Basis	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMH211 W211 2003 X \$8101	C/D	•		Signal Acquisition Modules

### Other Continued

MERCEDES		System	Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years					
211 (E - Class)	2002 - 2011	SAMH211 W211 Change 2003 X	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 \$8012	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 \$8013	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 \$8014	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 \$8015	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 \$8016	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 \$8017	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 \$801B	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 2 Gen \$0000	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 2 Gen \$0003	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 2 Gen \$8021	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 2 Gen \$8022	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 2 Gen \$8023	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 2 Gen \$8025	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 2 Gen MOPF \$0004	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 2 Gen MOPF \$0005	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 2 Gen MOPF \$0006	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 2 Gen MOPF \$8030	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 2 Gen MOPF \$8032	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 2 Gen MOPF \$8033	C/D	•		Signal Acquisition Modules
211 (E - Class)	2002 - 2011	SAMV211 Variant Nullserie	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMF_204_\$000010-\$000013	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMF_204_Base	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMF_212	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_204_Base	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_010F	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0110	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0111	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0112	C/D	•		Signal Acquisition Modules



Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
207 (E - Coupe)	2009 - 2013	SAMR_212_0113	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0114	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0115	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0116	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0117	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0118	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0119	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_011A	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0200	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0201	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0202	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0203	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0204	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0205	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0300	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0301	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_0302	C/D	•		Signal Acquisition Modules
207 (E - Coupe)	2009 - 2013	SAMR_212_Base	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMF_204_\$000010-\$000013	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMF_204_Base	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMF_212	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_204_Base	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_010F	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0110	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0111	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0112	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0113	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0114	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0115	C/D	•		Signal Acquisition Modules

Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
204 (C - Class)	2007 - 2013	SAMR_212_0116	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0117	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0118	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0119	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_011A	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0200	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0201	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0202	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0203	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0204	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0205	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0300	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0301	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_0302	C/D	•		Signal Acquisition Modules
204 (C - Class)	2007 - 2013	SAMR_212_Base	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMF_204_\$000010-\$000013	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMF_204_Base	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMF_212	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_204_Base	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_010F	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0110	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0111	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0112	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0113	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0114	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0115	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0116	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0117	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0118	C/D	•		Signal Acquisition Modules

Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
204 (GLK - Class)	2008 - 2013	SAMR_212_0119	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_011A	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0200	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0201	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0202	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0203	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0204	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0205	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0300	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0301	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_0302	C/D	•		Signal Acquisition Modules
204 (GLK - Class)	2008 - 2013	SAMR_212_Base	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant 209 03	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant 209 06	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant 209 07	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant 209 08	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant 209 09	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant Klima	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant Klima 02	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant Klima 05	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant Klima_W_CL_ohne_WWSH_AJ021	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant Klima_W_CL_ohne_WWSH_AJ031	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant Klima_W_CL_ohne_WWSH_AJ031_Diag_10	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant Klima_W_CL_ohne_WWSH_AJ031_Diag_11	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant Klima_W_CL_ohne_WWSH_AJ041_Diag_13	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant Klima_W_CL_ohne_WWSH_AJ051_Diag_16	C/D	•		Signal Acquisition Modules
203 (CLC - Class)	2008 - 2011	SAMV203 Variant Klima_W_CL_ohne_WWSH_AJ072_Diag_17	C/D	•		Signal Acquisition Modules

Key for Special Functions: ABS Brake Bleed, ABS Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electric Body Return, A: Air Type or Type Semi Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 14, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, RK- Reset Adaptations, S- Steering Angle Sensor, E- Inertia Body Relearn, H- Hydraulic or Type Seat Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Other Continued

MERCEDES	Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max 02	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max 03	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max 05	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max 0601 05	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max 08	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max 9401 05	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max_A_C_W_CL_AJ021	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max_A_C_W_CL_AJ031	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max_A_C_W_CL_AJ031_Diag_10	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max_A_C_W_CL_AJ031_Diag_11	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max_A_C_W_CL_AJ041_Diag_13	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max_A_C_W_CL_AJ051_Diag_16	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max_A_C_W_CL_AJ072_Diag_17	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max_S_AJ021	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max_S_AJ031	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max_S_AJ031 mit Diagnosekennung 10	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max_S_AJ031 mit Diagnosekennung 11	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max_S_AJ041 mit Diagnosekennung 13	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max_S_AJ051 mit Diagnosekennung 16	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Max_S_AJ072 mit Diagnosekennung 17	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie 05	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie S CL 05	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie_A_C_Klima_W_CL_AJ021	C/D	•		Signal Acquisition Modules

### Other Continued

MERCEDES	Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie_A_C_Klima_W_CL_AJ031	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie_A_C_Klima_W_CL_AJ031_Diag_10	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie_A_C_Klima_W_CL_AJ031_Diag_11	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie_A_C_Klima_W_CL_AJ041_Diag_13	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie_A_C_Klima_W_CL_AJ051_Diag_16	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie_A_C_Klima_W_CL_AJ072_Diag_17	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie_A_C_W_CL_AJ051_Diag_16	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie_S_AJ021	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie_S_AJ031	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie_S_AJ031_Diag_10	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie_S_CL	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie_W_CL_AJ021	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	SAMV203 Variant Serie_W_CL_AJ031_Diag_10	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant Basis	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 203 mit EDW ab Diagnosekennung \$0107	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 203 ohne EDW ab Diagnosekennung \$0207	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 203 ohne EDW ab Diagnosekennung \$0209	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 203 ohne EDW ab Diagnosekennung \$0210	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 203 ohne EDW ab Diagnosekennung \$0211	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 203 ohne EDW ab Diagnosekennung \$0212	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 203 ohne EDW ab Diagnosekennung \$0213	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 209 mit EDW ab Diagnosekennung \$0307	C/D	•		Signal Acquisition Modules

### Other Continued

MERCEDES	Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
	203 (CLC - Class)	2008 - 2011	Variant BR 209 mit EDW ab Diagnosekennung \$0309	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 209 mit EDW ab Diagnosekennung \$0310	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 209 mit EDW ab Diagnosekennung \$0311	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 209 mit EDW ab Diagnosekennung \$0312	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 209 mit EDW ab Diagnosekennung \$0313	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 209 ohne EDW ab Diagnosekennung \$0407	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 209 ohne EDW ab Diagnosekennung \$0409	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 209 ohne EDW ab Diagnosekennung \$0410	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 209 ohne EDW ab Diagnosekennung \$0411	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 209 ohne EDW ab Diagnosekennung \$0412	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant BR 209 ohne EDW ab Diagnosekennung \$0413	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant SAM - H BR 203	C/D	•		Signal Acquisition Modules
	203 (CLC - Class)	2008 - 2011	Variant SAM-H 203 fur die BR209 fur fahrzeuge mit Variant SAMH 209 ohne EDW Funktion	C/D	•		Signal Acquisition Modules
	245 (B - Class)	2005 - 2012	SAM169_ \$0000	C/D	•		Signal Acquisition Modules
	245 (B - Class)	2005 - 2012	SAM169_ \$0006&\$0206	C/D	•		Signal Acquisition Modules
	245 (B - Class)	2005 - 2012	SAM169_ \$0007	C/D	•		Signal Acquisition Modules
	245 (B - Class)	2005 - 2012	SAM169_ \$000A&\$010A	C/D	•		Signal Acquisition Modules
	245 (B - Class)	2005 - 2012	SAM169_ \$0207	C/D	•		Signal Acquisition Modules
	245 (B - Class)	2005 - 2012	SAM169_ \$030B	C/D	•		Signal Acquisition Modules
	245 (B - Class)	2005 - 2012	SAM169_ \$800A&\$820A	C/D	•		Signal Acquisition Modules
	245 (B - Class)	2005 - 2012	SAM169_ \$810A	C/D	•		Signal Acquisition Modules
	245 (B - Class)	2005 - 2012	SAM169_Base	C/D	•		Signal Acquisition Modules
	221 (S - Class)	2006 - 2013	SAMF_221_0002	C/D	•	•	Signal Acquisition Modules
	221 (S - Class)	2006 - 2013	SAMF_221_0004	C/D	•	•	Signal Acquisition Modules
	221 (S - Class)	2006 - 2013	SAMF_221_0006	C/D	•	•	Signal Acquisition Modules
	221 (S - Class)	2006 - 2013	SAMF_221_0007	C/D	•	•	Signal Acquisition Modules

Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
221 (S - Class)	2006 - 2013	SAMF_221_0009	C/D	•	•	Signal Acquisition Modules
221 (S - Class)	2006 - 2013	SAMF_221_8016	C/D	•	•	Signal Acquisition Modules
221 (S - Class)	2006 - 2013	SAMF_221_801A	C/D	•	•	Signal Acquisition Modules
221 (S - Class)	2006 - 2013	SAMF_221_8103	C/D	•	•	Signal Acquisition Modules
221 (S - Class)	2006 - 2013	SAMF_221_8116	C/D	•	•	Signal Acquisition Modules
221 (S - Class)	2006 - 2013	SAMF_221_Base	C/D	•	•	Signal Acquisition Modules
221 (S - Class)	2006 - 2013	SAMR_221_8009	C/D	•	•	Signal Acquisition Modules
221 (S - Class)	2006 - 2013	SAMR_221_8010	C/D	•	•	Signal Acquisition Modules
221 (S - Class)	2006 - 2013	SAMR_221_Base	C/D	•	•	Signal Acquisition Modules
251 (R - Class)	2006 - 2013	SAMF_164_0001	C/D	•	•	Signal Acquisition Modules
251 (R - Class)	2006 - 2013	SAMF_164_0009	C/D	•	•	Signal Acquisition Modules
251 (R - Class)	2006 - 2013	SAMF_164_000A	C/D	•	•	Signal Acquisition Modules
251 (R - Class)	2006 - 2013	SAMF_164_Base	C/D	•	•	Signal Acquisition Modules
251 (R - Class)	2006 - 2013	SAMR_164_0000	C/D	•	•	Signal Acquisition Modules
251 (R - Class)	2006 - 2013	SAMR_164_0001	C/D	•	•	Signal Acquisition Modules
251 (R - Class)	2006 - 2013	SAMR_164_0007	C/D	•	•	Signal Acquisition Modules
251 (R - Class)	2006 - 2013	SAMR_164_000B	C/D	•	•	Signal Acquisition Modules
251 (R - Class)	2006 - 2013	SAMR_164_Base	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 \$0003	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 \$0003 SHZ	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 \$0004	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 \$0004 SHZ	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 \$8008	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 \$800A	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 \$800D	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 \$800E	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 \$8028	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 \$8028 SHZ	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 \$8029	C/D	•	•	Signal Acquisition Modules

Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
219 (CLS - Class)	2005 - 2013	SAMB211 \$8029 SHZ	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 2 Gen \$8020	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 2 Gen \$8021	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 2 Gen \$8022	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMB211 2 Gen \$8023- \$8024	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMH211 Change 2005 X \$0200	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMH211 Change 2007 X	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMH211 Change 2008 X	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMH211 Modelpflege 2006	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMH211 Base	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMH211 EDW S211	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMH211 EDW W211	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMH211 S211 E4 Muster	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMH211 Variant Basis	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMH211 W211 2003 X \$8101	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMH211 W211 Change 2003 X	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 \$8012	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 \$8013	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 \$8014	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 \$8015	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 \$8016	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 \$8017	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 \$801B	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 2 Gen \$0000	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 2 Gen \$0003	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 2 Gen \$8021	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 2 Gen \$8022	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 2 Gen \$8023	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 2 Gen \$8025	C/D	•	•	Signal Acquisition Modules

Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
219 (CLS - Class)	2005 - 2013	SAMV211 2 Gen MOPF \$0004	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 2 Gen MOPF \$0005	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 2 Gen MOPF \$0006	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 2 Gen MOPF \$8030	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 2 Gen MOPF \$8032	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 2 Gen MOPF \$8033	C/D	•	•	Signal Acquisition Modules
219 (CLS - Class)	2005 - 2013	SAMV211 Variant Nullserie	C/D	•	•	Signal Acquisition Modules
216 (CL - Class)	2007 - 2013	SAMF_221_0002	C/D	•	•	Signal Acquisition Modules
216 (CL - Class)	2007 - 2013	SAMF_221_0004	C/D	•	•	Signal Acquisition Modules
216 (CL - Class)	2007 - 2013	SAMF_221_0006	C/D	•	•	Signal Acquisition Modules
216 (CL - Class)	2007 - 2013	SAMF_221_0007	C/D	•	•	Signal Acquisition Modules
216 (CL - Class)	2007 - 2013	SAMF_221_0009	C/D	•	•	Signal Acquisition Modules
216 (CL - Class)	2007 - 2013	SAMF_221_8016	C/D	•	•	Signal Acquisition Modules
216 (CL - Class)	2007 - 2013	SAMF_221_801A	C/D	•	•	Signal Acquisition Modules
216 (CL - Class)	2007 - 2013	SAMF_221_8103	C/D	•	•	Signal Acquisition Modules
216 (CL - Class)	2007 - 2013	SAMF_221_8116	C/D	•	•	Signal Acquisition Modules
216 (CL - Class)	2007 - 2013	SAMF_221_Base	C/D	•	•	Signal Acquisition Modules
216 (CL - Class)	2007 - 2013	SAMR_221_8009	C/D	•	•	Signal Acquisition Modules
216 (CL - Class)	2007 - 2013	SAMR_221_8010	C/D	•	•	Signal Acquisition Modules
216 (CL - Class)	2007 - 2013	SAMR_221_Base	C/D	•	•	Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMF_204_000010- \$000013	C/D	•	•	Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMF_204_Base	C/D	•	•	Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMF_212	C/D	•	•	Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_204_Base	C/D	•	•	Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_010F	C/D	•	•	Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0110	C/D	•	•	Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0111	C/D	•	•	Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0112	C/D	•	•	Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0113	C/D	•	•	Signal Acquisition Modules

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, A- Type of or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
212 (E - Class)	2009 - 2013	SAMR_212_0114	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0115	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0116	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0117	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0118	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0119	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_011A	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0200	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0201	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0202	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0203	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0204	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0205	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0300	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0301	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_0302	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SAMR_212_Base	C/D	•		Signal Acquisition Modules
212 (E - Class)	2009 - 2013	SCM166_0406	C/D	•		Steering Column Module
212 (E - Class)	2009 - 2013	SCM166_0409	C/D	•		Steering Column Module
212 (E - Class)	2009 - 2013	SCM166_0506	C/D	•		Steering Column Module
212 (E - Class)	2009 - 2013	SCM166_0507	C/D	•		Steering Column Module
212 (E - Class)	2009 - 2013	SCM166_Base	C/D	•		Steering Column Module
212 (E - Class)	2009 - 2013	SCM166_Boot	C/D	•		Steering Column Module
212 (E - Class)	2009 - 2013	SCM212_Base	C/D	•		Steering Column Module
212 (E - Class)	2009 - 2013	SCM212_BR218	C/D	•		Steering Column Module
212 (E - Class)	2009 - 2013	SCM212_Kostal	C/D	•		Steering Column Module
215 (CL - Class)	1999 - 2006	_MRM220_FV01	C/D			Steering Column Module
215 (CL - Class)	1999 - 2006	_MRM220_FV02	C/D			Steering Column Module
215 (CL - Class)	1999 - 2006	_MRM230_FV01	C/D			Steering Column Module

### Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
219 (CLS - Class)	2005 - 2013	SCM_171	C/D	•		Steering Column Module
219 (CLS - Class)	2005 - 2013	SCM_211	C/D	•		Steering Column Module
220 (S - Class)	1998 - 2006	_MRM220_FV01	C/D			Steering Column Module
220 (S - Class)	1998 - 2006	_MRM220_FV02	C/D			Steering Column Module
220 (S - Class)	1998 - 2006	_MRM230_FV01	C/D			Steering Column Module
220 (S - Class)	2000 - 2001	_MRM230_FV01	C			Steering Column Module
220 (S - Class)	2002 - 2002	_EZS220_FV01	C/D			Steering Column Module
220 (S - Class)	2002 - 2002	_EZS230_FV01	C/D			Steering Column Module
220 (S - Class)	2002 - 2002	_EZS230_FV02	C/D			Steering Column Module
220 (S - Class)	2002 - 2002	_EZS230_FV03	C/D			Steering Column Module
220 (S - Class)	2002 - 2002	_EZS230_FV04	C/D			Steering Column Module
220 (S - Class)	2002 - 2002	_EZS230_FV05	C/D			Steering Column Module
220 (S - Class)	2002 - 2002	_EZS230_FV06	C/D			Steering Column Module
220 (S - Class)	2002 - 2002	_EZS230_FV07	C/D			Steering Column Module
246 (B - Class)	2012 - 2013	SCM166_0406	C/D	•		Steering Column Module
246 (B - Class)	2012 - 2013	SCM166_0409	C/D	•		Steering Column Module
246 (B - Class)	2012 - 2013	SCM166_0506	C/D	•		Steering Column Module
246 (B - Class)	2012 - 2013	SCM166_0507	C/D	•		Steering Column Module
246 (B - Class)	2012 - 2013	SCM166_Base	C/D	•		Steering Column Module
246 (B - Class)	2012 - 2013	SCM166_Boot	C/D	•		Steering Column Module
245 (B - Class)	2005 - 2012	MRM169_0100	C/D	•,S		Steering Column Module
245 (B - Class)	2005 - 2012	MRM169_08100	C/D	•,S		Steering Column Module
245 (B - Class)	2005 - 2012	MRM169_08101	C/D	•,S		Steering Column Module
245 (B - Class)	2005 - 2012	MRM169_08102	C/D	•,S		Steering Column Module
245 (B - Class)	2005 - 2012	MRM169_08103	C/D	•,S		Steering Column Module
245 (B - Class)	2005 - 2012	MRM169_08104	C/D	•,S		Steering Column Module
245 (B - Class)	2005 - 2012	MRM169_08105	C/D	•,S		Steering Column Module
245 (B - Class)	2005 - 2012	MRM169_08106	C/D	•,S		Steering Column Module
230 (SL - Class)	2001 - 2006	_MRM220_FV01	C/D			Steering Column Module

### Other Continued

MERCEDES						
Model	Years	System	Codes/ Data	Actuator tests	Special Functions	Base System
230 (SL - Class)	2001 - 2006	_MRM220_FV02	C/D			Steering Column Module
230 (SL - Class)	2001 - 2006	_MRM230_FV01	C/D			Steering Column Module
204 (GLK - Class)	2008 - 2013	SCM166_0406	C/D	•		Steering Column Module
204 (GLK - Class)	2008 - 2013	SCM166_0409	C/D	•		Steering Column Module
204 (GLK - Class)	2008 - 2013	SCM166_0506	C/D	•		Steering Column Module
204 (GLK - Class)	2008 - 2013	SCM166_0507	C/D	•		Steering Column Module
204 (GLK - Class)	2008 - 2013	SCM166_Base	C/D	•		Steering Column Module
204 (GLK - Class)	2008 - 2013	SCM166_Boot	C/D	•		Steering Column Module
204 (GLK - Class)	2008 - 2013	SCM204	C/D	•		Steering Column Module
204 (GLK - Class)	2008 - 2013	SCM212_Base	C/D	•		Steering Column Module
204 (GLK - Class)	2008 - 2013	SCM212_BR218	C/D	•		Steering Column Module
204 (GLK - Class)	2008 - 2013	SCM212_Kostal	C/D	•		Steering Column Module
204 (C - Class)	2007 - 2013	SCM166_0406	C/D	•		Steering Column Module
204 (C - Class)	2007 - 2013	SCM166_0409	C/D	•		Steering Column Module
204 (C - Class)	2007 - 2013	SCM166_0506	C/D	•		Steering Column Module
204 (C - Class)	2007 - 2013	SCM166_0507	C/D	•		Steering Column Module
204 (C - Class)	2007 - 2013	SCM166_Base	C/D	•		Steering Column Module
204 (C - Class)	2007 - 2013	SCM166_Boot	C/D	•		Steering Column Module
204 (C - Class)	2007 - 2013	SCM204	C/D	•		Steering Column Module
204 (C - Class)	2007 - 2013	SCM212_Base	C/D	•		Steering Column Module
204 (C - Class)	2007 - 2013	SCM212_BR218	C/D	•		Steering Column Module
204 (C - Class)	2007 - 2013	SCM212_Kostal	C/D	•		Steering Column Module
207 (E - Coupe)	2009 - 2013	SCM166_0406	C/D	•		Steering Column Module
207 (E - Coupe)	2009 - 2013	SCM166_0409	C/D	•		Steering Column Module
207 (E - Coupe)	2009 - 2013	SCM166_0506	C/D	•		Steering Column Module
207 (E - Coupe)	2009 - 2013	SCM166_0507	C/D	•		Steering Column Module
207 (E - Coupe)	2009 - 2013	SCM166_Base	C/D	•		Steering Column Module
207 (E - Coupe)	2009 - 2013	SCM166_Boot	C/D	•		Steering Column Module
207 (E - Coupe)	2009 - 2013	SCM212_Base	C/D	•		Steering Column Module

Key for Special Functions: BB - Brake Blend, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flammable, H - Injector Coding, O - Oil reset for DPF, P - Particulate Filter, R - Return, RA - Reset Adaptations, S - Steering Angle Sensor, I - Inertia Body Return, IR - Inertia Reference, M - Motor, N - Noise, P - Power Windows, R - Rain, S - Servo, T - Tire Pressure Monitoring, V - Vehicle, W - Wheel, X - X-Drive, Y - Yaw Rate, Z - Z-Drive. Codes/Data: C - Codes, D - Data. Actuator tests: • - Test, •• - Test. Special Functions: • - Function, •• - Function. Base System: Signal Acquisition Modules, Steering Column Module. Bold text indicates the system or function updated. ©2014 Snap-on Incorporated.



Other Continued

MERCEDES			Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System				
207 (E - Coupe)	2009 - 2013	SCM212_BR218	C/D	•		Steering Column Module
207 (E - Coupe)	2009 - 2013	SCM212_Kostal	C/D	•		Steering Column Module
211 (E - Class)	2002 - 2011	SCM_171	C/D	•		Steering Column Module
211 (E - Class)	2002 - 2011	SCM_211	C/D	•		Steering Column Module
207 (E - Coupe)	2012 - 2012	SCM204	C/D	•		Steering Column Module
209 (CLK - Class)	2003 - 2005	_MRM209_FV01	C/D	•		Steering Column Module
117 (CLA - Class)	2012 - 2013	SCM166_\$0406	C/D	•		Steering Column Module
117 (CLA - Class)	2012 - 2013	SCM166_\$0409	C/D	•		Steering Column Module
117 (CLA - Class)	2012 - 2013	SCM166_\$0506	C/D	•		Steering Column Module
117 (CLA - Class)	2012 - 2013	SCM166_\$0507	C/D	•		Steering Column Module
117 (CLA - Class)	2012 - 2013	SCM166_Base	C/D	•		Steering Column Module
117 (CLA - Class)	2012 - 2013	SCM166_Boot	C/D	•		Steering Column Module
166 (ML - Class)	2011 - 2013	SCM166_\$0406	C/D	•		Steering Column Module
166 (ML - Class)	2011 - 2013	SCM166_\$0409	C/D	•		Steering Column Module
166 (ML - Class)	2011 - 2013	SCM166_\$0506	C/D	•		Steering Column Module
166 (ML - Class)	2011 - 2013	SCM166_\$0507	C/D	•		Steering Column Module
166 (ML - Class)	2011 - 2013	SCM166_Base	C/D	•		Steering Column Module
166 (ML - Class)	2011 - 2013	SCM166_Boot	C/D	•		Steering Column Module
166 (GL - Class)	2012 - 2013	SCM166_\$0406	C/D	•		Steering Column Module
166 (GL - Class)	2012 - 2013	SCM166_\$0409	C/D	•		Steering Column Module
166 (GL - Class)	2012 - 2013	SCM166_\$0506	C/D	•		Steering Column Module
166 (GL - Class)	2012 - 2013	SCM166_\$0507	C/D	•		Steering Column Module
166 (GL - Class)	2012 - 2013	SCM166_Base	C/D	•		Steering Column Module
166 (GL - Class)	2012 - 2013	SCM166_Boot	C/D	•		Steering Column Module
169 (A - Class)	2005 - 2012	MRM169_\$0100	C/D	•,S		Steering Column Module
169 (A - Class)	2005 - 2012	MRM169_\$8100	C/D	•,S		Steering Column Module
169 (A - Class)	2005 - 2012	MRM169_\$8101	C/D	•,S		Steering Column Module
169 (A - Class)	2005 - 2012	MRM169_\$8102	C/D	•,S		Steering Column Module
169 (A - Class)	2005 - 2012	MRM169_\$8103	C/D	•,S		Steering Column Module

Other Continued

MERCEDES			Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System				
169 (A - Class)	2005 - 2012	MRM169_\$8104	C/D	•,S		Steering Column Module
169 (A - Class)	2005 - 2012	MRM169_\$8105	C/D	•,S		Steering Column Module
169 (A - Class)	2005 - 2012	MRM169_\$8106	C/D	•,S		Steering Column Module
199 (SLR - Class)	2005 - 2010	_MRM220_FV01	C/D	•		Steering Column Module
199 (SLR - Class)	2005 - 2010	_MRM220_FV02	C/D	•		Steering Column Module
199 (SLR - Class)	2005 - 2010	_MRM230_FV01	C/D	•		Steering Column Module
176 (A - Class)	2012 - 2013	SCM166_\$0406	C/D	•		Steering Column Module
176 (A - Class)	2012 - 2013	SCM166_\$0409	C/D	•		Steering Column Module
176 (A - Class)	2012 - 2013	SCM166_\$0506	C/D	•		Steering Column Module
176 (A - Class)	2012 - 2013	SCM166_\$0507	C/D	•		Steering Column Module
176 (A - Class)	2012 - 2013	SCM166_Base	C/D	•		Steering Column Module
176 (A - Class)	2012 - 2013	SCM166_Boot	C/D	•		Steering Column Module
209 (CLK - Class)	2003 - 2003	_MRM209_FV01	C/D	•		Steering Control Module
230 (SL - Class)	2001 - 2009	_ABC_FV01	C/D	•		Suspension
230 (SL - Class)	2001 - 2009	_LUF220_FV01	C/D	•		Suspension
220 (S - Class)	1998 - 2006	_LUF220_FV01	C/D	•		Suspension
220 (S - Class)	1998 - 2006	_ABC_FV01	C/D	•		Suspension
215 (CL - Class)	1999 - 2003	_ABC_FV01	C/D	•		Suspension
215 (CL - Class)	1999 - 2003	_LUF220_FV01	C/D	•		Suspension
219 (CLS - Class)	2005 - 2011	SD211_\$0000	C/D	•		System Diagnosis
219 (CLS - Class)	2005 - 2011	SD211_\$0001	C/D	•		System Diagnosis
219 (CLS - Class)	2005 - 2011	SD211_\$0002	C/D	•		System Diagnosis
219 (CLS - Class)	2005 - 2011	SD211_\$0102	C/D	•		System Diagnosis
219 (CLS - Class)	2005 - 2011	SD211_\$0103	C/D	•		System Diagnosis
219 (CLS - Class)	2005 - 2011	SD211_\$0104	C/D	•		System Diagnosis
219 (CLS - Class)	2005 - 2011	SD211_\$8005_\$8006	C/D	•		System Diagnosis
219 (CLS - Class)	2005 - 2011	SD211_\$8007	C/D	•		System Diagnosis
219 (CLS - Class)	2005 - 2011	SD211_\$8008	C/D	•		System Diagnosis
211 (E - Class)	2002 - 2011	SD211_\$0000	C/D	•		System Diagnosis
211 (E - Class)	2002 - 2011	SD211_\$0001	C/D	•		System Diagnosis
211 (E - Class)	2002 - 2011	SD211_\$0002	C/D	•		System Diagnosis
211 (E - Class)	2002 - 2011	SD211_\$0102	C/D	•		System Diagnosis
211 (E - Class)	2002 - 2011	SD211_\$0103	C/D	•		System Diagnosis
211 (E - Class)	2002 - 2011	SD211_\$0104	C/D	•		System Diagnosis
211 (E - Class)	2002 - 2011	SD211_\$8005_\$8006	C/D	•		System Diagnosis
211 (E - Class)	2002 - 2011	SD211_\$8007	C/D	•		System Diagnosis
211 (E - Class)	2002 - 2011	SD211_\$8008	C/D	•		System Diagnosis
211 (E - Class)	2002 - 2011	RD211_\$0004	C/D	•		Tire Pressure Monitor
211 (E - Class)	2002 - 2011	RD211_\$0005	C/D	•		Tire Pressure Monitor
211 (E - Class)	2002 - 2011	RD211_\$0006	C/D	•		Tire Pressure Monitor
211 (E - Class)	2002 - 2011	RD211_\$0007	C/D	•		Tire Pressure Monitor
211 (E - Class)	2002 - 2011	RD211_\$0008	C/D	•		Tire Pressure Monitor
211 (E - Class)	2002 - 2011	RD211_\$0009	C/D	•		Tire Pressure Monitor
211 (E - Class)	2002 - 2011	RD211_\$000A	C/D	•		Tire Pressure Monitor
211 (E - Class)	2002 - 2011	RD211_\$000B	C/D	•		Tire Pressure Monitor
211 (E - Class)	2002 - 2011	RD211_\$000C	C/D	•		Tire Pressure Monitor

Other Continued

MERCEDES			Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System				
211 (E - Class)	2002 - 2011	RD211_\$000D_BR240	C/D	•		Tire Pressure Monitor
211 (E - Class)	2002 - 2011	RD211_\$8000	C/D	•		Tire Pressure Monitor
211 (E - Class)	2002 - 2011	RD211_\$8001	C/D	•		Tire Pressure Monitor
211 (E - Class)	2002 - 2011	RD211_\$8002	C/D	•		Tire Pressure Monitor
211 (E - Class)	2002 - 2011	RD211_\$8003	C/D	•		Tire Pressure Monitor
211 (E - Class)	2002 - 2011	RD211_\$8004	C/D	•		Tire Pressure Monitor
210 (E - Class)	1995 - 2002	_RD210	C/D	•		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$0000	C/D	R		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$0001	C/D	R		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$0002	C/D	R		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$0003	C/D	R		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$0004	C/D	R		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$8000	C/D	R		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$8001	C/D	R		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$8002	C/D	R		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$8003	C/D	R		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$8004	C/D	R		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$8005	C/D	R		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$8006	C/D	R		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$8007	C/D	R		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$8008	C/D	R		Tire Pressure Monitor
209 (CLK - Class)	2002 - 2011	TPM209_\$8009	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$0000	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$0001	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$0002	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$0003	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$0004	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$8000	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$8001	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$8002	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$8003	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$8004	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$8005	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$8006	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$8007	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$8008	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_204_\$8009	C/D	•,R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$00_00_00	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$00_08_00	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$00_80_00	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$00_80_01	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$00_80_02	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$00_80_03	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$00_80_04	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$00_80_05	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$00_B0_00	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$00_B0_02	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$00_B0_03	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$01_00_00	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$01_01_01	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$01_30_00	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_\$01_B0_00	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_Serie_Corax3_00	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_Serie_Corax3_01	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_Serie_Corax3_02	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_Serie_Corax3_03	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_Serie_Corax3_04	C/D	R		Tire Pressure Monitor
207 (E - Coupe)	2009 - 2013	TPM_221_Serie_Corax3_05	C/D	R		Tire Pressure Monitor

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flammable, I - Injector Coding, O - Oil reset for DPPE, P - Particulate Filter, R - Relearn, RK - Reset Adaptations, S - Steering Angle Sensor, E - Electronic Body Relearn, H - Hydraulic or Type Semi Auto, \* - Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary depending on platform. See inside back cover for details.







### Other Continued

MERCEDES			Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years	System				
230 (SL - Class)	2001 - 2012	TPMLS \$80E2	C/D		•	Tire Pressure Monitor
230 (SL - Class)	2001 - 2012	_RDK220	C/D			Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$00 00 00	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$00 08 00	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$00 80 00	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$00 80 01	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$00 80 02	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$00 80 03	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$00 80 04	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$00 80 05	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$00 B0 00	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$00 B0 02	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$00 B0 03	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$01 00 00	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$01 01 01	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$01 30 00	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 \$01 B0 00	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 Serie_Corax3_00	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 Serie_Corax3_01	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 Serie_Corax3_02	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 Serie_Corax3_03	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 Serie_Corax3_04	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPM_221 Serie_Corax3_05	C/D	R		Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$0000	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$0001	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$0002	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$0003	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$00E0	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$00E1	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$8000	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$8001	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$8002	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$8003	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$8004	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$8005	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$8006	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$80E0	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$80E1	C/D		•	Tire Pressure Monitor
221 (S - Class)	2006 - 2013	TPMHS \$80E2	C/D		•	Tire Pressure Monitor
463 (G - Class)	1998 - 2000	_ESP203	C/D		•,S	Traction Systems
463 (G - Class)	1998 - 2000	ASR_H_ABS/ASR	C/D		•,S	Traction Systems
463 (G - Class)	1998 - 2000	ASR_H_ESP	C/D			Traction Systems
463 (G - Class)	1998 - 2000	ASR_H_ETS	C/D			Traction Systems
129 (SL - Class)	1992 - 2002	_ESP203	C/D		•,S	Traction Systems
129 (SL - Class)	1992 - 2002	ASR_H_ABS/ASR	C/D		•,S	Traction Systems
129 (SL - Class)	1992 - 2002	ASR_H_ESP	C/D			Traction Systems
129 (SL - Class)	1992 - 2002	ASR_H_ETS	C/D			Traction Systems
170 (SLK - Class)	1998 - 2001	_ESP203	C/D		•,S	Traction Systems
170 (SLK - Class)	1998 - 2001	ASR_H_ABS/ASR	C/D		•,S	Traction Systems
170 (SLK - Class)	1998 - 2001	ASR_H_ESP	C/D			Traction Systems
170 (SLK - Class)	1998 - 2001	ASR_H_ETS	C/D			Traction Systems
170 (SLK - Class)	2001 - 2001	_ESP203	C/D			Traction Systems
170 (SLK - Class)	2001 - 2001	_ESPMK_GEN	C/D			Traction Systems
170 (SLK - Class)	2001 - 2001	_ESPMK0103	C/D			Traction Systems
170 (SLK - Class)	2001 - 2001	_ESPMK0104	C/D			Traction Systems
170 (SLK - Class)	2001 - 2001	_ESPMK0105	C/D			Traction Systems
170 (SLK - Class)	2001 - 2001	_ESPMK8100	C/D			Traction Systems
170 (SLK - Class)	2001 - 2001	_ESPMK8101	C/D			Traction Systems

### Other Continued

MERCEDES			Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years	System				
170 (SLK - Class)	2001 - 2001	_ESPMK8102	C/D			Traction Systems
170 (SLK - Class)	2001 - 2001	_ESPMK8105	C/D			Traction Systems
170 (SLK - Class)	2001 - 2001	_ESPMK8106	C/D			Traction Systems
170 (SLK - Class)	2001 - 2001	_ESPMK8108	C/D			Traction Systems
170 (SLK - Class)	2001 - 2001	ASR_H_ABS/ASR	C/D			Traction Systems
168 (A - Class)	1998 - 2005	ASR_H_ABS/ASR	C/D			Traction Systems
168 (A - Class)	1998 - 2005	ASR_H_ESP	C/D			Traction Systems
168 (A - Class)	1998 - 2005	ASR_H_ETS	C/D			Traction Systems
202 (C - Class)	1998 - 2001	_ESP203	C/D		•,S	Traction Systems
202 (C - Class)	1998 - 2001	ASR_H_ABS/ASR	C/D		•,S	Traction Systems
202 (C - Class)	1998 - 2001	ASR_H_ESP	C/D			Traction Systems
202 (C - Class)	1998 - 2001	ASR_H_ETS	C/D			Traction Systems
208 (CLK - Class)	1998 - 2003	_ESP203	C/D		•,S	Traction Systems
208 (CLK - Class)	1998 - 2003	ASR_H_ABS/ASR	C/D		•,S	Traction Systems
208 (CLK - Class)	1998 - 2003	ASR_H_ESP	C/D			Traction Systems
208 (CLK - Class)	1998 - 2003	ASR_H_ETS	C/D			Traction Systems
208 (CLK - Class)	1998 - 2003	ASR_H_ETS	C/D			Traction Systems
210 (E - Class)	1998 - 2002	ASR_H_ABS/ASR	C/D		•,S	Traction Systems
210 (E - Class)	1998 - 2002	ASR_H_ESP	C/D			Traction Systems
210 (E - Class)	1998 - 2002	ASR_H_ETS	C/D		•,S	Traction Systems
463 (G - Class)	2001 - 2013	_VGS	C/D			Transfer Case
638 (V - Class)	1995 - 1999	ESP_164	C/D			Wheel Alignment
639 (V - Class)	2004 - 2013	639_ESP	C/D			Wheel Alignment
639 (V - Class)	2004 - 2013	639_ESP8	C/D			Wheel Alignment
639 (V - Class)	2004 - 2013	ESP_8.1	C/D			Wheel Alignment
415 (Citan - Class)	2013 - 2013	EPS415	C/D			Wheel Alignment
251 (R - Class)	2006 - 2013	ESP_164	C/D			Wheel Alignment
246 (B - Class)	2012 - 2013	EPS246	C/D			Wheel Alignment
221 (S - Class)	2006 - 2013	ABR_221	C/D			Wheel Alignment
221 (S - Class)	2006 - 2013	ABR_XT \$020805	C/D			Wheel Alignment
221 (S - Class)	2006 - 2013	ABR_XT \$020806	C/D			Wheel Alignment
221 (S - Class)	2006 - 2013	ABR_XT \$020807	C/D			Wheel Alignment
221 (S - Class)	2006 - 2013	ABR_XT \$028803	C/D			Wheel Alignment
221 (S - Class)	2006 - 2013	ABR_XT \$028804	C/D			Wheel Alignment
221 (S - Class)	2006 - 2013	ABR_XT \$028805	C/D			Wheel Alignment
221 (S - Class)	2006 - 2013	ABR_XT \$028806	C/D			Wheel Alignment
221 (S - Class)	2006 - 2013	ABR_XT \$028807	C/D			Wheel Alignment
212 (E - Class)	2009 - 2013	ESP_212	C/D			Wheel Alignment
212 (E - Class)	2009 - 2013	ESP_E1	C/D			Wheel Alignment
211 (E - Class)	2007 - 2011	SBC_121_F	C/D			Wheel Alignment
212 (E - Class)	2009 - 2013	ABR2_XT	C/D			Wheel Alignment
216 (CL - Class)	2007 - 2013	ABR_221	C/D			Wheel Alignment
216 (CL - Class)	2007 - 2013	ABR_XT \$020805	C/D			Wheel Alignment
216 (CL - Class)	2007 - 2013	ABR_XT \$020806	C/D			Wheel Alignment
216 (CL - Class)	2007 - 2013	ABR_XT \$020807	C/D			Wheel Alignment
216 (CL - Class)	2007 - 2013	ABR_XT \$028803	C/D			Wheel Alignment
216 (CL - Class)	2007 - 2013	ABR_XT \$028804	C/D			Wheel Alignment
216 (CL - Class)	2007 - 2013	ABR_XT \$028805	C/D			Wheel Alignment
216 (CL - Class)	2007 - 2013	ABR_XT \$028806	C/D			Wheel Alignment
216 (CL - Class)	2007 - 2013	ABR_XT \$028807	C/D			Wheel Alignment
218 (CLS - Class)	2011 - 2013	ESP_212	C/D			Wheel Alignment
218 (CLS - Class)	2011 - 2013	ESP_E1	C/D			Wheel Alignment
219 (CLS - Class)	2005 - 2013	SBC_121_F	C/D			Wheel Alignment
218 (CLS - Class)	2011 - 2013	ABR2_XT	C/D			Wheel Alignment
207 (E - Coupe)	2009 - 2013	ESP_212	C/D			Wheel Alignment
207 (E - Coupe)	2009 - 2013	ESP_E1	C/D			Wheel Alignment
204 (GLK - Coupe)	2008 - 2013	ESP_212	C/D			Wheel Alignment

### Other Continued

MERCEDES			Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years	System				
204 (GLK - Class)	2008 - 2013	ESP_E1	C/D			Wheel Alignment
203 (CLC - Class)	2008 - 2011	ESPMK25				Wheel Alignment
203 (CLC - Class)	2008 - 2011	ESPMK25	C/D			Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESP203				Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESP203	C/D			Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK_GEN				Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK_GEN	C/D			Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK0103				Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK0103	C/D			Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK0104				Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK0104	C/D			Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK0105				Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK0105	C/D			Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK0106				Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK0106	C/D			Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK8100				Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK8100	C/D			Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK8101				Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK8101	C/D			Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK8102	C/D			Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK8105				Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK8105	C/D			Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK8106				Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK8106	C/D			Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK8106				Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK8108	C/D			Wheel Alignment
203 (CLC - Class)	2008 - 2011	_ESPMK8108	C/D			Wheel Alignment
204 (C - Class)	2007 - 2013	ESP_212	C/D			Wheel Alignment
204 (C - Class)	2007 - 2013	ESP_E1	C/D			Wheel Alignment
204 (C - Class)	2007 - 2013	ABR2_XT	C/D			Wheel Alignment
207 (E - Coupe)	2009 - 2013	ABR2_XT	C/D			Wheel Alignment
204 (GLK - Class)	2008 - 2013	ABR2_XT	C/D			Wheel Alignment
203 (C - Class)	2000 - 2007	ESPMK25				Wheel Alignment
203 (C - Class)	2000 - 2007	ESPMK25	C/D			Wheel Alignment
203 (C - Class)	2000 - 2007	_ESP203				Wheel Alignment
203 (C - Class)	2000 - 2007	_ESP203	C/D			Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK_GEN				Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK_GEN	C/D			Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK0103				Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK0103	C/D			Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK0104				Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK0104	C/D			Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK0105				Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK0105	C/D			Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK0106				Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK0106	C/D			Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK8100				Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK8100	C/D			Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK8101				Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK8101	C/D			Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK8102	C/D			Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK8105				Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK8105	C/D			Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK8106				Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK8106	C/D			Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK8106				Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK8108				Wheel Alignment
203 (C - Class)	2000 - 2007	_ESPMK8108	C/D			Wheel Alignment

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - EGR, F - Flammable, H - Injector Coding, I - Injector Coding, O - Oil reset for DPF, P - Particulate Filter, R - Return, RS - Reset Adaptations, S - Steering Angle Sensor, E - Electronic Body Return, A - Air Type/Unit or Type Sent Auto, \* - Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All



Other Continued

MERCEDES			Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years	System				
171 (SLK - Class)	2004 - 2011	ESPMK25				Wheel Alignment
176 (A - Class)	2012 - 2013	EPS246	C/D			Wheel Alignment
171 (SLK - Class)	2006 - 2011	_ESP203	C/D			Wheel Alignment
171 (SLK - Class)	2006 - 2011	_ESPMK_GEN	C/D			Wheel Alignment
171 (SLK - Class)	2006 - 2011	_ESPMK0103	C/D			Wheel Alignment
171 (SLK - Class)	2006 - 2011	_ESPMK0104	C/D			Wheel Alignment
171 (SLK - Class)	2006 - 2011	_ESPMK0105	C/D			Wheel Alignment
171 (SLK - Class)	2006 - 2011	_ESPMK0106	C/D			Wheel Alignment
171 (SLK - Class)	2006 - 2011	_ESPMK8100	C/D			Wheel Alignment
171 (SLK - Class)	2006 - 2011	_ESPMK8101	C/D			Wheel Alignment
171 (SLK - Class)	2006 - 2011	_ESPMK8102	C/D			Wheel Alignment
171 (SLK - Class)	2006 - 2011	_ESPMK8105	C/D			Wheel Alignment
171 (SLK - Class)	2006 - 2011	_ESPMK8106	C/D			Wheel Alignment
171 (SLK - Class)	2006 - 2011	_ESPMK8108	C/D			Wheel Alignment
171 (SLK - Class)	2006 - 2011	ESPMK25	C/D			Wheel Alignment
172 (SLK - Class)	2011 - 2013	ABR2_XT	C/D			Wheel Alignment
171 (SLK - Class)	2004 - 2011	_ESP203				Wheel Alignment
171 (SLK - Class)	2004 - 2011	_ESPMK_GEN				Wheel Alignment
171 (SLK - Class)	2004 - 2011	_ESPMK0103				Wheel Alignment
171 (SLK - Class)	2004 - 2011	_ESPMK0104				Wheel Alignment
171 (SLK - Class)	2004 - 2011	_ESPMK0105				Wheel Alignment
171 (SLK - Class)	2004 - 2011	_ESPMK0106				Wheel Alignment
171 (SLK - Class)	2004 - 2011	_ESPMK8100				Wheel Alignment
171 (SLK - Class)	2004 - 2011	_ESPMK8101				Wheel Alignment
171 (SLK - Class)	2004 - 2011	_ESPMK8102				Wheel Alignment
171 (SLK - Class)	2004 - 2011	_ESPMK8105				Wheel Alignment
171 (SLK - Class)	2004 - 2011	_ESPMK8106				Wheel Alignment
171 (SLK - Class)	2004 - 2011	_ESPMK8108				Wheel Alignment
117 (CLA - Class)	2012 - 2013	EPS246	C/D			Wheel Alignment
164 (GL - Class)	2006 - 2012	ESP_164	C/D			Wheel Alignment
164 (M - Class)	2006 - 2012	ESP_164	C/D			Wheel Alignment
204 (C - Class)	2007 - 2013	BR204_Base	C/D	•	RA	Xenon Headlamp - Left
204 (C - Class)	2007 - 2013	BR204_BiXenon_000500	C/D	•	RA	Xenon Headlamp - Left
204 (C - Class)	2007 - 2013	BR204_BiXenon_010500	C/D	•	RA	Xenon Headlamp - Left
204 (C - Class)	2007 - 2013	HLC166_Base	C/D	•	RA	Xenon Headlamp - Left
204 (C - Class)	2007 - 2013	BR204_Development	C/D	•	RA	Xenon Headlamp - Left
204 (C - Class)	2007 - 2013	HLC166_Boot	C/D	•	RA	Xenon Headlamp - Left
204 (C - Class)	2007 - 2013	HLC166_C2_Sample_0x0008	C/D	•	RA	Xenon Headlamp - Left
204 (C - Class)	2007 - 2013	HLC166_D_Sample_0x0009	C/D	•	RA	Xenon Headlamp - Left
204 (C - Class)	2007 - 2013	HLC166_D_Sample_0x000A	C/D	•	RA	Xenon Headlamp - Left
204 (C - Class)	2007 - 2013	HLC166_D_Sample_0x000B	C/D	•	RA	Xenon Headlamp - Left
204 (C - Class)	2007 - 2013	BR204_AFS_000401	C/D	•	RA	Xenon Headlamp - Left
204 (C - Class)	2007 - 2013	BR204_AFS_000400	C/D	•	RA	Xenon Headlamp - Left
204 (C - Class)	2007 - 2013	HLMLT204	C/D	•	RA	Xenon Headlamp - Left
204 (GLK - Class)	2008 - 2013	HLC166_Base	C/D	•	RA	Xenon Headlamp - Left
204 (GLK - Class)	2008 - 2013	HLC166_D_Sample_0x000B	C/D	•	RA	Xenon Headlamp - Left
204 (GLK - Class)	2008 - 2013	HLMLT_X204_AFS_C1_810B	C/D	•	RA	Xenon Headlamp - Left
204 (GLK - Class)	2008 - 2013	HLMLT_X204_AFS_C2	C/D	•	RA	Xenon Headlamp - Left
204 (GLK - Class)	2008 - 2013	HLMLT_X204_Base	C/D	•	RA	Xenon Headlamp - Left
204 (GLK - Class)	2008 - 2013	HLC166_Boot	C/D	•	RA	Xenon Headlamp - Left
204 (GLK - Class)	2008 - 2013	HLC166_C2_Sample_0x0008	C/D	•	RA	Xenon Headlamp - Left

Other Continued

MERCEDES			Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years	System				
204 (GLK - Class)	2008 - 2013	HLC166_D_Sample_0x0009	C/D	•	RA	Xenon Headlamp - Left
204 (GLK - Class)	2008 - 2013	HLC166_D_Sample_0x000A	C/D	•	RA	Xenon Headlamp - Left
207 (E - Coupe)	2009 - 2013	HLM212_0008	C/D	•	RA	Xenon Headlamp - Left
207 (E - Coupe)	2009 - 2013	HLM212_0007	C/D	•	RA	Xenon Headlamp - Left
207 (E - Coupe)	2009 - 2013	HLM212_0009	C/D	•	RA	Xenon Headlamp - Left
207 (E - Coupe)	2009 - 2013	HLM212_000A	C/D	•	RA	Xenon Headlamp - Left
207 (E - Coupe)	2009 - 2013	HLM212_8001	C/D	•	RA	Xenon Headlamp - Left
207 (E - Coupe)	2009 - 2013	HLM212_8002	C/D	•	RA	Xenon Headlamp - Left
207 (E - Coupe)	2009 - 2013	HLM212_Base	C/D	•	RA	Xenon Headlamp - Left
207 (E - Coupe)	2009 - 2013	HLM212_Boot	C/D	•	RA	Xenon Headlamp - Left
207 (E - Coupe)	2009 - 2013	HLM212_8003	C/D	•	RA	Xenon Headlamp - Left
207 (E - Coupe)	2009 - 2013	HLM212_8004	C/D	•	RA	Xenon Headlamp - Left
207 (E - Coupe)	2009 - 2013	HLM212_8005	C/D	•	RA	Xenon Headlamp - Left
207 (E - Coupe)	2009 - 2013	HLM212_8006	C/D	•	RA	Xenon Headlamp - Left
212 (E - Class)	2009 - 2013	HLM212_Boot	C/D	•	RA	Xenon Headlamp - Left
212 (E - Class)	2009 - 2013	HLM212_8006	C/D	•	RA	Xenon Headlamp - Left
212 (E - Class)	2009 - 2013	HLM212_Base	C/D	•	RA	Xenon Headlamp - Left
212 (E - Class)	2009 - 2013	HLM212_0007	C/D	•	RA	Xenon Headlamp - Left
212 (E - Class)	2009 - 2013	HLM212_0008	C/D	•	RA	Xenon Headlamp - Left
212 (E - Class)	2009 - 2013	HLM212_0009	C/D	•	RA	Xenon Headlamp - Left
212 (E - Class)	2009 - 2013	HLM212_000A	C/D	•	RA	Xenon Headlamp - Left
212 (E - Class)	2009 - 2013	HLM212_8001	C/D	•	RA	Xenon Headlamp - Left
212 (E - Class)	2009 - 2013	HLM212_8002	C/D	•	RA	Xenon Headlamp - Left
212 (E - Class)	2009 - 2013	HLM212_8003	C/D	•	RA	Xenon Headlamp - Left
212 (E - Class)	2009 - 2013	HLM212_8004	C/D	•	RA	Xenon Headlamp - Left
212 (E - Class)	2009 - 2013	HLM212_8005	C/D	•	RA	Xenon Headlamp - Left
212 (E - Class)	2009 - 2013	HLM212_8004	C/D	•	RA	Xenon Headlamp - Right
212 (E - Class)	2009 - 2013	HLM212_8003	C/D	•	RA	Xenon Headlamp - Right
212 (E - Class)	2009 - 2013	HLM212_8002	C/D	•	RA	Xenon Headlamp - Right
212 (E - Class)	2009 - 2013	HLM212_8001	C/D	•	RA	Xenon Headlamp - Right
212 (E - Class)	2009 - 2013	HLM212_000A	C/D	•	RA	Xenon Headlamp - Right
212 (E - Class)	2009 - 2013	HLM212_0009	C/D	•	RA	Xenon Headlamp - Right
212 (E - Class)	2009 - 2013	HLM212_0008	C/D	•	RA	Xenon Headlamp - Right
212 (E - Class)	2009 - 2013	HLM212_0007	C/D	•	RA	Xenon Headlamp - Right
212 (E - Class)	2009 - 2013	HLM212_Base	C/D	•	RA	Xenon Headlamp - Right
212 (E - Class)	2009 - 2013	HLM212_8006	C/D	•	RA	Xenon Headlamp - Right
212 (E - Class)	2009 - 2013	HLM212_Boot	C/D	•	RA	Xenon Headlamp - Right
207 (E - Coupe)	2009 - 2013	HLM212_8006	C/D	•	RA	Xenon Headlamp - Right
207 (E - Coupe)	2009 - 2013	HLM212_8005	C/D	•	RA	Xenon Headlamp - Right
207 (E - Coupe)	2009 - 2013	HLM212_8004	C/D	•	RA	Xenon Headlamp - Right

Other Continued

MERCEDES			Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years	System				
207 (E - Coupe)	2009 - 2013	HLM212_8003	C/D	•	RA	Xenon Headlamp - Right
207 (E - Coupe)	2009 - 2013	HLM212_Boot	C/D	•	RA	Xenon Headlamp - Right
207 (E - Coupe)	2009 - 2013	HLM212_Base	C/D	•	RA	Xenon Headlamp - Right
207 (E - Coupe)	2009 - 2013	HLM212_8002	C/D	•	RA	Xenon Headlamp - Right
207 (E - Coupe)	2009 - 2013	HLM212_8001	C/D	•	RA	Xenon Headlamp - Right
207 (E - Coupe)	2009 - 2013	HLM212_000A	C/D	•	RA	Xenon Headlamp - Right
207 (E - Coupe)	2009 - 2013	HLM212_0009	C/D	•	RA	Xenon Headlamp - Right
207 (E - Coupe)	2009 - 2013	HLM212_0007	C/D	•	RA	Xenon Headlamp - Right
207 (E - Coupe)	2009 - 2013	HLM212_0008	C/D	•	RA	Xenon Headlamp - Right
204 (GLK - Class)	2008 - 2013	HLC166_D_Sample_0x000A	C/D	•	RA	Xenon Headlamp - Right
204 (GLK - Class)	2008 - 2013	HLC166_D_Sample_0x0009	C/D	•	RA	Xenon Headlamp - Right
204 (GLK - Class)	2008 - 2013	HLC166_C2_Sample_0x0008	C/D	•	RA	Xenon Headlamp - Right
204 (GLK - Class)	2008 - 2013	HLC166_Boot	C/D	•	RA	Xenon Headlamp - Right
204 (GLK - Class)	2008 - 2013	HLMRT_X204_AFS	C/D	•	RA	Xenon Headlamp - Right
204 (GLK - Class)	2008 - 2013	HLMRT_X204_Base	C/D	•	RA	Xenon Headlamp - Right
204 (GLK - Class)	2008 - 2013	HLC166_D_Sample_0x000B	C/D	•	RA	Xenon Headlamp - Right
204 (GLK - Class)	2008 - 2013	HLC166_Base	C/D	•	RA	Xenon Headlamp - Right
204 (C - Class)	2007 - 2013	HLMRT204	C/D	•	RA	Xenon Headlamp - Right
204 (C - Class)	2007 - 2013	BR204_AFS_000400	C/D	•	RA	Xenon Headlamp - Right
204 (C - Class)	2007 - 2013	BR204_AFS_000401	C/D	•	RA	Xenon Headlamp - Right
204 (C - Class)	2007 - 2013	HLC166_D_Sample_0x000B	C/D	•	RA	Xenon Headlamp - Right
204 (C - Class)	2007 - 2013	HLC166_D_Sample_0x000A	C/D	•	RA	Xenon Headlamp - Right
204 (C - Class)	2007 - 2013	HLC166_D_Sample_0x0009	C/D	•	RA	Xenon Headlamp - Right
204 (C - Class)	2007 - 2013	HLC166_C2_Sample_0x0008	C/D	•	RA	Xenon Headlamp - Right
204 (C - Class)	2007 - 2013	HLC166_Boot	C/D	•	RA	Xenon Headlamp - Right
204 (C - Class)	2007 - 2013	BR204_Development	C/D	•	RA	Xenon Headlamp - Right
204 (C - Class)	2007 - 2013	HLC166_Base	C/D	•	RA	Xenon Headlamp - Right
204 (C - Class)	2007 - 2013	BR204_BiXenon_010500	C/D	•	RA	Xenon Headlamp - Right
204 (C - Class)	2007 - 2013	BR204_BiXenon_000500	C/D	•	RA	Xenon Headlamp - Right

Key for Special Functions: ABS Brake Bleed, ABS Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil Reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, I: Inertia Body Return, J: Jumper or Type Sent Auto, \* : Other (see table on page 26) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



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 Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flammable, I: Injector Coding, O: Oil Reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertia Body Return, H: Hydraulic Type Servo Auto, \* : Other (see table on page 26). Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Other Continued

MERCEDES			Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System				
204 (C - Class)	2007 - 2013	BR204_Base	C/D	•	RA	Xenon Headlamp - Right
204 (C - Class)	2007 - 2013	BR204_AFS_010400	C/D	•	RA	Xenon Headlamp - Right
216 (CL - Class)	2007 - 2013	ALWRL216 \$000300	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	ALWRL216 \$000301	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	ALWRL216 \$010300	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	ALWRL216M \$001000	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	ALWRL216M \$001001	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	ALWRL216M \$001002	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	ALWRL216M \$001003	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	ALWRL221M \$000700	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	ALWRL221M \$000701	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	ALWRL221M \$000702	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	ALWRL221M \$000703	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	ALWRL221M \$010000	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	ALWRL221M \$010700	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	XALWA221_M_000E	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	XALWA221_M_00E1	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	XALWA221_M_00E2	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	XALWA221_M_BR221_0007	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	XALWA221_M_BR221_0008	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	XALWA221_M_BR245_0102	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	XALWA221_M_BR245_0103	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	XALWA221_M_BR245_0104	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	XALWA221_M_BR245_0105	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	XALWA221_M_C216_0204	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	XALWA221_M_C216_0205	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	XALWA221_M_C216_02E0	C/D	•	•	Xenon Left (Master)
216 (CL - Class)	2007 - 2013	XALWA221_M_C216_8204	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	ALWRL216 \$000300	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	ALWRL216 \$000301	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	ALWRL216 \$010300	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	ALWRL216M \$001000	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	ALWRL216M \$001001	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	ALWRL216M \$001002	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	ALWRL216M \$001003	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	ALWRL221M \$000700	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	ALWRL221M \$000701	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	ALWRL221M \$000702	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	ALWRL221M \$000703	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	ALWRL221M \$010000	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	ALWRL221M \$010700	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	XALWA221_M_000E	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	XALWA221_M_00E1	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	XALWA221_M_00E2	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	XALWA221_M_BR221_0007	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	XALWA221_M_BR221_0008	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	XALWA221_M_BR245_0102	C/D	•	•	Xenon Left (Master)

### Other Continued

MERCEDES			Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System				
221 (S - Class)	2006 - 2013	XALWA221_M_BR245_0103	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	XALWA221_M_BR245_0104	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	XALWA221_M_BR245_0105	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	XALWA221_M_C216_0204	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	XALWA221_M_C216_0205	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	XALWA221_M_C216_02E0	C/D	•	•	Xenon Left (Master)
221 (S - Class)	2006 - 2013	XALWA221_M_C216_8204	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	XALWA221_M_00E1	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	XALWA221_M_00E2	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	XALWA221_M_BR221_0007	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	XALWA221_M_BR221_0008	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	XALWA221_M_BR245_0102	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	XALWA221_M_BR245_0103	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	XALWA221_M_BR245_0104	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	XALWA221_M_BR245_0105	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	XALWA221_M_C216_0204	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	XALWA221_M_C216_0205	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	XALWA221_M_C216_02E0	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	XALWA221_M_C216_8204	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	ALWRL216 \$000300	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	ALWRL216 \$000301	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	ALWRL216 \$010300	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	ALWRL216M \$001000	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	ALWRL216M \$001001	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	ALWRL216M \$001002	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	ALWRL216M \$001003	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	ALWRL221M \$000700	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	ALWRL221M \$000701	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	ALWRL221M \$000702	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	ALWRL221M \$000703	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	ALWRL221M \$010000	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	ALWRL221M \$010700	C/D	•	•	Xenon Left (Master)
245 (B - Class)	2005 - 2012	ALWRL216M \$001001	C/D	•	•	Xenon Right (Slave)
245 (B - Class)	2005 - 2012	ALWRL216M \$001002	C/D	•	•	Xenon Right (Slave)
245 (B - Class)	2005 - 2012	ALWRL216M \$001003	C/D	•	•	Xenon Right (Slave)
245 (B - Class)	2005 - 2012	ALWRR221M \$000700	C/D	•	•	Xenon Right (Slave)
245 (B - Class)	2005 - 2012	ALWRR221M \$000701	C/D	•	•	Xenon Right (Slave)
245 (B - Class)	2005 - 2012	ALWRR221M \$000702	C/D	•	•	Xenon Right (Slave)
245 (B - Class)	2005 - 2012	ALWRR221M \$000703	C/D	•	•	Xenon Right (Slave)
245 (B - Class)	2005 - 2012	ALWRR221M \$010000	C/D	•	•	Xenon Right (Slave)
245 (B - Class)	2005 - 2012	ALWRR221M \$010700	C/D	•	•	Xenon Right (Slave)
245 (B - Class)	2005 - 2012	XALWA221_S	C/D	•	•	Xenon Right (Slave)
221 (S - Class)	2006 - 2013	XALWA221_S	C/D	•	•	Xenon Right (Slave)
221 (S - Class)	2006 - 2013	ALWRR216 \$000300	C/D	•	•	Xenon Right (Slave)
221 (S - Class)	2006 - 2013	ALWRR216 \$000301	C/D	•	•	Xenon Right (Slave)

### Other Continued

MERCEDES			Codes/ Data	Actuator tests	Special Functions	Base System
Model	Years	System				
221 (S - Class)	2006 - 2013	ALWRR216 \$010300	C/D	•	•	Xenon Right (Slave)
221 (S - Class)	2006 - 2013	ALWRR216M \$000100	C/D	•	•	Xenon Right (Slave)
221 (S - Class)	2006 - 2013	ALWRR216M \$000101	C/D	•	•	Xenon Right (Slave)
221 (S - Class)	2006 - 2013	ALWRR216M \$001002	C/D	•	•	Xenon Right (Slave)
221 (S - Class)	2006 - 2013	ALWRR216M \$001003	C/D	•	•	Xenon Right (Slave)
221 (S - Class)	2006 - 2013	ALWRR221M \$000700	C/D	•	•	Xenon Right (Slave)
221 (S - Class)	2006 - 2013	ALWRR221M \$000701	C/D	•	•	Xenon Right (Slave)
221 (S - Class)	2006 - 2013	ALWRR221M \$000702	C/D	•	•	Xenon Right (Slave)
221 (S - Class)	2006 - 2013	ALWRR221M \$000703	C/D	•	•	Xenon Right (Slave)
221 (S - Class)	2006 - 2013	ALWRR221M \$010000	C/D	•	•	Xenon Right (Slave)
221 (S - Class)	2006 - 2013	ALWRR221M \$010700	C/D	•	•	Xenon Right (Slave)
216 (CL - Class)	2007 - 2013	XALWA221_S	C/D	•	•	Xenon Right (Slave)
216 (CL - Class)	2007 - 2013	ALWRR216 \$000300	C/D	•	•	Xenon Right (Slave)
216 (CL - Class)	2007 - 2013	ALWRR216M \$000100	C/D	•	•	Xenon Right (Slave)
216 (CL - Class)	2007 - 2013	ALWRR216 \$010300	C/D	•	•	Xenon Right (Slave)
216 (CL - Class)	2007 - 2013	ALWRR216M \$000100	C/D	•	•	Xenon Right (Slave)
216 (CL - Class)	2007 - 2013	ALWRR216M \$001001	C/D	•	•	Xenon Right (Slave)
216 (CL - Class)	2007 - 2013	ALWRR216M \$001002	C/D	•	•	Xenon Right (Slave)
216 (CL - Class)	2007 - 2013	ALWRR216M \$001003	C/D	•	•	Xenon Right (Slave)
216 (CL - Class)	2007 - 2013	ALWRR221M \$000700	C/D	•	•	Xenon Right (Slave)
216 (CL - Class)	2007 - 2013	ALWRR221M \$000701	C/D	•	•	Xenon Right (Slave)
216 (CL - Class)	2007 - 2013	ALWRR221M \$000702	C/D	•	•	Xenon Right (Slave)
216 (CL - Class)	2007 - 2013	ALWRR221M \$000703	C/D	•	•	Xenon Right (Slave)
216 (CL - Class)	2007 - 2013	ALWRR221M \$010000	C/D	•	•	Xenon Right (Slave)
216 (CL - Class)	2007 - 2013	ALWRR221M \$010700	C/D	•	•	Xenon Right (Slave)

# Engine Management Applications

MG ROVER							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
MG Express	2004 - 2005	101	2.0L Diesel	EDC15M	C,D	•	•
MG Express	2004 - 2005	105	1.4L MPI	MEMS3J	C,D	•	•
MG Express	2004 - 2005	160	1.8L MPI	MEMS3J	C,D	•	•
MG TF	2002 - 2005	16K4	1.6L MPI	MEMS3J	C,D	•	•
MG TF	2002 - 2005	18K4	1.8L MPI	MEMS3J	C,D	•	•
MG TF	2002 - 2005	18K4	1.8L MPI Vvc	MEMS3J	C,D	•	•
MG ZR	2000 - 2005	101	2.0L Diesel	EDC15M	C,D	•	•
MG ZR	2000 - 2005	105	1.4L MPI	MEMS3J	C,D	•	•
MG ZR	2000 - 2005	160	1.8L MPI	MEMS3J	C,D	•	•
MG ZS	2000 - 2005	101	2.0L Diesel	EDC15M	C,D	•	•
MG ZS	2000 - 2005	105	1.4L MPI	MEMS3J	C,D	•	•
MG ZS	2000 - 2005	110	1.6L MPI	MEMS3J	C,D	•	•
MG ZS	2000 - 2005	120	1.8L MPI	MEMS3J	C,D	•	•
MG ZS	2000 - 2005	180	2.5L MPI	EMS2000	C,D	•	•
MG ZT	1999 - 2000	160	1.8L Turbo	MEMS3J(I)	C,D	•	•
MG ZT	1999 - 2005	160	1.8L Turbo	MEMS3J	C,D	•	•
MG ZT	1999 - 2005	190	2.5L MPI	EMS2000	C,D	•	•
MG ZT	1999 - 2005	M47R	2.0L Diesel	DDE4.0	C,D	•	•
MG ZT	2004 - 2005		4.6L Dohc V8 (260) (260)	-	C,D	•	•
MG ZT-T	1999 - 2000	160	1.8L Turbo	MEMS3J(I)	C,D	•	•
MG ZT-T	1999 - 2005	160	1.8L Turbo	MEMS3J	C,D	•	•
MG ZT-T	1999 - 2005	190	2.5L MPI	EMS2000	C,D	•	•
MG ZT-T	1999 - 2005	M47R	2.0L Diesel	DDE4.0	C,D	•	•
MGF	1995 - 2002	18K4	1.8L MPI	MEMS 1.9	C,D	•	•
MGF	1995 - 2002	18K4	1.8L MPI Vvc	MEMS2J	C,D	•	•
MGF	1999 - 2002	18K4	1.8L MPI Vvc	MEMS3J	C,D	•	•
MGF	1999 - 2002	18K4KM	1.8L MPI Vvc	MEMS2J	C,D	•	•
MGF	1999 - 2002	18K4KM	1.8L MPI Vvc	MEMS3J	C,D	•	•
MGF	2000 - 2002	18K4	1.8L MPI	MEMS2J	C,D	•	•
MGF	2000 - 2002	18K4	1.8L MPI	MEMS3J	C,D	•	•
MGF	2000 - 2002	18K4	1.8L MPI Vvc	MEMS 1.9	C,D	•	•
MGF	2000 - 2002	18K4KM	1.8L MPI Vvc	MEMS 1.9	C,D	•	•
200 Vi	1995 - 1999	18K4	1.8L MPI Vvc	MEMS2J	C,D	•	•
211	1998 - 1999	11K8	1.1L MPI	MEMS 1.9	C,D	•	•
214	1995 - 1995	14K4C	1.4L 16V CPI	MEMS 1.6	C,D	•	•
214	1995 - 1995	14K4D	1.4L 16V CPI	MEMS 1.6	C,D	•	•
214	1995 - 1995	14K4F	1.4L 16V MPI	MEMS 1.6	C,D	•	•
214	1995 - 1996	14K2	1.4L MPI	MEMS 1.9	C,D	•	•
214	1995 - 1999	14K4F	1.4L 16V MPI	MEMS 1.9	C,D	•	•
214	1997 - 1999	11K8	1.4L MPI	MEMS 1.9	C,D	•	•
214/414	1992 - 1992		1.4L VV Cat (14K2D)	-			
214/414	1992 - 1992		1.4L VV No Cat (14K8)	-			
214/414	1992 - 1992	14K4	1.4L CPI No Cat	MEMS 1.6	C,D	•	•
214/414	1992 - 1992	14K4C	1.4L CPI Non Reg Cat	MEMS 1.6	C,D	•	•
214/414	1992 - 1992	14K4C	1.4L CPI Reg Cat	MEMS 1.6	C,D	•	•
214/414	1992 - 1994	14K4F	1.4L 16V MPI	MEMS 1.6	C,D	•	•
214/414	1993 - 1993	14K4F	1.4L 16V MPI	MEMS 1.9	C,D	•	•
214/414	1993 - 1994	14K4C	1.4L CPI	MEMS 1.6	C,D	•	•
216	1995 - 1995		1.6L Pgm-Fi (D16)	-			
216	1995 - 1999	16K4	1.6L MPI	MEMS 1.9	C,D	•	•
216 Coupe	1996 - 1999	16K4	1.6L 16V MPI	MEMS 1.9	C,D	•	•
216/416	1992 - 1996		1.6L Pgm-Fi (D16)	-			
218	1995 - 1999	18K4	1.8L MPI	MEMS 1.9	C,D	•	•
218 Coupe	1996 - 1999	18K4	1.8L MPI Vvc	MEMS2J	C,D	•	•
220	1996 - 1999	20T2N	2.0L Diesel Bosch	DDE 2.1 AM	C,D	•	•
220	1996 - 1999	20T2R	2.0L Diesel Mems	MEMS EDC	C,D	•	•
220 Coupe	1993 - 1995	20T4	2.0L MPI	MEMS 1.6	C,D	•	•
220 Coupe	1993 - 1995	20T4	2.0L MPI Turbo	MEMS 1.6	C,D	•	•
220/420	1992 - 1994	20T4	2.0L MPI	MEMS 1.6	C,D	•	•

MG ROVER							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
220/420	1992 - 1994	20T4	2.0L MPI Turbo	MEMS 1.6	C,D	•	•
220/420	1993 - 1993	20T4	2.0L MPI	MEMS 1.9	C,D	•	•
25	2000 - 2005	11K4FM	1.1L MPI	MEMS3J	C,D	•	•
25	2000 - 2005	14K4	1.4L MPI	MEMS3J	C,D	•	•
25	2000 - 2005	16K4	1.6L MPI	MEMS3J	C,D	•	•
25	2000 - 2005	18K4	1.8L MPI	MEMS3J	C,D	•	•
25	2000 - 2005	18K4	1.8L MPI Vvc	MEMS3J	C,D	•	•
25	2000 - 2005	20T2N	2.0L Diesel	EDC15M	C,D	•	•
414	1995 - 1995	14K8	1.4L CPI	MEMS 1.6	C,D	•	•
414	1995 - 1996	14K4C	1.4L 16V CPI	MEMS 1.6	C,D	•	•
414	1995 - 1996	14K4F	1.4L 16V MPI	MEMS 1.6	C,D	•	•
414	1995 - 1999	14K4F	1.4L 16V MPI	MEMS 1.9	C,D	•	•
416	1995 - 1995		1.6L Pgm-Fi (D16A6)	-			
416	1995 - 1999	16K4	1.6L 16V MPI	MEMS 1.9	C,D	•	•
416	1996 - 1999		1.6L Pgm-Fi (D16)	-			
420	1995 - 1995	20T4	2.0L MPI	MEMS 1.6	C,D	•	•
420	1995 - 1995	20T4	2.0L MPI Turbo	MEMS 1.6	C,D	•	•
420	1996 - 1999	20T2N	2.0L Diesel Bosch	DDE 2.1 AM	C,D	•	•
420	1996 - 1999	20T2R	2.0L Diesel Mems	MEMS EDC	C,D	•	•
420	1996 - 1999	20T4	2.0L MPI	MEMS 1.9	C,D	•	•
45	2000 - 2005	14K4FN	1.4L MPI	MEMS3J	C,D	•	•
45	2000 - 2005	16K4FN	1.6L MPI	MEMS3J	C,D	•	•
45	2000 - 2005	18K4	1.8L MPI	MEMS3J	C,D	•	•
45	2000 - 2005	18K4	1.8L MPI Vvc	MEMS3J	C,D	•	•
45	2000 - 2005	20K4	2.0L MPI	EMS2000	C,D	•	•
45	2000 - 2005	20T2N	2.0L Diesel	EDC15M	C,D	•	•
618	1993 - 1999		1.8L Pgm-Fi (F18A3)	-			
620	1992 - 1994	20T4	2.0L MPI Turbo	MEMS 1.6	C,D	•	•
620	1992 - 1999		2.0L Pgm-Fi (F20Z1)	-			
620	1995 - 1999	20T4	2.0L MPI Turbo	MEMS 1.9	C,D	•	•
620	1996 - 1999	20T2N	2.0L Diesel Bosch	DDE 2.1 AM	C,D	•	•
623	1993 - 1997		2.3L Pgm-Fi (H23A3)	-			
75	1999 - 2005	18K4FK	1.8L MPI	MEMS3J	C,D	•	•
75	1999 - 2005	18K4FK	1.8L MPI	MEMS3J(I)	C,D	•	•
75	1999 - 2005	20K4	2.0L MPI	EMS2000	C,D	•	•
75	1999 - 2005	25K4	2.5L MPI	EMS2000	C,D	•	•
75	1999 - 2005	M47R	2.0L Diesel	DDE4.0	C,D	•	•
75	2004 - 2005	160	1.8L Turbo	MEMS3J	C,D	•	•
820	1992 - 1992	20T4	2.0L MPI	MEMS 1.6	C,D	•	•
820	1992 - 1995	20T4	2.0L MPI Turbo	MEMS 1.6	C,D	•	•
820	1994 - 1999	20T4	2.0L MPI	MEMS 1.9	C,D	•	•
820	1995 - 1999	20T4	2.0L MPI Turbo	MEMS 1.9	C,D	•	•
825	1996 - 1999	25KV6	2.5L MPI V6	MEMS2J	C,D	•	•
827/Sterling/Vitesse	1992 - 1995		2.7L Pgm-Fi Cat (27V6)	-			
Cityrover	2004 - 2005	475	1.4L MPFI	-	C,D	•	•
Commerce	2004 - 2005	14K4	1.4L MPI	MEMS3J	C,D	•	•
Commerce	2004 - 2005	20T2N	2.0L Diesel	EDC15M	C,D	•	•
Maestro	1992 - 1992		2.0L EFI (20H)	-			
Maestro	1992 - 1995		1.3L VV (12H)	-			
Maestro	1992 - 1995		2.0L Diesel (MDI)	-			
Metro/100	1992 - 1995		1.1L VV (11K8)	-			
Metro/100	1992 - 1995		1.4L 16V CPI Cat	MEMS 1.6	C,D	•	•
Metro/100	1992 - 1995		1.4L 16V CPI No Cat	MEMS 1.6	C,D	•	•
Metro/100	1992 - 1995		1.4L CPI Cat	MEMS 1.6	C,D	•	•
Metro/100	1992 - 1995		1.4L VV (14K8)	-			
Metro/100	1992 - 1996	11K2D	1.1L CPI	MEMS 1.6	C,D	•	•
Metro/100	1992 - 1996	14K4	1.4L MPI	MEMS 1.6	C,D	•	•
Metro/100	1992 - 1996	14K8	1.4L CPI	MEMS 1.6	C,D	•	•
Metro/100	1992 - 1999		1.4L Diesel (K9A)	-			

Key for Special Functions: Bg- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Return, Rk- Reset Adaptations, S- Steering Angle Sensor, I- Inertia Body Return, Jk- Jumper or Type Sens Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

MG ROVER								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Metro/100	1992 - 1999		1.5L Diesel (VJZ)	-				
Metro/100	1995 - 1996	11K8	1.1L MPI	MEMS 1.6	C,D	•	•	
Metro/100	1997 - 1999	11K8	1.1L MPI	MEMS 1.9	C,D	•	•	
Metro/100	1997 - 1999	14K4	1.4L MPI	MEMS 1.9	C,D	•	•	
Mini	1992 - 1992		1.0L VV (12H)	-				
Mini	1992 - 1993		1.3L VV (12H)	-				
Mini	1992 - 1996	12A2	1.3L CPI	MEMS 1.6	C,D	•	•	
Mini	1995 - 1999	12A2	1.3L MPI	MEMS2J	C,D	•		
Mini	1996 - 1999	12A2	1.3L CPI	MEMS 1.9	C,D	•	•	
Mini Cooper	1992 - 1996	12A2	1.3L CPI	MEMS 1.6	C,D	•	•	
Mini Cooper	1996 - 1996	12A2	1.3L CPI	MEMS 1.9	C,D	•	•	
Montego	1992 - 1993		1.3L VV (12H)	-				
Montego	1992 - 1993		1.6L VV Cat (16H)	-				
Montego	1992 - 1993		1.6L VV No Cat (16H)	-				
Montego	1992 - 1993		2.0L EFI (20H)	-				
Montego	1992 - 1993		2.0L MPI (20H)	-				
Streetwise	2003 - 2005	14K4	1.4L MPI	MEMS3J	C,D	•	•	
Streetwise	2003 - 2005	20T2N	2.0L Diesel	EDC15M	C,D	•	•	
Tourer	2004 - 2005	18K4FK	1.8L MPI	MEMS3J	C,D	•	•	
Tourer	2004 - 2005	18K4FK	1.8L MPI	MEMS3J(I)	C,D	•	•	
Tourer	2004 - 2005	20K4	2.0L MPI	EMS2000	C,D	•	•	
Tourer	2004 - 2005	25K4	2.5L MPI	EMS2000	C,D	•	•	
Tourer	2004 - 2005	M47R	2.0L Diesel	DDE4.0	C,D	•	•	

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, J- Jumper or Type Sem Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Airbag

MG ROVER							
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions		
MG Express	2004 - 2005	ACU3 SRS	C				
MG Express	2004 - 2005	TEMIC MRS3 SRS	C				
MG TF	2002 - 2005	ACU3 SRS	C				
MG TF	2002 - 2005	RC5 EC5 SRS	C				
MG ZR	2000 - 2005	TEMIC MRS3 SRS	C				
MG ZR	2003 - 2005	ACU3 SRS	C				
MG ZS	2000 - 2005	TEMIC MRS3 SRS	C				
MG ZS	2003 - 2005	ACU3 SRS	C				
MG ZT	1999 - 2005	TEMIC MRS3 SRS	C				
MG ZT	2003 - 2005	ACU3 SRS	C				
MG ZT-T	1999 - 2005	TEMIC MRS3 SRS	C				
MG ZT-T	2003 - 2005	ACU3 SRS	C				
MGF	2000 - 2002	RC5 EC5 SRS	C				
25	2000 - 2005	TEMIC MRS3 SRS	C				
25	2003 - 2005	ACU3 SRS	C				
45	2000 - 2005	TEMIC MRS3 SRS	C				
45	2003 - 2005	ACU3 SRS	C				
618	1993 - 1999	-					
620	1992 - 1999	-					
623	1993 - 1997	-					
75	1999 - 2005	TEMIC MRS3 SRS	C				
75	2003 - 2005	ACU3 SRS	C				
Cityrover	2004 - 2005	ACU3 SRS (CITYROVER)	C				
Commerce	2004 - 2005	ACU3 SRS	C				
Commerce	2004 - 2005	TEMIC MRS3 SRS	C				
Streetwise	2003 - 2005	ACU3 SRS	C				
Streetwise	2003 - 2005	TEMIC MRS3 SRS	C				
Tourer	2004 - 2005	ACU3 SRS	C				
Tourer	2004 - 2005	TEMIC MRS3 SRS	C				

## Antilock Brakes

MG ROVER					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
MG Express	2004 - 2005	ABS 5.3	C		
MG TF	2002 - 2005	ABS 5.3	C		
MG ZR	2000 - 2005	ABS 5.3	C		
MG ZS	2000 - 2005	ABS 5.3	C		
MG ZT	1999 - 2005	ABS / DSC2	C		
MG ZT-T	1999 - 2005	ABS / DSC2	C		
MGF	1995 - 1998	ABS 5.0	C		
MGF	1999 - 1999	ABS 5.3	C		
200 Vi	1995 - 1998	ABS 5.0	C		
200 Vi	1999 - 1999	ABS 5.3	C		
211	1998 - 1998	ABS 5.0	C		
211	1999 - 1999	ABS 5.3	C		
214	1995 - 1995	-			
214	1995 - 1998	ABS 5.0	C		
214	1999 - 1999	ABS 5.3	C		
214/414	1992 - 1994	-			
216	1995 - 1998	ABS 5.0	C		
216	1999 - 1999	ABS 5.3	C		
216 Coupe	1996 - 1998	ABS 5.0	C		
216 Coupe	1999 - 1999	ABS 5.3	C		
216/416	1992 - 1994	-			
216/416	1995 - 1996	ABS 5.0	C		
218	1992 - 1999	ABS 5.3	C		
218	1993 - 1994	-			
218	1995 - 1998	ABS 5.0	C		
218 Coupe	1996 - 1998	ABS 5.0	C		
218 Coupe	1999 - 1999	ABS 5.3	C		
220	1996 - 1998	ABS 5.0	C		
220	1999 - 1999	ABS 5.3	C		
220 Coupe	1993 - 1995	-			
220/420	1992 - 1994	-			
25	2000 - 2005	ABS 5.3	C		
414	1995 - 1996	-			
414	1995 - 1998	ABS 5.0	C		
414	1999 - 1999	ABS 5.3	C		
416	1995 - 1998	ABS 5.0	C		
416	1996 - 1999	ABS 5.3	C		
420	1995 - 1995	-			
420	1995 - 1999	ABS 5.0	C		
420	1999 - 1999	ABS 5.3	C		
45	2000 - 2005	ABS 5.3	C		
618	1993 - 1999	-			
620	1992 - 1999	-			
623	1993 - 1997	-			
75	1999 - 2005	ABS / DSC2	C		
820	1992 - 1995	-			
820	1996 - 1999	ABS 5.0	C		
825	1992 - 1995	-			
825	1996 - 1999	ABS 5.0	C		
827/Sterling/Vitesse	1992 - 1995	-			
Cityrover	2004 - 2005	ABS 5.3	C		
Commerce	2004 - 2005	ABS 5.3	C		
Streetwise	2003 - 2005	ABS 5.3	C		
Tourer	2004 - 2005	ABS / DSC2	C		

## Auto Transmission

MG ROVER					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
MG Express	2004 - 2005	EM-CVT A/T via MEMS3J	C		
MG Express	2004 - 2005	JATCO A/T	C		
MG TF	2002 - 2005	EM-CVT A/T via MEMS3J	C		
MG TF	2002 - 2005	JATCO A/T	C		
MG ZR	2000 - 2005	EM-CVT A/T via MEMS3J	C		
MG ZR	2000 - 2005	JATCO A/T	C		
MG ZS	2000 - 2005	EM-CVT A/T via MEMS3J	C		
MG ZS	2000 - 2005	JATCO A/T	C		
MG ZT	1999 - 2005	EM-CVT A/T via MEMS3J	C		
MG ZT	1999 - 2005	JATCO A/T	C		
MG ZT-T	1999 - 2005	EM-CVT A/T via MEMS3J	C		
MG ZT-T	1999 - 2005	JATCO A/T	C		
MGF	2000 - 2002	EM-CVT A/T via MEMS3J	C		
MGF	2000 - 2002	JATCO A/T	C		
25	2000 - 2005	EM-CVT A/T via MEMS3J	C		
25	2000 - 2005	JATCO A/T	C		
45	2000 - 2005	EM-CVT A/T via MEMS3J	C		
45	2000 - 2005	JATCO A/T	C		
618	1993 - 1999	-			
623	1993 - 1997	-			
75	1999 - 2005	EM-CVT A/T via MEMS3J	C		
75	1999 - 2005	JATCO A/T	C		
Commerce	2004 - 2005	EM-CVT A/T via MEMS3J	C		
Commerce	2004 - 2005	JATCO A/T	C		
Streetwise	2003 - 2005	EM-CVT A/T via MEMS3J	C		
Streetwise	2003 - 2005	JATCO A/T	C		
Tourer	2004 - 2005	EM-CVT A/T via MEMS3J	C		
Tourer	2004 - 2005	JATCO A/T	C		

## Instrument Panel

MG ROVER					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
MG ZT	1999 - 2005	IKI	•		
MG ZT	1999 - 2005	KOM	•		
MG ZT-T	1999 - 2005	IKI	•		
MG ZT-T	1999 - 2005	KOM	•		
75	1999 - 2005	IKI	•		
75	1999 - 2005	KOM	•		
Tourer	2004 - 2005	IKI	•		
Tourer	2004 - 2005	KOM	•		

Key for Special Functions: B: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Relearn, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Relearn, A: Type A or Type Semi Auto, \* : Other (see table on page 26) Dark grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



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 Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, A: Airpump or Type Sent Auto, \* : Other (see table on page 26). Dark grey lines indicate new content at 14, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

MITSUBISHI								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Asx (AWD)	2009 - 2013	4N13	1.8 DiD DOHC MIVEC	ASX ECU	C/D	•	•IP	
Asx (FWD)	2009 - 2013	4A92	1.6L DOHC MIVEC	ASX ECU	C/D	•	•,R	
Asx (FWD)	2009 - 2013	4N13	1.8 DiD DOHC MIVEC	ASX ECU	C/D	•	•IP	
Asx (FWD)	2012 - 2013	4B11	2.0L D4 MPI MIVEC	-	C/D	•		
Asx (FWD)	2013 - 2013	4N14	2.2L DiD	OUTLANDER ECU	C/D	•	•IP	
Asx 4Work (AWD)	2012 - 2013	4N13	1.8 DiD DOHC MIVEC	ASX ECU	C/D	•	•IP	
Carisma	2000 - 2005	4G13	1.3L 12Valve	-	C/D	•		
Carisma	2000 - 2005	4G92	1.6L 16Valve	-	C/D	•		
Carisma	2000 - 2005	4G93	1.8L MPI	-	C/D	•		
Carisma	2000 - 2005	G13	1.3L 16Valve	-	C/D	•		
Colt Ce	2000 - 2002	4G13	1.3L 12Valve	-	C/D	•		
Colt Ce	2000 - 2004	4G13	1.3L 12Valve	-	C/D	•		
Colt Ce	2000 - 2004	G13	1.3L 16Valve	-	C/D	•		
Colt Cz	2004 - 2011	3A91	1.1L MIVEC	COLT ECU	C/D	•		
Colt Cz	2004 - 2011	4A90	1.3L MIVEC DOHC	1.3L 4A90 CAN	C/D	•		
Colt Cz	2004 - 2011	Z38A	1.5L DiD Low Power	COLT ECU	C/D	•	•I	
Colt Cz	2004 - 2011	Z39A	1.5L DiD High Power	COLT ECU	C/D	•	•I	
Colt Cz	2004 - 2013	4G15	1.5L MIVEC DOHC	1.3L 4A90 CAN	C/D	•		
Colt Cz	2004 - 2013	4G15	1.5L MIVEC DOHC TURBO	1.3L 4A90 CAN	C/D	•		
Colt Cz	2012 - 2013	4A91	1.3L MIVEC DOHC Cleartec	1.3L 4A90 CAN	C/D	•		
Colt Cz	2012 - 2013	A91	1.1L MIVEC Cleartec	COLT ECU	C/D	•		
Galant	2000 - 2004	4G69	2.0L	-	C/D	•		
Grandis	2005 - 2005		2.4L	-	C/D	•		
Grandis	2006 - 2011	BSY	2.0 D	GRANDIS ECU	C/D	•		
Grandis	2006 - 2011	BWC	2.0 D	GRANDIS ECU	C/D	•		
Icar	2006 - 2010	3B20	660 cc DOHC MIVEC	ICAR ECU	C/D	•		
L200 K6/K7	2001 - 2005		2.5 /3.2TD	-	C/D	•		
L200 K6/K7	2003 - 2004		2.5/3.2 TD	-	C/D	•		
L200 Ka/Kb	2006 - 2011	4D56	2.5L DiD	L200 Denso	C/D	•	•IP	
Lancer	2001 - 2003	4G13	1.3L 12Valve	-	C/D	•		
Lancer	2001 - 2003	G18	1.6L 12Valve	-	C/D	•		
Lancer	2001 - 2008	4G63	2.0L	-	C/D	•		
Lancer	2001 - 2008	G13	1.3L 16Valve	-	C/D	•		
Lancer	2001 - 2008	G18	1.6L 16Valve	-	C/D	•		
Lancer Cx Sportback	2008 - 2011	BWC	2.0L DiD	LANCER ECU	C/D	•		
Lancer Cx Sportback	2008 - 2012	4A91	1.5L MIVEC	LANCER ECU	C/D	•	•I,R	
Lancer Cx Sportback	2008 - 2013	4B10	1.8L MIVEC	LANCER ECU	C/D	•	R	
Lancer Cx Sportback	2008 - 2013	4N13	1.8 DiD DOHC MIVEC	LANCER ECU	C/D	•	IP	
Lancer Cx Sportback	2011 - 2013	4A92	1.6L MIVEC	LANCER ECU	C/D	•	R	
Lancer Cy	2008 - 2011	BWC	2.0L DiD	LANCER ECU	C/D	•		
Lancer Cy	2008 - 2012	4A91	1.5L MIVEC	LANCER ECU	C/D	•	•I,R	
Lancer Cy	2008 - 2013	4A92	1.6L MIVEC	LANCER ECU	C/D	•	R	
Lancer Cy	2008 - 2013	4B10	1.8L MIVEC	LANCER ECU	C/D	•	R	
Lancer Cy	2008 - 2013	4N13	1.8 DiD DOHC MIVEC	LANCER ECU	C/D	•	•IP	
Lancer Evo Ix	2007 - 2007		2.0L TURBO	-	C/D	•		
Lancer Evo Ix	2008 - 2008	4G63	2.0L Turbo	-	C/D	•		
Lancer Evo Vii	2002 - 2002		2.0L TURBO	-	C/D	•		
Lancer Evo Viii	2003 - 2004		2.0L TURBO	-	C/D	•		
Lancer Evo Viii	2005 - 2006		2.0L TURBO	-	C/D	•		
Lancer Evo X	2008 - 2013	4B11	2.0L TURBO	LANCER ECU	C/D	•	•,R	
Lancer Ralliart	2008 - 2013	4B11	2.0L TURBO	LANCER ECU	C/D	•	•,R	
Lancer Wagon	2003 - 2007	G18	1.6L 12Valve	-	C/D	•		
Lancer Wagon	2003 - 2008	4G63	2.0L	-	C/D	•		
Lancer Wagon	2003 - 2008	G18	1.6L 16Valve	-	C/D	•		
New L200	2012 - 2013	4D56	2.5L DiD	L200 Denso	C/D	•	•I	

MITSUBISHI								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Outlander Cu	2001 - 2005	4G69	2.4L DOHC	-	C/D	•		
Outlander Cw (AWD)	2006 - 2010	4HN	2.2L DiD	OUTLANDER ECU	C/D	•	•IP	
Outlander Cw (AWD)	2006 - 2012	4N14	2.2L DiD	OUTLANDER ECU	C/D	•	•IP	
Outlander Cw (AWD)	2006 - 2012	BSY	2.0L DiD	OUTLANDER ECU	C/D	•		
Outlander Cw (AWD)	2011 - 2012	4HK	2.2L DiD	OUTLANDER ECU	C/D	•	•IP	
Outlander Cw (FWD)	2006 - 2012	4HN	2.2L DiD	OUTLANDER ECU	C/D	•	•IP	
Outlander Cw (FWD)	2006 - 2012	4N14	2.2L DiD	OUTLANDER ECU	C/D	•	•IP	
Outlander Cw (FWD)	2006 - 2012	BSY	2.0L DiD	OUTLANDER ECU	C/D	•		
Outlander Cw (FWD)	2011 - 2012	4HK	2.2L DiD	OUTLANDER ECU	C/D	•	•IP	
Outlander Gf	2012 - 2013	4B11	2.0L D4 MPI MIVEC	-	C/D	•		
Outlander Gf	2012 - 2013	4N14	2.2L DiD	OUTLANDER ECU	C/D	•	•IP	
Shogun(Pajero) Bk (V8)	2007 - 2013	4M41	3.2L DiD	Pajero Denso	C/D	•	•IP	
Shogun(Pajero) Bk (V9)	2007 - 2013	4M41	3.2L DiD	Pajero Denso	C/D	•	•IP	
Shogun(Pajero)Ck	2000 - 2000		2.5/3.2L DiD	-	C/D	•		
Shogun(Pajero)Ck (AWD)	2001 - 2008		2.5/3.2L DiD	-	C/D	•		
Shogun(Pajero)Ck (FWD)	2001 - 2008		2.5/3.2L DiD	-	C/D	•		
Shogun(Pajero)Pinin	2000 - 2005		1.8 MPI	-	C/D	•		
Shogun(Pajero)Sport	2000 - 2002		2.5/3.2 TD	-	C/D	•		
Shogun(Pajero)Sport	2003 - 2004		2.5 /3.2 TD	-	C/D	•		
Shogun(Pajero)Sport	2005 - 2005		2.5/3.2TD	-	C/D	•		
Shogun(Pajero)Sport	2006 - 2008		2.5/3.2L DiD	-	C/D	•		
Spacestar	2000 - 2004		1.6L 12Valve	-	C/D	•		
Spacestar	2000 - 2004		1.6L 16 Valve	-	C/D	•		
Spacestar	2000 - 2004	4G13	1.3L 12Valve Early	-	C/D	•		
Spacestar	2000 - 2004	4G13	1.3L Twin coil	-	C/D	•		
Spacestar	2000 - 2004	G13	1.3L 16Valve	-	C/D	•		
SpaceStar/Mirage	2012 - 2013	3A90	1.0L	Engine_ECU	C/D	•	•,R	
SpaceStar/Mirage	2012 - 2013	3A92	1.2L	Engine_ECU	C/D	•	•,R	
Spacewagon	2000 - 2004		2.0L	-	C/D	•		

## Airbag

MITSUBISHI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Asx (AWD)	2009 - 2013	ASX ECU	C/D	•	
Asx (FWD)	2009 - 2013	ASX ECU	C/D	•	
Asx 4Work (AWD)	2012 - 2013	ASX ECU	C/D	•	
Carisma	2000 - 2005	-	C/D		
Colt Ce	2000 - 2004	-	C/D		
Colt Cz	2004 - 2013	COLT ECU	C/D	•	
Galant	2000 - 2004	-	C/D		
Grandis	2005 - 2011	GRANDIS ECU	C/D	•	
Icar	2006 - 2010	iCAR ECU	C	•	
I-Miev(Electric)	2010 - 2010	iCAR ECU	C	•	
L200 K6/K7	2001 - 2005	-	C/D		
L200 Ka/Kb	2006 - 2011	L200	C	•	
Lancer	2001 - 2008	-	C/D		
Lancer Cx Sportback	2008 - 2013	LANCER ECU	C/D	•	
Lancer Cy	2008 - 2013	LANCER ECU	C/D	•	
Lancer Evo Ix	2007 - 2008	-	C/D	•	
Lancer Evo Vii	2002 - 2002	-	C/D		
Lancer Evo Viii	2003 - 2006	-	C/D		
Lancer Evo X	2008 - 2013	LANCER ECU	C/D	•	
Lancer Ralliart	2008 - 2013	LANCER ECU	C/D	•	
Lancer Wagon	2003 - 2008	-	C/D		
Outlander Cu	2001 - 2005	-	C/D		
Outlander Cw (AWD)	2006 - 2012	OUTLANDER ECU	C/D		
Outlander Cw (FWD)	2006 - 2012	OUTLANDER ECU	C/D		
Outlander Gf	2012 - 2013	OUTLANDER ECU	C/D	•	
Shogun(Pajero) Bk (V8)	2007 - 2013	Pajero Denso	C/D	•	
Shogun(Pajero) Bk (V9)	2007 - 2013	Pajero Denso	C/D	•	
Shogun(Pajero)Ck	2000 - 2000	-	C/D		
Shogun(Pajero)Ck (AWD)	2001 - 2008	-	C/D		
Shogun(Pajero)Ck (FWD)	2001 - 2008	-	C/D		
Shogun(Pajero)Pinin	2000 - 2005	-	C/D		
Shogun(Pajero)Sport	2000 - 2008	-	C/D		
Spacestar	2000 - 2004	-	C/D		
SpaceStar/Mirage	2012 - 2013	SRS ECU	C/D	•	
Spacewagon	2000 - 2004	-	C/D		

## Antilock Brakes

MITSUBISHI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Asx (AWD)	2009 - 2013	ASX ECU	C/D	•	
Asx (FWD)	2009 - 2013	ASX ECU	C/D	•	
Asx 4Work (AWD)	2012 - 2013	ASX ECU	C/D	•	
Carisma	2000 - 2005	ABS B012	C/D	•	
Carisma	2000 - 2005	ABS B015	C/D	•	
Carisma	2000 - 2005	ABS B01F	C/D	•	
Carisma	2000 - 2005	ABS B028	C/D	•	
Carisma	2000 - 2005	ABS B035	C/D	•	
Carisma	2000 - 2005	ABS B03C	C/D	•	
Carisma	2000 - 2005	ABS B03D	C/D	•	
Carisma	2000 - 2005	ABS B03E	C/D	•	
Carisma	2000 - 2005	ABS B03F	C/D	•	
Carisma	2000 - 2005	ABS B040	C/D	•	
Carisma	2000 - 2005	ABS B051	C/D	•	
Carisma	2000 - 2005	ABS B064	C/D	•	
Carisma	2000 - 2005	ABS B101	C/D	•	
Carisma	2000 - 2005	ABS B105	C/D	•	
Carisma	2000 - 2005	ABS B107	C/D	•	
Carisma	2000 - 2005	ABS B108	C/D	•	
Carisma	2000 - 2005	ABS B10A	C/D	•	
Carisma	2000 - 2005	ABS XXXX	C/D		
Colt Ce	2000 - 2004	-	C/D	•	
Colt Ce	2000 - 2004	LANCER ECU	C/D		
Colt Cz	2004 - 2013	COLT ECU	C/D	•	•,R
Galant	2000 - 2004	-	C/D	•	
Grandis	2005 - 2011	GRANDIS ECU	C/D		
Icar	2006 - 2010	iCAR ECU	C/D		
I-Miev	2011 - 2013	-	C/D	•	
I-Miev(Electric)	2010 - 2010	-	C/D	•	
L200 K6/K7	2001 - 2005	-	C/D	•	
L200 Ka/Kb	2006 - 2011	L200 Advics	C/D		
Lancer	2001 - 2008	-	C/D	•	
Lancer	2001 - 2008	LANCER ECU	C/D		
Lancer Cx Sportback	2008 - 2013	LANCER ECU	C/D		
Lancer Cx Sportback	2008 - 2013	LANCER ECU	C/D	•	
Lancer Cy	2008 - 2013	LANCER ECU	C/D		
Lancer Cy	2008 - 2013	LANCER ECU	C/D	•	
Lancer Evo Ix	2007 - 2008	-	C/D	•	
Lancer Evo Ix	2007 - 2008	LANCER ECU	C/D		
Lancer Evo Vii	2002 - 2002	-	C/D	•	
Lancer Evo Vii	2002 - 2002	LANCER ECU	C/D		
Lancer Evo Viii	2003 - 2006	-	C/D	•	
Lancer Evo Viii	2003 - 2006	LANCER ECU	C/D		
Lancer Evo X	2008 - 2013	LANCER ECU	C/D		
Lancer Ralliart	2008 - 2013	LANCER ECU	C/D		
Lancer Wagon	2003 - 2008	-	C/D	•	
Lancer Wagon	2003 - 2008	LANCER ECU	C/D		
New L200	2012 - 2013	L200 Advics	C/D	•	

## Antilock Brakes Continued

MITSUBISHI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Outlander Cu	2001 - 2005	-	C/D	•	
Outlander Cu	2001 - 2005	LANCER ECU	C/D		
Outlander Cw (AWD)	2006 - 2012	OUTLANDER ECU	C/D	•	
Outlander Cw (FWD)	2006 - 2012	OUTLANDER ECU	C/D	•	
Outlander Gf	2012 - 2013	OUTLANDER ECU	C/D	•	
Shogun(Pajero) Bk (V8)	2007 - 2013	-	C/D	•	
Shogun(Pajero) Bk (V9)	2007 - 2013	-	C/D	•	
Shogun(Pajero)Ck	2000 - 2000	-	C/D	•	
Shogun(Pajero)Ck (AWD)	2001 - 2008	-	C/D	•	
Shogun(Pajero)Ck (FWD)	2001 - 2008	-	C/D	•	
Shogun(Pajero)Pinin	2000 - 2004	-	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B012	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B015	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B01F	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B028	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B035	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B03C	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B03D	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B03E	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B03F	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B040	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B051	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B064	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B101	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B105	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B107	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B108	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS B10A	C/D	•	
Shogun(Pajero)Pinin	2000 - 2005	ABS XXXX	C/D		
Shogun(Pajero)Sport	2000 - 2008	-	C/D	•	
Spacestar	2000 - 2004	ABS B012	C/D	•	
Spacestar	2000 - 2004	ABS B015	C/D	•	
Spacestar	2000 - 2004	ABS B01F	C/D	•	
Spacestar	2000 - 2004	ABS B028	C/D	•	
Spacestar	2000 - 2004	ABS B035	C/D	•	
Spacestar	2000 - 2004	ABS B03C	C/D	•	
Spacestar	2000 - 2004	ABS B03D	C/D	•	
Spacestar	2000 - 2004	ABS B03E	C/D	•	
Spacestar	2000 - 2004	ABS B040	C/D	•	
Spacestar	2000 - 2004	ABS B051	C/D	•	
Spacestar	2000 - 2004	ABS B064	C/D	•	
Spacestar	2000 - 2004	ABS B101	C/D	•	
Spacestar	2000 - 2004	ABS B105	C/D	•	
Spacestar	2000 - 2004	ABS B107	C/D	•	
Spacestar	2000 - 2004	ABS B108	C/D	•	
Spacestar	2000 - 2004	ABS B10A	C/D	•	
Spacestar	2000 - 2004	ABS XXXX	C/D	•	
SpaceStar/Mirage	2012 - 2013	ABS ECU	C/D	•	

Key for Special Functions: B= Brake Blend, BS= Brake Service, C= Crash Data, CF= Configuration, E= ECU, F= Flywheel, I= Injector Coding, O= Oil reset for DPF, P= Particulate Filter, R= Return, RA= Reset Adaptations, S= Steering Angle Sensor, E= Electric Body Return, J= Jumper/Air or Type Semi Auto, \* = Other (see table on page 26) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary depending on platform. See inside back cover for details.

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 Key (or Special Functions): Bb- Brake Bleed, BS- Brake Service, C- Crash Data, Cf- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, Rk- Reset Adaptations, S- Steering Angle Sensor, E-1- Electric Power Steering, I- i- Inverter Auto or Type Semi Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Auto Transmission

MITSUBISHI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Colt Cz	2004 - 2013	TRANS CAN	C/D		
Icar	2006 - 2010	TRANS CAN	C/D	•	R
L200 K6/K7	2003 - 2005	-	C/D	•	
L200 Ka/Kb	2006 - 2011	TRANS CAN	C/D	•	•,R
Lancer	2001 - 2008	-	C/D	•	
Lancer Wagon	2003 - 2008	-	C/D	•	
New L200	2012 - 2013	TRANS CAN	C/D	•	•,R
Outlander Cu	2001 - 2005	-	C/D	•	
Shogun(Pajero) Bk (V8)	2007 - 2013	TRANS CAN	C/D	•	•,R
Shogun(Pajero) Bk (V9)	2007 - 2013	TRANS CAN	C/D	•	•,R
Shogun(Pajero)Ck	2000 - 2000	-	C/D	•	
Shogun(Pajero)Ck (AWD)	2001 - 2008	-	C/D	•	
Shogun(Pajero)Ck (FWD)	2001 - 2008	-	C/D	•	
Shogun(Pajero)Sport	2000 - 2008	-	C/D	•	
SpaceStar/Mirage	2012 - 2013	TRANS CAN	C/D	•	•,R

## Instrument Panel

MITSUBISHI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Asx (AWD)	2009 - 2013	-	C/D	•	
Asx (FWD)	2009 - 2013	-	C/D	•	
Asx 4Work (AWD)	2012 - 2013	-	C/D	•	
Colt Cz	2004 - 2013	COLT ECU	C/D		
I-Miev	2011 - 2013	-	C/D	•	
I-Miev(Electric)	2010 - 2010	-	C/D	•	
Lancer Cx Sportback	2008 - 2013	-	C/D	•	
Lancer Cy	2008 - 2013	-	C/D	•	•
Lancer Evo X	2008 - 2013	-	C/D	•	•
Lancer Ralliart	2008 - 2010	-	C/D	•	•
Outlander Cw (AWD)	2006 - 2012	-	C/D	•	
Outlander Cw (FWD)	2006 - 2012	-	C/D	•	

## Other

MITSUBISHI						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Asx (AWD)	2009 - 2013	4WD ECU	C/D	•		4WD
Asx (FWD)	2010 - 2013	4WD ECU	C/D	•		4WD
Asx 4Work (AWD)	2012 - 2013	4WD ECU	C/D	•		4WD
Outlander Cw (AWD)	2006 - 2012	4WD ECU	C/D	•		4WD
Outlander Cw (FWD)	2006 - 2011	4WD ECU	C/D	•		4WD
Lancer Evo VIII	2003 - 2006	-	C/D	•	•	Active Center Differential
Lancer Evo IX	2007 - 2008	-	C/D	•	•	Active Center Differential
Lancer Evo VII	2002 - 2002	-	C/D	•	•	Active Center Differential
Asx (FWD)	2009 - 2013	ASX ECU	C/D			AutoStop and Go System
Asx (AWD)	2009 - 2013	ASX ECU	C/D			AutoStop and Go System
Asx 4Work (AWD)	2012 - 2013	ASX ECU	C/D			AutoStop and Go System
Outlander Cw (AWD)	2006 - 2012	OUTLANDER ECU	C/D			AutoStop and Go System
Outlander Cw (FWD)	2006 - 2012	OUTLANDER ECU	C/D			AutoStop and Go System
Outlander Gf	2013 - 2013	ASX ECU	C/D	•		AutoStop and Go System
Shogun(Pajero) Bk (V8)	2007 - 2013	-	C/D	•		Body Control Module
Shogun(Pajero) Bk (V9)	2007 - 2013	-	C/D	•		Body Control Module
New L200	2012 - 2013	L200	C/D			Body Control Module
Colt Cz	2004 - 2013	COLT ECU	C/D	•		Body Control Module
Grandis	2005 - 2011	-	C/D	•		Body Control Module
I-Miev	2011 - 2013	-	C/D	•		Body Control Module
L200 Ka/Kb	2006 - 2011	L200	C/D			Body Control Module
Shogun(Pajero) Bk (V9)	2007 - 2013	-				Clear all Codes read by Code Scan
Outlander Gf	2012 - 2013	-				Clear all Codes read by Code Scan
Lancer Ralliart	2008 - 2013	-				Clear all Codes read by Code Scan
Lancer Evo X	2008 - 2013	-				Clear all Codes read by Code Scan
Outlander Cw (AWD)	2006 - 2012	-				Clear all Codes read by Code Scan
Outlander Cw (FWD)	2006 - 2012	-				Clear all Codes read by Code Scan
Grandis	2006 - 2011	-				Clear all Codes read by Code Scan
L200 Ka/Kb	2006 - 2011	-				Clear all Codes read by Code Scan
Lancer Cx Sportback	2008 - 2013	-				Clear all Codes read by Code Scan
Lancer Cy	2008 - 2013	-				Clear all Codes read by Code Scan
Colt Cz	2004 - 2013	-				Clear all Codes read by Code Scan
Asx (AWD)	2009 - 2013	-				Clear all Codes read by Code Scan
Asx (FWD)	2009 - 2013	-				Clear all Codes read by Code Scan
Asx 4Work (AWD)	2012 - 2013	-				Clear all Codes read by Code Scan
Lancer Cy	2008 - 2013	-				Code Scan
Lancer Cx Sportback	2008 - 2013	-				Code Scan
L200 Ka/Kb	2006 - 2011	-				Code Scan
Grandis	2006 - 2011	-				Code Scan
Colt Cz	2004 - 2013	-				Code Scan
Asx (AWD)	2009 - 2013	-				Code Scan

## Other Continued

MITSUBISHI						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Asx (FWD)	2009 - 2013	-				Code Scan
Asx 4Work (AWD)	2012 - 2013	-				Code Scan
Outlander Cw (FWD)	2006 - 2012	-				Code Scan
New L200	2012 - 2013	-				Code Scan
Outlander Cw (AWD)	2006 - 2012	-				Code Scan
Lancer Evo X	2008 - 2013	-				Code Scan
Lancer Ralliart	2008 - 2013	-				Code Scan
Outlander Gf	2012 - 2013	-				Code Scan
Shogun(Pajero) Bk (V8)	2007 - 2013	-				Code Scan
Shogun(Pajero) Bk (V9)	2007 - 2013	-				Code Scan
SpaceStar/Mirage	2012 - 2013	-				Code Scan
I-Miev(Electric)	2010 - 2010	-	C/D	•		Electric Motor
I-Miev	2011 - 2013	-	C/D	•		Electric Motor
Icar	2006 - 2010	iCAR ECU	C/D			Electric Power Steering
Lancer Cy	2008 - 2013	LANCER ECU	C/D			Electric Power Steering
Lancer Cx Sportback	2008 - 2013	LANCER ECU	C/D			Electric Power Steering
Asx (AWD)	2009 - 2013	ASX ECU	C/D			Electric Power Steering
Asx (FWD)	2009 - 2013	ASX ECU	C/D			Electric Power Steering
Asx 4Work (AWD)	2012 - 2013	ASX ECU	C/D			Electric Power Steering
Colt Cz	2004 - 2013	COLT ECU	C/D			Electric Power Steering
SpaceStar/Mirage	2012 - 2013	COLT ECU	C/D			Electric Power Steering
Icar	2006 - 2010	iCAR ECU	C/D			Electronic Time and Alarm Control
Lancer Cx Sportback	2008 - 2013	-	C/D	•		F.A.S.T./IMMO
Asx (FWD)	2009 - 2013	-	C/D	•		F.A.S.T./IMMO
Outlander Cw (FWD)	2006 - 2012	-	C/D	•		F.A.S.T./IMMO
Lancer Ralliart	2008 - 2013	-	C/D	•		F.A.S.T./IMMO
Lancer Evo X	2008 - 2013	-	C/D	•		F.A.S.T./IMMO
Lancer Cy	2008 - 2013	-	C/D	•		F.A.S.T./IMMO
Lancer Evo IX	2007 - 2008	-	C/D			Immobilizer
Lancer Evo VIII	2003 - 2006	-	C/D			Immobilizer
L200 K6/K7	2003 - 2005	-	C/D			Immobilizer
L200 Ka/Kb	2006 - 2011	L200	C/D	•		Immobilizer
Lancer	2003 - 2008	-	C/D			Immobilizer
Colt Cz	2004 - 2013	COLT ECU	C/D	•		Immobilizer
Galant	2000 - 2001	-	C/D			Immobilizer
Colt Ce	2001 - 2001	-	C/D			Immobilizer
Grandis	2006 - 2011	GRANDIS ECU	C/D			Immobilizer
Lancer Wagon	2003 - 2008	-	C/D			Immobilizer
Outlander Cu	2001 - 2005	-	C/D			Immobilizer
Shogun(Pajero) Sport	2001 - 2008	-	C/D			Immobilizer
Spacestar	2000 - 2004	-	C/D			Immobilizer
Shogun(Pajero) Bk (V9)	2007 - 2013	Pajero Denso	C/D	•		Immobilizer
Shogun(Pajero)Ck (AWD)	2003 - 2008	-	C/D			Immobilizer
Shogun(Pajero)Ck (FWD)	2003 - 2008	-	C/D			Immobilizer
Shogun(Pajero)Pinin	2000 - 2005	-	C/D			Immobilizer
Spacewagon	2000 - 2004	-	C/D			Immobilizer
Grandis	2005 - 2005	-	C/D			Immobilizer(early)
SpaceStar/Mirage	2013 - 2013	-	C/D	•		One Touch Start/Stop
Asx (FWD)	2012 - 2013	-	C/D	•		Rain Light Sensor

## Other Continued

MITSUBISHI						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Asx (AWD)	2012 - 2013	-	C/D		•	Rain Light Sensor
Lancer Evo X	2013 - 2013	-	C/D		•	Rain Light Sensor
Outlander Cw (AWD)	2012 - 2012	-	C/D		•	Rain Light Sensor
Outlander Cw (FWD)	2012 - 2012	-	C/D		•	Rain Light Sensor
Shogun(Pajero) Bk (V8)	2009 - 2010	-			•	Steering Angle Sensor
SpaceStar/Mirage	2012 - 2013	-			•	Steering Angle Sensor
Shogun(Pajero) Bk (V9)	2009 - 2010	-			•	Steering Angle Sensor
Outlander Cw (FWD)	2006 - 2012	-			•	Steering Angle Sensor
Outlander Cw (AWD)	2006 - 2012	-			•	Steering Angle Sensor
Lancer Evo X	2008 - 2013	-			•	Steering Angle Sensor
Lancer Ralliart	2008 - 2013	-			•	Steering Angle Sensor
Asx (FWD)	2009 - 2013	-			•	Steering Angle Sensor
Asx (AWD)	2009 - 2013	-			•	Steering Angle Sensor
Asx 4Work (AWD)	2012 - 2013	-			•	Steering Angle Sensor
Grandis	2005 - 2011	-			•	Steering Angle Sensor
Lancer Cy	2008 - 2013	-			•	Steering Angle Sensor
Lancer Cx Sportback	2008 - 2013	-			•	Steering Angle Sensor
Shogun(Pajero)Ck	2000 - 2000	-	C/D	•		Super Select 4WD
Shogun(Pajero)Ck (AWD)	2001 - 2008	-	C/D	•		Super Select 4WD
Shogun(Pajero) Sport	2000 - 2002	-	C/D	•		Super Select 4WD
Shogun(Pajero) Bk (V8)	2009 - 2010	-	C/D	•		Super Select 4WD
Shogun(Pajero) Bk (V9)	2007 - 2010	-	C/D	•		Super Select 4WD
Lancer Cy	2008 - 2013	-			•	Wheel Alignment
Lancer Cx Sportback	2008 - 2013	-			•	Wheel Alignment
L200 Ka/Kb	2006 - 2011	-			•	Wheel Alignment
Grandis	2005 - 2009	-			•	Wheel Alignment
Asx 4Work (AWD)	2012 - 2013	-			•	Wheel Alignment
Asx (AWD)	2009 - 2013	-			•	Wheel Alignment
Asx (FWD)	2009 - 2013	-			•	Wheel Alignment
Outlander Cw (AWD)	2008 - 2012	-			•	Wheel Alignment
Lancer Evo X	2009 - 2013	-			•	Wheel Alignment
Lancer Ralliart	2008 - 2013	-			•	Wheel Alignment
Outlander Cw (FWD)	2008 - 2012	-			•	Wheel Alignment
Outlander Gf	2012 - 2013	-			•	Wheel Alignment
Shogun(Pajero) Bk (V8)	2007 - 2013	-			•	Wheel Alignment
Shogun(Pajero) Bk (V9)	2008 - 2013	-			•	Wheel Alignment

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, RA- Relearn Adaptations, S- Steering Angle Sensor, I- Inlet Body Relearn, JA- Jumper or Type Semi Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1.4, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



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 Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, A- Air Type Sensor or Type Sensor Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

NISSAN								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
2005x S14	1999 - 1999	SR20	2.0L	-	C/D			
2005x S14A	2000 - 2001	SR20	2.0L	-	C/D			
350Z Z33	2002 - 2009	VQ35	3.5L	-	C/D	•		
370Z Z34	2010 - 2013	VQ37	3.7L	-	C/D			
Almera N15	1999 - 2000	GA14	1.4L	-	C/D			
Almera N15	1999 - 2000	GA16	1.6L	-	C/D			
Almera N15	1999 - 2000	SR20	2.0L	-	C/D			
Almera N16	2000 - 2002	YD22	2.2L TD	-	C/D			
Almera N16	2000 - 2008	QG15	1.5L	-	C/D	•		
Almera N16	2000 - 2008	QG18	1.8L	-	C/D	•		
Almera N16	2003 - 2008	D22	2.2L dCi	-	C/D	•		
Almera Tino V10	1999 - 2002	SR20	2.0L	-	C/D	•		
Almera Tino V10	1999 - 2008	QG18	1.8L	-	C/D	•		
Cube Z12	2010 - 2013	HR16	1.6L	-	C/D	•		
Interstar X70	2007 - 2012	G9U	2.5L dCi CAN	REN EDC 16 C3	C/D		I,E	
Interstar X70	2007 - 2012	G9U	2.5L dCi CAN	REN EDC16CP33	C/D		I,E	
Juke F15	2010 - 2013	HR16	1.6L	-	C/D	•		
Juke F15	2010 - 2013	K9K	1.5L dCi	DDCR	C/D	•		
Juke F15	2012 - 2013	MR16DDT	1.6L L4 DIG Turbo	-	C/D	•		
Leaf ZEO	2011-2013		EV	3NL2A	C/D			
Maxima Qx A33	1999 - 2005	VQ20DE	2.0L	-	C/D	•		
Maxima Qx A33	1999 - 2005	VQ30DE	3.0L	-	C/D	•		
Maxima Se A32	1999 - 2000	VQ20DE	2.0L	-	C/D			
Maxima Se A32	1999 - 2000	VQ30DE	3.0L	-	C/D			
Micra K11	1999 - 2000	CG13	1.3L	-	C/D			
Micra K11	1999 - 2002	CG10	1.0L	-	C/D	•		
Micra K11	1999 - 2002	CGA3	1.4L	-	C/D	•	•	
Micra K12	2003 - 2011	CR10	1.0L	-	C/D	•	•	
Micra K12	2003 - 2011	CR12	1.2L	-	C/D	•	•	
Micra K12	2003 - 2011	CR14	1.4L	-	C/D	•	•	
Micra K12	2003 - 2011	HR16	1.6L	-	C/D	•	•	
Micra K12	2003 - 2011	K9K	1.5L dCi	REN DCM 1.2	C/D	•	I,E	
Micra K12	2003 - 2011	K9K	1.5L dCi	REN SID 301	C/D	•		
Micra K12	2003 - 2011	K9K	1.5L dCi	Renault DDCR Injection	C/D	•	I,E	
Micra K13	2010 - 2013	HR12DDR	1.2L	-	C/D	•		
Micra K13	2010 - 2013	HR12DE	1.2L	-	C/D	•		
Murano Z50	2004 - 2008	VQ35	3.5L	-	C/D	•		
Murano Z51	2009 - 2013	VQ35DE	3.5L V6 MFI	-	C/D	•		
Navara D40	2010 - 2013	YD25	2.5L dCi	5X82C	C/D			
Note E11	2005 - 2012	HR16	1.6L	-	C/D	•		
Note E11	2005 - 2013	CR14	1.4L	-	C/D	•		
Note E11	2005 - 2013	K9K	1.5L dCi	REN DCM 1.2	C/D		E	
Note E11	2005 - 2013	K9K	1.5L dCi	REN SID 301	C/D		E	
Note E11	2005 - 2013	K9K	1.5L dCi	Renault DDCR Injection	C/D		E	
Note E11	2010 - 2013	K9K	1.5L dCi	DCM 3.4	C/D	•		
Note E11	2012 - 2013	HR16DE	1.6L L4 MFI	-	C/D	•		
Note E11	2013 - 2013	HR16) CAN	1.6L	-	C/D	•		
Note E11	2013 - 2013	HR16) DDL2	1.6L	-	C/D	•		
Note E12	2013 - 2013	HR16DE	1.6L L4 MFI	-	C/D	•		
Note E12	2013 - 2013	K9K	1.5L dCi	DCM 3.4	C/D			
Note E12	2013 - 2013	K9K	1.5L dCi	REN DCM 1.2	C/D		E	
Note E12	2013 - 2013	K9K	1.5L dCi	REN SID 301	C/D		E	
Note E12	2013 - 2013	K9K	1.5L dCi	Renault DDCR Injection	C/D		E	
NV 200 M20	2010 - 2013	K9K	1.5L dCi	DCM 3.4	C/D	•		
NV 200 M20	2010 - 2013	K9K	1.5L dCi	DCM 1.2	C/D	•		

NISSAN								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
NV 400 X62	2011 - 2013	M9T	2.3L dci	EDC17-C11	C/D	•		
NV 400 X62	2011 - 2013	M9T	2.3L dci	EDC17-C42	C/D	•		
Pathfinder R51	2005 - 2008	VQ40DE	4.0L	-	C/D	•		
Pathfinder R51	2010 - 2013	YD25	2.5L dCi	5X82C	C/D			
Pathfinder R51	2012 - 2013	VQ40DE	4.0L V6 MFI	-	C/D	•		
Pixo UA0	2009 - 2013	K10B	1.0L	-	C/D	•		
Primastar X83	2006 - 2013	M9R	2.0L dCi	REN EDC 16 C3	C/D	•	I,E	
Primastar X83	2006 - 2013	M9R	2.0L dCi	REN EDC16CP33	C/D	•	I,E	
Primastar X83	2011 - 2013	M9R	2.0L dCi	EDC17-C11	C/D			
Primera P11	1999 - 1999	GA16	1.6L	-	C/D			
Primera P11	1999 - 1999	SR20DE	2.0L	-	C/D			
Primera P12	2000 - 2001	QGA18	1.8L	-	C/D	•		
Primera P12	2000 - 2001	SR20DE	2.0L	-	C/D	•		
Primera P12	2000 - 2009	QG16	1.6L	-	C/D	•		
Primera P12	2002 - 2009	QG18	1.8L	-	C/D	•		
Primera P12	2002 - 2009	QR20	2.0L	-	C/D	•		
Qashqai J10	2006 - 2006	M9R	2.0L dCi	REN DCM 1.2	C/D			
Qashqai J10	2006 - 2006	M9R	2.0L dCi	REN EDC 16 C3	C/D			
Qashqai J10	2006 - 2006	M9R	2.0L dCi	REN EDC16CP33	C/D			
Qashqai J10	2006 - 2006	M9R	2.0L dCi	REN SID 301	C/D			
Qashqai J10	2006 - 2006	M9R	2.0L dCi	Renault DDCR Injection	C/D			
Qashqai J10	2006 - 2013	HR16	1.6L	-	C/D	•		
Qashqai J10	2006 - 2013	K9K	1.5L dCi	REN SID 301	C/D	•		
Qashqai J10	2006 - 2013	K9K	1.5L dCi	REN SID 301 DPF	C/D	•		
Qashqai J10	2006 - 2013	MR20	2.0L	-	C/D	•		
Qashqai J10	2007 - 2013	M9R	2.0L dCi	REN EDC AS 4.1	C/D	•	E	
Qashqai J10	2010 - 2013	K9K	1.5L dCi	DDCR	C/D	•		
Qashqai+2 J10	2010 - 2013	HR16	1.6L	-	C/D	•		
Qashqai+2 J10	2010 - 2013	K9K	1.5L dCi	DDCR	C/D	•		
Qashqai+2 J10	2010 - 2013	K9K	1.5L dCi	REN SID 301	C/D	•		
Qashqai+2 J10	2010 - 2013	K9K	1.5L dCi	REN SID 301 DPF	C/D	•		
Qashqai+2 J10	2010 - 2013	M9R	2.0L dCi	REN EDC AS 4.1	C/D	•	E	
Qashqai+2 J10	2010 - 2013	MR20	2.0L	-	C/D	•		
Serena C23	1999 - 2001	GA16DE	1.6L	-	C/D	•		
Serena C23	1999 - 2001	SR20DE	2.0L	-	C/D	•		
Serena C23	2001 - 2001	QG16	1.6L	-	C/D	•		
Serena C23	2001 - 2001	SR20	2.0L	-	C/D	•		
Skyline R34	1999 - 2001		2.6L	-	C/D			
Terrano R20	1999 - 2000	KA24E	2.4L	-	C/D			
Terrano R20	2000 - 2007	TD27	2.7L	-	C/D			
Tiida C11	2007 - 2013	HR16	1.6L	-	C/D	•		
Tiida C11	2007 - 2013	K9K	1.5L dCi	REN SID 301	C/D	•	•,E	
X-Trail T30	2000 - 2008	QR20	2.0L	-	C/D	•		
X-Trail T30	2000 - 2008	QR25	2.5L	-	C/D	•		
X-Trail T31	2008 - 2013	M9R	2.0L dCi	REN EDC AS 4.1	C/D	•	E,P	
X-Trail T31	2010 - 2013	M9R	2.0L dCi	3UP3D	C/D			

## Airbag

NISSAN					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
200Sx S14	1999 - 1999	-	C		
200Sx S14A	2000 - 2001	-	C		
350Z Z33	2002 - 2009	-	C		
370Z Z34	2010 - 2013	1EM8A	C		
Almera N15	1999 - 2000	-	C		
Almera N16	2000 - 2008	-	C		
Almera Tino V10	1999 - 2008	-	C		
Cube Z12	2010 - 2013	FE15	C		
Juke F15	2010 - 2013	AF23	C		
Juke F15	2012 - 2013	-	C		
Leaf ZE0	2011 - 2013	AF35	C		
Maxima Qx A33	1999 - 2005	-	C		
Maxima Se A32	1999 - 2000	-	C		
Micra K11	1999 - 2002	-	C		
Micra K12	2003 - 2011	-	C		
Micra K13	2010 - 2013	-	C		
Murano Z50	2004 - 2008	-	C		
Murano Z51	2009 - 2013	-	C		
Navara D22	2001 - 2005	-	C		
Navara D40	2005 - 2013	-	C		
Navara D40	2011 - 2013	AF23	C		
Note E11	2005 - 2013	-	C		
Note E11	2013 - 2013	AF23	C		
Note E12	2013 - 2013	AF23	C		
NV 200 M20	2010 - 2013	-	C		
NV 400 X62	2011 - 2013	-	C/D		
Pathfinder R51	2005 - 2013	-	C		
Pathfinder R51	2012 - 2013	AF23	C		
Patrol Y61	2001 - 2007	-	C		
Pixo UA0	2009 - 2013	-	C/D		
Primera P11	1999 - 1999	-	C		
Primera P12	2000 - 2009	-	C		
Qashqai J10	2006 - 2013	-	C		
Qashqai+2 J10	2010 - 2013	-	C		
Serena C23	1999 - 2001	-	C		
Skyline R34	1999 - 2001	-	C		
Terrano R20	1999 - 2007	-	C		
Tiida C11	2007 - 2013	-	C		
X-Trail T30	2000 - 2008	-	C		

## Antilock Brakes

NISSAN					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
200Sx S14	1999 - 1999	-	C/D		
200Sx S14A	2000 - 2001	-	C/D		
350Z Z33	2002 - 2009	-	C/D	•	
370Z Z34	2010 - 2013	-	C/D	•	
Almera N15	1999 - 2000	-	C/D		
Almera N16	2000 - 2008	-	C/D	•	
Almera Tino V10	1999 - 2002	-	C/D		
Almera Tino V10	1999 - 2008	-	C/D	•	
Cube Z12	2010 - 2013	-	C/D	•	
Juke F15	2010 - 2013	-	C/D	•	
Leaf ZE0	2011 - 2013	-	C/D		
Maxima Qx A33	1999 - 2005	-	C/D		
Maxima Se A32	1999 - 2000	-	C/D		
Micra K11	1999 - 2002	-	C/D		
Micra K13	2010 - 2013	-	C/D	•	
Murano Z50	2004 - 2008	-	C/D	•	
Murano Z51	2009 - 2013	-	C/D	•	
Navara D22	2001 - 2005	-	C/D		
Navara D40	2005 - 2013	-	C/D	•	
Note E11	2005 - 2013	-	C/D		
Note E11	2005 - 2013	-	C/D		R
Note E11	2005 - 2013	-	C/D		
Note E11	2012 - 2013	-	C/D	•	
Note E12	2013 - 2013	-	C/D	•	
Note E12	2013 - 2013	-	C/D	•	
Note E12	2013 - 2013	-	C/D	•	
Note E12	2013 - 2013	-	C/D	•	
NV 200 M20	2010 - 2013	-	C/D	•	
NV 400 X62	2011 - 2013	-	C/D		
Pathfinder R51	2005 - 2013	-	C/D	•	
Patrol Y61	2001 - 2007	-	C/D		
Pixo UA0	2009 - 2013	-	C/D	•	
Primera P11	1999 - 1999	-	C/D		
Primera P12	2000 - 2001	-	C/D		
Primera P12	2000 - 2009	-	C/D	•	
Qashqai J10	2006 - 2013	-	C/D	•	
Qashqai+2 J10	2010 - 2013	-	C/D	•	
Serena C23	1999 - 2001	-	C/D	•	
Serena C23	2001 - 2001	-	C/D		
Skyline R34	1999 - 2001	-	C/D		
Terrano R20	1999 - 2007	-	C/D		
Tiida C11	2007 - 2013	-	C/D	•	
X-Trail T30	2004 - 2008	-	C/D	•	
X-Trail T31	2008 - 2013	-	C/D	•	

## Auto Transmission

NISSAN					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
200Sx S14	1999 - 1999	-	C/D		
200Sx S14A	2000 - 2001	-	C/D		
Almera N15	1999 - 2000	-	C/D		
Almera N16	2000 - 2008	-	C/D		
Almera Tino V10	2003 - 2008	-	C/D		
Juke F15	2012 - 2013	-	C/D		
Maxima Qx A33	1999 - 2005	-	C/D		
Maxima Se A32	1999 - 2000	-	C/D		
Micra K11	1999 - 2000	-	C/D		
Micra K12	2003 - 2011	-	C/D		
Micra K13	2011 - 2013	1HDOA	C/D		
Murano Z51	2009 - 2013	-	C/D		
Navara D40	2005 - 2009	-	C/D		
Note E11	2005 - 2013	-	C/D		
Note E12	2013 - 2013	-	C/D		
Pathfinder R51	2005 - 2013	-	C/D		
Pixo UA0	2009 - 2013	-	C/D	•	
Primera P11	1999 - 1999	-	C/D		
Primera P12	2000 - 2009	-	C/D		
Tiida C11	2007 - 2013	-	C/D		
X-Trail T30	2000 - 2008	-	C/D		

## Other

NISSAN						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Pathfinder R51	2005 - 2013	-	C/D			All Mode AWD/4WD
Primastar X83	2003 - 2013	REN Traffic II UCH	C/D	•		Body Systems
Primastar X83	2003 - 2013	REN Traffic II UCH Codes only	C/D			Body Systems
Kubistar X76	2003 - 2011	REN Kangoo UCH	C/D	•		Body Systems
Kubistar X76	2008 - 2008	REN Traffic II UCH	C/D	•		Body Systems
Kubistar X76	2008 - 2008	REN Traffic II UCH Codes only	C/D			Body Systems
370Z Z34	2010 - 2013	-				Code Scan
Cube Z12	2010 - 2013	-				Code Scan
Interstar X70	2003 - 2012	-				Code Scan
Juke F15	2010 - 2013	-				Code Scan
Kubistar X76	2003 - 2011	-				Code Scan
Leaf ZE0	2011 - 2013	-				Code Scan
Micra K12	2003 - 2011	-				Code Scan
Micra K13	2010 - 2013	-				Code Scan
Murano Z51	2012 - 2013	-				Code Scan
Navara D40	2005 - 2013	-				Code Scan
Note E11	2005 - 2013	-				Code Scan
Note E12	2013 - 2013	-				Code Scan
NV 200 M20	2010 - 2013	-				Code Scan
NV 400 X62	2011 - 2013	-				Code Scan
Pathfinder R51	2005 - 2013	-				Code Scan
Pixo UA0	2009 - 2013	-				Code Scan

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Relearn, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Relearn, J: J-type Auto or Type Semi Auto, \* : Other (see table on page 26) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Other Continued

NISSAN						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Primastar X83	2003 - 2013	-				Code Scan
Qashqai J10	2006 - 2013	-				Code Scan
Qashqai+2 J10	2010 - 2013	-				Code Scan
Tiida C11	2007 - 2013	-				Code Scan
X-Trail T31	2008 - 2013	-				Code Scan
370Z Z34	2010 - 2013	-				Clear All Codes
Cube Z12	2010 - 2013	-				Clear All Codes
Interstar X70	2003 - 2012	-				Clear All Codes
Juke F15	2010 - 2013	-				Clear All Codes
Kubistar X76	2003 - 2011	-				Clear All Codes
Leaf ZEO	2011 - 2013	-				Clear All Codes
Micra K12	2003 - 2011	-				Clear All Codes
Micra K13	2010 - 2013	-				Clear All Codes
Murano Z51	2012 - 2013	-				Clear All Codes
Navara D40	2005 - 2013	-				Clear All Codes
Note E11	2005 - 2013	-				Clear All Codes
Note E12	2012 - 2013	-				Clear All Codes
NV 200 M20	2010 - 2013	-				Clear All Codes
NV 400 X62	2011 - 2013	-				Clear All Codes
Pathfinder R51	2005 - 2013	-				Clear All Codes
Pixo UAO	2009 - 2013	-				Clear All Codes
Primastar X83	2003 - 2013	-				Clear All Codes
Qashqai J10	2006 - 2013	-				Clear All Codes
Qashqai+2 J10	2010 - 2013	-				Clear All Codes
Tiida C11	2007 - 2013	-				Clear All Codes
X-Trail T31	2008 - 2013	-				Clear All Codes
Leaf ZEO	2011 - 2013	EPS	C/D			Electric Power Steering
Micra K12	2003 - 2011	EPS	C/D			Electric Power Steering
Micra K13	2010 - 2013	EPS	C/D			Electric Power Steering
Note E11	2005 - 2013	EPS	C/D			Electric Power Steering
Note E12	2013 - 2013	EPS	C/D			Electric Power Steering
Micra K13	2010 - 2013	-	C/D	•		Intelligent Power Distribution Module
Micra K12	2003 - 2011	-	C/D	•		Intelligent Power Distribution Module
Murano Z50	2004 - 2008	-	C/D	•		Intelligent Power Distribution Module
350Z Z33	2002 - 2009	-	C/D	•		Intelligent Power Distribution Module
370Z Z34	2010 - 2013	-	C/D	•		Intelligent Power Distribution Module
Juke F15	2010 - 2013	-	C/D	•		Intelligent Power Distribution Module
Cube Z12	2010 - 2013	-	C/D	•		Intelligent Power Distribution Module
Leaf ZEO	2011 - 2013	-	C/D	•		Intelligent Power Distribution Module
Qashqai J10	2006 - 2013	-	C/D	•		Intelligent Power Distribution Module
Nv200 M20	2010 - 2013	-	C/D	•		Intelligent Power Distribution Module
NV 400 X62	2011 - 2013	-	C/D	•		Intelligent Power Distribution Module
Micra K13	2010 - 2013	-	C/D	•		Intelligent Power Distribution Module

## Other Continued

NISSAN						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Murano Z51	2009 - 2013	-	C/D	•		Intelligent Power Distribution Module
Navara D40	2005 - 2013	-	C/D	•		Intelligent Power Distribution Module
Note E11	2005 - 2013	-	C/D	•		Intelligent Power Distribution Module
NV 200 M20	2013 - 2013	-	C/D	•		Intelligent Power Distribution Module
Note E12	2013 - 2013	-	C/D	•		Intelligent Power Distribution Module
Qashqai+2 J10	2010 - 2013	-	C/D	•		Intelligent Power Distribution Module
Tiida C11	2007 - 2013	-	C/D	•		Intelligent Power Distribution Module
Pathfinder R51	2005 - 2013	-	C/D	•		Intelligent Power Distribution Module
X-Trail T31	2008 - 2013	-	C/D	•		Intelligent Power Distribution Module
Almera Tino V10	2000 - 2008	-				Service Reset
Almera N16	2003 - 2004	-				Service Reset
Pathfinder R51	2005 - 2013	-				Service Reset
Cube Z12	2010 - 2013	-				Service Reset
Juke F15	2010 - 2013	-				Service Reset
Note E11	2005 - 2013	-				Service Reset
Note E12	2013-2013	-				Service Reset
Navara D40	2005 - 2013	-				Service Reset
NV 400 X62	2011 - 2013	-				Service Reset
Pathfinder R51	2005 - 2013	-				Service Reset
Primastar X83	2006 - 2013	-				Service Reset
Qashqai J10	2006 - 2013	-				Service Reset
Tiida C11	2007 - 2013	-				Service Reset
X-Trail T31	2008 - 2013	-				Service Reset
Note E12	2013 - 2013	ABS/ESP			S	Wheel Alignment
Note E12	2013 - 2013	Antilock Brakes			S	Wheel Alignment
Note E11	2005 - 2013	ABS/ESP			S	Wheel Alignment
Note E11	2005 - 2013	Antilock Brakes			S	Wheel Alignment
Micra K12	2003 - 2011	EPS			S	Wheel Alignment
Micra K12	2003 - 2011	EPS/SA			S	Wheel Alignment

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Key for Special Functions: Bb- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, Rk- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, Jk- Jumper or Jumper Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1, 4, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated.

# Engine Management Applications

OPEL / VAUX								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Adam	2013 - 2013	L2Z	1.4L Petrol	EMS	C/D	•	•	
Adam	2013 - 2013	LDD	1.4L Petrol	EMS	C/D	•	•	
Adam	2013 - 2013	LWD	1.2L Petrol	EMS	C/D	•	•	
Agila	2000 - 2004	Z10XE	1.0L SFI	ME 1.5.5	C/D	•	•,R	
Agila	2000 - 2007	Z12XE	1.2L SFI	ME 1.5.5	C/D	•	•,R	
Agila	2004 - 2007	Z10XEP	1.0L SFI	MOTRONIC 7.6.1	C/D	•	•,R	
Agila	2004 - 2007	Z12XEP	1.2L SFI	MOTRONIC 7.6.1	C/D	•	•,R	
Agila	2004 - 2007	Z13DT	1.3L T-Diesel	Multijet 6J0	C/D	•	I,P,R	
Agila-B	2008 - 2012	D13A/Z13DT	1.3L T-Diesel	Multijet 6J0	C/D	•	I,P,R	
Ampera	2012 - 2013	A14XFL	1.4L Petrol	GM-PT	C/D	•	•	
Antara	2007 - 2010	Z20DM	2.0L T-Diesel	EDC 16C39 - CAN	C/D	•	I	
Antara	2007 - 2010	Z20DMH	2.0L T-Diesel	EDC 16C39 - CAN	C/D	•	I	
Antara	2011 - 2013	LE5	2.4L Petrol	EMS	C/D	•	•	
Antara	2011 - 2013	LF1	3.0L Petrol	EMS	C/D	•	•	
Antara	2011 - 2013	LNQ	2.2L Diesel	EMS	C/D	•	•	
Antara	2012 - 2013	LE9	2.4L Petrol/Alcohol	EMS	C/D	•	•	
Antara	2012 - 2013	LFW	3.0L Petrol/Alcohol	EMS	C/D	•	•	
Antara	2012 - 2013	LNP	2.0L Diesel	EMS	C/D	•	•	
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN BOSCH DIESEL	C	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN BOSCH DIESEL (01)	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN BOSCH DIESEL (02)	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN BOSCH MSA15.5	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN BOSCH MSA5.5	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN DCM 1.2 KWP2000	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN DDCR 1	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN DDCR 2	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN Denso	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN DIESEL DEFAULT	C	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN EDC15 8	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN EDC15 C	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN EDC15 C (119)	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN EDC15 VM	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN EDC16(C1)	C	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN F9Q T-DIESEL	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN ISO DIESEL DEFAULT	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN LUCAS DCU3R	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN LUCAS DIESEL (01)	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN LUCAS DIESEL (02)	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN LUCAS DIESEL (03)	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN LUCAS DIESEL (04)	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN LUCAS DIESEL (05)	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN LUCAS DIESEL (06)	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN S3000	C	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN SAGEM DIESEL (01)	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN SAGEM DIESEL (02)	C/D	•		
Arena	1998 - 2000	F8Q 606	1.9L Diesel	REN SAGEM DIESEL (03)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN BOSCH DIESEL	C	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN BOSCH DIESEL (01)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN BOSCH DIESEL (02)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN BOSCH MSA15.5	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN BOSCH MSA5.5	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN DCM 1.2 KWP2000	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN DDCR 1	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN DDCR 2	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN Denso	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN DIESEL DEFAULT	C	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN EDC15 8	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN EDC15 C	C/D	•		

OPEL / VAUX								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN EDC15 C (119)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN EDC15 VM	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN EDC16(C1)	C	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN F9Q T-DIESEL	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN ISO DIESEL DEFAULT	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN LUCAS DCU3R	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN LUCAS DIESEL (01)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN LUCAS DIESEL (02)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN LUCAS DIESEL (03)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN LUCAS DIESEL (04)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN LUCAS DIESEL (05)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN LUCAS DIESEL (06)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN S3000	C	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN SAGEM DIESEL (01)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN SAGEM DIESEL (02)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN SAGEM DIESEL (03)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN BOSCH DIESEL	C	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN BOSCH DIESEL (01)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN BOSCH DIESEL (02)	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN BOSCH MSA15.5	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN BOSCH MSA5.5	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN DCM 1.2 KWP2000	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN DDCR 1	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN DDCR 2	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN Denso	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN DIESEL DEFAULT	C	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN EDC15 8	C/D	•		
Arena	1998 - 2000	S8U 782	2.5L Diesel	REN EDC15 C	C/D	•		
Astra-F	1992 - 1992	C14SE	1.4L MPI DIS	Multec M	C/D	•		
Astra-F	1992 - 1992	C14SE	1.4L MPI MHD	Multec M	C/D	•		
Astra-F	1992 - 1994	C18NZ	1.8L CPI	MULTEC IEFI	C/D	•		
Astra-F	1992 - 1996	C20NE	2.0L MPI	M 1.5.2	C/D	•		
Astra-F	1992 - 1996	C20XE	2.0L SFI	M 2.8	C/D	•		
Astra-F	1992 - 1996	C20XE	2.0L SFI	M2.5	C/D	•		
Astra-F	1992 - 1998	C14NZ	1.4L CPI	MULTEC IEFI	C/D	•		
Astra-F	1992 - 1999	C16SE	1.6L MPI	Multec M	C/D	•		
Astra-F	1993 - 1995	C18XE	1.8L SFI	Simtec 56	C/D	•		
Astra-F	1993 - 1996	C18XEL	1.8L SFI	Simtec 56	C/D	•		
Astra-F	1993 - 1996	X16SZ	1.6L CPI	Multec SZ	C/D	•		
Astra-F	1993 - 1998	14SE	1.4L MPI	Multec M	C/D	•		
Astra-F	1993 - 1998	C14SE	1.4L MPI	Multec M	C/D	•		
Astra-F	1995 - 1995	14SE From 1995	1.4L MPI	Multec M	C/D	•		

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, JA- Jumper or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



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 Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, Jk- Jumper or Type Sent Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

OPEL / VAUX								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Astra-F	1995 - 1995	14SE Up To 1995	1.4L MPI	Multec M	C/D	•		
Astra-F	1995 - 1995	C14NZ From 1995	1.4L CPI	MULTEC IEFI	C/D	•		
Astra-F	1995 - 1995	C14NZ Up To 1995	1.4L CPI	MULTEC IEFI	C/D	•		
Astra-F	1995 - 1995	C14SE From 1995	1.4L MPI	Multec M	C/D	•		
Astra-F	1995 - 1995	C14SE Up To 1995	1.4L MPI	Multec M	C/D	•		
Astra-F	1995 - 1995	C16SE From 1995	1.6L MPI	Multec M	C/D	•		
Astra-F	1995 - 1995	C16SE Up To 1995	1.6L MPI	Multec M	C/D	•		
Astra-F	1995 - 1995	X16SZ From 1995	1.6L CPI	Multec SZ	C/D	•		
Astra-F	1995 - 1995	X16SZ Up To 1995	1.6L CPI	Multec SZ	C/D	•		
Astra-F	1995 - 1996	X16XEL	1.6L SFI	MULTEC S	C/D	•		
Astra-F	1995 - 1996	X20XE	2.0L SFI	Simtec 56	C/D	•		
Astra-F	1995 - 1998	16LZ2	1.6L CPI	Multec M	C/D	•		
Astra-F	1995 - 1998	X20XE	2.0L SFI	Simtec 56.5	C/D	•		
Astra-F	1995 - 1999	18SE	1.8L SFI	M1.5.4	C/D	•		
Astra-F	1995 - 2002	X16XEL	1.6L SFI	Multec F	C/D	•		
Astra-F	1996 - 1998	C18SE	1.8L MPI	Simtec 56.5	C/D	•		
Astra-F	1996 - 1998	X18XE	1.8L SFI	Simtec 56.5	C/D	•		
Astra-F	1996 - 1999	X14XE	1.4L SFI	Multec F	C/D	•		
Astra-F	1996 - 2002	X14NZ	1.4L CPI	MULTEC IEFI	C/D	•		
Astra-F	1996 - 2002	X16SZR	1.6L CPI	Multec F	C/D	•		
Astra-F	1996 - 2002	X16SZR	1.6L CPI	Multec U	C/D	•		
Astra-G	1998 - 2000	X16XEL	1.6L SFI	Multec H	C/D	•		
Astra-G	1998 - 2000	X17DTL	1.7L T-Diesel	EDC 15M	C/D	•		
Astra-G	1998 - 2000	X20DTL	2.0L T-Diesel	EDC 15M	C/D	•		
Astra-G	1998 - 2000	X20XE	2.0L SFI	Simtec 70	C/D	•		
Astra-G	1998 - 2001	X12XE	1.2L SFI	MOTRONIC 1.5.5	C/D	•		
Astra-G	1998 - 2001	X14XE	1.4L SFI	Multec H	C/D	•		
Astra-G	1998 - 2001	X16SZR	1.6L CPI	Multec U	C/D	•		
Astra-G	1998 - 2001	X18XE1	1.8L SFI	Simtec 70	C/D	•		
Astra-G	1999 - 2009	C16SEL	1.6L MPI	MOTRONIC 1.5.5	C/D	•		
Astra-G	2000 - 2000	X20XER	2.0L SFI	Simtec 70	C/D	•		
Astra-G	2000 - 2000	Y17DIT	1.7L T-Diesel	EDC V5	C/D	•		
Astra-G	2000 - 2009	Y17DT	1.7L T-Diesel	HDRC	C/D	•		
Astra-G	2000 - 2009	Y20DTH	2.0L T-Diesel	EDC 15M	C/D	•		
Astra-G	2000 - 2009	Y20DTH	2.0L T-Diesel	PSG16	C/D	•		
Astra-G	2000 - 2009	Z12XE	1.2L SFI	ME 1.5.5	C/D	•	*R	
Astra-G	2000 - 2009	Z22SE	2.2L SFI	GMPT-E15	C/D	•		
Astra-G	2001 - 2002	Y20DTL	2.0L T-Diesel	EDC 15M	C/D	•		
Astra-G	2001 - 2009	Z14XE	1.4L SFI	MULTEC S(F)	C/D	•		
Astra-G	2001 - 2009	Z16SE	1.6L SFI	MULTEC S(F)	C/D	•		
Astra-G	2001 - 2009	Z16XE	1.6L SFI	MULTEC S(F)	C/D	•		
Astra-G	2001 - 2009	Z18XE	1.8L SFI	Simtec 71	C/D	•	*R	
Astra-G	2001 - 2009	Z18XEL	1.8L SFI	Simtec 71	C/D	•	*R	
Astra-G	2001 - 2009	Z20LET	2.0L SFI Turbo	ME 1.5.5	C/D	•		
Astra-G	2003 - 2009	Y22DTR	2.2L T-Diesel	EDC 15M	C/D	•		
Astra-G	2003 - 2009	Y22DTR	2.2L T-Diesel	PSG16	C/D	•		
Astra-G	2003 - 2009	Z16XEP	1.6L SFI	MULTEC S(F) II	C/D	•		
Astra-G	2003 - 2009	Z17DTL	1.7L T-Diesel	EDC 15C7	C/D	•		
Astra-G	2005 - 2009	Z14XEP	1.4L SFI	MOTRONIC 7.6.1	C/D	•		
Astra-H	2004 - 2013	Z17DTH	1.7L T-Diesel	EDC 16C9 - CAN	C/D	•	*R	
Astra-H	2004 - 2013	Z17DTL	1.7L T-Diesel	EDC 16C9 - CAN	C/D	•	*R	
Astra-H	2004 - 2013	Z18XE	1.8L SFI	Simtec 71.6 - CAN	C/D	•	•	
Astra-H	2005 - 2008	Z19DTJ	1.9L T-Diesel	EDC 16C9 - CAN	C/D	•	I,P,R	
Astra-H	2005 - 2013	Z19DT	1.9L T-Diesel	EDC 16C9 - CAN	C/D	•	I,P,R	
Astra-H	2005 - 2013	Z19DTH	1.9L T-Diesel	EDC 16C9 - CAN	C/D	•	I,P,R	
Astra-H	2006 - 2013	Z13DTH	1.3L T-Diesel	Multijet 6J02	C/D	•	I,P,R	
Astra-H	2006 - 2013	Z18XER	1.8L SFI	SIMTEC 75 - CAN	C/D	•	•	
Astra-H	2007 - 2013	Y13DTH	1.3L T-Diesel	Multijet 6J02	C/D	•	I,P,R	

OPEL / VAUX								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Astra-H	2007 - 2013	Z17DTJ	1.7L T-Diesel	DECOREE01	C/D	•	*I,P,R	
Astra-H	2007 - 2013	Z17DTR	1.7L T-Diesel	DECOREE01	C/D	•	*I,P,R	
Astra-H	2008 - 2013	A17DTJ	1.7L T-Diesel	DECOREE01	C/D	•	*I,P,R	
Astra-H	2008 - 2013	A17DTR	1.7L T-Diesel	DECOREE01	C/D	•	*I,P,R	
Astra-J	2010 - 2012	LPL	1.7L Diesel	EDC 17	C/D	•	*I,P,R	
Astra-J	2010 - 2012	LPV	1.7L Diesel	EDC 17	C/D	•	*I,P,R	
Astra-J	2010 - 2013	LBS	2.0L Diesel	EDC 17	C/D	•	*I,P	
Astra-J	2010 - 2013	LBV	2.0L Diesel	EDC 17	C/D	•	*I,P	
Astra-J	2010 - 2013	LDD	1.4L Petrol	GM-PT	C/D	•	*R	
Astra-J	2010 - 2013	LDE	1.6L Petrol	GM-PT	C/D	•	*R	
Astra-J	2010 - 2013	LLU	1.6L Petrol	M7.6.4	C/D	•	•	
Astra-J	2010 - 2013	LSF	1.3L Diesel	EDC 17	C/D	•	*I,P	
Astra-J	2010 - 2013	LUJ	1.4L Petrol	M7.6.4	C/D	•	•	
Astra-J	2012 - 2013	LBX	2.0L Diesel	EDC 17	C/D	•	•	
Astra-J	2012 - 2013	LHU	2.0L Petrol	MED 9.6.1	C/D	•	*R	
Astra-J	2012 - 2013	LKR	1.7L Diesel	EDC 17	C/D	•	•	
Astra-J	2012 - 2013	LUD	1.7L Diesel	EDC 17	C/D	•	•	
Astra-J	2012 - 2013	LUE	1.7L Diesel	EDC 17	C/D	•	•	
Astra-J	2013 - 2013	ZHO	1.8L Petrol	EMS	C/D	•	•	
Astra-J	2013 - 2013	LVP	1.6L Petrol	EMS	C/D	•	•	
Calibra	1992 - 1992	20XE	2.0L SFI	M 2.5	C/D	•	•	
Calibra	1992 - 1993	20NE	2.0L MPI	M1.5	C/D	•	•	
Calibra	1992 - 1994	C20XE	2.0L SFI	M2.5	C/D	•	•	
Calibra	1992 - 1996	C20LET	2.0L SFI Turbo	M 2.7	C/D	•	•	
Calibra	1992 - 1996	C20NE	2.0L MPI	M1.5	C/D	•	•	
Calibra	1992 - 1996	C20XE	2.0L SFI	M 2.8	C/D	•	•	
Calibra	1993 - 1996	C25XE	2.5L SFI	M 2.8	C/D	•	•	
Calibra	1994 - 1996	X20XE	2.0L SFI	Simtec 56	C/D	•	•	
Calibra	1994 - 1997	X20XE	2.0L SFI	Simtec 56.5	C/D	•	•	
Calibra	1997 - 1997	X25XE	2.5L SFI	M 2.8	C/D	•	•	
Cascada	2013 - 2013	LBS	2.0L Diesel	EMS	C/D	•	•	
Cascada	2013 - 2013	LBV	2.0L Diesel	EMS	C/D	•	•	
Cascada	2013 - 2013	LUJ	1.4L Petrol	EMS	C/D	•	•	
Cascada	2013 - 2013	LVP	1.6L Petrol	EMS	C/D	•	•	
Combo-B	1993 - 1994	C16SE	1.6L MPI	Multec M	C/D	•	•	
Combo-B	1993 - 1994	C16SEI	1.6L MPI	M1.5	C/D	•	•	
Combo-B	1993 - 1994	C16XE	1.6L SFI	MULTEC S	C/D	•	•	
Combo-B	1993 - 1995	E16SE	1.6L MPI	EST	C/D	•	•	
Combo-B	1993 - 1997	C12NZ	1.2L CPI	MULTEC IEFI	C/D	•	•	
Combo-B	1993 - 2000	12NZ	1.2L CPI	MULTEC IEFI	C/D	•	•	
Combo-B	1993 - 2000	C14NZ	1.4L CPI	MULTEC IEFI	C/D	•	•	
Combo-B	1993 - 2000	X12SZ	1.2L CPI	Multec SZ	C/D	•	•	
Combo-B	1993 - 2001	C14SE	1.4L MPI	Multec M	C/D	•	•	
Combo-B	1995 - 1995	12NZ From 1995	1.2L CPI	MULTEC IEFI	C/D	•	•	
Combo-B	1995 - 1995	12NZ Up To 1995	1.2L CPI	MULTEC IEFI	C/D	•	•	
Combo-B	1995 - 1995	C12NZ From 1995	1.2L CPI	MULTEC IEFI	C/D	•	•	
Combo-B	1995 - 1995	C12NZ Up To 1995	1.2L CPI	MULTEC IEFI	C/D	•	•	
Combo-B	1995 - 1995	C14NZ From 1995	1.4L CPI	MULTEC IEFI	C/D	•	•	
Combo-B	1995 - 1995	C14NZ Up To 1995	1.4L CPI	MULTEC IEFI	C/D	•	•	
Combo-B	1995 - 1995	C14SE From 1995	1.4L MPI	Multec M	C/D	•	•	
Combo-B	1995 - 1995	C14SE Up To 1995	1.4L MPI	Multec M	C/D	•	•	
Combo-B	1995 - 1995	X12SZ From 1995	1.2L CPI	Multec SZ	C/D	•	•	
Combo-B	1995 - 1995	X12SZ Up To 1995	1.2L CPI	Multec SZ	C/D	•	•	
Combo-B	1995 - 1996	X14XE	1.4L SFI	MULTEC S	C/D	•	•	
Combo-B	1995 - 1996	X16XE	1.6L SFI	MULTEC S	C/D	•	•	
Combo-B	1995 - 2000	X16XE	1.6L SFI	Multec F	C/D	•	•	

# Engine Management Applications

OPEL / VAUX							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Combo-B	1995 - 2001	X14XE	1.4L SFI	Multec F	C/D	•	
Combo-B	1996 - 2001	X14SZ	1.4L CPI	Multec F	C/D	•	
Combo-B	1997 - 2000	X10XE	1.0L SFI	MOTRONIC 1.5.5	C/D	•	
Combo-B	1998 - 2000	C14SEL	1.4L MPI	MOTRONIC 1.5.5	C/D	•	
Combo-B	1998 - 2000	C16SEL	1.6L MPI	MOTRONIC 1.5.5	C/D	•	
Combo-B	1998 - 2000	X12XE	1.2L SFI	MOTRONIC 1.5.5	C/D	•	
Combo-C	2000 - 2004	Z10XE	1.0L SFI	ME 1.5.5	C/D	•	*R
Combo-C	2000 - 2011	Y17DT	1.7L T-Diesel	HDC	C/D	•	
Combo-C	2000 - 2011	Z12XE	1.2L SFI	ME 1.5.5	C/D	•	*R
Combo-C	2000 - 2011	Z14XE	1.4L SFI	MULTEC S(F)	C/D	•	
Combo-C	2001 - 2011	Y17DTL	1.7L T-Diesel	HDC	C/D	•	
Combo-C	2001 - 2011	Z16SE	1.6L SFI	MULTEC S(F)	C/D	•	
Combo-C	2001 - 2011	Z18XE	1.8L SFI	Simtec 71	C/D	•	*R
Combo-C	2004 - 2011	Z10XEP	1.0L SFI	MOTRONIC 7.6.1	C/D	•	*R
Combo-C	2004 - 2011	Z12XEP	1.2L SFI	MOTRONIC 7.6.1	C/D	•	*R
Combo-C	2004 - 2011	Z13DT	1.3L T-Diesel	Multijet 6J0	C/D	•	I,P,R
Combo-C	2004 - 2011	Z13DTJ	1.3L T-Diesel	Multijet 6J0	C/D	•	I,P,R
Combo-C	2004 - 2011	Z14XEP	1.4L SFI	MOTRONIC 7.6.1	C/D	•	*R
Combo-C	2004 - 2011	Z17DTH	1.7L T-Diesel	11293	C/D	•	*I
Combo-C	2005 - 2011	Y13DT	1.3L T-Diesel	Multijet 6J0	C/D	•	I,P,R
Combo-D	2012 - 2013	LHZ	2.0 Diesel	EDC 16C39	C/D	•	•
Combo-D	2012 - 2013	LJ5	1.6 Diesel	EDC 16C39	C/D	•	•
Combo-D	2012 - 2013	LJA	1.4 Petrol	ME7.9.10	C/D	•	•
Combo-D	2012 - 2013	LN9	1.3 Diesel	Marelli_MJD8F2D1	C/D	•	•
Corsa/Nova/Barina	1992 - 1992	C14SE	1.4L MPI DIS	Multec M	C/D	•	
Corsa/Nova/Barina	1992 - 1992	C14SE	1.4L MPI MHD1	Multec M	C/D	•	
Corsa/Nova/Barina	1992 - 1993	C12NZ	1.2L CPI	MULTEC IEFI	C/D	•	
Corsa/Nova/Barina	1992 - 1993	C14NZ	1.4L CPI	MULTEC IEFI	C/D	•	
Corsa/Nova/Barina	1992 - 1993	C16SE	1.6L MPI	Multec M	C/D	•	
Corsa/Nova/Barina	1992 - 1993	C16SEI	1.6L MPI	M1.5	C/D	•	
Corsa/Nova/Barina	1992 - 1993	E16SE	1.6L MPI	EST	C/D	•	
Corsa/Nova/Barina	1993 - 1993	12NZ	1.2L CPI	MULTEC IEFI	C/D	•	
Corsa/Nova/Barina	1993 - 1993	C14SE	1.4L MPI	Multec M	C/D	•	
Corsa/Nova/Barina	1993 - 1993	C16XE	1.6L SFI	MULTEC S	C/D	•	
Corsa/Nova/Barina	1993 - 1993	X12SZ	1.2L CPI	Multec SZ	C/D	•	
Corsa-B	1993 - 1994	C16SE	1.6L MPI	Multec M	C/D	•	
Corsa-B	1993 - 1994	C16SEI	1.6L MPI	M1.5	C/D	•	
Corsa-B	1993 - 1994	C16XE	1.6L SFI	MULTEC S	C/D	•	
Corsa-B	1993 - 1995	E16SE	1.6L MPI	EST	C/D	•	
Corsa-B	1993 - 1997	C12NZ	1.2L CPI	MULTEC IEFI	C/D	•	
Corsa-B	1993 - 2000	12NZ	1.2L CPI	MULTEC IEFI	C/D	•	
Corsa-B	1993 - 2000	C14NZ	1.4L CPI	MULTEC IEFI	C/D	•	
Corsa-B	1993 - 2000	X12SZ	1.2L CPI	Multec SZ	C/D	•	
Corsa-B	1993 - 2001	C14SE	1.4L MPI	Multec M	C/D	•	
Corsa-B	1995 - 1995	12NZ From 1995	1.2L CPI	MULTEC IEFI	C/D	•	
Corsa-B	1995 - 1995	12NZ Up To 1995	1.2L CPI	MULTEC IEFI	C/D	•	
Corsa-B	1995 - 1995	C12NZ From 1995	1.2L CPI	MULTEC IEFI	C/D	•	
Corsa-B	1995 - 1995	C12NZ Up To 1995	1.2L CPI	MULTEC IEFI	C/D	•	
Corsa-B	1995 - 1995	C14NZ From 1995	1.4L CPI	MULTEC IEFI	C/D	•	
Corsa-B	1995 - 1995	C14NZ Up To 1995	1.4L CPI	MULTEC IEFI	C/D	•	
Corsa-B	1995 - 1995	C14SE From 1995	1.4L MPI	Multec M	C/D	•	
Corsa-B	1995 - 1995	C14SE Up To 1995	1.4L MPI	Multec M	C/D	•	
Corsa-B	1995 - 1995	X12SZ From 1995	1.2L CPI	Multec SZ	C/D	•	
Corsa-B	1995 - 1995	X12SZ Up To 1995	1.2L CPI	Multec SZ	C/D	•	
Corsa-B	1995 - 1996	X14XE	1.4L SFI	MULTEC S	C/D	•	
Corsa-B	1995 - 1996	X16XE	1.6L SFI	MULTEC S	C/D	•	
Corsa-B	1995 - 2000	X16XE	1.6L SFI	Multec F	C/D	•	
Corsa-B	1995 - 2001	X14XE	1.4L SFI	Multec F	C/D	•	

OPEL / VAUX							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Corsa-B	1996 - 2001	X14SZ	1.4L CPI	Multec F	C/D	•	
Corsa-B	1997 - 2000	X10XE	1.0L SFI	MOTRONIC 1.5.5	C/D	•	
Corsa-B	1998 - 2000	C14SEL	1.4L MPI	MOTRONIC 1.5.5	C/D	•	
Corsa-B	1998 - 2000	C16SEL	1.6L MPI	MOTRONIC 1.5.5	C/D	•	
Corsa-B	1998 - 2000	X12XE	1.2L SFI	MOTRONIC 1.5.5	C/D	•	
Corsa-C	2000 - 2004	Z10XE	1.0L SFI	ME 1.5.5	C/D	•	*R
Corsa-C	2000 - 2011	Y17DT	1.7L T-Diesel	HDC	C/D	•	
Corsa-C	2000 - 2011	Z12XE	1.2L SFI	ME 1.5.5	C/D	•	*R
Corsa-C	2000 - 2011	Z14XE	1.4L SFI	MULTEC S(F)	C/D	•	
Corsa-C	2001 - 2011	Y17DTL	1.7L T-Diesel	HDC	C/D	•	
Corsa-C	2001 - 2011	Z16SE	1.6L SFI	MULTEC S(F)	C/D	•	
Corsa-C	2001 - 2011	Z18XE	1.8L SFI	Simtec 71	C/D	•	*R
Corsa-C	2004 - 2011	Z10XEP	1.0L SFI	MOTRONIC 7.6.1	C/D	•	*R
Corsa-C	2004 - 2011	Z12XEP	1.2L SFI	MOTRONIC 7.6.1	C/D	•	*R
Corsa-C	2004 - 2011	Z13DT	1.3L T-Diesel	Multijet 6J0	C/D	•	I,P,R
Corsa-C	2004 - 2011	Z13DTJ	1.3L T-Diesel	Multijet 6J0	C/D	•	I,P,R
Corsa-C	2004 - 2011	Z14XEP	1.4L SFI	MOTRONIC 7.6.1	C/D	•	*R
Corsa-C	2004 - 2011	Z17DTH	1.7L T-Diesel	11293	C/D	•	*I
Corsa-C	2005 - 2011	Y13DT	1.3L T-Diesel	Multijet 6J0	C/D	•	I,P,R
Corsa-D	2006 - 2013	Z13DTH	1.3L T-Diesel	Multijet 6J03	C/D	•	I,P,R
Corsa-D	2006 - 2013	Z13DTJ	1.3L T-Diesel	Multijet 6J03	C/D	•	I,P,R
Corsa-D	2007 - 2013	Z17DTR	1.7L T-Diesel	DECOREE01	C/D	•	*I,P,R
Corsa-D	2010 - 2013	A10XEP	1.0L SFI	GMPT	C/D	•	•
Corsa-D	2010 - 2013	A12XEL	1.2L SFI	GMPT	C/D	•	*R
Corsa-D	2010 - 2013	A12XER	1.2L SFI	GMPT	C/D	•	*R
Corsa-D	2010 - 2013	A14XEL	1.4L SFI	GMPT	C/D	•	*R
Corsa-D	2010 - 2013	A14XER	1.4L SFI	GMPT	C/D	•	•
Corsa-D	2010 - 2013	A17DTS	1.7L T-Diesel	GMPTD1C	C/D	•	
Corsa-D	2011 - 2013	A13DTC	1.3L T-Diesel	EDC17C	C/D	•	I,P,R
Corsa-D	2011 - 2013	A13DTE	1.3L T-Diesel	EDC17C	C/D	•	I,P,R
Corsa-D	2011 - 2013	A13DTR	1.3L T-Diesel	EDC17C	C/D	•	I,P,R
Corsa-D	2011 - 2013	Z13DTE	1.3L T-Diesel	EDC17C	C/D	•	I,P,R
Frontera	1992 - 1995	C20NE	2.0L MPI	M1.5	C/D	•	
Frontera	1992 - 1995	C24NE	2.4L MPI	M1.5	C/D	•	
Frontera	1995 - 1998	X20SE	2.0L SFI	M1.5.4	C/D	•	
Frontera	1995 - 1998	X22XE	2.2L SFI	M1.5.4	C/D	•	
Frontera	1997 - 1998	Z5TDS	2.5L T-Diesel	MSA15.5	C/D	•	
Frontera-B	1998 - 2000	X22DTH	2.2L T-Diesel	EDC 15M	C/D	•	
Frontera-B	2002 - 2003	Y22DTH	2.2L T-Diesel	PSG16	C/D	•	
Insignia	2009 - 2013	ZHO	1.8L Petrol	GM-PT	C/D	•	*R
Insignia	2009 - 2013	LAU	2.8L Petrol	ME 9.6.1	C/D	•	*R
Insignia	2009 - 2013	LBQ	2.0L Diesel	EDC 17	C/D	•	*I,P
Insignia	2009 - 2013	LBR	2.0L Diesel	EDC 17	C/D	•	*I,P
Insignia	2009 - 2013	LBS	2.0L Diesel	EDC 17	C/D	•	*E,I,P,R
Insignia	2009 - 2013	LBW	2.8L Petrol	ME 9.6.1	C/D	•	*R
Insignia	2009 - 2013	LBY	2.0L Diesel	EDC 17	C/D	•	*I,P
Insignia	2009 - 2013	LDE	1.6L Petrol	GM-PT	C/D	•	*R
Insignia	2009 - 2013	LDK	2.0L Petrol	MED 9.6.1	C/D	•	*R
Insignia	2009 - 2013	LHU	2.0L Petrol	MED 9.6.1	C/D	•	*R
Insignia	2009 - 2013	LLU	1.6L Petrol	M7.6.4	C/D	•	*R
Insignia	2012 - 2013	LUJ	1.4L Petrol	M7.6.4	C/D	•	•
Kadett/Astra/Belmont	1992 - 1992	16SV	1.6L 2BL	EST	C/D	•	
Kadett/Astra/Belmont	1992 - 1992	Z0NE	2.0L MPI	M1.5	C/D	•	
Kadett/Astra/Belmont	1992 - 1992	Z0NE	2.0L MPI	M4.1	C/D	•	
Kadett/Astra/Belmont	1992 - 1992	Z0SEH	2.0L MPI	M1.5	C/D	•	
Kadett/Astra/Belmont	1992 - 1992	Z0SEH	2.0L MPI	M4.1	C/D	•	
Kadett/Astra/Belmont	1992 - 1992	Z0SER	2.0L MPI	M1.5	C/D	•	

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- EGR, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Relearn, JA- Jumper or Type Sent Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

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 Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, H: Hydraulic or Type Sent Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

OPEL / VAUX								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Kadett/Astra/Belmont	1992 - 1992	20SER	2.0L MPI	M4.1	C/D	•		
Kadett/Astra/Belmont	1992 - 1992	C14NZ	1.4L CPI	MULTEC IEFI	C/D	•		
Kadett/Astra/Belmont	1992 - 1992	C18NZ	1.8L CPI	MULTEC IEFI	C/D	•		
Kadett/Astra/Belmont	1992 - 1992	C20NE	2.0L MPI	M1.5	C/D	•		
Kadett/Astra/Belmont	1992 - 1992	C20NE	2.0L MPI	M4.1	C/D	•		
Kadett/Astra/Belmont	1992 - 1992	C20XE	2.0L SFI	M2.5	C/D	•		
Meriva	2003 - 2010	Y17DT	1.7L T-Diesel	HDRC	C/D	•		
Meriva	2003 - 2010	Z16SE	1.6L SFI 8V	MULTEC S(F)	C/D	•		
Meriva	2003 - 2010	Z16XE	1.6L SFI 16V	MULTEC S(F)	C/D	•		
Meriva	2003 - 2010	Z18XE	1.8L SFI	Simtec 71	C/D	•		
Meriva	2004 - 2010	Z14XEP	1.4L SFI	MOTRONIC 7.6.1	C/D	•	*,R	
Meriva	2004 - 2010	Z17DTH	1.7L T-Diesel	11293	C/D	•	*,I	
Meriva	2005 - 2010	Y13DT	1.3L T-Diesel	Multijet 6J0	C/D	•	I,P,R	
Meriva	2006 - 2010	Z13DTJ	1.3L T-Diesel	Multijet 6J0	C/D	•	I,P,R	
Meriva	2006 - 2010	Z16XEP	1.6L SFI	MULTEC S(F) II	C/D	•		
Meriva	2009 - 2010	Z17DT	1.7L T-Diesel	11293	C/D	•	*,I	
Meriva	2009 - 2010	Z17DTR	1.7L T-Diesel	11293	C/D	•	*,I	
Meriva-B	2010 - 2013	A13DTC	1.3L T-Diesel	EDC 17	C/D	•	*,I,P	
Meriva-B	2010 - 2013	A13DTE	1.3L T-Diesel	EDC 17	C/D	•	*,I,P	
Meriva-B	2010 - 2013	A14NEL	1.4L SFI	GMPT	C/D	•	*,R	
Meriva-B	2010 - 2013	A14NET	1.4L SFI	GMPT	C/D	•	*,R	
Meriva-B	2010 - 2013	A14XER	1.4L SFI	GMPT	C/D	•		
Meriva-B	2010 - 2013	A17DT	1.7L T-Diesel	DECE2C	C/D	•	*,I,P,R	
Meriva-B	2010 - 2013	A17DTC	1.7L T-Diesel	GMPTD1C	C/D	•		
Meriva-B	2010 - 2013	A17DTS	1.7L T-Diesel	GMPTD1C	C/D	•		
Meriva-B	2012 - 2013	A17DTI	1.7L T-Diesel	DECE2C	C/D	•	*,I,P,R	
Meriva-B	2013 - 2013	B14NEL	1.4L SFI	GMPT	C/D	•	*,R	
Meriva-B	2013 - 2013	B14NET	1.4L SFI	GMPT	C/D	•	*,R	
Mokka	2013 - 2013	ZHO	1.8L Petrol	EMS	C/D	•		
Mokka	2013 - 2013	LDE	1.6L Petrol	EMS	C/D	•		
Mokka	2013 - 2013	LUD	1.7L Diesel	EMS	C/D	•		
Mokka	2013 - 2013	LUJ	1.4L Petrol	EMS	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN BOSCH DIESEL	C			
Movano	1998 - 2001	S8U	2.5L Diesel	REN BOSCH DIESEL (01)	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN BOSCH DIESEL (02)	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN BOSCH MSA15.5	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN BOSCH MSA5.5	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN DCM 1.2 KWP2000	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN DDCR 1	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN DDCR 2	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN Denso	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN DIESEL DEFAULT	C			
Movano	1998 - 2001	S8U	2.5L Diesel	REN EDC15 8	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN EDC15 C	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN EDC15 C (119)	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN EDC15 VM	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN EDC16(C1)	C			
Movano	1998 - 2001	S8U	2.5L Diesel	REN F9Q T-DIESEL	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN ISO DIESEL DEFAULT	C			
Movano	1998 - 2001	S8U	2.5L Diesel	REN LUCAS DCU3R	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN LUCAS DIESEL (01)	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN LUCAS DIESEL (02)	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN LUCAS DIESEL (03)	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN LUCAS DIESEL (04)	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN LUCAS DIESEL (05)	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN LUCAS DIESEL (06)	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN S3000	C			

OPEL / VAUX								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Movano	1998 - 2001	S8U	2.5L Diesel	REN SAGEM DIESEL (01)	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN SAGEM DIESEL (02)	C/D	•		
Movano	1998 - 2001	S8U	2.5L Diesel	REN SAGEM DIESEL (03)	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN BOSCH DIESEL	C			
Movano	1998 - 2001	S9W	2.8L Diesel	REN BOSCH DIESEL (01)	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN BOSCH DIESEL (02)	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN BOSCH MSA15.5	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN BOSCH MSA5.5	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN DCM 1.2 KWP2000	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN DDCR 1	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN DDCR 2	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN Denso	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN DIESEL DEFAULT	C			
Movano	1998 - 2001	S9W	2.8L Diesel	REN EDC15 8	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN EDC15 C	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN EDC15 C (119)	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN EDC15 VM	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN EDC16(C1)	C			
Movano	1998 - 2001	S9W	2.8L Diesel	REN F9Q T-DIESEL	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN ISO DIESEL DEFAULT	C			
Movano	1998 - 2001	S9W	2.8L Diesel	REN LUCAS DCU3R	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN LUCAS DIESEL (01)	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN LUCAS DIESEL (02)	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN LUCAS DIESEL (03)	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN LUCAS DIESEL (04)	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN LUCAS DIESEL (05)	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN LUCAS DIESEL (06)	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN S3000	C			
Movano	1998 - 2001	S9W	2.8L Diesel	REN SAGEM DIESEL (01)	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN SAGEM DIESEL (02)	C/D	•		
Movano	1998 - 2001	S9W	2.8L Diesel	REN SAGEM DIESEL (03)	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN BOSCH DIESEL	C			
Movano	2000 - 2006	F9Q	1.9L Diesel	REN BOSCH DIESEL (01)	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN BOSCH DIESEL (02)	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN BOSCH MSA15.5	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN BOSCH MSA5.5	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN DCM 1.2 KWP2000	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN DDCR 1	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN DDCR 2	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN Denso	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN DIESEL DEFAULT	C			
Movano	2000 - 2006	F9Q	1.9L Diesel	REN EDC15 8	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN EDC15 C	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN EDC15 C (119)	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN EDC15 VM	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN EDC16(C1)	C			
Movano	2000 - 2006	F9Q	1.9L Diesel	REN F9Q T-DIESEL	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN ISO DIESEL DEFAULT	C			
Movano	2000 - 2006	F9Q	1.9L Diesel	REN LUCAS DCU3R	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN LUCAS DIESEL (01)	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN LUCAS DIESEL (02)	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN LUCAS DIESEL (03)	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN LUCAS DIESEL (04)	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN LUCAS DIESEL (05)	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN LUCAS DIESEL (06)	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN S3000	C			
Movano	2000 - 2006	F9Q	1.9L Diesel	REN SAGEM DIESEL (01)	C/D	•		
Movano	2000 - 2006	F9Q	1.9L Diesel	REN SAGEM DIESEL (02)	C/D	•		

# Engine Management Applications

OPEL / VAUX		Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Model	Years						
Movano	2000 - 2006	F9Q	1.9L Diesel	REN SAGEM DIESEL (03)	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN BOSCH DIESEL	C		
Movano	2000 - 2006	G9T	2.2L Diesel	REN BOSCH DIESEL (01)	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN BOSCH DIESEL (02)	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN BOSCH MSA15.5	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN BOSCH MSA5.5	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN DCM 1.2 KWP2000	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN DDCR 1	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN DDCR 2	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN Denso	C/D		
Movano	2000 - 2006	G9T	2.2L Diesel	REN DIESEL DEFAULT	C		
Movano	2000 - 2006	G9T	2.2L Diesel	REN EDC15 8	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN EDC15 C	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN EDC15 C (119)	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN EDC15 VM	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN EDC16(C1)	C		
Movano	2000 - 2006	G9T	2.2L Diesel	REN F9Q T-DIESEL	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN ISO DIESEL DEFAULT			
Movano	2000 - 2006	G9T	2.2L Diesel	REN LUCAS DCU3R	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN LUCAS DIESEL (01)	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN LUCAS DIESEL (02)	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN LUCAS DIESEL (03)	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN LUCAS DIESEL (04)	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN LUCAS DIESEL (05)	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN LUCAS DIESEL (06)	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN S3000	C		
Movano	2000 - 2006	G9T	2.2L Diesel	REN SAGEM DIESEL (01)	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN SAGEM DIESEL (02)	C/D	•	
Movano	2000 - 2006	G9T	2.2L Diesel	REN SAGEM DIESEL (03)	C/D	•	
Movano	2002 - 2005	G9U	2.5L Diesel	REN BOSCH DIESEL (01)	C/D	•	
Movano	2002 - 2005	G9U	2.5L Diesel	REN BOSCH DIESEL (02)	C/D	•	
Movano	2002 - 2005	G9U	2.5L Diesel	REN ISO DIESEL DEFAULT			
Movano	2002 - 2005	G9U	2.5L Diesel	REN LUCAS DIESEL (01)	C/D	•	
Movano	2002 - 2005	G9U	2.5L Diesel	REN LUCAS DIESEL (02)	C/D	•	
Movano	2002 - 2005	G9U	2.5L Diesel	REN LUCAS DIESEL (03)	C/D	•	
Movano	2002 - 2005	G9U	2.5L Diesel	REN LUCAS DIESEL (04)	C/D	•	
Movano	2002 - 2005	G9U	2.5L Diesel	REN LUCAS DIESEL (05)	C/D	•	
Movano	2002 - 2005	G9U	2.5L Diesel	REN LUCAS DIESEL (06)	C/D	•	
Movano	2002 - 2005	G9U	2.5L Diesel	REN SAGEM DIESEL (01)	C/D	•	
Movano	2002 - 2005	G9U	2.5L Diesel	REN SAGEM DIESEL (02)	C/D	•	
Movano	2002 - 2005	G9U	2.5L Diesel	REN SAGEM DIESEL (03)	C/D	•	
Movano	2002 - 2010	G9U	2.5L Diesel	REN BOSCH DIESEL	C		
Movano	2002 - 2010	G9U	2.5L Diesel	REN BOSCH MSA15.5	C/D	•	
Movano	2002 - 2010	G9U	2.5L Diesel	REN BOSCH MSA5.5	C/D	•	
Movano	2002 - 2010	G9U	2.5L Diesel	REN DCM 1.2 KWP2000	C/D	•	
Movano	2002 - 2010	G9U	2.5L Diesel	REN DDCR 1	C/D	•	
Movano	2002 - 2010	G9U	2.5L Diesel	REN DDCR 2	C/D	•	
Movano	2002 - 2010	G9U	2.5L Diesel	REN Denso	C/D	•	
Movano	2002 - 2010	G9U	2.5L Diesel	REN DIESEL DEFAULT	C		
Movano	2002 - 2010	G9U	2.5L Diesel	REN EDC15 8	C/D	•	
Movano	2002 - 2010	G9U	2.5L Diesel	REN EDC15 C	C/D	•	
Movano	2002 - 2010	G9U	2.5L Diesel	REN EDC15 C (119)	C/D	•	
Movano	2002 - 2010	G9U	2.5L Diesel	REN EDC15 VM	C/D	•	
Movano	2002 - 2010	G9U	2.5L Diesel	REN EDC16(C1)	C		
Movano	2002 - 2010	G9U	2.5L Diesel	REN F9Q T-DIESEL	C/D	•	
Movano	2002 - 2010	G9U	2.5L Diesel	REN LUCAS DCU3R	C/D	•	
Movano	2002 - 2010	G9U	2.5L Diesel	REN S3000	C		
Movano	2004 - 2006	ZD3	3.0L Diesel	REN BOSCH DIESEL	C		

OPEL / VAUX		Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Model	Years						
Movano	2004 - 2006	ZD3	3.0L Diesel	REN BOSCH DIESEL (01)	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN BOSCH DIESEL (02)	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN BOSCH MSA15.5	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN BOSCH MSA5.5	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN DCM 1.2 KWP2000	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN DDCR 1	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN DDCR 2	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN Denso	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN DIESEL DEFAULT	C		
Movano	2004 - 2006	ZD3	3.0L Diesel	REN EDC15 8	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN EDC15 C	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN EDC15 C (119)	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN EDC15 VM	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN EDC16(C1)	C		
Movano	2004 - 2006	ZD3	3.0L Diesel	REN F9Q T-DIESEL	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN ISO DIESEL DEFAULT			
Movano	2004 - 2006	ZD3	3.0L Diesel	REN LUCAS DCU3R	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN LUCAS DIESEL (01)	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN LUCAS DIESEL (02)	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN LUCAS DIESEL (03)	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN LUCAS DIESEL (04)	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN LUCAS DIESEL (05)	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN LUCAS DIESEL (06)	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN S3000	C		
Movano	2004 - 2006	ZD3	3.0L Diesel	REN SAGEM DIESEL (01)	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN SAGEM DIESEL (02)	C/D	•	
Movano	2004 - 2006	ZD3	3.0L Diesel	REN SAGEM DIESEL (03)	C/D	•	
Movano	2006 - 2010	G9U	2.5L Diesel	REN EDC16 C36	C/D	•	•,I
Movano	2006 - 2010	G9U	2.5L Diesel	REN EDC16CP33	C/D	•	•,I
Movano-B	2010 - 2013	M9T	2.3L Turbo Diesel	EDC 17-C42	C/D	•	
Movano-B	2010 - 2013	M9T	2.3L Turbo Diesel	EDC17-C11	C/D	•	
Omega/Carlton	1992 - 1992	20SE	2.0L MPI	M4.1	C/D	•	
Omega/Carlton	1992 - 1992	C20NEF	2.0L MPI	M1.5	C/D	•	
Omega/Carlton	1992 - 1992	C20NEF	2.0L MPI	M4.1	C/D	•	
Omega/Carlton	1992 - 1992	C20NEJ	2.0L MPI	M4.1	C/D	•	
Omega/Carlton	1992 - 1994	20SE	2.0L MPI	M1.5	C/D	•	
Omega/Carlton	1992 - 1994	C20NE	2.0L MPI	M1.5	C/D	•	
Omega/Carlton	1992 - 1994	C20NE	2.0L MPI	M4.1	C/D	•	
Omega/Carlton	1992 - 1994	C20NEJ	2.0L MPI	M1.5	C/D	•	
Omega/Carlton	1992 - 1994	C24NE	2.4L MPI	M1.5	C/D	•	
Omega/Carlton	1992 - 1994	C26NE	2.6L MPI	M1.5	C/D	•	
Omega/Carlton	1992 - 1994	C30NE	3.0L MPI SOHC	M1.5	C/D	•	
Omega/Carlton	1992 - 1994	C30NE	3.0L MPI SOHC	M4.1	C/D	•	
Omega/Carlton	1992 - 1994	C30SE	3.0L MPI DOHC	M1.5	C/D	•	
Omega/Carlton	1992 - 1994	C30SEJ	3.0L MPI DOHC	M1.5	C/D	•	
Omega/Carlton	1992 - 1994	C30XEI	3.0L SFI DOHC	M1.5	C/D	•	
Omega/Carlton	1992 - 1994	C36NE	3.6L MPI	M1.5	C/D	•	
Omega/Carlton	1992 - 1994	C36NE	3.6L MPI	M4.1	C/D	•	
Omega-B	1994 - 1997	25DT	2.5L T-Diesel	DDE 2.1	C/D	•	
Omega-B	1994 - 1999	20SE	2.0L MPI	M1.5.4	C/D	•	
Omega-B	1994 - 1999	X20SE	2.0L SFI	M1.5.4	C/D	•	
Omega-B	1994 - 1999	X20XEV	2.0L SFI	Simtec 56	C/D	•	
Omega-B	1994 - 2001	X20XEV	2.0L SFI	Simtec 56.5	C/D	•	
Omega-B	1994 - 2002	X25XE	2.5L SFI	M 2.8	C/D	•	
Omega-B	1994 - 2002	X25XE	2.5L SFI	M2.8.1	C/D	•	
Omega-B	1994 - 2003	X30XE	3.0L SFI	M2.8.1	C/D	•	
Omega-B	1996 - 2001	X25DT	2.5L T-Diesel	DDE 2.1	C/D	•	
Omega-B	1997 - 2001	X20DTH	2.0L T-Diesel	EDC 15M	C/D	•	

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Relearn, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Relearn, RA- Relearn of Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

Key for Special Functions: BB- Brake Bleed, BSS- Brake Service, C- Crash Data, CF- Configuration, E- EGR, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RR- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, Jk- Jumper or Type Sensor Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 14-4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

OPEL / VAUX								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Omega-B	2000 - 2001	Y22XE	2.2L SFI	Simtec 71	C/D	•		
Omega-B	2000 - 2003	Y22DTH	2.2L T-Diesel	EDC 15M	C			
Omega-B	2000 - 2003	Y26SE	2.6L SFI	ME3.1.1	C/D	•		
Omega-B	2000 - 2003	Y32SE	3.2L SFI	ME3.1.1	C/D	•		
Omega-B	2000 - 2003	Z22XE	2.2L SFI	Simtec 71	C/D	•		
Omega-B	2002 - 2003	Y22DTH	2.2L T-Diesel	PSG16	C/D			
Senator	1992 - 1992	C30LE	3.0L MPI SOHC	M4.1	C/D	•		
Senator	1992 - 1994	C26NE	2.6L MPI	M1.5	C/D	•		
Senator	1992 - 1994	C30NE	3.0L MPI SOHC	M1.5	C/D	•		
Senator	1992 - 1994	C30NE	3.0L MPI SOHC	M4.1	C/D	•		
Senator	1992 - 1994	C30SE	3.0L MPI DOHC	M1.5	C/D	•		
Senator	1992 - 1994	C36NE	3.6L MPI	M1.5	C/D	•		
Senator	1992 - 1994	C36NE	3.6L MPI	M4.1	C/D	•		
Senator	1992 - 1994	C40SE	4.0L MPI	M1.5	C/D	•		
Signum	2002 - 2005	Y30DT	3.0L T-Diesel	Denso 0100 - CAN	C/D	•		
Signum	2002 - 2010	Y20DTH	2.0L T-Diesel	PSG 16 - CAN	C/D	•	•	
Signum	2002 - 2010	Y22DTR	2.2L T-Diesel	PSG 16 - CAN	C/D	•	•	
Signum	2002 - 2010	Z20NET	2.0L SFI	TRIONIC 8 - CAN	C/D	•		
Signum	2002 - 2010	Z22SE	2.2L SFI	GMPT-E16 - CAN	C/D	•		
Signum	2004 - 2010	Z19DT	1.9L T-Diesel	EDC 16C9 - CAN	C/D	•	•,I,P,R	
Signum	2004 - 2010	Z19DTH	1.9L T-Diesel	EDC 16C9 - CAN	C/D	•	•,I,P,R	
Signum	2006 - 2010	Z18XER	1.8L SFI	SIMTEC 75 - CAN	C/D	•	•	
Signum	2006 - 2010	Z30DT	3.0L T-Diesel	DECDD2	C/D	•	•,I,R	
Sintra	1997 - 2000	X22DTH	2.2L T-Diesel	EDC 15M	C/D	•		
Sintra	1997 - 2000	X22XE	2.2L SFI	M1.5.4	C/D	•		
Sintra	1997 - 2000	X30XE	3.0L SFI	M2.8.3	C/D	•		
Speedster/VX220	2001 - 2007	Z22SE	2.2L SFI	GMPT-E15	C/D	•		
Speedster/VX220	2002 - 2007	Z20LET	2.0L SFI Turbo	ME 1.5.5	C/D	•	•,R	
Tigra	1995 - 1996	X14XE	1.4L SFI	MULTEC S	C/D	•		
Tigra	1995 - 1996	X16XE	1.6L SFI	MULTEC S	C/D	•		
Tigra	1995 - 2000	X14XE	1.4L SFI	Multec F	C/D	•		
Tigra	1995 - 2000	X16XE	1.6L SFI	Multec F	C/D	•		
Tigra	1997 - 2000	C14SEL	1.4L SFI	MOTRONIC 1.5.5	C/D	•		
Tigra	1997 - 2000	C16SEL	1.6L MPI	MOTRONIC 1.5.5	C/D	•		
Tigra-B	2004 - 2010	Z14XEP	1.4L SFI	MOTRONIC 7.6.1	C/D	•	•,R	
Tigra-B	2004 - 2010	Z18XE	1.8L SFI	Simtec 71	C/D	•	•,R	
Tigra-B	2005 - 2010	Z13DT	1.3L T-Diesel	Multijet 6J0	C/D	•	I,P,R	
Vectra/Cavalier MKIII	1992 - 1993	16SV	1.6L 2BL	EST	C/D	•		
Vectra/Cavalier MKIII	1992 - 1993	20XEJ	2.0L SFI	M 2.5	C/D	•		
Vectra/Cavalier MKIII	1992 - 1994	C18NZ	1.8L CPI	MULTEC IEFI	C/D	•		
Vectra/Cavalier MKIII	1992 - 1995	18SV	1.8L 2BL	EST	C/D	•		
Vectra/Cavalier MKIII	1992 - 1995	20NE	2.0L MPI	M1.5	C/D	•		
Vectra/Cavalier MKIII	1992 - 1995	20NE	2.0L MPI	M4.1	C/D	•		
Vectra/Cavalier MKIII	1992 - 1995	20SEH	2.0L MPI	M1.5	C/D	•		
Vectra/Cavalier MKIII	1992 - 1995	20SEH	2.0L MPI	M4.1	C/D	•		
Vectra/Cavalier MKIII	1992 - 1995	C20LET	2.0L SFI Turbo	M 2.7	C/D	•		
Vectra/Cavalier MKIII	1992 - 1995	C20NE	2.0L MPI	M1.5	C/D	•		
Vectra/Cavalier MKIII	1992 - 1995	C20NE	2.0L MPI	M4.1	C/D	•		
Vectra/Cavalier MKIII	1992 - 1995	C20XE	2.0L SFI	M 2.8	C/D	•		
Vectra/Cavalier MKIII	1992 - 1995	C20XE	2.0L SFI	M2.5	C/D	•		
Vectra/Cavalier MKIII	1993 - 1994	X16SZ	1.6L CPI	Multec SZ	C/D	•		
Vectra/Cavalier MKIII	1993 - 1995	C16NZ2	1.6L CPI	MULTEC IEFI	C/D	•		
Vectra/Cavalier MKIII	1993 - 1995	C25XE	2.5L SFI	M 2.8	C/D	•		
Vectra/Cavalier MKIII	1994 - 1995	X20XEJ	2.0L SFI	Simtec 56	C/D	•		
Vectra/Cavalier MKIII	1995 - 1995	16LZ2	1.6L CPI	Multec M	C/D	•		
Vectra/Cavalier MKIII	1995 - 1995	C18NZ From 1995	1.8L CPI	MULTEC IEFI	C/D	•		
Vectra/Cavalier MKIII	1995 - 1995	C18NZ Up To 1995	1.8L CPI	MULTEC IEFI	C/D	•		
Vectra/Cavalier MKIII	1995 - 1995	X16SZ From 1995	1.6L CPI	Multec SZ	C/D	•		
Vectra/Cavalier MKIII	1995 - 1995	X16SZ Up To 1995	1.6L CPI	Multec SZ	C/D	•		

OPEL / VAUX								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Vectra-B	1996 - 1996	18SV	1.8L 2BL	EST	C/D	•		
Vectra-B	1996 - 1998	X20XEJ	2.0L SFI	Simtec 56	C/D	•		
Vectra-B	1996 - 2000	16LZ2	1.6L CPI	Multec M	C/D	•		
Vectra-B	1996 - 2000	20NEJ	2.0L SFI	M1.5.4	C/D	•		
Vectra-B	1996 - 2003	X16SZR	1.6L CPI	Multec F	C/D	•		
Vectra-B	1996 - 2003	X16XEL	1.6L SFI	Multec F	C/D	•		
Vectra-B	1996 - 2003	X16XEL	1.6L SFI	Multec H	C/D	•		
Vectra-B	1996 - 2003	X18XE	1.8L SFI	Simtec 56.5	C/D	•		
Vectra-B	1996 - 2003	X20XEJ	2.0L SFI	Simtec 56.5	C/D	•		
Vectra-B	1996 - 2003	X25XE	2.5L SFI	M2.8.3	C/D	•		
Vectra-B	1997 - 1998	X20DTL	2.0L T-Diesel	MSA15.6	C/D	•		
Vectra-B	1997 - 2003	C20SEL	2.0L SFI	Simtec 56.5	C/D	•		
Vectra-B	1997 - 2003	X20DTL	2.0L T-Diesel	EDC 15M	C/D	•		
Vectra-B	1998 - 2003	C22SEL	2.2L SFI	Simtec 56.5	C/D	•		
Vectra-B	1998 - 2003	X18XE1	1.8L SFI	Simtec 70	C/D	•		
Vectra-B	1998 - 2003	X20DTH	2.0L T-Diesel	EDC 15M	C/D	•		
Vectra-B	2000 - 2003	Y26SE	2.6L SFI	ME3.1.1	C/D	•		
Vectra-B	2000 - 2003	Z18XE	1.8L SFI	Simtec 71	C/D	•	•,R	
Vectra-B	2001 - 2002	Z18XEL	1.8L SFI	Simtec 71	C/D	•		
Vectra-B	2001 - 2003	Y20DTH	2.0L T-Diesel	EDC 15M	C/D	•		
Vectra-B	2001 - 2003	Y22DTR	2.2L T-Diesel	EDC 15M	C/D	•		
Vectra-B	2001 - 2003	Z16XE	1.6L SFI	MULTEC S(F)	C/D	•		
Vectra-B	2001 - 2003	DECDD2	2.2L SFI	GMPT-E15	C/D	•		
Vectra-B	2002 - 2003	Y22DTR	2.2L T-Diesel	PSG16	C/D	•		
Vectra-C	2002 - 2005	Y30DT	3.0L T-Diesel	Denso 0100 - CAN	C/D	•		
Vectra-C	2002 - 2010	Y20DTH	2.0L T-Diesel	PSG 16 - CAN	C/D	•	•	
Vectra-C	2002 - 2010	Y22DTR	2.2L T-Diesel	PSG 16 - CAN	C/D	•	•	
Vectra-C	2002 - 2010	Z20NET	2.0L SFI	TRIONIC 8 - CAN	C/D	•		
Vectra-C	2002 - 2010	Z22SE	2.2L SFI	GMPT-E16 - CAN	C/D	•		
Vectra-C	2004 - 2010	Z19DT	1.9L T-Diesel	EDC 16C9 - CAN	C/D	•	•,I,P,R	
Vectra-C	2004 - 2010	Z19DTH	1.9L T-Diesel	EDC 16C9 - CAN	C/D	•	•,I,P,R	
Vectra-C	2006 - 2010	Z18XER	1.8L SFI	SIMTEC 75 - CAN	C/D	•	•	
Vectra-C	2006 - 2010	Z30DT	3.0L T-Diesel	DECDD2	C/D	•	•,I,R	
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN BOSCH DIESEL	C			
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN BOSCH DIESEL (01)	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN BOSCH DIESEL (02)	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN BOSCH MSA15.5	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN BOSCH MSA5.5	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN DCM 1.2 KWP2000	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN DDCC 1	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN DDCC 2	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN Denso	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN DIESEL DEFAULT	C			
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN EDC15 8	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN EDC15 C	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN EDC15 C (119)	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN EDC15 VM	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN EDC16(C1)	C			
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN F9Q T-DIESEL	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN ISO DIESEL DEFAULT	C			
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN LUCAS DCU3R	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN LUCAS DIESEL (01)	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN LUCAS DIESEL (02)	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN LUCAS DIESEL (03)	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN LUCAS DIESEL (04)	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN LUCAS DIESEL (05)	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN LUCAS DIESEL (06)	C/D	•		
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN S3000	C			
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN SAGEM DIESEL (01)	C/D	•		

# Engine Management Applications

OPEL / VAUX							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN SAGEM DIESEL (02)	C/D	•	
Vivaro	2001 - 2010	F9Q	1.9L Diesel	REN SAGEM DIESEL (03)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN 5NR (02)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN 5NR 65PIIII	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN 5NR X06-X65	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN BOSCH 7.4.6	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN BOSCH M4.4	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN BOSCH MP7.0	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN FENIX 5 (04)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN FENIX 5 (05)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN FENIX 5 (06)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN FENIX 5 (07)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN FENIX 5 (08a)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN FENIX 5 (08b)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN FENIX 5 (08c)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN FENIX 5 (08d)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN FENIX 5 (08e)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN FENIX 5 (09a)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN FENIX 5 (09b)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN FENIX 5 (0A)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN FENIX 5 (0B)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN FENIX 5 (0B85)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN ISO PETROL DEFAULT	C	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN MAGNETI-MARELLI	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN PETROL DEFAULT	C	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN S2000 TURBO	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN S3000	C	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN SAGEM S2000	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN SAGEM SAFIR (A0)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN SAGEM SAFIR (A1)	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN Sirius	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN SIRIUS34	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN SIRIUS35	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN SIRIUS3H	C/D	•	
Vivaro	2003 - 2006	F4R	2.0L Turbo MPI	REN V4Y-6143	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN BOSCH DIESEL	C	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN BOSCH DIESEL (01)	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN BOSCH DIESEL (02)	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN BOSCH MSA15.5	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN BOSCH MSA5.5	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN DCM 1.2 KWP2000	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN DDCR 1	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN DDCR 2	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN Denso	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN DIESEL DEFAULT	C	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN EDC15 8	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN EDC15 C	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN EDC15 C (119)	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN EDC15 VM	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN EDC16(C1)	C	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN F9Q T-DIESEL	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN ISO DIESEL DEFAULT	C	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN LUCAS DCU3R	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN LUCAS DIESEL (01)	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN LUCAS DIESEL (02)	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN LUCAS DIESEL (03)	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN LUCAS DIESEL (04)	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN LUCAS DIESEL (05)	C/D	•	

OPEL / VAUX							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN LUCAS DIESEL (06)	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN S3000	C	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN SAGEM DIESEL (01)	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN SAGEM DIESEL (02)	C/D	•	
Vivaro	2003 - 2006	G9U	2.5L Turbo Diesel	REN SAGEM DIESEL (03)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN 5NR (02)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN 5NR 65PIIII	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN 5NR X06-X65	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN BOSCH 7.4.6	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN BOSCH M4.4	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN BOSCH MP7.0	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (04)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (05)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (06)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (07)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (08a)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (08b)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (08c)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (08d)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (08e)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (08c)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (08d)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (08e)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (09a)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (09b)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (0A)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (0B)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN FENIX 5 (0B85)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN ISO PETROL DEFAULT	C	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN MAGNETI-MARELLI	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN PETROL DEFAULT	C	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN S2000 TURBO	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN ISO PETROL DEFAULT	C	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN MAGNETI-MARELLI	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN PETROL DEFAULT	C	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN S2000 TURBO	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN S3000	C	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN SAGEM S2000	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN SAGEM SAFIR (A0)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN SAGEM SAFIR (A1)	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN Sirius	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN SIRIUS34	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN SIRIUS35	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN SIRIUS3H	C/D	•	
Vivaro	2007 - 2010	F4R	2.0L Petrol	REN V4Y-6143	C/D	•	
Vivaro	2007 - 2010	G9U	2.5L Diesel	REN EDC16 C36	C/D	•	•,I
Vivaro	2007 - 2010	G9U	2.5L Diesel	REN EDC16CP33	C/D	•	•,I
Vivaro	2007 - 2010	M9R	2.0L Diesel	REN EDC16 C36	C/D	•	•,I
Vivaro	2007 - 2010	M9R	2.0L Diesel	REN EDC16CP33	C/D	•	•,I
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN 5NR (02)	C/D	•	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN 5NR 65PIIII	C/D	•	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN 5NR X06-X65	C/D	•	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN BOSCH 7.4.6	C/D	•	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN BOSCH M4.4	C/D	•	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN BOSCH MP7.0	C/D	•	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN FENIX 5 (04)	C/D	•	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN FENIX 5 (05)	C/D	•	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN FENIX 5 (06)	C/D	•	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN FENIX 5 (07)	C/D	•	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN FENIX 5 (08a)	C/D	•	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN FENIX 5 (08b)	C/D	•	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN FENIX 5 (08c)	C/D	•	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN FENIX 5 (08d)	C/D	•	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN FENIX 5 (08e)	C/D	•	

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, JA- Jumper or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

OPEL / VAUX								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN FENIX 5 (09a)	C/D	•		
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN FENIX 5 (09b)	C/D	•		
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN FENIX 5 (0A)	C/D	•		
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN FENIX 5 (0B)	C/D	•		
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN FENIX 5 (0B85)	C/D	•		
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN ISO PETROL DEFAULT				
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN MAGNETI-MARELLI	C/D	•		
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN PETROL DEFAULT	C			
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN S2000 TURBO	C/D	•		
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN S3000	C			
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN SAGEM S2000	C/D	•		
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN SAGEM SAFIR (A0)	C/D	•		
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN SAGEM SAFIR (A1)	C/D	•		
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN Sirius	C/D	•		
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN SIRIUS34	C/D	•		
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN SIRIUS35	C/D	•		
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN SIRIUS3H	C/D	•		
Vivaro Ph3	2011 - 2013	F4R	2.0L Petrol	REN V4Y-6143	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN BOSCH DIESEL	C			
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN BOSCH DIESEL (01)	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN BOSCH DIESEL (02)	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN BOSCH MSA15.5	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN BOSCH MSA5.5	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN DCM 1.2 KWP2000	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN DDCR 1	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN DDCR 2	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN Denso	C/D			
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN DIESEL DEFAULT	C			
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN EDC15 8	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN EDC15 C	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN EDC15 C (119)	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN EDC15 VM	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN EDC16(C1)	C			
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN F9Q T-DIESEL	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN ISO DIESEL DEFAULT				
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN LUCAS DCU3R	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN LUCAS DIESEL (01)	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN LUCAS DIESEL (02)	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN LUCAS DIESEL (03)	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN LUCAS DIESEL (04)	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN LUCAS DIESEL (05)	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN LUCAS DIESEL (06)	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN S3000	C			
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN SAGEM DIESEL (01)	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN SAGEM DIESEL (02)	C/D	•		
Vivaro Ph3	2011 - 2013	F9Q	1.9L Diesel	REN SAGEM DIESEL (03)	C/D	•		
Vivaro Ph3	2011 - 2013	G9U	2.5L Diesel	REN EDC16 C36	C/D	•	•,I	
Vivaro Ph3	2011 - 2013	G9U	2.5L Diesel	REN EDC16CP33	C/D	•	•,I	
Vivaro Ph3	2011 - 2013	M9R	2.0L Diesel	EDC17-C11	C/D			
Vivaro Ph3	2011 - 2013	M9R	2.0L Diesel	REN EDC16 C36	C/D	•	•,I	
Vivaro Ph3	2011 - 2013	M9R	2.0L Diesel	REN EDC16CP33	C/D	•	•,I	
Zafira	1999 - 2001	X16XEL	1.6L SFI	Multec H	C/D	•		
Zafira	1999 - 2001	X20DTL	2.0L T-Diesel	EDC 15M	C/D	•		

OPEL / VAUX								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Zafira	1999 - 2003	X18XE1	1.8L SFI	Simtec 70	C/D	•		
Zafira	2000 - 2005	Y20DTH	2.0L T-Diesel	EDC 15M	C/D	•		
Zafira	2000 - 2005	Z20LET	2.0L SFI Turbo	ME 1.5.5	C/D	•		
Zafira	2001 - 2005	Z16XE	1.6L SFI	MULTEC S(F)	C/D	•		
Zafira	2001 - 2005	Z18XE	1.8L SFI	Simtec 71	C/D	•	•,R	
Zafira	2001 - 2005	Z22SE	2.2L SFI	GMPT-E15	C/D	•		
Zafira	2002 - 2005	Y20DTH	2.0L T-Diesel	PSG16	C/D			
Zafira	2002 - 2005	Y22DTR	2.2L T-Diesel	PSG16	C/D			
Zafira-B	2005 - 2013	Z18XER	1.8L SFI	SIMTEC 75 - CAN	C/D	•	•	
Zafira-B	2005 - 2013	Z19DT	1.9L T-Diesel	EDC 16C9 - CAN	C/D	•	I,P,R	
Zafira-B	2005 - 2013	Z19DTH	1.9L T-Diesel	EDC 16C9 - CAN	C/D	•	I,P,R	
Zafira-B	2008 - 2013	A17DTJ	1.7L T-Diesel	DECOREE01	C/D	•	•,I,P,R	
Zafira-B	2008 - 2013	A17DTR	1.7L T-Diesel	DECOREE01	C/D	•	•,I,P,R	
Zafira-B	2008 - 2013	Z17DTJ	1.7L T-Diesel	DECOREE01	C/D	•	•,I,P,R	
Zafira-C	2012 - 2013	ZHO	1.8L Petrol	GM-PT	C/D	•	•	
Zafira-C	2012 - 2013	LBQ	2.0L Diesel	EDC 17	C/D	•	•	
Zafira-C	2012 - 2013	LBR	2.0L Diesel	EDC 17	C/D	•	•	
Zafira-C	2012 - 2013	LBS	2.0L Diesel	EDC 17	C/D	•	•	
Zafira-C	2012 - 2013	LBX	2.0L Diesel	EDC 17	C/D	•	•	
Zafira-C	2012 - 2013	LBY	2.0L Diesel	EMS	C/D	•	•	
Zafira-C	2012 - 2013	LUJ	1.4L Petrol	M7.6.4	C/D	•	•	
Zafira-C	2013 - 2013	LGE	1.6L Petrol/CNG	EMS	C/D	•	•	
Zafira-C	2013 - 2013	LVL	1.6L Diesel	EMS	C/D	•	•	
Zafira-C	2013 - 2013	LVP	1.6L Petrol	EMS	C/D	•	•	

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 Key for Special Functions: BB= Brake Bleed, BS= Brake Service, C= Crash Data, CF= Configuration, E= EGR, F= Flammable, I= Injector Coding, O= Oil reset for DPF, P= Particulate Filter, R= Return, RA= Reset Adaptations, S= Steering Angle Sensor, E= Electronic Body Return, H= Hydraulic or Type Sent Auto, \* = Other (see table on page 26) Dark grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Airbag

OPEL / VAUX					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Adam	2013 - 2013	IRS DM	C/D	•	
Agila-B	2008 - 2013	S DM (Airbag)	C/D		
Ampera	2012 - 2013	IRS DM	C/D		
Antara	2011 - 2013	IRS DM	C/D	•	
Astra-H	2004 - 2013	S RS LSCAN	C/D		•,C
Astra-J	2010 - 2013	IRS DM	C/D		
Cascada	2013 - 2013	IRS DM	C/D	•	
Combo-C	2000 - 2011	S AB 6 KW2000	C		•,C
Combo-C	2000 - 2011	S AB 8 KW2000	C		•,C
Combo-D	2012 - 2013	Bosch Airbag (EP)	C/D	•	
Corsa-C	2000 - 2011	S AB 6 KW2000	C		•,C
Corsa-C	2000 - 2011	S AB 8 KW2000	C		•,C
Corsa-D	2006 - 2013	S RS LSCAN	C/D		•,C
Insignia	2009 - 2013	IRS DM	C/D		
Meriva	2003 - 2010	S AB 6 KW2000	C		•,C
Meriva	2003 - 2010	S AB 8 KW2000	C		•,C
Meriva-B	2010 - 2013	IRS DM	C/D		
Mokka	2013 - 2013	IRS DM	C/D	•	
Movano	1998 - 2010	REN AIRBAG 01	C/D		•
Movano	1998 - 2010	REN AIRBAG 02	C/D		•
Movano	1998 - 2010	REN AIRBAG 03	C/D		•
Movano	1998 - 2010	REN AIRBAG 04	C/D		•
Movano	1998 - 2010	REN AIRBAG 05	C/D		•
Movano	1998 - 2010	REN AIRBAG 09	C/D		•
Movano	1998 - 2010	REN AIRBAG 1	C/D		•
Movano	1998 - 2010	REN AIRBAG 2	C/D		•
Movano	1998 - 2010	REN AIRBAG 2D	C/D		•
Movano	1998 - 2010	REN AIRBAG MATRA	C/D		•
Movano	1998 - 2010	REN AIRBAG PROG 0800	C/D		
Movano	1998 - 2010	REN AUTOLIV KLIPPAN 1	C/D		
Movano	1998 - 2010	REN AUTOLIV KLIPPAN 2	C/D		
Movano	1998 - 2010	REN BOSCH AB8.0	C/D		
Movano	1998 - 2010	REN BOSCH AC4 PHASE II	C/D		
Movano	1998 - 2010	REN BOSCH AC6 PHASE II	C/D		
Movano	1998 - 2010	REN ISO AIRBAG DEFAULT	C/D		
Movano	1998 - 2010	REN SAGEM AC6	C/D		
Movano-B	2010 - 2013	S RS-21	C/D		
Signum	2002 - 2003	AIRBAG2_VECTRA	C/D		
Signum	2003 - 2010	AIRBAG MULTI STAGE	C/D		•,C
Tigra-B	2004 - 2010	S AB 6 KW2000	C		•,C
Tigra-B	2004 - 2010	S AB 8 KW2000	C		•,C
Vectra-C	2002 - 2003	AIRBAG2_VECTRA	C/D		
Vectra-C	2003 - 2010	AIRBAG MULTI STAGE	C/D		•,C
Vivaro	2001 - 2010	REN AIRBAG 01	C/D		•
Vivaro	2001 - 2010	REN AIRBAG 02	C/D		•
Vivaro	2001 - 2010	REN AIRBAG 03	C/D		•
Vivaro	2001 - 2010	REN AIRBAG 04	C/D		•
Vivaro	2001 - 2010	REN AIRBAG 05	C/D		•
Vivaro	2001 - 2010	REN AIRBAG 09	C/D		•
Vivaro	2001 - 2010	REN AIRBAG 1	C/D		•
Vivaro	2001 - 2010	REN AIRBAG 2	C/D		•
Vivaro	2001 - 2010	REN AIRBAG 2D	C/D		•
Vivaro	2001 - 2010	REN AIRBAG MATRA	C/D		•
Vivaro	2001 - 2010	REN AIRBAG PROG 0800	C/D		
Vivaro	2001 - 2010	REN AUTOLIV KLIPPAN 1	C/D		
Vivaro	2001 - 2010	REN AUTOLIV KLIPPAN 2	C/D		
Vivaro	2001 - 2010	REN BOSCH AB8.0	C/D		

## Airbag Continued

OPEL / VAUX					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Vivaro	2001 - 2010	REN BOSCH AC4 PHASE II	C/D		
Vivaro	2001 - 2010	REN BOSCH AC6 PHASE II	C/D		
Vivaro	2001 - 2010	REN ISO AIRBAG DEFAULT			
Vivaro	2001 - 2010	REN SAGEM AC6	C/D		
Vivaro Ph3	2011 - 2013	REN AIRBAG 01	C/D		•
Vivaro Ph3	2011 - 2013	REN AIRBAG 02	C/D		•
Vivaro Ph3	2011 - 2013	REN AIRBAG 03	C/D		•
Vivaro Ph3	2011 - 2013	REN AIRBAG 04	C/D		•
Vivaro Ph3	2011 - 2013	REN AIRBAG 05	C/D		•
Vivaro Ph3	2011 - 2013	REN AIRBAG 09	C/D		•
Vivaro Ph3	2011 - 2013	REN AIRBAG 1	C/D		•
Vivaro Ph3	2011 - 2013	REN AIRBAG 2	C/D		•
Vivaro Ph3	2011 - 2013	REN AIRBAG 2D	C/D		•
Vivaro Ph3	2011 - 2013	REN AIRBAG MATRA	C/D		•
Vivaro Ph3	2011 - 2013	REN AIRBAG PROG 0800	C/D		
Vivaro Ph3	2011 - 2013	REN AUTOLIV KLIPPAN 1	C/D		
Vivaro Ph3	2011 - 2013	REN AUTOLIV KLIPPAN 2	C/D		
Vivaro Ph3	2011 - 2013	REN BOSCH AB8.0	C/D		
Vivaro Ph3	2011 - 2013	REN BOSCH AC4 PHASE II	C/D		
Vivaro Ph3	2011 - 2013	REN BOSCH AC6 PHASE II	C/D		
Vivaro Ph3	2011 - 2013	REN ISO AIRBAG DEFAULT			
Vivaro Ph3	2011 - 2013	REN SAGEM AC6	C/D		
Zafira-B	2005 - 2013	S RS LSCAN	C/D		•,C
Zafira-C	2012 - 2013	IRS DM	C/D		

## Antilock Brakes

OPEL / VAUX					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Adam	2013 - 2013	EBCM	C/D	•	
Agila-B	2008 - 2013	ABS/ESP	C/D	•	
Ampera	2012 - 2013	EBCM	C/D	•	
Antara	2011 - 2013	EBCM with Vehicle Stability	C/D	•	
Antara	2011 - 2013	EBCM without Vehicle Stability	C/D	•	
Astra-F	1992 - 2002	ABS 2E	C/D		
Astra-G	1998 - 2009	ABS 5.3/5.4-TC KWC&D	C/D	•	•
Astra-G	1998 - 2009	ESP 5.3	C/D	•	•
Astra-H	2004 - 2013	ABS TC ESP	C/D	•	•
Astra-J	2010 - 2013	EBCM w/o Vehicle Stability System	C/D	•	•
Astra-J	2010 - 2013	EBCM with Vehicle Stability System	C/D	•	•,R
Calibra	1992 - 1997	ABS 2E	C/D		
Cascada	2013 - 2013	EBCM	C/D	•	
Combo-B	1993 - 2001	ABS 4/4 F	C		
Combo-B	1993 - 2001	ABS 5.3 ISO-82	C		
Combo-C	2000 - 2011	ABS 5.3/5.4-TC KWC&D	C/D	•	•
Combo-C	2000 - 2011	ABS/ESP 8	C/D	•	•
Combo-D	2012 - 2013	MK60EC ABS (EP)	C/D	•	
Corsa-B	1993 - 2001	ABS 4/4 F	C		
Corsa-B	1993 - 2001	ABS 5.3 ISO-82	C		
Corsa-C	2000 - 2011	ABS 5.3/5.4-TC KWC&D	C/D	•	•

## Antilock Brakes Continued

OPEL / VAUX					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Corsa-C	2000 - 2011	ABS/ESP 8	C/D	•	•
Corsa-D	2006 - 2013	ABS/TC/ESP 8.1	C/D	•	•
Insignia	2009 - 2013	EBCM w/o Vehicle Stability System	C/D	•	•
Insignia	2009 - 2013	EBCM with Vehicle Stability System	C/D	•	•,R
Kadett/Astra/ Belmont	1992 - 1992	ABS 2E	C/D		
Meriva	2003 - 2010	ABS 5.3/5.4-TC KWC&D	C/D	•	•
Meriva	2003 - 2010	ABS/ESP 8	C/D	•	•
Meriva	2003 - 2010	ESP 5.3	C/D	•	•
Meriva-B	2010 - 2013	EBCM	C/D	•	
Mokka	2013 - 2013	EBCM	C/D	•	
Movano	1998 - 2010	REN ABS (02)	C/D		
Movano	1998 - 2010	REN ABS (04)	C		
Movano	1998 - 2010	REN ABS (05)	C/D		
Movano	1998 - 2010	REN ABS (06)	C/D		
Movano	1998 - 2010	REN ABS (08)	C		
Movano	1998 - 2010	REN ABS (0C)	C		
Movano	1998 - 2010	REN ABS (11)	C/D		
Movano	1998 - 2010	REN ABS (13)	C/D		
Movano	1998 - 2010	REN ABS (14)	C/D		
Movano	1998 - 2010	REN ABS (1C)	C/D		
Movano	1998 - 2010	REN ABS (45)	C/D		
Movano	1998 - 2010	REN ABS (4D)	C/D		
Movano	1998 - 2010	REN ABS (6F)	C/D		
Movano	1998 - 2010	REN ABS (Vdiag 18)	C/D		
Movano	1998 - 2010	REN ABS 02	C		
Movano	1998 - 2010	REN ABS BOSCH 2E	C		
Movano	1998 - 2010	REN ABS BOSCH 5.3 (I)	C/D		
Movano	1998 - 2010	REN ABS BOSCH 5.3 (II)	C/D		
Movano	1998 - 2010	REN ABS TEVES (06)	C/D	•	
Movano	1998 - 2010	REN ABS TEVES MK20I (01)	C/D	•	
Movano	1998 - 2010	REN ABS TEVES MK20I (02)	C/D	•	
Movano	1998 - 2010	REN ABS TEVES MK20I (03)	C/D	•	
Movano	1998 - 2010	REN ABS TEVES MK20I (04)	C/D	•	
Movano	1998 - 2010	REN ABS TEVES N31	C/D	•	
Movano	1998 - 2010	REN ABS/ESP TEVES MK60	C/D		
Movano	1998 - 2010	REN ISO ABS DEFAULT	C/D		
Movano-B	2010 - 2013	ESP-14	C/D		
Omega-B	1994 - 2003	ESP 5.3	C/D	•	•
Signum	2002 - 2010	EBC 430EV - CAN	C/D	•	
Tigra	1995 - 2000	ABS 4/4 F	C		
Tigra	1995 - 2000	ABS 5.3 ISO-82	C		
Tigra-B	2004 - 2010	ABS 5.3/5.4-TC KWC&D	C/D	•	•
Tigra-B	2004 - 2010	ABS/ESP 8	C/D	•	•
Vectra/Cavalier MKIII	1992 - 1995	ABS 2E	C/D		
Vectra-C	2002 - 2010	EBC 430EV - CAN	C/D	•	
Vivaro	2001 - 2010	REN ABS (02)	C/D		
Vivaro	2001 - 2010	REN ABS (04)	C		
Vivaro	2001 - 2010	REN ABS (05)	C/D		
Vivaro	2001 - 2010	REN ABS (06)	C/D		
Vivaro	2001 - 2010	REN ABS (08)	C		
Vivaro	2001 - 2010	REN ABS (0C)	C		
Vivaro	2001 - 2010	REN ABS (11)	C/D		
Vivaro	2001 - 2010	REN ABS (13)	C/D		
Vivaro	2001 - 2010	REN ABS (14)	C/D		
Vivaro	2001 - 2010	REN ABS (1C)	C/D		

Key for Special Functions: B= Brake Bleed, BS= Brake Service, C= Crash Data, CF= Configuration, E= ECU, F= Flywheel, I= Injector Coding, O= Oil reset for DPF, P= Particulate Filter, R= Relearn, RK= Reset Adaptation's S= Steering Angle Sensor, E= Electronic Body Relearn, J= Jumper or Type Semi Auto, \* = Other (see table on page 26) Dark grey lines indicate new content at 1.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



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 Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptation, S- Steering Angle Sensor, E- Electronic Body Return, JA- Jumper or Type Semi Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Anti-lock Brakes Continued

OPEL / VAUX					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Vivaro	2001 - 2010	REN ABS (45)	C/D		
Vivaro	2001 - 2010	REN ABS (4D)	C/D		
Vivaro	2001 - 2010	REN ABS (6F)	C/D		
Vivaro	2001 - 2010	REN ABS (Vdiag 18)	C/D		
Vivaro	2001 - 2010	REN ABS 02	C		
Vivaro	2001 - 2010	REN ABS BOSCH 2E	C		
Vivaro	2001 - 2010	REN ABS BOSCH 5.3 (I)	C/D		
Vivaro	2001 - 2010	REN ABS BOSCH 5.3 (II)	C/D		
Vivaro	2001 - 2010	REN ABS TEVES (06)	C/D	•	
Vivaro	2001 - 2010	REN ABS TEVES MK20I (01)	C/D	•	
Vivaro	2001 - 2010	REN ABS TEVES MK20I (02)	C/D	•	
Vivaro	2001 - 2010	REN ABS TEVES MK20I (03)	C/D	•	
Vivaro	2001 - 2010	REN ABS TEVES MK20I (04)	C/D	•	
Vivaro	2001 - 2010	REN ABS TEVES N31	C/D	•	
Vivaro	2001 - 2010	REN ABS/ESP TEVES MK60	C/D		
Vivaro	2001 - 2010	REN ISO ABS DEFAULT			
Vivaro	2007 - 2010	REN ABS 8.0	C/D		
Vivaro Ph3	2011 - 2013	REN ABS (02)	C/D		
Vivaro Ph3	2011 - 2013	REN ABS (04)	C		
Vivaro Ph3	2011 - 2013	REN ABS (05)	C/D		
Vivaro Ph3	2011 - 2013	REN ABS (06)	C/D		
Vivaro Ph3	2011 - 2013	REN ABS (08)	C		
Vivaro Ph3	2011 - 2013	REN ABS (0C)	C		
Vivaro Ph3	2011 - 2013	REN ABS (11)	C/D		
Vivaro Ph3	2011 - 2013	REN ABS (13)	C/D		
Vivaro Ph3	2011 - 2013	REN ABS (14)	C/D		
Vivaro Ph3	2011 - 2013	REN ABS (1C)	C/D		
Vivaro Ph3	2011 - 2013	REN ABS (45)	C/D		
Vivaro Ph3	2011 - 2013	REN ABS (4D)	C/D		
Vivaro Ph3	2011 - 2013	REN ABS (6F)	C/D		
Vivaro Ph3	2011 - 2013	REN ABS (Vdiag 18)	C/D		
Vivaro Ph3	2011 - 2013	REN ABS 02	C		
Vivaro Ph3	2011 - 2013	REN ABS 8.0	C/D		
Vivaro Ph3	2011 - 2013	REN ABS BOSCH 2E	C		
Vivaro Ph3	2011 - 2013	REN ABS BOSCH 5.3 (I)	C/D		
Vivaro Ph3	2011 - 2013	REN ABS BOSCH 5.3 (II)	C/D		
Vivaro Ph3	2011 - 2013	REN ABS TEVES (06)	C/D	•	
Vivaro Ph3	2011 - 2013	REN ABS TEVES MK20I (01)	C/D	•	
Vivaro Ph3	2011 - 2013	REN ABS TEVES MK20I (02)	C/D	•	
Vivaro Ph3	2011 - 2013	REN ABS TEVES MK20I (03)	C/D	•	
Vivaro Ph3	2011 - 2013	REN ABS TEVES MK20I (04)	C/D	•	
Vivaro Ph3	2011 - 2013	REN ABS TEVES N31	C/D	•	
Vivaro Ph3	2011 - 2013	REN ABS/ESP TEVES MK60	C/D		
Vivaro Ph3	2011 - 2013	REN ISO ABS DEFAULT			
Zafira	1999 - 2005	ABS 5.3/5.4-TC KWC&D	C/D	•	•
Zafira	1999 - 2005	ESP 5.3	C/D	•	•
Zafira-B	2005 - 2013	ABS TC ESP	C/D	•	•
Zafira-C	2012 - 2013	EBCM w/o Vehicle Stability System	C/D	•	•
Zafira-C	2012 - 2013	EBCM with Vehicle Stability System	C/D	•	•,R

## Auto Transmission

OPEL / VAUX					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Ampera	2012 - 2013	AET-50	C/D		
Antara	2011 - 2013	6T4x	C/D	•	
Astra-F	1992 - 2002	AF13/14/20	C/D		
Astra-F	1992 - 2002	AF13/20/22	C/D		
Astra-G	1998 - 2009	AF13-II/17/20/22	C/D		
Astra-H	2006 - 2013	AF 17-4	C/D		
Astra-H	2006 - 2013	AF 22-4	C/D	•	•,R
Astra-H	2006 - 2013	AF 40-6	C/D	•	•,R
Astra-H	2006 - 2013	MTA-Easytronic	C/D		
Astra-J	2010 - 2013	AF-40 Gen1	C/D	•	
Astra-J	2010 - 2013	Delphi T76	C/D	•	
Calibra	1992 - 1997	AF13/14/20	C/D		
Calibra	1992 - 1997	AF13/20/22	C/D		
Combo-B	1993 - 2001	AF13/14/20	C/D		
Combo-B	1993 - 2001	AF13/20/22	C/D		
Combo-C	2000 - 2011	AF13-II/17/20/22	C/D		
Corsa-B	1993 - 2001	AF13/14/20	C/D		
Corsa-B	1993 - 2001	AF13/20/22	C/D		
Corsa-C	2000 - 2011	AF13-II/17/20/22	C/D		
Insignia	2009 - 2013	AF-40 Gen1	C/D	•	
Insignia	2009 - 2013	Delphi T76	C/D	•	
Meriva	2003 - 2010	AF13-II/17/20/22	C/D		
Meriva-B	2010 - 2013	AF-40	C/D		
Mokka	2013 - 2013	F46	C/D	•	
Movano	1998 - 2010	REN AD4/AD8/ADR	C/D		
Movano	1998 - 2010	REN BVA SU1	C/D		
Movano	1998 - 2010	REN BVR 4DF	C/D		
Movano	1998 - 2010	REN DPO	C/D		
Movano	1998 - 2010	REN ISO TRANSMISSION DEFAULT			
Movano	1998 - 2010	REN LMO	C/D		
Movano	1998 - 2010	REN MB1/MB3 (1)	C		
Movano	1998 - 2010	REN MB1/MB3 (2)	C		
Movano	1998 - 2010	REN SIEMENS	C		
Movano	1998 - 2010	REN Siemens DPO	C/D		
Movano	1998 - 2010	REN TRANSMISSION (01)	C/D		
Movano	1998 - 2010	REN TRANSMISSION (02)	C/D		
Movano	1998 - 2010	REN TRANSMISSION (03)	C/D		
Movano	1998 - 2010	REN TRANSMISSION DEFAULT	C		
Movano	1998 - 2010	REN VOLVO TRANSMISSION	C		
Omega-B	2002 - 2003	5L40E	C		
Omega-B	2002 - 2003	GS8.20 AR25/35	C		
Omega-B	2002 - 2003	GS8.21 AR25/35	C		
Signum	2005 - 2010	AF 40-6	C/D	•	•,R
Tigra-B	2004 - 2010	AF13-II/17/20/22	C/D		
Vectra/Cavalier MKIII	1992 - 1995	AF13/14/20	C/D		
Vectra/Cavalier MKIII	1992 - 1995	AF13/20/22	C/D		
Vectra-B	1996 - 2003	AF13/20/22	C/D		
Vectra-B	1996 - 2003	AF13-II/17/20/22	C/D		
Vectra-C	2005 - 2010	AF 40-6	C/D	•	•,R
Vivaro	2001 - 2010	REN AD4/AD8/ADR	C/D		
Vivaro	2001 - 2010	REN BVA SU1	C/D		
Vivaro	2001 - 2010	REN BVR 4DF	C/D		
Vivaro	2001 - 2010	REN DPO	C/D		
Vivaro	2001 - 2010	REN ISO TRANSMISSION DEFAULT			
Vivaro	2001 - 2010	REN LMO	C/D		
Vivaro	2001 - 2010	REN MB1/MB3 (1)	C		

## Auto Transmission Continued

OPEL / VAUX					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Vivaro	2001 - 2010	REN MB1/MB3 (2)	C		
Vivaro	2001 - 2010	REN SIEMENS	C		
Vivaro	2001 - 2010	REN Siemens DPO	C/D		
Vivaro	2001 - 2010	REN TRANSMISSION (01)	C/D		
Vivaro	2001 - 2010	REN TRANSMISSION (02)	C/D		
Vivaro	2001 - 2010	REN TRANSMISSION (03)	C/D		
Vivaro	2001 - 2010	REN TRANSMISSION DEFAULT	C		
Vivaro	2001 - 2010	REN VOLVO TRANSMISSION	C		
Vivaro Ph3	2011 - 2013	REN AD4/AD8/ADR	C/D		
Vivaro Ph3	2011 - 2013	REN BVA SU1	C/D		
Vivaro Ph3	2011 - 2013	REN BVR 4DF	C/D		
Vivaro Ph3	2011 - 2013	REN DPO	C/D		
Vivaro Ph3	2011 - 2013	REN ISO TRANSMISSION DEFAULT			
Vivaro Ph3	2011 - 2013	REN LMO	C/D		
Vivaro Ph3	2011 - 2013	REN MB1/MB3 (1)	C		
Vivaro Ph3	2011 - 2013	REN MB1/MB3 (2)	C		
Vivaro Ph3	2011 - 2013	REN SIEMENS	C		
Vivaro Ph3	2011 - 2013	REN Siemens DPO	C/D		
Vivaro Ph3	2011 - 2013	REN TRANSMISSION (01)	C/D		
Vivaro Ph3	2011 - 2013	REN TRANSMISSION (02)	C/D		
Vivaro Ph3	2011 - 2013	REN TRANSMISSION (03)	C/D		
Vivaro Ph3	2011 - 2013	REN TRANSMISSION DEFAULT	C		
Vivaro Ph3	2011 - 2013	REN VOLVO TRANSMISSION	C		
Zafira	1999 - 2005	AF13-II/17/20/22	C/D		
Zafira-B	2005 - 2013	AF 22-4	C/D	•	•,R
Zafira-B	2005 - 2013	AF 40-6	C/D	•	•,R
Zafira-C	2012 - 2013	AF-40 Gen1	C/D	•	
Zafira-C	2012 - 2013	Delphi T76	C/D	•	

## Instrument Panel

OPEL / VAUX					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Adam	2013 - 2013	IPC	C/D	•	
Agila	2000 - 2007	AGILA INSTR PANEL	C		
Astra-G	1998 - 2009	ASTRA-G INSTR PANEL	C	•	
Astra-J	2010 - 2013	IPC	C/D	•	•,R
Cascada	2013 - 2013	IPC	C/D	•	
Combo-D	2012 - 2013	IPC	C/D	•	
Insignia	2009 - 2013	IPC	C/D	•	•,R
Meriva	2003 - 2010	MERIVA INSTR PANEL	C		
Meriva-B	2010 - 2013	IPC	C/D	•	•
Tigra-B	2004 - 2010	TIGRA-B INSTR PANEL	C		
Zafira	1999 - 2005	ZAFIRA INSTR PANEL	C		
Zafira-C	2012 - 2013	IPC	C/D	•	•,R

## Other

OPEL / VAUX	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
	Agila-B	2008 - 2013	BCM	C/D	•		Body Control Module
	Astra-J	2010 - 2013	BCM	C/D	•		Body Control Module
	Combo-C	2000 - 2011	BCM	C/D	•	•	Body Control Module
	Corsa-D	2006 - 2013	BCM	C/D	•	•	Body Control Module
	Corsa-C	2000 - 2011	BCM	C/D	•	•	Body Control Module
	Insignia	2009 - 2013	BCM	C/D	•		Body Control Module
	Signum	2002 - 2010	BCM	C/D	•		Body Control Module
	Tigra-B	2004 - 2010	BCM	C/D	•	•	Body Control Module
	Vectra-C	2002 - 2010	BCM	C/D	•	•	Body Control Module
	Zafira-C	2012 - 2013	BCM	C/D	•		Body Control Module
	Vivaro	2001 - 2010	REN Traffic II UCH	C/D	•		Body Systems
	Vivaro	2001 - 2010	REN Traffic II UCH Codes only	C/D			Body Systems
	Vivaro Ph3	2011 - 2013	REN Traffic II UCH	C/D	•		Body Systems
	Vivaro Ph3	2011 - 2013	REN Traffic II UCH Codes only	C/D			Body Systems
	Movano-B	2010 - 2013	UCH-07	C/D			Body Systems
	Signum	2002 - 2010	-				Code Scan
	Vectra-C	2002 - 2010	-				Code Scan
	Insignia	2009 - 2013	-	C			Code Scan
	Corsa-D	2006 - 2013	-				Code Scan
	Meriva	2003 - 2010	-				Code Scan
	Meriva-B	2010 - 2013	-	C			Code Scan
	Mokka	2013 - 2013	-				Code Scan
	Cascada	2013 - 2013	-				Code Scan
	Combo-D	2012 - 2013	-	C			Code Scan
	Astra-J	2010 - 2013	-	C			Code Scan
	Antara	2007 - 2013	-				Code Scan
	Astra-H	2004 - 2013	-				Code Scan
	Adam	2013 - 2013	-				Code Scan
	Agila-B	2008 - 2013	-				Code Scan
	Ampera	2012 - 2013	-	C			Code Scan
	Zafira-B	2005 - 2013	-				Code Scan
	Zafira-C	2012 - 2013	-	C			Code Scan
	Zafira-B	2005 - 2013	EPS	C/D			Electric Power Steering
	Agila-B	2008 - 2013	EPS	C/D			Electric Power Steering
	Astra-H	2004 - 2013	EPS	C/D			Electric Power Steering
	Combo-C	2000 - 2011	EPS	C/D			Electric Power Steering
	Corsa-C	2000 - 2011	EPS	C/D			Electric Power Steering
	Tigra-B	2004 - 2010	EPS	C/D			Electric Power Steering
	Signum	2005 - 2010	EHU0001	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0201	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0202	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0203	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0204	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0205	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0206	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0207	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0208	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0209	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0301	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0302	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0303	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0401	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0402	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0403	C	•	•	Entertainment Head Unit

## Other Continued

OPEL / VAUX	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
	Signum	2005 - 2010	EHU0404	C		•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0501	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0502	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0505	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHU0801	C/D	•	•	Entertainment Head Unit
	Signum	2005 - 2010	EHUR10	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0001	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0201	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0202	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0203	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0204	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0205	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0206	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0207	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0208	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0209	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0301	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0302	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0303	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0401	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0402	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0403	C	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0404	C	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0501	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0502	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0505	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHU0801	C/D	•	•	Entertainment Head Unit
	Meriva	2005 - 2010	EHUR10	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0001	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0201	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0202	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0203	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0204	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0205	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0206	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0207	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0208	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0209	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0301	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0302	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0303	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0401	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0402	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0403	C	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0404	C	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0501	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0502	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0505	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHU0801	C/D	•	•	Entertainment Head Unit
	Corsa-D	2006 - 2013	EHUR10	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0001	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0201	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0202	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0203	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0204	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0205	C/D	•	•	Entertainment Head Unit

## Other Continued

OPEL / VAUX	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
	Astra-H	2005 - 2013	EHU0206	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0207	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0208	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0209	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0301	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0302	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0303	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0401	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0402	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0403	C	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0404	C	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0501	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0502	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0505	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHU0801	C/D	•	•	Entertainment Head Unit
	Astra-H	2005 - 2013	EHUR10	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0001	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0201	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0202	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0203	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0204	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0205	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0206	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0207	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0208	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0209	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0301	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0302	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0303	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0401	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0402	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0403	C	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0404	C	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0501	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0502	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0505	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHU0801	C/D	•	•	Entertainment Head Unit
	Vectra-C	2005 - 2010	EHUR10	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0001	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0201	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0202	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0203	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0204	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0205	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0206	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0207	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0208	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0209	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0301	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0302	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0303	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0401	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0402	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0403	C	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0404	C	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0501	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0502	C/D	•	•	Entertainment Head Unit

Key for Special Functions: BB= Brake Bleed, BS= Brake Service, C= Crash Data, CF= Configuration, E= ECU, F= Flammable, I= Injector Coding, O= Oil Reset for DPF, P= Particulate Filter, R= Return, RA= Reset Adaptations, S= Steering Angle Sensor, I= Inertia Body Releam, J= Jumper or Type Sent Auto, \* = Other (see table on page 26) Data grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Other Continued

OPEL / VAUX	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
	Signum	2002 - 2010	UEC	C/D	•		Underhood Electronic Module (UEC)
	Astra-H	2004 - 2013	UEC (With REC fitted)	C/D	•		Underhood Electronic Module (UEC)
	Astra-H	2004 - 2013	UEC (Without REC fitted)	C/D	•		Underhood Electronic Module (UEC)
	Astra-J	2010 - 2013	EBCM with Vehicle Stability System	C/D		R	Wheel Alignment
	Insignia	2009 - 2011	EBCM with Vehicle Stability System	D		R	Wheel Alignment
	Astra-H	2004 - 2013	CIM	C/D			Wheel Alignment
	Astra-J	2010 - 2011	EBCM with Vehicle Stability System	D		R	Wheel Alignment
	Signum	2002 - 2010	CIM	C/D			Wheel Alignment
	Insignia	2009 - 2013	EBCM with Vehicle Stability System	C/D		R	Wheel Alignment
	Zafira-B	2005 - 2013	CIM	C/D			Wheel Alignment
	Vectra-C	2002 - 2010	CIM	C/D			Wheel Alignment
	Zafira-C	2012 - 2013	EBCM with Vehicle Stability System	C/D		R	Wheel Alignment
	Vectra-C/ Signum	2002 - 2010	CIM	C/D			Wheel Alignment
	Signum	2002 - 2010	AHL/AFL	C/D	•		Xenon Lights
	Vectra-C	2002 - 2010	AHL/AFL	C/D	•		Xenon Lights
	Antara	2007 - 2010	AHL	C/D	•		Xenon Lights

### Other Continued

OPEL / VAUX	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
	Zafira-B	2005 - 2011	EHU0505	C/D	•	•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU0801	C/D		•	Entertainment Head Unit
	Zafira-B	2005 - 2011	EHU10	C/D	•	•	Entertainment Head Unit
	Zafira	1999 - 2005	Immobiliser	C/D		•	Immobilizer
	Astra-F	1992 - 2002	Immobiliser	C/D		•	Immobilizer
	Astra-G	1998 - 2009	Immobiliser	C/D		•	Immobilizer
	Combo-C	2000 - 2011	Immobiliser	C/D		•	Immobilizer
	Combo-B	1993 - 2001	Immobiliser	C/D		•	Immobilizer
	Corsa-B	1993 - 2001	Immobiliser	C/D		•	Immobilizer
	Corsa-C	2000 - 2011	Immobiliser	C/D		•	Immobilizer
	Tigra	1995 - 2000	Immobiliser	C/D		•	Immobilizer
	Tigra-B	2004 - 2010	Immobiliser	C/D		•	Immobilizer
	Vectra-B	1996 - 2003	Immobiliser	C/D		•	Immobilizer
	Omega-B	1994 - 2003	Immobiliser	C/D		•	Immobilizer
	Meriva	2003 - 2010	Immobiliser	C/D		•	Immobilizer
	Insignia	2009 - 2013	PACM	C/D	•		Park Assist
	Astra-J	2010 - 2013	PACM	C/D	•		Park Assist
	Zafira-C	2012 - 2013	PACM	C/D	•		Park Assist
	Zafira-C	2012 - 2013	PBM	C/D	•		Parking Brake Module
	Astra-J	2010 - 2013	PBM	C/D	•		Parking Brake Module
	Insignia	2009 - 2013	PBM	C/D	•		Parking Brake Module
	Signum	2002 - 2010	REC	C/D	•		Rear Electronic Module (REC)
	Vectra-C	2002 - 2010	REC	C/D	•		Rear Electronic Module (REC)
	Vivaro Ph3	2011 - 2013	-				Service Interval Reset
	Vivaro	2001 - 2010	-				Service Interval Reset
	Zafira-B	2005 - 2013	-				Service Interval Reset
	Zafira	1999 - 2005	-				Service Interval Reset
	Zafira-C	2012 - 2013	-	C			Service Interval Reset
	Vectra-C	2002 - 2010	-				Service Interval Reset
	Signum	2002 - 2010	-				Service Interval Reset
	Tigra-B	2004 - 2010	-				Service Interval Reset
	Meriva	2003 - 2010	-				Service Interval Reset
	Movano-B	2010 - 2013	-				Service Interval Reset
	Meriva-B	2010 - 2013	-	C			Service Interval Reset
	Corsa-D	2006 - 2013	-				Service Interval Reset
	Insignia	2009 - 2013	-	C			Service Interval Reset
	Astra-J	2010 - 2013	-	C			Service Interval Reset
	Corsa-C	2000 - 2011	-				Service Interval Reset
	Combo-D	2012 - 2013	-	C			Service Interval Reset
	Combo-C	2000 - 2011	-				Service Interval Reset
	Astra-H	2004 - 2013	-				Service Interval Reset
	Astra-G	1998 - 2009	-				Service Interval Reset
	Ampera	2012 - 2013	-	C			Service Interval Reset
	Antara	2007 - 2010	-				Service Interval Reset
	Agila-B	2008 - 2013	-				Service Interval Reset
	Agila	2000 - 2007	-				Service Interval Reset
	Astra-H	2004 - 2013	CIM	C/D	•	*S	Steering Column Module (CIM)
	Signum	2002 - 2010	CIM	C/D	•	*S	Steering Column Module (CIM)
	Zafira-B	2005 - 2013	CIM	C/D	•	*S	Steering Column Module (CIM)
	Vectra-C	2002 - 2010	CIM	C/D	•	*S	Steering Column Module (CIM)
	Vectra-C	2002 - 2010	UEC	C/D	•		Underhood Electronic Module (UEC)
	Zafira-B	2005 - 2013	UEC (With REC fitted)	C/D	•		Underhood Electronic Module (UEC)
	Zafira-B	2005 - 2013	UEC (Without REC fitted)	C/D	•		Underhood Electronic Module (UEC)

196 Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptation's, S- Steering Angle Sensor, I- Inertia Body/Rearm, RA- Type/Inertia or Type Sens Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

PEUGEOT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
1007	2005 - 2007	8HX	1.4L T-Diesel	SIEM. SID804	C/D		
1007	2005 - 2007	8HZ	1.4L T-Diesel	SIEM. SID804	C/D		
1007	2005 - 2007	KFU	1.4L MPI	MM6LP PSA	C/D	•	RA
1007	2005 - 2007	KFV	1.4L MPI	J34P 1	C/D	•	RA
1007	2005 - 2007	KFV	1.4L MPI	J34P 2	C/D	•	RA
1007	2005 - 2007	KFV	1.4L MPI	SAGEM S2000	C/D	•	RA
1007	2005 - 2007	KFW	1.4L MPI	J34P 1	C/D	•	RA
1007	2005 - 2007	KFW	1.4L MPI	J34P 2	C/D	•	RA
1007	2005 - 2007	KFW	1.4L MPI	SAGEM S2000	C/D	•	RA
1007	2005 - 2007	KFW	1.4L MPI	SAGEM S2000 BATT	C/D	•	RA
1007	2005 - 2007	N6A	1.6L MPI	ME7.4.5	C/D	•	RA
1007	2005 - 2007	N6B	1.6L MPI	ME7.4.5	C/D	•	RA
1007	2005 - 2007	NFU	1.6L MPI	ME7.4.4	C/D	•	RA
1007	2005 - 2007	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
1007 Restyle	2006 - 2010	8HX	1.4L T-Diesel	SID 806 DV4	C/D	•	
1007 Restyle	2006 - 2010	8HZ	1.4L T-Diesel	SID 806 DV4	C/D	•	
1007 Restyle	2006 - 2010	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
1007 Restyle	2006 - 2010	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D		RA
1007 Restyle	2006 - 2010	9HZ	1.6L T-Diesel	SIEM. SID802	C/D		
1007 Restyle	2006 - 2010	9HZ	1.6L T-Diesel	SIEM. SID804	C/D		
1007 Restyle	2006 - 2010	KFU	1.4L MPI	MM6LP	C/D	•	RA
1007 Restyle	2006 - 2010	KFV	1.4L MPI	J34P 1	C/D	•	RA
1007 Restyle	2006 - 2010	KFV	1.4L MPI	J34P 2	C/D	•	RA
1007 Restyle	2006 - 2010	KFW	1.4L MPI	J34P 1	C/D	•	RA
1007 Restyle	2006 - 2010	KFW	1.4L MPI	J34P 2	C/D	•	RA
1007 Restyle	2006 - 2010	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
106	1995 - 1997	CDY	1.0L CPI	MA3.0	C/D		
106	1995 - 1997	CDZ	1.0L CPI	MA3.0	C/D		
106	1995 - 1997	HDY	1.1L CPI	MA3.0	C/D		
106	1995 - 1997	HDY	1.1L CPI	MMG6	C/D		
106	1995 - 1997	HDZ	1.1L CPI	MA3.0	C/D		
106	1995 - 1997	HDZ	1.1L CPI	MMG6	C/D		
106	1995 - 1997	KDX	1.4L CPI	MA3.0	C/D		
106	1995 - 1997	KFZ	1.4L MPI	MP3.1	C/D		
106	1995 - 1997	MFZ	1.3L MPI	MM8P	C/D	•	
106	1995 - 1997	NFY	1.6L MPI	MM8P	C/D	•	
106	1995 - 1997	NFZ	1.6L MPI	MP5.1	C/D		
106	1995 - 1997	NFZ	1.6L MPI	MP5.1 RATIO	C/D		
106	1997 - 1997	CDZ	1.0L CPI	MA3.1	C/D		
106 Restyle	1996 - 2002	CDY	1.0L CPI	MA3.1	C/D		
106 Restyle	1996 - 2002	CDZ	1.0L CPI	MA3.1	C/D		
106 Restyle	1996 - 2002	HDY	1.1L CPI	MA3.1	C/D		
106 Restyle	1996 - 2002	HDZ	1.1L CPI	MA3.1	C/D		
106 Restyle	1996 - 2002	KFX	1.4L MPI	MM 1AP	C/D		
106 Restyle	1996 - 2002	KFX	1.4L MPI	MM 1AP 41	C/D		
106 Restyle	1996 - 2002	NFW	1.6L MPI	MM8P	C/D	•	
106 Restyle	1996 - 2002	NFZ	1.6L MPI	MP5.2	C/D		
106 Restyle	1996 - 2002	VJU	1.5L Diesel Bosch	BOSCH AS4	C/D	•	
106 Restyle	1996 - 2003	NFX	1.6L MPI	MM 1AP	C/D		
106 Restyle	1996 - 2003	NFX	1.6L MPI	MM 1AP 41	C/D		
106 Restyle	1996 - 2003	VJX	1.5L Diesel Bosch	BOSCH AS4	C/D	•	
106 Restyle	1997 - 2002	KFX	1.4L MPI	MP7.3	C/D		
106 Restyle	1998 - 2003	NFX	1.6L MPI	MM 4.8P	C/D	•	RA
106 Restyle	2000 - 2003	HFX	1.1L MPI	M7.4.4	C/D	•	RA
106 Restyle	2000 - 2003	HFX	1.1L MPI	MM 4.8P	C/D	•	RA
106 Restyle	2000 - 2003	KFW	1.4L MPI	SAGEM S2000	C/D	•	RA
106 Restyle	2000 - 2003	KFW	1.4L MPI	SAGEM S2000 BATT	C/D	•	RA
106 Restyle	2000 - 2003	NFU	1.6L MPI	ME7.4.4	C/D	•	RA

PEUGEOT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
106 Restyle	2000 - 2003	NFV	1.6L MPI	M7.4.4	C/D	•	RA
107	2005 - 2011	CFA	1.0L MPI	ME7.9.5	C/D	•	
107	2005 - 2013	8HT	1.4L T-Diesel	SID 805	C/D	•	
107	2012 - 2013	CFB	1.0L MPI	ME7.9.5	C/D	•	
2008	2013 - 2013	5FS	1.6L MPI	MEV17.4.2	C/D	•	
2008	2013 - 2013	8HR	1.4L T-Diesel	EDC17C10_BR2	C/D	•	•P
2008	2013 - 2013	9HD	1.6L T-Diesel	SID807_BR2	C/D	•	•P
2008	2013 - 2013	9HP	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
2008	2013 - 2013	HMZ	1.2L MPI	V46	C/D	•	
205	1995 - 1996	BDY	1.6L CPI	MMG5	C/D		
205	1995 - 1996	BDY	1.6L CPI	MMG5-S	C/D		
205	1995 - 1996	BDY	1.6L CPI	MMG6	C/D		
205	1995 - 1996	CDY	1.0L CPI	MA3.0	C/D		
205	1995 - 1996	CDZ	1.0L CPI	MA3.0	C/D		
205	1995 - 1996	HDZ	1.1L CPI	MMG6	C/D		
205	1995 - 1998	KDX	1.4L CPI	MA3.0	C/D		
206	1998 - 2002	CDY	1.0L CPI	MA3.0	C/D		
206	1998 - 2002	CDZ	1.0L CPI	MA3.0	C/D		
206	1998 - 2002	HDY	1.1L CPI	MA3.1	C/D		
206	1998 - 2002	HDZ	1.1L CPI	MA3.1	C/D		
206	1998 - 2002	HFY	1.1L MPI	MM 1AP	C/D		
206	1998 - 2002	HFY	1.1L MPI	MM 1AP 41	C/D		
206	1998 - 2002	HFZ	1.1L MPI	MM 1AP	C/D		
206	1998 - 2002	HFZ	1.1L MPI	MM 1AP 41	C/D		
206	1998 - 2002	KFX	1.4L MPI	MM 1AP	C/D		
206	1998 - 2002	KFX	1.4L MPI	MM 1AP 41	C/D		
206	1998 - 2002	KFX	1.4L MPI	MP7.3	C/D		
206	1998 - 2002	NFW	1.6L MPI	MM8P	C/D	•	
206	1998 - 2002	NFZ	1.6L MPI	MP5.2	C/D		
206	1998 - 2002	NFZ	1.6L MPI	MP7.2	C/D		
206	1998 - 2011	NFU	1.6L MPI	ME7.4.4	C/D	•	RA
206	1998 - 2011	RHY	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
206	1999 - 2003	RFR	2.0L MPI	MM 4.8P	C/D	•	RA
206	1999 - 2011	HFX	1.1L MPI	M7.4.4	C/D	•	RA
206	1999 - 2011	HFX	1.1L MPI	MM 4.8P	C/D	•	RA
206	1999 - 2011	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
206	1999 - 2011	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
206	1999 - 2011	RFN	2.0L MPI	MM6LP PSA	C/D	•	RA
206	1999 - 2011	WJY	1.9L Diesel	LUCAS DCN2	C/D		
206	2000 - 2003	NFT	1.6L MPI	M7.4.4	C/D	•	RA
206	2000 - 2003	NFV	1.6L MPI	M7.4.4	C/D	•	RA
206	2000 - 2011	KFW	1.4L MPI	SAGEM S2000	C/D	•	RA
206	2000 - 2011	KFW	1.4L MPI	SAGEM S2000 BATT	C/D	•	RA
206	2000 - 2011	RHY	2.0L T-Diesel	SIEM. SID801	C/D		
206	2001 - 2011	8HX	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA
206	2001 - 2011	8HX	1.4L T-Diesel	BOSCH EDC16C34	C/D		RA
206	2001 - 2011	8HX	1.4L T-Diesel	SIEM. SID802	C/D		
206	2001 - 2011	8HX	1.4L T-Diesel	SIEM. SID804	C/D		
206	2002 - 2011	8HY	1.4L T-Diesel	DELPHI C6	C/D		•,I
206	2002 - 2011	8HZ	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA
206	2002 - 2011	8HZ	1.4L T-Diesel	BOSCH EDC16C34	C/D		RA
206	2002 - 2011	8HZ	1.4L T-Diesel	SIEM. SID802	C/D		
206	2002 - 2011	8HZ	1.4L T-Diesel	SIEM. SID804	C/D		
206	2002 - 2011	9HX	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
206	2002 - 2011	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D		RA
206	2002 - 2011	9HX	1.6L T-Diesel	SIEM. SID802	C/D		
206	2002 - 2011	9HX	1.6L T-Diesel	SIEM. SID804	C/D		
206	2002 - 2011	9HY	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
206	2002 - 2011	9HY	1.6L T-Diesel	BOSCH EDC16C34	C/D		RA

Key for Special Functions: BB Brake Bleed, BS Brake Service, C: Crash Data, CF Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertia Body Return, Jk: Jumper or Type Sent Auto, \* Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



198 Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- EGR, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, H- Hydraulic or Type Sent Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

PEUGEOT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
206	2002 - 2011	9HY	1.6L T-Diesel	SIEM. SID802	C/D		
206	2002 - 2011	9HY	1.6L T-Diesel	SIEM. SID804	C/D		
206	2002 - 2011	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
206	2002 - 2011	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D		RA
206	2002 - 2011	9HZ	1.6L T-Diesel	SIEM. SID802	C/D		
206	2002 - 2011	9HZ	1.6L T-Diesel	SIEM. SID804	C/D		
206	2004 - 2011	KFU	1.4L MPI	MM6LP PSA	C/D	•	RA
206	2004 - 2011	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
206	2004 - 2011	RFK	2.0L MPI	MM6LP PSA	C/D		
206	2005 - 2011	KFV	1.4L MPI	J34P 1	C/D	•	RA
206	2005 - 2011	KFV	1.4L MPI	J34P 2	C/D	•	RA
206	2005 - 2011	KFV	1.4L MPI	SAGEM S2000	C/D	•	RA
206	2005 - 2011	KFV	1.4L MPI	J34P 1	C/D	•	RA
206	2005 - 2011	KFV	1.4L MPI	J34P 2	C/D	•	RA
207	2006 - 2013	5FX	1.6L MPI	MED17.4	C/D	•	RA
207	2006 - 2013	5FY	1.6L MPI	MED17.4	C/D	•	RA
207	2006 - 2013	8HZ	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
207	2006 - 2013	9HV	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•,E,I
207	2006 - 2013	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
207	2006 - 2013	9HY	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
207	2006 - 2013	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
207	2006 - 2013	KFU	1.4L MPI	MM6LP	C/D	•	RA
207	2006 - 2013	KFV	1.4L MPI	J34P 1	C/D	•	RA
207	2006 - 2013	KFV	1.4L MPI	J34P 2	C/D	•	RA
207	2006 - 2013	N6A	1.6L MPI	ME7.4.5	C/D	•	RA
207	2006 - 2013	N6B	1.6L MPI	ME7.4.5	C/D	•	RA
207	2006 - 2013	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
207	2007 - 2013	5FW	1.6L MPI	MEV17.4	C/D	•	RA
207	2007 - 2013	8FS	1.4L MPI VTI	MEV17.4	C/D	•	RA
207	2008 - 2013	5FS	1.6L MPI	MEV17.4	C/D	•	RA
207	2008 - 2013	9HR	1.6L T-Diesel	SID807	C/D	•	•P
207	2008 - 2013	9HT	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•,E,I
207	2008 - 2013	KFT	1.4L MPI	V34.1	C/D	•	RA
207	2010 - 2013	8HR	1.4L T-Diesel	EDC17C10	C/D	•	•P
207	2010 - 2013	8HR	1.4L T-Diesel	EDC17C10_BR2	C/D	•	•P
207	2011 - 2013	9HP	1.6L T-Diesel	EDC17C10	C/D	•	•P
207	2011 - 2013	9HP	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
208	2012 - 2013	5FE	1.6L MPI	MED17.4	C/D	•	RA
208	2012 - 2013	5FL	1.6L MPI	MEV17.4.2	C/D	•	
208	2012 - 2013	5FM	1.6L MPI	MED17.4	C/D	•	RA
208	2012 - 2013	5FN	1.6L MPI	MED17_4_2	C/D	•	
208	2012 - 2013	5FS	1.6L MPI	MEV17.4.2	C/D	•	
208	2012 - 2013	5FV	1.6L MPI	MED17_4_2	C/D	•	
208	2012 - 2013	8FP	1.4L MPI VTI	MEV17.4.2	C/D	•	
208	2012 - 2013	8HP	1.4L T-Diesel	EDC17C10_BR2	C/D	•	•P
208	2012 - 2013	8HR	1.4L T-Diesel	EDC17C10_BR2	C/D	•	•P
208	2012 - 2013	9HF	1.6L T-Diesel	EDC17C10	C/D	•	•P
208	2012 - 2013	9HJ	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
208	2012 - 2013	9HK	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
208	2012 - 2013	9HL	1.6L T-Diesel	SID807_BR2	C/D	•	•P
208	2012 - 2013	9HP	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
208	2012 - 2013	9HR	1.6L T-Diesel	SID807_BR2	C/D	•	•P
208	2012 - 2013	HMX	1.2L MPI	V46	C/D	•	
208	2012 - 2013	HMZ	1.2L MPI	V46	C/D	•	
208	2012 - 2013	N6A	1.6L MPI	MEV17.4.2	C/D	•	
208	2012 - 2013	N6B	1.6L MPI	ME7.4.5	C/D	•	RA
208	2012 - 2013	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
208	2012 - 2013	RHD	2.0L T-Diesel	EDC17C10	C/D	•	•P

PEUGEOT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
208	2012 - 2013	RHE	2.0L T-Diesel	EDC17C10	C/D	•	•P
208	2012 - 2013	RHH	2.0L T-Diesel	EDC17C10	C/D	•	•P
3008	2009 - 2013	5FS	1.6L MPI	MED17.4	C/D	•	RA
3008	2009 - 2013	5FV	1.6L MPI	MED17.4	C/D	•	RA
3008	2009 - 2013	5FW	1.6L MPI	MEV17.4	C/D	•	RA
3008	2009 - 2013	5FX	1.6L MPI	MED17.4	C/D	•	RA
3008	2009 - 2013	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
3008	2009 - 2013	RHE	2.0L T-Diesel	DCM3.5	C/D	•	•P
3008	2009 - 2013	RHH	2.0L T-Diesel	DCM3.5	C/D	•	•P
3008	2009 - 2013	RHR	2.0L T-Diesel	DCM3.5	C/D	•	•P
3008	2010 - 2013	5FM	1.6L MPI	MED17.4	C/D	•	RA
3008	2010 - 2013	9HD	1.6L T-Diesel	SID807_BR2	C/D	•	•P
3008	2010 - 2013	9HL	1.6L T-Diesel	SID807	C/D	•	•P
3008	2010 - 2013	9HR	1.6L T-Diesel	SID807	C/D	•	•P
3008	2010 - 2013	9HR	1.6L T-Diesel	SID807_BR2	C/D	•	•P
3008	2013 - 2013	9HL	1.6L T-Diesel	SID807_BR2	C/D	•	•P
306	1995 - 1997	HDY	1.1L CPI	MA3.0	C/D		
306	1995 - 1997	HDY	1.1L CPI	MA3.1	C/D		
306	1995 - 1997	HDY	1.1L CPI	MMG6	C/D		
306	1995 - 1997	HDZ	1.1L CPI	MA3.0	C/D		
306	1995 - 1997	HDZ	1.1L CPI	MA3.1	C/D		
306	1995 - 1997	HDZ	1.1L CPI	MMG6	C/D		
306	1995 - 1997	KDX	1.4L CPI	MA3.0	C/D		
306	1995 - 1997	KDX	1.4L CPI	MMG6	C/D		
306	1995 - 1997	L6A	1.8L MPI	MM8P	C/D	•	
306	1995 - 1997	LFZ	1.8L MPI	MM8P	C/D	•	
306	1995 - 1997	NFZ	1.6L MPI	MP5.1	C/D		
306	1995 - 1997	NFZ	1.6L MPI	MP5.1 RATIO	C/D		
306	1995 - 1997	NFZ	1.6L MPI	MP5.2	C/D		
306	1995 - 1997	R6D	2.0L MPI	MM8P	C/D	•	
306	1995 - 1997	RFT	2.0L MPI	MP3.2	C/D		
306	1995 - 1997	RFX	2.0L MPI	MM8P	C/D	•	
306	1995 - 1997	RFY	2.0L MPI	MP3.2	C/D		
306	1996 - 1997	KFX	1.4L MPI	MM 1AP	C/D		
306	1996 - 1997	KFX	1.4L MPI	MM 1AP 41	C/D		
306	1996 - 1997	KFX	1.4L MPI	SAGEM SL96	C/D		
306	1996 - 1997	RFS	2.0L MPI	MM 1AP	C/D		
306 Restyle	1997 - 2000	RFY	2.0L MPI	MP3.2	C/D		
306 Restyle	1997 - 2002	DHV	1.9L T-Diesel	AS3.1	C/D	•	
306 Restyle	1997 - 2002	KFX	1.4L MPI	MM 1AP	C/D		
306 Restyle	1997 - 2002	KFX	1.4L MPI	MM 1AP 41	C/D		
306 Restyle	1997 - 2002	KFX	1.4L MPI	MP7.3	C/D		
306 Restyle	1997 - 2002	KFX	1.4L MPI	SAGEM S2000	C/D	•	RA
306 Restyle	1997 - 2002	KFX	1.4L MPI	SAGEM S2000 BATT	C/D	•	RA
306 Restyle	1997 - 2002	KFX	1.4L MPI	SAGEM SL96	C/D		
306 Restyle	1997 - 2002	L6A	1.8L MPI	MM8P	C/D	•	
306 Restyle	1997 - 2002	LFZ	1.8L MPI	MM8P	C/D	•	
306 Restyle	1997 - 2002	NFZ	1.6L MPI	MP5.2	C/D		
306 Restyle	1997 - 2002	NFZ	1.6L MPI	MP7.2	C/D		
306 Restyle	1997 - 2002	R6E	2.0L MPI	MP5.2	C/D		
306 Restyle	1997 - 2002	RFS	2.0L MPI	MM 1AP	C/D		
306 Restyle	1997 - 2002	RFV	2.0L MPI	MP5.2	C/D		
306 Restyle	1997 - 2003	LFY	1.8L MPI	MP7.3	C/D		
306 Restyle	1997 - 2003	LFY	1.8L MPI	SAGEM SL96	C/D		
306 Restyle	1998 - 1998	RFT	2.0L MPI	MP3.2	C/D		
306 Restyle	1998 - 2003	RHY	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
306 Restyle	2000 - 2002	DHY	1.9L T-Diesel	AS3.1	C/D	•	
306 Restyle	2000 - 2002	WJY	1.9L Diesel	LUCAS DCN2	C/D		
306 Restyle	2000 - 2003	KFW	1.4L MPI	SAGEM S2000	C/D	•	RA

# Engine Management Applications

PEUGEOT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
306 Restyle	2000 - 2003	KFW	1.4L MPI	SAGEM S2000 BATT	C/D	•	RA
306 Restyle	2000 - 2003	NFT	1.6L MPI	M7.4.4	C/D	•	RA
306 Restyle	2000 - 2003	NFU	1.6L MPI	ME7.4.4	C/D	•	RA
306 Restyle	2000 - 2003	NFV	1.6L MPI	M7.4.4	C/D	•	RA
306 Restyle	2000 - 2003	RHY	2.0L T-Diesel	SIEM. SID801	C/D		
306 Restyle	2002 - 2002	A9A	1.8L Diesel	MP7.3	C/D		
306 Restyle	2002 - 2002	A9A	1.8L Diesel	SAGEM SL96	C/D		
306 Restyle	2002 - 2002	D8B	1.9L T-Diesel	AS3.1	C/D	•	
306 Restyle	2002 - 2002	DJY	1.9L Diesel	MM8P	C/D	•	
306 Restyle	2002 - 2002	WJZ	1.9L Diesel	LUCAS DCN2	C/D		
307	2001 - 2003	NFT	1.6L MPI	M7.4.4	C/D	•	RA
307	2001 - 2006	8HZ	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA
307	2001 - 2006	8HZ	1.4L T-Diesel	BOSCH EDC16C34	C/D		RA
307	2001 - 2006	8HZ	1.4L T-Diesel	SIEM. SID802	C/D		
307	2001 - 2006	8HZ	1.4L T-Diesel	SIEM. SID804	C/D		
307	2001 - 2006	KFW	1.4L MPI	SAGEM S2000	C/D	•	RA
307	2001 - 2006	KFW	1.4L MPI	SAGEM S2000 BATT	C/D	•	RA
307	2001 - 2006	NFU	1.6L MPI	ME7.4.4	C/D	•	RA
307	2001 - 2006	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
307	2001 - 2006	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
307	2001 - 2006	RFN	2.0L MPI	MM6LP PSA	C/D		
307	2001 - 2006	RHL	2.0L T-Diesel	SIEM.SID803	C/D	•	•,E,I
307	2001 - 2006	RHR	2.0L T-Diesel	SIEM.SID803	C/D	•	•,E,I
307	2001 - 2006	RHY	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
307	2001 - 2006	RHY	2.0L T-Diesel	SIEM. SID801	C/D		
307	2001 - 2006	RHZ	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
307	2001 - 2006	RHZ	2.0L T-Diesel	SIEM. SID801	C/D		
307	2002 - 2004	RHS	2.0L T-Diesel	BOSCH EDC15C2	C/D	•	•
307	2002 - 2006	8HX	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA
307	2002 - 2006	8HX	1.4L T-Diesel	BOSCH EDC16C34	C/D		RA
307	2002 - 2006	8HX	1.4L T-Diesel	SIEM. SID802	C/D		
307	2002 - 2006	8HX	1.4L T-Diesel	SIEM. SID804	C/D		
307	2002 - 2006	8HY	1.4L T-Diesel	DELPHI C6	C/D		•,I
307	2002 - 2006	9HX	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
307	2002 - 2006	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D		RA
307	2002 - 2006	9HX	1.6L T-Diesel	SIEM. SID802	C/D		
307	2002 - 2006	9HX	1.6L T-Diesel	SIEM. SID804	C/D		
307	2002 - 2006	9HY	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
307	2002 - 2006	9HY	1.6L T-Diesel	BOSCH EDC16C34	C/D		RA
307	2002 - 2006	9HY	1.6L T-Diesel	SIEM. SID802	C/D		
307	2002 - 2006	9HY	1.6L T-Diesel	SIEM. SID804	C/D		
307	2002 - 2006	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
307	2002 - 2006	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D		RA
307	2002 - 2006	9HZ	1.6L T-Diesel	SIEM. SID802	C/D		
307	2002 - 2006	9HZ	1.6L T-Diesel	SIEM. SID804	C/D		
307	2002 - 2006	RHS	2.0L T-Diesel	SIEM. SID801	C/D		
307	2004 - 2006	KFU	1.4L MPI	MM 4.8P	C/D	•	RA
307	2004 - 2006	KFU	1.4L MPI	MM 4.MP	C/D	•	RA
307	2004 - 2006	KFU	1.4L MPI	MM6LP PSA	C/D	•	RA
307	2004 - 2006	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
307	2004 - 2006	RFK	2.0L MPI	MM6LP PSA	C/D		
307	2005 - 2006	RHS	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
307 Restyle	2005 - 2009	6FY	1.8L MPI	MM6LPB	C/D	•	RA
307 Restyle	2005 - 2009	9HV	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
307 Restyle	2005 - 2009	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
307 Restyle	2005 - 2009	9HY	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
307 Restyle	2005 - 2009	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	•,E,I
307 Restyle	2005 - 2009	KFU	1.4L MPI	MM6LP	C/D	•	RA
307 Restyle	2005 - 2009	N6A	1.6L MPI	ME7.4.5	C/D	•	RA

PEUGEOT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
307 Restyle	2005 - 2009	NFS	1.6L MPI	ME7.4.5	C/D	•	RA
307 Restyle	2005 - 2009	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
307 Restyle	2005 - 2009	RFJ	2.0L MPI	MM6LPB	C/D	•	RA
307 Restyle	2005 - 2009	RFK	2.0L MPI	MM6LP	C/D	•	RA
307 Restyle	2005 - 2009	RFN	2.0L MPI	MM6LP	C/D	•	RA
307 Restyle	2005 - 2009	RHL	2.0L T-Diesel	SIEM.SID803	C/D	•	•,E,I
307 Restyle	2005 - 2009	RHR	2.0L T-Diesel	DCM3.4	C/D	•	•
307 Restyle	2005 - 2009	RHR	2.0L T-Diesel	SIEM. SID803A	C/D	•	•
307 Restyle	2005 - 2009	RHR	2.0L T-Diesel	SIEM.SID803	C/D	•	•,E,I
308	2007 - 2013	5FT	1.6L MPI	MED17.4	C/D	•	RA
308	2007 - 2013	5FW	1.6L MPI	MEV17.4	C/D	•	RA
308	2007 - 2013	5FX	1.6L MPI	MED17.4	C/D	•	RA
308	2007 - 2013	5FY	1.6L MPI	MED17.4	C/D	•	RA
308	2007 - 2013	8FS	1.4L MPI VTI	MEV17.4	C/D	•	RA
308	2007 - 2013	9HV	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•,E,I
308	2007 - 2013	9HX	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•,E,I
308	2007 - 2013	9HY	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•,E,I
308	2007 - 2013	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•,E,I
308	2007 - 2013	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
308	2007 - 2013	RFJ	2.0L MPI	MM6LPB	C/D	•	RA
308	2007 - 2013	RHE	2.0L T-Diesel	DCM3.5	C/D	•	•P
308	2007 - 2013	RHH	2.0L T-Diesel	DCM3.5	C/D	•	•P
308	2008 - 2008	RHR	2.0L T-Diesel	DCM3.4	C/D	•	•
308	2008 - 2008	RHR	2.0L T-Diesel	SIEM. SID803A	C/D	•	•
308	2010 - 2013	9HG	1.6L T-Diesel	SID807_BR2	C/D	•	•P
308	2010 - 2013	9HR	1.6L T-Diesel	SID807	C/D	•	•P
308	2011 - 2013	9HP	1.6L T-Diesel	EDC17C10	C/D	•	•P
308	2011 - 2013	9HP	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
4007	2007 - 2013	4HN	2.2L T-Diesel	EDC16CP39	C/D	•	•,E,I
4007	2007 - 2013	SFZ	2.4L MPI	MIVEC	C/D	•	
4008	2013 - 2013		1.8L MPI	MIVEC	C/D	•	
4008	2013 - 2013	6HZ	1.8L T-Diesel	HDI_4N13	C/D	•	
4008	2013 - 2013	9HD	1.6L T-Diesel	HDI_SID807	C/D	•	•
4008	2013 - 2013	AFY	2.0L MPI	MIVEC	C/D	•	
4008	2013 - 2013	AFZ	2.0L MPI	MIVEC	C/D	•	
4008	2013 - 2013	NKZ	1.6L MPI	CMM_4A92	C/D	•	
4008	2013 - 2013	SFY	2.4L MPI	MIVEC	C/D	•	
4008	2013 - 2013	SFZ	2.4L MPI	MIVEC	C/D	•	
405	1995 - 1996	BDY	1.6L CPI	MMG5	C/D		
405	1995 - 1996	BDY	1.6L CPI	MMG5-S	C/D		
405	1995 - 1996	BDY	1.6L CPI	MMG6	C/D		
405	1995 - 1996	BFZ	1.6L MPI	MM8P	C/D	•	
405	1995 - 1996	BFZ	1.6L MPI	SAGEM 4GJ	C/D		
405	1995 - 1996	D6E	1.9L MPI	MP3.1	C/D		
405	1995 - 1996	KDX	1.4L CPI	MA3.0	C/D		
405	1995 - 1996	L6A	1.8L MPI	MM8P	C/D	•	
405	1995 - 1996	LFZ	1.8L MPI	MM8P	C/D	•	
405	1995 - 1996	LFZ	1.8L MPI	MP5.1	C/D		
405	1995 - 1996	LFZ	1.8L MPI	MP5.1 RATIO	C/D		
405	1995 - 1996	R6D	2.0L MPI	MM8P	C/D	•	
405	1995 - 1996	RFT	2.0L MPI	MP3.2	C/D		
405	1995 - 1996	RFY	2.0L MPI	MM8P	C/D	•	
405	1995 - 1996	RFY	2.0L MPI	MP3.2	C/D		
405	1995 - 1996	RGZ	2.0L 16V Turbo MPI	MM AP	C/D		
406	1995 - 1997	LFY	1.8L MPI	MP5.1.1	C/D		
406	1995 - 1997	LFZ	1.8L MPI	MM8P	C/D	•	
406	1995 - 1997	R6D	2.0L MPI	MM8P	C/D	•	
406	1995 - 1997	RFV	2.0L MPI	MP5.1.1	C/D		
406	1995 - 1997	RFX	2.0L MPI	MM8P	C/D	•	

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertia Body Return, A: Type of Air, \* : Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

PEUGEOT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
406	1995 - 1997	RFY	2.0L MPI	MP3.2	C/D		
406	1995 - 2000	BFZ	1.6L MPI	MM8P	C/D	•	
406	1995 - 2000	L6A	1.8L MPI	MM8P	C/D	•	
406	1995 - 2000	P8C	2.1L 12V T-Diesel	EPIC J5	C/D		
406	1995 - 2000	P8C	2.1L 12V T-Diesel	EPIC J5 AFL	C/D		
406	1995 - 2000	RGX	2.0L Turbo MPI	MP3.2	C/D		
406	1995 - 2002	DHX	1.9L T-Diesel	AS3.1	C/D	•	
406	1995 - 2002	L6B	1.8L MPI	MM8P	C/D	•	
406	1995 - 2002	LFW	1.8L MPI	MM8P	C/D	•	
406	1995 - 2002	LFX	1.8L MPI	MM 1AP	C/D		
406	1995 - 2002	LFX	1.8L MPI	MM 1AP 41	C/D		
406	1995 - 2002	LFY	1.8L MPI	SAGEM SL96	C/D		
406	1995 - 2002	R6E	2.0L MPI	MP5.2	C/D		
406	1995 - 2002	RFT	2.0L MPI	MP3.2	C/D		
406	1995 - 2002	RFU	2.0L MPI	MM8P	C/D	•	
406	1995 - 2002	RFV	2.0L MPI	MP5.2	C/D		
406	1996 - 2002	RFS	2.0L MPI	MM 1AP	C/D		
406	1996 - 2002	RFS	2.0L MPI	SAGEM SL96	C/D		
406	1997 - 1997	DHX	1.9L T-Diesel Bosch	AS3.1	C/D	•	
406	1997 - 2002	XFZ	3.0L 24V MPI	MP7.0	C/D		
406	1998 - 2000	LFY	1.8L MPI	MP5.2	C/D		
406	1998 - 2002	LFY	1.8L MPI	MP7.3	C/D		
406	1998 - 2004	RHY	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
406	1998 - 2004	RHZ	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
406	1999 - 2004	6FZ	1.8L MPI	SAGEM S2000	C/D	•	RA
406	1999 - 2004	6FZ	1.8L MPI	SAGEM S2000 BATT	C/D	•	RA
406	1999 - 2004	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
406	1999 - 2004	RFR	2.0L MPI	MM 4.8P	C/D	•	RA
406	2000 - 2004	3FZ	2.2L MPI	MM 4_MP	C/D	•	RA
406	2000 - 2004	RHS	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
406	2000 - 2004	XFX	3.0L 24V MPI	ME7.4.6	C/D	•	
406	2001 - 2004	4HX	2.2L T-Diesel	BOSCH EDC15	C/D	•	•
406	2001 - 2004	4HX	2.2L T-Diesel	SIEM. SID801	C/D		
406	2001 - 2004	RFN	2.0L MPI	MM 4_MP	C/D	•	RA
406	2001 - 2004	RFN	2.0L MPI	MM6LP PSA	C/D		
406	2001 - 2004	RHY	2.0L T-Diesel	SIEM. SID801	C/D		
406	2001 - 2004	RHZ	2.0L T-Diesel	SIEM. SID801	C/D		
406	2001 - 2004	RLZ	2.0L 16V MPDI	SIRIUS 81	C/D	•	
406	2003 - 2004	RHS	2.0L T-Diesel	SIEM. SID801	C/D		
407	2004 - 2005	6FZ	1.8L MPI	S2000PM1	C/D	•	RA
407	2004 - 2005	6FZ	1.8L MPI	SAGEM S2000	C/D	•	RA
407	2004 - 2005	6FZ	1.8L MPI	SAGEM S2000 BATT	C/D	•	RA
407	2004 - 2010	3FY	2.2L MPI	MM6LPB	C/D	•	RA
407	2004 - 2010	3FZ	2.2L MPI	MM6LP PSA	C/D	•	RA
407	2004 - 2010	4HP	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
407	2004 - 2010	4HR	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
407	2004 - 2010	4HS	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
407	2004 - 2010	4HT	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
407	2004 - 2010	6FY	1.8L MPI	MM6LPB	C/D	•	RA
407	2004 - 2010	9HY	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•,E,I
407	2004 - 2010	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•,E,I
407	2004 - 2010	RFJ	2.0L MPI	MM6LPB	C/D	•	RA
407	2004 - 2010	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
407	2004 - 2010	RFN	2.0L MPI	MM 4_MP	C/D	•	RA
407	2004 - 2010	RFN	2.0L MPI	MM6LP PSA	C/D		
407	2004 - 2010	RHL	2.0L T-Diesel	SIEM. SID803	C/D	•	•,E,I
407	2004 - 2010	RHR	2.0L T-Diesel	SIEM. SID803	C/D	•	•,E,I
407	2004 - 2010	UHZ	2.7L T-Diesel	SID 201	C/D	•	•,E,I

PEUGEOT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
407	2004 - 2010	XFV	3.0L 24V MPI	ME7.4.7	C/D	•	RA
407	2005 - 2010	6FZ	1.8L MPI	SAGEM S2000PM2	C/D		
407	2006 - 2008	RHL	2.0L T-Diesel	DCM3.4	C/D	•	•
407	2006 - 2010	RHL	2.0L T-Diesel	SIEM. SID803A	C/D	•	•
407	2006 - 2010	RHR	2.0L T-Diesel	DCM3.4	C/D	•	•
407	2006 - 2010	RHR	2.0L T-Diesel	SIEM. SID803A	C/D	•	•
407	2009 - 2009	RHF	2.0L T-Diesel	BSM	C/D	•	
407	2009 - 2009	RHF	2.0L T-Diesel	DCM3.4	C/D	•	•
407	2010 - 2010	RHH	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•P
5008	2010 - 2013	5F5	1.6L MPI	MEV17.4	C/D	•	RA
5008	2010 - 2013	5FV	1.6L MPI	MED17.4	C/D	•	RA
5008	2010 - 2013	5FW	1.6L MPI	MEV17.4	C/D	•	RA
5008	2010 - 2013	5FX	1.6L MPI	MED17.4	C/D	•	RA
5008	2010 - 2013	9HL	1.6L T-Diesel	SID807	C/D	•	•P
5008	2010 - 2013	9HL	1.6L T-Diesel	SID807_BR2	C/D	•	•P
5008	2010 - 2013	9HR	1.6L T-Diesel	SID807	C/D	•	•P
5008	2010 - 2013	9HR	1.6L T-Diesel	SID807_BR2	C/D	•	•P
5008	2010 - 2013	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•,E,I
5008	2010 - 2013	RHE	2.0L T-Diesel	DCM3.5	C/D	•	•P
5008	2010 - 2013	RHE	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•P
5008	2010 - 2013	RHH	2.0L T-Diesel	DCM3.5	C/D	•	•P
5008	2011 - 2013	9HD	1.6L T-Diesel	SID807_BR2	C/D	•	•P
5008	2013 - 2013	RHH	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•P
508	2010 - 2011	9HL	1.6L T-Diesel	BSM_2010	C/D	•	
508	2010 - 2011	9HL	1.6L T-Diesel	SID807_BR2	C/D	•	•P
508	2010 - 2013	4HL	2.2L T-Diesel	BSM_2010	C/D	•	
508	2010 - 2013	4HL	2.2L T-Diesel	EDC17CP42	C/D	•	•P
508	2010 - 2013	4HT	2.2L T-Diesel	BSM_2010	C/D	•	
508	2010 - 2013	4HT	2.2L T-Diesel	EDC17CP42	C/D	•	•P
508	2010 - 2013	5FC	1.6L MPI	BSM_2010	C/D	•	
508	2010 - 2013	5FC	1.6L MPI	MED17_4_2	C/D	•	RA
508	2010 - 2013	5FE	1.6L MPI	BSM_2010	C/D	•	
508	2010 - 2013	5FE	1.6L MPI	MED17_4_2	C/D	•	RA
508	2010 - 2013	5FN	1.6L MPI	BSM_2010	C/D	•	
508	2010 - 2013	5FN	1.6L MPI	MED17_4_2	C/D	•	RA
508	2010 - 2013	5FS	1.6L MPI	BSM_2010	C/D	•	
508	2010 - 2013	5FS	1.6L MPI	MEV17.4.2	C/D	•	RA
508	2010 - 2013	5FV	1.6L MPI	BSM_2010	C/D	•	
508	2010 - 2013	5FV	1.6L MPI	MED17_4_2	C/D	•	RA
508	2010 - 2013	9HR	1.6L T-Diesel	BSM_2010	C/D	•	
508	2010 - 2013	9HR	1.6L T-Diesel	SID807_BR2	C/D	•	•P
508	2010 - 2013	RFH	2.0L MPI	BSM_2010	C/D	•	
508	2010 - 2013	RFH	2.0L MPI	MM6KP	C/D	•	RA
508	2010 - 2013	RFJ	2.0L MPI	BSM_2010	C/D	•	
508	2010 - 2013	RFJ	2.0L MPI	MM6KP	C/D	•	RA
508	2010 - 2013	RHD	2.0L T-Diesel	BSM_2010	C/D	•	
508	2010 - 2013	RHD	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•P
508	2010 - 2013	RHE	2.0L T-Diesel	BSM_2010	C/D	•	
508	2010 - 2013	RHE	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•P
508	2010 - 2013	RHF	2.0L T-Diesel	BSM_2010	C/D	•	
508	2010 - 2013	RHF	2.0L T-Diesel	DCM3.4_P	C/D	•	•
508	2010 - 2013	RHH	2.0L T-Diesel	BSM_2010	C/D	•	
508	2010 - 2013	RHH	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•P
508	2010 - 2013	RHR	2.0L T-Diesel	BSM_2010	C/D	•	
508	2010 - 2013	RHR	2.0L T-Diesel	DCM3.4_P	C/D	•	•
508	2012 - 2013	9HD	1.6L T-Diesel	BSM_2010	C/D	•	
508	2012 - 2013	9HD	1.6L T-Diesel	SID807_BR2	C/D	•	•P
605	1995 - 1996	UFZ	3.0L MPI	FENIX 3B	C/D		

Key for Special Functions: BB- Brake Bleed, BSS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, A- Airtype/uror/Type-Sent Auto, \*- Other (see table on page 262) Data grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

PEUGEOT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
605	1995 - 1997	R6A	2.0L MPI	MMG5	C/D		
605	1995 - 1997	R6A	2.0L MPI	MMG5-S	C/D		
605	1995 - 2000	P8C	2.1L 12V T-Diesel	EPIC J5	C/D		
605	1995 - 2000	P8C	2.1L 12V T-Diesel	EPIC J5 AFL	C/D		
605	1995 - 2000	RFV	2.0L MPI	MP5.1.1	C/D		
605	1995 - 2000	RFV	2.0L MPI	MP5.2	C/D		
605	1995 - 2000	RGX	2.0L Turbo MPI	MP3.2	C/D		
605	1996 - 2000	THY	2.5L T-Diesel	MSA11 3.6	C/D		
605	1996 - 2000	THY	2.5L T-Diesel	MSA11 7.6	C/D		
605	1997 - 2000	XFZ	3.0L 24V MPI	MP7.0	C/D		
605	1998 - 2000	R6E	2.0L MPI	MP5.2	C/D		
607	2000 - 2003	RFR	2.0L MPI	MM 4.8P	C/D	•	RA
607	2000 - 2005	3FZ	2.2L MPI	MM 4.MP	C/D	•	RA
607	2000 - 2005	4HX	2.2L T-Diesel	BOSCH EDC15	C/D	•	•
607	2000 - 2005	4HX	2.2L T-Diesel	SIEM. SID801	C/D		
607	2000 - 2005	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
607	2000 - 2005	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
607	2000 - 2005	RFN	2.0L MPI	MM6LP PSA	C/D	•	RA
607	2000 - 2005	RHZ	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
607	2000 - 2005	RHZ	2.0L T-Diesel	SIEM. SID801	C/D		
607	2000 - 2005	XFX	3.0L 24V MPI	ME7.4.6	C/D	•	
607	2002 - 2005	RHS	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
607	2002 - 2005	RHS	2.0L T-Diesel	SIEM. SID801	C/D		
607 Restyle	2005 - 2010	3FY	2.2L MPI	MM6LPB	C/D	•	RA
607 Restyle	2005 - 2010	3FZ	2.2L MPI	MM 4.MP	C/D	•	RA
607 Restyle	2005 - 2010	4HP	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
607 Restyle	2005 - 2010	4HR	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
607 Restyle	2005 - 2010	4HS	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
607 Restyle	2005 - 2010	4HT	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
607 Restyle	2005 - 2010	4HX	2.2L T-Diesel	BOSCH EDC15	C/D	•	•
607 Restyle	2005 - 2010	4HX	2.2L T-Diesel	SIEM. SID801	C/D		
607 Restyle	2005 - 2010	RHL	2.0L T-Diesel	SIEM. SID803A	C/D	•	•
607 Restyle	2005 - 2010	RHR	2.0L T-Diesel	SIEM. SID803A	C/D	•	•
607 Restyle	2005 - 2010	RHS	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
607 Restyle	2005 - 2010	RHS	2.0L T-Diesel	SIEM. SID801	C/D		
607 Restyle	2005 - 2010	UHZ	2.7L T-Diesel	SID 201	C/D	•	•,E,I
607 Restyle	2005 - 2010	XFV	3.0L 24V MPI	ME7.4.7	C/D	•	RA
806	1995 - 2000	P8C	2.1L 12V T-Diesel	EPIC J5	C/D		
806	1995 - 2000	P8C	2.1L 12V T-Diesel	EPIC J5 AFL	C/D		
806	1995 - 2001	LFW	1.8L MPI	MM8P	C/D	•	
806	1995 - 2001	RFU	2.0L MPI	MM8P	C/D	•	
806	1995 - 2001	RGX	2.0L Turbo MPI	MP3.2	C/D		
806	1997 - 2002	DHX	1.9L T-Diesel	AS3.1	C/D	•	
806	1998 - 2001	RFV	2.0L MPI	MP7.3	C/D		
806	1998 - 2002	RHZ	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
806	1998 - 2002	RHZ	2.0L T-Diesel	SIEM. SID801	C/D		
806	1999 - 2002	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
806	1999 - 2002	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
806	2000 - 2002	RHW	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
806	2000 - 2002	RHW	2.0L T-Diesel	SIEM. SID801	C/D		
806	2000 - 2002	WJY	1.9L Diesel	LUCAS DCN2	C/D		
807	2002 - 2003	RHZ	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
807	2002 - 2005	3FZ	2.2L MPI	MM 4.MP	C/D	•	RA
807	2002 - 2005	4HW	2.2L T-Diesel	BOSCH EDC15	C/D	•	•
807	2002 - 2005	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
807	2002 - 2005	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
807	2002 - 2005	RFN	2.0L MPI	MM6LP PSA	C/D		
807	2002 - 2005	RHT	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
807	2002 - 2005	RHW	2.0L T-Diesel	BOSCH EDC15	C/D	•	•

PEUGEOT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
807	2002 - 2005	XFX	3.0L 24V MPI	ME7.4.6	C/D	•	
807	2003 - 2003	RHZ	2.0L T-Diesel	SIEM. SID801	C/D		
807	2003 - 2005	XFW	3.0L 24V MPI	ME7.4.6	C/D		
807 Restyle	2005 - 2006	RHL	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
807 Restyle	2005 - 2013	4HW	2.2L T-Diesel	BOSCH EDC15	C/D	•	•
807 Restyle	2005 - 2013	RFJ	2.0L MPI	MM6LPB	C/D	•	RA
807 Restyle	2005 - 2013	RHK	2.0L T-Diesel	SIEM.SID803	C/D	•	•,E,I
807 Restyle	2005 - 2013	RHM	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
807 Restyle	2005 - 2013	RHR	2.0L T-Diesel	SIEM.SID803	C/D	•	•,E,I
807 Restyle	2005 - 2013	RHW	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
807 Restyle	2005 - 2013	RHK	2.0L T-Diesel	SIEM. SID803A	C/D	•	•
807 Restyle	2007 - 2013	RHL	2.0L T-Diesel	SIEM. SID803A	C/D	•	•
807 Restyle	2007 - 2013	RHL	2.0L T-Diesel	SIEM.SID803	C/D	•	•,E,I
807 Restyle	2007 - 2013	RHR	2.0L T-Diesel	SIEM. SID803A	C/D	•	•
807 Restyle	2009 - 2013	4HS	2.2L T-Diesel	BOSCH EDC16CP39	C/D		•
Bipper	2008 - 2013	8HS	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	
Bipper	2008 - 2013	KFV	1.4L MPI	TU3 PSA	C/D	•	RA
Bipper	2010 - 2013	FHZ	1.3L HDI	MARELLI 6F3	C/D	•	•,I,P
Bipper	2010 - 2013	FHZ	1.3L HDI	Marelli 8DF CF5/EOBD	C/D	•	
Boxer	1995 - 1996	RFW	2.0L MPI	MM8P	C/D	•	
Boxer	1995 - 1997	R6D	2.0L MPI	MM8P	C/D	•	
Boxer	1995 - 1997	RFT	2.0L MPI	MP3.2	C/D		
Boxer	1995 - 1997	RFX	2.0L MPI	MM8P	C/D	•	
Boxer	1995 - 1997	RFY	2.0L MPI	MP3.2	C/D		
Boxer	1995 - 2001	R6E	2.0L MPI	MP5.2	C/D		
Boxer	1995 - 2001	RFU	2.0L MPI	MM8P	C/D	•	
Boxer	1995 - 2001	RFV	2.0L MPI	MP5.1.1	C/D		
Boxer	1995 - 2001	RFV	2.0L MPI	MP5.2	C/D		
Boxer	1995 - 2001	RGX	2.0L Turbo MPI	MP3.2	C/D		
Boxer	1995 - 2001	RHV	2.0L T-Diesel	EDC15C7	C/D	•	
Boxer	1996 - 2001	RFS	2.0L MPI	MM 1AP	C/D		
Boxer	1996 - 2001	RFS	2.0L MPI	SAGEM SL96	C/D		
Boxer	1997 - 2001	2800 D	2.8L Diesel	EGR BITRON MID	C/D		
Boxer	2000 - 2001	4HY	2.2L T-Diesel	EDC15C7	C/D	•	
Boxer	2000 - 2001	8140.43S	2.8L T-Diesel	EDC15C7	C/D	•	
Boxer 3	2006 - 2008	100HP	2.2L T-Diesel	DCU-102	C/D	•	•,0
Boxer 3	2006 - 2008	120HP	2.2L T-Diesel	DCU-102	C/D	•	•,0
Boxer 3	2006 - 2008	160HP	3.0L T-Diesel	EDC16C39 CF4	C/D		•,0
Boxer 3 (EU4)	2009 - 2013	100HP	2.2L T-Diesel	DCU-102	C/D	•	•,0
Boxer 3 (EU4)	2009 - 2013	120HP	2.2L T-Diesel	DCU-102	C/D	•	•,0
Boxer 3 (EU4)	2009 - 2013	160HP	3.0L T-Diesel	EDC16C39 CF4	C/D		•,0
Boxer 3 (EU5)	2010 - 2013	110HP	2.2L T-Diesel	SID208	C/D	•	•,P
Boxer 3 (EU5)	2010 - 2013	130HP	2.2L T-Diesel	SID208	C/D	•	•,P
Boxer 3 (EU5)	2010 - 2013	150HP	2.2L T-Diesel	SID208	C/D	•	•,P
Boxer 3 (EU5)	2010 - 2013	F1CE3481E	3.0L T-Diesel	EDC17CP52	C/D	•	•P
Boxer Restyle	2001 - 2006	4HY	2.2L T-Diesel	EDC15C7	C/D	•	
Boxer Restyle	2001 - 2006	8140.43S	2.8L T-Diesel	EDC15C7	C/D	•	
Boxer Restyle	2001 - 2006	RFL	2.0L MPI	MM 4.8P	C/D	•	RA
Boxer Restyle	2001 - 2006	RFL	2.0L MPI	MM 4.MP	C/D	•	RA
Boxer Restyle	2001 - 2006	RHV	2.0L T-Diesel	EDC15C7	C/D	•	
Expert	1995 - 2000	P8C	2.1L 12V T-Diesel	EPIC J5	C/D		
Expert	1995 - 2000	P8C	2.1L 12V T-Diesel	EPIC J5 AFL	C/D		
Expert	1995 - 2001	RGX	2.0L Turbo MPI	MP3.2	C/D		
Expert	1995 - 2002	220A2	1.6L CPI	MA1.7	C/D		
Expert	1995 - 2002	DHX	1.9L T-Diesel	AS3.1	C/D	•	
Expert	1995 - 2002	L6A	1.8L MPI	MM8P	C/D	•	
Expert	1995 - 2002	L6B	1.8L MPI	MM8P	C/D	•	
Expert	1995 - 2002	RFU	2.0L MPI	MM8P	C/D	•	
Expert	1997 - 2002	LFW	1.8L MPI	MM8P	C/D	•	

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- EGR, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, H- Hydraulic or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

PEUGEOT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Expert	1998 - 2002	RHX	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Expert	1998 - 2002	RHX	2.0L T-Diesel	SIEM. SID801	C/D		
Expert	1998 - 2002	RHY	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Expert	1998 - 2002	RHY	2.0L T-Diesel	SIEM. SID801	C/D		
Expert	1998 - 2002	RHZ	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Expert	1998 - 2002	RHZ	2.0L T-Diesel	SIEM. SID801	C/D		
Expert	2000 - 2002	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
Expert	2000 - 2002	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
Expert	2000 - 2002	RFN	2.0L MPI	MM6LP PSA	C/D		
Expert	2000 - 2002	RFR	2.0L MPI	MM 4.8P	C/D	•	RA
Expert	2000 - 2002	RHW	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Expert	2000 - 2002	RHW	2.0L T-Diesel	SIEM. SID801	C/D		
Expert	2000 - 2002	WJY	1.9L Diesel	LUCAS DCN2	C/D		
Expert 2	2003 - 2003	RFR	2.0L MPI	MM 4.8P	C/D	•	RA
Expert 2	2003 - 2003	RHW	2.0L T-Diesel	SIEM. SID801	C/D		
Expert 2	2003 - 2003	RHX	2.0L T-Diesel	SIEM. SID801	C/D		
Expert 2	2003 - 2003	RHY	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Expert 2	2003 - 2003	RHY	2.0L T-Diesel	SIEM. SID801	C/D		
Expert 2	2003 - 2007	RFN	2.0L MPI	MM 4.8P	C/D	•	RA
Expert 2	2003 - 2007	RFN	2.0L MPI	MM 4.MP	C/D	•	RA
Expert 2	2003 - 2007	RFN	2.0L MPI	MM6LP PSA	C/D		
Expert 2	2003 - 2007	RHW	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Expert 2	2003 - 2007	RHX	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Expert 2	2003 - 2007	RHZ	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Expert 2	2003 - 2007	RHZ	2.0L T-Diesel	SIEM. SID801	C/D		
Expert 2	2003 - 2007	WJY	1.9L Diesel	LUCAS DCN2	C/D		
Expert 3	2007 - 2009	RHG	2.0L T-Diesel	SIEM. SID803A	C/D	•	•
Expert 3	2007 - 2013	9HU	1.6L T-Diesel	BOSCH EDC16C3-EDC16C34	C/D	•	•,E,I
Expert 3	2007 - 2013	RHK	2.0L T-Diesel	SIEM. SID803A	C/D	•	•
Expert 3	2007 - 2013	RHL	2.0L T-Diesel	SIEM. SID803A	C/D	•	•
Expert 3	2007 - 2013	RHR	2.0L T-Diesel	SIEM. SID803A	C/D	•	•
Expert 3	2010 - 2013	RHH	2.0L T-Diesel	DCM3.5	C/D	•	•P
Partner	1996 - 2002	HDY	1.1L CPI	MA3.1	C/D		
Partner	1996 - 2002	HDZ	1.1L CPI	MA3.1	C/D		
Partner	1996 - 2002	KFX	1.4L MPI	MM 1AP	C/D		
Partner	1996 - 2002	KFX	1.4L MPI	MM 1AP 41	C/D		
Partner	1996 - 2002	LFX	1.8L MPI	MM 1AP	C/D		
Partner	1996 - 2002	LFX	1.8L MPI	MM 1AP 41	C/D		
Partner	1996 - 2002	NFZ	1.6L MPI	MP5.2	C/D		
Partner	1996 - 2002	NFZ	1.6L MPI	MP7.2	C/D		
Partner	1997 - 2002	KFX	1.4L MPI	MP7.3	C/D		
Partner	1997 - 2002	KFX	1.4L MPI	SAGEM SL96	C/D		
Partner	1998 - 2008	RHW	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Partner	1998 - 2008	RHW	2.0L T-Diesel	SIEM. SID801	C/D		
Partner	1998 - 2008	RHY	2.0L T-Diesel	BOSCH EDC15	C/D	•	•
Partner	1998 - 2008	RHY	2.0L T-Diesel	SIEM. SID801	C/D		
Partner	2000 - 2003	KFW	1.4L MPI	S2000PM1	C/D	•	RA
Partner	2000 - 2008	HFX	1.1L MPI	M7.4.4	C/D	•	RA
Partner	2000 - 2008	HFX	1.1L MPI	MM 4.8P	C/D	•	RA
Partner	2000 - 2008	KFW	1.4L MPI	J34P 1	C/D	•	RA
Partner	2000 - 2008	KFW	1.4L MPI	J34P 2	C/D	•	RA
Partner	2000 - 2008	KFW	1.4L MPI	SAGEM S2000	C/D	•	RA
Partner	2000 - 2008	KFW	1.4L MPI	SAGEM S2000 BATT	C/D	•	RA
Partner	2000 - 2008	NFU	1.6L MPI	ME7.4.4	C/D	•	RA
Partner	2000 - 2008	WJY	1.9L Diesel	LUCAS DCN2	C/D		
Partner	2002 - 2008	8HX	1.4L T-Diesel	BOSCH EDC16C3	C/D	•	RA
Partner	2002 - 2008	8HX	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Partner	2002 - 2008	8HX	1.4L T-Diesel	SIEM. SID802	C/D		

PEUGEOT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Partner	2002 - 2008	8HX	1.4L T-Diesel	SIEM. SID804	C/D		
Partner	2002 - 2008	8HY	1.4L T-Diesel	DELPHI C6	C/D		•,I
Partner	2002 - 2008	8HZ	1.4L T-Diesel	BOSCH EDC16C3	C/D		RA
Partner	2002 - 2008	8HZ	1.4L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Partner	2002 - 2008	8HZ	1.4L T-Diesel	SIEM. SID802	C/D		
Partner	2002 - 2008	8HZ	1.4L T-Diesel	SIEM. SID804	C/D		
Partner	2002 - 2008	9HX	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
Partner	2002 - 2008	9HX	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Partner	2002 - 2008	9HX	1.6L T-Diesel	SIEM. SID802	C/D		
Partner	2002 - 2008	9HX	1.6L T-Diesel	SIEM. SID804	C/D		
Partner	2002 - 2008	9HY	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
Partner	2002 - 2008	9HY	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Partner	2002 - 2008	9HY	1.6L T-Diesel	SIEM. SID802	C/D		
Partner	2002 - 2008	9HY	1.6L T-Diesel	SIEM. SID804	C/D		
Partner	2002 - 2008	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	RA
Partner	2002 - 2008	9HZ	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Partner	2002 - 2008	9HZ	1.6L T-Diesel	SIEM. SID802	C/D		
Partner	2002 - 2008	9HZ	1.6L T-Diesel	SIEM. SID804	C/D		
Partner	2004 - 2008	9HW	1.6L T-Diesel	BOSCH EDC16	C/D		
Partner	2004 - 2008	9HW	1.6L T-Diesel	BOSCH EDC16C3	C/D		RA
Partner	2004 - 2008	9HW	1.6L T-Diesel	BOSCH EDC16C34	C/D	•	RA
Partner	2004 - 2008	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
Partner	2005 - 2008	KFV	1.4L MPI	J34P 1	C/D	•	RA
Partner	2005 - 2008	KFV	1.4L MPI	J34P 2	C/D	•	RA
Partner (B9)	2008 - 2013	9HT	1.6L T-Diesel	BOSCH EDC16C3-EDC16C34	C/D	•	•,E,I
Partner (B9)	2008 - 2013	9HX	1.6L T-Diesel	BOSCH EDC16C3-EDC16C34	C/D	•	•,E,I
Partner (B9)	2008 - 2013	9HZ	1.6L T-Diesel	BOSCH EDC16C3-EDC16C34	C/D	•	•,E,I
Partner (B9)	2008 - 2013	N6A	1.6L MPI	ME7.4.5	C/D	•	RA
Partner (B9)	2008 - 2013	NFR	1.6L MPI	ME7.4.5	C/D	•	RA
Partner (B9)	2008 - 2013	NFS	1.6L MPI	ME7.4.5	C/D	•	RA
Partner (B9)	2008 - 2013	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
Partner (B9)	2009 - 2012	9HS	1.6L T-Diesel	BOSCH EDC16C3-EDC16C34	C/D	•	•,E,I
Partner (B9)	2012 - 2013	5FK	1.6L MPI	MEV17.4.2	C/D	•	
Partner (B9)	2012 - 2013	5FS	1.6L MPI	MEV17.4.2	C/D	•	
Partner (B9)	2012 - 2013	9HE	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
Partner (B9)	2012 - 2013	9HF	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
Partner (B9)	2012 - 2013	9HJ	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
Partner (B9)	2012 - 2013	9HK	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
Partner (B9)	2012 - 2013	9HL	1.6L T-Diesel	SID807_BR2	C/D	•	•P
Partner (B9)	2012 - 2013	9HM	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
Partner (B9)	2012 - 2013	9HN	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
Partner (B9)	2012 - 2013	9HP	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
Partner (B9)	2012 - 2013	9HR	1.6L T-Diesel	EDC17C10_BR2	C/D	•	•P
RCZ	2011 - 2013	5FU	1.6L MPI VTI	MEVD17_4_2	C/D	•	RA
RCZ	2011 - 2013	5FV	1.6L MPI	MED17_4_2	C/D	•	RA
RCZ	2011 - 2013	5FW	1.6L MPI	MEV17.4.2	C/D	•	RA
RCZ	2011 - 2013	5FX	1.6L MPI	MED17_4_2	C/D	•	RA
RCZ	2011 - 2013	5FY	1.6L MPI	MED17_4_2	C/D	•	RA
RCZ	2011 - 2013	8FS	1.4L MPI VTI	MEV17.4.2	C/D	•	RA
RCZ	2011 - 2013	8HR	1.4L T-Diesel	EDC17C10	C/D	•	•P
RCZ	2011 - 2013	9HL	1.6L T-Diesel	SID807	C/D	•	•P
RCZ	2011 - 2013	9HL	1.6L T-Diesel	SID807_BR2	C/D	•	•P
RCZ	2011 - 2013	9HP	1.6L T-Diesel	EDC17C10	C/D	•	•P
RCZ	2011 - 2013	9HR	1.6L T-Diesel	SID807	C/D	•	•P
RCZ	2011 - 2013	9HR	1.6L T-Diesel	SID807_BR2	C/D	•	•P

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertia Body Return, H: Hydraulic or Type Sent Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated.

## Engine Management Applications

PEUGEOT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
RCZ	2011 - 2013	9HV	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•E,I
RCZ	2011 - 2013	9HX	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•E,I
RCZ	2011 - 2013	9HY	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•E,I
RCZ	2011 - 2013	9HZ	1.6L T-Diesel	BOSCH EDC16C3	C/D	•	•E,I
RCZ	2011 - 2013	N6A	1.6L MPI	ME7.4.5	C/D	•	RA
RCZ	2011 - 2013	N6A	1.6L MPI	ME7.4.9	C/D	•	RA
RCZ	2011 - 2013	N6B	1.6L MPI	ME7.4.5	C/D	•	RA
RCZ	2011 - 2013	N6B	1.6L MPI	ME7.4.9	C/D	•	RA
RCZ	2011 - 2013	NFU	1.6L MPI	ME7.4.5	C/D	•	RA
RCZ	2011 - 2013	NFU	1.6L MPI	ME7.4.9	C/D	•	RA
RCZ	2011 - 2013	RFJ	2.0L MPI	MM6LPB	C/D	•	RA
RCZ	2011 - 2013	RHD	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•P
RCZ	2011 - 2013	RHE	2.0L T-Diesel	DCM3.5	C/D	•	•P
RCZ	2011 - 2013	RHE	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•P
RCZ	2011 - 2013	RHH	2.0L T-Diesel	DCM3.5	C/D	•	•P
RCZ	2011 - 2013	RHH	2.0L T-Diesel	DCM3.5_BR2	C/D	•	•P
RCZ	2011 - 2013	RHR	2.0L T-Diesel	DCM3.4	C/D	•	•
RCZ	2013 - 2013	RHC	2.0L T-Diesel	SID807_BR2	C/D	•	•P

## Airbag

PEUGEOT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
1007	2005 - 2007	AB TEMIC	C/D	•	•
1007 Restyle	2006 - 2010	SAC_TEMIC	C/D	•	•
106 Restyle	1996 - 2003	AB AUTOLIV	C/D		
106 Restyle	1998 - 2003	AUTOLIV ACU	C/D	•	•
107	2005 - 2013	SAC_TRW	C/D		
2008	2013 - 2013	RBG_UDS	C/D		
206	1998 - 2010	SIDE-AIRBAG	C/D	•	
206	1998 - 2011	AB AUTOLIV	C/D		
206	1998 - 2011	AUTOLIV ACU	C/D	•	•
207	2006 - 2013	SAC GONFLABLE	C/D	•	•
207	2006 - 2013	SAC_AUTOLIV	C/D	•	•
208	2012 - 2013	RBG_UDS	C/D		
3008	2009 - 2013	SAC_AUTOLIV	C/D	•	•
306	1995 - 1997	AB AUTOLIV	C/D		
306 Restyle	1997 - 2003	AB AUTOLIV	C/D		
306 Restyle	1997 - 2003	AUTOLIV ACU	C/D	•	•
306 Restyle	1997 - 2003	SIDE-AIRBAG	C/D	•	
307	2001 - 2006	AB SIEMENS	C/D		
307	2001 - 2006	AB TEMIC	C/D	•	•
307 Restyle	2005 - 2009	SAC_AUTOLIV	C/D	•	•
308	2007 - 2013	SAC_AUTOLIV	C/D	•	•
4007	2007 - 2013	SAC TRW	C/D	•	
4008	2013 - 2013	SAC TRW	C/D	•	
406	1995 - 2004	AB AUTOLIV	C/D		
406	1995 - 2004	SIDE-AIRBAG	C/D	•	
406	1999 - 2004	AUTOLIV ACU	C/D	•	•
407	2004 - 2010	SAC_AUTOLIV	C/D	•	•
5008	2010 - 2013	SAC_AUTOLIV	C/D	•	•
508	2010 - 2013	RBG_UDS	C/D		
605	1995 - 2000	AB AUTOLIV	C/D		
605	1995 - 2000	SIDE-AIRBAG	C/D	•	
605	1998 - 2000	AUTOLIV ACU	C/D	•	•
607	2000 - 2005	AB TEMIC	C/D	•	•
607 Restyle	2005 - 2010	SAC_AUTOLIV	C/D	•	•
806	1995 - 2002	AB AUTOLIV	C/D		
806	1998 - 2002	AUTOLIV ACU	C/D	•	•
807	2002 - 2005	AB TEMIC	C/D	•	•
807 Restyle	2005 - 2013	SAC_TEMIC	C/D	•	•
Boxer	2008 - 2013	AUTOLIV AIRBAG(PROXI)	C/D	•	
Boxer	1995 - 2001	BREED MY97	C/D		
Boxer 3	2006 - 2008	TRW1	C/D		
Boxer 3 (EU4)	2009 - 2013	TRW1	C/D		
Boxer 3 (EU5)	2010 - 2013	SDM	C/D	•	
Boxer Restyle	2001 - 2006	SIEMENS MY 99 16-PIN	C/D	•	
Expert	1995 - 2002	AB AUTOLIV	C/D		
Expert	2000 - 2002	AUTOLIV ACU	C/D	•	•
Expert 2	2003 - 2007	AB AUTOLIV	C/D		
Expert 2	2003 - 2007	AUTOLIV ACU	C/D	•	•
Expert 3	2007 - 2013	SAC_BOSCH	C/D	•	•
Ion	2011 - 2013	SRS	C/D	•	
Partner	1996 - 2008	AB TRW	C/D	•	
Partner	1997 - 2008	AB AUTOLIV	C/D		
Partner	1997 - 2008	AUTOLIV ACU	C/D	•	•
Partner (B9)	2008 - 2013	SAC_AUTOLIV	C/D	•	•
RCZ	2011 - 2013	SAC_AUTOLIV	C/D		

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, A: Type of Air, \* : Other (see table on page 26) Dark grey lines indicate new content at 1,4, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

2014  
 Key for Special Functions: BB: Brake Blend, BSS: Brake Service, C: Crash Data, CF: Configuration, E: E-Gas, F: Flywheel, I: Injector Coding, O: Oil Reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, Jk: Jumper or Type Semi Auto, \*+Other (see table on page 26) Dark grey lines indicate new content at 1/4, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Antilock Brakes

PEUGEOT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
1007	2005 - 2007	ABS MK70	C/D	•	
1007	2005 - 2007	ABS MK70.1	C/D	•	BB
1007	2005 - 2007	ESP MK60	C/D		•,S
1007	2005 - 2007	ESP_MK60-0	C/D	•	BB
1007 Restyle	2006 - 2010	ABS MK70	C/D	•	
1007 Restyle	2006 - 2010	ABS MK70.1	C/D	•	BB
1007 Restyle	2006 - 2010	ESP MK60	C/D		•,S
1007 Restyle	2006 - 2010	ESP_MK60-0	C/D	•	BB
106	1995 - 1997	BENDIX	C/D		
106 Restyle	1996 - 2003	ABS MK4GI	C/D		
106 Restyle	1997 - 2003	ABS MK20E	C/D		
107	2005 - 2013	ABS8_0_C1	C/D		
2008	2013 - 2013	ESPMK100	C/D	•	
205	1995 - 1997	BENDIX	C/D		
206	1998 - 2011	ABS 5.3	C/D		
206	1998 - 2011	ABS 5.3 ESP	C/D		•,S
206	1998 - 2011	ABS MK20E	C/D		
206	1998 - 2011	ABS MK70	C/D	•	
206	1998 - 2011	ESP MK60	C/D	•	•,S
207	2006 - 2013	ABS MK70.1	C/D	•	BB
207	2006 - 2013	ESP_MK60-0	C/D	•	BB
208	2012 - 2013	ABSMK100	C/D	•	
208	2012 - 2013	ESPMK100	C/D	•	
3008	2009 - 2013	ESP8_1_BOSCH	C/D	•	BB,BS
306	1995 - 1997	ABS 2E	C/D		
306	1995 - 1997	ABS 2SE	C/D		
306	1995 - 1997	ABS 5	C/D		
306	1995 - 1997	BENDIX	C/D		
306 Restyle	1997 - 2003	ABS 5.3	C/D		
306 Restyle	1997 - 2003	ABS 5.3 ESP	C/D		•,S
307	2001 - 2006	ABS 5.3	C/D		
307	2001 - 2006	ABS 5.3 ESP	C/D		•,S
307	2001 - 2006	ABS 5.7	C/D		
307	2001 - 2006	ABS 5.7 ESP	C/D		BB
307	2001 - 2006	ABS 8	C/D		
307	2001 - 2006	ESP BOSCH 8	C/D		•,S
307 Restyle	2005 - 2009	ABS 8.1	C/D	•	BB
307 Restyle	2005 - 2009	ABS8_BOSCH	C/D	•	BB
307 Restyle	2005 - 2009	ESP8_1_BOSCH	C/D	•	BB,BS
307 Restyle	2005 - 2009	ESP8_BOSCH	C/D		BB
308	2007 - 2013	ABS 8.1	C/D	•	BB
308	2007 - 2013	ESP8_1_BOSCH	C/D	•	BB,BS
4007	2007 - 2013	TEVES ABS	C/D	•	
4007	2007 - 2013	TEVES ESP	C/D	•	•,S
4008	2013 - 2013	TEVES ABS	C/D	•	
4008	2013 - 2013	TEVES ESP	C/D	•	•,S
405	1995 - 1996	ABS 2E	C/D		
405	1995 - 1996	ABS 2SE	C/D		
405	1995 - 1996	BENDIX INT	C/D		
406	1995 - 2004	ABS 5	C/D		
406	1995 - 2004	ABS 5.3	C/D		
406	1995 - 2004	ESP BOSCH 5.3	C/D		•,S
406	1998 - 2004	ABS 5.3 ESP	C/D		•,S
407	2004 - 2010	ESP EBC 440	C/D		•,S
407	2004 - 2010	ESP EBC 440 (CAN)	C/D	•	BB
407	2004 - 2010	ESP8_1_BOSCH	C/D	•	BB,BS
5008	2010 - 2013	ESP8_1_BOSCH	C/D	•	BB,BS

## Antilock Brakes Continued

PEUGEOT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
508	2010 - 2013	ABS 8.1	C/D	•	BB
508	2010 - 2013	ESP8_1_BOSCH	C/D	•	
605	1995 - 2000	ABS 2E	C/D		
605	1995 - 2000	ABS 2SE	C/D		
605	1995 - 2000	ABS MK70	C/D		
605	1995 - 2000	ABS 5	C/D		
605	1995 - 2000	ABS 5.3	C/D		
605	1995 - 2000	ABS 5.3 ESP	C/D		•,S
605	1995 - 2000	BENDIX INT	C/D		
607	2000 - 2005	ABS 5.7	C/D		
607	2000 - 2005	ABS 5.7 ESP	C/D		BB
607	2000 - 2005	ABS 8	C/D		
607	2000 - 2005	TEVES MK60	C/D		
607	2000 - 2005	TEVES MK70	C/D		
607 Restyle	2005 - 2010	ESP8_BOSCH	C/D	•	BB,BS
806	1995 - 1997	BENDIX	C/D		
806	1995 - 2002	ABS 5.3	C/D		
806	1998 - 2002	ABS 5.3 ESP	C/D		•,S
807	2002 - 2005	ABS 5.7	C/D		
807	2002 - 2005	ABS 5.7 ESP	C/D		BB
807 Restyle	2005 - 2013	ESP8_1_BOSCH	C/D	•	BB,BS
807 Restyle	2005 - 2013	ESP8_BOSCH	C/D	•	BB,BS
Bipper	2008 - 2013	ABS BOSCH 8 ESP	C/D	•	
Bipper	2008 - 2013	ABS BOSCH 8 ESP	C/D	•	•,S
Boxer	1995 - 2001	ABS 5.3	C/D		
Boxer	1995 - 2001	BENDIX	C/D		
Boxer 3	2006 - 2008	BOSCH 8 ABS	C/D		
Boxer 3	2006 - 2008	BOSCH 8 VDC ABS	C/D		
Boxer 3 (EU4)	2009 - 2013	BOSCH 8 ABS	C/D		
Boxer 3 (EU4)	2009 - 2013	BOSCH 8 VDC ABS	C/D		
Boxer 3 (EU5)	2010 - 2013	ABS90_F	C/D	•	
Boxer Restyle	2001 - 2003	ABS BOSCH 5.3 FIAT	C/D		
Expert	1995 - 1997	BENDIX	C/D		
Expert	1995 - 2002	ABS 5.3	C/D		
Expert	2000 - 2002	ABS 5.3 ESP	C/D		•,S
Expert 2	2003 - 2007	ABS 5.3	C/D		
Expert 2	2003 - 2007	ABS 5.3 ESP	C/D		•,S
Expert 3	2007 - 2013	ABS 8.1	C/D	•	BB
Expert 3	2007 - 2013	ABS8_BOSCH	C/D		
Expert 3	2007 - 2013	ESP8_1_BOSCH	C/D	•	BB,BS
Expert 3	2007 - 2013	ESP8_BOSCH	C/D		BB
Expert 3	2010 - 2013	ABS8_BOSCH	C/D	•	BB
Expert 3	2010 - 2013	ESP8_BOSCH	C/D	•	BB,BS
Ion	2011 - 2013	ASC	C/D	•	
Partner	1996 - 2008	ABS 5	C/D		
Partner	1997 - 2008	ABS 5.3	C/D		
Partner	1997 - 2008	ABS 5.3 ESP	C/D		•,S
Partner	2004 - 2008	ABS 5.7 ESP	C/D		BB
Partner	2004 - 2008	ABS 8	C/D		
Partner (B9)	2008 - 2013	ABS 8.1	C/D	•	BB
Partner (B9)	2008 - 2013	ESP8_1_BOSCH	C/D	•	BB,BS
RCZ	2011 - 2013	ESP8_1_BOSCH	C/D	•	BB,BS

## Auto Transmission

PEUGEOT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
1007	2005 - 2007	A/T AL4	C/D	•	•
1007	2005 - 2007	AL4 TA2000	C/D	•	•
1007	2005 - 2007	MMT	C/D		•
1007 Restyle	2006 - 2010	BVMP_MA	C/D	•	•
106 Restyle	1996 - 2003	A/T BVA MB3	C/D		
107	2005 - 2013	MMT	C/D		•
2008	2013 - 2013	AT AL4	C/D	•	
2008	2013 - 2013	CFC300P	C/D	•	
206	1998 - 2011	A/T AL4	C/D	•	•
206	1998 - 2011	AL4 TA2000	C/D	•	•
207	2006 - 2013	AT AL4	C/D	•	RA
207	2006 - 2013	BVMP_MA	C/D		•
208	2012 - 2013	AT AL4	C/D	•	
208	2012 - 2013	BVMP_MA	C/D	•	•
208	2012 - 2013	CFC300P	C/D	•	•
3008	2009 - 2013	AM6 Euro5	C/D	•	•
3008	2009 - 2013	AT AL4	C/D	•	RA
3008	2009 - 2013	CFC300P	C/D	•	•
3008	2010 - 2013	AM6	C/D	•	•
306 Restyle	1997 - 2003	A/T AL4	C/D	•	•
306 Restyle	2000 - 2003	AL4 TA2000	C/D	•	•
307	2001 - 2006	A/T AL4	C/D	•	•
307	2001 - 2006	AL4 TA2000	C/D	•	•
307 Restyle	2005 - 2009	AM6	C/D	•	•
307 Restyle	2005 - 2009	AT AL4	C/D	•	RA
308	2007 - 2013	AM6	C/D	•	•
308	2007 - 2013	AT AL4	C/D	•	RA
308	2007 - 2013	CFC300P	C/D	•	•
4007	2007 - 2013	BV_CVT	C/D		
4008	2013 - 2013	BV_CVT	C/D		
406	1996 - 2004	A/T AL4	C/D	•	•
406	1996 - 2004	A/T ZF 4HP20	C/D	•	•
406	1998 - 2004	AL4 TA2000	C/D	•	•
407	2004 - 2010	A/T ZF 4HP20	C/D	•	•
407	2004 - 2010	AL4 TA2000	C/D	•	•
407	2004 - 2010	AM6	C/D	•	•
407	2009 - 2009	AT AL4	C/D	•	RA
5008	2010 - 2013	AM6 Euro5	C/D	•	•
5008	2010 - 2013	AT6 Euro5	C/D	•	•
5008	2010 - 2013	CFC300P	C/D	•	•
508	2010 - 2013	AM6 Euro5	C/D	•	•
508	2010 - 2013	CFC300P	C/D	•	•
607	2000 - 2005	A/T AL4	C/D	•	•
607	2000 - 2005	A/T ZF 4HP20	C/D	•	•
607	2000 - 2005	AL4 TA2000	C/D	•	•
607 Restyle	2005 - 2010	AM6	C/D	•	•
806	2000 - 2002	AL4 TA2000	C/D	•	•
807	2003 - 2005	A/T AL4	C/D	•	•
807	2003 - 2005	A/T ZF 4HP20	C/D	•	•
807	2003 - 2005	AL4 TA2000	C/D	•	•
807 Restyle	2005 - 2013	AM6	C/D	•	•
807 Restyle	2005 - 2013	AT AL4	C/D	•	RA
Bipper	2008 - 2013	BVMP	C/D	•	•
Boxer Restyle	2003 - 2006	A/T ZF 4HP20	C/D	•	•
Expert 2	2003 - 2007	A/T AL4	C/D	•	•
Expert 2	2003 - 2007	AL4 TA2000	C/D	•	•
Expert 3	2007 - 2013	AM6 Euro5	C/D	•	•

## Auto Transmission Continued

PEUGEOT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Partner (B9)	2008 - 2013	CFC300P	C/D	•	•
RCZ	2011 - 2013	AM6	C/D	•	•
RCZ	2011 - 2013	AM6 Euro5	C/D	•	•
RCZ	2011 - 2013	AT AL4	C/D	•	•
RCZ	2011 - 2013	CFC300P	C/D	•	•

## Instrument Panel

PEUGEOT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
206	2000 - 2011	COMBINE	C/D	•	•
207	2006 - 2013	COMBINE	C/D	•	•
3008	2009 - 2013	COMBINE	C/D	•	•
307	2001 - 2006	COMBINE	C/D	•	•
307 Restyle	2005 - 2009	COMBINE	C/D	•	•
308	2007 - 2013	COMBINE	C/D	•	•
407	2004 - 2010	COMBINE	C/D	•	•
407	2009 - 2009	COMBINE	C/D	•	•
508	2010 - 2013	COMBINE UDS	C/D	•	•
607	2000 - 2005	COMBINE	C/D	•	•
607 Restyle	2005 - 2010	COMBINE	C/D	•	•
Bipper	2008 - 2013	MARELLI CLUSTER(EP)	C/D	•	•
Bipper	2008 - 2013	MARELLI CLUSTER(EP)3	C/D	•	•
Boxer 3 (EU5)	2010 - 2013	IPC	C/D	•	•
Ion	2011 - 2013	METER	C/D	•	•

## Other

PEUGEOT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
307	2001 - 2006	ALARME-TEXTON	C/D	•	Alarm
508	2010 - 2013	ALARME	C/D	•	Alarm
508	2010 - 2013	BECB_GEN2	C/D	•	Battery Charge Status Unit
208	2012 - 2013	BECB_GEN2	C/D	•	Battery Charge Status Unit
2008	2013 - 2013	BECB_GEN2	C/D	•	Battery Charge Status Unit
Boxer 3	2006 - 2008	Marelli Body Computer 6	C/D	•	Body Computer
Boxer 3 (EU4)	2009 - 2013	Marelli Body Computer 6	C/D	•	Body Computer
Boxer 3 (EU5)	2010 - 2013	BCM	C/D	•	BSI
Bipper	2008 - 2013	BCM	C/D	•	BSI
Expert 3	2007 - 2013	BSI JCAE VERSION 10.20	C/D	•	BSI
Expert 3	2007 - 2013	BSI JCAE VERSION 11.23	C/D	•	BSI
Expert 3	2007 - 2013	BSI JCAE VERSION 3.20	C/D	•	BSI
Expert 3	2007 - 2013	BSI JCAE VERSION 4.12	C/D	•	BSI

## Other Continued

PEUGEOT						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Expert 3	2007 - 2013	BSI VALEO VERSION 11.32	C/D	•	•	BSI
Ion	2011 - 2013	ETACS	C/D	•	•	BSI
Partner	2003 - 2008	BSI SIEMENS SW VERSION 17.00	C/D	•	•	BSI
Partner	2003 - 2008	BSI SIEMENS SW VERSION 20.21	C/D	•	•	BSI
Partner	2003 - 2008	BSI SIEMENS SW VERSION 23.10	C/D	•	•	BSI
Partner (B9)	2008 - 2013	BSI JCAE SW VERSION 17.20	C/D	•	•	BSI
Partner (B9)	2008 - 2013	BSI JCAE SW VERSION 17.23	C/D	•	•	BSI
Partner (B9)	2008 - 2013	BSI JCAE SW VERSION 18.11	C/D	•	•	BSI
Partner (B9)	2008 - 2013	BSI JCAE SW VERSION 9.41	C/D	•	•	BSI
Partner (B9)	2008 - 2013	BSI JCAE VERSION 5.20	C/D	•	•	BSI
Partner (B9)	2008 - 2013	BSI JCAE VERSION 9.71	C/D	•	•	BSI
406	1998 - 2004	BSI SIEMENS VERSION B4	C/D	•	•	BSI
5008	2010 - 2013	BSI JCAE SW VERSION 10.01	C/D	•	•	BSI
5008	2010 - 2013	BSI JCAE SW VERSION 16.40	C/D	•	•	BSI
5008	2010 - 2013	BSI JCAE SW VERSION 17.20	C/D	•	•	BSI
5008	2010 - 2013	BSI JCAE SW VERSION 17.23	C/D	•	•	BSI
5008	2010 - 2013	BSI JCAE SW VERSION 18.22	C/D	•	•	BSI
5008	2010 - 2013	BSI JCAE SW VERSION 9.72	C/D	•	•	BSI
508	2010 - 2013	BSI Continental SW VERSION 100.32	C/D	•	•	BSI
508	2010 - 2013	BSI Continental SW VERSION 100.35	C/D	•	•	BSI
508	2010 - 2013	BSI Continental SW VERSION 100.41	C/D	•	•	BSI
508	2010 - 2013	BSI Continental SW VERSION 100.50	C/D	•	•	BSI
508	2010 - 2013	BSI Continental SW VERSION 111.43	C/D	•	•	BSI
508	2010 - 2013	BSI Continental SW VERSION 7.61	C/D	•	•	BSI
508	2010 - 2013	BSI Continental SW VERSION 7.70	C/D	•	•	BSI
508	2010 - 2013	BSI Continental SW VERSION 7.71	C/D	•	•	BSI
607	2000 - 2005	BSI LUXURY VERSION	C/D	•	•	BSI
607 Restyle	2005 - 2010	BSI JCAE VERSION 05.50	C/D	•	•	BSI
607 Restyle	2005 - 2010	BSI JCAE VERSION 06.24	C/D	•	•	BSI
806	1995 - 2002	CPH_TEXTON	C/D	•	•	BSI
807	2002 - 2005	BSI SAGEM VERSION 25.10	C/D	•	•	BSI
807	2002 - 2005	BSI SAGEM VERSION 30.10	C/D	•	•	BSI
206	2000 - 2011	BSI SIEMENS SW VERSION 20.00	C/D	•	•	BSI
206	2000 - 2011	BSI SIEMENS SW VERSION 25.01	C/D	•	•	BSI
206	2000 - 2011	BSI SIEMENS SW VERSION 27.04	C/D	•	•	BSI
206	2000 - 2011	BSI SIEMENS SW VERSION 32.03	C/D	•	•	BSI

## Other Continued

PEUGEOT						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
206	2000 - 2011	BSI SIEMENS SW VERSION 34.01	C/D	•	•	BSI
206	2000 - 2011	BSI SIEMENS SW VERSION 40.00	C/D	•	•	BSI
206	2000 - 2011	BSI SIEMENS SW VERSION 42.01	C/D	•	•	BSI
206	2000 - 2011	BSI SIEMENS SW VERSION 44.50	C/D	•	•	BSI
206	2000 - 2011	BSI SIEMENS SW VERSION 45.02	C/D	•	•	BSI
206	2000 - 2011	BSI SIEMENS SW VERSION 45.02	C/D	•	•	BSI
207	2006 - 2013	BSI VALEO VERSION 11.03	C/D	•	•	BSI
207	2006 - 2013	BSI VALEO VERSION 11.40	C/D	•	•	BSI
207	2006 - 2013	BSI VALEO VERSION 11.50	C/D	•	•	BSI
207	2006 - 2013	BSI VALEO VERSION 11.61	C/D	•	•	BSI
207	2006 - 2013	BSI VALEO VERSION 13.01	C/D	•	•	BSI
207	2006 - 2013	BSI VALEO VERSION 13.03	C/D	•	•	BSI
207	2006 - 2013	BSI VALEO VERSION 15.04	C/D	•	•	BSI
207	2006 - 2013	BSI VALEO VERSION 5.13	C/D	•	•	BSI
207	2006 - 2013	BSI VALEO VERSION 5.32	C/D	•	•	BSI
207	2006 - 2013	BSI VALEO VERSION 8.41	C/D	•	•	BSI
207	2006 - 2013	BSI VALEO VERSION 9.04	C/D	•	•	BSI
3008	2009 - 2013	BSI JCAE SW VERSION 10.01	C/D	•	•	BSI
3008	2009 - 2013	BSI JCAE SW VERSION 16.40	C/D	•	•	BSI
3008	2009 - 2013	BSI JCAE SW VERSION 17.20	C/D	•	•	BSI
3008	2009 - 2013	BSI JCAE SW VERSION 18.11	C/D	•	•	BSI
3008	2009 - 2013	BSI JCAE SW VERSION 18.22	C/D	•	•	BSI
3008	2009 - 2013	BSI JCAE SW VERSION 9.72	C/D	•	•	BSI
307	2001 - 2006	BSI VALEO SW VERSION 10.01	C/D	•	•	BSI
307	2001 - 2006	BSI VALEO SW VERSION 20.00	C/D	•	•	BSI
307	2001 - 2006	BSI VALEO SW VERSION 21.00	C/D	•	•	BSI
307	2001 - 2006	BSI VALEO SW VERSION 30.02	C/D	•	•	BSI
307 Restyle	2005 - 2009	BSI JCAE SW VERSION 17.00	C/D	•	•	BSI
307 Restyle	2005 - 2009	BSI JCAE SW VERSION 9.02	C/D	•	•	BSI
307 Restyle	2005 - 2009	BSI JCAE SW VERSION 9.08	C/D	•	•	BSI
308	2007 - 2013	BSI JCAE SW VERSION 16.32	C/D	•	•	BSI
308	2007 - 2013	BSI JCAE SW VERSION 17.23	C/D	•	•	BSI
308	2007 - 2013	BSI JCAE SW VERSION 17.40	C/D	•	•	BSI
308	2007 - 2013	BSI JCAE SW VERSION 18.11	C/D	•	•	BSI
308	2007 - 2013	BSI JCAE SW VERSION 18.22	C/D	•	•	BSI
308	2007 - 2013	BSI JCAE VERSION 11.31	C/D	•	•	BSI
308	2007 - 2013	BSI JCAE VERSION 9.52	C/D	•	•	BSI
308	2007 - 2013	BSI JCAE VERSION 9.73	C/D	•	•	BSI
308	2007 - 2013	BSI VALEO VERSION 10.60	C/D	•	•	BSI

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, RA- Reset Adaptation, S- Steering Angle Sensor, E- Electronic Body Relearn, JA- Jumper or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



### Other Continued

PEUGEOT	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
407	2004 - 2010	BSI JCAE SW VERSION 11.30	C/D	•	•	BSI	
407	2004 - 2010	BSI JCAE SW VERSION 5.12	C/D	•	•	BSI	
407	2004 - 2010	BSI JCAE SW VERSION 5.13	C/D	•	•	BSI	
407	2004 - 2010	BSI JCAE SW VERSION 6.22	C/D	•	•	BSI	
407	2004 - 2010	BSI JCAE SW VERSION 6.28	C/D	•	•	BSI	
407	2004 - 2010	BSI JCAE SW VERSION 6.41	C/D	•	•	BSI	
407	2004 - 2010	BSI JCAE SW VERSION 7.03	C/D	•	•	BSI	
407	2004 - 2010	BSI JCAE SW VERSION 8.05	C/D	•	•	BSI	
407	2004 - 2010	BSI JCAE SW VERSION 8.22	C/D	•	•	BSI	
407	2004 - 2010	BSI JCAE SW VERSION 8.40	C/D	•	•	BSI	
407	2004 - 2010	BSI JCAE SW VERSION 8.46	C/D	•	•	BSI	
407	2004 - 2010	BSI JCAE SW VERSION 8.50	C/D	•	•	BSI	
407	2004 - 2010	BSI JCAE SW VERSION 8.61	C/D	•	•	BSI	
407	2004 - 2010	BSI SIEMENS SW VERSION 5.98	C/D	•	•	BSI	
407	2004 - 2010	BSI SIEMENS SW VERSION 6.15	C/D	•	•	BSI	
407	2004 - 2010	BSI SIEMENS SW VERSION 7.09	C/D	•	•	BSI	
407	2004 - 2010	BSI SIEMENS SW VERSION 7.12	C/D	•	•	BSI	
407	2009 - 2009	BSI JCAE SW VERSION 11.51	C/D	•	•	BSI	
407	2009 - 2009	BSI JCAE SW VERSION 11.81	C/D	•	•	BSI	
407	2009 - 2009	BSI JCAE SW VERSION 5.13	C/D	•	•	BSI	
407	2009 - 2009	BSI JCAE SW VERSION 5.51	C/D	•	•	BSI	
407	2009 - 2009	BSI JCAE SW VERSION 5.52	C/D	•	•	BSI	
407	2009 - 2009	BSI JCAE SW VERSION 6.28	C/D	•	•	BSI	
407	2009 - 2009	BSI JCAE SW VERSION 6.40	C/D	•	•	BSI	
407	2009 - 2009	BSI JCAE SW VERSION 6.41	C/D	•	•	BSI	
407	2009 - 2009	BSI JCAE SW VERSION 6.42	C/D	•	•	BSI	
407	2009 - 2009	BSI JCAE SW VERSION 7.03	C/D	•	•	BSI	
407	2009 - 2009	BSI JCAE SW VERSION 8.15	C/D	•	•	BSI	
407	2009 - 2009	BSI JCAE SW VERSION 8.50	C/D	•	•	BSI	
407	2009 - 2009	BSI SIEMENS SW VERSION 5.98	C/D	•	•	BSI	
407	2009 - 2009	BSI SIEMENS SW VERSION 6.15	C/D	•	•	BSI	
407	2009 - 2009	BSI SIEMENS SW VERSION 7.09	C/D	•	•	BSI	
407	2005 - 2010	-				Clear All Codes Read By Code Scan	
Ion	2011 - 2013	-				Clear All Codes Read By Code Scan	
Ion	2011 - 2013	-				Code Scan	
407	2005 - 2010	-				Code Scan	
407	2004 - 2010	HDC	C/D	•	•	COMM Switch	
508	2010 - 2013	COM2008P	C/D	•	•	COMM Switch	
807 Restyle	2005 - 2013	HDC	C/D	•	•	COMM Switch	
607 Restyle	2005 - 2010	HDC	C/D	•	•	COMM Switch	
307 Restyle	2005 - 2009	HDC	C/D	•	•	COMM Switch	
308	2007 - 2013	HDC	C/D	•	•	COMM Switch	
207	2006 - 2013	HDC	C/D	•	•	COMM Switch	
3008	2009 - 2013	HDC	C/D	•	•	COMM Switch	
1007 Restyle	2006 - 2010	HDC	C/D	•	•	COMM Switch	

### Other Continued

PEUGEOT	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
1007 Restyle	2006 - 2010	Pompe mux MGI	C/D	•	•	•P	Diesel Additive
1007 Restyle	2006 - 2010	Pompe mux TI	C/D	•	•	•P	Diesel Additive
206	2003 - 2011	PSA ADDGO2	C/D	•	•	•P	Diesel Additive
206	2003 - 2011	PSA ADDITIF FAP	C/D	•	•	•P	Diesel Additive
207	2006 - 2013	ADDGO3	C/D	•	•	•P	Diesel Additive
1007 Restyle	2006 - 2010	ADDGO3	C/D	•	•	•P	Diesel Additive
3008	2009 - 2013	Pompe mux MGI	C/D	•	•	•P	Diesel Additive
3008	2009 - 2013	Pompe mux TI	C/D	•	•	•P	Diesel Additive
207	2006 - 2013	Pompe mux MGI	C/D	•	•	•P	Diesel Additive
207	2006 - 2013	Pompe mux TI	C/D	•	•	•P	Diesel Additive
3008	2009 - 2013	ADDGO3	C/D	•	•	•P	Diesel Additive
307	2001 - 2006	PSA ADDGO2	C/D	•	•	•P	Diesel Additive
307	2001 - 2006	PSA ADDITIF FAP	C/D	•	•	•P	Diesel Additive
308	2007 - 2013	Pompe mux MGI	C/D	•	•	•P	Diesel Additive
308	2007 - 2013	Pompe mux TI	C/D	•	•	•P	Diesel Additive
307 Restyle	2005 - 2009	ADDGO3	C/D	•	•	•P	Diesel Additive
406	2001 - 2004	PSA ADDGO2	C/D	•	•	•P	Diesel Additive
406	2001 - 2004	PSA ADDITIF FAP	C/D	•	•	•P	Diesel Additive
407	2004 - 2010	ADDGO3	C/D	•	•	•P	Diesel Additive
307 Restyle	2005 - 2009	Pompe mux MGI	C/D	•	•	•P	Diesel Additive
307 Restyle	2005 - 2009	Pompe mux TI	C/D	•	•	•P	Diesel Additive
308	2007 - 2013	ADDGO3	C/D	•	•	•P	Diesel Additive
5008	2010 - 2013	ADDGO3	C/D	•	•	•P	Diesel Additive
607 Restyle	2005 - 2010	Pompe mux MGI	C/D	•	•	•P	Diesel Additive
607 Restyle	2005 - 2010	Pompe mux TI	C/D	•	•	•P	Diesel Additive
607 Restyle	2005 - 2010	ADDGO3	C/D	•	•	•P	Diesel Additive
607	2000 - 2005	PSA ADDGO2	C/D	•	•	•P	Diesel Additive
607	2000 - 2005	PSA ADDITIF FAP	C/D	•	•	•P	Diesel Additive
807 Restyle	2005 - 2013	Pompe mux MGI	C/D	•	•	•P	Diesel Additive
807 Restyle	2005 - 2013	Pompe mux TI	C/D	•	•	•P	Diesel Additive
807 Restyle	2005 - 2013	ADDGO3	C/D	•	•	•P	Diesel Additive
807	2002 - 2005	PSA ADDGO2	C/D	•	•	•P	Diesel Additive
807	2002 - 2005	PSA ADDITIF FAP	C/D	•	•	•P	Diesel Additive
407	2004 - 2010	Pompe mux MGI	C/D	•	•	•P	Diesel Additive
407	2004 - 2010	Pompe mux TI	C/D	•	•	•P	Diesel Additive
5008	2010 - 2013	Pompe mux MGI	C/D	•	•	•P	Diesel Additive
5008	2010 - 2013	Pompe mux TI	C/D	•	•	•P	Diesel Additive
Expert 3	2007 - 2013	ADDGO3	C/D	•	•	•P	Diesel Additive
Expert 3	2007 - 2013	Pompe mux MGI	C/D	•	•	•P	Diesel Additive
Expert 3	2007 - 2013	Pompe mux TI	C/D	•	•	•P	Diesel Additive
Partner (B9)	2008 - 2013	Pompe mux MGI	C/D	•	•	•P	Diesel Additive
Partner (B9)	2008 - 2013	Pompe mux TI	C/D	•	•	•P	Diesel Additive
RCZ	2011 - 2011	ADDGO3	C/D	•	•	•P	Diesel Additive
RCZ	2011 - 2011	Pompe mux MGI	C/D	•	•	•P	Diesel Additive
RCZ	2011 - 2011	Pompe mux TI	C/D	•	•	•P	Diesel Additive
Partner (B9)	2008 - 2013	ADDGO3	C/D	•	•	•P	Diesel Additive
406	2000 - 2001	PSA ADDGO2	C/D	•	•	•P	Diesel Additive
406	2000 - 2001	PSA ADDITIF FAP	C/D	•	•	•P	Diesel Additive FAP
508	2010 - 2013	PDPC	C/D	•	•	•	Door Module Driver
307	2001 - 2006	MDP_CONDUCT	C/D	•	•	•	Door Module Driver
307	2001 - 2006	MDP-PASSAG	C/D	•	•	•	Door Module Pas-senger
Ion	2011 - 2013	MCU	C/D	•	•	•	Electric Motor
5008	2010 - 2013	FSE	C/D	•	•	•	Electric Parking Brake
508	2010 - 2013	FSE	C/D	•	•	•	Electric Parking Brake
508	2010 - 2013	GEP	C/D	•	•	•	Electric Steering

### Other Continued

PEUGEOT	Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Boxer 3 (EU4)	2009 - 2013	DIRECTN	C/D	•	•	•	Electric Steering
Boxer 3 (EU5)	2010 - 2013	DIRECTN	C/D	•	•	•	Electric Steering
Boxer 3	2006 - 2008	DIRECTN	C/D	•	•	•	Electric Steering
307	2001 - 2006	GEP	C/D	•	•	•	Electric Steering
508	2010 - 2013	BML	C/D	•	•	•	Hands Free Access Control Module
508	2010 - 2013	MATT_M_2010	C/D	•	•	•	Multifunction Screen
508	2010 - 2013	AAS_UDS	C/D	•	•	•	Parking Aid
307	2001 - 2006	AIDE_STAT	C/D	•	•	•	Parking Aid
RCZ	2011 - 2013	Pedestrian Impact	C/D	•	•	•	Pedestrian Impact Detection
Partner	2003 - 2008	Radio CLARION	C/D	•	•	•	Radio
Partner	2003 - 2008	Radio PHILIPS	C/D	•	•	•	Radio
807	2002 - 2005	AUTORADIO	C/D	•	•	•	Radio
607	2000 - 2005	AUTORADIO	C/D	•	•	•	Radio
508	2010 - 2013	RD5	C/D	•	•	•	Radio
206	2000 - 2011	AUTORADIO	C/D	•	•	•	Radio
307	2001 - 2006	AUTORADIO	C/D	•	•	•	Radio
1007	2005 - 2007	AUTORADIO	C/D	•	•	•	Radio
508	2010 - 2013	PLUIE_LUMINOSITE_UDS	C/D	•	•	•	Rain/Sunlight Sensor
206	2000 - 2011	TEXTON	C/D	•	•	•	Retractable Roof
307	2001 - 2006	TEXTON	C/D	•	•	•	Retractable Roof
3008	2009 - 2013	BSI					Service Interval Reset
208	2012 - 2013	BSI					Service Interval Reset
306 Restyle	1998 - 2003	-					Service Interval Reset
307	2001 - 2005	BSI					Service Interval Reset
1007 Restyle	2006 - 2010	BSI					Service Interval Reset
2008	2013 - 2013	BSI					Service Interval Reset
206	1999 - 2011	BSI					Service Interval Reset
207	2006 - 2013	BSI					Service Interval Reset
5008	2010 - 2013	BSI					Service Interval Reset
308	2007 - 2013	BSI					Service Interval Reset
407	2004 - 2010	BSI					Service Interval Reset
4008	2013 - 2013	INSTRUMENT PANEL					Service Interval Reset
406	1995 - 2004	-					Service Interval Reset
307 Restyle	2005 - 2009	BSI					Service Interval Reset
4007	2007 - 2013	INSTRUMENT PANEL					Service Interval Reset
607	2001 - 2005	BSI					Service Interval Reset
607 Restyle	2005 - 2010	BSI					Service Interval Reset
807 Restyle	2005 - 2013	BSI					Service Interval Reset
508	2010 - 2013	BSI					Service Interval Reset
Bipper	2008 - 2013	Marelli Instrument Panel (EP) 2					Service Interval Reset
Boxer 3	2006 - 2008	COMBINE					Service Interval Reset
Boxer 3 (EU5)	2010 - 2013	COMBINE					Service Interval Reset
Boxer 3 (EU4)	2009 - 2013	COMBINE					Service Interval Reset
Boxer Restyle	2001 - 2006	-					Service Interval Reset
Expert 2	2003 - 2007	-					Service Interval Reset
Expert 3	2007 - 2013	BSI					Service Interval Reset
Partner	2002 - 2008	-					Service Interval Reset
Partner	2003 - 2008	BSI					Service Interval Reset
RCZ	2011 - 2013	BSI					Service Interval Reset
4007	2007 - 2013	CAV	C	•	•	•S	Steering Wheel Angle Sensor
4008	2013 - 2013	CAV	C	•	•	•S	Steering Wheel Angle Sensor
307	2001 - 2006	RT3	C/D	•	•	•	Telematic

## Other Continued

PEUGEOT						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
508	2010 - 2013	CRT_UDS	C/D	•		Telematic
Ion	2011 - 2013	BMU	C/D	•		Traction Battery
Ion	2012 - 2013	CMU_01	D			Traction Battery Cell 1
Ion	2012 - 2013	CMU_10	D			Traction Battery Cell 10
Ion	2012 - 2013	CMU_11	D			Traction Battery Cell 11
Ion	2012 - 2013	CMU_12	D			Traction Battery Cell 12
Ion	2012 - 2013	CMU_02	D			Traction Battery Cell 2
Ion	2012 - 2013	CMU_03	D			Traction Battery Cell 3
Ion	2012 - 2013	CMU_04	D			Traction Battery Cell 4
Ion	2012 - 2013	CMU_05	D			Traction Battery Cell 5
Ion	2012 - 2013	CMU_06	D			Traction Battery Cell 6
Ion	2012 - 2013	CMU_07	D			Traction Battery Cell 7
Ion	2012 - 2013	CMU_08	D			Traction Battery Cell 8
Ion	2012 - 2013	CMU_09	D			Traction Battery Cell 9
508	2010 - 2013	BSR_BSG_2010	C/D			Trailer Fuse Box Module
508	2010 - 2013	ESP8.1_BOSCH				Wheel Alignment
508	2010 - 2013	ESP8_BOSCH				Wheel Alignment
5008	2010 - 2013	ESP8.1_BOSCH				Wheel Alignment
807 Restyle	2005 - 2013	ESP8.1_BOSCH				Wheel Alignment
807 Restyle	2005 - 2013	ESP8_BOSCH				Wheel Alignment
Bipper	2008 - 2013	ABS BOSCH 8 ESP				Wheel Alignment
807	2002 - 2004	ABS 5.7 ESP	D			Wheel Alignment
607 Restyle	2005 - 2010	ESP8_BOSCH				Wheel Alignment
806	1995 - 2002	ABS 5.3 ESP	D			Wheel Alignment
607	2000 - 2003	ABS 5.7 ESP	D			Wheel Alignment
Expert 2	2003 - 2007	ABS 5.3 ESP	D			Wheel Alignment
Expert 3	2007 - 2013	ESP8.1_BOSCH				Wheel Alignment
Expert 3	2007 - 2013	ESP8_BOSCH				Wheel Alignment
Partner	1996 - 2006	ABS 5.3 ESP	D			Wheel Alignment
Partner	1996 - 2006	ABS 5.7 ESP	D			Wheel Alignment
Partner (B9)	2012 - 2013	ESP8_BOSCH				Wheel Alignment
Partner (B9)	2008 - 2013	ESP8.1_BOSCH				Wheel Alignment
307	2001 - 2006	ESP BOSCH 8				Wheel Alignment
307	2001 - 2006	ABS 5.3 ESP	D			Wheel Alignment
307	2001 - 2006	ABS 5.7 ESP				Wheel Alignment
306 Restyle	1997 - 2003	ABS 5.3 ESP	D			Wheel Alignment
3008	2009 - 2013	ESP8.1_BOSCH				Wheel Alignment
207	2006 - 2013	ESP_MK60-O				Wheel Alignment
206	1998 - 2011	ABS 5.3 ESP	D			Wheel Alignment
206	1998 - 2011	ESP MK60	D			Wheel Alignment
1007 Restyle	2006 - 2010	ESP MK60	D			Wheel Alignment
1007 Restyle	2006 - 2010	ESP_MK60-O				Wheel Alignment
4008	2013 - 2013	TEVES ESP				Wheel Alignment
4007	2007 - 2013	TEVES ESP				Wheel Alignment
307 Restyle	2005 - 2009	ESP8.1_BOSCH				Wheel Alignment
307 Restyle	2005 - 2009	ESP8_BOSCH				Wheel Alignment
308	2007 - 2013	ESP8.1_BOSCH				Wheel Alignment
407	2004 - 2010	ESP EBC 440	D			Wheel Alignment
407	2004 - 2010	ESP EBC 440 (CAN)				Wheel Alignment
407	2004 - 2010	ESP8.1_BOSCH				Wheel Alignment
508	2010 - 2013	MOTEV_UDS	C/D	•	•	Windscreen Wiper
807	2003 - 2005	XENON VALEO LEFT PSA	C/D			Xenon Light Left
807	2003 - 2005	XENON VALEO RIGHT PSA	C/D			Xenon Light Right

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electric Body Relearn, JA- Jumper or Type Sens Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1,4, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

RENAULT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
19	1995 - 1995	E7F	.53W		C/D		
19	1995 - 1995	F3N	.53B		C/D		
19	1995 - 1996	C3J	0.532		C/D		
19	1995 - 1996	E7J	0.535		C/D		
19	1995 - 1996	F3N	.53C		C/D		
19	1995 - 1996	F3P	0.538		C/D		
19	1995 - 1996	F7P	.53D		C/D		
19	1996 - 1996	F3P	.53D		C/D		
21	1995 - 1995	F3N	.48E		C/D		
21	1995 - 1995	J7R	.48C		C/D		
21	1995 - 1995	J7T	.48A		C/D		
5	1996 - 1996	C3J	0.407		C/D		
Captur	2013 - 2013	H4B	0.9L Petrol		C/D	•	•
Captur	2013 - 2013	H5FT	1.2L Petrol		C/D	•	•
Captur	2013 - 2013	K9K	1.5L Diesel		C/D	•	
Clio	1995 - 1996	C3G	0.577		C/D		RA
Clio	1995 - 1996	D7F	.57Y		C/D	•	RA
Clio	1995 - 1996	E7F	.57A		C/D		RA
Clio	1995 - 1996	E7J	.57B		C/D		
Clio	1995 - 1996	F3P	0.578		C/D		
Clio	1995 - 1996	F7P	.57D		C/D		
Clio	1995 - 1996	F7R	.57M		C/D		
Clio	1996 - 1996	D7F	.57K		C/D	•	
Clio	1996 - 1996	E7F	.57G		C/D		
Clio	1996 - 1996	E7J	.57J		C/D		
Clio	1996 - 1996	F3P	.57U		C/D		
Clio II	1997 - 1997	E3P	.57C		C/D		
Clio II	1997 - 1997	E7F	.57J		C/D		
Clio II	1997 - 1997	E7J	.57B		C/D		
Clio II	1997 - 1997	F3P	0.579		C/D		
Clio II	1997 - 1998	C3G	0.577		C/D		
Clio II	1997 - 1998	D7F	.57K		C/D	•	
Clio II	1997 - 1998	E7F	.57A		C/D		
Clio II	1997 - 1998	E7J	.57J		C/D		
Clio II	1997 - 1998	F3P	0.578		C/D		
Clio II	1997 - 1998	F7P	.57D		C/D		
Clio II	1998 - 1998	E7J	.B0C		C/D	•	
Clio II	1998 - 1999	D7F	.B0A		C/D	•	
Clio II	1998 - 1999	K7M	.B0D		C/D	•	
Clio III	2004 - 2006	D4F	.R02		C/D	•	•
Clio III	2004 - 2006	F4R	.R0N		C/D	•	•
Clio III	2004 - 2006	K4J	.R0A		C/D	•	•
Clio III	2004 - 2006	K4M	.R05		C/D	•	•
Clio III	2004 - 2006	K9K	.R0F		C/D	•	E.I
Clio III	2004 - 2006	M4R	.R0C		C/D	•	•
Clio III	2004 - 2008	D4F	1.2L Petrol		C/D	•	•
Clio III	2004 - 2009	F4R	.R1P		C/D	•	•
Clio III	2004 - 2009	K4J	.R00		C/D	•	•
Clio III	2004 - 2009	K4M	.R09		C/D	•	•
Clio III	2004 - 2009	K9K	.R0G		C/D	•	E.I
Clio III	2004 - 2009	M4R	.R06		C/D	•	•
Clio III	2006 - 2006	D4F	.R01		C/D	•	•
Clio III Ph 2	2009 - 2012	F4R	2.0L Petrol		C/D	•	•
Clio III Ph 2	2009 - 2012	K4J	1.4L Petrol		C/D	•	•
Clio III Ph 2	2009 - 2012	K4M	1.6L Petrol		C/D	•	•
Clio III Ph 2	2009 - 2012	K9K	1.5L Diesel		C/D	•	E.I
Clio III Ph 2	2009 - 2012	M4R	2.0L Petrol		C/D	•	•
Clio III Ph 2	2010 - 2012	D4F	1.2L Petrol		C/D		
Clio III Ph 2	2010 - 2012	F4R	2.0L Petrol		C/D		

RENAULT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Clio III Ph 2	2010 - 2012	K4J	1.4L Petrol		C/D		
Clio III Ph 2	2010 - 2012	K4M	1.6L Petrol		C/D		
Clio III Ph 2	2010 - 2012	K9K	1.5L Diesel		C/D	•	RA,E
Clio III Ph 2	2010 - 2012	M4R	2.0L Petrol		C/D		
Clio IV	2013 - 2013	D4F	1.2L Petrol		C/D	•	•
Clio IV	2013 - 2013	H4B	0.9L Petrol		C/D	•	•
Clio IV	2013 - 2013	H5FT	1.2L Petrol		C/D	•	•
Clio IV	2013 - 2013	K9K	1.5L Diesel		C/D	•	RA,E
Espace	1995 - 1996	J7T	.63G		C/D		
Espace	1995 - 1996	Z7W	0.638		C/D		
Espace	1995 - 1997	J7R	0.636		C/D		
Espace	1995 - 1997	J7T	0.637		C/D		
Espace	1997 - 1999	G8T	.E0E		C/D	•	
Espace	1997 - 1999	Z7X	.E0D		C/D	•	
Espace	1999 - 1999	G9T	.E0P		C/D	•	
Espace	1999 - 1999	L7X	.E0G		C/D		
Espace	1999 - 2002	G8T	.E0P		C/D	•	
Espace IV	2004 - 2005	M9R	2.0L Diesel		C/D	•	•
Espace IV	2005 - 2005	F4R	.K0B		C/D	•	
Espace IV	2005 - 2005	F9Q	.K0G		C/D	•	E.I
Espace IV	2005 - 2005	M9R	.K01		C/D	•	•
Espace IV	2005 - 2009	F4R	.K0A		C/D	•	
Espace IV	2005 - 2009	M9R	.K01		C/D	•	•
Espace IV	2006 - 2007	F4R	2.0L Petrol		C/D	•	
Espace IV	2006 - 2009	M9R	.K01		C/D	•	E.I
Espace IV	2006 - 2011	F4RT	2.0L Petrol		C/D	•	
Espace IV	2006 - 2011	M9R	2.0L Diesel		C/D	•	E.I
Express	1995 - 1997	C3J	0.407		C/D		
Express	1995 - 1997	E7J	.40D		C/D		
Fluence	2010 - 2013	K4M	1.6L Petrol		C/D	•	RA
Fluence	2010 - 2013	K9K	1.5L Diesel		C/D	•	RA,E
Fluence	2010 - 2013	M4R	2.0L Petrol		C/D		
Kangoo	1998 - 1999	D7F	.C0A		C/D	•	
Kangoo	1998 - 1999	E7J	.C0C		C/D	•	
Kangoo II	2008 - 2013	K4M	1.6L Petrol		C/D		
Kangoo II	2008 - 2013	K9K	1.5L Diesel		C/D	•	E.I
Kangoo II	2011 - 2013	K4M	1.6L Petrol		C/D		
Kangoo II	2011 - 2013	K9K	1.5L Diesel		C/D	•	RA,E
Kangoo II	2012 - 2013	H5FT	1.2L Petrol		C/D	•	•
Kangoo II	2012 - 2013	K9K	1.5L Diesel		C/D	•	RA,E
Koleos	2008 - 2013	M9R	2.0L Diesel		C/D	RA	RA
Laguna	1995 - 1995	F3P	.56A		C/D		
Laguna	1995 - 1995	F3R	.56N		C/D		
Laguna	1995 - 1996	F3P	.56B		C/D		
Laguna	1995 - 1996	F3R	.56H		C/D		
Laguna	1995 - 1996	Z7X	.56E		C/D	•	
Laguna	1995 - 1997	F3P	.56S		C/D		
Laguna	1995 - 1997	F3R	.56C		C/D		
Laguna	1996 - 1996	F3P	.56Z		C/D		
Laguna	1996 - 1996	F4R	.56A		C/D		
Laguna	1996 - 1998	G8T	0.566		C/D	•	
Laguna	1997 - 1999	L7X	.56V		C/D		
Laguna 1Ph2	1998 - 2001	G8T	0.566		C/D	•	
Laguna 1Ph2	1998 - 2001	L7X	.56V		C/D		
Laguna 1Ph2	1999 - 1999	G8T	.56F		C/D	•	
Laguna II	2004 - 2007	M9R	2.0L Diesel		C/D	•	•
Laguna II	2005 - 2007	F9Q	.G1V		C/D	•	E.I
Laguna II	2005 - 2007	M9R	.G14		C/D	•	•
Laguna III	2007 - 2008	K4M	1.6L Petrol		C/D		

# Engine Management Applications

RENAULT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Laguna III	2007 - 2010	F4RT	2.0L Petrol		C/D		
Laguna III	2007 - 2010	K9K	1.5L Diesel		C/D	•	RA,E
Laguna III	2007 - 2010	M4R	2.0L Petrol		C/D		
Laguna III	2007 - 2010	M9R	2.0L Diesel		C/D	RA	RA
Laguna III Coupe	2007 - 2013	F4RT	2.0L Petrol		C/D		
Laguna III Coupe	2007 - 2013	K9K	1.5L Diesel		C/D	•	RA,E
Laguna III Coupe	2007 - 2013	M9R	2.0L Diesel		C/D	RA	RA
Laguna III Coupe	2007 - 2013	V9X	3.0L Diesel		C/D		
Laguna III Ph2	2011 - 2013	F4RT	2.0L Petrol		C/D		
Laguna III Ph2	2011 - 2013	K9K	1.5L Diesel		C/D	•	RA,E
Laguna III Ph2	2011 - 2013	M4R	2.0L Petrol		C/D		
Laguna III Ph2	2011 - 2013	M9R	2.0L Diesel		C/D	RA	RA
Master	1995 - 1997	J7T	R..E		C/D		
Master	2006 - 2010	G9U	.D01		C/D	•	•,
Master III	2010 - 2013	M9T	2.3L Diesel		C/D	•	
Megane	1996 - 1996	K7M	.A0F		C/D	•	
Megane	1996 - 1999	E7J	.A0E		C/D		
Megane	1996 - 1999	F8Q	.A09		C/D	•	
Megane	1996 - 1999	K7M	.A0L		C/D	•	
Megane	1997 - 1998	F9Q	.A08		C/D	•	
Megane	1997 - 1999	F8Q	.A0J		C/D	•	
Megane II	2003 - 2009	F4R	.M05		C/D	•	•,
Megane II	2003 - 2009	F9Q	.M00		C/D	•	
Megane II	2003 - 2009	K4J	.M08		C/D	•	•,
Megane II	2003 - 2009	K4M	.M0C		C/D	•	•,
Megane II	2003 - 2009	K9K	.M02		C/D	•	E.I
Megane II	2004 - 2009	F4R	2.0L Petrol		C/D	•	•,
Megane II	2004 - 2009	F9Q	1.9L Diesel		C/D	•	
Megane II	2004 - 2009	K4J	1.4L Petrol		C/D	•	•,
Megane II	2004 - 2009	K4M	1.6L Petrol		C/D	•	•,
Megane II	2004 - 2009	K9K	1.5L Diesel		C/D	•	E.I
Megane II	2004 - 2009	M9R	2.0L Diesel		C/D	•	E.I
Megane III	2008 - 2012	F4RT	2.0L Petrol		C/D		
Megane III	2008 - 2012	F9Q	1.9L Diesel		C/D	RA	RA
Megane III	2008 - 2012	H4JT	1.4L Petrol		C/D	RA	RA
Megane III	2008 - 2012	M4R	2.0L Petrol		C/D	RA	RA
Megane III	2008 - 2013	K4M	1.6L Petrol		C/D	•	RA
Megane III	2008 - 2013	K9K	1.5L Diesel		C/D	•	RA,E
Megane III	2008 - 2013	M9R	2.0L Diesel		C/D	RA	RA
Megane III	2011 - 2013	R9M	1.6L Diesel		C/D	RA	RA
Megane III	2012 - 2013	H5FT	1.2L Petrol		C/D	RA	RA
Megane III Coupe	2008 - 2013	F4RT	2.0L Petrol		C/D	RA	RA
Megane III Coupe	2008 - 2013	F9Q	1.9L Diesel		C/D	RA	RA
Megane III Coupe	2008 - 2013	H4JT	1.4L Petrol		C/D	RA	RA
Megane III Coupe	2008 - 2013	K4M	1.6L Petrol		C/D	RA	RA
Megane III Coupe	2008 - 2013	K9K	1.5L Diesel		C/D	•	RA,E
Megane III Coupe	2008 - 2013	M4R	2.0L Petrol		C/D		
Megane III Coupe	2008 - 2013	M9R	2.0L Diesel		C/D	RA	RA
Megane III Coupe	2012 - 2013	H5FT	1.2L Petrol		C/D	RA	RA
Modus	2004 - 2009	D4F	.POC		C/D	RA	RA
Modus	2004 - 2009	K4J	.PO1		C/D	•	•,
Modus	2004 - 2009	K4M	.POB		C/D	•	•,
Modus	2004 - 2009	K9K	.POD		C/D	•	E.I
Modus	2004 - 2011	D4F	1.2L Petrol		C/D	•	•,
Modus	2004 - 2011	K4J	1.4L Petrol		C/D	•	•,
Modus	2004 - 2011	K4M	1.6L Petrol		C/D	•	•,
Modus	2004 - 2011	K9K	1.5L Diesel		C/D	•	E.I
Modus	2005 - 2009	K4M	.POY		C/D	•	•,

RENAULT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Modus	2010 - 2011	D4F	1.2L Petrol		C/D		
Modus	2010 - 2011	K4J	1.4L Petrol		C/D		
Modus	2010 - 2011	K4M	1.6L Petrol		C/D		
Modus	2010 - 2011	K9K	1.5L Diesel		C/D	•	RA,E
Renault Sport Clio III	2004 - 2012	F4R	2.0L Petrol		C/D	•	•,
Renault Sport Clio IV	2013 - 2013	M5M	1.6L Petrol		C/D	•	•,
Renault Sport Megane II	2003 - 2007	F4RT	2.0L Petrol		C/D	•	•,
Renault Sport Twingo	2008 - 2013	K4M	1.6L Petrol		C/D	•	•,
Safrane	1995 - 1995	J7T	.54H		C/D		
Safrane	1995 - 1996	J7R	0.54		C/D		
Safrane	1995 - 1996	J7T	0.541		C/D		
Safrane	1995 - 1996	Z7X	0.544		C/D		
Safrane	1996 - 1996	N7U	.54F		C/D	•	
Safrane	1996 - 1999	G8T	.54G		C/D	•	
Safrane	1997 - 1997	N7U	.54F		C/D	•	
Scenic	1997 - 1998	F9Q	.A08		C/D	•	
Scenic	1997 - 1999	E7J	.A0E		C/D		
Scenic	1997 - 1999	F8Q	.A0J		C/D	•	
Scenic	1997 - 1999	K7M	.A0L		C/D	•	
Scenic	1998 - 1999	F8Q	.A09		C/D	•	
Scenic II	2003 - 2006	F4R	.M0U		C/D	•	•,
Scenic II	2003 - 2006	F9Q	.M0G		C/D	•	E.I
Scenic II	2003 - 2006	K4J	.M0B		C/D	•	•,
Scenic II	2003 - 2006	K4M	.M0C		C/D	•	•,
Scenic II	2003 - 2009	F4R	.M05		C/D	•	•,
Scenic II	2003 - 2009	F9Q	.M00		C/D	•	E.I
Scenic II	2003 - 2009	K4J	.M08		C/D	•	•,
Scenic II	2003 - 2009	K4M	.M0J		C/D	•	•,
Scenic II	2003 - 2009	K9K	.M02		C/D	•	E.I
Scenic II	2004 - 2009	F4R	2.0L Petrol		C/D	•	•,
Scenic II	2004 - 2009	F9Q	1.9L Diesel		C/D	•	E.I
Scenic II	2004 - 2009	K4J	1.4L Petrol		C/D	•	•,
Scenic II	2004 - 2009	K4M	1.6L Petrol		C/D	•	•,
Scenic II	2004 - 2009	K9K	1.5L Diesel		C/D	•	E.I
Scenic II	2004 - 2009	M9R	2.0L Diesel		C/D	•	E.I
Scenic II	2005 - 2006	F9Q	.M14		C/D	•	E.I
Scenic II	2005 - 2006	M9R	.M1K		C/D	•	E.I
Scenic II	2006 - 2009	F4R	.M1U		C/D	•	•,
Scenic II	2006 - 2009	K4J	.M1S		C/D	•	•,
Scenic II	2006 - 2009	K4M	.M1R		C/D	•	•,
Scenic III	2008 - 2012	F4RT	2.0L Petrol		C/D		
Scenic III	2008 - 2012	F9Q	1.9L Diesel		C/D	RA	RA
Scenic III	2008 - 2012	H4JT	1.4L Petrol		C/D	RA	RA
Scenic III	2008 - 2012	K4M	1.6L Petrol		C/D	RA	RA
Scenic III	2008 - 2012	K9K	1.5L Diesel		C/D	•	RA,E
Scenic III	2008 - 2012	M4R	2.0L Petrol		C/D		
Scenic III	2008 - 2012	M9R	2.0L Diesel		C/D	RA	RA
Scenic III	2011 - 2012	R9M	1.6L Diesel		C/D	RA	RA
Scenic III	2012 - 2012	H5FT	1.2L Petrol		C/D	RA	RA
Scenic IV/XMOD	2013 - 2013	K4M	1.6L Petrol		C/D	•	RA
Scenic IV/XMOD	2013 - 2013	K9K	1.5L Diesel		C/D	•	RA,E
Scenic IV/XMOD	2013 - 2013	R9M	1.6L Diesel		C/D	•	
System ID Mode	1995 - 1995	NULL	NULL		C/D	•	
Trafic	1995 - 1997	J7T	T..E		C/D		
Trafic II	1998 - 1999	F8Q	...J		C/D	•	
Trafic II	2006 - 2010	M9R	.LOH		C/D	•	•,
Trafic II	2006 - 2012	G9U	2.5L Diesel		C/D	•	•,

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, A- Type/colour or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

RENAULT								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Trafic II	2006 - 2012	M9R	2.0L Diesel		C/D	•	•	
Trafic II	2007 - 2010	G9U	.LOJ		C/D	•	•	
Trafic II	2007 - 2012	M9R	2.0L Diesel		C/D			
Trafic II Ph3	2013 - 2013	G9U	2.5L Diesel		C/D	•	•	
Trafic II Ph3	2013 - 2013	M9R	2.0L Diesel		C/D			
Twingo	1995 - 1997	C3G	0.063		C/D			
Twingo II	2007 - 2009	D4F	.N0A		C/D	•	•	
Twingo II	2007 - 2009	D7F	.N0D		C/D	•	•	
Twingo II	2007 - 2009	K4M	.N0R		C/D	•	•	
Twingo II	2007 - 2009	K9K	.N0E		C/D	•	E.I	
Twingo II	2007 - 2013	D4F	1.2L Petrol		C/D	•	•	
Twingo II	2007 - 2013	D7F	1.2L Petrol		C/D	•	•	
Twingo II	2007 - 2013	K4M	1.6L Petrol		C/D	•	•	
Twingo II	2007 - 2013	K9K	1.5L Diesel		C/D	•	E.I	
Twingo II	2010 - 2013	D4F	1.2L Petrol		C/D			
Twingo II	2010 - 2013	D7F	1.2L Petrol		C/D			
Twingo II	2010 - 2013	K4M	1.6L Petrol		C/D			
Twingo II	2010 - 2013	K9K	1.5L Diesel		C/D	•	RA, E	
Vel Satis	2004 - 2007	M9R	2.0L Diesel		C/D	•	E.I	
Vel Satis	2006 - 2007	F4R	.J0B		C/D	•		
Wind Roadster	2010 - 2013	D4FT	1.2L Petrol		C/D			
Wind Roadster	2010 - 2013	K4M	1.6L Petrol		C/D	•	•	

# Airbag

RENAULT								
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions			
19	1995 - 1996	-						
Captur	2013 - 2013	AMR-70	C/D	•	•			
Clio	1995 - 1996	-						
Clio II	1997 - 1998	-						
Clio III	2004 - 2009	AUTOLIV 21	C/D					
Clio III	2004 - 2009	REN AIRBAG AB9	C/D					
Clio III	2004 - 2009	REN AIRBAG RC5	C/D					
Clio III Ph 2	2009 - 2012	AUTOLIV 21	C/D					
Clio III Ph 2	2009 - 2012	REN AIRBAG AB9	C/D					
Clio III Ph 2	2009 - 2012	REN AIRBAG RC5	C/D					
Clio IV	2013 - 2013	AMR-70	C/D	•	•			
Espace	1996 - 1997	-						
Fluence	2010 - 2013	M3-04	C/D		•			
Fluence	2010 - 2013	M3-07	C/D		•			
Fluence	2010 - 2013	M3-08	C/D		•			
Fluence	2010 - 2013	M3-AMR-02	C/D		•			
Fluence	2010 - 2013	M3-AMR-03	C/D		•			
Fluence	2010 - 2013	M3-AMR-05	C/D		•			
Kangoo II	2008 - 2009	REN AIRBAG AB9	C/D					
Kangoo II	2008 - 2013	REN AIRBAG RC5	C/D					
Kangoo II	2010 - 2013	SRS-MRSZ	C/D					
Koleos	2008 - 2013	K-SRS-30	C					
Laguna	1995 - 1999	-						
Laguna 1Ph2	1999 - 1999	-						
Laguna III	2007 - 2010	L3-1C	C/D					
Laguna III	2007 - 2010	M3-07	C/D		•			
Laguna III Coupe	2007 - 2013	L3-1C	C/D					
Laguna III Coupe	2007 - 2013	M3-07	C/D		•			
Laguna III Ph2	2011 - 2013	L3-1C	C/D					
Laguna III Ph2	2011 - 2013	M3-07	C/D		•			
Master III	2010 - 2013	SRS-21	C/D					
Megane II	2003 - 2009	REN AIRBAG ACU4	C/D					
Megane II	2003 - 2009	REN AIRBAG RC5	C/D					
Megane III	2008 - 2013	M3-04	C/D		•			
Megane III	2008 - 2013	M3-07	C/D		•			
Megane III	2008 - 2013	M3-08	C/D		•			
Megane III	2008 - 2013	M3-AMR-02	C/D		•			
Megane III	2008 - 2013	M3-AMR-03	C/D		•			
Megane III	2008 - 2013	M3-AMR-05	C/D		•			
Megane III Coupe	2008 - 2013	M3-04	C/D		•			
Megane III Coupe	2008 - 2013	M3-07	C/D		•			
Megane III Coupe	2008 - 2013	M3-08	C/D		•			
Megane III Coupe	2008 - 2013	M3-AMR-02	C/D		•			
Megane III Coupe	2008 - 2013	M3-AMR-03	C/D		•			
Megane III Coupe	2008 - 2013	M3-AMR-05	C/D		•			
Modus	2004 - 2009	REN AIRBAG ACU4	C/D					
Modus	2004 - 2009	REN AIRBAG RC5	C					
Modus	2004 - 2011	REN AIRBAG RC5	C/D					
Modus	2010 - 2011	AUTOLIV 21	C/D					
Modus	2010 - 2011	REN AIRBAG AB9	C/D					
Renault Sport Clio III	2004 - 2012	REN AIRBAG AB9	C/D					
Renault Sport Clio III	2004 - 2012	REN AIRBAG RC5	C/D					
Renault Sport Clio III	2007 - 2012	AUTOLIV 21	C/D					
Renault Sport Clio IV	2013 - 2013	AMR-70	C/D	•	•			
Renault Sport Megane II	2003 - 2007	REN AIRBAG ACU4	C/D					
Renault Sport Megane II	2003 - 2007	REN AIRBAG RC5	C					
Renault Sport Megane III	2008 - 2013	M3-04	C/D		•			
Renault Sport Megane III	2008 - 2013	M3-07	C/D		•			

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, I: Inertial Body Return, Jk: Jumper or Type Sens Auto, \* : Other (see table on page 263) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Other Continued

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Renault Sport Megane III	2008 - 2013	M3-08	C/D		•
Renault Sport Megane III	2008 - 2013	M3-AMR-02	C/D		•
Renault Sport Megane III	2008 - 2013	M3-AMR-03	C/D		•
Renault Sport Megane III	2008 - 2013	M3-AMR-05	C/D		•
Renault Sport Twingo	2008 - 2013	REN AIRBAG MRSZ	C/D		
Safrane	1995 - 1996	-			
Scenic II	2003 - 2006	REN AIRBAG RCS	C		
Scenic II	2003 - 2009	REN AIRBAG ACU4	C/D		
Scenic II	2003 - 2009	REN AIRBAG RCS	C/D		
Scenic III	2008 - 2012	M3-04	C/D		•
Scenic III	2008 - 2012	M3-07	C/D		•
Scenic III	2008 - 2012	M3-08	C/D		•
Scenic III	2008 - 2012	M3-AMR-02	C/D		•
Scenic III	2008 - 2012	M3-AMR-03	C/D		•
Scenic III	2008 - 2012	M3-AMR-05	C/D		•
Scenic IV/XMOD	2013 - 2013	M3-04	C/D		•
Scenic IV/XMOD	2013 - 2013	M3-07	C/D		•
Scenic IV/XMOD	2013 - 2013	M3-08	C/D		•
Scenic IV/XMOD	2013 - 2013	M3-AMR-02	C/D		•
Scenic IV/XMOD	2013 - 2013	M3-AMR-03	C/D		•
Scenic IV/XMOD	2013 - 2013	M3-AMR-05	C/D		•
System ID Mode	1995 - 1995	-			
System ID Mode	1995 - 1995	L3-1C	C/D		
System ID Mode	1995 - 1995	M3-04	C/D		
System ID Mode	1995 - 1995	M3-07	C/D		
System ID Mode	1995 - 1995	M3-08	C/D		
System ID Mode	1995 - 1995	M3-AMR-02	C/D		
System ID Mode	1995 - 1995	M3-AMR-03	C/D		
System ID Mode	1995 - 1995	M3-AMR-05	C/D		
Twingo	1995 - 1998	-			
Twingo II	2007 - 2013	REN AIRBAG MRSZ	C/D		
Wind Roadster	2010 - 2013	REN AIRBAG ACU4	C/D		
Wind Roadster	2010 - 2013	REN AIRBAG RCS	C		

## Antilock Brakes

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Avantime	2001 - 2006	REN ABS (02)	C/D		
Avantime	2001 - 2006	REN ABS (04)	C		
Avantime	2001 - 2006	REN ABS (05)	C/D		
Avantime	2001 - 2006	REN ABS (06)	C/D		
Avantime	2001 - 2006	REN ABS (08)	C		
Avantime	2001 - 2006	REN ABS (0C)	C		
Avantime	2001 - 2006	REN ABS (11)	C/D		
Avantime	2001 - 2006	REN ABS (13)	C/D		
Avantime	2001 - 2006	REN ABS (14)	C/D		
Avantime	2001 - 2006	REN ABS (1C)	C/D		
Avantime	2001 - 2006	REN ABS (45)	C/D		
Avantime	2001 - 2006	REN ABS (4D)	C/D		
Avantime	2001 - 2006	REN ABS (6F)	C/D		

## Antilock Brakes Continued

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Avantime	2001 - 2006	REN ABS (Vdiag 18)	C/D		
Avantime	2001 - 2006	REN ABS 02	C		
Avantime	2001 - 2006	REN ABS BOSCH 2E	C		
Avantime	2001 - 2006	REN ABS BOSCH 5.3 (I)	C/D		
Avantime	2001 - 2006	REN ABS BOSCH 5.3 (II)	C/D		
Avantime	2001 - 2006	REN ABS TEVES (06)	C/D	•	
Avantime	2001 - 2006	REN ABS TEVES MK20I (01)	C/D	•	
Avantime	2001 - 2006	REN ABS TEVES MK20I (02)	C/D	•	
Avantime	2001 - 2006	REN ABS TEVES MK20I (03)	C/D	•	
Avantime	2001 - 2006	REN ABS TEVES MK20I (04)	C/D	•	
Avantime	2001 - 2006	REN ABS TEVES N31	C/D	•	
Avantime	2001 - 2006	REN ABS/ESP TEVES MK60	C/D		
Avantime	2001 - 2006	REN ISO ABS DEFAULT			
Captur	2013 - 2013	Bosch-60 (ESP)	C/D		•
Captur	2013 - 2013	Bosch-61	C/D		•
Clio	1995 - 1996	REN ABS (02)	C/D		
Clio	1995 - 1996	REN ABS (04)	C		
Clio	1995 - 1996	REN ABS (05)	C/D		
Clio	1995 - 1996	REN ABS (06)	C/D		
Clio	1995 - 1996	REN ABS (08)	C		
Clio	1995 - 1996	REN ABS (0C)	C		
Clio	1995 - 1996	REN ABS (11)	C/D		
Clio	1995 - 1996	REN ABS (13)	C/D		
Clio	1995 - 1996	REN ABS (14)	C/D		
Clio	1995 - 1996	REN ABS (1C)	C/D		
Clio	1995 - 1996	REN ABS (45)	C/D		
Clio	1995 - 1996	REN ABS (4D)	C/D		
Clio	1995 - 1996	REN ABS (6F)	C/D		
Clio	1995 - 1996	REN ABS (Vdiag 18)	C/D		
Clio	1995 - 1996	REN ABS 02	C		
Clio	1995 - 1996	REN ABS BOSCH 2E	C		
Clio	1995 - 1996	REN ABS BOSCH 5.3 (I)	C/D		
Clio	1995 - 1996	REN ABS BOSCH 5.3 (II)	C/D		
Clio	1995 - 1996	REN ABS TEVES (06)	C/D	•	
Clio	1995 - 1996	REN ABS TEVES MK20I (01)	C/D	•	
Clio	1995 - 1996	REN ABS TEVES MK20I (02)	C/D	•	
Clio	1995 - 1996	REN ABS TEVES MK20I (03)	C/D	•	
Clio	1995 - 1996	REN ABS TEVES MK20I (04)	C/D	•	
Clio	1995 - 1996	REN ABS TEVES N31	C/D	•	
Clio	1995 - 1996	REN ABS/ESP TEVES MK60	C/D		
Clio	1995 - 1996	REN ISO ABS DEFAULT			
Clio II	1997 - 2007	REN ABS (02)	C/D		
Clio II	1997 - 2007	REN ABS (04)	C		
Clio II	1997 - 2007	REN ABS (05)	C/D		
Clio II	1997 - 2007	REN ABS (06)	C/D		
Clio II	1997 - 2007	REN ABS (08)	C		
Clio II	1997 - 2007	REN ABS (0C)	C		
Clio II	1997 - 2007	REN ABS (11)	C/D		
Clio II	1997 - 2007	REN ABS (13)	C/D		
Clio II	1997 - 2007	REN ABS (14)	C/D		
Clio II	1997 - 2007	REN ABS (1C)	C/D		
Clio II	1997 - 2007	REN ABS (45)	C/D		
Clio II	1997 - 2007	REN ABS (4D)	C/D		

## Antilock Brakes Continued

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Clio II	1997 - 2007	REN ABS (6F)	C/D		
Clio II	1997 - 2007	REN ABS (Vdiag 18)	C/D		
Clio II	1997 - 2007	REN ABS 02	C		
Clio II	1997 - 2007	REN ABS BOSCH 2E	C		
Clio II	1997 - 2007	REN ABS BOSCH 5.3 (I)	C/D		
Clio II	1997 - 2007	REN ABS BOSCH 5.3 (II)	C/D		
Clio II	1997 - 2007	REN ABS TEVES (06)	C/D	•	
Clio II	1997 - 2007	REN ABS TEVES MK20I (01)	C/D	•	
Clio II	1997 - 2007	REN ABS TEVES MK20I (02)	C/D	•	
Clio II	1997 - 2007	REN ABS TEVES MK20I (03)	C/D	•	
Clio II	1997 - 2007	REN ABS TEVES MK20I (04)	C/D	•	
Clio II	1997 - 2007	REN ABS TEVES N31	C/D	•	
Clio II	1997 - 2007	REN ABS/ESP TEVES MK60	C/D		
Clio II	1997 - 2007	REN ISO ABS DEFAULT			
Clio IV	2013 - 2013	Bosch-60 (ESP)	C/D		•
Clio IV	2013 - 2013	Bosch-61	C/D		•
Espace	1997 - 2003	REN ABS (02)	C/D		
Espace	1997 - 2003	REN ABS (04)	C		
Espace	1997 - 2003	REN ABS (05)	C/D		
Espace	1997 - 2003	REN ABS (06)	C/D		
Espace	1997 - 2003	REN ABS (08)	C		
Espace	1997 - 2003	REN ABS (0C)	C		
Espace	1997 - 2003	REN ABS (11)	C/D		
Espace	1997 - 2003	REN ABS (13)	C/D		
Espace	1997 - 2003	REN ABS (14)	C/D		
Espace	1997 - 2003	REN ABS (1C)	C/D		
Espace	1997 - 2003	REN ABS (45)	C/D		
Espace	1997 - 2003	REN ABS (4D)	C/D		
Espace	1997 - 2003	REN ABS (6F)	C/D		
Espace	1997 - 2003	REN ABS (Vdiag 18)	C/D		
Espace	1997 - 2003	REN ABS 02	C		
Espace	1997 - 2003	REN ABS BOSCH 2E	C		
Espace	1997 - 2003	REN ABS BOSCH 5.3 (I)	C/D		
Espace	1997 - 2003	REN ABS BOSCH 5.3 (II)	C/D		
Espace	1997 - 2003	REN ABS TEVES (06)	C/D	•	
Espace	1997 - 2003	REN ABS TEVES MK20I (01)	C/D	•	
Espace	1997 - 2003	REN ABS TEVES MK20I (02)	C/D	•	
Espace	1997 - 2003	REN ABS TEVES MK20I (03)	C/D	•	
Espace	1997 - 2003	REN ABS TEVES MK20I (04)	C/D	•	
Espace	1997 - 2003	REN ABS TEVES N31	C/D	•	
Espace	1997 - 2003	REN ABS/ESP TEVES MK60	C/D		
Espace	1997 - 2003	REN ISO ABS DEFAULT			
Espace IV	2003 - 2011	REN ABS (02)	C/D		
Espace IV	2003 - 2011	REN ABS (04)	C		
Espace IV	2003 - 2011	REN ABS (05)	C/D		
Espace IV	2003 - 2011	REN ABS (06)	C/D		
Espace IV	2003 - 2011	REN ABS (08)	C		
Espace IV	2003 - 2011	REN ABS (0C)	C		
Espace IV	2003 - 2011	REN ABS (11)	C/D		
Espace IV	2003 - 2011	REN ABS (13)	C/D		
Espace IV	2003 - 2011	REN ABS (14)	C/D		
Espace IV	2003 - 2011	REN ABS (1C)	C/D		
Espace IV	2003 - 2011	REN ABS (45)	C/D		

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flywheel, I - Injector Coding, O - Oil reset for DPF, P - Particulate Filter, R - Return, RA - Reset Adaptation, S - Steering Angle Sensor, E - Electronic Brake, J - Jumper, K - Key, L - Lock, M - Motor, N - Noise, O - Oil, P - Particulate Filter, R - Return, RA - Reset Adaptation, S - Steering Angle Sensor, T - Tire Pressure Monitoring, V - Valve, W - Warning, X - X-Drive, Y - Yaw Rate, Z - Z-Drive. Codes/Data: C - Codes, D - Data. Actuator Tests: • - Actuator Test. Special Functions: • - Special Function. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Antilock Brakes Continued

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Espace IV	2003 - 2011	REN ABS (4D)	C/D		
Espace IV	2003 - 2011	REN ABS (6F)	C/D		
Espace IV	2003 - 2011	REN ABS (Vdiag 18)	C/D		
Espace IV	2003 - 2011	REN ABS 02	C		
Espace IV	2003 - 2011	REN ABS BOSCH 2E	C		
Espace IV	2003 - 2011	REN ABS BOSCH 5.3 (I)	C/D		
Espace IV	2003 - 2011	REN ABS BOSCH 5.3 (II)	C/D		
Espace IV	2003 - 2011	REN ABS TEVES (06)	C/D	•	
Espace IV	2003 - 2011	REN ABS TEVES MK20I (01)	C/D	•	
Espace IV	2003 - 2011	REN ABS TEVES MK20I (02)	C/D	•	
Espace IV	2003 - 2011	REN ABS TEVES MK20I (03)	C/D	•	
Espace IV	2003 - 2011	REN ABS TEVES MK20I (04)	C/D	•	
Espace IV	2003 - 2011	REN ABS TEVES N31	C/D	•	
Espace IV	2003 - 2011	REN ABS/ESP TEVES MK60	C/D		
Espace IV	2003 - 2011	REN ISO ABS DEFAULT			
Fluence	2010 - 2013	M3-60 (ESP)	C/D	•	
Fluence	2010 - 2013	M3-61	C/D	•	
Kangoo	1998 - 2009	REN ABS (02)	C/D		
Kangoo	1998 - 2009	REN ABS (04)	C		
Kangoo	1998 - 2009	REN ABS (05)	C/D		
Kangoo	1998 - 2009	REN ABS (06)	C/D		
Kangoo	1998 - 2009	REN ABS (08)	C		
Kangoo	1998 - 2009	REN ABS (0C)	C		
Kangoo	1998 - 2009	REN ABS (11)	C/D		
Kangoo	1998 - 2009	REN ABS (13)	C/D		
Kangoo	1998 - 2009	REN ABS (14)	C/D		
Kangoo	1998 - 2009	REN ABS (1C)	C/D		
Kangoo	1998 - 2009	REN ABS (45)	C/D		
Kangoo	1998 - 2009	REN ABS (4D)	C/D		
Kangoo	1998 - 2009	REN ABS (6F)	C/D		
Kangoo	1998 - 2009	REN ABS (Vdiag 18)	C/D		
Kangoo	1998 - 2009	REN ABS 02	C		
Kangoo	1998 - 2009	REN ABS BOSCH 2E	C		
Kangoo	1998 - 2009	REN ABS BOSCH 5.3 (I)	C/D		
Kangoo	1998 - 2009	REN ABS BOSCH 5.3 (II)	C/D		
Kangoo	1998 - 2009	REN ABS TEVES (06)	C/D	•	
Kangoo	1998 - 2009	REN ABS TEVES MK20I (01)	C/D	•	
Kangoo	1998 - 2009	REN ABS TEVES MK20I (02)	C/D	•	
Kangoo	1998 - 2009	REN ABS TEVES MK20I (03)	C/D	•	
Kangoo	1998 - 2009	REN ABS TEVES MK20I (04)	C/D	•	
Kangoo	1998 - 2009	REN ABS TEVES N31	C/D	•	
Kangoo	1998 - 2009	REN ABS/ESP TEVES MK60	C/D		
Kangoo	1998 - 2009	REN ISO ABS DEFAULT			
Koleos	2008 - 2013	K-ABS-02	C/D	•	•
Laguna	1995 - 2001	REN ABS (02)	C/D		
Laguna	1995 - 2001	REN ABS (04)	C		
Laguna	1995 - 2001	REN ABS (05)	C/D		
Laguna	1995 - 2001	REN ABS (06)	C/D		
Laguna	1995 - 2001	REN ABS (08)	C		
Laguna	1995 - 2001	REN ABS (0C)	C		
Laguna	1995 - 2001	REN ABS (11)	C/D		
Laguna	1995 - 2001	REN ABS (13)	C/D		
Laguna	1995 - 2001	REN ABS (14)	C/D		
Laguna	1995 - 2001	REN ABS (1C)	C/D		

## Antilock Brakes Continued

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Laguna	1995 - 2001	REN ABS (1C)	C/D		
Laguna	1995 - 2001	REN ABS (45)	C/D		
Laguna	1995 - 2001	REN ABS (4D)	C/D		
Laguna	1995 - 2001	REN ABS (6F)	C/D		
Laguna	1995 - 2001	REN ABS (Vdiag 18)	C/D		
Laguna	1995 - 2001	REN ABS 02	C		
Laguna	1995 - 2001	REN ABS BOSCH 2E	C		
Laguna	1995 - 2001	REN ABS BOSCH 5.3 (I)	C/D		
Laguna	1995 - 2001	REN ABS BOSCH 5.3 (II)	C/D		
Laguna	1995 - 2001	REN ABS TEVES (06)	C/D	•	
Laguna	1995 - 2001	REN ABS TEVES MK20I (01)	C/D	•	
Laguna	1995 - 2001	REN ABS TEVES MK20I (02)	C/D	•	
Laguna	1995 - 2001	REN ABS TEVES MK20I (03)	C/D	•	
Laguna	1995 - 2001	REN ABS TEVES MK20I (04)	C/D	•	
Laguna	1995 - 2001	REN ABS TEVES N31	C/D	•	
Laguna	1995 - 2001	REN ABS/ESP TEVES MK60	C/D		
Laguna	1995 - 2001	REN ISO ABS DEFAULT			
Laguna 1Ph2	1998 - 2001	REN ABS (02)	C/D		
Laguna 1Ph2	1998 - 2001	REN ABS (04)	C		
Laguna 1Ph2	1998 - 2001	REN ABS (05)	C/D		
Laguna 1Ph2	1998 - 2001	REN ABS (06)	C/D		
Laguna 1Ph2	1998 - 2001	REN ABS (08)	C		
Laguna 1Ph2	1998 - 2001	REN ABS (0C)	C		
Laguna 1Ph2	1998 - 2001	REN ABS (11)	C/D		
Laguna 1Ph2	1998 - 2001	REN ABS (13)	C/D		
Laguna 1Ph2	1998 - 2001	REN ABS (14)	C/D		
Laguna 1Ph2	1998 - 2001	REN ABS (1C)	C/D		
Laguna 1Ph2	1998 - 2001	REN ABS (45)	C/D		
Laguna 1Ph2	1998 - 2001	REN ABS (4D)	C/D		
Laguna 1Ph2	1998 - 2001	REN ABS (6F)	C/D		
Laguna 1Ph2	1998 - 2001	REN ABS (Vdiag 18)	C/D		
Laguna 1Ph2	1998 - 2001	REN ABS 02	C		
Laguna 1Ph2	1998 - 2001	REN ABS BOSCH 2E	C		
Laguna 1Ph2	1998 - 2001	REN ABS BOSCH 5.3 (I)	C/D		
Laguna 1Ph2	1998 - 2001	REN ABS BOSCH 5.3 (II)	C/D		
Laguna 1Ph2	1998 - 2001	REN ABS TEVES (06)	C/D	•	
Laguna 1Ph2	1998 - 2001	REN ABS TEVES MK20I (01)	C/D	•	
Laguna 1Ph2	1998 - 2001	REN ABS TEVES MK20I (02)	C/D	•	
Laguna 1Ph2	1998 - 2001	REN ABS TEVES MK20I (03)	C/D	•	
Laguna 1Ph2	1998 - 2001	REN ABS TEVES MK20I (04)	C/D	•	
Laguna 1Ph2	1998 - 2001	REN ABS TEVES N31	C/D	•	
Laguna 1Ph2	1998 - 2001	REN ABS/ESP TEVES MK60	C/D		
Laguna 1Ph2	1998 - 2001	REN ISO ABS DEFAULT			
Laguna II	2001 - 2007	REN ABS (02)	C/D		
Laguna II	2001 - 2007	REN ABS (04)	C		
Laguna II	2001 - 2007	REN ABS (05)	C/D		
Laguna II	2001 - 2007	REN ABS (06)	C/D		
Laguna II	2001 - 2007	REN ABS (08)	C		
Laguna II	2001 - 2007	REN ABS (0C)	C		
Laguna II	2001 - 2007	REN ABS (11)	C/D		
Laguna II	2001 - 2007	REN ABS (13)	C/D		
Laguna II	2001 - 2007	REN ABS (14)	C/D		
Laguna II	2001 - 2007	REN ABS (1C)	C/D		

## Antilock Brakes Continued

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Laguna II	2001 - 2007	REN ABS (45)	C/D		
Laguna II	2001 - 2007	REN ABS (4D)	C/D		
Laguna II	2001 - 2007	REN ABS (6F)	C/D		
Laguna II	2001 - 2007	REN ABS (Vdiag 18)	C/D		
Laguna II	2001 - 2007	REN ABS 02	C		
Laguna II	2001 - 2007	REN ABS BOSCH 2E	C		
Laguna II	2001 - 2007	REN ABS BOSCH 5.3 (I)	C/D		
Laguna II	2001 - 2007	REN ABS BOSCH 5.3 (II)	C/D		
Laguna II	2001 - 2007	REN ABS TEVES (06)	C/D	•	
Laguna II	2001 - 2007	REN ABS TEVES MK20I (01)	C/D	•	
Laguna II	2001 - 2007	REN ABS TEVES MK20I (02)	C/D	•	
Laguna II	2001 - 2007	REN ABS TEVES MK20I (03)	C/D	•	
Laguna II	2001 - 2007	REN ABS TEVES MK20I (04)	C/D	•	
Laguna II	2001 - 2007	REN ABS TEVES N31	C/D	•	
Laguna II	2001 - 2007	REN ABS/ESP TEVES MK60	C/D		
Laguna II	2001 - 2007	REN ISO ABS DEFAULT			
Laguna III	2007 - 2010	L3-ABS_60	C/D	•	•
Laguna III	2007 - 2010	L3-ABS_61	C/D	•	•
Laguna III Coupe	2007 - 2013	L3-ABS_60	C/D	•	•
Laguna III Coupe	2007 - 2013	L3-ABS_61	C/D	•	•
Laguna III Ph2	2011 - 2013	L3-ABS_60	C/D	•	•
Laguna III Ph2	2011 - 2013	L3-ABS_61	C/D	•	•
Master	1998 - 2010	REN ABS (02)	C/D		
Master	1998 - 2010	REN ABS (04)	C		
Master	1998 - 2010	REN ABS (05)	C/D		
Master	1998 - 2010	REN ABS (06)	C/D		
Master	1998 - 2010	REN ABS (08)	C		
Master	1998 - 2010	REN ABS (0C)	C		
Master	1998 - 2010	REN ABS (11)	C/D		
Master	1998 - 2010	REN ABS (13)	C/D		
Master	1998 - 2010	REN ABS (14)	C/D		
Master	1998 - 2010	REN ABS (1C)	C/D		
Master	1998 - 2010	REN ABS (45)	C/D		
Master	1998 - 2010	REN ABS (4D)	C/D		
Master	1998 - 2010	REN ABS (6F)	C/D		
Master	1998 - 2010	REN ABS (Vdiag 18)	C/D		
Master	1998 - 2010	REN ABS 02	C		
Master	1998 - 2010	REN ABS BOSCH 2E	C		
Master	1998 - 2010	REN ABS BOSCH 5.3 (I)	C/D		
Master	1998 - 2010	REN ABS BOSCH 5.3 (II)	C/D		
Master	1998 - 2010	REN ABS TEVES (06)	C/D	•	
Master	1998 - 2010	REN ABS TEVES MK20I (01)	C/D	•	
Master	1998 - 2010	REN ABS TEVES MK20I (02)	C/D	•	
Master	1998 - 2010	REN ABS TEVES MK20I (03)	C/D	•	
Master	1998 - 2010	REN ABS TEVES MK20I (04)	C/D	•	
Master	1998 - 2010	REN ABS TEVES N31	C/D	•	
Master	1998 - 2010	REN ABS/ESP TEVES MK60	C/D		
Master	1998 - 2010	REN ISO ABS DEFAULT			
Master III	2010 - 2013	ESP-10	C		
Master III	2010 - 2013	ESP-12	C/D		
Master III	2010 - 2013	ESP-14	C/D		
Megane	1996 - 2004	REN ABS (02)	C/D		
Megane	1996 - 2004	REN ABS (04)	C		
Megane	1996 - 2004	REN ABS (05)	C/D		

## Antilock Brakes Continued

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Megane	1996 - 2004	REN ABS (06)	C/D		
Megane	1996 - 2004	REN ABS (08)	C		
Megane	1996 - 2004	REN ABS (0C)	C		
Megane	1996 - 2004	REN ABS (11)	C/D		
Megane	1996 - 2004	REN ABS (13)	C/D		
Megane	1996 - 2004	REN ABS (14)	C/D		
Megane	1996 - 2004	REN ABS (1C)	C/D		
Megane	1996 - 2004	REN ABS (45)	C/D		
Megane	1996 - 2004	REN ABS (4D)	C/D		
Megane	1996 - 2004	REN ABS (6F)	C/D		
Megane	1996 - 2004	REN ABS (Vdiag 18)	C/D		
Megane	1996 - 2004	REN ABS 02	C		
Megane	1996 - 2004	REN ABS BOSCH 2E	C		
Megane	1996 - 2004	REN ABS BOSCH 5.3 (I)	C/D		
Megane	1996 - 2004	REN ABS BOSCH 5.3 (II)	C/D		
Megane	1996 - 2004	REN ABS TEVES (06)	C/D	•	
Megane	1996 - 2004	REN ABS TEVES MK20I (01)	C/D	•	
Megane	1996 - 2004	REN ABS TEVES MK20I (02)	C/D	•	
Megane	1996 - 2004	REN ABS TEVES MK20I (03)	C/D	•	
Megane	1996 - 2004	REN ABS TEVES MK20I (04)	C/D	•	
Megane	1996 - 2004	REN ABS TEVES N31	C/D	•	
Megane	1996 - 2004	REN ABS/ESP TEVES MK60	C/D		
Megane	1996 - 2004	REN ISO ABS DEFAULT			
Megane III	2008 - 2013	M3-60 (ESP)	C/D	•	
Megane III	2008 - 2013	M3-61	C/D	•	
Megane III Coupe	2008 - 2013	M3-60 (ESP)	C/D	•	
Megane III Coupe	2008 - 2013	M3-61	C/D	•	
Renault Sport Clio II	2000 - 2005	REN ABS (02)	C/D		
Renault Sport Clio II	2000 - 2005	REN ABS (04)	C		
Renault Sport Clio II	2000 - 2005	REN ABS (05)	C/D		
Renault Sport Clio II	2000 - 2005	REN ABS (06)	C/D		
Renault Sport Clio II	2000 - 2005	REN ABS (08)	C		
Renault Sport Clio II	2000 - 2005	REN ABS (0C)	C		
Renault Sport Clio II	2000 - 2005	REN ABS (11)	C/D		
Renault Sport Clio II	2000 - 2005	REN ABS (13)	C/D		
Renault Sport Clio II	2000 - 2005	REN ABS (14)	C/D		
Renault Sport Clio II	2000 - 2005	REN ABS (1C)	C/D		
Renault Sport Clio II	2000 - 2005	REN ABS (45)	C/D		
Renault Sport Clio II	2000 - 2005	REN ABS (4D)	C/D		
Renault Sport Clio II	2000 - 2005	REN ABS (6F)	C/D		
Renault Sport Clio II	2000 - 2005	REN ABS (Vdiag 18)	C/D		
Renault Sport Clio II	2000 - 2005	REN ABS 02	C		
Renault Sport Clio II	2000 - 2005	REN ABS BOSCH 2E	C		
Renault Sport Clio II	2000 - 2005	REN ABS BOSCH 5.3 (I)	C/D		
Renault Sport Clio II	2000 - 2005	REN ABS BOSCH 5.3 (II)	C/D		
Renault Sport Clio II	2000 - 2005	REN ABS TEVES (06)	C/D	•	
Renault Sport Clio II	2000 - 2005	REN ABS TEVES MK20I (01)	C/D	•	
Renault Sport Clio II	2000 - 2005	REN ABS TEVES MK20I (02)	C/D	•	
Renault Sport Clio II	2000 - 2005	REN ABS TEVES MK20I (03)	C/D	•	
Renault Sport Clio II	2000 - 2005	REN ABS TEVES MK20I (04)	C/D	•	
Renault Sport Clio II	2000 - 2005	REN ABS TEVES N31	C/D	•	
Renault Sport Clio II	2000 - 2005	REN ABS/ESP TEVES MK60	C/D		
Renault Sport Clio II	2000 - 2005	REN ISO ABS DEFAULT			

## Antilock Brakes Continued

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Renault Sport Clio IV	2013 - 2013	Bosch-60 (ESP)	C/D		•
Renault Sport Clio IV	2013 - 2013	Bosch-61	C/D		•
Renault Sport Clio V6	2000 - 2006	REN ABS (02)	C/D		
Renault Sport Clio V6	2000 - 2006	REN ABS (04)	C		
Renault Sport Clio V6	2000 - 2006	REN ABS (05)	C/D		
Renault Sport Clio V6	2000 - 2006	REN ABS (06)	C/D		
Renault Sport Clio V6	2000 - 2006	REN ABS (08)	C		
Renault Sport Clio V6	2000 - 2006	REN ABS (0C)	C		
Renault Sport Clio V6	2000 - 2006	REN ABS (11)	C/D		
Renault Sport Clio V6	2000 - 2006	REN ABS (13)	C/D		
Renault Sport Clio V6	2000 - 2006	REN ABS (14)	C/D		
Renault Sport Clio V6	2000 - 2006	REN ABS (1C)	C/D		
Renault Sport Clio V6	2000 - 2006	REN ABS (45)	C/D		
Renault Sport Clio V6	2000 - 2006	REN ABS (4D)	C/D		
Renault Sport Clio V6	2000 - 2006	REN ABS (6F)	C/D		
Renault Sport Clio V6	2000 - 2006	REN ABS (Vdiag 18)	C/D		
Renault Sport Clio V6	2000 - 2006	REN ABS 02	C		
Renault Sport Clio V6	2000 - 2006	REN ABS BOSCH 2E	C		
Renault Sport Clio V6	2000 - 2006	REN ABS BOSCH 5.3 (I)	C/D		
Renault Sport Clio V6	2000 - 2006	REN ABS BOSCH 5.3 (II)	C/D		
Renault Sport Clio V6	2000 - 2006	REN ABS TEVES (06)	C/D	•	
Renault Sport Clio V6	2000 - 2006	REN ABS TEVES MK20I (01)	C/D	•	
Renault Sport Clio V6	2000 - 2006	REN ABS TEVES MK20I (02)	C/D	•	
Renault Sport Clio V6	2000 - 2006	REN ABS TEVES MK20I (03)	C/D	•	
Renault Sport Clio V6	2000 - 2006	REN ABS TEVES MK20I (04)	C/D	•	
Renault Sport Clio V6	2000 - 2006	REN ABS TEVES N31	C/D	•	
Renault Sport Clio V6	2000 - 2006	REN ABS/ESP TEVES MK60	C/D		
Renault Sport Clio V6	2000 - 2006	REN ISO ABS DEFAULT			
Renault Sport Megane III	2008 - 2013	M3-60 (ESP)	C/D	•	
Renault Sport Megane III	2008 - 2013	M3-61	C/D	•	
Safrane	1997 - 2000	REN ABS (02)	C/D		
Safrane	1997 - 2000	REN ABS (04)	C		
Safrane	1997 - 2000	REN ABS (05)	C/D		
Safrane	1997 - 2000	REN ABS (06)	C/D		
Safrane	1997 - 2000	REN ABS (08)	C		
Safrane	1997 - 2000	REN ABS (0C)	C		
Safrane	1997 - 2000	REN ABS (11)	C/D		
Safrane	1997 - 2000	REN ABS (13)	C/D		
Safrane	1997 - 2000	REN ABS (14)	C/D		
Safrane	1997 - 2000	REN ABS (1C)	C/D		
Safrane	1997 - 2000	REN ABS (45)	C/D		
Safrane	1997 - 2000	REN ABS (4D)	C/D		
Safrane	1997 - 2000	REN ABS (6F)	C/D		
Safrane	1997 - 2000	REN ABS (Vdiag 18)	C/D		
Safrane	1997 - 2000	REN ABS 02	C		
Safrane	1997 - 2000	REN ABS BOSCH 2E	C		
Safrane	1997 - 2000	REN ABS BOSCH 5.3 (I)	C/D		
Safrane	1997 - 2000	REN ABS BOSCH 5.3 (II)	C/D		
Safrane	1997 - 2000	REN ABS TEVES (06)	C/D	•	
Safrane	1997 - 2000	REN ABS TEVES MK20I (01)	C/D	•	
Safrane	1997 - 2000	REN ABS TEVES MK20I (02)	C/D	•	
Safrane	1997 - 2000	REN ABS TEVES MK20I (03)	C/D	•	

## Antilock Brakes Continued

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Safrane	1997 - 2000	REN ABS TEVES MK20I (04)	C/D	•	
Safrane	1997 - 2000	REN ABS TEVES N31	C/D	•	
Safrane	1997 - 2000	REN ABS/ESP TEVES MK60	C/D		
Safrane	1997 - 2000	REN ISO ABS DEFAULT			
Scenic	1997 - 2004	REN ABS (02)	C/D		
Scenic	1997 - 2004	REN ABS (04)	C		
Scenic	1997 - 2004	REN ABS (05)	C/D		
Scenic	1997 - 2004	REN ABS (06)	C/D		
Scenic	1997 - 2004	REN ABS (08)	C		
Scenic	1997 - 2004	REN ABS (0C)	C		
Scenic	1997 - 2004	REN ABS (11)	C/D		
Scenic	1997 - 2004	REN ABS (13)	C/D		
Scenic	1997 - 2004	REN ABS (14)	C/D		
Scenic	1997 - 2004	REN ABS (1C)	C/D		
Scenic	1997 - 2004	REN ABS (45)	C/D		
Scenic	1997 - 2004	REN ABS (4D)	C/D		
Scenic	1997 - 2004	REN ABS (6F)	C/D		
Scenic	1997 - 2004	REN ABS (Vdiag 18)	C/D		
Scenic	1997 - 2004	REN ABS 02	C		
Scenic	1997 - 2004	REN ABS BOSCH 2E	C		
Scenic	1997 - 2004	REN ABS BOSCH 5.3 (I)	C/D		
Scenic	1997 - 2004	REN ABS BOSCH 5.3 (II)	C/D		
Scenic	1997 - 2004	REN ABS TEVES (06)	C/D	•	
Scenic	1997 - 2004	REN ABS TEVES MK20I (01)	C/D	•	
Scenic	1997 - 2004	REN ABS TEVES MK20I (02)	C/D	•	
Scenic	1997 - 2004	REN ABS TEVES MK20I (03)	C/D	•	
Scenic	1997 - 2004	REN ABS TEVES MK20I (04)	C/D	•	
Scenic	1997 - 2004	REN ABS TEVES N31	C/D	•	
Scenic	1997 - 2004	REN ABS/ESP TEVES MK60	C/D		
Scenic	1997 - 2004	REN ISO ABS DEFAULT			
Scenic III	2008 - 2012	M3-60 (ESP)	C/D	•	
Scenic III	2008 - 2012	M3-61	C/D	•	
Scenic IV/XMOD	2013 - 2013	M3-60 (ESP)	C/D	•	
Scenic IV/XMOD	2013 - 2013	M3-61	C/D	•	
Spider	1997 - 2000	REN ABS (02)	C/D		
Spider	1997 - 2000	REN ABS (04)	C		
Spider	1997 - 2000	REN ABS (05)	C/D		
Spider	1997 - 2000	REN ABS (06)	C/D		
Spider	1997 - 2000	REN ABS (08)	C		
Spider	1997 - 2000	REN ABS (0C)	C		
Spider	1997 - 2000	REN ABS (11)	C/D		
Spider	1997 - 2000	REN ABS (13)	C/D		
Spider	1997 - 2000	REN ABS (14)	C/D		
Spider	1997 - 2000	REN ABS (1C)	C/D		
Spider	1997 - 2000	REN ABS (45)	C/D		
Spider	1997 - 2000	REN ABS (4D)	C/D		
Spider	1997 - 2000	REN ABS (6F)	C/D		
Spider	1997 - 2000	REN ABS (Vdiag 18)	C/D		
Spider	1997 - 2000	REN ABS 02	C		
Spider	1997 - 2000	REN ABS BOSCH 2E	C		
Spider	1997 - 2000	REN ABS BOSCH 5.3 (I)	C/D		
Spider	1997 - 2000	REN ABS BOSCH 5.3 (II)	C/D		
Spider	1997 - 2000	REN ABS TEVES (06)	C/D	•	
Spider	1997 - 2000	REN ABS TEVES MK20I (01)	C/D	•	
Spider	1997 - 2000	REN ABS TEVES MK20I (02)	C/D	•	
Spider	1997 - 2000	REN ABS TEVES (06)	C/D	•	

Key for Special Functions: BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - ECU, F - Flywheel, I - Injector Coding, O - Oil reset for DPF, P - Particulate Filter, R - Return, RA - Reset Adaptations, S - Steering Angle Sensor, E - Electronic Brake, JA - Type Auto or Type Semi Auto, \* - Other (see table on page 26) Dark grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



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 Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, Jk- Jumper or Type Sem Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Antilock Brakes Continued

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Spider	1997 - 2000	REN ABS TEVES MK20I (01)	C/D	•	
Spider	1997 - 2000	REN ABS TEVES MK20I (02)	C/D	•	
Spider	1997 - 2000	REN ABS TEVES MK20I (03)	C/D	•	
Spider	1997 - 2000	REN ABS TEVES MK20I (04)	C/D	•	
Spider	1997 - 2000	REN ABS TEVES N31	C/D	•	
Spider	1997 - 2000	REN ABS/ESP TEVES MK60	C/D		
Spider	1997 - 2000	REN ISO ABS DEFAULT			
System ID Mode	1995 - 1995	L3-ABS_60	C/D	•	
System ID Mode	1995 - 1995	L3-ABS_61	C/D	•	
Trafic II	2000 - 2012	REN ABS (02)	C/D		
Trafic II	2000 - 2012	REN ABS (04)	C		
Trafic II	2000 - 2012	REN ABS (05)	C/D		
Trafic II	2000 - 2012	REN ABS (06)	C/D		
Trafic II	2000 - 2012	REN ABS (08)	C		
Trafic II	2000 - 2012	REN ABS (0C)	C		
Trafic II	2000 - 2012	REN ABS (11)	C/D		
Trafic II	2000 - 2012	REN ABS (13)	C/D		
Trafic II	2000 - 2012	REN ABS (14)	C/D		
Trafic II	2000 - 2012	REN ABS (1C)	C/D		
Trafic II	2000 - 2012	REN ABS (45)	C/D		
Trafic II	2000 - 2012	REN ABS (4D)	C/D		
Trafic II	2000 - 2012	REN ABS (6F)	C/D		
Trafic II	2000 - 2012	REN ABS (Vdiag 18)	C/D		
Trafic II	2000 - 2012	REN ABS 02	C		
Trafic II	2000 - 2012	REN ABS BOSCH 2E	C		
Trafic II	2000 - 2012	REN ABS BOSCH 5.3 (I)	C/D		
Trafic II	2000 - 2012	REN ABS BOSCH 5.3 (II)	C/D		
Trafic II	2000 - 2012	REN ABS TEVES (06)	C/D	•	
Trafic II	2000 - 2012	REN ABS TEVES MK20I (01)	C/D	•	
Trafic II	2000 - 2012	REN ABS TEVES MK20I (02)	C/D	•	
Trafic II	2000 - 2012	REN ABS TEVES MK20I (03)	C/D	•	
Trafic II	2000 - 2012	REN ABS TEVES MK20I (04)	C/D	•	
Trafic II	2000 - 2012	REN ABS TEVES N31	C/D	•	
Trafic II	2000 - 2012	REN ABS/ESP TEVES MK60	C/D		
Trafic II	2000 - 2012	REN ISO ABS DEFAULT			
Trafic II Ph3	2013 - 2013	REN ABS (02)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (04)	C		
Trafic II Ph3	2013 - 2013	REN ABS (05)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (06)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (08)	C		
Trafic II Ph3	2013 - 2013	REN ABS (0C)	C		
Trafic II Ph3	2013 - 2013	REN ABS (11)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (13)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (14)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (1C)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (45)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (4D)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (6F)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (Vdiag 18)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS 02	C		
Trafic II Ph3	2013 - 2013	REN ABS BOSCH 2E	C		
Trafic II Ph3	2013 - 2013	REN ABS BOSCH 5.3 (I)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS BOSCH 5.3 (II)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS BOSCH 5.3 (II)	C/D		

## Antilock Brakes Continued

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Trafic II Ph3	2013 - 2013	REN ABS TEVES (06)	C/D	•	
Trafic II Ph3	2013 - 2013	REN ABS TEVES MK20I (01)	C/D	•	
Trafic II Ph3	2013 - 2013	REN ABS TEVES MK20I (02)	C/D	•	
Trafic II Ph3	2013 - 2013	REN ABS TEVES MK20I (03)	C/D	•	
Trafic II Ph3	2013 - 2013	REN ABS TEVES MK20I (04)	C/D	•	
Trafic II Ph3	2013 - 2013	REN ABS TEVES N31	C/D	•	
Trafic II Ph3	2013 - 2013	REN ABS/ESP TEVES MK60	C/D		
Trafic II Ph3	2013 - 2013	REN ISO ABS DEFAULT			
Trafic II Ph3	2013 - 2013	REN ABS (02)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (04)	C		
Trafic II Ph3	2013 - 2013	REN ABS (05)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (06)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (08)	C		
Trafic II Ph3	2013 - 2013	REN ABS (0C)	C		
Trafic II Ph3	2013 - 2013	REN ABS (11)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (13)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (14)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (1C)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (45)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (4D)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (6F)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS (Vdiag 18)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS 02	C		
Trafic II Ph3	2013 - 2013	REN ABS BOSCH 2E	C		
Trafic II Ph3	2013 - 2013	REN ABS BOSCH 5.3 (I)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS BOSCH 5.3 (II)	C/D		
Trafic II Ph3	2013 - 2013	REN ABS TEVES (06)	C/D	•	

## Antilock Brakes Continued

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Vel Satis	2001 - 2007	REN ABS TEVES MK20I (01)	C/D	•	
Vel Satis	2001 - 2007	REN ABS TEVES MK20I (02)	C/D	•	
Vel Satis	2001 - 2007	REN ABS TEVES MK20I (03)	C/D	•	
Vel Satis	2001 - 2007	REN ABS TEVES MK20I (04)	C/D	•	
Vel Satis	2001 - 2007	REN ABS TEVES N31	C/D	•	
Vel Satis	2001 - 2007	REN ABS/ESP TEVES MK60	C/D		
Vel Satis	2001 - 2007	REN ISO ABS DEFAULT			

## Auto Transmission

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
19	1995 - 1996	REN AD4/AD8/ADR	C/D		
19	1995 - 1996	REN ISO TRANSMISSION DEFAULT			
19	1995 - 1996	REN MB1/MB3 (1)	C		
19	1995 - 1996	REN MB1/MB3 (2)	C		
19	1995 - 1996	REN SIEMENS	C		
19	1995 - 1996	REN VOLVO TRANSMISSION	C		
Clio	1996 - 1996	REN AD4/AD8/ADR	C/D		
Clio	1996 - 1996	REN ISO TRANSMISSION DEFAULT			
Clio	1996 - 1996	REN MB1/MB3 (1)	C		
Clio	1996 - 1996	REN MB1/MB3 (2)	C		
Clio	1996 - 1996	REN SIEMENS	C		
Clio	1996 - 1996	REN VOLVO TRANSMISSION	C		
Espace	1995 - 1997	REN AD4/AD8/ADR	C/D		
Espace	1995 - 1997	REN ISO TRANSMISSION DEFAULT			
Espace	1995 - 1997	REN MB1/MB3 (1)	C		
Espace	1995 - 1997	REN MB1/MB3 (2)	C		
Espace	1995 - 1997	REN SIEMENS	C		
Espace	1995 - 1997	REN VOLVO TRANSMISSION	C		
Express	1996 - 1996	REN AD4/AD8/ADR	C/D		
Express	1996 - 1996	REN ISO TRANSMISSION DEFAULT			
Express	1996 - 1996	REN MB1/MB3 (1)	C		
Express	1996 - 1996	REN MB1/MB3 (2)	C		
Express	1996 - 1996	REN SIEMENS	C		
Express	1996 - 1996	REN VOLVO TRANSMISSION	C		
Fluence	2010 - 2013	FKO-6B	C/D	•	•
Fluence	2010 - 2013	L3-AJ0	C/D		
Fluence	2010 - 2013	M3-035	C/D		
Koleos	2008 - 2013	K-AT-46	C/D		
Laguna	1995 - 1997	REN AD4/AD8/ADR	C/D		
Laguna	1995 - 1997	REN ISO TRANSMISSION DEFAULT			
Laguna	1995 - 1997	REN MB1/MB3 (1)	C		
Laguna	1995 - 1997	REN MB1/MB3 (2)	C		
Laguna	1995 - 1997	REN SIEMENS	C		
Laguna	1995 - 1997	REN VOLVO TRANSMISSION	C		
Laguna III	2007 - 2010	L3-AJ0	C/D		
Laguna III Coupe	2007 - 2013	L3-AJ0	C/D		
Laguna III Ph2	2011 - 2013	L3-AJ0	C/D		
Megane III	2008 - 2013	FKO-6B	C/D	•	•
Megane III	2008 - 2013	L3-AJ0	C/D		
Megane III	2008 - 2013	M3-035	C/D		

## Auto Transmission Continued

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Megane III Coupe	2008 - 2013	FKO-6B	C/D	•	•
Megane III Coupe	2008 - 2013	L3-AJ0	C/D		
Megane III Coupe	2008 - 2013	M3-035	C/D		
Renault Sport Clio IV	2013 - 2013	EDC-36	C/D		•
Renault Sport Megane III	2008 - 2013	FKO-6B	C/D	•	•
Renault Sport Megane III	2008 - 2013	L3-AJ0	C/D		
Renault Sport Megane III	2008 - 2013	M3-035	C/D		
Safrane	1995 - 1995	REN AD4/ADR	C/D		
Safrane	1995 - 1995	REN ISO TRANSMISSION DEFAULT			
Safrane	1995 - 1995	REN MB1/MB3 (1)	C		
Safrane	1995 - 1995	REN MB1/MB3 (2)	C		
Safrane	1995 - 1995	REN SIEMENS	C		
Safrane	1995 - 1995	REN VOLVO TRANSMISSION	C		
Safrane	1995 - 1996	Renault Safrane Transmission AD8	C/D		
Scenic III	2008 - 2012	FKO-6B	C/D	•	•
Scenic III	2008 - 2012	L3-AJ0	C/D		
Scenic III	2008 - 2012	M3-035	C/D		
Scenic IV/XMOD	2013 - 2013	FKO-6B	C/D	•	•
Scenic IV/XMOD	2013 - 2013	L3-AJ0	C/D		
Scenic IV/XMOD	2013 - 2013	M3-035	C/D		
System ID Mode	1995 - 1995	REN AD4/ADR	C/D		
System ID Mode	1995 - 1995	REN ISO TRANSMISSION DEFAULT			
System ID Mode	1995 - 1995	REN MB1/MB3 (1)	C		
System ID Mode	1995 - 1995	REN MB1/MB3 (2)	C		
System ID Mode	1995 - 1995	REN SIEMENS	C		
System ID Mode	1995 - 1995	REN VOLVO TRANSMISSION	C		

## Instrument Panel

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Clio III	2004 - 2009	REN Clio III CAN Instrument	C/D	•	
Clio III Ph 2	2009 - 2012	REN Clio III CAN Instrument	C/D	•	
Koleos	2008 - 2013	K-INS-68	C/D		
Laguna III	2007 - 2010	L3-INS-00	C/D		
Laguna III	2007 - 2010	L3-INS-5B	C/D		
Laguna III Coupe	2007 - 2013	L3-INS-00	C/D		
Laguna III Coupe	2007 - 2013	L3-INS-5B	C/D		
Laguna III Ph 2	2011 - 2013	L3-INS-00	C/D		
Laguna III Ph 2	2011 - 2013	L3-INS-5B	C/D		
Megane II	2003 - 2009	REN CAN Instrument Panel Rev A	C/D		
Megane II	2003 - 2009	REN Meganell CAN Instrument	C/D		
Megane III	2008 - 2013	M3-INS-00	C/D		
Megane III	2008 - 2013	M3-INS-01	C/D		
Megane III	2008 - 2013	M3-INS-02	C/D		
Megane III	2008 - 2013	M3-INS-03	C/D		
Megane III	2008 - 2013	M3-INS-26	C/D		
Megane III	2008 - 2013	M3-INS-5F	C/D		
Megane III Coupe	2008 - 2013	M3-INS-00	C/D		
Megane III Coupe	2008 - 2013	M3-INS-01	C/D		
Megane III Coupe	2008 - 2013	M3-INS-02	C/D		
Megane III Coupe	2008 - 2013	M3-INS-03	C/D		

## Instrument Panel Continued

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Megane III Coupe	2008 - 2013	M3-INS-26	C/D		
Megane III Coupe	2008 - 2013	M3-INS-5F	C/D		
Modus	2004 - 2009	REN Modus CAN Instrument	C/D	•	
Modus	2010 - 2011	Modus Instrument	C/D	•	
Renault Sport Clio III	2004 - 2012	REN Clio III CAN Instrument	C/D	•	
Renault Sport Megane II	2003 - 2007	REN CAN Instrument Panel Rev A	C/D		
Renault Sport Megane II	2003 - 2007	REN Meganell CAN Instrument	C/D		
Renault Sport Megane III	2008 - 2013	M3-INS-00	C/D		
Renault Sport Megane III	2008 - 2013	M3-INS-01	C/D		
Renault Sport Megane III	2008 - 2013	M3-INS-02	C/D		
Renault Sport Megane III	2008 - 2013	M3-INS-03	C/D		
Renault Sport Megane III	2008 - 2013	M3-INS-26	C/D		
Renault Sport Megane III	2008 - 2013	M3-INS-5F	C/D		
Scenic II	2003 - 2004	REN CAN Instrument Panel Rev A	C/D		
Scenic II	2003 - 2004	REN Meganell CAN Instrument	C/D		
Scenic III	2008 - 2012	M3-INS-00	C/D		
Scenic III	2008 - 2012	M3-INS-01	C/D		
Scenic III	2008 - 2012	M3-INS-02	C/D		
Scenic III	2008 - 2012	M3-INS-03	C/D		
Scenic III	2008 - 2012	M3-INS-26	C/D		
Scenic III	2008 - 2012	M3-INS-5F	C/D		
Scenic IV/XMOD	2013 - 2013	M3-INS-00	C/D		
Scenic IV/XMOD	2013 - 2013	M3-INS-01	C/D		
Scenic IV/XMOD	2013 - 2013	M3-INS-02	C/D		
Scenic IV/XMOD	2013 - 2013	M3-INS-03	C/D		
Scenic IV/XMOD	2013 - 2013	M3-INS-26	C/D		
Scenic IV/XMOD	2013 - 2013	M3-INS-5F	C/D		
Twingo II	2007 - 2013	REN New Twingo CAN Instruments	C/D	•	

## Other

RENAULT					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Laguna III Coupe	2007 - 2010	4WS-05	C/D		• 4 Wheel Steering
Megane II	2003 - 2009	REN ABS 8.0	C/D		Anti Lock Brakes
Clio II	2004 - 2009	REN ABS 8.0	C/D		Anti Lock Brakes
Clio III Ph 2	2009 - 2012	REN ABS 8.0	C/D		Anti Lock Brakes
Kangoo II	2008 - 2013	REN ABS 8.1	C/D		Anti Lock Brakes
Modus	2004 - 2011	REN ABS 8.0	C/D		Anti Lock Brakes
Renault Sport Clio III	2004 - 2012	REN ABS 8.0	C/D		Anti Lock Brakes
Renault Sport Megane II	2003 - 2007	REN ABS 8.0	C/D		Anti Lock Brakes
Renault Sport Twingo	2008 - 2013	REN MK70 ABS	C/D		Anti Lock Brakes
Scenic II	2003 - 2009	REN ABS 8.0	C/D		Anti Lock Brakes
Twingo II	2007 - 2013	REN MK70 ABS	C/D		Anti Lock Brakes
Wind Roadster	2010 - 2013	REN ABS 8.0	C/D		Anti Lock Brakes
Scenic IV/XMOD	2013 - 2013	UCH 0E	C/D	•	Body System

## Other Continued

RENAULT						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Renault Sport Megane III	2008 - 2013	UCH 0E	C/D	•		Body System
Scenic III	2008 - 2012	UCH 0E	C/D	•		Body System
Megane III Coupe	2008 - 2013	UCH 0E	C/D	•		Body System
Megane III	2008 - 2013	UCH 0E	C/D	•		Body System
Kangoo II	2008 - 2013	REN Clio III CAN UCH	C/D	•	•	Body System
Kangoo II	2008 - 2013	K2-UCH-09	C/D			Body System
Koleos	2008 - 2013	K-UCH-00	C/D			Body System
Fluence	2010 - 2013	UCH 0E	C/D	•		Body System
Master III	2010 - 2013	UCH-04	C/D	•		Body System
Master III	2010 - 2013	UCH-07	C/D	•		Body System
Laguna III	2007 - 2010	L3-UCH 09	C/D			Body System
Laguna III	2007 - 2010	L3-UCH 11	C/D			Body System
Laguna III	2007 - 2010	L3-UCH 14	C/D			Body System
Laguna III	2007 - 2010	L3-UCH 6A	C/D			Body System
Laguna III Coupe	2007 - 2013	L3-UCH 09	C/D			Body System
Laguna III Coupe	2007 - 2013	L3-UCH 11	C/D			Body System
Laguna III Coupe	2007 - 2013	L3-UCH 14	C/D			Body System
Laguna III Coupe	2007 - 2013	L3-UCH 6A	C/D			Body System
Laguna III Ph 2	2011 - 2013	L3-UCH 09	C/D			Body System
Laguna III Ph 2	2011 - 2013	L3-UCH 11	C/D			Body System
Laguna III Ph 2	2011 - 2013	L3-UCH 14	C/D			Body System
Laguna III Ph 2	2011 - 2013	L3-UCH 6A	C/D			Body System
Master	2006 - 2010	REN Traffic II UCH Codes only	C/D	•		Body Systems
Master	2006 - 2010	REN Traffic II UCH Codes only	C/D	•		Body Systems
Megane II	2003 - 2009	REN CAN UCH	C/D	•	•	Body Systems
Megane II	2003 - 2009	REN CAN UCH TPM	C/D	•	•	Body Systems
Espace IV	2003 - 2011	Renault Espace IV UCH	C/D	•	•	Body Systems
Espace IV	2003 - 2011	Renault Espace IV UCH Ph 2	C/D	•	•	Body Systems
Kangoo	2002 - 2009	REN Kangoo UCH	C/D	•	•	Body Systems
Laguna II	2001 - 2007	REN Laguna II UCH	C/D	•	•	Body Systems
Laguna II	2001 - 2007	REN Laguna II UCH Ph 2	C/D	•	•	Body Systems
Clio III Ph 2	2009 - 2012	REN Clio III Sport CAN UCH	C/D	•		Body Systems
Clio III Ph 2	2009 - 2012	REN Clio III UCH-08	C/D	•		Body Systems
Clio III Ph 2	2009 - 2012	REN Clio III UCH-48	C/D	•	•	Body Systems
Clio II	2002 - 2007	REN Clio II UCH	C/D	•		Body Systems
Clio II	2002 - 2007	REN Clio II UCH OD	C/D	•		Body Systems
Clio III	2004 - 2009	REN Clio III UCH-08	C/D	•		Body Systems
Clio III	2004 - 2009	REN Clio III UCH-48	C/D	•	•	Body Systems
Modus	2004 - 2011	REN Modus CAN UCH	C/D	•		Body Systems
Renault Sport Megane II	2003 - 2007	REN CAN UCH	C/D	•	•	Body Systems
Renault Sport Megane II	2003 - 2007	REN CAN UCH TPM	C/D	•	•	Body Systems
Renault Sport Clio II	2000 - 2005	REN Clio II UCH	C/D	•		Body Systems
Renault Sport Clio II	2000 - 2005	REN Clio II UCH OD	C/D	•		Body Systems
Renault Sport Clio III	2004 - 2012	REN Clio III Sport CAN UCH	C/D	•		Body Systems
Renault Sport Clio III	2004 - 2012	REN Clio III UCH-08	C/D	•		Body Systems
Renault Sport Clio III	2004 - 2012	REN Clio III UCH-48	C/D	•	•	Body Systems
Scenic II	2005 - 2005	REN Modus CAN UCH	C/D	•		Body Systems
Renault Sport Twingo	2008 - 2013	REN New Twingo CAN UCH	C/D	•		Body Systems
Renault Sport Twingo	2008 - 2013	RS Twingo	C/D	•		Body Systems
Scenic II	2003 - 2009	REN CAN UCH TPM	C/D	•	•	Body Systems

Key: (S) Special Functions; (B) Brake Bleed; (SS) Brake Service; (C) Crash Data; (CF) Configuration; (E) ECU; (F) Flywheel; (I) Injector Coding; (O) Oil Reset for DPF; (P) Particulate Filter; (R) Relearn; (Rk) Reset Adaptation; (S) Steering Angle Sensor; (E) Remote Body Relearn; (A) Type Autor Type Semi Auto; (•) Other (see table on page 26) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Other Continued

RENAULT						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Scenic II	2003 - 2009	REN CAN UCH	C/D	•	•	Body Systems
Twingo II	2007 - 2013	REN New Twingo CAN UCH	C/D	•		Body Systems
Twingo II	2007 - 2013	RS Twingo	C/D	•		Body Systems
Trafic II	1998 - 2012	REN Trafic II UCH	C/D	•		Body Systems
Trafic II	1998 - 2012	REN Trafic II UCH Codes only	C/D			Body Systems
Wind Roadster	2010 - 2013	UCH-08	C/D	•		Body Systems
Trafic II Ph3	2013 - 2013	REN Trafic II UCH	C/D	•		Body Systems
Trafic II Ph3	2013 - 2013	REN Trafic II UCH Codes only	C/D			Body Systems
Vel Satis	2001 - 2007	Renault Vel Satis UCH	C/D	•	•	Body Systems
Vel Satis	2001 - 2007	Renault Vel Satis UCH Ph2	C/D	•	•	Body Systems
System ID Mode	1995 - 1995	REN Laguna II UCH	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	REN Laguna II UCH Ph2	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	REN Modus CAN UCH	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	REN New Twingo CAN UCH	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	REN Trafic II UCH	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	REN Trafic II UCH Codes only	C/D			Body Systems (UCH)
System ID Mode	1995 - 1995	Renault Espace IV UCH	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	Renault Espace IV UCH Ph2	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	Renault Vel Satis UCH	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	Renault Vel Satis UCH Ph2	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	RS Twingo	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	REN CAN UCH	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	REN CAN UCH TPM	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	REN Clio II UCH	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	REN Clio II UCH 0D	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	REN Clio III UCH-08	C/D	•		Body Systems (UCH)
System ID Mode	1995 - 1995	REN Clio III UCH-48	C/D	•		Body Systems (UCH)
Scenic II	2003 - 2009	Airco-11	C/D			Climate Control
Scenic II	2003 - 2009	Airco-12	C/D			Climate Control
Scenic II	2003 - 2009	Airco-20	C/D			Climate Control
Renault Sport Megane III	2008 - 2013	M3C-01	C/D	•		Climate Control
Renault Sport Megane III	2008 - 2013	M3C-02	C/D	•		Climate Control
Renault Sport Megane III	2008 - 2013	M3C-03	C/D	•		Climate Control
Renault Sport Megane III	2008 - 2013	M3C-09	C/D	•		Climate Control
Renault Sport Megane III	2008 - 2013	M3C-15	C/D	•		Climate Control
Scenic III	2008 - 2012	3C-01	C/D	•		Climate Control
Scenic III	2008 - 2012	3C-02	C/D	•		Climate Control
Scenic III	2008 - 2012	3C-03	C/D	•		Climate Control
Scenic III	2008 - 2012	3C-04	C/D	•		Climate Control
Scenic III	2008 - 2012	3C-09	C/D	•		Climate Control
Scenic III	2008 - 2012	3C-11	C/D	•		Climate Control
Scenic IV/XMOD	2013 - 2013	3C-01	C/D	•		Climate Control
Scenic IV/XMOD	2013 - 2013	3C-02	C/D	•		Climate Control
Scenic IV/XMOD	2013 - 2013	3C-03	C/D	•		Climate Control
Scenic IV/XMOD	2013 - 2013	3C-04	C/D	•		Climate Control

### Other Continued

RENAULT						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Scenic IV/XMOD	2013 - 2013	3C-09	C/D	•		Climate Control
Scenic IV/XMOD	2013 - 2013	3C-11	C/D	•		Climate Control
Renault Sport Clio III	2005 - 2009	Airco-02	C/D			Climate Control
Renault Sport Clio III	2005 - 2009	Airco-12	C/D			Climate Control
Renault Sport Clio III	2005 - 2009	Airco-20	C/D			Climate Control
Renault Sport Megane II	2003 - 2007	Airco-11	C/D			Climate Control
Renault Sport Megane II	2003 - 2007	Airco-12	C/D			Climate Control
Renault Sport Megane II	2003 - 2007	Airco-20	C/D			Climate Control
Modus	2004 - 2011	Airco-02	C/D			Climate Control
Modus	2004 - 2011	Airco-12	C/D			Climate Control
Modus	2004 - 2011	Airco-20	C/D			Climate Control
Megane III	2011 - 2013	3C-01	C/D	•		Climate Control
Megane III	2011 - 2013	3C-02	C/D	•		Climate Control
Megane III	2011 - 2013	3C-03	C/D	•		Climate Control
Megane III	2011 - 2013	3C-04	C/D	•		Climate Control
Megane III	2011 - 2013	3C-09	C/D	•		Climate Control
Megane III	2011 - 2013	3C-11	C/D	•		Climate Control
Megane III Coupe	2008 - 2013	M3C-01	C/D	•		Climate Control
Megane III Coupe	2008 - 2013	M3C-02	C/D	•		Climate Control
Megane III Coupe	2008 - 2013	M3C-03	C/D	•		Climate Control
Megane III Coupe	2008 - 2013	M3C-09	C/D	•		Climate Control
Megane III Coupe	2008 - 2013	M3C-15	C/D	•		Climate Control
Clio III	2005 - 2009	Airco-02	C/D			Climate Control
Clio III	2005 - 2009	Airco-12	C/D			Climate Control
Clio III	2005 - 2009	Airco-20	C/D			Climate Control
Clio III Ph 2	2009 - 2012	Airco-02	C/D			Climate Control
Clio III Ph 2	2009 - 2012	Airco-12	C/D			Climate Control
Clio III Ph 2	2009 - 2012	Airco-20	C/D			Climate Control
Fluence	2010 - 2013	M3C-01	C/D	•		Climate Control
Fluence	2010 - 2013	M3C-02	C/D	•		Climate Control
Fluence	2010 - 2013	M3C-03	C/D	•		Climate Control
Fluence	2010 - 2013	M3C-09	C/D	•		Climate Control
Fluence	2010 - 2013	M3C-15	C/D	•		Climate Control
Megane II	2003 - 2009	Airco-11	C/D			Climate Control
Megane II	2003 - 2009	Airco-12	C/D			Climate Control
Megane II	2003 - 2009	Airco-20	C/D			Climate Control
Megane III	2008 - 2013	M3C-01	C/D	•		Climate Control
Megane III	2008 - 2013	M3C-02	C/D	•		Climate Control
Megane III	2008 - 2013	M3C-03	C/D	•		Climate Control
Megane III	2008 - 2013	M3C-09	C/D	•		Climate Control
Megane III	2008 - 2013	M3C-15	C/D	•		Climate Control
Megane III	2008 - 2013	EPB-00	C/D	•		Electronic Parking Brake
Megane III	2008 - 2013	EPB-02	C/D		BS	Electronic Parking Brake
Megane III	2008 - 2013	EPB-05	C/D		BS	Electronic Parking Brake
Laguna III Ph2	2011 - 2013	EPB-00	C/D	•		Electronic Parking Brake
Laguna III Ph2	2011 - 2013	EPB-02	C/D	•		Electronic Parking Brake
Laguna II	2004 - 2007	REN Keyword EHB	C/D	•		Electronic Parking Brake

### Other Continued

RENAULT						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Laguna II	2004 - 2007	Renault CAN Electric Handbrake	C/D	•	•	Electronic Parking Brake
Laguna III	2007 - 2010	EPB-00	C/D	•		Electronic Parking Brake
Laguna III	2007 - 2010	EPB-02	C/D	•		Electronic Parking Brake
Laguna III Coupe	2007 - 2013	EPB-00	C/D	•		Electronic Parking Brake
Laguna III Coupe	2007 - 2013	EPB-02	C/D	•		Electronic Parking Brake
Espace IV	2003 - 2011	REN Keyword EHB	C/D	•		Electronic Parking Brake
Espace IV	2003 - 2011	Renault CAN Electric Handbrake	C/D	•		Electronic Parking Brake
Megane III Coupe	2008 - 2013	EPB-00	C/D	•		Electronic Parking Brake
Megane III Coupe	2008 - 2013	EPB-02	C/D		BS	Electronic Parking Brake
Megane III Coupe	2008 - 2013	EPB-05	C/D		BS	Electronic Parking Brake
Scenic IV/XMOD	2013 - 2013	EPB-00	C/D	•		Electronic Parking Brake
Scenic IV/XMOD	2013 - 2013	EPB-02	C/D		BS	Electronic Parking Brake
Scenic IV/XMOD	2013 - 2013	EPB-05	C/D		BS	Electronic Parking Brake
Scenic II	2003 - 2009	Renault CAN Electric Handbrake	C/D	•	BS	Electronic Parking Brake
Scenic III	2008 - 2012	EPB-00	C/D	•		Electronic Parking Brake
Scenic III	2008 - 2012	EPB-02	C/D		BS	Electronic Parking Brake
Scenic III	2008 - 2012	EPB-05	C/D		BS	Electronic Parking Brake
Renault Sport Megane III	2008 - 2013	EPB-00	C/D	•		Electronic Parking Brake
Renault Sport Megane III	2008 - 2013	EPB-02	C/D		BS	Electronic Parking Brake
Renault Sport Megane III	2008 - 2013	EPB-05	C/D		BS	Electronic Parking Brake
Scenic II	2003 - 2009	REN Keyword EHB	C/D	•	BS	Electronic Parking Brake
System ID Mode	1995 - 1995	REN Keyword EHB	C/D	•		Electronic Parking Brake
System ID Mode	1995 - 1995	Renault CAN Electric Handbrake	C/D	•		Electronic Parking Brake
Vel Satis	2001 - 2007	Renault CAN Electric Handbrake	C/D	•		Electronic Parking Brake
Vel Satis	2001 - 2007	REN Keyword EHB	C/D	•		Electronic Parking Brake
Scenic IV/XMOD	2013 - 2013	PDC-15	C/D			Park Distance Control
Scenic IV/XMOD	2013 - 2013	PDC-17	C/D			Park Distance Control
Scenic IV/XMOD	2013 - 2013	PDC-18	C/D			Park Distance Control
Scenic IV/XMOD	2013 - 2013	PDC-22	C/D			Park Distance Control



## Other Continued

RENAULT						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Scenic IV/XMOD	2013 - 2013	PDC-24	C/D			Park Distance Control
Scenic II	2003 - 2009	REN KW PDC	C/D			Park Distance Control
Scenic II	2003 - 2009	REN CAN PDC	C/D			Park Distance Control
Renault Sport Megane III	2008 - 2013	PDC-15	C/D			Park Distance Control
Renault Sport Megane III	2008 - 2013	PDC-17	C/D			Park Distance Control
Renault Sport Megane III	2008 - 2013	PDC-18	C/D			Park Distance Control
Renault Sport Megane III	2008 - 2013	PDC-22	C/D			Park Distance Control
Renault Sport Megane III	2008 - 2013	PDC-24	C/D			Park Distance Control
Scenic III	2008 - 2012	PDC-15	C/D			Park Distance Control
Scenic III	2008 - 2012	PDC-17	C/D			Park Distance Control
Scenic III	2008 - 2012	PDC-18	C/D			Park Distance Control
Scenic III	2008 - 2012	PDC-22	C/D			Park Distance Control
Scenic III	2008 - 2012	PDC-24	C/D			Park Distance Control
Megane III Coupe	2008 - 2013	PDC-15	C/D			Park Distance Control
Megane III Coupe	2008 - 2013	PDC-17	C/D			Park Distance Control
Megane III Coupe	2008 - 2013	PDC-18	C/D			Park Distance Control
Megane III Coupe	2008 - 2013	PDC-22	C/D			Park Distance Control
Megane III Coupe	2008 - 2013	PDC-24	C/D			Park Distance Control
Renault Sport Megane II	2003 - 2007	REN CAN PDC	C/D			Park Distance Control
Renault Sport Megane II	2003 - 2007	REN KW PDC	C/D			Park Distance Control
Fluence	2010 - 2013	PDC-15	C/D			Park Distance Control
Fluence	2010 - 2013	PDC-17	C/D			Park Distance Control
Fluence	2010 - 2013	PDC-18	C/D			Park Distance Control
Fluence	2010 - 2013	PDC-22	C/D			Park Distance Control
Fluence	2010 - 2013	PDC-24	C/D			Park Distance Control
Koleos	2008 - 2013	K-PDC-17	C/D			Park Distance Control
Laguna III	2007 - 2010	PDC-18	C/D			Park Distance Control
Laguna III	2007 - 2010	PDC-21	C/D			Park Distance Control
Laguna III	2007 - 2010	PDC-22	C/D			Park Distance Control
Laguna III Ph2	2011 - 2013	PDC-18	C/D			Park Distance Control

## Other Continued

RENAULT						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Laguna III Ph2	2011 - 2013	PDC-21	C/D			Park Distance Control
Laguna III Ph2	2011 - 2013	PDC-22	C/D			Park Distance Control
Laguna III Coupe	2007 - 2013	PDC-18	C/D			Park Distance Control
Laguna III Coupe	2007 - 2013	PDC-21	C/D			Park Distance Control
Laguna III Coupe	2007 - 2013	PDC-22	C/D			Park Distance Control
Megane III	2008 - 2013	PDC-15	C/D			Park Distance Control
Megane III	2008 - 2013	PDC-17	C/D			Park Distance Control
Megane III	2008 - 2013	PDC-18	C/D			Park Distance Control
Megane III	2008 - 2013	PDC-22	C/D			Park Distance Control
Megane III	2008 - 2013	PDC-24	C/D			Park Distance Control
Megane II	2003 - 2009	REN KW PDC	C/D			Park Distance Control
Megane II	2003 - 2009	REN CAN PDC	C/D			Park Distance Control
System ID Mode	1995 - 1995	REN KW PDC	C/D			Parking Aid
System ID Mode	1995 - 1995	REN CAN PDC	C/D			Parking Aid
Scenic IV/XMOD	2013 - 2013	M3-PAS-4D	C			Power Steering
Twingo II	2007 - 2013	Twingo PAS	C/D			Power Steering
Megane III	2008 - 2013	M3-PAS-4D	C			Power Steering
Megane III	2008 - 2013	M3-PAS-4A	C	•		Power Steering
Megane II	2003 - 2009	REN Meganell CAN PAS	C/D		S	Power Steering
Megane II	2003 - 2009	REN Meganell CAN PAS Codes Only	C/D			Power Steering
Megane II	2003 - 2009	REN Meganell CAN PAS With ESP	C/D		S	Power Steering
Laguna III Ph2	2011 - 2013	L3-PAS-53	C			Power Steering
Laguna III Coupe	2007 - 2013	L3-PAS-53	C			Power Steering
Laguna III	2007 - 2010	L3-PAS-53	C			Power Steering
Fluence	2010 - 2013	M3-PAS-4A	C	•		Power Steering
Fluence	2010 - 2013	M3-PAS-4D	C			Power Steering
Clio III Ph 2	2009 - 2012	REN Clio III CAN PAS	C/D		S	Power Steering
Clio III	2004 - 2009	REN Clio III CAN PAS	C/D		S	Power Steering
Clio II	2002 - 2007	D.A.E- 04	C/D			Power Steering
Clio II	2002 - 2007	D.A.E- 34	C/D			Power Steering
Clio II	2002 - 2007	D.A.E- 43	C/D			Power Steering
Clio II	2002 - 2007	D.A.E- 54	C/D			Power Steering
Renault Sport Megane II	2003 - 2007	REN Meganell CAN PAS	C/D		S	Power Steering
Renault Sport Megane II	2003 - 2007	REN Meganell CAN PAS Codes Only	C/D			Power Steering
Renault Sport Megane II	2003 - 2007	REN Meganell CAN PAS With ESP	C/D		S	Power Steering
Renault Sport Clio III	2004 - 2012	REN Clio III CAN PAS	C/D		S	Power Steering
Renault Sport Clio II	2000 - 2005	D.A.E- 04	C/D			Power Steering
Renault Sport Clio II	2000 - 2005	D.A.E- 34	C/D			Power Steering
Renault Sport Clio II	2000 - 2005	D.A.E- 43	C/D			Power Steering
Renault Sport Clio II	2000 - 2005	D.A.E- 54	C/D			Power Steering
Modus	2004 - 2011	REN Modus CAN PAS	C/D		S	Power Steering
Megane III Coupe	2008 - 2013	M3-PAS-4D	C			Power Steering

## Other Continued

RENAULT						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Megane III Coupe	2008 - 2013	M3-PAS-4A	C	•		Power Steering
Scenic II	2003 - 2009	REN Meganell CAN PAS With ESP	C/D		S	Power Steering
Scenic III	2008 - 2012	M3-PAS-4A	C	•		Power Steering
Scenic III	2008 - 2012	M3-PAS-4D	C			Power Steering
Scenic IV/XMOD	2013 - 2013	M3-PAS-4A	C	•		Power Steering
Renault Sport Megane III	2008 - 2013	M3-PAS-4D	C			Power Steering
Renault Sport Megane III	2008 - 2013	M3-PAS-4A	C	•		Power Steering
Scenic II	2003 - 2009	REN Meganell CAN PAS	C/D		S	Power Steering
Scenic II	2003 - 2009	REN Meganell CAN PAS Codes Only	C/D			Power Steering
Safrane	1995 - 2000	-				Service Interval Reset
Scenic II	2003 - 2009	-				Service Interval Reset
Scenic IV/XMOD	2013 - 2013	-				Service Interval Reset
Renault Sport Twingo	2008 - 2013	-				Service Interval Reset
Scenic III	2008 - 2012	-				Service Interval Reset
Megane III Coupe	2008 - 2013	-				Service Interval Reset
Modus	2010 - 2011	-				Service Interval Reset
Renault Sport Clio III	2004 - 2012	-				Service Interval Reset
Renault Sport Clio IV	2013 - 2013	-				Service Interval Reset
Renault Sport Megane II	2003 - 2007	-				Service Interval Reset
Renault Sport Megane III	2008 - 2013	-				Service Interval Reset
Avantime	2001 - 2006	-				Service Interval Reset
Captur	2013 - 2013	-				Service Interval Reset
Clio III Ph 2	2009 - 2012	-				Service Interval Reset
Clio III	2004 - 2008	-				Service Interval Reset
Clio IV	2013 - 2013	-				Service Interval Reset
Espace IV	2003 - 2011	-				Service Interval Reset
Koleos	2008 - 2013	-				Service Interval Reset
Kangoo II	2008 - 2013	-				Service Interval Reset
Fluence	2010 - 2013	-				Service Interval Reset
Laguna	1995 - 2001	-				Service Interval Reset
Laguna 1Ph2	1998 - 2001	-				Service Interval Reset
Laguna II	2001 - 2007	-				Service Interval Reset

Key: (O) Special Functions; (B) Brake Bleed; (SS) Brake Service; (C) Crash Data; (CF) Configuration; (E) ECU; (F) Flammable; (I) Injector Coding; (O) Oil reset for DPPE; (P) Particulate Filter; (R) Return; (Rk) Reset Adaptations; (S) Steering Angle Sensor; (I) Inertia Body Return; (A) Type of Auto; (•) Other (see table on page 26) Dark grey lines indicate new content at 14-4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



### Other Continued

RENAULT						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Laguna III	2007 - 2010	-				Service Interval Reset
Laguna III Coupe	2007 - 2013	-				Service Interval Reset
Laguna III Ph2	2011 - 2013	-				Service Interval Reset
Megane III	2008 - 2013	-				Service Interval Reset
Megane II	2003 - 2009	-				Service Interval Reset
Master	2010 - 2010	-				Service Interval Reset
Master III	2010 - 2013	-				Service Interval Reset
Vel Satis	2001 - 2007	-				Service Interval Reset
Trafic II	2001 - 2012	-				Service Interval Reset
Trafic II Ph3	2013 - 2013	-				Service Interval Reset
Twingo II	2007 - 2013	-				Service Interval Reset
Wind Roadster	2010 - 2013	-				Service Interval Reset
Megane II	2003 - 2009	REN Megane II UPC V1	C/D	•		Switching Protection Unit
Megane II	2003 - 2009	REN Megane II UPC V2	C/D	•		Switching Protection Unit
Fluence	2010 - 2013	UPC-00	C/D		•	Switching Protection Unit
Fluence	2010 - 2013	UPC-07	C/D		•	Switching Protection Unit
Fluence	2010 - 2013	UPC-32	C/D		•	Switching Protection Unit
Clio III	2004 - 2009	REN Clio III CAN UPC	C/D	•		Switching Protection Unit
Renault Sport Megane II	2003 - 2007	REN Megane II UPC V1	C/D	•		Switching Protection Unit
Renault Sport Megane II	2003 - 2007	REN Megane II UPC V2	C/D	•		Switching Protection Unit
Modus	2004 - 2011	REN Modus CAN UPC	C/D	•		Switching Protection Unit
Megane III Coupe	2008 - 2013	UPC-00	C/D		•	Switching Protection Unit
Megane III Coupe	2008 - 2013	UPC-07	C/D		•	Switching Protection Unit
Megane III Coupe	2008 - 2013	UPC-32	C/D		•	Switching Protection Unit
Megane III	2008 - 2013	UPC-00	C/D		•	Switching Protection Unit
Megane III	2008 - 2013	UPC-07	C/D		•	Switching Protection Unit
Megane III	2008 - 2013	UPC-32	C/D		•	Switching Protection Unit
Scenic III	2008 - 2012	UPC-00	C/D		•	Switching Protection Unit
Scenic III	2008 - 2012	UPC-07	C/D		•	Switching Protection Unit

### Other Continued

RENAULT						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Scenic III	2008 - 2012	UPC-32	C/D		•	Switching Protection Unit
Scenic II	2003 - 2009	REN Megane II UPC V1	C/D	•		Switching Protection Unit
Scenic II	2003 - 2009	REN Megane II UPC V2	C/D	•		Switching Protection Unit
Renault Sport Megane III	2008 - 2013	UPC-00	C/D		•	Switching Protection Unit
Renault Sport Megane III	2008 - 2013	UPC-07	C/D		•	Switching Protection Unit
Renault Sport Megane III	2008 - 2013	UPC-32	C/D		•	Switching Protection Unit
Scenic II	2003 - 2009	REN CAN UCH TPM	C/D		R	Tire Pressure Monitor
Scenic II	2003 - 2009	REN CAN UCH	C/D		R	Tire Pressure Monitor
Renault Sport Megane II	2003 - 2007	REN CAN UCH	C/D		R	Tire Pressure Monitor
Renault Sport Megane II	2003 - 2007	REN CAN UCH TPM	C/D		R	Tire Pressure Monitor
Espace IV	2003 - 2011	REN Laguna II UCH	C/D		R	Tire Pressure Monitor
Espace IV	2003 - 2011	REN Laguna II UCH Ph2	C/D		R	Tire Pressure Monitor
Laguna II	2001 - 2007	REN Laguna II UCH	C/D		R	Tire Pressure Monitor
Laguna II	2001 - 2007	REN Laguna II UCH Ph2	C/D		R	Tire Pressure Monitor
Megane II	2003 - 2009	REN CAN UCH	C/D		R	Tire Pressure Monitor
Megane II	2003 - 2009	REN CAN UCH TPM	C/D		R	Tire Pressure Monitor
Vel Satis	2001 - 2007	REN Laguna II UCH	C/D		R	Tire Pressure Monitor
Vel Satis	2001 - 2007	REN Laguna II UCH Ph2	C/D		R	Tire Pressure Monitor
Scenic IV/XMOD	2013 - 2013	M3-PAS-4D	C		S	Wheel Alignment
Scenic IV/XMOD	2013 - 2013	M3-PAS-4D	C	•		Wheel Alignment
Megane II	2003 - 2009	REN MeganeII CAN PAS			S	Wheel Alignment
Megane II	2003 - 2009	REN MeganeII CAN PAS With ESP			S	Wheel Alignment
Megane III	2008 - 2013	M3-PAS-4A	C	•		Wheel Alignment
Megane III	2008 - 2013	M3-PAS-4D	C	•		Wheel Alignment
Fluence	2010 - 2013	M3-PAS-4D	C			Wheel Alignment
Fluence	2010 - 2013	M3-PAS-4A	C	•		Wheel Alignment
Clio III Ph 2	2009 - 2012	REN Clio III CAN PAS			S	Wheel Alignment
Clio IV	2013 - 2013	Bosch-60 (ESP)	C/D		S	Wheel Alignment
Clio IV	2013 - 2013	Bosch-61	C/D		S	Wheel Alignment
Clio III	2004 - 2009	REN Clio III CAN PAS			S	Wheel Alignment
Captur	2013 - 2013	Bosch-60 (ESP)	C/D		S	Wheel Alignment
Captur	2013 - 2013	Bosch-61	C/D		S	Wheel Alignment
Renault Sport Clio IV	2013 - 2013	Bosch-60 (ESP)	C/D		S	Wheel Alignment
Renault Sport Clio IV	2013 - 2013	Bosch-61	C/D		S	Wheel Alignment
Renault Sport Clio III	2004 - 2012	REN Clio III CAN PAS			S	Wheel Alignment
Megane III Coupe	2008 - 2013	M3-PAS-4A	C	•	S	Wheel Alignment
Megane III Coupe	2008 - 2013	M3-PAS-4D	C	•	S	Wheel Alignment
Modus	2004 - 2011	REN Modus CAN PAS			S	Wheel Alignment
Scenic II	2003 - 2009	REN MeganeII CAN PAS With ESP			S	Wheel Alignment

### Other Continued

RENAULT						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Scenic II	2003 - 2009	REN MeganeII CAN PAS			S	Wheel Alignment
Renault Sport Megane III	2008 - 2013	M3-PAS-4A	C	•	S	Wheel Alignment
Renault Sport Megane III	2008 - 2013	M3-PAS-4D	C	•	S	Wheel Alignment
Scenic III	2008 - 2012	M3-PAS-4D	C	•	S	Wheel Alignment
Scenic IV/XMOD	2013 - 2013	M3-PAS-4A	C	•	S	Wheel Alignment
Scenic III	2008 - 2012	M3-PAS-4A	C	•	S	Wheel Alignment
Espace IV	2003 - 2011	HELLA	C/D	•		Xenon Lights
Espace IV	2003 - 2011	VALEO	C/D	•		Xenon Lights
Laguna II	2001 - 2007	HELLA	C/D	•		Xenon Lights
Laguna III Coupe	2007 - 2013	L3-XN-00	C/D			Xenon Lights
Laguna III Ph2	2011 - 2013	L3-XN-00	C/D			Xenon Lights
Laguna III	2007 - 2010	L3-XN-00	C/D			Xenon Lights
System ID Mode	1995 - 1995	HELLA	C/D	•		Xenon Lights
Vel Satis	2001 - 2007	HELLA	C/D	•		Xenon Lights
System ID Mode	1995 - 1995	VALEO	C/D	•		Xenon Lights
Vel Satis	2001 - 2007	VALEO	C/D	•		Xenon Lights

# Engine Management Applications

PORSCHE							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
911	1998 - 1999	3.4L H6 (M96.01)		Engine Management	C/D	•	
911	1999 - 1999	3.4L H6 (M96.02)		Engine Management	C/D	•	
911	2000 - 2001	3.4L H6 (M96.04)		Engine Management	C/D	•	
911	2001 - 2005	3.6L H6 (M96.70)		Engine Management	C/D	•	
911	2002 - 2005	3.6L H6 (M96.03)		Engine Management	C/D	•	
911	2004 - 2005	3.6L 6 (M96.79)		Engine Management	C/D	•	
911	2005 - 2008	3.6L H6 (M96.05)		Engine Management	C/D	•	
911	2005 - 2008	3.8L H6 (M97.01)		Engine Management	C/D	•	
911	2007 - 2008	3.6L H6 (M97.76)		Engine Management	C/D	•	
911	2007 - 2009	3.6L H6 Turbo (M97.70)		Engine Management	C/D	•	
911	2009 - 2012	3.6L H6 (MA1.02)		Engine Management	C/D	•	
911	2009 - 2012	3.8L H6 (MA1.01)		Engine Management	C/D	•	
911	2010 - 2011	3.8L H6 (M97.77)		Engine Management	C/D	•	
911	2010 - 2013	3.8L H6 Turbo (MA1.70)		Engine Management	C/D	•	
911	2011 - 2011	3.6L H6 (M97.70)		Engine Management	C/D	•	
911	2012 - 2013	3.6L H6 (MA1.04)		Engine Management	C/D	•	
911	2012 - 2013	3.8L H6 (MA1.03)		Engine Management	C/D	•	
Boxster	1996 - 1999	2.5L H6 (M96.20)		Engine Management	C/D	•	
Boxster	1999 - 2002	3.2L H6 (M96.21)		Engine Management	C/D	•	
Boxster	2000 - 2002	2.7L H6 (M96.22)		Engine Management	C/D	•	
Boxster	2003 - 2004	2.7L H6 (M96.23)		Engine Management	C/D	•	
Boxster	2003 - 2004	3.2L H6 (M96.24)		Engine Management	C/D	•	
Boxster	2005 - 2006	2.7L H6 (M96.25)		Engine Management	C/D	•	
Boxster	2005 - 2006	3.2L H6 (M96.26)		Engine Management	C/D	•	
Boxster	2007 - 2008	2.7L H6 (M97.20)		Engine Management	C/D	•	
Boxster	2007 - 2008	3.4L H6 (M97.21)		Engine Management	C/D	•	
Boxster	2008 - 2008	3.4L H6 (M97.22)		Engine Management	C/D	•	
Boxster	2009 - 2012	2.9L H6 (MA1.20)		Engine Management	C/D	•	
Boxster	2009 - 2012	3.4L H6 (MA1.21)		Engine Management	C/D	•	
Boxster	2013 - 2013	2.7L H6 (MA1.22)		Engine Management	C/D	•	
Boxster	2013 - 2013	3.4L H6 (MA1.23)		Engine Management	C/D	•	
Cayenne	2003 - 2006	3.2L V6 (M02.2Y)		Engine Management	C/D	•	
Cayenne	2003 - 2006	4.5L V8 (M48.00)		Engine Management	C/D	•	
Cayenne	2003 - 2006	4.5L V8 Turbo (M48.50)		Engine Management	C/D	•	
Cayenne	2007 - 2010	3.6L V6 (M55.01)		Engine Management	C/D	•	
Cayenne	2007 - 2010	4.8L V8 (M48.01)		Engine Management	C/D	•	
Cayenne	2007 - 2010	4.8L V8 Turbo (M48.51)		Engine Management	C/D	•	
Cayenne	2011 - 2011	3.0L V6 (M06.EC)		Engine Management	C/D	•	
Cayenne	2011 - 2013	3.6L V6 (M55.02)		Engine Management	C/D	•	
Cayenne	2011 - 2013	4.8L V8 (M48.02)		Engine Management	C/D	•	
Cayenne	2011 - 2013	4.8L V8 Turbo (M48.52)		Engine Management	C/D	•	
Cayenne	2012 - 2013	3.0L V6 (MCG.E)		Engine Management	C/D	•	
Cayenne	2012 - 2013	3.0L V6 (MCG.EA)		Engine Management	C/D	•	
Cayenne	2012 - 2013	3.0L V6 (MCG.FA)		Engine Management	C/D	•	
Cayenne	2012 - 2013	3.0L V6 (MCJ.T)		Engine Management	C/D	•	
Cayenne	2013 - 2013	3.0L V6 Turbo		Engine Management	C/D	•	, •, R, T, S,
Cayenne	2013 - 2013	3.0L V6 Turbo		Engine Management	C/D	•	•, S, T,
Cayman	2006 - 2008	3.4L H6 (M97.21)		Engine Management	C/D	•	
Cayman	2007 - 2008	2.7L H6 (M97.20)		Engine Management	C/D	•	
Cayman	2009 - 2012	2.9L H6 (MA1.20)		Engine Management	C/D	•	
Cayman	2009 - 2012	3.4L H6 (MA1.21)		Engine Management	C/D	•	
Panamera	2010 - 2013	4.8L V8 (M48.20)		Engine Management	C/D	•	

PORSCHE							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Panamera	2010 - 2013	4.8L V8 (M48.40)		Engine Management	C/D	•	
Panamera	2010 - 2013	4.8L V8 Turbo (M48.70)		Engine Management	C/D	•	
Panamera	2011 - 2013	3.6L V6 (M46.20)		Engine Management	C/D	•	
Panamera	2011 - 2013	3.6L V6 (M46.40)		Engine Management	C/D	•	
Panamera	2012 - 2013	3.0L V6 (MCG.EA)		Engine Management	C/D	•	
Panamera	2012 - 2013	3.0L V6 (MCG.FA)		Engine Management	C/D	•	
Panamera	2013 - 2013	4.8L V8		Engine Management	C/D	•	, T, •, S,
Panamera	2013 - 2013	4.8L V8		Engine Management	C/D	•	•, S, T,

## Airbag

PORSCHE					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
911	1998 - 2005	DSN-B04	C/D	•	
911	1998 - 2013	Airbag Codes Only	C/D	•	
911	2005 - 2013	DSN-5004	C/D	•	
911	2012 - 2013	DSN-000008	C/D	•	
Boxster	1996 - 2004	DSN-B04	C/D	•	
Boxster	1996 - 2013	Airbag Codes Only	C/D	•	
Boxster	2005 - 2012	DSN-5004	C/D	•	
Boxster	2013 - 2013	DSN-000008	C/D	•	
Cayenne	2003 - 2010	DSN-0101	C/D	•	
Cayenne	2003 - 2010	DSN-0202	C/D	•	
Cayenne	2003 - 2013	Airbag Codes Only	C/D	•	
Cayenne	2011 - 2013	DSN-001001	C/D	•	
Cayenne	2013 - 2013	Airbag Codes Only	C/D	•	•,S,T
Cayenne	2013 - 2013	DSN-001001	C/D	•	•,S,T
Cayman	2006 - 2012	Airbag Codes Only	C/D	•	
Cayman	2006 - 2012	DSN-5004	C/D	•	
Panamera	2010 - 2013	Airbag Codes Only	C/D	•	
Panamera	2010 - 2013	DSN-000012	C/D	•	
Panamera	2010 - 2013	DSN-000016	C/D	•	
Panamera	2013 - 2013	Airbag Codes Only	C/D	•	•,S,T
Panamera	2013 - 2013	DSN-000012	C/D	•	•,S,T
Panamera	2013 - 2013	DSN-000016	C/D	•	•,S,T

## Auto Transmission Continued

PORSCHE					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
911	1998 - 2013	GS8.37	C/D	•	
911	1998 - 2013	Transmission Codes Only	C/D	•	
911	2005 - 2013	DSN-0200	C/D	•	
911	2005 - 2013	DSN-1100	C/D	•	
911	2005 - 2013	DSN-1400	C/D	•	
911	2005 - 2013	PDK	C/D	•	
911	2012 - 2013	DSN-4110	C/D	•	
911	2012 - 2013	DSN-4210	C/D	•	
Boxster	1996 - 2004	DSN-G0110	C/D	•	
Boxster	1996 - 2012	DSN-G40	C/D	•	
Boxster	1996 - 2012	DSN-G41	C/D	•	
Boxster	1996 - 2012	DSN-G42	C/D	•	
Boxster	1996 - 2012	DSN-G44	C/D	•	
Boxster	1996 - 2012	DSN-G50	C/D	•	
Boxster	1996 - 2012	DSN-G51	C/D	•	
Boxster	1996 - 2012	GS8.37	C/D	•	
Boxster	1996 - 2013	Transmission Codes Only	C/D	•	
Boxster	2005 - 2012	DSN-0200	C/D	•	
Boxster	2005 - 2012	DSN-1100	C/D	•	
Boxster	2005 - 2012	DSN-1400	C/D	•	
Boxster	2005 - 2012	PDK	C/D	•	
Boxster	2013 - 2013	DSN-4110	C/D	•	
Boxster	2013 - 2013	DSN-4210	C/D	•	
Cayenne	2003 - 2010	Default	C/D	•	
Cayenne	2003 - 2010	DSN-0200	C/D	•	
Cayenne	2003 - 2010	DSN-0302	C/D	•	
Cayenne	2011 - 2013	DSN-001001	C/D	•	
Cayenne	2011 - 2013	DSN-002112	C/D	•	
Cayenne	2011 - 2013	Transmission Codes Only	C/D	•	
Cayenne	2013 - 2013	DSN-001001	C/D	•	•,S,T
Cayenne	2013 - 2013	DSN-002112	C/D	•	•,S,T
Cayenne	2013 - 2013	Transmission Codes Only	C/D	•	•,S,T
Cayman	2006 - 2012	DSN-0200	C/D	•	
Cayman	2006 - 2012	DSN-1100	C/D	•	
Cayman	2006 - 2012	DSN-1400	C/D	•	
Cayman	2006 - 2012	DSN-G40	C/D	•	
Cayman	2006 - 2012	DSN-G41	C/D	•	
Cayman	2006 - 2012	DSN-G42	C/D	•	
Cayman	2006 - 2012	DSN-G44	C/D	•	
Cayman	2006 - 2012	DSN-G50	C/D	•	
Cayman	2006 - 2012	DSN-G51	C/D	•	
Cayman	2006 - 2012	GS8.37	C/D	•	
Cayman	2006 - 2012	PDK	C/D	•	
Cayman	2006 - 2012	Transmission Codes Only	C/D	•	
Panamera	2010 - 2013	DSN-002112	C/D	•	
Panamera	2010 - 2013	DSN-2200	C/D	•	
Panamera	2010 - 2013	DSN-3000	C/D	•	
Panamera	2010 - 2013	PDK	C/D	•	
Panamera	2010 - 2013	Transmission Codes Only	C/D	•	
Panamera	2013 - 2013	DSN-002112	C/D	•	•,S,T
Panamera	2013 - 2013	DSN-2200	C/D	•	•,S,T
Panamera	2013 - 2013	DSN-3000	C/D	•	•,S,T
Panamera	2013 - 2013	PDK	C/D	•	•,S,T
Panamera	2013 - 2013	Transmission Codes Only	C/D	•	•,S,T

## Instrument Panel

PORSCHE					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
911	1998 - 2005	DSN-K01	C/D	•	
911	1998 - 2005	DSN-K06	C/D	•	
911	1998 - 2005	DSN-K08	C/D	•	
911	1998 - 2005	DSN-K23	C/D	•	
911	1998 - 2005	DSN-K31	C/D	•	
911	1998 - 2005	DSN-K32	C/D	•	
911	1998 - 2013	Instrument Panel Codes Only	C/D	•	
911	2005 - 2013	DSN-028A	C/D	•	
911	2005 - 2013	DSN-838A	C/D	•	
911	2005 - 2013	DSN-838B	C/D	•	
911	2012 - 2013	DSN-000010	C/D	•	
Boxster	1996 - 2004	DSN-K01	C/D	•	
Boxster	1996 - 2004	DSN-K06	C/D	•	
Boxster	1996 - 2004	DSN-K08	C/D	•	
Boxster	1996 - 2004	DSN-K23	C/D	•	
Boxster	1996 - 2004	DSN-K31	C/D	•	
Boxster	1996 - 2004	DSN-K32	C/D	•	
Boxster	1996 - 2013	Instrument Panel Codes Only	C/D	•	
Boxster	2005 - 2012	DSN-028A	C/D	•	
Boxster	2005 - 2012	DSN-838A	C/D	•	
Boxster	2005 - 2012	DSN-838B	C/D	•	
Boxster	2013 - 2013	DSN-000010	C/D	•	
Cayenne	2003 - 2010	DSN-0101	C/D	•	
Cayenne	2003 - 2010	DSN-0201	C/D	•	
Cayenne	2003 - 2010	DSN-0404	C/D	•	
Cayenne	2003 - 2010	DSN-1000	C/D	•	
Cayenne	2003 - 2013	Instrument Panel Codes Only	C/D	•	
Cayenne	2011 - 2013	DSN-000012	C/D	•	
Cayenne	2011 - 2013	DSN-000013	C/D	•	
Cayenne	2011 - 2013	DSN-000014	C/D	•	
Cayenne	2011 - 2013	DSN-000017	C/D	•	
Cayenne	2013 - 2013	DSN-000012	C/D	•	•,S,T
Cayenne	2013 - 2013	DSN-000013	C/D	•	•,S,T
Cayenne	2013 - 2013	DSN-000014	C/D	•	•,S,T
Cayenne	2013 - 2013	Instrument Panel Codes Only	C/D	•	•,S,T
Cayman	2006 - 2012	DSN-028A	C/D	•	
Cayman	2006 - 2012	DSN-838A	C/D	•	
Cayman	2006 - 2012	DSN-838B	C/D	•	
Cayman	2006 - 2012	Instrument Panel Codes Only	C/D	•	
Panamera	2010 - 2013	DSN-000010	C/D	•	
Panamera	2010 - 2013	DSN-000013	C/D	•	
Panamera	2010 - 2013	DSN-000014	C/D	•	
Panamera	2010 - 2013	Instrument Panel Codes Only	C/D	•	
Panamera	2013 - 2013	DSN-000010	C/D	•	•,S,T
Panamera	2013 - 2013	DSN-000013	C/D	•	•,S,T
Panamera	2013 - 2013	DSN-000014	C/D	•	•,S,T
Panamera	2013 - 2013	Instrument Panel Codes Only	C/D	•	•,S,T

## Antilock Brakes

PORSCHE					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
911	1998 - 2013	Anti-Lock Brakes	C/D	•	
Boxster	1996 - 2013	Anti-Lock Brakes	C/D	•	
Cayenne	2003 - 2013	Anti-Lock Brakes	C/D	•	
Cayenne	2013 - 2013	Anti-Lock Brakes	C/D	•	•,S,T
Cayman	2006 - 2012	Anti-Lock Brakes	C/D	•	
Panamera	2010 - 2013	Anti-Lock Brakes	C/D	•	
Panamera	2013 - 2013	Anti-Lock Brakes	C/D	•	•,S,T

## Auto Transmission

PORSCHE					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
911	1998 - 2005	DSN-G0110	C/D	•	
911	1998 - 2013	DSN-G40	C/D	•	
911	1998 - 2013	DSN-G41	C/D	•	
911	1998 - 2013	DSN-G42	C/D	•	
911	1998 - 2013	DSN-G44	C/D	•	
911	1998 - 2013	DSN-G50	C/D	•	
911	1998 - 2013	DSN-G51	C/D	•	

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Injector Coding, O: Oil reset for DPFP, P: Particulate Filter, R: Return, RA: Reset, Adaptation's, S: Steering Angle Sensor, E: Electronic Body Return, JA: Jumper/Type Semi Auto, \* Other (see table on page 26) Dark grey lines indicate new content at 1.4, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Other

PORSCHE		System	Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years					
911	2005 - 2013	Air Conditioning Codes Only	C/D	•		Air Conditioning
911	2005 - 2013	Cornering Light Codes Only	C/D	•		Cornering Light
911	2005 - 2013	DSN-0100	C/D	•		Steering Column Switch
911	2005 - 2013	DSN-0101	C/D	•		Cornering Light
911	2005 - 2013	DSN-0101	C/D	•		Rear-end Electronics
911	2005 - 2013	DSN-0102	C/D	•		Front-end Electronics
911	2005 - 2013	DSN-0102	C/D	•		Front-end Electronics
911	2005 - 2013	DSN-0102	C/D	•		Tire Pressure Monitoring
911	2005 - 2013	DSN-0102	C/D	•		Vehicle Electrical System
911	2005 - 2013	DSN-0200	C/D	•		Gateway
911	2005 - 2013	DSN-0200	C/D	•		Rear-end Electronics
911	2005 - 2013	DSN-0201	C/D	•		Air Conditioning
911	2005 - 2013	DSN-0201	C/D	•		Vehicle Electrical System
911	2005 - 2013	DSN-0203	C/D	•		Steering Column Switch
911	2005 - 2013	DSN-0301	C/D	•		Tire Pressure Monitoring
911	2005 - 2013	DSN-0303	C/D	•		Air Conditioning
911	2005 - 2013	Front-end Electronics Codes Only	C/D	•		Front-end Electronics
911	2005 - 2013	Gateway Codes Only	C/D	•		Gateway
911	2005 - 2013	Rear-end Electronics Codes Only	C/D	•		Rear-end Electronics
911	2005 - 2013	Steering Column Switch Codes Only	C/D	•		Steering Column Switch
911	2005 - 2013	Tire Pressure Monitoring Codes Only	C/D	•		Tire Pressure Monitoring
911	2005 - 2013	Vehicle Electrical System Codes Only	C/D	•		Vehicle Electrical System
911	2012 - 2013	DSN-000006	C/D	•		Parking Brake
911	2012 - 2013	DSN-000034	C/D	•		Steering Wheel Electronics
911	2012 - 2013	DSN-200004	C/D	•		Air Conditioning
911	2012 - 2013	DSN-A4.2	C/D	•		Gateway
911	2012 - 2013	Parking Brake Codes Only	C/D	•		Parking Brake
911	2012 - 2013	Steering Wheel Electronics Codes Only	C/D	•		Steering Wheel Electronics
Boxster	2005 - 2012	Cornering Light Codes Only	C/D	•		Cornering Light
Boxster	2005 - 2012	DSN-0100	C/D	•		Steering Column Switch
Boxster	2005 - 2012	DSN-0101	C/D	•		Cornering Light
Boxster	2005 - 2012	DSN-0101	C/D	•		Rear-end Electronics
Boxster	2005 - 2012	DSN-0102	C/D	•		Front-end Electronics
Boxster	2005 - 2012	DSN-0102	C/D	•		Front-end Electronics
Boxster	2005 - 2012	DSN-0102	C/D	•		Tire Pressure Monitoring
Boxster	2005 - 2012	DSN-0102	C/D	•		Vehicle Electrical System
Boxster	2005 - 2012	DSN-0200	C/D	•		Gateway
Boxster	2005 - 2012	DSN-0200	C/D	•		Rear-end Electronics
Boxster	2005 - 2012	DSN-0201	C/D	•		Air Conditioning

### Other Continued

PORSCHE		System	Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years					
Boxster	2005 - 2012	DSN-0201	C/D	•		Vehicle Electrical System
Boxster	2005 - 2012	DSN-0203	C/D	•		Steering Column Switch
Boxster	2005 - 2012	DSN-0301	C/D	•		Tire Pressure Monitoring
Boxster	2005 - 2012	DSN-0303	C/D	•		Air Conditioning
Boxster	2005 - 2012	Front-end Electronics Codes Only	C/D	•		Front-end Electronics
Boxster	2005 - 2012	Rear-end Electronics Codes Only	C/D	•		Rear-end Electronics
Boxster	2005 - 2012	Steering Column Switch Codes Only	C/D	•		Steering Column Switch
Boxster	2005 - 2012	Tire Pressure Monitoring Codes Only	C/D	•		Tire Pressure Monitoring
Boxster	2005 - 2012	Vehicle Electrical System Codes Only	C/D	•		Vehicle Electrical System
Boxster	2005 - 2013	Air Conditioning Codes Only	C/D	•		Air Conditioning
Boxster	2005 - 2013	Gateway Codes Only	C/D	•		Gateway
Boxster	2013 - 2013	DSN-000006	C/D	•		Parking Brake
Boxster	2013 - 2013	DSN-000034	C/D	•		Steering Wheel Electronics
Boxster	2013 - 2013	DSN-200004	C/D	•		Air Conditioning
Boxster	2013 - 2013	DSN-A4.2	C/D	•		Gateway
Boxster	2013 - 2013	Parking Brake Codes Only	C/D	•		Parking Brake
Boxster	2013 - 2013	Steering Wheel Electronics Codes Only	C/D	•		Steering Wheel Electronics
Cayenne	2003 - 2004	DSN-0101	C/D	•		Gateway
Cayenne	2003 - 2010	DSN-0100	C/D	•		Steering Column Switch
Cayenne	2003 - 2010	DSN-0101	C/D	•		Vehicle Electrical System
Cayenne	2003 - 2010	DSN-0104	C/D	•		Air Conditioning
Cayenne	2003 - 2010	DSN-0201	C/D	•		Vehicle Electrical System
Cayenne	2003 - 2010	DSN-0202	C/D	•		Tire Pressure Monitoring
Cayenne	2003 - 2010	DSN-0204	C/D	•		Air Conditioning
Cayenne	2003 - 2010	DSN-0304	C/D	•		Air Conditioning
Cayenne	2003 - 2010	Steering Column Switch Codes Only	C/D	•		Steering Column Switch
Cayenne	2003 - 2010	Vehicle Electrical System Codes Only	C/D	•		Vehicle Electrical System
Cayenne	2003 - 2013	Air Conditioning Codes Only	C/D	•		Air Conditioning
Cayenne	2003 - 2013	Gateway Codes Only	C/D	•		Gateway
Cayenne	2003 - 2013	Tire Pressure Monitoring Codes Only	C/D	•		Tire Pressure Monitoring
Cayenne	2005 - 2010	DSN-0008	C/D	•		Headlight - Left
Cayenne	2005 - 2010	DSN-0008	C/D	•		Headlight - Right
Cayenne	2005 - 2010	DSN-0400	C/D	•		Gateway
Cayenne	2005 - 2010	Left Headlight Codes Only	C/D	•		Headlight - Left
Cayenne	2005 - 2010	Right Headlight Codes Only	C/D	•		Headlight - Right
Cayenne	2011 - 2013	DSN-000006	C/D	•		Parking Brake
Cayenne	2011 - 2013	DSN-000025	C/D	•		Front-end Electronics

### Other Continued

PORSCHE		System	Codes/ Data	Actuator Tests	Special Functions	Base System
Model	Years					
Cayenne	2011 - 2013	DSN-000034	C/D	•		Steering Wheel Electronics
Cayenne	2011 - 2013	DSN-020003	C/D	•		Left Headlight
Cayenne	2011 - 2013	DSN-020003	C/D	•		Right Headlight
Cayenne	2011 - 2013	DSN-020006	C/D	•		Air Conditioning
Cayenne	2011 - 2013	DSN-020006	C/D	•		Front-end Electronics
Cayenne	2011 - 2013	DSN-020007	C/D	•		Rear-end Electronics
Cayenne	2011 - 2013	DSN-020018	C/D	•		Rear-end Electronics
Cayenne	2011 - 2013	DSN-020023	C/D	•		Rear-end Electronics
Cayenne	2011 - 2013	DSN-020025	C/D	•		Front-end Electronics
Cayenne	2011 - 2013	DSN-020027	C/D	•		Front-end Electronics
Cayenne	2011 - 2013	DSN-020030	C/D	•		Front-end Electronics
Cayenne	2011 - 2013	DSN-025025	C/D	•		Front-end Electronics
Cayenne	2011 - 2013	DSN-025027	C/D	•		Front-end Electronics
Cayenne	2011 - 2013	DSN-025030	C/D	•		Front-end Electronics
Cayenne	2011 - 2013	DSN-100002	C/D	•		Tire Pressure Monitoring
Cayenne	2011 - 2013	DSN-120005	C/D	•		Air Conditioning
Cayenne	2011 - 2013	DSN-120008	C/D	•		Air Conditioning
Cayenne	2011 - 2013	DSN-A2-2	C/D	•		Gateway
Cayenne	2011 - 2013	DSN-Alpha4	C/D	•		Gateway
Cayenne	2011 - 2013	Front-end Electronics Codes Only	C/D	•		Front-end Electronics
Cayenne	2011 - 2013	Left Headlight Codes Only	C/D	•		Left Headlight
Cayenne	2011 - 2013	Parking Brake Codes Only	C/D	•		Parking Brake
Cayenne	2011 - 2013	Rear-end Electronics Codes Only	C/D	•		Rear-end Electronics
Cayenne	2011 - 2013	Right Headlight Codes Only	C/D	•		Right Headlight
Cayenne	2011 - 2013	Steering Wheel Electronics Codes Only	C/D	•		Steering Wheel Electronics
Cayenne	2013 - 2013	Air Conditioning Codes Only	C/D	•	•,S,T	Air Conditioning
Cayenne	2013 - 2013	DSN-000006	C/D	•	•,S,T	Parking Brake
Cayenne	2013 - 2013	DSN-000025	C/D	•	•,S,T	Front-end Electronics
Cayenne	2013 - 2013	DSN-000034	C/D	•	•,S	Steering Wheel Electronics
Cayenne	2013 - 2013	DSN-020003	C/D	•	•,S,T	Left Headlight
Cayenne	2013 - 2013	DSN-020003	C/D	•	•,S,T	Right Headlight
Cayenne	2013 - 2013	DSN-020006	C/D	•	•,S,T	Air Conditioning
Cayenne	2013 - 2013	DSN-020006	C/D	•	•,S,T	Front-end Electronics
Cayenne	2013 - 2013	DSN-020007	C/D	•	•,S,T	Rear-end Electronics
Cayenne	2013 - 2013	DSN-020018	C/D	•	•,S,T	Rear-end Electronics
Cayenne	2013 - 2013	DSN-020023	C/D	•	•,S,T	Rear-end Electronics
Cayenne	2013 - 2013	DSN-020025	C/D	•	•,S,T	Front-end Electronics
Cayenne	2013 - 2013	DSN-020027	C/D	•	•,S,T	Front-end Electronics
Cayenne	2013 - 2013	DSN-020030	C/D	•	•,S,T	Front-end Electronics

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Return, RA- Reset Adaptation's S- Steering Angle Sensor, E- Inertia Body Return, H- Hydraulic or Type Sent Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated.



## Other Continued

PORSCHE						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Cayenne	2013 - 2013	DSN-025025	C/D	•	•,S,T	Front-end Electronics
Cayenne	2013 - 2013	DSN-025027	C/D	•	•,S,T	Front-end Electronics
Cayenne	2013 - 2013	DSN-025030	C/D	•	•,S,T	Front-end Electronics
Cayenne	2013 - 2013	DSN-100002	C/D	•	•,S,T	Tire Pressure Monitoring
Cayenne	2013 - 2013	DSN-120005	C/D	•	•,S,T	Air Conditioning
Cayenne	2013 - 2013	DSN-120008	C/D	•	•,S,T	Air Conditioning
Cayenne	2013 - 2013	DSN-A2-2	C/D	•	•,S,T	Gateway
Cayenne	2013 - 2013	DSN-Alpha4	C/D	•	•,S,T	Gateway
Cayenne	2013 - 2013	Front-end Electronics Codes Only	C/D	•	•,S,T	Front-end Electronics
Cayenne	2013 - 2013	Gateway Codes Only	C/D	•	•,S,T	Gateway
Cayenne	2013 - 2013	Left Headlight Codes Only	C/D	•	•,S,T	Left Headlight
Cayenne	2013 - 2013	Parking Brake Codes Only	C/D	•	•,S,T	Parking Brake
Cayenne	2013 - 2013	Rear-end Electronics Codes Only	C/D	•	•,S,T	Rear-end Electronics
Cayenne	2013 - 2013	Right Headlight Codes Only	C/D	•	•,S,T	Right Headlight
Cayenne	2013 - 2013	Steering Wheel Electronics Codes Only	C/D	•	•,S,T	Steering Wheel Electronics
Cayenne	2013 - 2013	Tire Pressure Monitoring Codes Only	C/D	•	•,S,T	Tire Pressure Monitoring
Cayman	2006 - 2012	Air Conditioning Codes Only	C/D	•		Air Conditioning
Cayman	2006 - 2012	Cornering Light Codes Only	C/D	•		Cornering Light
Cayman	2006 - 2012	DSN-0100	C/D	•		Steering Column Switch
Cayman	2006 - 2012	DSN-0101	C/D	•		Cornering Light
Cayman	2006 - 2012	DSN-0101	C/D	•		Rear-end Electronics
Cayman	2006 - 2012	DSN-0102	C/D	•		Front-end Electronics
Cayman	2006 - 2012	DSN-0102	C/D	•		Tire Pressure Monitoring
Cayman	2006 - 2012	DSN-0102	C/D	•		Vehicle Electrical System
Cayman	2006 - 2012	DSN-0200	C/D	•		Gateway
Cayman	2006 - 2012	DSN-0200	C/D	•		Rear-end Electronics
Cayman	2006 - 2012	DSN-0201	C/D	•		Air Conditioning
Cayman	2006 - 2012	DSN-0201	C/D	•		Vehicle Electrical System
Cayman	2006 - 2012	DSN-0203	C/D	•		Steering Column Switch
Cayman	2006 - 2012	DSN-0301	C/D	•		Tire Pressure Monitoring
Cayman	2006 - 2012	DSN-0303	C/D	•		Air Conditioning
Cayman	2006 - 2012	Front-end Electronics Codes Only	C/D	•		Front-end Electronics
Cayman	2006 - 2012	Gateway Codes Only	C/D	•		Gateway
Cayman	2006 - 2012	Rear-end Electronics Codes Only	C/D	•		Rear-end Electronics
Cayman	2006 - 2012	Steering Column Switch Codes Only	C/D	•		Steering Column Switch
Cayman	2006 - 2012	Tire Pressure Monitoring Codes Only	C/D	•		Tire Pressure Monitoring

## Other Continued

PORSCHE						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Cayman	2006 - 2012	Vehicle Electrical System Codes Only	C/D	•		Vehicle Electrical System
Panamera	2010 - 2013	Air Conditioning Codes Only	C/D	•		Air Conditioning
Panamera	2010 - 2013	DSN-000004	C/D	•		Tire Pressure Monitoring
Panamera	2010 - 2013	DSN-000006	C/D	•		Parking Brake
Panamera	2010 - 2013	DSN-000008	C/D	•		Headlight - Left
Panamera	2010 - 2013	DSN-000008	C/D	•		Headlight - Right
Panamera	2010 - 2013	DSN-000013	C/D	•		Rear-end Electronics
Panamera	2010 - 2013	DSN-000017	C/D	•		Front-end Electronics
Panamera	2010 - 2013	DSN-000017	C/D	•		Rear-end Electronics
Panamera	2010 - 2013	DSN-000023	C/D	•		Rear-end Electronics
Panamera	2010 - 2013	DSN-000025	C/D	•		Front-end Electronics
Panamera	2010 - 2013	DSN-000027	C/D	•		Front-end Electronics
Panamera	2010 - 2013	DSN-000033	C/D	•		Steering Wheel Electronics
Panamera	2010 - 2013	DSN-005013	C/D	•		Front-end Electronics
Panamera	2010 - 2013	DSN-005017	C/D	•		Front-end Electronics
Panamera	2010 - 2013	DSN-100011	C/D	•		Air Conditioning
Panamera	2010 - 2013	DSN-A2-2	C/D	•		Gateway
Panamera	2010 - 2013	DSN-A4.1	C/D	•		Gateway
Panamera	2010 - 2013	DSN-Alpha2	C/D	•		Gateway
Panamera	2010 - 2013	Front-end Electronics Codes Only	C/D	•		Front-end Electronics
Panamera	2010 - 2013	Gateway Codes Only	C/D	•		Gateway
Panamera	2010 - 2013	Left Headlight Code Only	C/D	•		Headlight - Left
Panamera	2010 - 2013	Parking Brake Codes Only	C/D	•		Parking Brake
Panamera	2010 - 2013	Rear-end Electronics Codes Only	C/D	•		Rear-end Electronics
Panamera	2010 - 2013	Right Headlight Codes Only	C/D	•		Headlight - Right
Panamera	2010 - 2013	Steering Wheel Electronics Codes Only	C/D	•		Steering Wheel Electronics
Panamera	2010 - 2013	Tire Pressure Monitoring Codes Only	C/D	•		Tire Pressure Monitoring
Panamera	2013 - 2013	Air Conditioning Codes Only	C/D	•	•,S,T	Air Conditioning
Panamera	2013 - 2013	DSN-000004	C/D	•	•,S,T	Tire Pressure Monitoring
Panamera	2013 - 2013	DSN-000006	C/D	•	•,S,T	Parking Brake
Panamera	2013 - 2013	DSN-000008	C/D	•	•,S,T	Headlight - Left
Panamera	2013 - 2013	DSN-000008	C/D	•	•,S,T	Headlight - Right
Panamera	2013 - 2013	DSN-000013	C/D	•	•,S,T	Rear-end Electronics
Panamera	2013 - 2013	DSN-000017	C/D	•	•,S,T	Front-end Electronics
Panamera	2013 - 2013	DSN-000017	C/D	•	•,S,T	Rear-end Electronics
Panamera	2013 - 2013	DSN-000023	C/D	•	•,S,T	Rear-end Electronics
Panamera	2013 - 2013	DSN-000025	C/D	•	•,S,T	Front-end Electronics
Panamera	2013 - 2013	DSN-000027	C/D	•	•,S,T	Front-end Electronics
Panamera	2013 - 2013	DSN-000033	C/D	•	•,S,T	Steering Wheel Electronics

## Other Continued

PORSCHE						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Panamera	2013 - 2013	DSN-005013	C/D	•	•,S,T	Front-end Electronics
Panamera	2013 - 2013	DSN-005017	C/D	•	•,S,T	Front-end Electronics
Panamera	2013 - 2013	DSN-100011	C/D	•	•,S,T	Air Conditioning
Panamera	2013 - 2013	DSN-A2-2	C/D	•	•,S,T	Gateway
Panamera	2013 - 2013	DSN-A4.1	C/D	•	•,S,T	Gateway
Panamera	2013 - 2013	DSN-Alpha2	C/D	•	•,S,T	Gateway
Panamera	2013 - 2013	Front-end Electronics Codes Only	C/D	•	•,S,T	Front-end Electronics
Panamera	2013 - 2013	Gateway Codes Only	C/D	•	•,S,T	Gateway
Panamera	2013 - 2013	Left Headlight Code Only	C/D	•	•,S,T	Headlight - Left
Panamera	2013 - 2013	Parking Brake Codes Only	C/D	•	•,S,T	Parking Brake
Panamera	2013 - 2013	Rear-end Electronics Codes Only	C/D	•	•,S,T	Rear-end Electronics
Panamera	2013 - 2013	Right Headlight Codes Only	C/D	•	•,S,T	Headlight - Right
Panamera	2013 - 2013	Steering Wheel Electronics Codes Only	C/D	•	•,S,T	Steering Wheel Electronics
Panamera	2013 - 2013	Tire Pressure Monitoring Codes Only	C/D	•	•,S,T	Tire Pressure Monitoring

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RK: Reset Adaptations, S: Steering Angle Sensor, I: Inertia Body Return, Jk: Jumper or Type Sens Auto, \* : Other (see table on page 26) Dark grey lines indicate new content at 1/4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

SEAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Alhambra	1998 - 2001	AJH	1.8		C,D	•	•
Alhambra	2000 - 2013	AWC	1.8		C,D	•	•
Alhambra	1995 - 2001	1Z	1.9		C,D	•	•
Alhambra	1997 - 2001	AFN	1.9		C,D	•	•
Alhambra	1996 - 2001	AHU	1.9		C,D	•	•
Alhambra	2003 - 2013	ASZ	1.9		C,D	•	•
Alhambra	2000 - 2013	ANU	1.9		C,D	•	•
Alhambra	2000 - 2013	ATD	1.9		C	•	•
Alhambra	2000 - 2013	BTB	1.9		C,D	•	•
Alhambra	2000 - 2013	BVK	1.9		C,D	•	•
Alhambra	2000 - 2013	AUY	1.9		C,D	•	•
Alhambra	2000 - 2001	AVG	1.9		C,D	•	•
Alhambra	1995 - 1995	2E	2		C,D	•	•
Alhambra	1996 - 2001	ABF	2		C,D	•	•
Alhambra	1995 - 2001	ADY	2		C,D	•	•
Alhambra	2000 - 2013	ATM	2		C,D	•	•
Alhambra	2000 - 2013	BRT	2		C,D	•	•
Alhambra	2010 - 2013	BVH	2.0L TDI CR		C,D	•	•
Alhambra	2010 - 2013	CFFB	2.0L TDI CR		C,D	•	•,I
Alhambra	1995 - 2001	AAA	2.8		C,D	•	•
Alhambra	2000 - 2001	AUE	2.8		C,D	•	•
Alhambra	1999 - 2010	AYL	2.8		C,D	•	•
Altea	2004 - 2007	BGU	1.6		C,D	•	•
Altea	2007 - 2007	BSF	1.6		C,D	•	•,T,E
Altea	2005 - 2007	BSE	1.6		C,D	•	•,T,E
Altea	2004 - 2007	BJB	1.9		C,D	•	•,P
Altea	2007 - 2007	BLS	1.9		C,D	•	•,P
Altea	2004 - 2007	BKC	1.9		C,D	•	•,P
Altea	2004 - 2007	BLR	2		C,D	•	•,T,E
Altea	2004 - 2007	BLY	2		C,D	•	•,T,E
Altea	2007 - 2007	AZV	2		C,D	•	•
Altea	2004 - 2007	BKD	2		C,D	•	•,P
Altea	2007 - 2007	BVZ	2		C,D	•	•,T,E
Altea	2007 - 2007	BVY	2		C,D	•	•,T,E
Altea	2007 - 2007	BMM	2		C,D	•	•,P
Altea	2007 - 2007	BMN	2		C,D	•	•,P
Altea	2007 - 2007	BXE	1.9		C,D	•	•,P
Altea/Freetrack	2009 - 2009	BXW	1.4		C,D	•	•,T,E
Altea/Freetrack	2010 - 2013	CAXC	1.4		C,D	•	•
Altea/Freetrack	2010 - 2013	BXW	1.4		C,D	•	•
Altea/Freetrack	2010 - 2013	CAYC	1.6L TDI CR		C,D	•	•,I,P
Altea/Freetrack	2009 - 2013	BSE	1.6		C,D	•	•,T,E
Altea/Freetrack	2010 - 2013	CHGA	1.6		C,D	•	•,T,E
Altea/Freetrack	2010 - 2013	CCSA	1.6		C,D	•	•,T,E
Altea/Freetrack	2009 - 2013	BSF	1.6		C,D	•	•,T,E
Altea/Freetrack	2009 - 2013	CDAA	1.8		C	•	•
Altea/Freetrack	2009 - 2013	BXF	1.9		C,D	•	•,P
Altea/Freetrack	2009 - 2009	BJB	1.9		C,D	•	•,P
Altea/Freetrack	2009 - 2009	BKC	1.9		C,D	•	•,P
Altea/Freetrack	2009 - 2013	BLS	1.9		C,D	•	•,P
Altea/Freetrack	2009 - 2013	BXE	1.9		C,D	•	•,P
Altea/Freetrack	2009 - 2009	BVY	2		C,D	•	•,T,E
Altea/Freetrack	2009 - 2009	BVZ	2		C,D	•	•,T,E
Altea/Freetrack	2009 - 2009	BLR	2		C,D	•	•,T,E
Altea/Freetrack	2009 - 2009	BLY	2		C,D	•	•,T,E
Altea/Freetrack	2009 - 2009	AZV	2		C,D	•	•
Altea/Freetrack	2009 - 2013	BKD	2		C,D	•	•,P
Altea/Freetrack	2009 - 2013	BMM	2		C,D	•	•,P
Altea/Freetrack	2009 - 2013	BMN	2		C,D	•	•,P

SEAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Altea/Freetrack	2009 - 2013	CEGA	2		C,D	•	•,I
Arosa	1997 - 1999	AER	1		C,D	•	•
Arosa	1999 - 2003	AHT	1		C,D	•	•
Arosa	1999 - 2003	ALD	1		C,D	•	•
Arosa	1997 - 1999	ALL	1		C,D	•	•
Arosa	1999 - 2003	ANV	1		C,D	•	•
Arosa	1999 - 2005	AUC	1		C,D	•	•
Arosa	1999 - 2003	ANY	1.2		C,D	•	•
Arosa	1997 - 1998	AEX	1.4		C,D	•	•
Arosa	1999 - 2003	AFK	1.4		C,D	•	•
Arosa	1998 - 2003	AKK	1.4		C,D	•	•
Arosa	1999 - 1999	AKV	1.4		C,D	•	•
Arosa	1999 - 2003	ANM	1.4		C,D	•	•
Arosa	1999 - 2003	ANW	1.4		C,D	•	•
Arosa	1997 - 1999	APQ	1.4		C,D	•	•
Arosa	1999 - 2003	AQK	1.4		C,D	•	•
Arosa	2000 - 2005	AUB	1.4		C,D	•	•
Arosa	1999 - 2005	AUD	1.4		C,D	•	•
Arosa	1999 - 2005	AMF	1.4		C,D	•	•
Arosa	1997 - 2005	AKU	1.7		C,D	•	•
Cordoba	1997 - 2001	AER	1		C,D	•	•
Cordoba	1999 - 2003	AFR	1		C,D	•	•
Cordoba	1999 - 2001	ALD	1		C,D	•	•
Cordoba	1997 - 2001	ALL	1		C,D	•	•
Cordoba	1999 - 2001	ANV	1		C,D	•	•
Cordoba	1999 - 2001	AST	1		C,D	•	•
Cordoba	1999 - 2001	AUC	1		C,D	•	•
Cordoba	2000 - 2001	AVZ	1		C,D	•	•
Cordoba	2007 - 2009	AZQ	1.2		C,D	•	•
Cordoba	2007 - 2009	BME	1.2		C,D	•	•
Cordoba	1993 - 1994	2G	1.3		C,D	•	•
Cordoba	1993 - 1996	ABD	1.4		C,D	•	•
Cordoba	1995 - 1997	AEX	1.4		C,D	•	•
Cordoba	1997 - 1999	AFH	1.4		C,D	•	•
Cordoba	1999 - 2002	AKK	1.4		C,D	•	•
Cordoba	1997 - 2001	AKV	1.4		C,D	•	•
Cordoba	1999 - 2003	ANW	1.4		C,D	•	•
Cordoba	1998 - 1998	ANX	1.4		C,D	•	•
Cordoba	1999 - 2003	APE	1.4		C,D	•	•
Cordoba	1997 - 2001	APQ	1.4		C,D	•	•
Cordoba	1999 - 2003	AQK	1.4		C,D	•	•
Cordoba	1999 - 2003	AUA	1.4		C,D	•	•
Cordoba	2007 - 2009	AUB	1.4		C,D	•	•
Cordoba	1999 - 2003	AUD	1.4		C,D	•	•
Cordoba	2003 - 2005	BBY	1.4		C,D	•	•
Cordoba	2007 - 2009	BBZ	1.4		C,D	•	•
Cordoba	2007 - 2009	BKY	1.4		C	•	•
Cordoba	2007 - 2009	AMF	1.4		C,D	•	•
Cordoba	1993 - 1996	ABN	1.6		C,D	•	•
Cordoba	1993 - 1998	EZ	1.6		C,D	•	•
Cordoba	1994 - 2001	1F	1.6		C,D	•	•
Cordoba	1993 - 1995	ABU	1.6		C,D	•	•
Cordoba	1996 - 1999	AEE	1.6		C,D	•	•
Cordoba	1999 - 2002	AEH	1.6		C,D	•	•
Cordoba	1996 - 1997	AFT	1.6		C,D	•	•
Cordoba	1999 - 2003	AKL	1.6		C,D	•	•
Cordoba	1997 - 2001	ALM	1.6		C,D	•	•
Cordoba	1999 - 2003	APF	1.6		C,D	•	•
Cordoba	2000 - 2001	AUR	1.6		C,D	•	•

Key for Special Functions: BS: Brake Bleed, SS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Relearn, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertia Body Relearn, A: Type of Motor or Type Semi Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

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 Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, Jk: Jumper or Type Sent Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

SEAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Cordoba	2007 - 2009	BAH	1.6		C,D	•	•
Cordoba	1993 - 1995	ABS	1.8		C,D	•	•
Cordoba	1995 - 1996	ACC	1.8		C,D	•	•
Cordoba	1993 - 1998	ADZ	1.8		C,D	•	•
Cordoba	1993 - 1998	KR	1.8		C,D	•	•
Cordoba	1994 - 1996	ADL	1.8		C,D	•	•
Cordoba	1999 - 2003	AQX	1.8		C,D	•	•
Cordoba	2000 - 2001	AYP	1.8		C,D	•	•
Cordoba	2007 - 2009	BKV	1.8		C	•	•
Cordoba	2007 - 2009	BJX	1.8		C	•	•
Cordoba	1993 - 1995	1Y	1.9		C,D	•	•
Cordoba	1993 - 1997	AEY	1.9		C,D	•	•
Cordoba	1999 - 2001	AGP	1.9		C,D	•	•
Cordoba	1998 - 2001	AKW	1.9		C,D	•	•
Cordoba	1999 - 2003	AQM	1.9		C,D	•	•
Cordoba	1993 - 1994	AAZ	1.9		C,D	•	•
Cordoba	1995 - 1996	AAZ	1.9		C,D	•	•
Cordoba	1995 - 1996	1Z	1.9		C,D	•	•
Cordoba	1996 - 2001	AFN	1.9		C,D	•	•
Cordoba	1999 - 2003	AGR	1.9		C,D	•	•
Cordoba	1996 - 2001	AHU	1.9		C,D	•	•
Cordoba	1998 - 2001	ALE	1.9		C,D	•	•
Cordoba	1999 - 2003	ALH	1.9		C,D	•	•
Cordoba	2000 - 2001	ASU	1.9		C,D	•	•
Cordoba	1999 - 2003	ASV	1.9		C,D	•	•
Cordoba	2007 - 2009	ASY	1.9		C,D	•	•
Cordoba	2007 - 2009	ASZ	1.9		C,D	•	•
Cordoba	2007 - 2009	ATD	1.9		C,D	•	•
Cordoba	1999 - 2001	AVG	1.9		C,D	•	•
Cordoba	2007 - 2009	AXR	1.9		C	•	•
Cordoba	2007 - 2009	BPX	1.9		C,D	•	•
Cordoba	2007 - 2009	BUK	1.9		C,D	•	•
Cordoba	1993 - 1995	2E	2		C,D	•	•
Cordoba	1993 - 2003	ABF	2		C,D	•	•
Cordoba	1995 - 2003	ADY	2		C,D	•	•
Cordoba	1996 - 1997	AGG	2		C,D	•	•
Cordoba	2007 - 2009	AZL	2		C,D	•	•
Cordoba	2007 - 2009	BBX	2		C,D	•	•
EXEO	2009 - 2013	ALZ	1.6		C,D	•	•,T,E
EXEO	2009 - 2013	BWE	2		C,D	•	•,T,E
EXEO	2009 - 2013	CAGA	2		C,D	•	•,I
EXEO	2009 - 2013	CAHA	2		C,D	•	•,I
Ibiza	1988 - 1992	146A000	0.9		C,D	•	•
Ibiza	1993 - 1995	AAU	1		C,D	•	•
Ibiza	1997 - 2001	AER	1		C,D	•	•
Ibiza	1999 - 2003	AFR	1		C,D	•	•
Ibiza	1999 - 2001	ALD	1		C,D	•	•
Ibiza	1997 - 2001	ALL	1		C,D	•	•
Ibiza	1999 - 2001	ANV	1		C,D	•	•
Ibiza	1999 - 2001	AST	1		C,D	•	•
Ibiza	2000 - 2001	AUC	1		C,D	•	•
Ibiza	2000 - 2001	AVZ	1		C,D	•	•
Ibiza	1986 - 1993	021A1000	1.2		C,D	•	•
Ibiza	2007 - 2009	AZQ	1.2		C,D	•	•
Ibiza	2010 - 2013	CGPA	1.2		C,D	•	•
Ibiza	2010 - 2013	CGPB	1.2		C,D	•	•,I
Ibiza	2010 - 2013	BZG	1.2		C,D	•	•
Ibiza	2007 - 2009	BME	1.2		C,D	•	•
Ibiza	1988 - 1993	021C1000	1.2		C,D	•	•

SEAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Ibiza	1993 - 1994	2G	1.3		C,D	•	•
Ibiza	1993 - 1995	AAV	1.3		C,D	•	•
Ibiza	2010 - 2013	CAVE	1.4		C	•	•
Ibiza	2010 - 2013	CAVF	1.4		C	•	•
Ibiza	2010 - 2013	CGGB	1.4		C	•	•
Ibiza	2010 - 2013	BXW	1.4		C,D	•	•
Ibiza	1993 - 1996	ABD	1.4		C,D	•	•
Ibiza	1995 - 1997	AEX	1.4		C,D	•	•
Ibiza	1997 - 2001	AFH	1.4		C,D	•	•
Ibiza	1999 - 2003	AKK	1.4		C,D	•	•
Ibiza	1997 - 2001	AKV	1.4		C,D	•	•
Ibiza	1999 - 2002	ANW	1.4		C,D	•	•
Ibiza	1998 - 1998	ANX	1.4		C,D	•	•
Ibiza	1999 - 2003	APE	1.4		C,D	•	•
Ibiza	1997 - 2001	APQ	1.4		C,D	•	•
Ibiza	1999 - 2003	AQO	1.4		C,D	•	•
Ibiza	1999 - 2003	AUA	1.4		C,D	•	•
Ibiza	1999 - 2003	AUB	1.4		C,D	•	•
Ibiza	1999 - 2003	AUD	1.4		C,D	•	•
Ibiza	2002 - 2005	BBY	1.4		C,D	•	•
Ibiza	2007 - 2009	BBZ	1.4		C,D	•	•
Ibiza	2007 - 2009	BKY	1.4		C	•	•
Ibiza	2007 - 2009	AMF	1.4		C,D	•	•
Ibiza	2007 - 2009	BNV	1.4		C,D	•	•
Ibiza	2010 - 2013	BMS	1.4		C,D	•	•
Ibiza	2007 - 2009	BNM	1.4		C,D	•	•
Ibiza	1986 - 1991	021A2000	1.5		C,D	•	•
Ibiza	1989 - 1993	021B2000	1.5		C,D	•	•
Ibiza	1989 - 1993	021C2000	1.5		C,D	•	•
Ibiza	2010 - 2013	BTS	1.6		C,D	•	•
Ibiza	1993 - 1996	ABN	1.6		C,D	•	•
Ibiza	1993 - 1998	EZ	1.6		C,D	•	•
Ibiza	1994 - 2001	1F	1.6		C,D	•	•
Ibiza	1993 - 1995	ABU	1.6		C,D	•	•
Ibiza	1996 - 1999	AEE	1.6		C,D	•	•
Ibiza	1999 - 2003	AEH	1.6		C,D	•	•
Ibiza	1996 - 1997	AFT	1.6		C,D	•	•
Ibiza	1999 - 2003	AKL	1.6		C,D	•	•
Ibiza	1997 - 2001	ALM	1.6		C,D	•	•
Ibiza	1999 - 2003	APF	1.6		C,D	•	•
Ibiza	2000 - 2001	AUR	1.6		C,D	•	•
Ibiza	2007 - 2009	BAH	1.6		C,D	•	•
Altea/Freetrack	2010 - 2013	CAYB	1.6L TDI CR		C,D	•	•,I,P
Altea/Freetrack	2010 - 2013	CAYC	1.6L TDI CR		C,D	•	•,I,P
Ibiza	1989 - 1993	022A5000	1.7		C,D	•	•
Ibiza	1991 - 1993	021C3000	1.7		C,D	•	•
Ibiza	1993 - 1995	ABS	1.8		C,D	•	•
Ibiza	1995 - 1996	ACC	1.8		C,D	•	•
Ibiza	1993 - 1998	ADZ	1.8		C,D	•	•
Ibiza	1994 - 1995	ADL	1.8		C,D	•	•
Ibiza	1999 - 2003	AQX	1.8		C,D	•	•
Ibiza	2007 - 2009	BKV	1.8		C,D	•	•
Ibiza	2000 - 2001	AYP	1.8		C,D	•	•
Ibiza	2007 - 2009	BJX	1.8		C,D	•	•
Ibiza	2007 - 2009	BKV	1.8		C,D	•	•
Ibiza	2007 - 2009	BLZ	1.8		C	•	•
Ibiza	2007 - 2009	BBU	1.8		C	•	•
Ibiza	2010 - 2013	BLS	1.9		C,D	•	•,P
Ibiza	1993 - 1995	1Y	1.9		C,D	•	•

# Engine Management Applications

SEAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Ibiza	1993 - 2001	AEY	1.9		C,D	•	•
Ibiza	1999 - 2001	AGP	1.9		C,D	•	•
Ibiza	1997 - 2001	AKW	1.9		C,D	•	•
Ibiza	1999 - 2003	AQM	1.9		C,D	•	•
Ibiza	2002 - 2007	ASY	1.9		C,D	•	•
Ibiza	2007 - 2009	AXR	1.9		C	•	•
Ibiza	1993 - 1994	AAZ	1.9		C,D	•	•
Ibiza	1995 - 1996	AAZ	1.9		C,D	•	•
Ibiza	1995 - 2001	1Z	1.9		C,D	•	•
Ibiza	1996 - 2001	AFN	1.9		C,D	•	•
Ibiza	1999 - 2003	AGR	1.9		C,D	•	•
Ibiza	1996 - 2001	AHU	1.9		C,D	•	•
Ibiza	1999 - 2003	ALH	1.9		C,D	•	•
Ibiza	2004 - 2005	ARL	1.9		C,D	•	•
Ibiza	2000 - 2001	ASU	1.9		C,D	•	•
Ibiza	1999 - 2003	ASV	1.9		C,D	•	•
Ibiza	2007 - 2009	ASZ	1.9		C,D	•	•
Ibiza	2007 - 2009	ATD	1.9		C,D	•	•
Ibiza	1999 - 2001	AVG	1.9		C,D	•	•
Ibiza	2004 - 2007	BPX	1.9		C,D	•	•
Ibiza	2007 - 2009	BLT	1.9		C	•	•
Ibiza	2007 - 2009	BUK	1.9		C,D	•	•
Ibiza	1993 - 1995	2E	2		C,D	•	•
Ibiza	1993 - 2001	ABF	2		C,D	•	•
Ibiza	1995 - 2001	ADY	2		C,D	•	•
Ibiza	1996 - 1997	AGG	2		C,D	•	•
Ibiza	2007 - 2009	AZL	2		C,D	•	•
Ibiza	2007 - 2009	BBX	2		C,D	•	•
Inca	1995 - 1997	AEX	1.4		C,D	•	•
Inca	1999 - 2003	AKK	1.4		C,D	•	•
Inca	1997 - 2003	AKV	1.4		C,D	•	•
Inca	1997 - 1999	APQ	1.4		C,D	•	•
Inca	1999 - 2003	AUA	1.4		C,D	•	•
Inca	1999 - 2003	AUD	1.4		C,D	•	•
Inca	1995 - 1998	1F	1.6		C,D	•	•
Inca	1997 - 1999	AEE	1.6		C,D	•	•
Inca	1998 - 2003	ALM	1.6		C,D	•	•
Inca	1996 - 2003	AHB	1.7		C,D	•	•
Inca	1995 - 2003	1Y	1.9		C,D	•	•
Inca	1995 - 2003	AEY	1.9		C,D	•	•
Inca	1999 - 2003	AYQ	1.9		C,D	•	•
Inca	1995 - 2003	1Z	1.9		C,D	•	•
Inca	1995 - 2003	AHU	1.9		C,D	•	•
Inca	1995 - 2003	ALE	1.9		C,D	•	•
Inca	1997 - 2003	ALH	1.9		C,D	•	•
Leon	2010 - 2013	CAXC	1.4		C,D	•	•
Leon	2010 - 2013	BXW	1.4		C,D	•	•,T,E
Leon	1999 - 2003	AHW	1.4		C,D	•	•
Leon	1999 - 2003	APE	1.4		C,D	•	•
Leon	1999 - 2003	AXP	1.4		C,D	•	•
Leon	2007 - 2009	BCA	1.4		C,D	•	•
Leon	2010 - 2013	CHGA	1.6		C,D	•	•,T,E
Leon	2010 - 2013	CCSA	1.6		C,D	•	•,T,E
Leon	2007 - 2009	AEH	1.6		C,D	•	•
Leon	2007 - 2009	AKL	1.6		C,D	•	•
Leon	1999 - 2001	APF	1.6		C,D	•	•
Leon	1999 - 2003	AUS	1.6		C,D	•	•
Leon	1999 - 2003	AZD	1.6		C,D	•	•
Leon	2007 - 2009	BCB	1.6		C,D	•	•

SEAT							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Leon	2007 - 2010	BSF	1.6		C,D	•	•
Leon	2007 - 2010	BSE	1.6		C,D	•	•,T,E
Leon	2007 - 2009	BFQ	1.6		C	•	•
Leon	2010 - 2013	CAYC	1.6L TDI CR		C,D	•	•,I,P
Leon	2009 - 2013	CDAA	1.8		C	•	•
Leon	1999 - 2005	AGN	1.8		C,D	•	•
Leon	2007 - 2009	APG	1.8		C,D	•	•
Leon	1999 - 2003	AJQ	1.8		C,D	•	•
Leon	2002 - 2003	AMK	1.8		C,D	•	•
Leon	1999 - 2003	APP	1.8		C,D	•	•
Leon	1999 - 2005	ARY	1.8		C,D	•	•
Leon	2007 - 2009	AUQ	1.8		C,D	•	•
Leon	2007 - 2009	BAM	1.8		C,D	•	•
Leon	2009 - 2013	BXF	1.9		C,D	•	•,P
Leon	1999 - 2005	AQM	1.9		C,D	•	•
Leon	1999 - 2003	AGR	1.9		C,D	•	•
Leon	1999 - 2003	AHF	1.9		C,D	•	•
Leon	2007 - 2009	ALH	1.9		C,D	•	•
Leon	2007 - 2009	ARL	1.9		C,D	•	•
Leon	2007 - 2009	ASV	1.9		C,D	•	•
Leon	2007 - 2009	AXR	1.9		C	•	•
Leon	2007 - 2009	ASZ	1.9		C,D	•	•
Leon	2007 - 2009	BKC	1.9		C,D	•	•,P
Leon	2007 - 2010	BLS	1.9		C,D	•	•,P
Leon	2007 - 2010	BXE	1.9		C,D	•	•,P
Leon	2005 - 2005	ASZ	1.9		C,D	•	•
Leon	2010 - 2013	CDLA	2		C	•	•,T,E
Leon	2010 - 2013	CCZB	2		C	•	•,T,E
Leon	2007 - 2009	BLY	2		C,D	•	•,T,E
Leon	2007 - 2009	BWA	2		C,D	•	•
Leon	2007 - 2009	BVY	2		C,D	•	•
Leon	2007 - 2009	BLR	2		C,D	•	•,T,E
Leon	2007 - 2013	BKD	2		C,D	•	•,P
Leon	2007 - 2013	BMM	2		C,D	•	•,P
Leon	1999 - 2004	AGZ	2.3		C,D	•	•
Leon	1999 - 2001	AQN	2.3		C,D	•	•
Leon	1999 - 2003	AUE	2.8		C,D	•	•
Leon	2002 - 2005	BDE	2.8		C,D	•	•
Leon	2009 - 2013	CEGA	2		C,D	•	•,I
Malaga	1986 - 1993	021A1000	1.2		C,D	•	•
Malaga	1988 - 1993	021C1000	1.2		C,D	•	•
Malaga	1986 - 1991	021A2000	1.5		C,D	•	•
Malaga	1988 - 1991	021B2000	1.5		C,D	•	•
Malaga	1989 - 1993	021C2000	1.5		C,D	•	•
Malaga	1989 - 1993	022A5000	1.7		C,D	•	•
Marbella	1988 - 1994	08NCA	0.8		C,D	•	•
Marbella	1995 - 1998	08NCB	0.8		C,D	•	•
Marbella	1988 - 1995	09NCA	0.9		C,D	•	•
Terra	1988 - 1998	09NCA	0.9		C,D	•	•
Terra	1996 - 1998	MN	1.3		C,D	•	•
Terra	1996 - 1998	1W	1.4		C,D	•	•
Toledo	2004 - 2004	AUC	1		C,D	•	•
Toledo	2010 - 2013	CAXC	1.4		C,D	•	•
Toledo	2010 - 2013	BXW	1.4		C,D	•	•,T,E
Toledo	1999 - 2003	AHW	1.4		C,D	•	•
Toledo	1999 - 2003	AXP	1.4		C,D	•	•
Toledo	2004 - 2005	AUB	1.4		C,D	•	•
Toledo	2004 - 2004	AUC	1.4		C,D	•	•
Toledo	2005 - 2005	AUD	1.4		C	•	•

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Relearn, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Relearn, A: Type of Air, \* : Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, H- Hydraulic or Type Servo Auto, \*- Other (see table on page 263) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

SEAT							
Model	Years	Engine Code	Engine Info	System	Codes / Data	Actuator Tests	Special Functions
Toledo	2004 - 2005	AMF	1.4		C,D	•	•
Toledo	2010 - 2013	CHGA	1.6		C,D	•	•,T,E
Toledo	1993 - 1995	ABN	1.6		C,D	•	•
Toledo	1991 - 1994	EZ	1.6		C,D	•	•
Toledo	1991 - 1994	1F	1.6		C,D	•	•
Toledo	1995 - 1996	1F	1.6		C,D	•	•
Toledo	1998 - 2005	AEH	1.6		C,D	•	•
Toledo	1996 - 2001	AFT	1.6		C,D	•	•
Toledo	1998 - 2005	AKL	1.6		C,D	•	•
Toledo	2000 - 2001	AKS	1.6		C,D	•	•
Toledo	1999 - 2001	APF	1.6		C,D	•	•
Toledo	2000 - 2003	AUS	1.6		C,D	•	•
Toledo	1999 - 2001	AZD	1.6		C,D	•	•
Toledo	2003 - 2005	BCB	1.6		C,D	•	•
Toledo (VIN 5P)	2005 - 2005	BGU	1.6		C,D	•	•
Toledo (VIN 5P)	2007 - 2013	BSE	1.6		C,D	•	•,T,E
Toledo (VIN 5P)	2007 - 2013	BSF	1.6		C,D	•	•
Toledo	2010 - 2013	CAYC	1.6L TDI CR		C,D	•	•,I,P
Toledo	2004 - 2005	AKU	1.7		C,D	•	•
Toledo	2009 - 2013	CDAA	1.8		C	•	•
Toledo	1993 - 1995	ABS	1.8		C,D	•	•
Toledo	1994 - 1996	ACC	1.8		C,D	•	•
Toledo	1994 - 1997	ADZ	1.8		C,D	•	•
Toledo	1991 - 1994	RP	1.8		C,D	•	•
Toledo	1991 - 1993	KR	1.8		C,D	•	•
Toledo	1991 - 1994	PL	1.8		C,D	•	•
Toledo	1998 - 2005	AGN	1.8		C,D	•	•
Toledo	1999 - 2005	APG	1.8		C,D	•	•
Toledo	1999 - 2001	AJQ	1.8		C,D	•	•
Toledo	1999 - 2001	APP	1.8		C,D	•	•
Toledo	1999 - 2001	ARY	1.8		C,D	•	•
Toledo	1999 - 2005	AUQ	1.8		C,D	•	•
Toledo	1991 - 1993	1Y	1.9		C,D	•	•
Toledo	1994 - 1995	1Y	1.9		C,D	•	•
Toledo	1999 - 2001	AQM	1.9		C,D	•	•
Toledo	1991 - 1994	AAZ	1.9		C,D	•	•
Toledo	1995 - 1996	AAZ	1.9		C,D	•	•
Toledo	1994 - 1996	1Z	1.9		C,D	•	•
Toledo	1996 - 1998	AFN	1.9		C,D	•	•
Toledo	1999 - 2003	AGR	1.9		C,D	•	•
Toledo	1998 - 2003	AHF	1.9		C,D	•	•
Toledo	1996 - 1997	AHU	1.9		C,D	•	•
Toledo	1999 - 2005	ALH	1.9		C,D	•	•
Toledo	1999 - 2001	ANU	1.9		C,D	•	•
Toledo	1999 - 2005	ARL	1.9		C,D	•	•
Toledo	1999 - 2005	ASV	1.9		C,D	•	•
Toledo	2004 - 2005	ASZ	1.9		C,D	•	•
Toledo	1999 - 2001	AVG	1.9		C,D	•	•
Toledo	2007 - 2013	BXE	1.9		C,D	•	•,P
Toledo	2007 - 2009	BJB	1.9		C,D	•	•,P
Toledo	2007 - 2013	BLS	1.9		C,D	•	•,P
Toledo	2007 - 2009	BKC	1.9		C,D	•	•,P
Toledo	1991 - 1994	2E	2		C,D	•	•
Toledo	1994 - 1997	ABF	2		C,D	•	•
Toledo	2007 - 2009	BVZ	2		C,D	•	•
Toledo	2007 - 2009	BVY	2		C,D	•	•
Toledo	2007 - 2009	BLR	2		C,D	•	•,T,E
Toledo	2007 - 2013	BKD	2		C,D	•	•,P
Toledo	2007 - 2013	BMM	2		C,D	•	•,P

SEAT							
Model	Years	Engine Code	Engine Info	System	Codes / Data	Actuator Tests	Special Functions
Toledo	2007 - 2009	BMN	2		C,D	•	•,P
Toledo	2007 - 2009	BLY	2		C,D	•	•,T,E
Toledo	2007 - 2009	AZV	2		C,D	•	•
Toledo	1996 - 1997	AGG	2		C,D	•	•
Toledo	1998 - 2005	AGZ	2.3		C,D	•	•
Toledo	1999 - 2005	AQN	2.3		C,D	•	•
Toledo	1999 - 2001	AUE	2.8		C,D	•	•
Toledo	2009 - 2013	CEGA	2		C,D	•	•,I

## Airbag

SEAT	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
AIR_VW8_1	C,D	•	•
AIR_VW_9.4	C,D	•	•
AIR_VW8	C,D	•	•
AIR_VW8.0	C,D	•	•
AIR_UDS	C,D	•	•
EV_AirbaVW20TS6VW48X	C,D	•	•
AIRAU1042	C,D	•	•
VW10Airbag 009	C,D	•	•
VW10Airbag 010	C,D	•	•
AIR_VW20	C,D	•	•
AIR_VW-AU10	C,D	•	•
VW10Airbag00M H06	C,D	•	•
AIR_VW10	C,D	•	•
AIR_VW51	C,D	•	•
AIR_VW52	C,D	•	•

## Antilock Brakes

SEAT	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
ABS 20 IE CAN	C,D		•
ABS 30 IE CAN	C,D		•
ABS 5.3 front	C,D		•
ABS 5.7 front	C,D		•
ABS Bosch 5	C,D		•
ABS Front MK60	C,D	•,S,B	
ABS ITTAE 20 GI	C,D	•,S	
ABS Teves 04	C	•,S	
ABS/ASR 5.3 front	C,D	•,S	
ABS/EDS 20 IE CAN	C,D	•,S	
ABS/EDS 5.3	C,D	•,S	
ABS/EDS 5.3 front	C,D	•,S	
ABS/EDS 5.3 Quattro	C,D	•,S	
ABS/EDS Bosch 5	C,D	•,S	
ABS/EDS ITTAE 20 GI	C,D	•,S	
ABS/EDS Teves 02	C	•,S	
ABS/EDS Teves 04	C	•,S	
ABS/ESP Allrad	C,D	•,S	
ABS/ESP Front	C,D	•,S	
ASR 20 IE CAN	C,D	•,S	
ASR Front MK60	C,D	•,S	
Bremson-Elektronik	C	•,S	
ESP 20 CAN	C,D	•,S	
ESP 5.3 T4 front	C,D	•,S	
ESP 5.7 Allrad	C,D	•,S	
ESP 5.7 Front	C,D	•,S	
ESP 5.7 RS	C,D	•,S	
ESP Allrad MK60	C,D	•,S,B	
ESP Front MK60	C,D	•,S,B	
ESP8.0	C,D	•	•,S
ABS23	C,D	•	•,S
ESP_MK25	C,D	•	•,S,B
UDSABS(General)	C,D		•

## Antilock Brakes Continued

SEAT	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
UDS MK25A	C,D		•
UDS MK60EC1	C,D		•
EBC 460 ESP H08	C,D		•,S
EV_Brake1UDSContiMK100	C,D		•,S
ESP Premium H09 0250	C,D		•,S
ESP MK25A XT	C,D		•,S
ESP MK60EC	C,D		•,S
ABS MK70	C,D		•,S

## Auto Transmission

SEAT	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
AG4 Getriebe 001	C,D		•
AG4 Getriebe 018	C,D	•	
AG4 Getriebe 01F	C,D	•	
AG4 Getriebe 01K	C,D	•	
AG4 Getriebe 01M	C,D		•
AG4 Getriebe 01N	C,D		•
AG4 Getriebe 01P	C,D		•
AG4 Getriebe 096	C,D		•
AG4 Getriebe 097	C,D		•
AG4 Getriebe 099	C,D		•
AG5 Getriebe 01L	C,D	•	
AG5 Getriebe 01V	C,D	•	
AG5 Getriebe 09A	C,D		•
AG5 Getriebe	C,D		•
Digimat 0842	C,D		•
Direkt-Schaltgetriebe DS085	C,D		
Multitronic V30 01]	C,D	•	
Type 02E DSG	C,D	•	•
TYPE 09G	C,D	•	•
TYPE 09L	C,D	•	•
TYPE 09E	C,D	•	•
TYPE 09D	C,D	•	
TYPE 0B5	C,D	•	•
TYPE 0B5	C,D	•	•
TYPE 0C8	C,D	•	•
TYPE 0BK	C,D	•	•
TYPE 0BW	C,D	•	•
TYPE 0AW	C,D	•	•

## Instrument Panel

SEAT	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
6K-Kombiinstrument VDO	C,D	•	
A4-Kombiinstrument VDO	C,D	•	
AB-Kombiinstrument VDO	C,D	•	
B5-Kombiinstrument M73	C,D	•	
B5-Kombiinstrument VDO	C,D	•	
C5-Kombiinstrument VDO	C,D	•	
D2-Kombiinstrument VDO	C,D	•	
S5-Kombiinstrument VDO	C,D	•	
T4-Kombiinstrument VDO	C,D	•	
W1-Kombiinstrument VDO	C,D	•	
Kombi+Wegfahrsp. B00	C,D	•	
Kombi+Wegfahrsp. M73	C,D	•	
Kombi+Wegfahrsp. MM0	C,D	•	
Kombi+Wegfahrsp. MM4	C,D	•	
Kombi+Wegfahrsp. RB4	C,D	•	
Kombi+Wegfahrsp. RB8	C,D	•	
Kombi+Wegfahrsp. TRW	C,D	•	
Kombi+Wegfahrsp. VDO	C,D	•	
Kombiinstrument B00	C,D	•	
Kombiinstrument MM0	C,D	•	
Kombiinstrument TRW	C,D	•	
Kombiinstrument VDO	C,D	•	
UDS PROTOCOL Kombi	C,D		•
Kombi_UDS_VDD_AU10	C,D		•
KombiUDSRBW526	C,D		•
EV_DashBoardVDDMQBAB	C,D		•
EV_R8D4K	C,D		•

## Other

SEAT	Codes/ Data	Actuator Tests	Special Functions	Base System
<b>System</b>				
Codescan	C,D			Codescan
Broadcast Clear Codes	C,D			Broadcast Clear Codes
Add. Heater/Parking heater	C			Add. Heater/Parking heater
Electronic Door Module Driver	C,D	•	•	Electronic Door Module Driver
Electronic Door Module Passenger	C,D	•	•	Electronic Door Module Passenger
Electronic Door Module Rear Left	C,D	•	•	Electronic Door Module Rear Left
Electronic Door Module Rear Right	C,D	•	•	Electronic Door Module Rear Right
Air-conditioning	C,D	•	•	Air-conditioning
Alarm system interior	C			Alarm system interior
Anti slip control	C		•	Anti slip control
Audio system	C			Audio system
Auto light switch	C		•	Auto light switch
Back spoiler	C			Back spoiler
Can bus interface	C,D	•	•	Can bus interface
Central door lock system	C	•		Central door lock system
Central Electronic Unit	C			Central Electronic Unit
Clutch electronics	C			Clutch electronics
Comfort systems	C,D	•	•	Comfort systems
Distance control	C			Distance control
Electronic level control	C			Electronic level control
Electronic roof control	C			Electronic roof control

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, RB- Reset Adaptations, S- Steering Angle Sensor, I- Inertia Body Relearn, Jk- Jumper for Type Semi Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Relearn, RB- Reset Adaptations, S- Steering Angle Sensor, I- Inertia Body Relearn, JA- Jumper or Type Sem Auto, \*- Other (see table on page 263) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Other Continued

SEAT				
System	Codes/ Data	Actuator Tests	Special Functions	Base System
Emergency unit	C			Emergency unit
Immobiliser	C,D		•	Immobiliser
Lever control xenon lights	C	•	•	Lever control xenon lights
Light control left	C			Light control left
Light control right	C			Light control right
Navigation system	C		•	Navigation system
Parking help	C,D			Parking help
Radio	C,D			Radio
Seat adjustment driver's side	C			Seat adjustment driver's side
Seat & mirror adjustment	C			Seat & mirror adjustment
Speech control	C			Speech control
Steering help	C		•	Steering help
Steering wheel electronics	C,D		•	Steering wheel electronics
Suspension electronics	C,D	•	•	Suspension electronics
Tyre pressure monitoring	C,D		•	Tyre pressure monitoring
4WD Electronics	C			4WD Electronics
Auxiliary Heater	C,D			Auxiliary Heater
Start Authorisation/Kessey	C,D		•	Start Authorisation/Kessey
Battery Management	C,D		•	Battery Management
Park Assist II	C	•	•	Park Assist II
Wiper Electronics	C	•		Wiper Electronics
Digital Radio	C,D		•	Digital Radio
Electronic Parking Brake	C		•	Electronic Parking Brake
Electronic Trailer Coupling	C,D		•	Electronic Trailer Coupling
6K-Kombiinstrument VDO			•	Service Interval Reset
A4-Kombiinstrument VDO			•	Service Interval Reset
AB-Kombiinstrument VDO			•	Service Interval Reset
B5-Kombiinstrument M73			•	Service Interval Reset
B5-Kombiinstrument VDO			•	Service Interval Reset
C5-Kombiinstrument VDO			•	Service Interval Reset
D2-Kombiinstrument VDO			•	Service Interval Reset
S5-Kombiinstrument VDO			•	Service Interval Reset
T4-Kombiinstrument VDO			•	Service Interval Reset
W1-Kombiinstrument VDO			•	Service Interval Reset
Kombi+Wegfahrsp. B00			•	Service Interval Reset
Kombi+Wegfahrsp. M73			•	Service Interval Reset
Kombi+Wegfahrsp. MM0			•	Service Interval Reset
Kombi+Wegfahrsp. MM4			•	Service Interval Reset
Kombi+Wegfahrsp. RB4			•	Service Interval Reset
Kombi+Wegfahrsp. RB8			•	Service Interval Reset
Kombi+Wegfahrsp. TRW			•	Service Interval Reset
Kombi+Wegfahrsp. VDO			•	Service Interval Reset
Kombiinstrument B00			•	Service Interval Reset
Kombiinstrument MM0			•	Service Interval Reset
Kombiinstrument TRW			•	Service Interval Reset
Kombiinstrument VDO			•	Service Interval Reset
UDS PROTOCOL Kombi			•	Service Interval Reset
Kombi_UDS_VDD_AU10			•	Service Interval Reset
KombiUDSRBVW526			•	Service Interval Reset
EV_DashBoardVDDMQBAB			•	Service Interval Reset
EV_R8D4K			•	Service Interval Reset

# Engine Management Applications

ŠKODA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Citigo	2012 - 2013	CAXA	1.4 MPI		C,D	•	•,T
Citigo	2012 - 2013	CAVD	1.4 MPI		C,D	•	•,T
Citigo	2012 - 2013	BVY	2.0 LFSI		C,D	•	•,T
Citigo	2012 - 2013	BVZ	2.0 LFSI		C,D	•	•,T
Citigo	2012 - 2013	BWA	2.0 LFSI		C,D	•	•,T
Citigo	2012 - 2013	CAWB	2.0 L MPI		C	•	•,T
Citigo	2012 - 2013	CCZA	2.0 L MPI		C	•	•,T
Citigo	2012 - 2013	CCZB	2.0 L MPI		C	•	•,I,P
Citigo	2012 - 2013	CBAB	2.0 L TDI		C,D	•	•,I,P
Citigo	2012 - 2013	CFFA	2.0 L TDI		C,D	•	•,I,P
Citigo	2012 - 2013	CFFB	2.0 L TDI		C,D	•	•,T
Estate	1993 - 1996	136X	1.3		C,D	•	•
Estate	1993 - 1996	135B	1.3		C,D	•	•
Estate	1994 - 1996	136B	1.3		C,D	•	•
Fabia	1999 - 2003	AQV	1		C,D	•	•
Fabia	2000 - 2003	ARV	1		C,D	•	•
Fabia	2000 - 2003	ATY	1		C,D	•	•
Fabia	2003 - 2007	AWY	1.2		C,D	•	•
Fabia	2003 - 2007	AZQ	1.2		C,D	•	•
Fabia	2003 - 2007	BDY	1.2		C,D	•	•
Fabia	2005 - 2007	BMD	1.2		C,D	•	•,E,T
Fabia	2005 - 2007	BME	1.2		C,D	•	•,T
Fabia	2000 - 2003	AME	1.4		C,D	•	•,T
Fabia	1999 - 2003	AQW	1.4		C,D	•	•,T
Fabia	1999 - 2003	ATZ	1.4		C,D	•	•,T
Fabia	2000 - 2003	AUA	1.4		C,D	•	•,T
Fabia	1999 - 2003	AUB	1.4		C,D	•	•,T
Fabia	2000 - 2003	AZE	1.4		C,D	•	•,T
Fabia	2000 - 2005	AZF	1.4		C,D	•	•,T
Fabia	1999 - 2003	AZP	1.4		C,D	•	•,T
Fabia	2003 - 2007	BBY	1.4		C,D	•	•,T
Fabia	2003 - 2007	BBZ	1.4		C,D	•	•,T
Fabia	2004 - 2007	AMF	1.4		C,D	•	•,T
Fabia	2004 - 2007	BAY	1.4		C,D	•	•,T
Fabia	2005 - 2007	BKY	1.4		C	•	•,T
Fabia	2011 - 2013	BTS	1.6		C,D	•	•,T
Fabia	2000 - 2009	ASY	1.9		C,D	•	•
Fabia	2000 - 2005	ATD	1.9		C,D	•	•
Fabia	2004 - 2007	AWX	1.9		C,D	•	•
Fabia	1999 - 2003	AQY	2		C,D	•	•
Fabia	2000 - 2009	ASZ	2		C,D	•	•
Fabia	2000 - 2009	AZL	2		C,D	•	•
FABIA	2012 - 2013	BSW	1.9 TDI		C	•	•
FABIA	2000 - 2009	BLT	1.9 TDI		C,D	•	•
FABIA	2000 - 2009	AXR	1.9 TDI		C,D	•	•
FABIA	2000 - 2009	ATD	1.9 TDI		C,D	•	•
FABIA	2011 - 2013	BLS	1.9 TDI		C,D	•	•,P
FABIA	2011 - 2013	BNM	1.4 TDI		C,D	•	•,I
FABIA	2011 - 2013	BMS	1.4 TDI		C,D	•	•,I
FABIA	2011 - 2013	BNV	1.4 TDI		C,D	•	•,I
FABIA	2000 - 2009	AMF	1.4 TDI		C,D	•	•
FABIA	2000 - 2009	BKY	1.4 TDI		C,D	•	•
FABIA	2000 - 2009	BBZ	1.4 TDI		C,D	•	•
FABIA	2000 - 2009	BME	1.4 TDI		C,D	•	•
FABIA	2000 - 2009	BMD	1.4 TDI		C,D	•	•
FABIA	2011 - 2013	BXW	1.4 MPI		C,D	•	•,E,T
FABIA	2009 - 2013	CHFA	1.2 MPI		C,D	•	•,E,T
FABIA	2009 - 2013	BBM	1.2 MPI		C,D	•	•,E,T
FABIA	2009 - 2013	BZG	1.2 MPI		C,D	•	•,E,T

ŠKODA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
FABIA	2009 - 2013	CEV	1.2 MPI		C,D	•	•,E,T
FABIA	2009 - 2009	CGPA	1.2 MPI		C,D	•	•,E,T
FABIA	2009 - 2009	CHTA	1.2 MPI		C,D	•	•,E,T
Favorit	1989 - 1993	115	1.1		C,D	•	•
Favorit	1989 - 1993	135	1.3		C,D	•	•
Favorit	1989 - 1993	136	1.3		C,D	•	•
Favorit	1993 - 1996	136X	1.3		C,D	•	•
Favorit	1993 - 1996	135B	1.3		C,D	•	•
Favorit	1994 - 1996	136B	1.3		C,D	•	•
Felicia	1995 - 1999	135	1.3		C,D	•	•
Felicia	1994 - 2001	135B	1.3		C,D	•	•
Felicia	1994 - 2001	136B	1.3		C,D	•	•
Felicia	1997 - 2000	136M	1.3		C,D	•	•
Felicia	1996 - 2003	AMG	1.3		C,D	•	•,T
Felicia	1998 - 2003	AMH	1.3		C,D	•	•,T
Felicia	1996 - 2003	AMJ	1.3		C,D	•	•,T
Felicia	1995 - 2003	AEE	1.6		C,D	•	•,T
Felicia	1996 - 2003	AEF	1.9		C,D	•	•,T
Forman	1993 - 1996	136X	1.3		C,D	•	•
Forman	1993 - 1996	135B	1.3		C,D	•	•
Forman	1994 - 1996	136B	1.3		C,D	•	•
Octavia	1999 - 2004	AMD	1.4		C,D	•	•
Octavia	2001 - 2003	AXP	1.4		C,D	•	•
Octavia	2004 - 2013	BCA	1.4		C	•	•
Octavia	2007 - 2007	BSE	1.4L MPI		C,D	•	•
Octavia	2012 - 2013	BUD	1.4 MPI		C,D	•	•,E,T
Octavia	1997 - 2004	AEH	1.6		C,D	•	•,T
Octavia	1998 - 2004	AKL	1.6		C,D	•	•,T
Octavia	2002 - 2003	AVU	1.6		C,D	•	•,T
Octavia	2003 - 2004	BFQ	1.6		C,D	•	•,T
Octavia	2004 - 2007	BGU	1.6		C,D	•	•,T
Octavia	2004 - 2013	BLF	1.6		C	•	•,T
Octavia	2007 - 2007	BLF	1.6L FSI		C,D	•	•,T
Octavia	2007 - 2007	BSF	1.6L FSI		C,D	•	•,T
Octavia	2007 - 2013	BSE	1.6L FSI		C,D	•	•,T
Octavia	2011 - 2013	CHGA	1.6L FSI		C,D	•	•,T
Octavia	2011 - 2013	CAYC	1.6L TDI CR		C,D	•	•,I,P
Octavia	1996 - 2004	AGN	1.8		C,D	•	•,T
Octavia	1998 - 2004	AGU	1.8		C,D	•	•,T
Octavia	2001 - 2004	ARX	1.8		C,D	•	•,T
Octavia	2000 - 2003	ARZ	1.8		C,D	•	•,T
Octavia	2000 - 2004	AUM	1.8		C,D	•	•,T
Octavia	2001 - 2004	AUQ	1.8		C,D	•	•,T
Octavia	2011 - 2013	BZB	1.8 TFSI		C,D	•	•,E,T
Octavia	2011 - 2013	CDAA	1.8 TFSI		C,D	•	•,E,T
Octavia	2011 - 2013	CDAB	1.8 TFSI		C,D	•	•,E,T
Octavia	1997 - 2001	AGD	1.9		C,D	•	•
Octavia	2001 - 2004	AQM	1.9		C,D	•	•
Octavia	1997 - 2003	AGP	1.9		C,D	•	•
Octavia	1996 - 2004	AGR	1.9		C,D	•	•
Octavia	1997 - 2004	AHF	1.9		C,D	•	•
Octavia	2000 - 2004	ALH	1.9		C,D	•	•
Octavia	2000 - 2004	ASV	1.9		C,D	•	•
Octavia	2003 - 2003	ASZ	1.9		C,D	•	•
Octavia	2000 - 2004	ATD	1.9		C,D	•	•
Octavia	2004 - 2007	BJK	1.9		C	•	•
Octavia	2007 - 2013	BKC	1.9L TDI		C,D	•	•
Octavia	2007 - 2013	BJB	1.9L TDI		C,D	•	•
Octavia	2000 - 2003	AEG	2		C,D	•	•

Key for Special Functions: BS: Brake Bleed, SS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Relearn, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Relearn, A: Type of Motor or Type Semi Auto, •: Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 ŠKODA - incorporated.



# Engine Management Applications

ŠKODA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Octavia	1999 - 2004	APK	2		C,D	•	•
Octavia	1999 - 2003	AQY	2		C,D	•	•
Octavia	1999 - 2003	ATF	2		C,D	•	•
Octavia	2005 - 2007	AXX	2		C,D	•	•
Octavia	2000 - 2004	AZH	2		C,D	•	•
Octavia	2003 - 2004	AZJ	2		C,D	•	•
Octavia	2007 - 2009	AZV	2		C,D	•	•
Octavia	2007 - 2009	BKD	2		C,D	•	*P
Octavia	2005 - 2007	BLR	2		C,D	•	•
Octavia	2005 - 2007	BLX	2		C,D	•	•
Octavia	2005 - 2007	BLY	2		C,D	•	•
Octavia	2007 - 2013	BMM	2.0L TDI		C,D	•	*P
Octavia	2007 - 2013	BMN	2.0L TDI		C,D	•	*P
Octavia	2007 - 2013	BKD	2.0L TDI		C,D	•	*P
Octavia	2007 - 2013	AZV	2.0L TDI		C,D	•	•
Octavia	2007 - 2013	BLY	2.0L MPI		C,D	•	*T
Octavia	2007 - 2013	BVX	2.0L MPI		C,D	•	*T
Octavia	2007 - 2013	BLR	2.0L MPI		C,D	•	*T
Octavia	2007 - 2013	BVZ	2.0L MPI		C,D	•	*T
Octavia	2007 - 2013	BVY	2.0L MPI		C,D	•	*T
Octavia	2007 - 2013	BWA	2.0L FSI		C,D	•	*T
Octavia	2011 - 2013	CCZA	2.0L FSI		C,D	•	*T
Octavia	2007 - 2013	BXE	2.0L TDI		C,D	•	*P
Octavia	2007 - 2013	BLX	2.0L FSI		C,D	•	*T
Octavia	2007 - 2013	BLS	2.0L TDI		C,D	•	*P
Octavia	2009 - 2013	CEGA	2.0LTDI-CR		C,D	•	*I
Octavia	2011 - 2013	CLCB	2.0L TDI CR		C,D	•	*I
Octavia	2011 - 2013	CBZB	1.2 MPI		C,D	•	*E,T
Octavia	2011 - 2013	CAXA	1.4 MPI		C,D	•	*E,T
Pickup	1994 - 1996	136B	1.3		C,D	•	•
Rapid	1988 - 1991	136G	1.3		C,D	•	•
Superb	2011 - 2013	BXW	1.4 MPI		C,D	•	*E,T
Superb	2011 - 2013	CAYC	1.6L TDI CR		C,D	•	*I,P
Superb	2011 - 2013	BZB	1.8 TFSI		C,D	•	*E,T
Superb	2011 - 2013	CDAA	1.8 TFSI		C,D	•	*E,T
Superb	2011 - 2013	CDAB	1.8 TFSI		C,D	•	*E,T
Superb	2002 - 2007	AWT	1.8		C,D	•	•
Superb	2003 - 2007	AVB	1.9		C,D	•	•
Superb	2002 - 2007	AWX	1.9		C,D	•	•
Superb	2007 - 2013	BXE	2.0L TDI		C,D	•	*P
Superb	2012 - 2013	BLS	2.0L TDI		C,D	•	*P
Superb	2002 - 2007	AZM	2		C,D	•	•
Superb	2002 - 2007	AYM	2.5		C,D	•	•
Superb	2004 - 2007	BDG	2.5		C,D	•	•
Superb	2002 - 2007	AMX	2.8		C,D	•	•
Superb	2007 - 2009	BBG	2.8		C	•	•
SUPERB	2007 - 2009	BBG	2.8 MPI		C	•	*T
SUPERB	2007 - 2009	AMX	2.8 MPI		C	•	*T
SUPERB	2007 - 2009	BDG	2.5 TDI		C,D	•	•
SUPERB	2007 - 2009	AZM	2.0 MPI		C	•	•
SUPERB	2007 - 2009	BSS	2.0 TDI		C,D	•	•
SUPERB	2007 - 2009	BSV	2.0 TDI		C	•	•
SUPERB	2007 - 2009	AVF	1.9 TDI		C,D	•	•
SUPERB	2007 - 2009	AWX	1.9 TDI		C,D	•	•
SUPERB	2007 - 2009	AVB	1.9 TDI		C,D	•	•
SUPERB	2007 - 2009	AWT	1.8 MPI		C	•	*T
SUPERB	2009 - 2013	CBBB	2.0LTDI-CR		C,D	•	*I
RAPID	2012 - 2013	CBZB	1.2L MPI		C	•	*T
RAPID	2012 - 2013	CGPC	1.2L MPI		C	•	*T

ŠKODA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
RAPID	2012 - 2013	CBZA	1.2L MPI		C,D	•	*T
RAPID	2012 - 2013	CAXA	1.4L MPI		C,D	•	*T
RAPID	2012 - 2013	CFNA	1.6L MPI		C,D	•	*T
RAPID	2012 - 2013	CLSA	1.6L TFSI		C,D	•	*I
RAPID	2012 - 2013	CAYC	1.6L TDI-CR		C,D	•	*I,P
RAPID	2012 - 2013	CLNA	1.6L TDI-CR		C,D	•	*I,P
ROOMSTER	2007 - 2013	BSW	1.9TDI		C	•	•
ROOMSTER	2007 - 2013	AXR	1.9TDI		C	•	•
ROOMSTER	2007 - 2013	BTS	1.6 MPI		C,D	•	•
ROOMSTER	2007 - 2013	BNV	1.4 TDI		C,D	•	•
ROOMSTER	2007 - 2013	BNM	1.4TDI		C,D	•	•
ROOMSTER	2011 - 2013	BMS	1.4 TDI		C,D	•	*I
ROOMSTER	2007 - 2009	BXW	1.4 MPI		C,D	•	*T
ROOMSTER	2007 - 2009	BUD	1.4 MPI		C,D	•	*T
ROOMSTER	2007 - 2009	BME	1.2 MPI		C,D	•	*T
ROOMSTER	2007 - 2013	BXW	1.4 MPI		C,D	•	*E,T
ROOMSTER	2007 - 2013	BUD	1.4 MPI		C,D	•	*E,T
ROOMSTER	2007 - 2013	BME	1.2 MPI		C,D	•	*E,T
ROOMSTER	2011 - 2013	CHTA	1.2 MPI		C,D	•	*E,T
ROOMSTER	2009 - 2013	BBM	1.2 MPI		C,D	•	*E,T
ROOMSTER	2011 - 2013	BZG	1.2 MPI		C,D	•	*E,T
ROOMSTER	2011 - 2013	CEV	1.2 MPI		C,D	•	*E,T
YETI	2011 - 2013	CBZB	1.2 MPI		C,D	•	*E,T
YETI	2011 - 2013	CDAA	1.8 TFSI		C,D	•	*E,T
YETI	2011 - 2013	CDAB	1.8 TFSI		C,D	•	*E,T
YETI	2011 - 2013	CEGA	2.0L TDI CR		C,D	•	*I
YETI	2011 - 2013	CFHA	2.0L TDI CR		C,D	•	*I
YETI	2011 - 2013	CFHF	2.0L TDI CR		C,D	•	*I
YETI	2011 - 2013	CFHC	2.0L TDI CR		C,D	•	*I
YETI	2011 - 2013	CLCB	2.0L TDI CR		C,D	•	*I
YETI	2011 - 2013	CFJA	2.0L TDI CR		C,D	•	*I
YETI	2012 - 2013	CBDB	2.0L TDI CR		C,D	•	*I

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: EGR, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertia Body Relearn, H: Hydraulic or Type Sent Auto, \* Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Airbag

ŠKODA	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
AIR_VW8_1	C,D	•	•
AIR_VW_9.4	C,D	•	•
AIR_VW8	C,D	•	•
AIR_VW8.0	C,D	•	•
AIR_UDS	C,D	•	•
EV_AirbaVW20TS6VW48X	C,D	•	•
AIRAU1042	C,D	•	•
VW10Airbag 009	C,D	•	•
VW10Airbag 010	C,D	•	•
AIR_VW20	C,D	•	•
AIR_VW-AU10	C,D	•	•
VW10Airbag00M H06	C,D	•	•
AIR_VW10	C,D	•	•
AIR_VW51	C,D	•	•
AIR_VW52	C,D	•	•

## Antilock Brakes

ŠKODA	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
ABS 20 IE CAN	C,D		•
ABS 30 IE CAN	C,D		•
ABS 5.3 front	C,D		•
ABS 5.7 front	C,D		•
ABS Bosch 5	C,D		•
ABS Front MK60	C,D		•,S,B
ABS ITTAE 20 GI	C,D		•,S
ABS Teves 04	C		•,S
ABS/ASR 5.3 front	C,D		•,S
ABS/EDS 20 IE CAN	C,D		•,S
ABS/EDS 5.3	C,D		•,S
ABS/EDS 5.3 front	C,D		•,S
ABS/EDS 5.3 Quattro	C,D		•,S
ABS/EDS Bosch 5	C,D		•,S
ABS/EDS ITTAE 20 GI	C,D		•,S
ABS/EDS Teves 02	C		•,S
ABS/EDS Teves 04	C		•,S
ABS/ESP Allrad	C,D		•,S
ABS/ESP Front	C,D		•,S
ASR 20 IE CAN	C,D		•,S
ASR Front MK60	C,D		•,S
Bremson-Elektronik	C		•,S
ESP 20 CAN	C,D		•,S
ESP 5.3 T4 front	C,D		•,S
ESP 5.7 Allrad	C,D		•,S
ESP 5.7 Front	C,D		•,S
ESP 5.7 RS	C,D		•,S
ESP Allrad MK60	C,D		•,S,B
ESP Front MK60	C,D		•,S,B
ESP8.0	C,D		•,S
ABS23	C,D		•,S
ESP_MK25	C,D		•,S,B
UDSABS(General)	C,D		•

## Antilock Brakes Continued

ŠKODA	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
UDS MK25A	C,D		•
UDS MK60EC1	C,D		•
EBC 460 ESP H08	C,D		•,S
EV_Brake1UDSContiMK100	C,D		•,S
ESP Premium H09 0250	C,D		•,S
ESP MK25A XT	C,D		•,S
ESP MK60EC	C,D		•,S
ABS MK70	C,D		•,S

## Auto Transmission

ŠKODA	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
AG4 Getriebe 001	C,D		•
AG4 Getriebe 018	C,D	•	
AG4 Getriebe 01F	C,D	•	
AG4 Getriebe 01K	C,D	•	
AG4 Getriebe 01M	C,D		•
AG4 Getriebe 01N	C,D		•
AG4 Getriebe 01P	C,D		•
AG4 Getriebe 096	C,D		•
AG4 Getriebe 097	C,D		•
AG4 Getriebe 099	C,D		•
AG5 Getriebe 01L	C,D	•	
AG5 Getriebe 01V	C,D	•	
AG5 Getriebe 09A	C,D		•
AG5 Getriebe	C,D		•
Digimat 0842	C,D		•
Direkt-Schaltgetriebe DS085	C,D		•
Multitronic V30 01]	C,D	•	
Type 02E DSG	C,D	•	•
TYPE 09G	C,D	•	•
TYPE 09L	C,D	•	•
TYPE 09E	C,D	•	•
TYPE 09D	C,D	•	
TYPE 0B5	C,D	•	•
TYPE 0B5	C,D	•	•
TYPE 0C8	C,D	•	•
TYPE 0BK	C,D	•	•
TYPE 0BW	C,D	•	•
TYPE 0AW	C,D	•	•

## Instrument Panel

ŠKODA	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
6K-Kombiinstrument VDO	C,D	•	
A4-Kombiinstrument VDO	C,D	•	
AB-Kombiinstrument VDO	C,D	•	
B5-Kombiinstrument M73	C,D	•	
B5-Kombiinstrument VDO	C,D	•	
C5-Kombiinstrument VDO	C,D	•	
D2-Kombiinstrument VDO	C,D	•	
S5-Kombiinstrument VDO	C,D	•	
T4-Kombiinstrument VDO	C,D	•	
W1-Kombiinstrument VDO	C,D	•	
Kombi+Wegfahrsp. B00	C,D	•	
Kombi+Wegfahrsp. M73	C,D	•	
Kombi+Wegfahrsp. MM0	C,D	•	
Kombi+Wegfahrsp. MM4	C,D	•	
Kombi+Wegfahrsp. RB4	C,D	•	
Kombi+Wegfahrsp. RB8	C,D	•	
Kombi+Wegfahrsp. TRW	C,D	•	
Kombi+Wegfahrsp. VDO	C,D	•	
Kombiinstrument B00	C,D	•	
Kombiinstrument MM0	C,D	•	
Kombiinstrument TRW	C,D	•	
Kombiinstrument VDO	C,D	•	
UDS PROTOCOL Kombi	C,D		•
Kombi_UDS_VDD_AU10	C,D		•
KombiUDSRBW526	C,D		•
EV_DashBoardVDDMQBAB	C,D		•
EV_R8D4K	C,D		•

## Other

ŠKODA	Codes/ Data	Actuator Tests	Special Functions	Base System
<b>System</b>				
Codescan	C,D			Codescan
Broadcast Clear Codes	C,D			Broadcast Clear Codes
Add. Heater/Parking heater	C			Add. Heater/Parking heater
Electronic Door Module Driver	C,D	•	•	Electronic Door Module Driver
Electronic Door Module Passenger	C,D	•	•	Electronic Door Module Passenger
Electronic Door Module Rear Left	C,D	•	•	Electronic Door Module Rear Left
Electronic Door Module Rear Right	C,D	•	•	Electronic Door Module Rear Right
Air-conditioning	C,D	•	•	Air-conditioning
Alarm system interior	C			Alarm system interior
Anti slip control	C		•	Anti slip control
Audio system	C			Audio system
Auto light switch	C		•	Auto light switch
Back spoiler	C			Back spoiler
Can bus interface	C,D	•	•	Can bus interface
Central door lock system	C	•		Central door lock system
Central Electronic Unit	C			Central Electronic Unit
Clutch electronics	C			Clutch electronics
Comfort systems	C,D	•	•	Comfort systems
Distance control	C			Distance control
Electronic level control	C			Electronic level control
Electronic roof control	C			Electronic roof control

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RK- Reset Adaptation's S- Steering Angle Sensor, I- Inertia Body Return, Jk- Jumper for Type Semi Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 ŠKODA - Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Other Continued

SKODA		Codes/ Data	Actuator Tests	Special Functions	Base System
System					
Emergency unit	C				Emergency unit
Immobiliser	C,D			•	Immobiliser
Lever control xenon lights	C		•	•	Lever control xenon lights
Light control left	C				Light control left
Light control right	C				Light control right
Navigation system	C			•	Navigation system
Parking help	C,D				Parking help
Radio	C,D				Radio
Seat adjustment driver's side	C				Seat adjustment driver's side
Seat & mirror adjustment	C				Seat & mirror adjustment
Speech control	C				Speech control
Steering help	C			•	Steering help
Steering wheel electronics	C,D			•	Steering wheel electronics
Suspension electronics	C,D		•	•	Suspension electronics
Tyre pressure monitoring	C,D			•	Tyre pressure monitoring
4WD Electronics	C				4WD Electronics
Auxiliary Heater	C,D				Auxiliary Heater
Start Authorisation/Kessey	C,D			•	Start Authorisation/Kessey
Battery Management	C,D			•	Battery Management
Park Assist II	C		•	•	Park Assist II
Wiper Electronics	C		•		Wiper Electronics
Digital Radio	C,D			•	Digital Radio
Electronic Parking Brake	C			•	Electronic Parking Brake
Electronic Trailer Coupling	C,D			•	Electronic Trailer Coupling
6K-Kombiinstrument VDO				•	Service Interval Reset
A4-Kombiinstrument VDO				•	Service Interval Reset
AB-Kombiinstrument VDO				•	Service Interval Reset
B5-Kombiinstrument M73				•	Service Interval Reset
B5-Kombiinstrument VDO				•	Service Interval Reset
C5-Kombiinstrument VDO				•	Service Interval Reset
D2-Kombiinstrument VDO				•	Service Interval Reset
S5-Kombiinstrument VDO				•	Service Interval Reset
T4-Kombiinstrument VDO				•	Service Interval Reset
W1-Kombiinstrument VDO				•	Service Interval Reset
Kombi+Wegfahrsp. B00				•	Service Interval Reset
Kombi+Wegfahrsp. M73				•	Service Interval Reset
Kombi+Wegfahrsp. MM0				•	Service Interval Reset
Kombi+Wegfahrsp. MM4				•	Service Interval Reset
Kombi+Wegfahrsp. RB4				•	Service Interval Reset
Kombi+Wegfahrsp. RB8				•	Service Interval Reset
Kombi+Wegfahrsp. TRW				•	Service Interval Reset
Kombi+Wegfahrsp. VDO				•	Service Interval Reset
Kombiinstrument B00				•	Service Interval Reset
Kombiinstrument MM0				•	Service Interval Reset
Kombiinstrument TRW				•	Service Interval Reset
Kombiinstrument VDO				•	Service Interval Reset
UDS PROTOCOL Kombi				•	Service Interval Reset
Kombi_UDS_VDD_AU10				•	Service Interval Reset
KombiUDSRBVW526				•	Service Interval Reset
EV_DashBoardVDDMQBAB				•	Service Interval Reset
EV_R8D4K				•	Service Interval Reset

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, I: Inertia Body/Rearm, JA: Jumper or Type Sem Auto, \*: Other (see table on page 263) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

SMART								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Forfour (454)	2004 - 2006	122.95	1.5L Brabus 130kW	ENG_454	C/D	•		
Forfour (454)	2004 - 2006	134.91	1.1L 55kW	ENG_454	C/D	•		
Forfour (454)	2004 - 2006	134.911	1.1L 45kW	ENG_454	C/D	•		
Forfour (454)	2004 - 2006	135.93	1.3L 70kW	ENG_454	C/D	•		
Forfour (454)	2004 - 2006	135.95	1.5L 80kW	ENG_454	C/D	•		
Forfour (454)	2004 - 2006	639.939	1.5L cdi 50kW	EDG_454	C/D	•	•,I	
Forfour (454)	2004 - 2006	639.939	1.5L cdi 70kW	EDG_454	C/D	•	•,I	
Fortwo Cabrio (450 MC01)	1998 - 2002	160.91	0.6L 33kW	MEG	C/D	•		
Fortwo Cabrio (450 MC01)	1998 - 2002	160.91	0.6L 33kW	MEG_450	C/D	•		
Fortwo Cabrio (450 MC01)	1998 - 2002	160.91	0.6L 40kW	MEG	C/D	•		
Fortwo Cabrio (450 MC01)	1998 - 2002	160.91	0.6L 40kW	MEG_450	C/D	•		
Fortwo Cabrio (450 MC01)	1998 - 2002	160.91	0.6L 45kW	MEG	C/D	•		
Fortwo Cabrio (450 MC01)	1998 - 2002	160.91	0.6L 45kW	MEG_450	C/D	•		
Fortwo Cabrio (450 MC01)	1998 - 2002	660.94	0.8L cdi 30kW	EDG	C/D	•		
Fortwo Cabrio (450 MC01)	2003 - 2004	160.92	0.7L 37kW	MEG	C/D	•		
Fortwo Cabrio (450 MC01)	2003 - 2004	160.92	0.7L 45kW	MEG	C/D	•		
Fortwo Cabrio (450 MC01)	2003 - 2007	160.92	0.7L 37kW	MEG_450	C/D	•		
Fortwo Cabrio (450 MC01)	2003 - 2007	160.92	0.7L 45kW	MEG_450	C/D	•		
Fortwo Cabrio (450 MC01)	2003 - 2007	160.92	0.7L 55kW	MEG	C/D	•		
Fortwo Cabrio (450 MC01)	2003 - 2007	160.92	0.7L 55kW	MEG_450	C/D	•		
Fortwo Cabrio (451)	2007 - 2013	132.91	1.0L 45kW	ME-SFI	C/D	•		
Fortwo Cabrio (451)	2007 - 2013	132.91	1.0L 52kW	ME-SFI	C/D	•		
Fortwo Cabrio (451)	2007 - 2013	132.91	1.0L mhd 52kW	ME-SFI	C/D	•		
Fortwo Cabrio (451)	2007 - 2013	132.93	1.0L 62kW	ME-SFI	C/D	•		
Fortwo Cabrio (451)	2007 - 2013	132.93	1.0L Brabus 72kW	ME-SFI	C/D	•		
Fortwo Cabrio (451)	2007 - 2013	660.95	0.8L cdi 33kW	CDI	C/D	•	•,I	
Fortwo Cabrio (451)	2007 - 2013	660.95	0.8L cdi 33kW	CDI_DPF	C/D	•	•,I	
Fortwo Cabrio (451)	2007 - 2013	660.951	0.8L cdi 40kW	CDI	C/D	•	•,I	
Fortwo Cabrio (451)	2007 - 2013	660.951	0.8L cdi 40kW	CDI_DPF	C/D	•	•,I	
Fortwo Coupe (450 MC01)	1998 - 2002	160.91	0.6L 33kW	MEG	C/D	•		
Fortwo Coupe (450 MC01)	1998 - 2002	160.91	0.6L 33kW	MEG_450	C/D	•		
Fortwo Coupe (450 MC01)	1998 - 2002	160.91	0.6L 40kW	MEG	C/D	•		
Fortwo Coupe (450 MC01)	1998 - 2002	160.91	0.6L 40kW	MEG_450	C/D	•		
Fortwo Coupe (450 MC01)	1998 - 2002	160.91	0.6L 45kW	MEG	C/D	•		
Fortwo Coupe (450 MC01)	1998 - 2002	160.91	0.6L 45kW	MEG_450	C/D	•		
Fortwo Coupe (450 MC01)	1998 - 2007	660.94	0.8L cdi 30kW	EDG	C/D	•		
Fortwo Coupe (450 MC01)	2003 - 2004	160.92	0.7L 37kW	MEG	C/D	•		
Fortwo Coupe (450 MC01)	2003 - 2004	160.92	0.7L 45kW	MEG	C/D	•		
Fortwo Coupe (450 MC01)	2003 - 2007	160.92	0.7L 37kW	MEG_450	C/D	•		
Fortwo Coupe (450 MC01)	2003 - 2007	160.92	0.7L 45kW	MEG_450	C/D	•		
Fortwo Coupe (450 MC01)	2003 - 2007	160.92	0.7L 55kW	MEG	C/D	•		
Fortwo Coupe (450 MC01)	2003 - 2007	160.92	0.7L 55kW	MEG_450	C/D	•		
Fortwo Coupe (451)	2007 - 2013	132.91	1.0L 45kW	ME-SFI	C/D	•		
Fortwo Coupe (451)	2007 - 2013	132.91	1.0L 52kW	ME-SFI	C/D	•		
Fortwo Coupe (451)	2007 - 2013	132.91	1.0L mhd 45kW	ME-SFI	C/D	•		
Fortwo Coupe (451)	2007 - 2013	132.91	1.0L mhd 52kW	ME-SFI	C/D	•		
Fortwo Coupe (451)	2007 - 2013	132.93	1.0L 62kW	ME-SFI	C/D	•		
Fortwo Coupe (451)	2007 - 2013	132.93	1.0L Brabus 72kW	ME-SFI	C/D	•		
Fortwo Coupe (451)	2007 - 2013	660.95	0.8L cdi 33kW	CDI	C/D	•	•,I	
Fortwo Coupe (451)	2007 - 2013	660.95	0.8L cdi 33kW	CDI_DPF	C/D	•	•,I	
Fortwo Coupe (451)	2007 - 2013	660.951	0.8L cdi 40kW	CDI	C/D	•	•,I	
Fortwo Coupe (451)	2007 - 2013	660.951	0.8L cdi 40kW	CDI_DPF	C/D	•	•,I	
Roadster (452)	2003 - 2006	160.921	0.7L 45kW	MEG	C/D	•		
Roadster (452)	2003 - 2006	160.922	0.7L 60kW	MEG	C/D	•		
Roadster (452)	2003 - 2006	160.923	0.7L Brabus 74kW	MEG	C/D	•		
Roadster Coupe (452)	2003 - 2006	160.922	0.7L 60kW	MEG	C/D	•		
Roadster Coupe (452)	2003 - 2006	160.923	0.7L Brabus 74kW	MEG	C/D	•		

# Airbag

SMART					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Forfour (454)	2004 - 2006	SRS	C		
Fortwo Cabrio (450 MC01)	1998 - 2007	AE450	C/D		
Fortwo Cabrio (450 MC01)	1998 - 2007	SRS	C/D		
Fortwo Coupe (450 MC01)	1998 - 2007	AE450	C/D		
Fortwo Coupe (450 MC01)	1998 - 2007	SRS	C/D		
Roadster (452)	2003 - 2006	AE_452	C/D		
Roadster Coupe (452)	2003 - 2006	AE_452	C/D		
Fortwo Cabrio (451)	2007 - 2013	AB	C/D		
Fortwo Coupe (451)	2007 - 2013	AB	C/D		

# Antilock Brakes

SMART					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Fortwo Cabrio (450 MC01)	1998 - 2007	ABS	C/D		•,B
Fortwo Cabrio (450 MC01)	1998 - 2007	ESP450	C/D		•,B,S
Fortwo Cabrio (450 MC01)	1998 - 2007	ESP8_450	C/D	•	•,B,S
Fortwo Cabrio (451)	2007 - 2013	ESP	C/D	•	•
Fortwo Coupe (450 MC01)	1998 - 2007	ABS	C/D		•,B
Fortwo Coupe (450 MC01)	1998 - 2007	ESP450	C/D		•,B,S
Fortwo Coupe (450 MC01)	1998 - 2007	ESP8_450	C/D	•	•,B,S
Fortwo Coupe (451)	2007 - 2013	ESP	C/D	•	•
Forfour (454)	2004 - 2006	ABS	C/D	•	•,B
Forfour (454)	2004 - 2006	ESP8	C/D	•	•,B,S
Roadster (452)	2003 - 2006	ESP450	C/D		•,B,S
Roadster Coupe (452)	2003 - 2006	ESP450	C/D		•,B,S

# Auto Transmission

SMART					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Fortwo Cabrio (451)	2007 - 2013	SEQ	C/D		•
Fortwo Coupe (451)	2007 - 2013	SEQ	C/D		•

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, JA: Jumper or Type Semi Auto, \* : Other (see table on page 26) Dark grey lines indicate new content at 1,4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



## Instrument Panel

SMART					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Forfour (454)	2004 - 2006	A1 Instrument Cluster	C/D	•	
Fortwo Cabrio (450 MC01)	1998 - 2007	KI450	C/D	•	
Fortwo Cabrio (451)	2007 - 2013	IC	C/D	•	
Fortwo Coupe (450 MC01)	1998 - 2007	KI450	C/D	•	
Fortwo Coupe (451)	2007 - 2013	IC	C/D	•	
Roadster (452)	2003 - 2006	KI_452	C/D	•	
Roadster Coupe (452)	2003 - 2006	KI_452	C/D	•	

## Other

SMART						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Fortwo Coupe (451)	2007 - 2013	AAC	C/D	•	•	Automatic Air Conditioning
Fortwo Cabrio (451)	2007 - 2013	AAC	C/D	•	•	Automatic Air Conditioning
Forfour (454)	2004 - 2006	AAC	C/D	•	•	Automatic Air Conditioning
Fortwo Cabrio (450 MC01)	1998 - 2007	ZEE	C/D	•	•	Central Electronics
Fortwo Cabrio (450 MC01)	1998 - 2007	ZEE_450	C/D	•	•	Central Electronics
Fortwo Coupe (450 MC01)	1998 - 2007	ZEE	C/D	•	•	Central Electronics
Fortwo Coupe (450 MC01)	1998 - 2007	ZEE_450	C/D	•	•	Central Electronics
Forfour (454)	2004 - 2006	-	C			Clear All Vehicle Codes
Fortwo Coupe (450 MC01)	1998 - 2007	-	C			Clear All Vehicle Codes
Fortwo Cabrio (450 MC01)	1999 - 2007	-	C			Clear All Vehicle Codes
Fortwo Cabrio (451)	2007 - 2013	-	C			Clear All Vehicle Codes
Fortwo Coupe (451)	2007 - 2013	-	C			Clear All Vehicle Codes
Roadster Coupe (452)	2003 - 2006	-	C			Clear All Vehicle Codes
Roadster (452)	2003 - 2006	-	C			Clear All Vehicle Codes
Fortwo Coupe (450 MC01)	1998 - 2007	-	C			Code Scan
Fortwo Coupe (450 MC01)	1998 - 2007	-	C			Code Scan
Forfour (454)	2004 - 2006	-	C			Code Scan
Fortwo Cabrio (451)	2007 - 2013	-	C			Code Scan
Fortwo Coupe (451)	2007 - 2013	-	C			Code Scan
Roadster Coupe (452)	2003 - 2006	-	C			Code Scan
Roadster (452)	2003 - 2006	-	C			Code Scan
Fortwo Cabrio (451)	2007 - 2013	ES	C/D			Electronic Power Steering
Fortwo Coupe (450 MC01)	2001 - 2007	EPS	C/D			Electronic Power Steering
Fortwo Coupe (451)	2007 - 2013	ES	C/D			Electronic Power Steering
Fortwo Cabrio (450 MC01)	1998 - 2007	EPS	C/D			Electronic Power Steering
Forfour (454)	2004 - 2006	EPS_454	C/D	•		Electronic Power Steering
Roadster (452)	2003 - 2006	EPS	C/D			Electronic Power Steering
Roadster Coupe (452)	2003 - 2006	EPS	C/D			Electronic Power Steering
Forfour (454)	2004 - 2006	MFL_454	C/D			Multifunction Steering Wheel
Forfour (454)	2004 - 2006	-				Service Interval Reset
Fortwo Coupe (450 MC01)	1998 - 2007	-				Service Interval Reset
Fortwo Cabrio (450 MC01)	1999 - 2007	-				Service Interval Reset
Fortwo Cabrio (451)	2007 - 2010	-				Service Interval Reset
Fortwo Coupe (451)	2007 - 2010	-				Service Interval Reset
Roadster Coupe (452)	2003 - 2006	-				Service Interval Reset
Roadster (452)	2003 - 2006	-				Service Interval Reset
Fortwo Cabrio (451)	2007 - 2013	SAM	C/D	•	•	Signal Acquisition Module (SAM)

## Other Continued

SMART						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Fortwo Cabrio (450 MC01)	2003 - 2007	SAM450	C/D	•	•	Signal Acquisition Module (SAM)
Forfour (454)	2004 - 2006	SAM	C/D	•	•	Signal Acquisition Module (SAM)
Roadster (452)	2003 - 2006	SAM	C/D	•	•	Signal Acquisition Module (SAM)
Fortwo Coupe (451)	2007 - 2013	SAM	C/D	•	•	Signal Acquisition Module (SAM)
Roadster Coupe (452)	2003 - 2006	SAM	C/D	•	•	Signal Acquisition Module (SAM)
Fortwo Coupe (450 MC01)	2003 - 2007	SAM450	C/D	•	•	Signal Acquisition Module (SAM)
Fortwo Cabrio (451)	2007 - 2013	BSA	C/D			Starter Alternator Control Unit
Fortwo Coupe (451)	2007 - 2013	BSA	C/D			Starter Alternator Control Unit
Fortwo Cabrio (451)	2007 - 2013	TPC	C/D		•	Tire Pressure Monitoring
Fortwo Coupe (451)	2007 - 2013	TPC	C/D		•	Tire Pressure Monitoring
Roadster (452)	2003 - 2006	ESP				Wheel Alignment
Roadster Coupe (452)	2003 - 2006	ESP				Wheel Alignment
Fortwo Cabrio (451)	2007 - 2013	ESP				Wheel Alignment
Fortwo Coupe (451)	2007 - 2013	ESP				Wheel Alignment
Fortwo Coupe (450 MC01)	2003 - 2007	ABS				Wheel Alignment
Fortwo Coupe (450 MC01)	2003 - 2007	ESP				Wheel Alignment
Fortwo Cabrio (450 MC01)	2003 - 2007	ABS				Wheel Alignment
Fortwo Cabrio (450 MC01)	2003 - 2007	ESP				Wheel Alignment
Forfour (454)	2004 - 2006	ESP				Wheel Alignment

# Engine Management Applications

SUBARU								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
BRZ (4/5th VIN = ZC)	2012 - 2013	FA20	2.0L Petrol	-	C/D			
Forester (4/5th VIN = SF)	2000 - 2002	EJ202	2.0L Petrol	Denso	C/D			
Forester (4/5th VIN = SF)	2000 - 2002	EJ205	2.0L Petrol	Denso	C/D			
Forester (4/5th VIN = SF)	2000 - 2000	EJ20J	2.0L Petrol	Denso	C/D			
Forester (4/5th VIN = SH)	2008 - 2013	EE20	2.0L Diesel	-	C/D	•		
Forester (4/5th VIN = SH)	2008 - 2013	EJ204	2.0L Petrol	Denso	C/D			
Forester (4/5th VIN = SH)	2008 - 2013	EJ253	2.0L Petrol	Denso	C/D			
Forester (4/5th VIN = SH)	2008 - 2013	EJ255	2.5L Petrol	Denso	C/D			
Forester (4/5th VIN = SH)	2010 - 2013	FB20	2.0L Petrol	Denso	C/D			
Forester (4/5th VIN = SG)	2002 - 2004	EJ201	2.0L Petrol	Denso	C/D			
Forester (4/5th VIN = SG)	2002 - 2005	EJ205	2.0L Petrol	Denso	C/D			
Forester (4/5th VIN = SG)	2003 - 2005	EJ251	2.5L Petrol	Denso	C/D			
Forester (4/5th VIN = SG)	2004 - 2009	EJ255	2.5L Petrol	Denso	C/D			
Forester (4/5th VIN = SJ)	2013 - 2013	EE20	2.0L Diesel	-	C/D			
Forester (4/5th VIN = SJ)	2013 - 2013	FB20	2.0L Petrol	-	C/D			
Impreza (4/5th VIN = GE/GH/GR/GV)	2008 - 2013	EE20	2.0L Diesel	-	C/D	•		
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	EL154	1.5L Petrol	Denso	C/D			
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	EJ204	2.0L Petrol	Denso	C/D			
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	EJ255	2.5L Petrol	Denso	C/D			
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	EJ257	2.5L Petrol	Denso	C/D			
Impreza (4/5th VIN = GD/GG)	2000 - 2006	EJ161	1.6L Petrol	Denso	C/D			
Impreza (4/5th VIN = GD/GG)	2000 - 2006	EJ201	2.0L Petrol	Denso	C/D			
Impreza (4/5th VIN = GD/GG)	2000 - 2005	EJ205	2.0L Petrol	Denso	C/D			
Impreza (4/5th VIN = GD/GG)	2006 - 2007	EL154	1.5L Petrol	Denso	C/D			
Impreza (4/5th VIN = GD/GG)	2005 - 2007	EJ255	2.5L Petrol	Denso	C/D			
Impreza (4/5th VIN = GD/GG)	2005 - 2007	EJ257	2.5L Petrol	Denso	C/D			
Impreza (4/5th VIN = GD/GG)	2005 - 2007	EJ204	2.0L Petrol	Denso	C/D			
Impreza (4/5th VIN = GD/GG)	2001 - 2005	EJ207	2.0L Petrol	Denso	C/D			
Justy G3X	2003 - 2009	M13A	1.3L Petrol	33920-86G0	C/D	•		
Justy G3X	2003 - 2009	M15A	1.5L Petrol	33920-86G0	C/D	•		
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	EJ201	2.0L Petrol	Denso	C/D			
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	EJ202	2.0L Petrol	Denso	C/D			
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	EJ251	2.5L Petrol	Denso	C/D			
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	EZ30D	3.0L Petrol	Denso	C/D			
Legacy/Outback (4/5th VIN = BL/BP)	2008 - 2009	EE20	2.0L Diesel	-	C/D	•		
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	EJ20	2.0L Petrol	Denso	C/D			
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	EJ25	2.5L Petrol	Denso	C/D			
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	EZ30	3.0L Petrol	Denso	C/D			
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	EE20	2.0L Diesel	-	C/D	•		
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	EJ253	2.5L Petrol	Denso	C/D			
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2009	EZ36	3.6L Petrol	Denso	C/D			
Tribeca (4th VIN = W)	2007 - 2013	EZ30	3.0L Petrol	Denso	C/D			
Tribeca (4th VIN = W)	2006 - 2013	EZ36	3.6L Petrol	Denso	C/D			
XV (4/5th VIN = GP)	2012 - 2013	EE20	2.0L Diesel	-	C/D			
XV (4/5th VIN = GP)	2012 - 2013	FB16	1.6L Petrol	Denso	C/D			
XV (4/5th VIN = GP)	2012 - 2013	FB20	2.0L Petrol	Denso	C/D			

# Airbag

SUBARU								
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions			
BRZ (4/5th VIN = ZC)	2012 - 2013	-	C/D					
Forester (4/5th VIN = SF)	2000 - 2002	SRS	C					
Forester (4/5th VIN = SF)	2000 - 2002	SRS_580100	C					
Forester (4/5th VIN = SF)	2000 - 2002	SRS_580200	C					
Forester (4/5th VIN = SF)	2000 - 2002	SRS_580300	C					
Forester (4/5th VIN = SF)	2000 - 2002	SRS_580400	C/D					
Forester (4/5th VIN = SF)	2000 - 2002	SRS_580500	C					
Forester (4/5th VIN = SG)	2002 - 2005	SRS	C					
Forester (4/5th VIN = SG)	2002 - 2009	SRS_580100	C					
Forester (4/5th VIN = SG)	2002 - 2009	SRS_580200	C					
Forester (4/5th VIN = SG)	2002 - 2009	SRS_580300	C					
Forester (4/5th VIN = SG)	2002 - 2009	SRS_580400	C/D					
Forester (4/5th VIN = SG)	2002 - 2009	SRS_580500	C					
Forester (4/5th VIN = SH)	2008 - 2013	SRS_580100	C					
Forester (4/5th VIN = SH)	2008 - 2013	SRS_580200	C					
Forester (4/5th VIN = SH)	2008 - 2013	SRS_580300	C					
Forester (4/5th VIN = SH)	2008 - 2013	SRS_580400	C/D					
Forester (4/5th VIN = SH)	2008 - 2013	SRS_580500	C					
Forester (4/5th VIN = SJ)	2013 - 2013	-	C/D					
Impreza (4/5th VIN = GD/GG)	2000 - 2007	SRS	C					
Impreza (4/5th VIN = GD/GG)	2000 - 2007	SRS_580100	C					
Impreza (4/5th VIN = GD/GG)	2000 - 2007	SRS_580200	C					
Impreza (4/5th VIN = GD/GG)	2000 - 2007	SRS_580300	C					
Impreza (4/5th VIN = GD/GG)	2000 - 2007	SRS_580400	C/D					
Impreza (4/5th VIN = GD/GG)	2000 - 2007	SRS_580500	C					
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	SRS_580100	C					
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	SRS_580200	C					
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	SRS_580300	C					
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	SRS_580400	C/D					
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	SRS_580500	C					
Justy	2000 - 2003	74 19	C/D					
Justy G3X	2003 - 2009	38910-74G0	C/D					
Justy G3X	2003 - 2009	38910-86G0	C/D					
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	SRS	C					
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	SRS_580100	C					
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	SRS_580200	C					
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	SRS_580300	C					
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	SRS_580400	C/D					
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	SRS_580500	C					
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2005	SRS	C					
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	SRS_580100	C					
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	SRS_580200	C					
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	SRS_580300	C					
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	SRS_580400	C/D					
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	SRS_580500	C					
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	SRS	C					
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	SRS_580100	C					
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	SRS_580200	C					
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	SRS_580300	C					
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	SRS_580400	C/D					
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	SRS_580500	C					
Tribeca (4th VIN = W)	2006 - 2013	SRS_580100	C					
Tribeca (4th VIN = W)	2006 - 2013	SRS_580200	C					
Tribeca (4th VIN = W)	2006 - 2013	SRS_580300	C					
Tribeca (4th VIN = W)	2006 - 2013	SRS_580400	C/D					
Tribeca (4th VIN = W)	2006 - 2013	SRS_580500	C					
XV (4/5th VIN = GP)	2012 - 2013	-	C/D					

Key for Special Functions: ABS Brake Bleed, JSS Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil Reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, RA: Return of Type Semi Auto, \* Other (see table on page 26) Dark grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Inflator Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Relearn, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Relearn, H: Hydraulic or Type Servo Auto, \* : Other (see table on page 262) Dark grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Antilock Brakes

SUBARU					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
BRZ (4/5th VIN = ZC)	2012 - 2013	-	C/D	•	
Forester (4/5th VIN = SF)	2000 - 2002	ABS_1953	C/D		
Forester (4/5th VIN = SF)	2000 - 2002	ABS_B20302	C/D	•	
Forester (4/5th VIN = SF)	2000 - 2002	ABS_B50100	C/D	•	
Forester (4/5th VIN = SF)	2000 - 2002	ABS_BB0200	C/D	•	
Forester (4/5th VIN = SF)	2000 - 2002	ABS_BB0300	C/D	•	
Forester (4/5th VIN = SF)	2000 - 2002	ABS_BB0500	C/D	•	
Forester (4/5th VIN = SF)	2000 - 2002	ABS_BB0800	C/D	•	
Forester (4/5th VIN = SG)	2002 - 2005	ABS_1953	C/D		
Forester (4/5th VIN = SG)	2002 - 2009	ABS_B20302	C/D	•	
Forester (4/5th VIN = SG)	2002 - 2009	ABS_B50100	C/D	•	
Forester (4/5th VIN = SG)	2002 - 2009	ABS_BB0200	C/D	•	
Forester (4/5th VIN = SG)	2002 - 2009	ABS_BB0300	C/D	•	
Forester (4/5th VIN = SG)	2002 - 2009	ABS_BB0500	C/D	•	
Forester (4/5th VIN = SG)	2002 - 2009	ABS_BB0800	C/D	•	
Forester (4/5th VIN = SH)	2008 - 2013	ABS_B20302	C/D	•	
Forester (4/5th VIN = SH)	2008 - 2013	ABS_B50100	C/D	•	
Forester (4/5th VIN = SH)	2008 - 2013	ABS_BB0200	C/D	•	
Forester (4/5th VIN = SH)	2008 - 2013	ABS_BB0300	C/D	•	
Forester (4/5th VIN = SH)	2008 - 2013	ABS_BB0500	C/D	•	
Forester (4/5th VIN = SH)	2008 - 2013	ABS_BB0800	C/D	•	
Forester (4/5th VIN = SJ)	2013 - 2013	-	C/D		•
Impreza (4/5th VIN = GD/GG)	2000 - 2005	ABS_1953	C/D		
Impreza (4/5th VIN = GD/GG)	2000 - 2007	ABS_B20302	C/D	•	
Impreza (4/5th VIN = GD/GG)	2000 - 2007	ABS_B50100	C/D	•	
Impreza (4/5th VIN = GD/GG)	2000 - 2007	ABS_BB0200	C/D	•	
Impreza (4/5th VIN = GD/GG)	2000 - 2007	ABS_BB0300	C/D	•	
Impreza (4/5th VIN = GD/GG)	2000 - 2007	ABS_BB0500	C/D	•	
Impreza (4/5th VIN = GD/GG)	2000 - 2007	ABS_BB0800	C/D	•	
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	ABS_B20302	C/D	•	
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	ABS_B50100	C/D	•	
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	ABS_BB0200	C/D	•	
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	ABS_BB0300	C/D	•	
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	ABS_BB0500	C/D	•	
Impreza (4/5th VIN = GE/GH/GR/GV)	2007 - 2013	ABS_BB0800	C/D	•	
Justy G3X	2003 - 2009	56100-74G0	C/D		
Justy G3X	2003 - 2009	56110-84E0	C/D		
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	ABS_1953	C/D		
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	ABS_B20302	C/D	•	
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	ABS_B50100	C/D	•	
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	ABS_BB0200	C/D	•	
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	ABS_BB0300	C/D	•	
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	ABS_BB0500	C/D	•	
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	ABS_BB0800	C/D	•	
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2005	ABS_1953	C/D		
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	ABS_B20302	C/D	•	
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	ABS_B50100	C/D	•	
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	ABS_BB0200	C/D	•	
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	ABS_BB0300	C/D	•	
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	ABS_BB0500	C/D	•	
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	ABS_BB0800	C/D	•	
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	ABS_B20302	C/D	•	
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	ABS_B50100	C/D	•	
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	ABS_BB0200	C/D	•	
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	ABS_BB0300	C/D	•	
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	ABS_BB0500	C/D	•	
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	ABS_BB0800	C/D	•	
Tribeca (4th VIN = W)	2006 - 2013	ABS_B20302	C/D	•	

## Antilock Brakes Continued

SUBARU					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Tribeca (4th VIN = W)	2006 - 2013	ABS_B50100	C/D	•	
Tribeca (4th VIN = W)	2006 - 2013	ABS_BB0200	C/D	•	
Tribeca (4th VIN = W)	2006 - 2013	ABS_BB0300	C/D	•	
Tribeca (4th VIN = W)	2006 - 2013	ABS_BB0500	C/D	•	
Tribeca (4th VIN = W)	2006 - 2013	ABS_BB0800	C/D	•	
XV (4/5th VIN = GP)	2012 - 2013	-	C/D		•

## Auto Transmission

SUBARU					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
BRZ (4/5th VIN = ZC)	2012 - 2013	-	C/D		
Forester (4/5th VIN = SF)	2000 - 2002	TCM	C/D	•	
Forester (4/5th VIN = SG)	2002 - 2009	TCM	C/D		
Forester (4/5th VIN = SJ)	2013 - 2013	-	C/D		
Forester (4/5th VIN = SH)	2008 - 2013	TCM	C/D		
Impreza (4/5th VIN = GE/GH/GR/GV)	2006 - 2013	TCM	C/D		
Impreza (4/5th VIN = GD/GG)	2000 - 2006	TCM	C/D		
Justy G3X	2003 - 2009	38880-70H5	C/D		
Legacy/Outback (4/5th VIN = BE/BH)	2000 - 2003	TCM	C/D		
Legacy/Outback (4/5th VIN = BL/BP)	2003 - 2009	TCM	C/D		
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	TCM	C/D		
Tribeca (4th VIN = W)	2006 - 2013	TCM	C/D		
XV (4/5th VIN = GP)	2012 - 2013	-	C/D		

## Other

SUBARU						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Justy	2000 - 2003	14 53	C/D	•		Powertrain
Justy	2000 - 2003	33920-68E4	C/D	•		Powertrain
Legacy/Outback (4/5th VIN = BL/BP)	2008 - 2009	-				Service Interval Reset
Legacy/Outback (4/5th VIN = BM/BR)	2009 - 2013	-				Service Interval Reset
XV (4/5th VIN = GP)	2012 - 2013	-				Service Interval Reset
Forester (4/5th VIN = SH)	2008 - 2013	-				Service Interval Reset
Forester (4/5th VIN = SJ)	2013 - 2013	-				Service Interval Reset
Impreza (4/5th VIN = GE/GH/GR/GV)	2008 - 2013	-				Service Interval Reset

# Engine Management Applications

SUZUKI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Alto	2000 - 2002	G10B	1.0L Petrol	33920-70FD	C/D	•	
Alto	2002 - 2007	F10D	1.1L Petrol	33920-79G3	C/D	•	
Alto	2009 - 2013	K10B	1.0L Petrol	33920-68K0	C/D	•	
Alto	2009 - 2013	K10B	1.0L Petrol	33920-71M0	C/D	•	
Alto	2009 - 2013	K10B	1.0L Petrol	33920-71M2	C/D	•	
Baleno	2000 - 2002	G13	1.3L Petrol	14 53	C/D	•	
Baleno	2000 - 2002	G13	1.3L Petrol	19 43	C/D	•	
Baleno	2000 - 2002	G16	1.6L Petrol	14 53	C/D	•	
Baleno	2000 - 2002	G16	1.6L Petrol	19 43	C/D	•	
Baleno	2000 - 2002	J18	1.8L Petrol	18 41	C/D	•	
Baleno	2000 - 2002	J18	1.8L Petrol	33920-69GS	C/D	•	•
Carry	2000 - 2006	G13B	1.3L Petrol	33920-76A0	C/D	•	
Carry	2000 - 2006	G13B	1.3L Petrol	33920-76A6	C/D	•	
Grand Vitara	2000 - 2006	G16	1.6L Petrol	19 02	C/D	•	
Grand Vitara	2000 - 2006	G16	1.6L Petrol	33920-82D2	C/D	•	
Grand Vitara	2000 - 2006	H25	2.5L Petrol	19 01	C/D	•	
Grand Vitara	2000 - 2006	H25	2.5L Petrol	33920-67DG	C/D	•	
Grand Vitara	2000 - 2006	J20	2.0L Petrol	19 02	C/D	•	
Grand Vitara	2000 - 2006	J20	2.0L Petrol	33920-65J0	C/D	•	
Grand Vitara	2000 - 2006	J20	2.0L Petrol	33920-82D2	C/D	•	
Grand Vitara	2000 - 2006	RHW	2.0L Diesel	Bosch EDC15	C/D	•	
Grand Vitara	2000 - 2006	RHW	2.0L Diesel	Siemens SID801	C/D	•	
Grand Vitara	2000 - 2006	RHZ	2.0L Diesel	Bosch EDC15	C/D	•	
Grand Vitara	2000 - 2006	RHZ	2.0L Diesel	Siemens SID801	C/D	•	
Grand Vitara	2001 - 2008	H27	2.7L Petrol	33920-54JH	C/D	•	
Grand Vitara	2005 - 2013	F9Q	1.9L Diesel	Bosch EDC16	C/D	•	•,E,I,P
Grand Vitara	2005 - 2013	F9Q	1.9L Diesel	Bosch EDC16 C35	C/D	•	•,E,I
Grand Vitara	2005 - 2013	M16A	1.6L Petrol	33920-64J0	C/D	•	
Grand Vitara	2007 - 2011	J20	2.0L Petrol	33920-65J0	C/D	•	
Grand Vitara	2008 - 2013	J24B	2.4L Petrol	33980-78K0	C/D	•	
Ignis	2000 - 2009	M13A	1.3L Petrol	33920-80GA	C/D	•	
Ignis	2000 - 2009	M13A	1.3L Petrol	33920-86G0	C/D	•	
Ignis	2003 - 2009	M15A	1.5L Petrol	33920-60J1	C/D	•	
Ignis	2003 - 2009	M15A	1.5L Petrol	33920-86G0	C/D	•	
Jimny	2000 - 2006	G13B	1.3L Petrol	19 03	C/D	•	
Jimny	2000 - 2006	G13B	1.3L Petrol	33920-81AL	C/D	•	
Jimny	2000 - 2013	M13A	1.3L Petrol	33920-76JB	C/D	•	
Jimny	2000 - 2013	M13A	1.3L Petrol	33920-81AL	C/D	•	
Kizashi	2010 - 2013	J24B	2.4L Petrol	33980-57L0	C/D	•	
Liana	2001 - 2008	M13A	1.3L Petrol	33920-54G3	C/D	•	
Liana	2001 - 2008	M16A	1.6L Petrol	33920-54G3	C/D	•	
Liana	2001 - 2008	M16A	1.6L Petrol	33920-68JA	C/D	•	
Splash	2008 - 2011	D13A	1.3L Diesel	Magneti Marelli Multijet 6J0	C/D	•	•,F,P
Splash	2008 - 2011	Z13DTJ	1.3L Diesel	Magneti Marelli Multijet 6J0	C/D	•	•,F,P
Splash	2008 - 2013	K10B	1.0L Petrol	33920-51K0	C/D	•	
Splash	2008 - 2013	K10B	1.0L Petrol	33920-85L0	C/D	•	
Splash	2008 - 2013	K10B	1.0L Petrol	33920-85L1	C/D	•	
Splash	2008 - 2013	K10B	1.0L Petrol	33920-85L6	C/D	•	
Splash	2008 - 2013	K12B	1.2L Petrol	33920-51K0	C/D	•	
Splash	2008 - 2013	K12B	1.2L Petrol	33920-85L0	C/D	•	
Splash	2008 - 2013	K12B	1.2L Petrol	33920-85L1	C/D	•	
Splash	2008 - 2013	K12B	1.2L Petrol	33920-85L6	C/D	•	
Super Carry	2000 - 2006	G13B	1.3L Petrol	33920-76A0	C/D	•	
Super Carry	2000 - 2006	G13B	1.3L Petrol	33920-76A6	C/D	•	

SUZUKI							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Swift	2000 - 2004	G10	1.0L Petrol	14 53	C/D	•	
Swift	2000 - 2004	G10	1.0L Petrol	33920-68E4	C/D	•	
Swift	2000 - 2004	G13B	1.3L Petrol	14 53	C/D	•	
Swift	2000 - 2004	G13B	1.3L Petrol	33920-68E4	C/D	•	
Swift	2004 - 2011	M13A	1.3L Petrol	33920-62J0	C/D	•	
Swift	2004 - 2011	M13A	1.3L Petrol	33920-62J1	C/D	•	
Swift	2004 - 2011	M15A	1.5L Petrol	33920-62J3	C/D	•	
Swift	2004 - 2011	M15A	1.5L Petrol	33920-72K3	C/D	•	
Swift	2004 - 2011	Z13DT	1.3L Diesel	Magneti Marelli Multijet 6JF	C/D	•	
Swift	2006 - 2013	D13A	1.3L Diesel	33920-60P0	C/D	•	•,I,P,T
Swift	2006 - 2013	D13A	1.3L Diesel	33920-68L0	C/D	•	•,I,P,T
Swift	2006 - 2013	D13A	1.3L Diesel	Magneti Marelli Multijet 6J0	C/D	•	•,F,P
Swift	2006 - 2013	M16A	1.6L Petrol	33920-57K3	C/D	•	
Swift	2006 - 2013	M16A	1.6L Petrol	33920-57K7	C/D	•	
Swift	2006 - 2013	M16A	1.6L Petrol	33980-70L0	C/D	•	
Swift	2010 - 2013	K12B	1.2L Petrol	33980-69L0	C/D	•	
SX4	2006 - 2010	D19AA	1.9L Diesel	Engine (D19AA)	C/D	•	•,I,P
SX4	2006 - 2013	M15A	1.5L Petrol	33920-75K0	C/D	•	
SX4	2006 - 2013	M15A	1.5L Petrol	33920-79J1	C/D	•	
SX4	2006 - 2013	M15A	1.5L Petrol	33980-54L0	C/D	•	
SX4	2006 - 2013	M16A	1.6L Petrol	33920-75K0	C/D	•	
SX4	2006 - 2013	M16A	1.6L Petrol	33920-79J1	C/D	•	
SX4	2006 - 2013	M16A	1.6L Petrol	33980-54L0	C/D	•	
SX4	2007 - 2012	9HX	1.6L Diesel	Engine (9HX)	C/D	•	E,I,T
SX4	2009 - 2013	D20AA	2.0L Diesel	Engine (D20AA)	C/D	•	•,E,I,P
SX4 S-Cross	2013 - 2013	D16AA	1.6L Diesel	33920-62M0	C/D	•	
SX4 S-Cross	2013 - 2013	D16AA	1.6L Diesel	33980-61M0	C/D	•	
SX4 S-Cross	2013 - 2013	M16A	1.6L Petrol	33920-62M0	C/D	•	
SX4 S-Cross	2013 - 2013	M16A	1.6L Petrol	33980-61M0	C/D	•	
Wagon R+	2000 - 2000	K10A	1.0L Petrol	18 81	C/D	•	
Wagon R+	2000 - 2000	K12A	1.2L Petrol	18 81	C/D	•	
Wagon R+	2000 - 2008	G10	1.0L Petrol	33920-83E0	C/D	•	
Wagon R+	2000 - 2008	G13B	1.3L Petrol	33920-83E0	C/D	•	
Wagon R+	2003 - 2008	M13A	1.3L Petrol	33920-84E0	C/D	•	
Wagon R+	2005 - 2008	Z10XEP	1.0L Petrol	Motronic ME7.6.1	C/D	•	
Wagon R+	2005 - 2008	Z12XEP	1.2L Petrol	Motronic ME7.6.2	C/D	•	

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, H- Hydraulic or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



### Airbag

SUZUKI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Alto	2002 - 2007	38910-74G0	C/D		
Alto	2009 - 2013	38910-80J0	C/D		
Baleno	2000 - 2002	74 19	C/D		
Baleno	2000 - 2002	78 13	C/D		
Carry	2000 - 2006	38910-74G0	C/D		
Grand Vitara	2000 - 2013	38910-65J0	C/D		
Grand Vitara	2000 - 2013	38910-76G0	C/D		
Grand Vitara	2000 - 2013	78 13	C/D		
Ignis	2000 - 2009	38910-74G0	C/D		
Ignis	2000 - 2009	38910-86G0	C/D		
Jimny	2000 - 2006	79 52	C/D		
Jimny	2000 - 2013	38910-74G0	C/D		
Kizashi	2010 - 2013	38910-57L0	C/D		
Liana	2001 - 2008	38910-54G0	C/D		
Liana	2001 - 2008	38910-86G0	C/D		
Splash	2008 - 2013	38910-51K0	C/D		
Super Carry	2000 - 2006	38910-74G0	C/D		
Swift	2000 - 2004	74 19	C/D		
Swift	2004 - 2013	38910-59JA	C/D		
Swift	2004 - 2013	38910-68L0	C/D		
SX4	2006 - 2013	38910-80J0	C/D		
SX4 S-Cross	2013 - 2013	38910-61M0	C/D		
Wagon R+	2000 - 2000	78 9A	C/D		
Wagon R+	2000 - 2008	38910-83E0	C/D		
Wagon R+	2000 - 2008	38910-86G0	C/D		

### Antilock Brakes Continued

SUZUKI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Swift	2004 - 2013	56100-60PA	C/D		S
Swift	2004 - 2013	56100-64J0	C/D		
Swift	2004 - 2013	56100-65J0	C/D		S
Swift	2004 - 2013	56100-68LA	C/D		S
Swift	2004 - 2013	56100-72K0	C/D		S
Swift	2004 - 2013	56110-84E0	C/D		
SX4	2006 - 2013	56110-79J0	C/D		
SX4	2006 - 2013	56110-79JA	C/D		S
SX4 S-Cross	2013 - 2013	56100-61MA	C/D		S
Wagon R+	2000 - 2008	56110-84E0	C/D		

### Auto Transmission

SUZUKI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Alto	2009 - 2013	38880-68K0	C/D		
Alto	2009 - 2013	38880-71M0	C/D		
Baleno	2000 - 2002	34 98	C/D		
Grand Vitara	2000 - 2013	38880-54J0	C/D		
Grand Vitara	2000 - 2013	38880-65J1	C/D		
Grand Vitara	2000 - 2013	38880-78K0	C/D		
Grand Vitara	2000 - 2013	38880-83E0	C/D		
Ignis	2000 - 2009	38880-70H5	C/D		
Jimny	2000 - 2013	38 57	C/D		
Jimny	2000 - 2013	38880-76JA	C/D		
Kizashi	2010 - 2013	38880-54LA	C/D		
Liana	2001 - 2008	38880-70H5	C/D		
Splash	2008 - 2013	38880-85L0	C/D		
Swift	2004 - 2013	38880-63J0	C/D		
Swift	2004 - 2013	38880-69L0	C/D		
SX4	2006 - 2013	38880-79J0	C/D		
SX4 S-Cross	2013 - 2013	38880-61M0	C/D		
Wagon R+	2000 - 2000	38 57	C/D		
Wagon R+	2000 - 2008	38880-70H5	C/D		
Wagon R+	2000 - 2008	38880-83E0	C/D		

### Other

SUZUKI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Grand Vitara	2005 - 2013	38885-65J0	C/D		Four Wheel Drive
Grand Vitara	2005 - 2013	38885-78K0	C/D		Four Wheel Drive
Jimny	2000 - 2013	-	C		Four Wheel Drive
Kizashi	2010 - 2013	38885-57L0	C/D		Four Wheel Drive
SX4	2006 - 2013	38885-79J0	C/D		Four Wheel Drive

### Other Continued

SUZUKI						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Alto	2000 - 2002	33920-70FD	C/D			Powertrain
Alto	2002 - 2007	33920-79G3	C/D			Powertrain
Baleno	2000 - 2002	14 53	C/D			Powertrain
Baleno	2000 - 2002	19 43	C/D			Powertrain
Grand Vitara	2000 - 2006	19 01	C/D			Powertrain
Grand Vitara	2000 - 2006	19 02	C/D			Powertrain
Grand Vitara	2000 - 2006	33920-65J0	C/D			Powertrain
Grand Vitara	2000 - 2006	33920-67DG	C/D			Powertrain
Grand Vitara	2000 - 2006	33920-82D2	C/D			Powertrain
Swift	2000 - 2004	14 53	C/D			Powertrain
Swift	2000 - 2004	33920-68E4	C/D			Powertrain
Splash	2008 - 2011	Magneti Marelli Multijet 6J0				Service Interval Reset
Swift	2006 - 2013	33920-60P0				Service Interval Reset
Swift	2006 - 2013	33920-68L0				Service Interval Reset
Swift	2006 - 2013	Magneti Marelli Multijet 6J0				Service Interval Reset
SX4	2006 - 2010	Engine (D19AA)				Service Interval Reset
Grand Vitara	2005 - 2013	Bosch EDC16				Service Interval Reset
Grand Vitara	2005 - 2013	Bosch EDC16 C35				Service Interval Reset
SX4	2009 - 2013	Engine (D20AA)				Service Interval Reset
SX4 S-Cross	2013 - 2013	33920-62M0				Service Interval Reset
SX4 S-Cross	2013 - 2013	33920-62M0				Wheel Alignment
SX4 S-Cross	2013 - 2013	33980-61M0				Wheel Alignment
SX4	2006 - 2013	56110-79J0				Wheel Alignment
SX4	2006 - 2013	56110-79JA				Wheel Alignment
Kizashi	2010 - 2013	56100-57L0				Wheel Alignment
Grand Vitara	2005 - 2013	56100-52D0				Wheel Alignment
Grand Vitara	2005 - 2013	56100-64J0				Wheel Alignment
Grand Vitara	2005 - 2013	56100-65J0				Wheel Alignment
Grand Vitara	2005 - 2013	56100-78A0				Wheel Alignment
Grand Vitara	2005 - 2013	56100-78K0				Wheel Alignment
Alto	2009 - 2013	56100-68K5				Wheel Alignment
Alto	2009 - 2013	56110-51K0				Wheel Alignment
Splash	2008 - 2013	56100-52K0				Wheel Alignment
Splash	2008 - 2013	56100-86L0				Wheel Alignment
Splash	2008 - 2013	56110-51K0				Wheel Alignment
Swift	2004 - 2013	56100-60PA				Wheel Alignment
Swift	2004 - 2013	56100-64J0				Wheel Alignment
Swift	2004 - 2013	56100-65J0				Wheel Alignment
Swift	2004 - 2013	56100-68LA				Wheel Alignment
Swift	2004 - 2013	56100-72K0				Wheel Alignment
Swift	2004 - 2013	56110-84E0				Wheel Alignment
Alto	2002 - 2007	-				Code Scan
Alto	2009 - 2013	-				Code Scan
Baleno	2000 - 2002	-				Code Scan
Carry	2000 - 2006	-				Code Scan
Grand Vitara	2000 - 2013	-				Code Scan
Ignis	2000 - 2009	-				Code Scan
Jimny	2000 - 2013	-				Code Scan
Kizashi	2010 - 2013	-				Code Scan
Liana	2001 - 2008	-				Code Scan
Splash	2008 - 2013	-				Code Scan
Super Carry	2000 - 2006	-				Code Scan
Swift	2000 - 2013	-				Code Scan
SX4	2006 - 2013	-				Code Scan
SX4 S-Cross	2013 - 2013	-				Code Scan
Wagon R+	2000 - 2008	-				Code Scan

### Antilock Brakes

SUZUKI					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Alto	2002 - 2007	56100-74G0	C/D		
Alto	2009 - 2013	56100-68K5	C/D		S
Alto	2009 - 2013	56110-51K0	C/D		
Baleno	2000 - 2002	24 44	C/D		
Grand Vitara	2000 - 2013	24 44	C/D		
Grand Vitara	2000 - 2013	56100-52D0	C/D		
Grand Vitara	2000 - 2013	56100-64J0	C/D		
Grand Vitara	2000 - 2013	56100-65J0	C/D		S
Grand Vitara	2000 - 2013	56100-78A0	C/D		
Grand Vitara	2000 - 2013	56100-78K0	C/D		S
Ignis	2000 - 2009	56100-74G0	C/D		
Ignis	2000 - 2009	56110-84E0	C/D		
Jimny	2000 - 2013	56100-81A1	C/D		
Kizashi	2010 - 2013	56100-57L0	C/D		S
Liana	2001 - 2008	56100-74G0	C/D		
Liana	2001 - 2008	56110-84E0	C/D		
Splash	2008 - 2013	56100-52K0	C/D		S
Splash	2008 - 2013	56100-86L0	C/D		S
Splash	2008 - 2013	56110-51K0	C/D		

# Engine Management Applications

TOYOTA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Auris	2010 - 2012	1NR-FE	1.3L	-	C/D	•	
Auris	2013 - 2013	1NR-FE	1.3L	-	C/D	•	
Auris	2007 - 2009	4ZZ-FE	1.4L	-	C/D	•	
Auris	2007 - 2012	1ND-TV	1.4L D-4D	-	C/D	•	
Auris	2013 - 2013	1ND-TV	1.4L D-4D	-	C/D	•	•,I,P,R
Auris	2007 - 2012	1ZR-F	1.6L	-	C/D	•	
Auris	2013 - 2013	1ZR-FAE	1.6L	-	C/D	•	
Auris	2009 - 2012	2ZR-FAE	1.8L	-	C/D	•	
Auris	2007 - 2012	1AD-FTV	2.0L D-4D	-	C/D	•	
Auris	2013 - 2013	1AD-FTV	2.0L D-4D	-	C/D	•	•,I,P,R
Auris	2007 - 2012	2AD-FHV	2.2L D-4D	-	C/D	•	
Auris Hybrid	2010 - 2012	2ZR-FXE	1.8L	-	C/D	•	
Auris Hybrid	2013 - 2013	2ZR-FXE	1.8L	-	C/D	•	•
Avensis	1999 - 2000	4A-FE	1.6L	-	C/D	•	
Avensis	2001 - 2009	3ZZ-FE	1.6L	-	C/D	•	
Avensis	2009 - 2013	1ZR-FAE	1.6L	-	C/D	•	•
Avensis	2009 - 2013	1ZR-FAE	1.6L	-	C/D	•	•
Avensis	1999 - 2000	7A-FE	1.8L	-	C/D	•	
Avensis	2001 - 2009	1ZZ-FE	1.8L	-	C/D	•	
Avensis	2009 - 2013	2ZR-FAE	1.8L	-	C/D	•	•
Avensis	2009 - 2013	2ZR-FAE	1.8L	-	C/D	•	•
Avensis	2001 - 2002	1AZ-FSE	2.0L	-	C/D	•	
Avensis	2003 - 2006	1AZ-FE	2.0L	-	C/D	•	
Avensis	2009 - 2013	3ZR-F	2.0L	-	C/D	•	•
Avensis	2009 - 2013	3ZR-F	2.0L	-	C/D	•	•
Avensis	2001 - 2003	1CD-FTV	2.0L D-4D	-	C/D	•	
Avensis	2003 - 2006	1CD-FTV	2.0L D-4D	-	C/D	•	•,I
Avensis	2003 - 2009	1AD-FTV	2.0L D-4D	-	C/D	•	
Avensis	2009 - 2013	1AD-FTV	2.0L D-4D	-	C/D	•	•,I,P,R
Avensis	1999 - 2000	C-TE	2.0L TD	-	C/D	•	
Avensis	2006 - 2008	2AD-FHV	2.2L D-4D	-	C/D	•	
Avensis	2009 - 2013	2AD-F	2.2L D-4D	-	C/D	•	•,I,P,R
Avensis	2003 - 2005	2AZ-FSE	2.4L	-	C/D	•	
Avensis Verso	2000 - 2007	1AZ-FE	2.0L	-	C/D	•	
Avensis Verso	2001 - 2006	1CD-FTV	2.0L D-4D	-	C/D	•	
Aygo	2006 - 2012	1KR-FE	1.0L	-	C/D	•	
Aygo	2013 - 2013	1KR-FE	1.0L	-	C/D	•	
Aygo	2006 - 2011	2WZ-TV	1.4L D	-	C/D	•	
Camry	2004 - 2004	1AZ-FE	2.0L	-	C/D	•	
Camry	1999 - 2001	5S-FE	2.2L	-	C/D	•	
Camry	2002 - 2005	2AZ-FE	2.4L	-	C/D	•	
Camry	1999 - 2001	1MZ-FE	3.0L	-	C/D	•	
Camry	2002 - 2005	1MZ-FE	3.0L	-	C/D	•	
Celica	1999 - 2000	7A-FE	1.8L	-	C/D	•	
Celica	1999 - 2007	1ZZ-FE	1.8L	-	C/D	•	
Celica	1999 - 2007	2ZZ-GE	1.8L	-	C/D	•	
Celica	1999 - 2000	3S-GE	2.0L	-	C/D	•	
Corolla	1999 - 2001	4E-FE	1.3L	-	C/D	•	
Corolla	2010 - 2012	1NR-FE	1.3L	-	C/D	•	
Corolla	2013 - 2013	1NR-FE	1.3L	-	C/D	•	•
Corolla	2000 - 2001	4ZZ-FE	1.4L	-	C/D	•	
Corolla	2002 - 2007	4ZZ-FE	1.4L	-	C/D	•	
Corolla	2007 - 2009	4ZZ-FE	1.4L	-	C/D	•	
Corolla	2004 - 2007	1ND-TV	1.4L D-4D	-	C/D	•	•,I
Corolla	2007 - 2012	1ND-TV	1.4L D-4D	-	C/D	•	•,I,P,R
Corolla	2013 - 2013	1ND-TV	1.4L D-4D	-	C/D	•	
Corolla	1999 - 2001	4A-FE	1.6L	-	C/D	•	
Corolla	2000 - 2001	3ZZ-FE	1.6L	-	C/D	•	
Corolla	2002 - 2007	3ZZ-FE	1.6L	-	C/D	•	

TOYOTA							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Corolla	2007 - 2012	1ZR-FE	1.6L	-	C/D	•	
Corolla	2013 - 2013	1ZR-F	1.6L	-	C/D	•	•
Corolla	2001 - 2007	2ZZ-GE	1.8L	-	C/D	•	
Corolla	2008 - 2008	2ZR-FAE	1.8L	-	C/D	•	
Corolla	2001 - 2001	1CD-FTV	2.0L D-4D	-	C/D	•	
Corolla	2002 - 2007	1CD-FTV	2.0L D-4D	-	C/D	•	
Corolla	2007 - 2012	1AD-FTV	2.0L D-4D	-	C/D	•	
Corolla Verso	2000 - 2003	3ZZ	1.6L	-	C/D	•	
Corolla Verso	2004 - 2011	3ZZ-FE	1.6L	-	C/D	•	
Corolla Verso	2000 - 2003	1ZZ	1.8L	-	C/D	•	
Corolla Verso	2004 - 2011	1ZZ-FE	1.8L	-	C/D	•	
Corolla Verso	2004 - 2007	1CD-FTV	2.0L	-	C/D	•	
Corolla Verso	2000 - 2003	1CD-FTV	2.0L D-4D	-	C/D	•	
Corolla Verso	2004 - 2011	2AD-FHV	2.2L D-4D	-	C/D	•	•,I
GT86	2012 - 2013	FA20	2.0L	-	C/D	•	
Hiace	2001 - 2001	2L	2.4L D	-	C/D	•	
Hiace	2002 - 2012	2KD-FTV	2.5L D-4D	-	C/D	•	•,I
Hilux	2001 - 2001	2LT	2.4L TD	-	C/D	•	
Hilux	2002 - 2005	2KD-FTV	2.5L D-4D	-	C/D	•	
Hilux	2005 - 2013	2KD-FTV	2.5L D-4D	-	C/D	•	•,I,P,R
Hilux	2005 - 2011	1KD-FTV	3.0L D-4D	-	C/D	•	•,I
Hilux	2012 - 2013	1KD-FTV	3.0L D-4D	-	C/D	•	•,I,P,R
iQ	2009 - 2013	1KRFE	1.0L	-	C/D	•	
iQ	2012 - 2013	1NR-FE	1.3L	-	C/D	•	•
iQ	2012 - 2012	1ND-TV	1.4L D-4D	-	C/D	•	•,I,P,R
Land Cruiser	2001 - 2002	1KD-FTV	3.0L D-4D	-	C/D	•	
Land Cruiser	2003 - 2010	1KD-FTV	3.0L D-4D	-	C/D	•	•,I
Land Cruiser	2011 - 2013	1KD-FTV	3.0L D-4D	-	C/D	•	•,I,P,R
Land Cruiser	1999 - 2002	5VZ-FE	3.4L	-	C/D	•	
Land Cruiser	2000 - 2004	1GR-FE	4.0L	-	C/D	•	
Land Cruiser	2005 - 2009	1GR-FE	4.0L	-	C/D	•	
Land Cruiser	2001 - 2010	1HD-FTE	4.2L D-4D	-	C/D	•	
Land Cruiser	2010 - 2012	1VD-FTV	4.5L D-4D	-	C/D	•	
Land Cruiser	2013 - 2013	1VD-FTV	4.5L D-4D	-	C/D	•	•,I,P,R
Land Cruiser	2002 - 2009	2UZ-FE	4.7L	-	C/D	•	
Mr2	2000 - 2005	1ZZ-FE	1.8L	-	C/D	•	
Mr2	1999 - 2001	3S-GE	2.0L	-	C/D	•	
Paseo	1999 - 1999	5E-FE	1.5L	-	C/D	•	
Picnic	1999 - 2001	3S-FE	2.0L	-	C/D	•	
Picnic	2002 - 2002	1AZ-FE	2.0L	-	C/D	•	
Previa	2001 - 2007	1CD-FTV	2.0L D-4D	-	C/D	•	
Previa	1999 - 2000	2TZ-FE	2.4L	-	C/D	•	
Previa	2000 - 2007	2AZ-FE	2.4L	-	C/D	•	
Prius	1999 - 2003	1N2-FXE	1.5L	-	C/D	•	
Prius	2004 - 2010	1N2-FXE	1.5L	-	C/D	•	
Prius	2010 - 2013	1N2-FXE	1.5L	-	C/D	•	
Prius Plug-In	2013 - 2013	2ZR-FXE	1.8L	-	C/D	•	•
Prius+	2013 - 2013	2ZR-FXE	1.8L	-	C/D	•	•
Proace	2013 - 2013	3WZ-TV	1.6L D	-	C/D	•	
Proace	2013 - 2013	4WZ-FHV	2.0L D	-	C/D	•	
Proace	2013 - 2013	4WZ-FTV	2.0L D	-	C/D	•	
Rav4	2000 - 2005	1ZZ-FE	1.8L	-	C/D	•	
Rav4	1999 - 2001	3S-FE	2.0L	-	C/D	•	
Rav4	2000 - 2005	1AZ-FE	2.0L	-	C/D	•	
Rav4	2005 - 2010	1AZ-FE	2.0L	-	C/D	•	
Rav4	2013 - 2013	3ZR-FAE	2.0L	-	C/D	•	•
Rav4	2001 - 2005	1CD-FTV	2.0L D-4D	-	C/D	•	
Rav4	2013 - 2013	1AD-FTV	2.0L D-4D	-	C/D	•	•,I,P,R
Rav4	2005 - 2013	2AD-FTV	2.2L D-4D	-	C/D	•	•,I,P,R

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, JA- Jumper or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1/4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Engine Management Applications

TOYOTA								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
Rav4	2005 - 2010	2AZ-FE	2.4L	-	C/D	•		
Rav4	2013 - 2013	2AR-FE	2.5L	-	C/D	•	•	
Starlet	1999 - 1999	4E-FE	1.4L	-	C/D			
Tundra	2007 - 2009	3UR-FE	5.7L V8 MFI	-	C/D	•		
Urban Cruiser	2009 - 2013	1NR-FE	1.3L	-	C/D	•		
Urban Cruiser	2009 - 2013	1ND-TV	1.4L D-4D	-	C/D	•		
Verso	2011 - 2013	1ZR-FAE	1.6L	-	C/D	•		
Verso	2013 - 2013	2ZR-FAE	1.8L	-	C/D	•		
Verso	2010 - 2013	1AD-FTV	2.0L D-4D	-	C/D	•	•,I,P,R	
Verso	2013 - 2013	2AD-FHV	2.2L D-4D	-	C/D	•	•,I,P,R	
Verso S	2011 - 2013	1NR-FE	1.3L	-	C/D	•		
Verso S	2013 - 2013	1ND-TV	1.4L D-4D	-	C/D	•	•,I,P,R	
Yaris	1999 - 2006	1SZ-FE	1.0L	-	C/D	•		
Yaris	2006 - 2011	1KR-FE	1.0L	-	C/D	•		
Yaris	2011 - 2013	1KR-FE	1.0L	-	C/D	•		
Yaris	1999 - 2001	2NZ-FE	1.3L	-	C/D	•		
Yaris	2002 - 2006	2SZ-FE	1.3L	-	C/D	•		
Yaris	2006 - 2011	2SZ-FE	1.3L	-	C/D	•		
Yaris	2010 - 2011	1NR-FE	1.3L	-	C/D	•		
Yaris	2012 - 2013	1NR-FE	1.3L	-	C/D	•		
Yaris	2001 - 2006	1ND-TV	1.4L D-4D	-	C/D			
Yaris	2006 - 2011	1ND-TV	1.4L D-4D	-	C/D		•,I	
Yaris	2012 - 2013	1ND-TV	1.4L D-4D	-	C/D	•	•,I,P,R	
Yaris	1999 - 2006	1NZ-FE	1.5L	-	C/D	•		
Yaris Hybrid	2012 - 2013	1NZ-FXE	1.5L	-	C/D	•	•	
Yaris Verso	1999 - 2006	2NZ-FE	1.3L	-	C/D	•		
Yaris Verso	2001 - 2006	1ND-TV	1.4L D-4D	-	C/D	•		
Yaris Verso	1999 - 2006	1NZ-FE	1.5L	-	C/D	•		

## Airbag

TOYOTA								
Model	Years	System			Codes/ Data	Actuator Tests	Special Functions	
Auris	2007 - 2012	-			C/D			
Auris	2013 - 2013	-			C/D			
Auris Hybrid	2010 - 2012	-			C/D			
Auris Hybrid	2013 - 2013	-			C/D			
Avenis	1999 - 2003	-			C/D			
Avenis	2003 - 2009	-			C/D			
Avenis	2009 - 2013	-			C/D			
Avenis Verso	2000 - 2007	-			C/D			
Aygo	2006 - 2013	-			C/D			
Camry	1999 - 2005	-			C/D			
Celica	1999 - 2003	-			C/D			
Corolla	1999 - 2001	-			C/D			
Corolla	2002 - 2012	-			C/D			
Corolla	2013 - 2013	-			C/D			
Corolla Verso	2000 - 2011	-			C/D			
GT86	2012 - 2013	-			C/D			
Hiace	2001 - 2012	-			C/D			
Hilux	2001 - 2013	-			C/D			
iQ	2009 - 2013	-			C/D			
Land Cruiser	2001 - 2013	-			C/D			
Mr2	1999 - 2005	-			C/D			
Paseo	1999 - 1999	-			C/D			
Picnic	1999 - 2002	-			C/D			
Previa	1999 - 2007	-			C/D			
Prius	1999 - 2013	-			C/D			
Prius	2010 - 2013	-			C/D			
Prius	2013 - 2013	-			C/D			
Prius Plug-In	2013 - 2013	-			C/D			
Prius+	2013 - 2013	-			C/D			
Proace	2013 - 2013	-			C/D			
Rav4	1999 - 2010	-			C/D			
Rav4	2010 - 2013	-			C/D			
Starlet	1999 - 1999	-			C/D			
Tundra	2007 - 2009	-			C/D			
Urban Cruiser	2009 - 2013	-			C/D			
Verso	2010 - 2012	-			C/D			
Verso	2013 - 2013	-			C/D			
Verso S	2011 - 2013	-			C/D			
Yaris	1999 - 2006	-			C/D			
Yaris	2006 - 2011	-			C/D			
Yaris	2011 - 2013	-			C/D			
Yaris Hybrid	2012 - 2013	-			C/D			
Yaris Verso	1999 - 2006	-			C/D			

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, H: Hydraulic or Type Semi Auto, \* : Other (see table on page 263) Dark grey lines indicate new content at 1,4, 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Antilock Brakes

TOYOTA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Auris	2007 - 2013	-	C/D	•	
Auris Hybrid	2010 - 2013	-	C/D	•	
Avensis	1999 - 2003	-	C/D	•	
Avensis	2003 - 2009	-	C/D	•	
Avensis	2009 - 2013	-	C/D	•	
Avensis Verso	2000 - 2007	-	C/D	•	
Aygo	2006 - 2013	-	C/D	•	
Camry	1999 - 2003	-	C/D	•	
Celica	1999 - 2007	-	C/D	•	
Corolla	1999 - 2001	-	C/D	•	
Corolla	2002 - 2007	-	C/D	•	
Corolla	2007 - 2012	-	C/D	•	
Corolla	2013 - 2013	-	C/D	•	
Corolla Verso	2000 - 2011	-	C/D	•	
GT86	2012 - 2013	-	C/D	•	
Hiace	2001 - 2012	-	C/D	•	
Hilux	2001 - 2013	-	C/D	•	
iQ	2009 - 2013	-	C/D	•	
Land Cruiser	1999 - 2013	-	C/D	•	
Mr2	1999 - 2005	-	C/D	•	
Paseo	1999 - 1999	-	C/D	•	
Picnic	1999 - 2002	-	C/D	•	
Previa	1999 - 2007	-	C/D	•	
Prius	1999 - 2010	-	C/D	•	
Prius	2010 - 2013	-	C/D	•	
Prius Plug-In	2013 - 2013	-	C/D	•	
Prius+	2013 - 2013	-	C/D	•	
Proace	2013 - 2013	-	C/C/D	•	
Rav4	1999 - 2010	-	C/D	•	
Rav4	2010 - 2013	-	C/D	•	
Starlet	1999 - 1999	-	C/D	•	
Tundra	2007 - 2009	-	C/D	•	
Urban Cruiser	2009 - 2013	-	C/D	•	
Verso	2010 - 2013	-	C/D	•	
Verso S	2011 - 2013	-	C/D	•	
Yaris	1999 - 2006	-	C/D	•	
Yaris	2006 - 2011	-	C/D	•	
Yaris	2011 - 2013	-	C/D	•	
Yaris Hybrid	2012 - 2013	-	C/D	•	
Yaris Verso	1999 - 2006	-	C/D	•	

## Auto Transmission

TOYOTA					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
Auris	2013 - 2013	-	C/D	•	
Avensis	1999 - 2003	-	C/D	•	
Avensis	2003 - 2009	-	C/D	•	
Avensis	2009 - 2013	-	C/D	•	
Avensis Verso	2000 - 2007	-	C/D	•	
Aygo	2013 - 2013	-	C/D	•	
Camry	2000 - 2005	-	C/D	•	
Corolla	2000 - 2007	-	C/D	•	
Corolla	2013 - 2013	-	C/D	•	
Corolla Verso	2007 - 2007	-	C/D	•	
Land Cruiser	1999 - 2013	-	C/D	•	
Previa	2000 - 2007	-	C/D	•	
Rav4	2000 - 2010	-	C/D	•	
Rav4	2010 - 2013	-	C/D	•	
Tundra	2007 - 2009	-	C/D	•	
Verso	2013 - 2013	-	C/D	•	
Verso S	2011 - 2013	-	C/D	•	
Yaris	1999 - 2012	-	C/D	•	
Yaris Verso	1999 - 2006	-	C/D	•	

## Other

TOYOTA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Prius	2004 - 2010	-	C/D	•		Body Control Module
Tundra	2007 - 2009	-	C/D			Body Control Module
Auris	2007 - 2013	-	C/D		•	Electric Motor Power Steering
Auris Hybrid	2010 - 2013	-	C/D		•	Electric Motor Power Steering
Avensis	2009 - 2013	-	C/D		•	Electric Motor Power Steering
Aygo	2013 - 2013	-	C/D		•	Electric Motor Power Steering
Corolla	2007 - 2013	-	C/D		•	Electric Motor Power Steering
Corolla Verso	2009 - 2011	-	C/D		•	Electric Motor Power Steering
GT86	2012 - 2013	-	C/D		•	Electric Motor Power Steering
iQ	2009 - 2013	-	C/D		•	Electric Motor Power Steering
Prius	2006 - 2013	-	C/D		•	Electric Motor Power Steering
Prius Plug-In	2013 - 2013	-	C/D		•	Electric Motor Power Steering
Prius+	2013 - 2013	-	C/D		•	Electric Motor Power Steering
Rav4	2005 - 2013	-	C/D		•	Electric Motor Power Steering
Urban Cruiser	2009 - 2013	-	C/D		•	Electric Motor Power Steering
Verso	2010 - 2013	-	C/D		•	Electric Motor Power Steering
Verso S	2011 - 2013	-	C/D		•	Electric Motor Power Steering
Yaris	2006 - 2013	-	C/D		•	Electric Motor Power Steering
Yaris Hybrid	2012 - 2013	-	C/D		•	Electric Motor Power Steering
Avensis	2009 - 2013	-	C/D	•	•	Electric Parking Brake
Prius	2004 - 2010	-	C/D			Heating & Air Conditioning
Auris Hybrid	2010 - 2013	-	C/D			Hybrid Control
Prius	2004 - 2013	-	C/D			Hybrid Control
Auris	2007 - 2013	-	C/D	•		Main Body
Auris Hybrid	2011 - 2013	-	C/D	•		Main Body
Avensis	2009 - 2013	-	C/D	•		Main Body
Corolla	2007 - 2013	-	C/D	•		Main Body

## Other Continued

TOYOTA						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
Corolla Verso	2009 - 2011	-	C/D	•		Main Body
GT86	2013 - 2013	-	C/D	•		Main Body
iQ	2009 - 2013	-	C/D	•		Main Body
Land Cruiser	2009 - 2013	-	C/D	•		Main Body
Prius	2010 - 2013	-	C/D	•		Main Body
Prius Plug-In	2013 - 2013	-	C/D	•		Main Body
Prius+	2013 - 2013	-	C/D	•		Main Body
Rav4	2007 - 2013	-	C/D	•		Main Body
Urban Cruiser	2009 - 2013	-	C/D	•		Main Body
Verso	2010 - 2013	-	C/D	•		Main Body
Verso S	2011 - 2013	-	C/D	•		Main Body
Yaris	2008 - 2013	-	C/D	•		Main Body
Yaris Hybrid	2012 - 2013	-	C/D	•		Main Body
Tundra	2007 - 2009	-	C/D			Occupant Classification
Auris	2013 - 2013	-				Service Interval Reset
Avensis	2009 - 2013	-				Service Interval Reset
Corolla	2013 - 2013	-				Service Interval Reset
Hilux	2013 - 2013	-				Service Interval Reset
Land Cruiser	2013 - 2013	-				Service Interval Reset
Urban Cruiser	2013 - 2013	-				Service Interval Reset
Verso	2013 - 2013	-				Service Interval Reset
Verso S	2013 - 2013	-				Service Interval Reset
Yaris	2013 - 2013	-				Service Interval Reset

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242 Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- EGR, F- Flammable, I- Injector Coding, O- Oil reset for DPFE, P- Particulate Filter, R- Return, RR- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, H- Hydraulic or Type Sent Auto, \*- Other (see table on page 26) Dark grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

VOLVO							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
C30	2006 - 2007	6/7 VIN=72	2.0L L4 TD D4204T2	Siemens SID803	C/D	•	•,T,P
C30	2006 - 2008	6/7 VIN=68	2.5L L5 Turbo B5254T3	Motronic ME9	C/D	•	•,T
C30	2006 - 2010	6/7 VIN=08	1.8L L4 B4184S8	Visteon NL4	C/D	•	
C30	2006 - 2010	6/7 VIN=21	1.8L L4 B4184S11	Visteon NL4	C/D	•	
C30	2006 - 2010	6/7 VIN=66	2.4L L5 B5244S5	Denso	C/D	•	
C30	2006 - 2010	6/7 VIN=75	2.0L L4 TD D4204T	Siemens SID803	C/D	•	•,T,P
C30	2006 - 2010	6/7 VIN=77	2.4L L5 TD D5244T8	EDC 16C31	C/D	•	•,T,P
C30	2006 - 2010	6/7 VIN=78	2.4L L5 TD D5244T9	EDC 16C31	C/D	•	•,T,P
C30	2006 - 2011	6/7 VIN=38	2.4L L5 B5244S4	Denso	C/D	•	
C30	2006 - 2011	6/7 VIN=76	1.6L L4 TD D4164T	EDC 16C34	C/D	•	•,T,P
C30	2006 - 2013	6/7 VIN=20	1.6L L4 B4164S3	Siemens	C/D	•	
C30	2006 - 2013	6/7 VIN=43	2.0L L4 B4204S3	Visteon NL4	C/D	•	
C30	2007 - 2010	6/7 VIN=86	2.4L L5 TD D5244T13	EDC 16C31	C/D	•	•,T,P
C30	2007 - 2013	6/7 VIN=67	2.5L L5 Turbo B5254T7	Motronic ME9	C/D	•	•,T
C30	2010 - 2013	6/7 VIN=04	2.0L L4 B4204S4	Visteon NL4	C/D	•	
C30	2011 - 2013	6/7 VIN=50	2.0L L5 TD D5204T	EDC 16C31	C/D	•	•,T
C30	2011 - 2013	6/7 VIN=58	2.0L L5 TD D5204T5	EDC 16C31	C/D	•	•,T
C30	2011 - 2013	6/7 VIN=84	1.6L L4 TD D4162T	EDC 16C31	C/D	•	•,T,P
C70	2000 - 2002	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.0_1	C/D	•	•,T
C70	2000 - 2002	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.0_2	C/D	•	•,T
C70	2000 - 2002	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.0_3	C/D	•	•,T
C70	2000 - 2002	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.0_4	C/D	•	•,T
C70	2000 - 2002	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.01	C/D	•	•,T
C70	2000 - 2002	6/7 VIN=56	2.4L L5 Turbo B5244T	Bosch ME7.0_1	C/D	•	•,T
C70	2000 - 2002	6/7 VIN=56	2.4L L5 Turbo B5244T	Bosch ME7.0_2	C/D	•	•,T
C70	2000 - 2002	6/7 VIN=56	2.4L L5 Turbo B5244T	Bosch ME7.0_3	C/D	•	•,T
C70	2000 - 2002	6/7 VIN=56	2.4L L5 Turbo B5244T	Bosch ME7.0_4	C/D	•	•,T
C70	2000 - 2002	6/7 VIN=56	2.4L L5 Turbo B5244T	Bosch ME7.01	C/D	•	•,T
C70	2000 - 2005	6/7 VIN=48	2.0L L5 Turbo B5204T4	Bosch ME7.0_1	C/D	•	•,T
C70	2000 - 2005	6/7 VIN=48	2.0L L5 Turbo B5204T4	Bosch ME7.0_2	C/D	•	•,T
C70	2000 - 2005	6/7 VIN=48	2.0L L5 Turbo B5204T4	Bosch ME7.0_3	C/D	•	•,T
C70	2000 - 2005	6/7 VIN=48	2.0L L5 Turbo B5204T4	Bosch ME7.0_4	C/D	•	•,T
C70	2000 - 2005	6/7 VIN=48	2.0L L5 Turbo B5204T4	Bosch ME7.01	C/D	•	•,T
C70	2002 - 2005	6/7 VIN=62	2.3L L5 Turbo B5234T9	Bosch ME7.0_1	C/D	•	•,T
C70	2002 - 2005	6/7 VIN=62	2.3L L5 Turbo B5234T9	Bosch ME7.0_2	C/D	•	•,T
C70	2002 - 2005	6/7 VIN=62	2.3L L5 Turbo B5234T9	Bosch ME7.0_3	C/D	•	•,T
C70	2002 - 2005	6/7 VIN=62	2.3L L5 Turbo B5234T9	Bosch ME7.0_4	C/D	•	•,T
C70	2002 - 2005	6/7 VIN=62	2.3L L5 Turbo B5234T9	Bosch ME7.01	C/D	•	•,T
C70	2002 - 2005	6/7 VIN=63	2.4L L5 Turbo B5244T7	Bosch ME7.0_1	C/D	•	•,T
C70	2002 - 2005	6/7 VIN=63	2.4L L5 Turbo B5244T7	Bosch ME7.0_2	C/D	•	•,T
C70	2002 - 2005	6/7 VIN=63	2.4L L5 Turbo B5244T7	Bosch ME7.0_3	C/D	•	•,T
C70	2002 - 2005	6/7 VIN=63	2.4L L5 Turbo B5244T7	Bosch ME7.0_4	C/D	•	•,T
C70	2002 - 2005	6/7 VIN=63	2.4L L5 Turbo B5244T7	Bosch ME7.01	C/D	•	•,T
C70	2007 - 2007	6/7 VIN=68	2.5L L5 Turbo B5254T3	Motronic ME9	C/D	•	•,T
C70	2007 - 2010	6/7 VIN=38	2.4L L5 B5244S4	Denso	C/D	•	
C70	2007 - 2010	6/7 VIN=66	2.4L L5 B5244S5	Denso	C/D	•	
C70	2007 - 2010	6/7 VIN=75	2.0L L4 TD D4204T	Siemens SID803	C/D	•	•,T,P
C70	2007 - 2010	6/7 VIN=77	2.4L L5 TD D5244T8	EDC 16C31	C/D	•	•,T,P
C70	2007 - 2010	6/7 VIN=78	2.4L L5 TD D5244T9	EDC 16C31	C/D	•	•,T,P
C70	2007 - 2010	6/7 VIN=86	2.4L L5 TD D5244T13	EDC 16C31	C/D	•	•,T,P
C70	2007 - 2013	6/7 VIN=67	2.5L L5 Turbo B5254T7	Motronic ME9	C/D	•	•,T
C70	2011 - 2013	6/7 VIN=50	2.0L L5 TD D5204T	EDC 16C31	C/D	•	•,T
C70	2011 - 2013	6/7 VIN=58	2.0L L5 TD D5204T5	EDC 16C31	C/D	•	•,T
C70 (Generation2)	2006 - 2006	6/7 VIN=38	2.4L L5 B5244S4	Denso	C/D	•	
C70 (Generation2)	2006 - 2006	6/7 VIN=66	2.4L L5 B5244S5	Denso	C/D	•	
C70 (Generation2)	2006 - 2006	6/7 VIN=68	2.5L L5 Turbo B5254T3	Motronic ME9	C/D	•	•,T
C70 (Generation2)	2006 - 2006	6/7 VIN=75	2.0L L4 TD D4204T	Siemens SID803	C/D	•	•,T,P
C70 (Generation2)	2006 - 2006	6/7 VIN=77	2.4L L5 TD D5244T8	EDC 16C31	C/D	•	•,T,P

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Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
C70 (Generation2)	2006 - 2006	6/7 VIN=78	2.4L L5 TD D5244T9	EDC 16C31	C/D	•	•,T,P
S40	2000 - 2000	6/7 VIN=25	2.0L L4 Turbo B4204T2	EMS2000	C/D	•	
S40	2000 - 2003	6/7 VIN=10	1.6L L4 B4164S2	EMS2000	C/D	•	
S40	2000 - 2003	6/7 VIN=14	1.8L L4 B4184S2	EMS2000	C/D	•	
S40	2000 - 2003	6/7 VIN=15	1.8L L4 B4184S3	EMS2000	C/D	•	
S40	2000 - 2003	6/7 VIN=17	2.0L L4 B4204S2	EMS2000	C/D	•	
S40	2000 - 2003	6/7 VIN=26	1.8L L4 B4184S1	Melco	C/D	•	
S40	2000 - 2003	6/7 VIN=28	1.8L L4 B4184S10	EMS2000	C/D	•	
S40	2000 - 2003	6/7 VIN=30	1.8L L4 B4184S9	EMS2000	C/D	•	
S40	2000 - 2003	6/7 VIN=70	1.9L L4 TD D4192T3	EDC 15C	C/D	•	
S40	2000 - 2003	6/7 VIN=78	1.9L L4 TD D4192T4	EDC 15C	C/D	•	
S40	2001 - 2003	6/7 VIN=29	2.0L L4 Turbo B4204T3	EMS2000	C/D	•	
S40	2001 - 2003	6/7 VIN=37	2.0L L4 Turbo B4204T5	EMS2000	C/D	•	
S40	2005 - 2007	6/7 VIN=72	2.0L L4 TD D4204T2	Siemens SID803	C/D	•	•,T,P
S40	2005 - 2008	6/7 VIN=68	2.5L L5 Turbo B5254T3	Motronic ME9	C/D	•	•,T
S40	2005 - 2010	6/7 VIN=08	1.8L L4 B4184S8	Visteon NL4	C/D	•	
S40	2005 - 2010	6/7 VIN=21	1.8L L4 B4184S11	Visteon NL4	C/D	•	
S40	2005 - 2010	6/7 VIN=38	2.4L L5 B5244S4	Denso	C/D	•	
S40	2005 - 2010	6/7 VIN=66	2.4L L5 B5244S5	Denso	C/D	•	
S40	2005 - 2010	6/7 VIN=75	2.0L L4 TD D4204T	Siemens SID803	C/D	•	•,T,P
S40	2005 - 2011	6/7 VIN=76	1.6L L4 TD D4164T	EDC 16C34	C/D	•	•,T,P
S40	2005 - 2013	6/7 VIN=20	1.6L L4 B4164S3	Siemens	C/D	•	
S40	2006 - 2010	6/7 VIN=77	2.4L L5 TD D5244T8	EDC 16C31	C/D	•	•,T,P
S40	2006 - 2010	6/7 VIN=78	2.4L L5 TD D5244T9	EDC 16C31	C/D	•	•,T,P
S40	2006 - 2013	6/7 VIN=43	2.0L L4 B4204S3	Visteon NL4	C/D	•	
S40	2007 - 2010	6/7 VIN=86	2.4L L5 TD D5244T13	EDC 16C31	C/D	•	•,T,P
S40	2007 - 2013	6/7 VIN=67	2.5L L5 Turbo B5254T7	Motronic ME9	C/D	•	•,T
S40	2010 - 2013	6/7 VIN=04	2.0L L4 B4204S4	Visteon NL4	C/D	•	
S40	2011 - 2013	6/7 VIN=50	2.0L L5 TD D5204T	EDC 16C31	C/D	•	•,T
S40	2011 - 2013	6/7 VIN=58	2.0L L5 TD D5204T5	EDC 16C31	C/D	•	•,T
S40	2011 - 2013	6/7 VIN=84	1.6L L4 TD D4162T	EDC 16C31	C/D	•	•,T,P
S40 (Generation1)	2004 - 2004	6/7 VIN=10	1.6L L4 B4164S2	EMS2000	C/D	•	
S40 (Generation1)	2004 - 2004	6/7 VIN=14	1.8L L4 B4184S2	EMS2000	C/D	•	
S40 (Generation1)	2004 - 2004	6/7 VIN=15	1.8L L4 B4184S3	EMS2000	C/D	•	
S40 (Generation1)	2004 - 2004	6/7 VIN=17	2.0L L4 B4204S2	EMS2000	C/D	•	
S40 (Generation1)	2004 - 2004	6/7 VIN=26	1.8L L4 B4184S1	Melco	C/D	•	
S40 (Generation1)	2004 - 2004	6/7 VIN=28	1.8L L4 B4184S10	EMS2000	C/D	•	
S40 (Generation1)	2004 - 2004	6/7 VIN=29	2.0L L4 Turbo B4204T3	EMS2000	C/D	•	
S40 (Generation1)	2004 - 2004	6/7 VIN=30	1.8L L4 B4184S9	EMS2000	C/D	•	
S40 (Generation1)	2004 - 2004	6/7 VIN=37	2.0L L4 Turbo B4204T5	EMS2000	C/D	•	
S40 (Generation1)	2004 - 2004	6/7 VIN=70	1.9L L4 TD D4192T3	EDC 15C	C/D	•	
S40 (Generation1)	2004 - 2004	6/7 VIN=78	1.9L L4 TD D4192T4	EDC 15C	C/D	•	
S40 (Generation2)	2004 - 2004	6/7 VIN=20	1.6L L4 B4164S3	Siemens	C/D	•	
S40 (Generation2)	2004 - 2004	6/7 VIN=21	1.8L L4 B4184S11	Visteon NL4	C/D	•	
S40 (Generation2)	2004 - 2004	6/7 VIN=38	2.4L L5 B5244S4	Denso	C/D	•	
S40 (Generation2)	2004 - 2004	6/7 VIN=66	2.4L L5 B5244S5	Denso	C/D	•	
S40 (Generation2)	2004 - 2004	6/7 VIN=68	2.5L L5 Turbo B5254T3	Motronic ME9	C/D	•	
S40 (Generation2)	2004 - 2004	6/7 VIN=72	2.0L L4 TD D4204T2	Siemens SID803	C/D	•	•,T,P
S40 (Generation2)	2004 - 2004	6/7 VIN=75	2.0L L4 TD D4204T	Siemens SID803	C/D	•	•,T,P
S40 (Generation2)	2004 - 2004	6/7 VIN=76	1.6L L4 TD D4164T	EDC 16C34	C/D	•	•,T,P
S60	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.0_1	C/D	•	•,T
S60	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.0_2	C/D	•	•,T
S60	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.0_3	C/D	•	•,T
S60	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.0_4	C/D	•	•,T
S60	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.01	C/D	•	•,T
S60	2000 - 2004	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.0_1	C/D	•	•,T
S60	2000 - 2004	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.0_2	C/D	•	•,T
S60	2000 - 2004	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.0_3	C/D	•	•,T

# Engine Management Applications

VOLVO							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
S60	2000 - 2004	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.0_4	C/D	•	•,T
S60	2000 - 2004	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.01	C/D	•	•,T
S60	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_1	C/D	•	•,T
S60	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_2	C/D	•	•,T
S60	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_3	C/D	•	•,T
S60	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_4	C/D	•	•,T
S60	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.01	C/D	•	•,T
S60	2000 - 2010	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_1	C/D	•	•,T
S60	2000 - 2010	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_2	C/D	•	•,T
S60	2000 - 2010	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_3	C/D	•	•,T
S60	2000 - 2010	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_4	C/D	•	•,T
S60	2000 - 2010	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.01	C/D	•	•,T
S60	2000 - 2010	6/7 VIN=61	2.4L L5 B5244S	Denso	C/D	•	
S60	2000 - 2010	6/7 VIN=65	2.4L L5 B5244S2	Denso	C/D	•	
S60	2001 - 2006	6/7 VIN=32	2.4L L5 B5244SG	Denso	C/D	•	
S60	2001 - 2006	6/7 VIN=33	2.4L L5 B5244SG2	Denso	C/D	•	
S60	2001 - 2006	6/7 VIN=74	2.4L L5 TD D5244T2	EDC 15C11	C/D	•	
S60	2001 - 2006	6/7 VIN=79	2.4L L5 TD D5244T	EDC 15C11	C/D	•	
S60	2003 - 2005	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_1	C/D	•	•,T
S60	2003 - 2005	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_2	C/D	•	•,T
S60	2003 - 2005	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_3	C/D	•	•,T
S60	2003 - 2005	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_4	C/D	•	•,T
S60	2003 - 2005	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.01	C/D	•	•,T
S60	2003 - 2005	6/7 VIN=73	2.4L L5 TD D5244T3	EDC 15C11	C/D	•	
S60	2003 - 2007	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.0_1	C/D	•	•,T
S60	2003 - 2007	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.0_2	C/D	•	•,T
S60	2003 - 2007	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.0_3	C/D	•	•,T
S60	2003 - 2007	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.0_4	C/D	•	•,T
S60	2003 - 2007	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.01	C/D	•	•,T
S60	2003 - 2010	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.0_1	C/D	•	•,T
S60	2003 - 2010	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.0_2	C/D	•	•,T
S60	2003 - 2010	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.0_3	C/D	•	•,T
S60	2003 - 2010	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.0_4	C/D	•	•,T
S60	2003 - 2010	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.01	C/D	•	•,T
S60	2003 - 2010	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_1	C/D	•	•,T
S60	2003 - 2010	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_2	C/D	•	•,T
S60	2003 - 2010	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_3	C/D	•	•,T
S60	2003 - 2010	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_4	C/D	•	•,T
S60	2003 - 2010	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.01	C/D	•	•,T
S60	2005 - 2006	6/7 VIN=80	2.4L L5 TD D5244T6	EDC 16C31	C/D	•	•,T,P
S60	2005 - 2010	6/7 VIN=69	2.4L L5 TD D5244T5	EDC 16C31	C/D	•	•,T,P
S60	2005 - 2010	6/7 VIN=71	2.4L L5 TD D5244T4	EDC 16C31	C/D	•	•,T,P
S60	2005 - 2010	6/7 VIN=81	2.4L L5 TD D5244T7	EDC 16C31	C/D	•	•,T,P
S60	2006 - 2006	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_1	C/D	•	•,T
S60	2006 - 2006	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_2	C/D	•	•,T
S60	2006 - 2006	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_3	C/D	•	•,T
S60	2006 - 2006	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_4	C/D	•	•,T
S60	2006 - 2006	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.01	C/D	•	•,T
S60	2011 - 2011	6/7 VIN=44	2.0L L4 Turbo B4204T6	Visteon NL4	C/D	•	•,T
S60	2011 - 2011	6/7 VIN=52	2.0L L5 TD D5204T2	EDC 16C31	C/D	•	•,T,P
S60	2011 - 2011	6/7 VIN=70	2.4L L5 TD D5244T10	EDC 16C31	C/D	•	•,T,P
S60	2011 - 2013	6/7 VIN=45	1.6L L4 Turbo B4164T3	Visteon NL4	C/D	•	•,T
S60	2011 - 2013	6/7 VIN=47	2.0L L4 Turbo B4204T7	Visteon NL4	C/D	•	•,T
S60	2011 - 2013	6/7 VIN=48	1.6L L4 Turbo B4164T	Visteon NL4	C/D	•	•,T
S60	2011 - 2013	6/7 VIN=62	2.5L L5 Turbo B5254T5	Motronic ME9	C/D	•	•,T
S60	2011 - 2013	6/7 VIN=82	2.4L L5 TD D5244T15	EDC 16C31	C/D	•	•,T,P
S60	2011 - 2013	6/7 VIN=83	2.4L L5 TD D5244T11	EDC 16C31	C/D	•	•,T,P
S60	2011 - 2013	6/7 VIN=84	1.6L L4 TD D4162T	EDC 16C31	C/D	•	•,T,P

VOLVO							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
S60	2011 - 2013	6/7 VIN=90	3.0L L6 Turbo B6304T4	Denso	C/D	•	
S60	2012 - 2013	6/7 VIN=07	1.6L L4 Turbo B4164T2	Visteon NL4	C/D	•	•,T
S60	2012 - 2013	6/7 VIN=88	2.0L L5 TD D5204T3	EDC 16C31	C/D	•	•,T,P
S80	2000 - 2000	6/7 VIN=72	2.5L 5CYL TD = D5252T	MSA 15.8	C/D	•	
S80	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.0_1	C/D	•	•,T
S80	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.0_2	C/D	•	•,T
S80	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.0_3	C/D	•	•,T
S80	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.0_4	C/D	•	•,T
S80	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.01	C/D	•	•,T
S80	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_1	C/D	•	•,T
S80	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_2	C/D	•	•,T
S80	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_3	C/D	•	•,T
S80	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_4	C/D	•	•,T
S80	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.01	C/D	•	•,T
S80	2000 - 2005	6/7 VIN=32	2.4L L5 B5244SG	Denso	C/D	•	
S80	2000 - 2005	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_1	C/D	•	•,T
S80	2000 - 2005	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_2	C/D	•	•,T
S80	2000 - 2005	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_3	C/D	•	•,T
S80	2000 - 2005	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_4	C/D	•	•,T
S80	2000 - 2005	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.01	C/D	•	•,T
S80	2000 - 2005	6/7 VIN=61	2.4L L5 B5244S	Denso	C/D	•	
S80	2000 - 2005	6/7 VIN=65	2.4L L5 B5244S2	Denso	C/D	•	
S80	2000 - 2005	6/7 VIN=79	2.4L L5 TD D5244T	EDC 15C11	C/D	•	
S80	2001 - 2001	6/7 VIN=72	2.4L L5 TD D5252T	MSA 15.8	C/D	•	
S80	2001 - 2005	6/7 VIN=33	2.4L L5 B5244SG2	Denso	C/D	•	
S80	2001 - 2005	6/7 VIN=74	2.4L L5 TD D5244T2	EDC 15C11	C/D	•	
S80	2001 - 2005	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.0_1	C/D	•	•,T
S80	2001 - 2005	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.0_2	C/D	•	•,T
S80	2001 - 2005	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.0_3	C/D	•	•,T
S80	2001 - 2005	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.0_4	C/D	•	•,T
S80	2001 - 2005	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.01	C/D	•	•,T
S80	2001 - 2005	6/7 VIN=92	2.9L L6 B6294S2	Bosch ME7.0_1	C/D	•	•,T
S80	2001 - 2005	6/7 VIN=92	2.9L L6 B6294S2	Bosch ME7.0_2	C/D	•	•,T
S80	2001 - 2005	6/7 VIN=92	2.9L L6 B6294S2	Bosch ME7.0_3	C/D	•	•,T
S80	2001 - 2005	6/7 VIN=92	2.9L L6 B6294S2	Bosch ME7.0_4	C/D	•	•,T
S80	2001 - 2005	6/7 VIN=92	2.9L L6 B6294S2	Bosch ME7.01	C/D	•	•,T
S80	2003 - 2005	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_1	C/D	•	•,T
S80	2003 - 2005	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_2	C/D	•	•,T
S80	2003 - 2005	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_3	C/D	•	•,T
S80	2003 - 2005	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_4	C/D	•	•,T
S80	2003 - 2005	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_1	C/D	•	•,T
S80	2003 - 2005	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_2	C/D	•	•,T
S80	2003 - 2005	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_3	C/D	•	•,T
S80	2003 - 2005	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_4	C/D	•	•,T
S80	2003 - 2005	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.01	C/D	•	•,T
S80	2007 - 2009	6/7 VIN=69	2.4L L5 TD D5244T5	EDC 16C31	C/D	•	•,T,P
S80	2007 - 2009	6/7 VIN=71	2.4L L5 TD D5244T4	EDC 16C31	C/D	•	•,T,P
S80	2007 - 2010	6/7 VIN=56	2.5L L5 Turbo B5254T6	Motronic ME9	C/D	•	•,T
S80	2007 - 2010	6/7 VIN=98	3.2L L6 B6324S	Denso	C/D	•	
S80	2007 - 2010	6/7 VIN=99	3.0L L6 Turbo B6304T2	Denso	C/D	•	
S80	2007 - 2011	6/7 VIN=85	4.4L V8 B8444S	ECM 30774989_AA Denso	C/D	•	•
S80	2008 - 2010	6/7 VIN=75	2.0L L4 TD D4204T	Siemens SID803	C/D	•	
S80	2008 - 2011	6/7 VIN=04	2.0L L4 B4204S4	Visteon NL4	C/D	•	
S80	2008 - 2011	6/7 VIN=43	2.0L L4 B4204S3	Visteon NL4	C/D	•	
S80	2009 - 2011	6/7 VIN=02	2.5L L5 Turbo B5254T8	Motronic ME9	C/D	•	•,T
S80	2009 - 2011	6/7 VIN=70	2.4L L5 TD D5244T10	EDC 16C31	C/D	•	•,T,P
S80	2010 - 2010	6/7 VIN=53	2.4L L5 TD D5244T19	EDC 16C31	C/D	•	•,T,P
S80	2010 - 2010	6/7 VIN=72	2.4L L5 TD D5244T14	EDC 16C31	C/D	•	•,T,P

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- EGR, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Electronic Body Return, A- Air Type/urion or Type Semi Auto, •- Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

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 Key (or Special Functions): BB - Brake Bleed, BS - Brake Service, C - Crash Data, CF - Configuration, E - EGR, F - Flywheel, I - Injector Coding, O - Oil reset for DPPE, P - Particulate Filter, R - Return, RA - Reset Adaptations, S - Steering Angle Sensor, E - Electronic Body Return, RA - Type of Motor or Type Sent Auto, \* - Other (see table on page 26) Dark grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

VOLVO								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
S80	2010 - 2011	6/7 VIN=05	2.5L L5 Turbo B5254T11	Motronic ME9	C/D	•	*T	
S80	2010 - 2011	6/7 VIN=76	1.6L L4 TD D4164T	EDC 16C31	C/D	•	*T,P	
S80	2010 - 2013	6/7 VIN=44	2.0L L4 Turbo B4204T6	Visteon NL4	C/D	•	*T	
S80	2010 - 2013	6/7 VIN=60	2.5L L5 Turbo B5254T10	Motronic ME9	C/D	•	*T	
S80	2011 - 2011	6/7 VIN=52	2.0L L5 TD D5204T2	EDC 16C31	C/D	•	*T,P	
S80	2011 - 2013	6/7 VIN=47	2.0L L4 Turbo B4204T7	Visteon NL4	C/D	•	*T	
S80	2011 - 2013	6/7 VIN=48	1.6L L4 Turbo B4164T	Visteon NL4	C/D	•	*T	
S80	2011 - 2013	6/7 VIN=82	2.4L L5 TD D5244T15	EDC 16C31	C/D	•	*T,P	
S80	2011 - 2013	6/7 VIN=83	2.4L L5 TD D5244T11	EDC 16C31	C/D	•	*T,P	
S80	2011 - 2013	6/7 VIN=90	3.0L L6 Turbo B6304T4	Denso	C/D	•		
S80	2011 - 2013	6/7 VIN=95	3.2L L6 B6324S5	Denso	C/D	•		
S80	2012 - 2013	6/7 VIN=07	1.6L L4 Turbo B4164T2	Visteon NL4	C/D	•	*T	
S80	2012 - 2013	6/7 VIN=84	1.6L L4 TD D4162T	EDC 16C31	C/D	•	*T,P	
S80	2012 - 2013	6/7 VIN=88	2.0L L5 TD D5204T3	EDC 16C31	C/D	•	*T,P	
S80 (Generation1)	2006 - 2006	6/7 VIN=32	2.4L L5 B5244SG	Denso	C/D	•		
S80 (Generation1)	2006 - 2006	6/7 VIN=33	2.4L L5 B5244SG2	Denso	C/D	•		
S80 (Generation1)	2006 - 2006	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_1	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_2	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_3	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_4	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.01	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_1	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_2	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_3	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_4	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.01	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=61	2.4L L5 B5244S	Denso	C/D	•		
S80 (Generation1)	2006 - 2006	6/7 VIN=65	2.4L L5 B5244S2	Denso	C/D	•		
S80 (Generation1)	2006 - 2006	6/7 VIN=74	2.4L L5 TD D5244T2	EDC 15C11	C/D	•		
S80 (Generation1)	2006 - 2006	6/7 VIN=79	2.4L L5 TD D5244T	EDC 15C11	C/D	•		
S80 (Generation1)	2006 - 2006	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.0_1	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.0_2	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.0_3	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.0_4	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.01	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=92	2.9L L6 B6294S2	Bosch ME7.0_1	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=92	2.9L L6 B6294S2	Bosch ME7.0_2	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=92	2.9L L6 B6294S2	Bosch ME7.0_3	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=92	2.9L L6 B6294S2	Bosch ME7.0_4	C/D	•	*T	
S80 (Generation1)	2006 - 2006	6/7 VIN=92	2.9L L6 B6294S2	Bosch ME7.01	C/D	•	*T	
S80 (Generation2)	2006 - 2006	6/7 VIN=56	2.5L L5 Turbo B5254T6	Motronic ME9	C/D	•	*T	
S80 (Generation2)	2006 - 2006	6/7 VIN=69	2.4L L5 TD D5244T5	EDC 16C31	C/D	•	*T,P	
S80 (Generation2)	2006 - 2006	6/7 VIN=71	2.4L L5 TD D5244T4	EDC 16C31	C/D	•	*T,P	
S80 (Generation2)	2006 - 2006	6/7 VIN=85	4.4L V8 B8444S	ECM 30774989_AA Denso	C/D	•		
S80 (Generation2)	2006 - 2006	6/7 VIN=98	3.2L L6 B6324S	Denso	C/D	•		
S80 (Generation2)	2006 - 2006	6/7 VIN=99	3.0L L6 Turbo B6304T2	Denso	C/D	•		
V40	2000 - 2000	6/7 VIN=25	2.0L L4 Turbo B4204T2	EMS2000	C/D	•		
V40	2000 - 2004	6/7 VIN=10	1.6L L4 B4164S2	EMS2000	C/D	•		
V40	2000 - 2004	6/7 VIN=14	1.8L L4 B4184S2	EMS2000	C/D	•		
V40	2000 - 2004	6/7 VIN=15	1.8L L4 B4184S3	EMS2000	C/D	•		
V40	2000 - 2004	6/7 VIN=17	2.0L L4 B4204S2	EMS2000	C/D	•		
V40	2000 - 2004	6/7 VIN=26	1.8L L4 B4184S1	Melco	C/D	•		
V40	2000 - 2004	6/7 VIN=28	1.8L L4 B4184S10	EMS2000	C/D	•		
V40	2000 - 2004	6/7 VIN=30	1.8L L4 B4184S9	EMS2000	C/D	•		
V40	2000 - 2004	6/7 VIN=70	1.9L L4 TD D4192T3	EDC 15C	C/D	•		
V40	2000 - 2004	6/7 VIN=78	1.9L L4 TD D4192T4	EDC 15C	C/D	•		
V40	2001 - 2004	6/7 VIN=29	2.0L L4 Turbo B4204T3	EMS2000	C/D	•		
V40	2001 - 2004	6/7 VIN=37	2.0L L4 Turbo B4204T5	EMS2000	C/D	•		

VOLVO								
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions	
V40	2012 - 2013	6/7 VIN=45	1.6L L4 B4164T3	Visteon NL4	C/D	•	*T	
V40	2012 - 2013	6/7 VIN=48	1.6L L4 B4164T	Visteon NL4	C/D	•	*T	
V40	2012 - 2013	6/7 VIN=51	2.0L L5 TD D5204T6	EDC 16C31	C/D	•	*T,P	
V40	2012 - 2013	6/7 VIN=55	2.0L L5 TD D5204T4	EDC 16C31	C/D	•	*T,P	
V40	2012 - 2013	6/7 VIN=84	1.6L L4 TD D4162T	EDC 16C31	C/D	•	*T,P	
V40	2013 - 2013	6/7 VIN=20	1.6L L4 B4164T4	Visteon NL4	C/D	•	*T	
V50	2004 - 2007	6/7 VIN=72	2.0L L4 TD D4204T2	Siemens SID803	C/D	•	*T,P	
V50	2004 - 2008	6/7 VIN=68	2.5L L5 Turbo B5254T3	Motronic ME9	C/D	•	*T	
V50	2004 - 2010	6/7 VIN=21	1.8L L4 B4184S11	Visteon NL4	C/D	•		
V50	2004 - 2010	6/7 VIN=38	2.4L L5 B5244S4	Denso	C/D	•		
V50	2004 - 2010	6/7 VIN=66	2.4L L5 B5244S5	Denso	C/D	•		
V50	2004 - 2010	6/7 VIN=75	2.0L L4 TD D4204T	Siemens SID803	C/D	•	*T,P	
V50	2004 - 2011	6/7 VIN=76	1.6L L4 TD D4164T	EDC 16C34	C/D	•	*T,P	
V50	2004 - 2013	6/7 VIN=20	1.6L L4 B4164S3	Siemens	C/D	•		
V50	2005 - 2010	6/7 VIN=08	1.8L L4 B4184S8	Visteon NL4	C/D	•		
V50	2006 - 2010	6/7 VIN=77	2.4L L5 TD D5244T8	EDC 16C31	C/D	•	*T,P	
V50	2006 - 2010	6/7 VIN=78	2.4L L5 TD D5244T9	EDC 16C31	C/D	•	*T,P	
V50	2006 - 2013	6/7 VIN=43	2.0L L4 B4204S3	Visteon NL4	C/D	•		
V50	2007 - 2010	6/7 VIN=86	2.4L L5 TD D5244T13	EDC 16C31	C/D	•	*T,P	
V50	2007 - 2013	6/7 VIN=67	2.5L L5 Turbo B5254T7	Motronic ME9	C/D	•	*T	
V50	2010 - 2013	6/7 VIN=04	2.0L L4 B4204S4	Visteon NL4	C/D	•		
V50	2011 - 2013	6/7 VIN=50	2.0L L5 TD D5204T	EDC 16C31	C/D	•	*T	
V50	2011 - 2013	6/7 VIN=58	2.0L L5 TD D5204T5	EDC 16C31	C/D	•	*T	
V50	2011 - 2013	6/7 VIN=84	1.6L L4 TD D4162T	EDC 16C31	C/D	•	*T,P	
V60	2011 - 2011	6/7 VIN=44	2.0L L4 Turbo B4204T6	Visteon NL4	C/D	•	*T	
V60	2011 - 2011	6/7 VIN=52	2.0L L5 TD D5204T2	EDC 16C31	C/D	•	*T,P	
V60	2011 - 2011	6/7 VIN=70	2.4L L5 TD D5244T10	EDC 16C31	C/D	•	*T,P	
V60	2011 - 2013	6/7 VIN=45	1.6L L4 Turbo B4164T3	Visteon NL4	C/D	•	*T	
V60	2011 - 2013	6/7 VIN=47	2.0L L4 Turbo B4204T7	Visteon NL4	C/D	•	*T	
V60	2011 - 2013	6/7 VIN=48	1.6L L4 Turbo B4164T	Visteon NL4	C/D	•	*T	
V60	2011 - 2013	6/7 VIN=82	2.4L L5 TD D5244T15	EDC 16C31	C/D	•	*T,P	
V60	2011 - 2013	6/7 VIN=83	2.4L L5 TD D5244T11	EDC 16C31	C/D	•	*T,P	
V60	2011 - 2013	6/7 VIN=84	1.6L L4 TD D4162T	EDC 16C31	C/D	•	*T,P	
V60	2011 - 2013	6/7 VIN=90	3.0L L6 Turbo B6304T4	Denso	C/D	•		
V60	2012 - 2013	6/7 VIN=07	1.6L L4 Turbo B4164T2	Visteon NL4	C/D	•	*T	
V60	2012 - 2013	6/7 VIN=87	2.4L L5 TD D5244T17	EDC 16C31	C/D	•	*T,P	
V60	2012 - 2013	6/7 VIN=88	2.0L L5 TD D5204T3	EDC 16C31	C/D	•	*T,P	
V70	2000 - 2001	6/7 VIN=72	2.4L L5 TD D5252T	MSA 15.8	C/D	•		
V70	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.0_1	C/D	•	*T	
V70	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.0_2	C/D	•	*T	
V70	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.0_3	C/D	•	*T	
V70	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.0_4	C/D	•	*T	
V70	2000 - 2003	6/7 VIN=58	2.4L L5 Turbo B5244T3	Bosch ME7.01	C/D	•	*T	
V70	2000 - 2004	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.0_1	C/D	•	*T	
V70	2000 - 2004	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.0_2	C/D	•	*T	
V70	2000 - 2004	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.0_3	C/D	•	*T	
V70	2000 - 2004	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.0_4	C/D	•	*T	
V70	2000 - 2004	6/7 VIN=53	2.3L L5 Turbo B5234T3	Bosch ME7.01	C/D	•	*T	
V70	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_1	C/D	•	*T	
V70	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_2	C/D	•	*T	
V70	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_3	C/D	•	*T	
V70	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_4	C/D	•	*T	
V70	2000 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.01	C/D	•	*T	
V70	2000 - 2006	6/7 VIN=32	2.4L L5 B5244SG	Denso	C/D	•		
V70	2000 - 2006	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_1	C/D	•	*T	
V70	2000 - 2006	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_2	C/D	•	*T	
V70	2000 - 2006	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_3	C/D	•	*T	



# Engine Management Applications

VOLVO							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
V70	2000 - 2006	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_4	C/D	•	•,T
V70	2000 - 2006	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.01	C/D	•	•,T
V70	2000 - 2006	6/7 VIN=61	2.4L L5 B5244S	Denso	C/D	•	
V70	2000 - 2006	6/7 VIN=65	2.4L L5 B5244S2	Denso	C/D	•	
V70	2001 - 2006	6/7 VIN=33	2.4L L5 B5244SG2	Denso	C/D	•	
V70	2001 - 2006	6/7 VIN=74	2.4L L5 TD D5244T2	EDC 15C11	C/D	•	
V70	2001 - 2006	6/7 VIN=79	2.4L L5 TD D5244T	EDC 15C11	C/D	•	
V70	2003 - 2005	6/7 VIN=73	2.4L L5 TD D5244T3	EDC 15C11	C/D	•	
V70	2003 - 2006	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.0_1	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.0_2	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.0_3	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.0_4	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.01	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.0_1	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.0_2	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.0_3	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.0_4	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.01	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_1	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_2	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_3	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.0_4	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=55	2.4L L5 Turbo B5244T4	Bosch ME7.01	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_1	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_2	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_3	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_4	C/D	•	•,T
V70	2003 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.01	C/D	•	•,T
V70	2005 - 2006	6/7 VIN=80	2.4L L5 TD D5244T6	EDC 16C31	C/D	•	•,T,P
V70	2005 - 2006	6/7 VIN=81	2.4L L5 TD D5244T7	EDC 16C31	C/D	•	•,T,P
V70	2005 - 2009	6/7 VIN=69	2.4L L5 TD D5244T5	EDC 16C31	C/D	•	•,T,P
V70	2005 - 2009	6/7 VIN=71	2.4L L5 TD D5244T4	EDC 16C31	C/D	•	•,T,P
V70	2008 - 2010	6/7 VIN=56	2.5L L5 Turbo B5254T6	Motronic ME9	C/D	•	•,T
V70	2008 - 2010	6/7 VIN=75	2.0L L4 TD D4204T	Siemens SID803	C/D	•	
V70	2008 - 2010	6/7 VIN=98	3.2L L6 B6324S	Denso	C/D	•	
V70	2008 - 2010	6/7 VIN=99	3.0L L6 Turbo B6304T2	Denso	C/D	•	
V70	2008 - 2011	6/7 VIN=04	2.0L L4 B4204S4	Visteon NL4	C/D	•	
V70	2008 - 2011	6/7 VIN=43	2.0L L4 B4204S3	Visteon NL4	C/D	•	
V70	2009 - 2009	6/7 VIN=02	2.5L L5 Turbo B5254T8	Motronic ME9	C/D	•	•,T
V70	2009 - 2011	6/7 VIN=70	2.4L L5 TD D5244T10	EDC 16C31	C/D	•	•,T,P
V70	2010 - 2010	6/7 VIN=53	2.4L L5 TD D5244T19	EDC 16C31	C/D	•	•,T,P
V70	2010 - 2010	6/7 VIN=72	2.4L L5 TD D5244T14	EDC 16C31	C/D	•	•,T,P
V70	2010 - 2011	6/7 VIN=05	2.5L L5 Turbo B5254T11	Motronic ME9	C/D	•	•,T
V70	2010 - 2011	6/7 VIN=44	2.0L L4 Turbo B4204T6	Visteon NL4	C/D	•	•,T
V70	2010 - 2011	6/7 VIN=76	1.6L L4 TD D4164T	EDC 16C31	C/D	•	•,T,P
V70	2010 - 2013	6/7 VIN=60	2.5L L5 Turbo B5254T10	Motronic ME9	C/D	•	•,T
V70	2010 - 2013	6/7 VIN=84	1.6L L4 TD D4162T	EDC 16C31	C/D	•	•,T,P
V70	2011 - 2011	6/7 VIN=52	2.0L L5 TD D5204T2	EDC 16C31	C/D	•	•,T,P
V70	2011 - 2013	6/7 VIN=47	2.0L L4 Turbo B4204T7	Visteon NL4	C/D	•	•,T
V70	2011 - 2013	6/7 VIN=48	1.6L L4 Turbo B4164T	Visteon NL4	C/D	•	•,T
V70	2011 - 2013	6/7 VIN=82	2.4L L5 TD D5244T15	EDC 16C31	C/D	•	•,T,P
V70	2011 - 2013	6/7 VIN=83	2.4L L5 TD D5244T11	EDC 16C31	C/D	•	•,T,P
V70	2011 - 2013	6/7 VIN=90	3.0L L6 Turbo B6304T4	Denso	C/D	•	
V70	2011 - 2013	6/7 VIN=95	3.2L L6 B6324S5	Denso	C/D	•	
V70	2012 - 2013	6/7 VIN=07	1.6L L4 Turbo B4164T2	Visteon NL4	C/D	•	•,T
V70	2012 - 2013	6/7 VIN=87	2.4L L5 TD D5244T17	EDC 16C31	C/D	•	•,T,P
V70	2012 - 2013	6/7 VIN=88	2.0L L5 TD D5204T3	EDC 16C31	C/D	•	•,T,P
V70 (Generation1)	2007 - 2007	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_1	C/D	•	•,T

VOLVO							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
V70 (Generation1)	2007 - 2007	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_2	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_3	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.0_4	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=49	2.0L L5 Turbo B5204T5	Bosch ME7.01	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.0_1	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.0_2	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.0_3	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.0_4	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=52	2.5L L5 Turbo B5254T4	Bosch ME7.01	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.0_1	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.0_2	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.0_3	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.0_4	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=54	2.4L L5 Turbo B5244T5	Bosch ME7.01	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_1	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_2	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_3	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_4	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.01	C/D	•	•,T
V70 (Generation1)	2007 - 2007	6/7 VIN=61	2.4L L5 B5244S	Denso	C/D	•	
V70 (Generation1)	2007 - 2007	6/7 VIN=65	2.4L L5 B5244S2	Denso	C/D	•	
V70 (Generation1)	2007 - 2007	6/7 VIN=69	2.4L L5 TD D5244T5	EDC 16C31	C/D	•	•,T,P
V70 (Generation1)	2007 - 2007	6/7 VIN=71	2.4L L5 TD D5244T4	EDC 16C31	C/D	•	•,T,P
V70 (Generation1)	2007 - 2007	6/7 VIN=81	2.4L L5 TD D5244T7	EDC 16C31	C/D	•	•,T,P
V70 (Generation2)	2007 - 2007	6/7 VIN=56	2.5L L5 Turbo B5254T6	Motronic ME9	C/D	•	•,T
V70 (Generation2)	2007 - 2007	6/7 VIN=69	2.4L L5 TD D5244T5	EDC 16C31	C/D	•	•,T,P
V70 (Generation2)	2007 - 2007	6/7 VIN=71	2.4L L5 TD D5244T4	EDC 16C31	C/D	•	•,T,P
V70 (Generation2)	2007 - 2007	6/7 VIN=75	2.0L L4 TD D4204T	Siemens SID803	C/D	•	
V70 (Generation2)	2007 - 2007	6/7 VIN=98	3.2L L6 B6324S	Denso	C/D	•	
V70 (Generation2)	2007 - 2007	6/7 VIN=99	3.0L L6 Turbo B6304T2	Denso	C/D	•	
XC60	2009 - 2009	6/7 VIN=69	2.4L L5 TD D5244T5	EDC 16C31	C/D	•	•,T,P
XC60	2009 - 2009	6/7 VIN=71	2.4L L5 TD D5244T4	EDC 16C31	C/D	•	•,T,P
XC60	2009 - 2010	6/7 VIN=98	3.2L L6 B6324S	Denso	C/D	•	
XC60	2009 - 2010	6/7 VIN=99	3.0L L6 Turbo B6304T2	Denso	C/D	•	
XC60	2010 - 2010	6/7 VIN=53	2.4L L5 TD D5244T19	EDC 16C31	C/D	•	•,T,P
XC60	2010 - 2010	6/7 VIN=72	2.4L L5 TD D5244T14	EDC 16C31	C/D	•	•,T,P
XC60	2010 - 2011	6/7 VIN=70	2.4L L5 TD D5244T10	EDC 16C31	C/D	•	•,T,P
XC60	2010 - 2013	6/7 VIN=44	2.0L L4 Turbo B4204T6	Visteon NL4	C/D	•	•,T
XC60	2011 - 2011	6/7 VIN=52	2.0L L5 TD D5204T2	EDC 16C31	C/D	•	•,T,P
XC60	2011 - 2011	6/7 VIN=80	2.4L L5 TD D5244T16	EDC 16C31	C/D	•	•,T,P
XC60	2011 - 2013	6/7 VIN=47	2.0L L4 Turbo B4204T7	Visteon NL4	C/D	•	•,T
XC60	2011 - 2013	6/7 VIN=82	2.4L L5 TD D5244T15	EDC 16C31	C/D	•	•,T,P
XC60	2011 - 2013	6/7 VIN=83	2.4L L5 TD D5244T11	EDC 16C31	C/D	•	•,T,P
XC60	2011 - 2013	6/7 VIN=90	3.0L L6 Turbo B6304T4	Denso	C/D	•	
XC60	2011 - 2013	6/7 VIN=95	3.2L L6 B6324S5	Denso	C/D	•	
XC60	2012 - 2013	6/7 VIN=87	2.4L L5 TD D5244T17	EDC 16C31	C/D	•	•,T,P
XC60	2012 - 2013	6/7 VIN=88	2.0L L5 TD D5204T3	EDC 16C31	C/D	•	•,T,P
XC70	2002 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_1	C/D	•	•,T
XC70	2002 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_2	C/D	•	•,T
XC70	2002 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_3	C/D	•	•,T
XC70	2002 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.0_4	C/D	•	•,T
XC70	2002 - 2004	6/7 VIN=57	2.3L L5 Turbo B5234T7	Bosch ME7.01	C/D	•	•,T
XC70	2002 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_1	C/D	•	•,T
XC70	2002 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_2	C/D	•	•,T
XC70	2002 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_3	C/D	•	•,T
XC70	2002 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_4	C/D	•	•,T
XC70	2002 - 2006	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.01	C/D	•	•,T
XC70	2002 - 2006	6/7 VIN=79	2.4L L5 TD D5244T	EDC 15C11	C/D	•	

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- EGR, F- Flywheel, I- Injector Coding, O- Oil reset for DPPE, P- Particulate Filter, R- Return, RK- Reset Adaptations, S- Steering Angle Sensor, F- Frontal Body Repair, H- Hydraulic or Type Semi Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

VOLVO								
Model	Years	Engine Code	Engine Info	System	Codes / Data	Actuator Tests	Special Functions	
XC70	2004 - 2006	6/7 VIN=60	2.4L L5 Turbo B5244T2	Bosch ME7.0_1	C/D	•	•,T	
XC70	2004 - 2006	6/7 VIN=60	2.4L L5 Turbo B5244T2	Bosch ME7.0_2	C/D	•	•,T	
XC70	2004 - 2006	6/7 VIN=60	2.4L L5 Turbo B5244T2	Bosch ME7.0_3	C/D	•	•,T	
XC70	2004 - 2006	6/7 VIN=60	2.4L L5 Turbo B5244T2	Bosch ME7.0_4	C/D	•	•,T	
XC70	2004 - 2006	6/7 VIN=60	2.4L L5 Turbo B5244T2	Bosch ME7.01	C/D	•	•,T	
XC70	2005 - 2009	6/7 VIN=71	2.4L L5 TD D5244T4	EDC 16C31	C/D	•	•,T,P	
XC70	2008 - 2009	6/7 VIN=69	2.4L L5 TD D5244T5	EDC 16C31	C/D	•	•,T,P	
XC70	2008 - 2010	6/7 VIN=98	3.2L L6 B6324S	Denso	C/D	•		
XC70	2009 - 2010	6/7 VIN=99	3.0L L6 Turbo B6304T2	Denso	C/D	•		
XC70	2010 - 2010	6/7 VIN=53	2.4L L5 TD D5244T19	EDC 16C31	C/D	•	•,T,P	
XC70	2010 - 2010	6/7 VIN=72	2.4L L5 TD D5244T14	EDC 16C31	C/D	•	•,T,P	
XC70	2010 - 2011	6/7 VIN=70	2.4L L5 TD D5244T10	EDC 16C31	C/D	•	•,T,P	
XC70	2011 - 2011	6/7 VIN=52	2.0L L5 TD D5204T2	EDC 16C31	C/D	•	•,T,P	
XC70	2011 - 2011	6/7 VIN=80	2.4L L5 TD D5244T16	EDC 16C31	C/D	•	•,T,P	
XC70	2011 - 2013	6/7 VIN=82	2.4L L5 TD D5244T15	EDC 16C31	C/D	•	•,T,P	
XC70	2011 - 2013	6/7 VIN=83	2.4L L5 TD D5244T11	EDC 16C31	C/D	•	•,T,P	
XC70	2011 - 2013	6/7 VIN=90	3.0L L6 Turbo B6304T4	Denso	C/D	•		
XC70	2011 - 2013	6/7 VIN=95	3.2L L6 B6324S5	Denso	C/D	•		
XC70	2012 - 2013	6/7 VIN=87	2.4L L5 TD D5244T17	EDC 16C31	C/D	•	•,T,P	
XC70	2012 - 2013	6/7 VIN=88	2.0L L5 TD D5204T3	EDC 16C31	C/D	•	•,T,P	
XC70 (Generation1)	2007 - 2007	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_1	C/D	•	•,T	
XC70 (Generation1)	2007 - 2007	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_2	C/D	•	•,T	
XC70 (Generation1)	2007 - 2007	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_3	C/D	•	•,T	
XC70 (Generation1)	2007 - 2007	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_4	C/D	•	•,T	
XC70 (Generation1)	2007 - 2007	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.01	C/D	•	•,T	
XC70 (Generation1)	2007 - 2007	6/7 VIN=71	2.4L L5 TD D5244T4	EDC 16C31	C/D	•	•,T,P	
XC70 (Generation2)	2007 - 2007	6/7 VIN=71	2.4L L5 TD D5244T4	EDC 16C31	C/D	•	•,T,P	
XC70 (Generation2)	2007 - 2007	6/7 VIN=98	3.2L L6 B6324S	Denso	C/D	•		
XC90	2002 - 2006	6/7 VIN=79	2.4L L5 TD D5244T	EDC 15C11	C/D	•		
XC90	2002 - 2006	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.0_1	C/D	•	•,T	
XC90	2002 - 2006	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.0_2	C/D	•	•,T	
XC90	2002 - 2006	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.0_3	C/D	•	•,T	
XC90	2002 - 2006	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.0_4	C/D	•	•,T	
XC90	2002 - 2006	6/7 VIN=91	2.9L L6 Turbo B6294T	Bosch ME7.01	C/D	•	•,T	
XC90	2002 - 2013	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_1	C/D	•	•,T	
XC90	2002 - 2013	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_2	C/D	•	•,T	
XC90	2002 - 2013	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_3	C/D	•	•,T	
XC90	2002 - 2013	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.0_4	C/D	•	•,T	
XC90	2002 - 2013	6/7 VIN=59	2.5L L5 Turbo B5254T2	Bosch ME7.01	C/D	•	•,T	
XC90	2005 - 2011	6/7 VIN=85	4.4L V8 B8444S	ECM 30670321_AA Denso	C/D	•	•	
XC90	2005 - 2013	6/7 VIN=69	2.4L L5 TD D5244T5	EDC 16C31	C/D	•	•,T,P	
XC90	2005 - 2013	6/7 VIN=71	2.4L L5 TD D5244T4	EDC 16C31	C/D	•	•,T,P	
XC90	2007 - 2011	6/7 VIN=98	3.2L L6 B6324S	ECM 30788965_AA Denso	C/D	•	•	
XC90	2007 - 2011	6/7 VIN=98	3.2L L6 B6324S	ECM 31286525_AF Denso	C/D	•	•	
XC90	2011 - 2013	6/7 VIN=30	2.4L L5 TD D5244T18	EDC 16C31	C/D	•	•,T,P	
XC90	2012 - 2013	6/7 VIN=95	3.2L L6 B6324S5	ECM 30788965_AA Denso	C/D	•	•	
XC90	2012 - 2013	6/7 VIN=95	3.2L L6 B6324S5	ECM 31286525_AF Denso	C/D	•	•	

# Airbag

VOLVO								
Model	Years	System		Codes / Data	Actuator Tests	Special Functions		
C30	2006 - 2013	SRS		C/D				
C70	2000 - 2013	SRS		C/D				
C70 (Generation2)	2006 - 2006	SRS		C/D				
S40	2000 - 2013	SRS		C/D				
S40 (Generation1)	2004 - 2004	SRS		C/D				
S40 (Generation2)	2004 - 2004	SRS		C/D				
S60	2000 - 2010	SRS_1		C/D				
S60	2000 - 2010	SRS_2		C/D				
S60	2000 - 2010	SRS_3		C/D				
S60	2000 - 2013	SRS		C/D				
S80	2000 - 2005	SRS_1		C/D				
S80	2000 - 2005	SRS_2		C/D				
S80	2000 - 2005	SRS_3		C/D				
S80	2000 - 2013	SRS		C/D				
S80 (Generation1)	2006 - 2006	SRS		C/D				
S80 (Generation1)	2006 - 2006	SRS_1		C/D				
S80 (Generation1)	2006 - 2006	SRS_2		C/D				
S80 (Generation1)	2006 - 2006	SRS_3		C/D				
S80 (Generation2)	2006 - 2006	SRS		C/D				
V40	2000 - 2013	SRS		C/D				
V50	2004 - 2013	SRS		C/D				
V60	2011 - 2013	SRS		C/D				
V70	2000 - 2006	SRS_1		C/D				
V70	2000 - 2006	SRS_2		C/D				
V70	2000 - 2006	SRS_3		C/D				
V70	2000 - 2013	SRS		C/D				
V70 (Generation1)	2007 - 2007	SRS		C/D				
V70 (Generation1)	2007 - 2007	SRS_1		C/D				
V70 (Generation1)	2007 - 2007	SRS_2		C/D				
V70 (Generation1)	2007 - 2007	SRS_3		C/D				
V70 (Generation2)	2007 - 2007	SRS		C/D				
XC60	2009 - 2013	SRS		C/D				
XC70	2002 - 2006	SRS_1		C/D				
XC70	2002 - 2006	SRS_2		C/D				
XC70	2002 - 2006	SRS_3		C/D				
XC70	2002 - 2013	SRS		C/D				
XC70 (Generation1)	2007 - 2007	SRS		C/D				
XC70 (Generation1)	2007 - 2007	SRS_1		C/D				
XC70 (Generation1)	2007 - 2007	SRS_2		C/D				
XC70 (Generation1)	2007 - 2007	SRS_3		C/D				
XC70 (Generation2)	2007 - 2007	SRS		C/D				
XC90	2002 - 2013	SRS		C/D				
XC90	2002 - 2013	SRS_1		C/D				
XC90	2002 - 2013	SRS_2		C/D				
XC90	2002 - 2013	SRS_3		C/D				
XC90	2005 - 2013	SRS 08697628_A		C/D				
XC90	2005 - 2013	SRS 31313170_AA		C/D				

## Anti-lock Brakes

VOLVO					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
C30	2006 - 2013	ABS	C/D		•,S
C70	2000 - 2005	ABS_1	C/D		•,S
C70	2000 - 2005	ABS_2	C/D		•,S
C70	2000 - 2005	ABS_3	C/D		•,S
C70	2000 - 2013	ABS	C/D		•,S
C70 (Generation2)	2006 - 2006	ABS	C/D		•,S
S40	2000 - 2003	ABS	C/D		
S40	2005 - 2013	ABS	C/D		•,S
S40 (Generation1)	2004 - 2004	ABS	C/D		
S40 (Generation2)	2004 - 2004	ABS	C/D		•,S
V40	2000 - 2004	ABS	C/D		
V40	2012 - 2013	ABS	C/D	•	•,S
V50	2004 - 2013	ABS	C/D		•,S

## Auto Transmission

VOLVO					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
C30	2006 - 2013	AW50/51	C/D	•	
C30	2006 - 2013	AW50/51_1	C/D	•	
C30	2006 - 2013	MPS6	C/D	•	
C30	2011 - 2013	TF80SC	C/D	•	
C70	2000 - 2005	4T65EV	C/D	•	
C70	2000 - 2005	TF-80SC	C/D	•	
C70	2000 - 2013	AW50/51	C/D	•	
C70	2007 - 2010	MPS6	C/D	•	
C70	2007 - 2013	AW50/51_1	C/D	•	
C70	2011 - 2013	TF80SC	C/D	•	
C70 (Generation2)	2006 - 2006	AW50/51	C/D	•	
C70 (Generation2)	2006 - 2006	AW50/51_1	C/D	•	
S40	2000 - 2003	AW55-50/51	C/D	•	
S40	2005 - 2013	AW50/51	C/D	•	
S40	2005 - 2013	AW50/51_1	C/D	•	
S40	2005 - 2013	MPS6	C/D	•	
S40	2011 - 2013	TF80SC	C/D	•	
S40 (Generation1)	2004 - 2004	AW55-50/51	C/D	•	
S40 (Generation2)	2004 - 2004	AW50/51	C/D	•	
S40 (Generation2)	2004 - 2004	AW50/51_1	C/D	•	
S40 (Generation2)	2004 - 2004	MPS6	C/D	•	
S60	2000 - 2010	4T65EV	C/D	•	
S60	2000 - 2010	AW50/51	C/D	•	
S60	2000 - 2010	TF-80SC	C/D	•	
S60	2011 - 2013	MPS6	C/D	•	
S60	2011 - 2013	TF80SC	C/D	•	
S80	2000 - 2005	4T65EV	C/D	•	
S80	2000 - 2005	AW50/51	C/D	•	
S80	2000 - 2005	TF-80SC	C/D	•	
S80	2007 - 2013	TF80SC	C/D	•	
S80	2010 - 2013	MPS6	C/D	•	
S80 (Generation1)	2006 - 2006	4T65EV	C/D	•	
S80 (Generation1)	2006 - 2006	AW50/51	C/D	•	

## Auto Transmission Continued

VOLVO					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
S80 (Generation1)	2006 - 2006	TF-80SC	C/D	•	
S80 (Generation2)	2006 - 2006	TF80SC	C/D	•	
V40	2000 - 2004	AW55-50/51	C/D	•	
V40	2012 - 2013	MPS6	C/D	•	
V40	2012 - 2013	TF80SC	C/D	•	
V50	2004 - 2013	AW50/51	C/D	•	
V50	2004 - 2013	AW50/51_1	C/D	•	
V50	2004 - 2013	MPS6	C/D	•	
V50	2011 - 2013	TF80SC	C/D	•	
V60	2011 - 2013	MPS6	C/D	•	
V60	2011 - 2013	TF80SC	C/D	•	
V70	2000 - 2006	4T65EV	C/D	•	
V70	2000 - 2006	AW50/51	C/D	•	
V70	2000 - 2006	TF-80SC	C/D	•	
V70	2008 - 2013	TF80SC	C/D	•	
V70	2010 - 2013	MPS6	C/D	•	
V70 (Generation1)	2007 - 2007	4T65EV	C/D	•	
V70 (Generation1)	2007 - 2007	AW50/51	C/D	•	
V70 (Generation1)	2007 - 2007	TF-80SC	C/D	•	
V70 (Generation2)	2007 - 2007	TF80SC	C/D	•	
XC60	2009 - 2013	TF80SC	C/D	•	
XC60	2010 - 2013	MPS6	C/D	•	
XC70	2002 - 2006	4T65EV	C/D	•	
XC70	2002 - 2006	AW50/51	C/D	•	
XC70	2002 - 2006	TF-80SC	C/D	•	
XC70	2008 - 2013	TF80SC	C/D	•	
XC70 (Generation1)	2007 - 2007	4T65EV	C/D	•	
XC70 (Generation1)	2007 - 2007	AW50/51	C/D	•	
XC70 (Generation1)	2007 - 2007	TF-80SC	C/D	•	
XC70 (Generation2)	2007 - 2007	TF80SC	C/D	•	
XC90	2002 - 2013	4T65EV	C/D	•	
XC90	2002 - 2013	AW50/51	C/D	•	
XC90	2002 - 2013	TF-80SC	C/D	•	
XC90	2005 - 2011	TCM 30670215_AK TF-80SC	C/D	•	•
XC90	2007 - 2013	TCM 30774456_AC TF-80SC	C/D	•	•
XC90	2007 - 2013	TCM 31342639_AA TF-80SC	C/D	•	•

## Other

VOLVO						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
XC70 (Generation1)	2007 - 2007	CEM	C/D	•		Central Electronic Module
XC60	2009 - 2013	CEM	C/D	•		Central Electronic Module
XC70	2002 - 2013	CEM	C/D	•		Central Electronic Module
XC70 (Generation2)	2007 - 2007	CEM	C/D	•		Central Electronic Module
XC90	2002 - 2013	CEM	C/D	•		Central Electronic Module
XC90	2005 - 2013	CEM 31376475 AA 125k Variant	C/D	•		Central Electronic Module
XC90	2005 - 2013	CEM_30728759_ AA 125k Variant	C/D	•		Central Electronic Module
C30	2006 - 2013	CEM	C/D	•		Central Electronic Module
C70	2007 - 2013	CEM	C/D	•		Central Electronic Module
C70 (Generation2)	2006 - 2006	CEM	C/D	•		Central Electronic Module
S40	2000 - 2013	CEM	C/D	•		Central Electronic Module
S40 (Generation1)	2004 - 2004	CEM	C/D	•		Central Electronic Module
S40 (Generation2)	2004 - 2004	CEM	C/D	•		Central Electronic Module
S60	2000 - 2013	CEM	C/D	•		Central Electronic Module
S80	2000 - 2013	CEM	C/D	•		Central Electronic Module
S80 (Generation2)	2006 - 2006	CEM	C/D	•		Central Electronic Module
S80 (Generation1)	2006 - 2006	CEM	C/D	•		Central Electronic Module
V40	2000 - 2013	CEM	C/D	•		Central Electronic Module
V60	2011 - 2013	CEM	C/D	•		Central Electronic Module
V50	2004 - 2013	CEM	C/D	•		Central Electronic Module
V70	2000 - 2013	CEM	C/D	•		Central Electronic Module
V70 (Generation1)	2007 - 2007	CEM	C/D	•		Central Electronic Module
V70 (Generation2)	2007 - 2007	CEM	C/D	•		Central Electronic Module
V50	2004 - 2011	Additive Module	C/D	•	•	Diesel Additive Module
S40 (Generation2)	2004 - 2004	Additive Module	C/D	•	•	Diesel Additive Module
S40	2005 - 2011	Additive Module	C/D	•	•	Diesel Additive Module
C70	2007 - 2010	Additive Module	C/D	•	•	Diesel Additive Module
C30	2006 - 2011	Additive Module	C/D	•	•	Diesel Additive Module
C30	2006 - 2013	EPS	C/D			Electronic Power Steering
C70	2007 - 2013	EPS	C/D			Electronic Power Steering
C70 (Generation2)	2006 - 2006	EPS	C/D			Electronic Power Steering
S40	2005 - 2013	EPS	C/D			Electronic Power Steering
S40 (Generation2)	2004 - 2004	EPS	C/D			Electronic Power Steering
V50	2004 - 2013	EPS	C/D			Electronic Power Steering
V70	2000 - 2002	ETM	C/D			Electronic Throttle Module
S60	2000 - 2002	ETM	C/D			Electronic Throttle Module
S80	2000 - 2001	ETM	C/D			Electronic Throttle Module
C70	2000 - 2002	ETM	C/D			Electronic Throttle Module
S60	2007 - 2010	HCM	C/D			Headlamp Control Module
V70 (Generation1)	2007 - 2007	HCM	C/D			Headlamp Control Module
XC90	2007 - 2013	HCM	C/D			Headlamp Control Module
XC70 (Generation1)	2007 - 2007	HCM	C/D			Headlamp Control Module
XC70	2008 - 2013	HCM	C/D			Headlight Control Module
XC60	2009 - 2013	HCM	C/D			Headlight Control Module
XC70 (Generation2)	2007 - 2007	HCM	C/D			Headlight Control Module
V70 (Generation2)	2007 - 2007	HCM	C/D			Headlight Control Module
V50	2008 - 2013	HCM	C/D			Headlight Control Module
V70	2008 - 2013	HCM	C/D			Headlight Control Module
V60	2011 - 2013	HCM	C/D			Headlight Control Module
S80 (Generation2)	2006 - 2006	HCM	C/D			Headlight Control Module
S60	2011 - 2013	HCM	C/D			Headlight Control Module
S80	2007 - 2013	HCM	C/D			Headlight Control Module
C70	2010 - 2013	HCM	C/D			Headlight Control Module

Key for Special Functions: BB: Brake Blend, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Relearn, RK: Reset Adaptations, S: Steering Angle Sensor, I: Inertia Body Relearn, Jk: Jumper or Type Semi Auto, •: Other (see table on page 263) Dark grey lines indicate new content at 1.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

### Other Continued

VOLVO					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
C30	2010 - 2013	HCM	C/D		
S40	2008 - 2013	HCM	C/D		
S80	2007 - 2013	PBM	C/D	•,BS	Parking Brake Module
S60	2011 - 2013	PBM	C/D	•,BS	Parking Brake Module
S80 (Generation2)	2006 - 2006	PBM	C/D	•,BS	Parking Brake Module
V60	2011 - 2013	PBM	C/D	•,BS	Parking Brake Module
V70	2008 - 2013	PBM	C/D	•,BS	Parking Brake Module
V70 (Generation2)	2007 - 2007	PBM	C/D	•,BS	Parking Brake Module
XC70 (Generation2)	2007 - 2007	PBM	C/D	•,BS	Parking Brake Module
XC60	2009 - 2013	PBM	C/D	•,BS	Parking Brake Module
XC70	2008 - 2013	PBM	C/D	•,BS	Parking Brake Module
XC70	2008 - 2013	PSCM	C/D		Power Steering Control Module
XC60	2009 - 2013	PSCM	C/D		Power Steering Control Module
XC70 (Generation2)	2007 - 2007	PSCM	C/D		Power Steering Control Module
V70 (Generation2)	2007 - 2007	PSCM	C/D		Power Steering Control Module
V70	2008 - 2013	PSCM	C/D		Power Steering Control Module
V60	2011 - 2013	PSCM	C/D		Power Steering Control Module
V40	2012 - 2013	PSCM	C/D		Power Steering Control Module
S80 (Generation2)	2006 - 2006	PSCM	C/D		Power Steering Control Module
S60	2011 - 2013	PSCM	C/D		Power Steering Control Module
S80	2007 - 2013	PSCM	C/D		Power Steering Control Module
S60	2000 - 2013	DIM			Service Interval Reset
C70	2000 - 2013	DIM			Service Interval Reset
S40 (Generation2)	2004 - 2004	DIM			Service Interval Reset
S40 (Generation1)	2004 - 2004	DIM			Service Interval Reset
S40	2000 - 2013	DIM			Service Interval Reset
C70 (Generation2)	2006 - 2006	DIM			Service Interval Reset
C30	2006 - 2013	DIM			Service Interval Reset
S80 (Generation1)	2006 - 2006	DIM			Service Interval Reset
S80 (Generation2)	2006 - 2006	DIM			Service Interval Reset
S80	2000 - 2013	DIM			Service Interval Reset
V40	2000 - 2013	DIM			Service Interval Reset
V50	2004 - 2013	DIM			Service Interval Reset
V60	2011 - 2013	DIM			Service Interval Reset
V70 (Generation1)	2007 - 2007	DIM			Service Interval Reset
XC90	2002 - 2013	DIM			Service Interval Reset
V70	2000 - 2013	DIM			Service Interval Reset
XC70	2002 - 2013	DIM			Service Interval Reset
V70 (Generation2)	2007 - 2007	DIM			Service Interval Reset
XC60	2009 - 2013	DIM			Service Interval Reset
XC70 (Generation1)	2007 - 2007	DIM			Service Interval Reset
XC70 (Generation2)	2007 - 2007	DIM			Service Interval Reset
XC70 (Generation1)	2007 - 2007	SAS	C/D		Steering Angle Sensor
XC70	2008 - 2013	SAS 30710347	C/D		Steering Angle Sensor
XC70	2008 - 2013	SAS 30710733	C/D		Steering Angle Sensor
XC70	2008 - 2013	SAS 30773890	C/D		Steering Angle Sensor

### Other Continued

VOLVO					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
XC70	2008 - 2013	SAS 31264174	C/D		
XC70	2005 - 2006	SAS	C/D		
XC60	2009 - 2013	SAS 30710347	C/D		
XC60	2009 - 2013	SAS 30710733	C/D		
XC60	2009 - 2013	SAS 30773890	C/D		
XC60	2009 - 2013	SAS 31264174	C/D		
XC90	2005 - 2013	SAS	C/D		
XC90	2005 - 2013	SAS_30710733_AC	C/D		
XC70 (Generation2)	2007 - 2007	SAS 30710347	C/D		
XC70 (Generation2)	2007 - 2007	SAS 30710733	C/D		
XC70 (Generation2)	2007 - 2007	SAS 30773890	C/D		
XC70 (Generation2)	2007 - 2007	SAS 31264174	C/D		
V70	2005 - 2006	SAS	C/D		
V70 (Generation1)	2007 - 2007	SAS	C/D		
V70 (Generation2)	2007 - 2007	SAS 30710347	C/D		
V70 (Generation2)	2007 - 2007	SAS 30710733	C/D		
V70 (Generation2)	2007 - 2007	SAS 30773890	C/D		
V70 (Generation2)	2007 - 2007	SAS 31264174	C/D		
V70	2008 - 2013	SAS 30710347	C/D		
V70	2008 - 2013	SAS 30710733	C/D		
V70	2008 - 2013	SAS 30773890	C/D		
V70	2008 - 2013	SAS 31264174	C/D		
V50	2011 - 2013	SAS	C/D		
V40	2012 - 2013	SAS 30710347	C/D		
V40	2012 - 2013	SAS 30710733	C/D		
V40	2012 - 2013	SAS 30773890	C/D		
V40	2012 - 2013	SAS 31264174	C/D		
V60	2011 - 2013	SAS 30710347	C/D		
V60	2011 - 2013	SAS 30710733	C/D		
V60	2011 - 2013	SAS 30773890	C/D		
V60	2011 - 2013	SAS 31264174	C/D		
S80 (Generation1)	2006 - 2006	SAS	C/D		
S80 (Generation2)	2006 - 2006	SAS 30710347	C/D		
S80 (Generation2)	2006 - 2006	SAS 30710733	C/D		
S80 (Generation2)	2006 - 2006	SAS 30773890	C/D		
S80 (Generation2)	2006 - 2006	SAS 31264174	C/D		
C30	2011 - 2013	SAS	C/D		
C70	2011 - 2013	SAS	C/D		
S40	2011 - 2013	SAS	C/D		
S60	2011 - 2013	SAS 30710347	C/D		
S60	2011 - 2013	SAS 30710733	C/D		
S60	2011 - 2013	SAS 30773890	C/D		
S60	2011 - 2013	SAS 31264174	C/D		
S80	2007 - 2013	SAS 30710347	C/D		
S80	2007 - 2013	SAS 30710733	C/D		
S80	2007 - 2013	SAS 30773890	C/D		
S80	2007 - 2013	SAS 31264174	C/D		
S80	2005 - 2005	SAS	C/D		
S60	2005 - 2010	SAS	C/D		
S60	2005 - 2013	TPMS	C/D	•,R	Tire Pressure Monitoring System
S80	2005 - 2013	TPMS	C/D	•,R	Tire Pressure Monitoring System
S40 (Generation2)	2004 - 2004	CEM	C/D	•,R	Tire Pressure Monitoring System

### Other Continued

VOLVO					
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions
S40	2005 - 2013	CEM	C/D	•	•,R
S40	2011 - 2011	-			
C70 (Generation2)	2006 - 2006	CEM	C/D	•	•,R
C70	2007 - 2013	CEM	C/D	•	•,R
C30	2006 - 2013	CEM	C/D	•	•,R
S80 (Generation2)	2006 - 2006	TPMS	C/D		•,R
S80 (Generation1)	2006 - 2006	TPMS	C/D		•,R
V60	2011 - 2013	TPMS	C/D		•,R
V40	2013 - 2013	TPMS	C/D		•,R
V40	2012 - 2012	-			
V50	2004 - 2013	CEM	C/D	•	•,R
V70 (Generation2)	2007 - 2007	TPMS	C/D		•,R
V70 (Generation1)	2007 - 2007	TPMS	C/D		•,R
V70	2005 - 2013	TPMS	C/D		•,R
XC70 (Generation2)	2007 - 2007	TPMS	C/D		•,R
XC90	2005 - 2013	UEM (TPMS)_30797802_AA(TPMS)_30797802_AA	C/D		•,R
XC90	2005 - 2010	TPMS	C/D		•,R
XC90	2011 - 2013	-			
XC60	2009 - 2013	TPMS	C/D		•,R
XC70	2005 - 2013	TPMS	C/D		•,R
XC70 (Generation1)	2007 - 2007	TPMS	C/D		•,R
XC70 (Generation2)	2007 - 2007	-			
XC70 (Generation1)	2007 - 2007	-			
XC70	2002 - 2013	-			
XC60	2009 - 2013	-			
V70 (Generation2)	2007 - 2007	-			
XC70	2002 - 2005	ABS_1			
XC70	2002 - 2005	ABS_2			
XC70	2002 - 2005	ABS_3			
XC70	2002 - 2005	Alignment			
XC90	2002 - 2013	-			
XC90	2002 - 2005	ABS_1			
XC90	2002 - 2005	ABS_2			
XC90	2002 - 2005	ABS_3			
XC90	2002 - 2005	Alignment			
V70 (Generation1)	2007 - 2007	-			

## Other Continued

VOLVO						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
V70	2000 - 2005	ABS_1				Wheel Alignment
V70	2000 - 2005	ABS_2				Wheel Alignment
V70	2000 - 2005	ABS_3				Wheel Alignment
V70	2000 - 2005	Alignment				Wheel Alignment
V60	2011 - 2013	-				Wheel Alignment
V70	2002 - 2013	-				Wheel Alignment
V40	2012 - 2013	-				Wheel Alignment
V50	2004 - 2013	-				Wheel Alignment
S80 (Generation1)	2006 - 2006	-				Wheel Alignment
S80 (Generation2)	2006 - 2006	-				Wheel Alignment
C30	2006 - 2013	-				Wheel Alignment
C70	2000 - 2005	ABS_1				Wheel Alignment
C70	2000 - 2005	ABS_2				Wheel Alignment
C70	2000 - 2005	ABS_3				Wheel Alignment
C70	2000 - 2005	Alignment				Wheel Alignment
C70	2007 - 2013	-				Wheel Alignment
C70 (Generation2)	2006 - 2006	-				Wheel Alignment
S40	2005 - 2013	-				Wheel Alignment
S40 (Generation2)	2004 - 2004	-				Wheel Alignment
S60	2000 - 2005	ABS_1				Wheel Alignment
S60	2000 - 2005	ABS_2				Wheel Alignment
S60	2000 - 2005	ABS_3				Wheel Alignment
S60	2000 - 2005	Alignment				Wheel Alignment
S80	2002 - 2013	-				Wheel Alignment
S60	2002 - 2013	-				Wheel Alignment
S80	2000 - 2005	ABS_1				Wheel Alignment
S80	2000 - 2005	ABS_2				Wheel Alignment
S80	2000 - 2005	ABS_3				Wheel Alignment
S80	2000 - 2005	Alignment				Wheel Alignment
S40 (Generation2)	2004 - 2004	-				Codescan
S40 (Generation1)	2004 - 2004	-				Codescan
S40	2000 - 2013	-				Codescan
C70 (Generation2)	2006 - 2006	-				Codescan
C30	2006 - 2013	-				Codescan
S80 (Generation1)	2006 - 2006	-				Codescan
S80 (Generation2)	2006 - 2006	-				Codescan
S80	2000 - 2013	-				Codescan
V40	2000 - 2013	-				Codescan
V50	2004 - 2013	-				Codescan
V60	2011 - 2013	-				Codescan
V70 (Generation1)	2007 - 2007	-				Codescan
XC90	2002 - 2013	-				Codescan
V70	2000 - 2013	-				Codescan
XC70	2002 - 2013	-				Codescan
V70 (Generation2)	2007 - 2007	-				Codescan
XC60	2009 - 2013	-				Codescan
XC70 (Generation1)	2007 - 2007	-				Codescan
XC70 (Generation2)	2007 - 2007	-				Codescan
S40 (Generation2)	2004 - 2004	-				Clear All Codes
S40 (Generation1)	2004 - 2004	-				Clear All Codes
S40	2000 - 2013	-				Clear All Codes
C70 (Generation2)	2006 - 2006	-				Clear All Codes
C30	2006 - 2013	-				Clear All Codes
S80 (Generation1)	2006 - 2006	-				Clear All Codes
S80 (Generation2)	2006 - 2006	-				Clear All Codes
S80	2000 - 2013	-				Clear All Codes

## Other Continued

VOLVO						
Model	Years	System	Codes/ Data	Actuator Tests	Special Functions	Base System
V40	2000 - 2013	-				Clear All Codes
V50	2004 - 2013	-				Clear All Codes
V60	2011 - 2013	-				Clear All Codes
V70 (Generation1)	2007 - 2007	-				Clear All Codes
XC90	2002 - 2013	-				Clear All Codes
V70	2000 - 2013	-				Clear All Codes
XC70	2002 - 2013	-				Clear All Codes
V70 (Generation2)	2007 - 2007	-				Clear All Codes
XC60	2009 - 2013	-				Clear All Codes
XC70 (Generation1)	2007 - 2007	-				Clear All Codes
XC70 (Generation2)	2007 - 2007	-				Clear All Codes

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Relearn, RA: Relearn Adaptation, S: Steering Angle Sensor, I: Inertial Body Relearn, Jk: Jumper or Type Semi Auto, \* : Other (see table on page 26) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Bora	1999 - 2005	AHW	1.4		C,D	•	•
Bora	1999 - 2000	AKQ	1.4		C,D	•	•
Bora	1999 - 1999	APE	1.4		C,D	•	•
Bora	2000 - 2003	AXP	1.4		C,D	•	•
Bora	2002 - 2005	BCA	1.4		C,D	•	•,E,T
Bora	1999 - 2005	AEH	1.6		C,D	•	•
Bora	1998 - 2005	AKL	1.6		C,D	•	•
Bora	1999 - 2003	APF	1.6		C,D	•	•
Bora	1999 - 2003	ATN	1.6		C,D	•	•
Bora	1999 - 2000	AUR	1.6		C,D	•	•
Bora	2000 - 2003	AUS	1.6		C,D	•	•
Bora	2000 - 2003	AVU	1.6		C,D	•	•
Bora	2000 - 2003	AZD	1.6		C,D	•	•
Bora	2002 - 2005	BAD	1.6		C,D	•	•
Bora	2002 - 2005	BCB	1.6		C,D	•	•
Bora	2003 - 2005	BFQ	1.6		C,D	•	•
Bora	1999 - 2001	AGN	1.8		C,D	•	•
Bora	2000 - 2005	AGU	1.8		C,D	•	•
Bora	1998 - 2000	APH	1.8		C,D	•	•
Bora	1999 - 1999	AQA	1.8		C,D	•	•
Bora	2000 - 2001	ARX	1.8		C,D	•	•
Bora	2000 - 2005	AUM	1.8		C,D	•	•
Bora	2003 - 2005	AUQ	1.8		C,D	•	•
Bora	2002 - 2005	AWP	1.8		C,D	•	•
Bora	2003 - 2003	BAH	1.8		C,D	•	•,T
Bora	2003 - 2005	BEK	1.8		C,D	•	•
Bora	1999 - 2001	AGP	1.9		C,D	•	•
Bora	1999 - 2005	AQM	1.9		C,D	•	•
Bora	1999 - 2003	AGR	1.9		C,D	•	•
Bora	1998 - 2005	AHF	1.9		C,D	•	•
Bora	1999 - 2003	AJM	1.9		C,D	•	•
Bora	1998 - 2005	ALH	1.9		C,D	•	•
Bora	1999 - 2000	ANU	1.9		C,D	•	•
Bora	1999 - 2005	ARL	1.9		C,D	•	•
Bora	1999 - 2005	ASV	1.9		C,D	•	•
Bora	2001 - 2005	ASZ	1.9		C,D	•	•
Bora	2000 - 2005	ATD	1.9		C,D	•	•
Bora	1999 - 2003	AUY	1.9		C,D	•	•
Bora	2002 - 2005	AXR	1.9		C,D	•	•
Bora	2003 - 2005	BEW	1.9		C,D	•	•
Bora	1998 - 2005	APK	2		C,D	•	•
Bora	1999 - 2003	AQY	2		C,D	•	•
Bora	2003 - 2005	AVH	2		C,D	•	•
Bora	2002 - 2003	AZG	2		C,D	•	•
Bora	2000 - 2003	AZH	2		C,D	•	•
Bora	2001 - 2005	AZJ	2		C,D	•	•
Bora	2003 - 2005	BBW	2		C,D	•	•
Bora	2003 - 2003	BEJ	2		C,D	•	•
Bora	2003 - 2005	BER	2		C,D	•	•
Bora	2003 - 2005	BEV	2		C,D	•	•
Bora	2004 - 2005	BHP	2		C,D	•	•
Bora	1999 - 2001	AGZ	2.3		C,D	•	•
Bora	2000 - 2005	AQN	2.3		C,D	•	•
Bora	1999 - 2000	AFP	2.8		C,D	•	•
Bora	1999 - 2000	AQP	2.8		C,D	•	•
Bora	2000 - 2001	AUE	2.8		C,D	•	•
Bora	2002 - 2003	BDE	2.8		C,D	•	•
Bora	2003 - 2005	BDF	2.8		C,D	•	•
Caddy	2011 - 2013	CBZA	1.2L MPI		C,D	•	•,E,T

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Caddy	2011 - 2013	CBZB	1.2L MPI		C,D	•	•,E,T
Caddy	1995 - 2002	AEX	1.4		C,D	•	•
Caddy	2003 - 2005	AGY	1.4		C	•	•
Caddy	1999 - 2003	AKK	1.4		C,D	•	•
Caddy	1997 - 2003	AKV	1.4		C,D	•	•
Caddy	1999 - 2001	ANW	1.4		C,D	•	•
Caddy	1998 - 2001	ANX	1.4		C,D	•	•
Caddy	1999 - 2003	APE	1.4		C,D	•	•
Caddy	1997 - 2003	APQ	1.4		C,D	•	•
Caddy	1999 - 2003	AUA	1.4		C,D	•	•
Caddy	1999 - 2003	AUD	1.4		C,D	•	•
Caddy	2003 - 2003	BBY	1.4		C,D	•	•
Caddy	2004 - 2013	BCA	1.4		C,D	•	•,E,T
Caddy	1986 - 1992	EW	1.6		C,D	•	•
Caddy	2011 - 2013	CAYA	1.6		C,D	•	•,P,I
Caddy	2011 - 2013	CAYD	1.6		C,D	•	•,P,I
Caddy	1986 - 1992	EWA	1.6		C,D	•	•
Caddy	1986 - 1990	RE	1.6		C,D	•	•
Caddy	1995 - 2002	1F	1.6		C,D	•	•
Caddy	1986 - 1990	JK	1.6		C,D	•	•
Caddy	1990 - 1992	ME	1.6		C,D	•	•
Caddy	1995 - 2003	AEE	1.6		C,D	•	•
Caddy	2008 - 2013	BSF	1.6		C,D	•	•,E,T
Caddy	2008 - 2013	BSE	1.6		C,D	•	•,E,T
Caddy	1999 - 2001	AEH	1.6		C,D	•	•
Caddy	2003 - 2003	AFT	1.6		C,D	•	•
Caddy	2003 - 2005	AFX	1.6		C	•	•
Caddy	2003 - 2003	UVC	1.6		C,D	•	•
Caddy	2005 - 2013	BGU	1.6		C	•	•,T
Caddy	1996 - 2003	AHB	1.7		C,D	•	•
Caddy	2003 - 2003	ADD	1.8		C,D	•	•
Caddy	1997 - 2001	ADZ	1.8		C,D	•	•
Caddy	2003 - 2003	USF	1.8		C,D	•	•
Caddy	1986 - 1992	JH	1.8		C,D	•	•
Caddy	1995 - 2003	1Y	1.9		C,D	•	•
Caddy	1996 - 1998	AEF	1.9		C,D	•	•
Caddy	1995 - 2003	AEY	1.9		C,D	•	•
Caddy	2000 - 2003	AYQ	1.9		C,D	•	•
Caddy	2002 - 2003	1Z	1.9		C,D	•	•
Caddy	1998 - 2003	AFN	1.9		C,D	•	•
Caddy	1997 - 2003	ALE	1.9		C,D	•	•
Caddy	1997 - 2003	ALH	1.9		C,D	•	•
Caddy	1999 - 2003	ASV	1.9		C,D	•	•
Caddy	2005 - 2013	BKC	1.9		C,D	•	•,P
Caddy	2005 - 2013	BJB	1.9		C,D	•	•,P
Caddy	2005 - 2013	BSU	1.9		C,D	•	•
Caddy	2005 - 2013	BST	2		C	•	•
Caddy	2005 - 2013	BLS	2		C,D	•	•,P
Caddy	2003 - 2003	ADC	2		C,D	•	•
Caddy	2005 - 2013	BDJ	2		C	•	•
Caddy	2005 - 2013	BMM	2		C,D	•	•,P
Caddy	2009 - 2013	BUD	1.4L MPI		C,D	•	•,E,T
Caddy Pickup	1997 - 1998	AEX	1.4		C,D	•	•
Caddy Pickup	1999 - 2000	APE	1.4		C,D	•	•
Caddy Pickup	1997 - 2003	AEE	1.6		C,D	•	•
Caddy Pickup	1997 - 2003	AEF	1.9		C,D	•	•
Campmobil	1986 - 1992	JX	1.6		C,D	•	•
Campmobil	1986 - 1992	KY	1.8		C,D	•	•
Campmobil	1986 - 1992	DJ	2.1		C,D	•	•

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 Key for Special Functions: BB= Brake Bleed, BS= Brake Service, C= Crash Data, CF= Configuration, E= EGR, F= Flywheel, I= Injector Coding, O= Oil reset for DPF, P= Particulate Filter, R= Return, RA= Reset Adaptations, S= Steering Angle Sensor, E= Electric Body Return, A= Type A or Type Semi Auto, \* = Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Campmobil	1986 - 1992	MV	2.1		C,D	•	•
Campmobil	1986 - 1992	1S	2.4		C,D	•	•
Campmobil	1986 - 1989	DW	2.4		C,D	•	•
Campmobil	1988 - 1996	1E	2.4		C,D	•	•
Campmobil	1986 - 1992	1G	2.4		C,D	•	•
Campmobil	1992 - 1996	ACL	2.4		C,D	•	•
Campmobil	1986 - 1992	DL	2.4		C,D	•	•
Corrado	1989 - 1992	KR	1.8		C,D	•	•
Corrado	1988 - 1993	PG	1.8		C,D	•	•
Corrado	1993 - 1994	2E	2		C,D	•	•
Corrado	1991 - 1995	9A	2		C,D	•	•
Corrado	1994 - 1995	ADY	2		C,D	•	•
Corrado	1991 - 1998	ABV	2.9		C,D	•	•
CRAFTER	2006 - 2013	CEBA	2.5 TDI-CR		C,D	•	•,I,P
CRAFTER	2006 - 2013	CEBB	2.5 TDI-CR		C,D	•	•,I,P
CRAFTER	2006 - 2013	CECA	2.5 TDI-CR		C,D	•	•,I,P
CRAFTER	2006 - 2013	CECB	2.5 TDI-CR		C,D	•	•,I,P
CRAFTER	2006 - 2013	BJJ	2.5 TDI-CR		C,D	•	•,I,P
CRAFTER	2006 - 2013	BJK	2.5 TDI-CR		C,D	•	•,I,P
CRAFTER	2006 - 2013	BJL	2.5 TDI-CR		C,D	•	•,I,P
CRAFTER	2006 - 2013	BJM	2.5 TDI-CR		C,D	•	•,I,P
Eos	2010 - 2013	CAXA	1.4 MPI		C,D	•	•,E,T
Eos	2010 - 2013	CAVD	1.4 MPI		C,D	•	•,E,T
Eos	2009 - 2013	CAWB	2.0 L MPI		C,D	•	•,E,T
Eos	2006 - 2013	BVY	2		C,D	•	•,E,T
Eos	2006 - 2013	BVZ	2		C,D	•	•,E,T
Eos	2006 - 2013	BWA	2		C,D	•	•,E,T
Eos	2010 - 2013	CCZA	2.0L MPI		C	•	•,E,T
Eos	2009 - 2013	CCZB	2.0 L MPI		C,D	•	•,E,T
Eos	2009 - 2013	CBAB	2.0L TDI-CR		C,D	•	•,I,P
Eurovan	1992 - 2001	ABL	1.9		C,D	•	•
Eurovan	1990 - 2000	AAC	2		C,D	•	•
Eurovan	1992 - 1998	AAB	2.4		C,D	•	•
Eurovan	1997 - 2000	AJA	2.4		C,D	•	•
Eurovan	1990 - 1994	AAF	2.5		C,D	•	•
Eurovan	1994 - 1996	ACU	2.5		C,D	•	•
Eurovan	1995 - 1996	AEN	2.5		C,D	•	•
Eurovan	1996 - 1998	AET	2.5		C,D	•	•
Eurovan	1999 - 2000	AET	2.5		C,D	•	•
Eurovan	1996 - 2000	AEU	2.5		C,D	•	•
Eurovan	1999 - 2000	APL	2.5		C,D	•	•
Eurovan	1998 - 2000	AVT	2.5		C,D	•	•
Eurovan	1995 - 2000	ACV	2.5		C,D	•	•
Eurovan	1998 - 2001	AHY	2.5		C,D	•	•
Eurovan	1998 - 2001	AJT	2.5		C,D	•	•
Eurovan	1999 - 2000	AUF	2.5		C,D	•	•
Eurovan	1996 - 2000	AES	2.8		C,D	•	•
Eurovan	2000 - 2001	AMV	2.8		C,D	•	•
Eurovan	2000 - 2001	AXK	2.8		C,D	•	•
Fox	2011 - 2013	CHFA	1.2		C,D	•	•
Fox	2011 - 2013	CHFB	1.2		C,D	•	•
Fox	2005 - 2013	BMD	1.2		C,D	•	•,T
Fox	2005 - 2009	AMF	1.4		C,D	•	•
Fox	2005 - 2013	BKR	1.4		C,D	•	•,T
Fox	2005 - 2013	BNM	1.4		C,D	•	•
Fox	2005 - 2009	BJA	1.6		C,D	•	•,E,T
Fox	2005 - 2009	AVY	1.6		C,D	•	•,T
Fox	2005 - 2013	BAH	1.6		C	•	•,T
Fox	2005 - 2013	BPA	1.6		C,D	•	•,E,T

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Fox	2005 - 2013	BLH	1.6		C	•	•
Fox	1987 - 1993	JN	1.8		C,D	•	•
Fox	1991 - 1993	ABG	1.8		C,D	•	•
Fox	2010 - 2013	ASY	1.9		C,D	•	•
Golf	1986 - 1991	HZ	1		C,D	•	•
Golf	2011 - 2013	CBZB	1.2		C,D	•	•
Golf	2011 - 2013	CBZA	1.2		C,D	•	•
Golf	1987 - 1987	2C	1.3		C,D	•	•
Golf	1989 - 1992	2G	1.3		C,D	•	•
Golf	1986 - 1988	MH	1.3		C,D	•	•
Golf	1986 - 1987	NU	1.3		C,D	•	•
Golf	1987 - 1992	NZ	1.3		C,D	•	•
Golf	1991 - 1996	ABD	1.4		C,D	•	•
Golf	1995 - 1999	AEX	1.4		C,D	•	•
Golf	1998 - 2004	AHW	1.4		C,D	•	•
Golf	1998 - 2000	AKQ	1.4		C,D	•	•
Golf	1998 - 2003	APE	1.4		C,D	•	•
Golf	1997 - 1998	APQ	1.4		C,D	•	•
Golf	2000 - 2003	AXP	1.4		C,D	•	•
Golf	2003 - 2003	AXU	1.4		C,D	•	•,T
Golf	2002 - 2009	BCA	1.4		C,D	•	•,E,T
Golf	2004 - 2009	BKG	1.4		C	•	•
Golf	2005 - 2009	BLN	1.4		C,D	•	•
Golf	2011 - 2013	CGGA	1.4		C	•	•
Golf	2011 - 2013	CAXA	1.4		C,D	•	•
Golf	2011 - 2013	CAVD	1.4		C,D	•	•
Golf	1991 - 1992	ABN	1.6		C,D	•	•
Golf	1986 - 1991	EZ	1.6		C,D	•	•
Golf	1986 - 1987	EZA	1.6		C,D	•	•
Golf	1986 - 1988	HM	1.6		C,D	•	•
Golf	1987 - 1992	PN	1.6		C,D	•	•
Golf	1986 - 1991	RF	1.6		C,D	•	•
Golf	1992 - 1995	ABU	1.6		C,D	•	•
Golf	1991 - 1993	ABX	1.6		C,D	•	•
Golf	1994 - 1996	AEA	1.6		C,D	•	•
Golf	1995 - 1997	AEE	1.6		C,D	•	•
Golf	1998 - 2009	AEH	1.6		C,D	•	•
Golf	1994 - 1996	AEK	1.6		C,D	•	•
Golf	1995 - 1998	AFT	1.6		C,D	•	•
Golf	1998 - 2009	AKL	1.6		C,D	•	•
Golf	1995 - 2001	AKS	1.6		C,D	•	•
Golf	1999 - 2001	APF	1.6		C,D	•	•
Golf	1999 - 2000	ATN	1.6		C,D	•	•
Golf	1999 - 2001	AUR	1.6		C,D	•	•
Golf	1999 - 2003	AUS	1.6		C,D	•	•
Golf	2000 - 2003	AVU	1.6		C,D	•	•
Golf	2000 - 2003	AZD	1.6		C,D	•	•
Golf	2002 - 2009	BAD	1.6		C,D	•	•
Golf	2004 - 2009	BAG	1.6		C,D	•	•
Golf	2003 - 2010	BAH	1.6		C,D	•	•,T
Golf	2002 - 2009	BCB	1.6		C,D	•	•
Golf	2002 - 2009	BFQ	1.6		C,D	•	•
Golf	2004 - 2009	BGU	1.6		C,D	•	•,T
Golf	2005 - 2009	BLF	1.6		C	•	•,E,T
Golf	2005 - 2009	BLP	1.6		C	•	•
Golf	2008 - 2010	BPA	1.6		C,D	•	•,E,T
Golf	2005 - 2013	BSE	1.6		C,D	•	•,E,T
Golf	2005 - 2013	BSE	1.6		C,D	•	•,E,T
Golf	2011 - 2013	CHGA	1.6		C,D	•	•,E,T

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertia Body Return, JA: Type/Year or Type/Semi Auto, \* Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Golf	2011 - 2013	CAYC	1.6		C,D	•	•,I,P
Golf	2011 - 2013	CAYB	1.6		C,D	•	•,I,P
Golf	1986 - 1991	JP	1.6		C,D	•	•
Golf	1986 - 1991	JPA	1.6		C,D	•	•
Golf	1988 - 1991	ME	1.6		C,D	•	•
Golf	1989 - 1992	1V	1.6		C,D	•	•
Golf	1986 - 1991	JR	1.6		C,D	•	•
Golf	1988 - 1991	MF	1.6		C,D	•	•
Golf	1989 - 1990	RA	1.6		C,D	•	•
Golf	1989 - 1991	SB	1.6		C,D	•	•
Golf	2011 - 2013	CCSA	1.6		C,D	•	•
Golf	2011 - 2013	CDA A	1.8		C,D	•	•
Golf	1986 - 1991	GU	1.8		C,D	•	•
Golf	1986 - 1987	HV	1.8		C,D	•	•
Golf	1986 - 1990	RH	1.8		C,D	•	•
Golf	1986 - 1987	EV	1.8		C,D	•	•
Golf	1986 - 1988	GZ	1.8		C,D	•	•
Golf	1986 - 1991	KR	1.8		C,D	•	•
Golf	1986 - 1987	RG	1.8		C,D	•	•
Golf	1986 - 1988	GX	1.8		C,D	•	•
Golf	1986 - 1991	PL	1.8		C,D	•	•
Golf	1986 - 1988	RD	1.8		C,D	•	•
Golf	1988 - 1991	1P	1.8		C,D	•	•
Golf	1989 - 1993	2H	1.8		C,D	•	•
Golf	1991 - 1997	AAM	1.8		C,D	•	•
Golf	1991 - 1997	ABS	1.8		C,D	•	•
Golf	1993 - 2000	ACC	1.8		C,D	•	•
Golf	1993 - 2000	ADD	1.8		C,D	•	•
Golf	1995 - 1997	ADZ	1.8		C,D	•	•
Golf	1998 - 2000	AGN	1.8		C,D	•	•
Golf	1998 - 1998	ALN	1.8		C,D	•	•
Golf	1997 - 2000	ANN	1.8		C,D	•	•
Golf	1997 - 2001	ANP	1.8		C,D	•	•
Golf	1998 - 2000	APG	1.8		C,D	•	•
Golf	1987 - 1991	PB	1.8		C,D	•	•
Golf	1987 - 1991	PF	1.8		C,D	•	•
Golf	1987 - 1992	RP	1.8		C,D	•	•
Golf	1987 - 1992	RV	1.8		C,D	•	•
Golf	1989 - 1989	1H	1.8		C,D	•	•
Golf	1998 - 2004	AGU	1.8		C,D	•	•
Golf	1998 - 2000	APH	1.8		C,D	•	•
Golf	1999 - 2000	AQA	1.8		C,D	•	•
Golf	2000 - 2001	ARX	1.8		C,D	•	•
Golf	1999 - 2001	ARZ	1.8		C,D	•	•
Golf	2000 - 2009	AUM	1.8		C,D	•	•
Golf	2002 - 2009	AUQ	1.8		C,D	•	•
Golf	2000 - 2000	AWD	1.8		C,D	•	•
Golf	2003 - 2004	AWP	1.8		C,D	•	•
Golf	1990 - 1991	PG	1.8		C,D	•	•
Golf	1991 - 1994	1Y	1.9		C,D	•	•
Golf	1995 - 2000	1Y	1.9		C,D	•	•
Golf	1995 - 2000	AEY	1.9		C,D	•	•
Golf	1998 - 2000	AGP	1.9		C,D	•	•
Golf	1998 - 2009	AQM	1.9		C,D	•	•
Golf	1991 - 1994	AAZ	1.9		C,D	•	•
Golf	1995 - 2001	AAZ	1.9		C,D	•	•
Golf	1993 - 1997	1Z	1.9		C,D	•	•
Golf	1995 - 1998	AFN	1.9		C,D	•	•
Golf	1998 - 2010	AGR	1.9		C,D	•	•

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Golf	1997 - 2009	AHF	1.9		C,D	•	•
Golf	1996 - 2000	AHU	1.9		C,D	•	•
Golf	1998 - 2009	AJM	1.9		C,D	•	•
Golf	1996 - 2000	ALE	1.9		C,D	•	•
Golf	1998 - 2009	ALH	1.9		C,D	•	•
Golf	1999 - 2000	ANU	1.9		C,D	•	•
Golf	1999 - 2009	ARL	1.9		C,D	•	•
Golf	1999 - 2004	ASV	1.9		C,D	•	•
Golf	2001 - 2009	ASZ	1.9		C,D	•	•
Golf	2000 - 2009	ATD	1.9		C,D	•	•
Golf	1999 - 2009	AUY	1.9		C,D	•	•
Golf	2002 - 2009	AXR	1.9		C,D	•	•
Golf	2004 - 2004	BEW	1.9		C,D	•	•
Golf	2005 - 2009	BJB	1.9		C,D	•	•,P
Golf	2004 - 2009	BKC	1.9		C,D	•	•,P
Golf	2005 - 2009	BRU	1.9		C,D	•	•
Golf	2011 - 2013	CBPA	2.0 L MPI		C	•	•,E,T
Golf	2009 - 2013	CAWB	2.0 L MPI		C,D	•	•,E,T
Golf	2009 - 2013	CFEA	2.0 L MPI		C	•	•,E,T
Golf	2009 - 2013	CCZA	2.0 L MPI		C,D	•	•,E,T
Golf	2009 - 2013	CCZB	2.0 L MPI		C,D	•	•,E,T
Golf	2011 - 2013	CDLC	2.0 L MPI		C	•	•,E,T
Golf	2009 - 2013	CBBB	2.0L TDI -CR		C,D	•	•,I,P
Golf	2009 - 2013	CFFA	2.0L TDI -CR		C,D	•	•,I,P
Golf	2009 - 2013	CFFB	2.0L TDI -CR		C,D	•	•,I,P
Golf	2009 - 2013	CFHB	2.0L TDI -CR		C,D	•	•,I,P
Golf	2009 - 2013	CFHC	2.0L TDI -CR		C,D	•	•,I,P
Golf	2010 - 2013	CEGA	2.0L TDI -CR		C,D	•	•,I
Golf	2011 - 2013	CFGB	2.0L TDI -CR		C,D	•	•,I
Golf	2009 - 2013	CBDA	2.0L TDI -CR		C,D	•	•,I
Golf	2009 - 2013	CBDB	2.0L TDI -CR		C,D	•	•,I
Golf	2009 - 2013	CBAB	2.0L TDI -CR		C,D	•	•,I
Golf	2009 - 2013	CBDB	2.0L TDI -CR		C,D	•	•,I
Golf	1991 - 1994	2E	2		C,D	•	•
Golf	1991 - 1994	9A	2		C,D	•	•
Golf	1992 - 2000	ABA	2		C,D	•	•
Golf	1992 - 1997	ABF	2		C,D	•	•
Golf	1994 - 1998	ADC	2		C,D	•	•
Golf	1994 - 1997	ADY	2		C,D	•	•
Golf	1999 - 2000	AEG	2		C,D	•	•
Golf	1995 - 1997	AEP	2		C,D	•	•
Golf	1995 - 2000	AGG	2		C,D	•	•
Golf	1995 - 2000	AKR	2		C,D	•	•
Golf	1998 - 2009	APK	2		C,D	•	•
Golf	1998 - 2009	AQY	2		C,D	•	•
Golf	1999 - 2000	ATU	2		C,D	•	•
Golf	2003 - 2004	AVH	2		C,D	•	•
Golf	2000 - 2001	AWF	2		C,D	•	•
Golf	2000 - 2001	AWG	2		C,D	•	•
Golf	2004 - 2009	AXW	2		C	•	•
Golf	2005 - 2009	AXX	2		C,D	•	•
Golf	2002 - 2003	AZG	2		C,D	•	•
Golf	2000 - 2003	AZH	2		C,D	•	•
Golf	2001 - 2009	AZJ	2		C,D	•	•
Golf	2003 - 2009	BEH	2		C,D	•	•
Golf	2003 - 2003	BEJ	2		C,D	•	•
Golf	2003 - 2010	BER	2		C,D	•	•
Golf	2004 - 2004	BEV	2		C,D	•	•
Golf	2004 - 2009	BDK	2		C	•	•

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Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, JA: Jumper or Type Sens Auto, \* : Other (see table on page 263) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated.

# Engine Management Applications

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Golf	2004 - 2009	AZV	2		C,D	•	•
Golf	2004 - 2009	BKD	2		C,D	•	•
Golf	2004 - 2010	BHP	2		C,D	•	•
Golf	2008 - 2009	BVZ	2		C,D	•	•,E,T
Golf	2008 - 2009	BVX	2		C,D	•	•
Golf	2008 - 2009	BVY	2		C,D	•	•,E,T
Golf	2008 - 2009	BWA	2		C,D	•	•,E,T
Golf	2005 - 2009	BLR	2		C,D	•	•
Golf	2005 - 2009	BLX	2		C,D	•	•
Golf	2005 - 2009	BLY	2		C,D	•	•
Golf	2005 - 2009	BMM	2		C,D	•	•,P
Golf	2005 - 2009	BMN	2		C,D	•	•,P
Golf	2005 - 2009	BXF	2		C,D	•	•
Golf	2005 - 2009	BXE	2		C,D	•	•,P
Golf	2005 - 2009	BLS	2		C,D	•	•,P
Golf	2010 - 2010	CBPA	2		C	•	•
Golf	1997 - 2001	AGZ	2.3		C,D	•	•
Golf	2000 - 2009	AQN	2.3		C,D	•	•
Golf	1991 - 1997	AAA	2.8		C,D	•	•
Golf	1996 - 1997	AFA	2.8		C,D	•	•
Golf	1999 - 2000	AFP	2.8		C,D	•	•
Golf	1999 - 2000	AQP	2.8		C,D	•	•
Golf	2000 - 2001	AUE	2.8		C,D	•	•
Golf	2002 - 2009	BDE	2.8		C,D	•	•
Golf	2003 - 2004	BDF	2.8		C,D	•	•
Golf	1994 - 1997	ABV	2.9		C,D	•	•
Golf	2003 - 2004	BFH	3.2		C,D	•	•
Golf	2004 - 2004	BJS	3.2		C,D	•	•
Golf	2004 - 2004	BML	3.2		C,D	•	•
Golf	2009 - 2009	CHGA	1.6 MPI		C,D	•	•,E,T
Golf	2009 - 2010	CBAA	2.0L TDI - CR		C,D	•	•,I
Golf	2010 - 2010	CBDA	2.0L TDI - CR		C,D	•	•,I
Golf	2009 - 2009	CCTA	2.0 L MPI		C,D	•	•,E,T
Golf	2005 - 2009	BUB	3.2		C,D	•	•
Golf Cabrio	1986 - 1992	EW	1.6		C,D	•	•
Golf Cabrio	1986 - 1987	EWA	1.6		C,D	•	•
Golf Cabrio	1986 - 1990	RE	1.6		C,D	•	•
Golf Cabrio	1994 - 1996	AEK	1.6		C,D	•	•
Golf Cabrio	1996 - 2003	AFT	1.6		C,D	•	•
Golf Cabrio	1999 - 2003	AKS	1.6		C,D	•	•
Golf Cabrio	1986 - 1992	EX	1.8		C,D	•	•
Golf Cabrio	1993 - 2002	AAM	1.8		C,D	•	•
Golf Cabrio	1993 - 2000	ABS	1.8		C,D	•	•
Golf Cabrio	1999 - 2000	ADD	1.8		C,D	•	•
Golf Cabrio	1995 - 2003	ADZ	1.8		C,D	•	•
Golf Cabrio	1997 - 2003	ANN	1.8		C,D	•	•
Golf Cabrio	1995 - 2003	ANP	1.8		C,D	•	•
Golf Cabrio	1986 - 1992	DX	1.8		C,D	•	•
Golf Cabrio	1986 - 1993	JH	1.8		C,D	•	•
Golf Cabrio	1986 - 1989	KT	1.8		C,D	•	•
Golf Cabrio	1989 - 1994	2H	1.8		C,D	•	•
Golf Cabrio	1995 - 1997	1Z	1.9		C,D	•	•
Golf Cabrio	1995 - 2003	AFN	1.9		C,D	•	•
Golf Cabrio	1996 - 2003	AHU	1.9		C,D	•	•
Golf Cabrio	1996 - 2003	ALE	1.9		C,D	•	•
Golf Cabrio	1998 - 2003	AVG	1.9		C,D	•	•
Golf Cabrio	1993 - 1994	2E	2		C,D	•	•
Golf Cabrio	1996 - 1998	ABA	2		C,D	•	•
Golf Cabrio	1996 - 2000	ADY	2		C,D	•	•

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Golf Cabrio	1996 - 2003	AGG	2		C,D	•	•
Golf Cabrio	1996 - 2003	AKR	2		C,D	•	•
Golf Cabrio	1999 - 2003	ATU	2		C,D	•	•
Golf Cabrio	2000 - 2003	AWF	2		C,D	•	•
Golf Cabrio	2000 - 2003	AWG	2		C,D	•	•
Golf Variant	1993 - 1996	ABD	1.4		C,D	•	•
Golf Variant	1995 - 1998	AEX	1.4		C,D	•	•
Golf Variant	1999 - 2003	AHW	1.4		C,D	•	•
Golf Variant	1999 - 2001	AKQ	1.4		C,D	•	•
Golf Variant	1999 - 2001	APE	1.4		C,D	•	•
Golf Variant	1999 - 2001	AUA	1.4		C,D	•	•
Golf Variant	2000 - 2003	AXP	1.4		C,D	•	•
Golf Variant	2002 - 2003	BCA	1.4		C,D	•	•,E,T
Golf Variant	1993 - 1995	ABU	1.6		C,D	•	•
Golf Variant	1994 - 1998	AEA	1.6		C,D	•	•
Golf Variant	1995 - 1998	AEE	1.6		C,D	•	•
Golf Variant	1999 - 2003	AEH	1.6		C,D	•	•
Golf Variant	1994 - 1996	AEK	1.6		C,D	•	•
Golf Variant	1995 - 1998	AFT	1.6		C,D	•	•
Golf Variant	1999 - 2003	AKL	1.6		C,D	•	•
Golf Variant	1997 - 2001	AKS	1.6		C,D	•	•
Golf Variant	1999 - 2001	APF	1.6		C,D	•	•
Golf Variant	2000 - 2003	ATN	1.6		C,D	•	•
Golf Variant	2000 - 2003	AUS	1.6		C,D	•	•
Golf Variant	2000 - 2003	AVU	1.6		C,D	•	•
Golf Variant	2000 - 2003	AZD	1.6		C,D	•	•
Golf Variant	2002 - 2003	BAD	1.6		C,D	•	•
Golf Variant	2002 - 2003	BCB	1.6		C,D	•	•
Golf Variant	1993 - 1998	AAM	1.8		C,D	•	•
Golf Variant	1993 - 1997	ABS	1.8		C,D	•	•
Golf Variant	1999 - 2001	ADD	1.8		C,D	•	•
Golf Variant	1995 - 1998	ADZ	1.8		C,D	•	•
Golf Variant	2000 - 2001	AGN	1.8		C,D	•	•
Golf Variant	1997 - 2001	ANN	1.8		C,D	•	•
Golf Variant	1997 - 2001	ANP	1.8		C,D	•	•
Golf Variant	2001 - 2003	AGU	1.8		C,D	•	•
Golf Variant	2001 - 2001	ARX	1.8		C,D	•	•
Golf Variant	2001 - 2001	ARZ	1.8		C,D	•	•
Golf Variant	2001 - 2003	AUM	1.8		C,D	•	•
Golf Variant	1993 - 1994	1Y	1.9		C,D	•	•
Golf Variant	1995 - 1998	1Y	1.9		C,D	•	•
Golf Variant	1995 - 1998	AEY	1.9		C,D	•	•
Golf Variant	2000 - 2003	AGP	1.9		C,D	•	•
Golf Variant	1999 - 2003	AQM	1.9		C,D	•	•
Golf Variant	1993 - 1994	AAZ	1.9		C,D	•	•
Golf Variant	1995 - 2001	AAZ	1.9		C,D	•	•
Golf Variant	1993 - 1998	1Z	1.9		C,D	•	•
Golf Variant	1995 - 1998	AFN	1.9		C,D	•	•
Golf Variant	1999 - 2003	AGR	1.9		C,D	•	•
Golf Variant	1997 - 2003	AHF	1.9		C,D	•	•
Golf Variant	1996 - 2001	AHU	1.9		C,D	•	•
Golf Variant	1999 - 2003	AJM	1.9		C,D	•	•
Golf Variant	1996 - 2001	ALE	1.9		C,D	•	•
Golf Variant	1999 - 2003	ALH	1.9		C,D	•	•
Golf Variant	2001 - 2001	ASU	1.9		C,D	•	•
Golf Variant	2000 - 2003	ASV	1.9		C,D	•	•
Golf Variant	2001 - 2003	ASZ	1.9		C,D	•	•
Golf Variant	2002 - 2003	ATD	1.9		C,D	•	•
Golf Variant	1999 - 2003	AUY	1.9		C,D	•	•

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertia Body Return, A: Type A or Type Semi Auto, \* Other (see table on page 26) Data grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Golf Variant	2002 - 2003	AXR	1.9		C,D	•	•
Golf Variant	1993 - 1994	2E	2		C,D	•	•
Golf Variant	1993 - 2001	ABA	2		C,D	•	•
Golf Variant	1993 - 1998	ABF	2		C,D	•	•
Golf Variant	1994 - 1998	ADY	2		C,D	•	•
Golf Variant	1995 - 1998	AEP	2		C,D	•	•
Golf Variant	1995 - 2001	AGG	2		C,D	•	•
Golf Variant	1995 - 2001	AKR	2		C,D	•	•
Golf Variant	1999 - 2003	APK	2		C,D	•	•
Golf Variant	1999 - 2003	AQY	2		C,D	•	•
Golf Variant	1999 - 2001	ATU	2		C,D	•	•
Golf Variant	2000 - 2001	AWF	2		C,D	•	•
Golf Variant	2000 - 2001	AWG	2		C,D	•	•
Golf Variant	2001 - 2003	AZH	2		C,D	•	•
Golf Variant	2002 - 2003	AZJ	2		C,D	•	•
Golf Variant	1997 - 2001	AGZ	2.3		C,D	•	•
Golf Variant	2001 - 2003	AQN	2.3		C,D	•	•
Golf Variant	1993 - 1997	AAA	2.8		C,D	•	•
Golf Variant	1996 - 1998	AFA	2.8		C,D	•	•
Golf Variant	1999 - 2001	AQP	2.8		C,D	•	•
Golf Variant	2000 - 2001	AUE	2.8		C,D	•	•
Golf Variant	2002 - 2003	BDE	2.8		C,D	•	•
Golf Variant	1994 - 1998	ABV	2.9		C,D	•	•
Jetta	1987 - 1987	2C	1.3		C,D	•	•
Jetta	1989 - 1991	2G	1.3		C,D	•	•
Jetta	1986 - 1988	MH	1.3		C,D	•	•
Jetta	1986 - 1987	NU	1.3		C,D	•	•
Jetta	1987 - 1991	NZ	1.3		C,D	•	•
Jetta	1991 - 1991	ABN	1.6		C,D	•	•
Jetta	1986 - 1991	EZ	1.6		C,D	•	•
Jetta	1986 - 1987	EZA	1.6		C,D	•	•
Jetta	1986 - 1988	HM	1.6		C,D	•	•
Jetta	1987 - 1991	PN	1.6		C,D	•	•
Jetta	1986 - 1991	RF	1.6		C,D	•	•
Jetta	1986 - 1991	JP	1.6		C,D	•	•
Jetta	1986 - 1991	JPA	1.6		C,D	•	•
Jetta	1988 - 1991	ME	1.6		C,D	•	•
Jetta	1989 - 1991	1V	1.6		C,D	•	•
Jetta	1986 - 1991	JR	1.6		C,D	•	•
Jetta	1988 - 1991	MF	1.6		C,D	•	•
Jetta	1989 - 1990	RA	1.6		C,D	•	•
Jetta	1989 - 1991	SB	1.6		C,D	•	•
Jetta	1986 - 1991	GU	1.8		C,D	•	•
Jetta	1986 - 1987	HV	1.8		C,D	•	•
Jetta	1986 - 1990	RH	1.8		C,D	•	•
Jetta	1987 - 1991	RP	1.8		C,D	•	•
Jetta	1986 - 1987	EV	1.8		C,D	•	•
Jetta	1986 - 1988	GZ	1.8		C,D	•	•
Jetta	1986 - 1991	KR	1.8		C,D	•	•
Jetta	1986 - 1987	RG	1.8		C,D	•	•
Jetta	1986 - 1987	GX	1.8		C,D	•	•
Jetta	1986 - 1991	PL	1.8		C,D	•	•
Jetta	1986 - 1988	RD	1.8		C,D	•	•
Jetta	1988 - 1991	1P	1.8		C,D	•	•
Jetta	1988 - 1991	PB	1.8		C,D	•	•
Jetta	1987 - 1991	PF	1.8		C,D	•	•
Jetta	1987 - 1991	RV	1.8		C,D	•	•
Jetta	1990 - 1991	PG	1.8		C,D	•	•
Jetta	1991 - 1992	9A	2		C,D	•	•

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Jetta	1992 - 1994	ABA	2		C,D	•	•
Jetta (USA/Canada)	2000 - 2001	AXP	1.4		C,D	•	•
Jetta (USA/Canada)	1986 - 1992	ME	1.6		C,D	•	•
Jetta (USA/Canada)	1991 - 1992	1V	1.6		C,D	•	•
Jetta (USA/Canada)	1988 - 1992	MF	1.6		C,D	•	•
Jetta (USA/Canada)	1993 - 1995	ACC	1.8		C,D	•	•
Jetta (USA/Canada)	1986 - 1988	GX	1.8		C,D	•	•
Jetta (USA/Canada)	1986 - 1988	PL	1.8		C,D	•	•
Jetta (USA/Canada)	1986 - 1988	RD	1.8		C,D	•	•
Jetta (USA/Canada)	1988 - 1992	PF	1.8		C,D	•	•
Jetta (USA/Canada)	1986 - 1992	RV	1.8		C,D	•	•
Jetta (USA/Canada)	2000 - 2001	AWW	1.8		C,D	•	•
Jetta (USA/Canada)	1992 - 1994	AAZ	1.9		C,D	•	•
Jetta (USA/Canada)	1995 - 2000	AAZ	1.9		C,D	•	•
Jetta (USA/Canada)	1996 - 2000	AHU	1.9		C,D	•	•
Jetta (USA/Canada)	1999 - 2000	ALH	1.9		C,D	•	•
Jetta (USA/Canada)	1989 - 1994	9A	2		C,D	•	•
Jetta (USA/Canada)	1992 - 2000	ABA	2		C,D	•	•
Jetta (USA/Canada)	1999 - 2000	AEG	2		C,D	•	•
Jetta (USA/Canada)	2000 - 2001	AVH	2		C,D	•	•
Jetta (USA/Canada)	2000 - 2001	AZG	2		C,D	•	•
Jetta (USA/Canada)	1993 - 2000	AAA	2.8		C,D	•	•
Jetta (USA/Canada)	1999 - 2000	AFP	2.8		C,D	•	•
LT	1997 - 2003	AGL	2.3		C	•	•
LT	1989 - 1992	1S	2.4		C,D	•	•
LT	1992 - 1995	ACT	2.4		C,D	•	•
LT	1989 - 1991	DW	2.4		C,D	•	•
LT	1988 - 1994	1E	2.4		C,D	•	•
LT	1995 - 1996	1E	2.4		C	•	•
LT	1989 - 1992	1G	2.4		C,D	•	•
LT	1992 - 1995	ACL	2.4		C,D	•	•
LT	1986 - 1992	DL	2.4		C,D	•	•
LT	1989 - 1992	DV	2.4		C,D	•	•
LT	1997 - 2003	AGX	2.5		C	•	•
LT	1997 - 2003	AHD	2.5		C	•	•
LT	1998 - 2009	ANJ	2.5		C	•	•
LT	1999 - 2003	APA	2.5		C	•	•
LT	2000 - 2009	AVR	2.5		C	•	•
LT	2001 - 2009	BBE	2.5		C	•	•
LT	2001 - 2009	BBF	2.5		C	•	•
LT	1997 - 2003	AGK	2.8		C,D	•	•
LT	1999 - 2003	ATA	2.8		C,D	•	•
LT	2001 - 2009	AUH	2.8		C,D	•	•
LT	2003 - 2009	BCQ	2.8		C,D	•	•
Lupo	1998 - 2003	AER	1		C,D	•	•
Lupo	1998 - 2003	AHT	1		C,D	•	•
Lupo	1998 - 2003	ALD	1		C,D	•	•
Lupo	1998 - 2003	ALL	1		C,D	•	•
Lupo	1999 - 2003	ANV	1		C,D	•	•
Lupo	1999 - 2009	AUC	1		C,D	•	•
Lupo	1999 - 2003	ANY	1.2		C,D	•	•
Lupo	2000 - 2003	AYR	1.2		C,D	•	•
Lupo	2000 - 2009	AYZ	1.2		C,D	•	•
Lupo	1999 - 2003	AFK	1.4		C,D	•	•
Lupo	1998 - 2009	AHW	1.4		C,D	•	•
Lupo	1998 - 2003	AKQ	1.4		C,D	•	•
Lupo	1999 - 2001	ANM	1.4		C,D	•	•
Lupo	1999 - 2000	ANW	1.4		C,D	•	•
Lupo	1999 - 2003	APE	1.4		C,D	•	•

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 Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flammable, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Return, H: Hydraulic, L: Lamps, M: Mileage, N: New, P: Power Windows, T: Traction Control, U: Upstream, V: Valve, W: Water, X: X-Drive, Y: Yaw Rate, Z: Z-Drive  
 E: Electronic Body Return, H: Hydraulic, L: Lamps, M: Mileage, N: New, P: Power Windows, T: Traction Control, U: Upstream, V: Valve, W: Water, X: X-Drive, Y: Yaw Rate, Z: Z-Drive  
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# Engine Management Applications

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Lupo	1999 - 2003	AQQ	1.4		C,D	•	•
Lupo	2000 - 2009	ARR	1.4		C,D	•	•
Lupo	2000 - 2003	AUA	1.4		C,D	•	•
Lupo	2000 - 2009	AUB	1.4		C,D	•	•
Lupo	2000 - 2009	AUD	1.4		C,D	•	•
Lupo	2002 - 2009	BBY	1.4		C,D	•	•
Lupo	2005 - 2009	BAH	1.4		C	•	•,T
Lupo	2005 - 2009	BJA	1.4		C	•	•,E,T
Lupo	1999 - 2009	AMF	1.4		C,D	•	•
Lupo	1999 - 2001	ARC	1.6		C,D	•	•
Lupo	2000 - 2009	AVY	1.6		C,D	•	•,T
Lupo	1998 - 2009	AKU	1.7		C,D	•	•
Multivan	2003 - 2010	AXB	1.9		C,D	•	•
Multivan	2008 - 2010	BRS	1.9		C,D	•	•
Multivan	2008 - 2010	BRR	1.9		C,D	•	•
Multivan	2008 - 2010	AXC	1.9		C,D	•	•
Multivan	2004 - 2010	AXA	2		C	•	•
Multivan	2003 - 2010	AXD	2.5		C	•	•
Multivan	2003 - 2010	AXE	2.5		C	•	•
Multivan	2005 - 2005	BDJ	2.5		C	•	•
Multivan	2003 - 2010	BDL	3.2		C	•	•
Multivan	2008 - 2010	BPC	2.5		C,D	•	•,P
Multivan	2008 - 2010	BNZ	2.5		C	•	•,P
Multivan	2008 - 2010	BLJ	2.5		C	•	•
Multivan	2004 - 2010	BKK	3.2		C	•	•
New Beetle	2002 - 2013	BCA	1.4		C,D	•	•,E,T
New Beetle	2000 - 2003	AWH	1.6		C,D	•	•
New Beetle	2000 - 2003	AYD	1.6		C,D	•	•
New Beetle	2003 - 2013	BFS	1.6		C,D	•	•
New Beetle	1998 - 2000	AEB	1.8		C,D	•	•
New Beetle	1998 - 2000	APH	1.8		C,D	•	•
New Beetle	1999 - 2003	AVC	1.8		C,D	•	•
New Beetle	2003 - 2009	AWP	1.8		C,D	•	•
New Beetle	2000 - 2013	AWU	1.8		C,D	•	•
New Beetle	2000 - 2005	AWV	1.8		C,D	•	•
New Beetle	2001 - 2001	AYN	1.8		C,D	•	•
New Beetle	2003 - 2003	AGR	1.9		C,D	•	•
New Beetle	1998 - 2005	ALH	1.9		C,D	•	•
New Beetle	2001 - 2005	ATD	1.9		C,D	•	•
New Beetle	2004 - 2005	BEW	1.9		C,D	•	•
New Beetle	2004 - 2005	AXR	1.9		C,D	•	•
New Beetle	2008 - 2013	BSW	1.9		C	•	•
New Beetle	2008 - 2009	BRT	1.9		C,D	•	•
New Beetle	1998 - 2001	AEG	2		C,D	•	•
New Beetle	2011 - 2013	CCTA	2		C,D	•	•
New Beetle	1999 - 2001	APK	2		C,D	•	•
New Beetle	1998 - 2003	AQY	2		C,D	•	•
New Beetle	2000 - 2001	AVH	2		C,D	•	•
New Beetle	2000 - 2001	AZG	2		C,D	•	•
New Beetle	2002 - 2013	AZJ	2		C,D	•	•
New Beetle	2003 - 2005	BDC	2		C,D	•	•
New Beetle	2003 - 2003	BEJ	2		C,D	•	•
New Beetle	2003 - 2009	BER	2		C,D	•	•
New Beetle	2004 - 2013	BEV	2		C,D	•	•
New Beetle	2004 - 2009	BHP	2		C,D	•	•
New Beetle	2004 - 2005	BGD	2		C,D	•	•
New Beetle	2010 - 2013	CBPA	2		C	•	•
New Beetle	2010 - 2013	CFEA	2		C	•	•
New Beetle	2001 - 2005	AQN	2.3		C,D	•	•

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
New Beetle	2008 - 2013	BPS	2.5		C	•	•
New Beetle	2000 - 2001	AXJ	3.2		C,D	•	•
New Jetta/Vento/Bora	2008 - 2013	BTK	2.5		C,D	•	•
New Jetta/Vento/Bora	2009 - 2013	CAWB	2.0L MPI		C,D	•	•,I
New Jetta/Vento/Bora	2008 - 2013	BWA	2		C,D	•	•,E,T
New Jetta/Vento/Bora	2008 - 2013	BVZ	2		C,D	•	•,E,T
New Jetta/Vento/Bora	2008 - 2013	BVY	2		C,D	•	•,E,T
New Jetta/Vento/Bora	2008 - 2013	BPY	2		C,D	•	•
New Jetta/Vento/Bora	2008 - 2009	BLY	2		C,D	•	•
New Jetta/Vento/Bora	2008 - 2009	BLR	2		C,D	•	•
New Jetta/Vento/Bora	2008 - 2009	BMM	2		C,D	•	•,P
New Jetta/Vento/Bora	2008 - 2009	AZV	2		C,D	•	•
New Jetta/Vento/Bora	2008 - 2009	BDK	2		C	•	•
New Jetta/Vento/Bora	2009 - 2013	CBDA	2.0L TDI-CR		C,D	•	•,I
New Jetta/Vento/Bora	2009 - 2013	CBDB	2.0L TDI-CR		C,D	•	•,I
New Jetta/Vento/Bora	2008 - 2013	BLS	1.9		C,D	•	•,P
New Jetta/Vento/Bora	2008 - 2009	BKC	1.9		C,D	•	•,P
New Jetta/Vento/Bora	2008 - 2013	BXE	1.9		C,D	•	•,P
New Jetta/Vento/Bora	2008 - 2013	BSF	1.6		C,D	•	•,E,T
New Jetta/Vento/Bora	2008 - 2013	BSE	1.6		C,D	•	•,E,T
New Jetta/Vento/Bora	2008 - 2009	BLF	1.6		C,D	•	•,E,T
New Jetta/Vento/Bora	2009 - 2013	CAYB	1.6 TDI-CR		C,D	•	•,I,P
New Jetta/Vento/Bora	2009 - 2013	CAYC	1.6 TDI-CR		C,D	•	•,I,P
New Jetta/Vento/Bora	2009 - 2013	CCSA	1.6 MPI		C,D	•	•,E,T
New Jetta/Vento/Bora	2009 - 2013	CAXA	1.4 Mpi		C,D	•	•,E,T
New Jetta/Vento/Bora	2009 - 2013	CAVD	1.4 Mpi		C,D	•	•,E,T
Passat	2009 - 2013	CAXA	1.4 Mpi		C,D	•	•,E,T
Passat	1986 - 1988	EP	1.3		C,D	•	•
Passat	1991 - 1992	ABN	1.6		C,D	•	•
Passat	1986 - 1987	DT	1.6		C,D	•	•
Passat	1986 - 1987	DTA	1.6		C,D	•	•
Passat	1988 - 1991	EZ	1.6		C,D	•	•
Passat	1986 - 1987	JU	1.6		C,D	•	•
Passat	1987 - 1988	PP	1.6		C,D	•	•
Passat	1988 - 1989	RF	1.6		C,D	•	•
Passat	1986 - 1988	RL	1.6		C,D	•	•
Passat	1988 - 1990	1F	1.6		C,D	•	•
Passat	1996 - 1998	ADP	1.6		C,D	•	•
Passat	1994 - 1997	AEK	1.6		C,D	•	•
Passat	1995 - 1997	AFT	1.6		C,D	•	•
Passat	1996 - 2001	AHL	1.6		C,D	•	•
Passat	1997 - 1998	ALC	1.6		C,D	•	•
Passat	2001 - 2009	ALZ	1.6		C,D	•	•
Passat	1999 - 2001	ANA	1.6		C,D	•	•
Passat	1998 - 2001	ARM	1.6		C,D	•	•
Passat	1999 - 2000	AUT	1.6		C,D	•	•
Passat	1986 - 1988	CY	1.6		C,D	•	•
Passat	1988 - 1989	RA	1.6		C,D	•	•
Passat	1988 - 1993	SB	1.6		C,D	•	•
Passat	2008 - 2009	BLF	1.6		C	•	•,E,T
Passat	2008 - 2013	BSF	1.6		C,D	•	•,E,T
Passat	2008 - 2013	BSE	1.6		C,D	•	•,E,T
Passat	2009 - 2013	CAYC	1.6 TDI-CR		C,D	•	•,I
Passat	2010 - 2013	CDAA	1.8		C	•	•
Passat	2011 - 2013	CDAB	1.8		C	•	•
Passat	1986 - 1988	DS	1.8		C,D	•	•
Passat	1986 - 1987	JV	1.8		C,D	•	•
Passat	1986 - 1988	RM	1.8		C,D	•	•
Passat	1990 - 1998	AAM	1.8		C,D	•	•

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Return, RA: Reset Adaptations, S: Steering Angle Sensor, E: Inertia Body Return, JA: Jumper or Type Sent Auto, \* Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4 - Bold text indicates the system or function updated. © 2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Passat	1991 - 1995	ABS	1.8		C,D	•	•
Passat	1994 - 1997	ADZ	1.8		C,D	•	•
Passat	2000 - 2001	AFY	1.8		C,D	•	•
Passat	1988 - 1990	RP	1.8		C,D	•	•
Passat	1991 - 1992	RP	1.8		C,D	•	•
Passat	1988 - 1992	KR	1.8		C,D	•	•
Passat	1986 - 1988	JN	1.8		C,D	•	•
Passat	1988 - 1992	PL	1.8		C,D	•	•
Passat	1996 - 1998	ADR	1.8		C,D	•	•
Passat	1997 - 2000	AFY	1.8		C,D	•	•
Passat	2000 - 2009	ANQ	1.8		C,D	•	•
Passat	1999 - 2001	APT	1.8		C,D	•	•
Passat	1998 - 1999	APW	1.8		C,D	•	•
Passat	1999 - 2001	ARG	1.8		C,D	•	•
Passat	1988 - 1990	PB	1.8		C,D	•	•
Passat	1988 - 1992	PF	1.8		C,D	•	•
Passat	1996 - 2000	AEB	1.8		C,D	•	•
Passat	1999 - 2001	ANB	1.8		C,D	•	•
Passat	1999 - 2001	APU	1.8		C,D	•	•
Passat	1999 - 2000	ATW	1.8		C,D	•	•
Passat	2000 - 2001	AUG	1.8		C,D	•	•
Passat	2000 - 2009	AWL	1.8		C,D	•	•
Passat	2001 - 2009	AWM	1.8		C,D	•	•
Passat	2001 - 2009	AWT	1.8		C,D	•	•
Passat	2003 - 2003	BGC	1.8		C,D	•	•
Passat	1989 - 1993	PG	1.8		C,D	•	•
Passat	1989 - 1993	1Y	1.9		C,D	•	•
Passat	1991 - 1998	AAZ	1.9		C,D	•	•
Passat	1993 - 1998	1Z	1.9		C,D	•	•
Passat	1996 - 2000	AFN	1.9		C,D	•	•
Passat	1997 - 2001	AHH	1.9		C,D	•	•
Passat	1996 - 2001	AHU	1.9		C,D	•	•
Passat	1999 - 2001	AJM	1.9		C,D	•	•
Passat	2000 - 2001	ASU	1.9		C,D	•	•
Passat	2000 - 2001	ATJ	1.9		C,D	•	•
Passat	2000 - 2009	AVB	1.9		C,D	•	•
Passat	2000 - 2009	AVF	1.9		C,D	•	•
Passat	1998 - 2001	AVG	1.9		C,D	•	•
Passat	2000 - 2009	AWX	1.9		C,D	•	•
Passat	2005 - 2009	BKC	1.9		C,D	•	•,P
Passat	2005 - 2009	BMP	1.9		C,D	•	•,P
Passat	2005 - 2009	BMA	1.9		C,D	•	•
Passat	2005 - 2009	BKP	2		C	•	•
Passat	2005 - 2009	BLS	1.9		C,D	•	•,P
Passat	2009 - 2013	CAWB	2.0L MPI		C,D	•	•,I
Passat	2009 - 2013	CCZB	2.0L MPI		C	•	•,I
Passat	2009 - 2013	CBAC	2.0L TDI-CR		C,D	•	•,I
Passat	2009 - 2013	CBAA	2.0L TDI-CR		C,D	•	•,I
Passat	2009 - 2013	CBAB	2.0L TDI-CR		C,D	•	•,I
Passat	2009 - 2013	CBBB	2.0L TDI-CR		C,D	•	•,I
Passat	2009 - 2013	CBDC	2.0L TDI-CR		C,D	•	•,I
Passat	1990 - 1991	AAW	2		C,D	•	•
Passat	1986 - 1987	HP	2		C,D	•	•
Passat	1986 - 1988	JS	2		C,D	•	•
Passat	1990 - 1991	2E	2		C,D	•	•
Passat	1992 - 1995	2E	2		C,D	•	•
Passat	1988 - 1993	9A	2		C,D	•	•
Passat	1996 - 1998	ABA	2		C,D	•	•
Passat	1993 - 1998	ABF	2		C,D	•	•

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Passat	1994 - 1995	ACX	2		C,D	•	•
Passat	1994 - 1998	ADY	2		C,D	•	•
Passat	1995 - 1997	AEP	2		C,D	•	•
Passat	2005 - 2013	AXX	2		C	•	•
Passat	1995 - 1997	AGG	2		C,D	•	•
Passat	2002 - 2009	ALT	2		C,D	•	•
Passat	2000 - 2001	AUZ	2		C,D	•	•
Passat	2000 - 2001	AVA	2		C,D	•	•
Passat	2000 - 2009	AZM	2		C,D	•	•
Passat	2003 - 2009	BFF	2		C,D	•	•
Passat	2004 - 2009	BGW	2		C,D	•	•
Passat	2004 - 2009	BHW	2		C,D	•	•
Passat	2008 - 2009	BWV	2		C,D	•	•
Passat	2008 - 2009	BE	2		C,D	•	•
Passat	2008 - 2009	BMR	2		C,D	•	•,P
Passat	2008 - 2013	BLR	2		C,D	•	•
Passat	2008 - 2013	BLY	2		C,D	•	•
Passat	2008 - 2013	BLX	2		C,D	•	•
Passat	2008 - 2013	BVX	2		C,D	•	•
Passat	2008 - 2013	BVZ	2		C,D	•	•,E,T
Passat	2008 - 2013	BVY	2		C,D	•	•,E,T
Passat	2008 - 2013	BWA	2		C,D	•	•,E,T
Passat	2010 - 2010	CCZA	2.0L MPI		C	•	•,E,T
Passat	1986 - 1988	HY	2.2		C,D	•	•
Passat	1986 - 1988	KV	2.2		C,D	•	•
Passat	1986 - 1988	JT	2.2		C,D	•	•
Passat	1986 - 1988	KX	2.2		C,D	•	•
Passat	1996 - 2001	AGZ	2.3		C,D	•	•
Passat	2001 - 2009	AZX	2.3		C,D	•	•
Passat	1998 - 2001	AFB	2.5		C,D	•	•
Passat	1998 - 2003	AKN	2.5		C,D	•	•
Passat	2003 - 2009	BAU	2.5		C,D	•	•
Passat	2004 - 2009	BDG	2.5		C,D	•	•
Passat	2003 - 2009	BDH	2.5		C,D	•	•
Passat	1990 - 1998	AAA	2.8		C,D	•	•
Passat	1996 - 1998	ACK	2.8		C,D	•	•
Passat	1996 - 1998	AFA	2.8		C,D	•	•
Passat	1997 - 2000	AGE	2.8		C,D	•	•
Passat	1994 - 2000	AHA	2.8		C,D	•	•
Passat	1997 - 2000	ALG	2.8		C,D	•	•
Passat	1999 - 2009	AMX	2.8		C,D	•	•
Passat	1999 - 2001	APR	2.8		C,D	•	•
Passat	1999 - 2001	AQD	2.8		C,D	•	•
Passat	1999 - 2009	ATQ	2.8		C,D	•	•
Passat	1999 - 2001	ATX	2.8		C,D	•	•
Passat	2000 - 2009	BBG	2.8		C,D	•	•
Passat	1993 - 1998	ABV	2.9		C,D	•	•
Passat	2008 - 2010	AXZ	3.2		C	•	•
Passat	2002 - 2009	BDN	4		C,D	•	•
Passat	2002 - 2009	BDP	4		C,D	•	•
Passat CC	2009 - 2013	CGYA	1.8 Mpi		C	•	•
Passat CC	2009 - 2013	CDAB	1.8 Mpi		C	•	•
Passat CC	2009 - 2013	CDA	1.8 Mpi		C	•	•
Passat CC	2009 - 2013	CAWB	2.0L Mpi		C,D	•	•
Passat CC	2009 - 2013	CCTB	2.0L Mpi		C,D	•	•,T
Passat CC	2009 - 2013	CCZA	2.0L Mpi		C,D	•	•,T
Passat CC	2009 - 2013	CBAC	2.0L TDI CR		C,D	•	•,I
Passat CC	2009 - 2013	CBAA	2.0L TDI CR		C,D	•	•,I
Passat CC	2009 - 2013	CBAB	2.0L TDI CR		C,D	•	•,I

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 Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flywheel, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, E- Inertia Body Relearn, JA- Jumper or Type Sem Auto, \*- Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Passat CC	2009 - 2013	CBBB	2.0L TDI CR		C,D	•	•,I
Phaeton	2004 - 2009	ADD	1.8		C,D	•	•
Phaeton	2004 - 2009	AGR	1.9		C,D	•	•
Phaeton	2010 - 2013	CARA	3		C	•	•
Phaeton	2010 - 2013	CEXA	3		C	•	•
Phaeton	2005 - 2013	BMK	3		C	•	•,P
Phaeton	2003 - 2013	AYT	3.2		C,D	•	•
Phaeton	2004 - 2013	BKL	3.2		C,D	•	•
Phaeton	2005 - 2013	BRK	3.2		C	•	•
Phaeton	2004 - 2013	BGH	4.2		C,D	•	•
Phaeton	2003 - 2009	BGJ	4.2		C,D	•	•
Phaeton	2003 - 2013	AJS	5		C,D	•	•
Phaeton	2003 - 2009	BAN	6		C,D	•	•
Phaeton	2003 - 2009	BAP	6		C,D	•	•
Phaeton	2005 - 2013	BRN	6		C	•	•
Polo	1992 - 1993	ACM	1		C,D	•	•
Polo	1986 - 1992	HZ	1		C,D	•	•
Polo	1989 - 1990	AAK	1		C,D	•	•
Polo	1990 - 1994	AAU	1		C,D	•	•
Polo	1994 - 1996	AEV	1		C,D	•	•
Polo	1996 - 1998	AER	1		C,D	•	•
Polo	1999 - 2003	ALD	1		C,D	•	•
Polo	1997 - 2001	ALL	1		C,D	•	•
Polo	1999 - 2001	ANV	1		C,D	•	•
Polo	2003 - 2004	ARA	1		C,D	•	•
Polo	1999 - 2003	AUC	1		C,D	•	•
Polo	2011 - 2013	CBZA	1.2		C,D	•	•,T
Polo	2011 - 2013	CBZB	1.2		C,D	•	•,T
Polo	2010 - 2013	CGPA	1.2		C,D	•	•,T
Polo	2010 - 2013	CGPB	1.2		C,D	•	•,T
Polo	2010 - 2013	CHFA	1.2		C,D	•	•,T
Polo	2011 - 2013	CFWA	1.2		C,D	•	•,T
Polo	2002 - 2004	AWY	1.2		C,D	•	•
Polo	2002 - 2009	AZQ	1.2		C,D	•	•,E,T
Polo	2005 - 2009	BMD	1.2		C,D	•	•,T
Polo	2005 - 2009	BME	1.2		C,D	•	•,T
Polo	1989 - 1994	2G	1.3		C,D	•	•
Polo	1986 - 1990	GK	1.3		C,D	•	•
Polo	1986 - 1988	MH	1.3		C,D	•	•
Polo	1986 - 1987	NU	1.3		C,D	•	•
Polo	1991 - 1994	AAV	1.3		C,D	•	•
Polo	1994 - 1998	ADX	1.3		C,D	•	•
Polo	1986 - 1990	MN	1.3		C,D	•	•
Polo	1989 - 1990	3F	1.3		C,D	•	•
Polo	1991 - 1994	3F	1.3		C,D	•	•
Polo	1987 - 1990	NZ	1.3		C,D	•	•
Polo	1987 - 1990	PY	1.3		C,D	•	•
Polo	1991 - 1994	PY	1.3		C,D	•	•
Polo	2011 - 2013	CAVE	1.4		C	•	•
Polo	1990 - 1994	1W	1.4		C,D	•	•
Polo	1995 - 1998	AEX	1.4		C,D	•	•
Polo	1996 - 2001	AFH	1.4		C,D	•	•
Polo	1999 - 2003	AFK	1.4		C,D	•	•
Polo	2003 - 2003	AGY	1.4		C,D	•	•
Polo	1998 - 2003	AHW	1.4		C,D	•	•
Polo	1998 - 2003	AKK	1.4		C,D	•	•
Polo	1998 - 2003	AKP	1.4		C,D	•	•
Polo	1997 - 2001	AKV	1.4		C,D	•	•
Polo	1998 - 2001	ANW	1.4		C,D	•	•

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Polo	1998 - 2001	ANX	1.4		C,D	•	•
Polo	1999 - 2001	APE	1.4		C,D	•	•
Polo	1998 - 2001	APQ	1.4		C,D	•	•
Polo	1999 - 2001	AQQ	1.4		C,D	•	•
Polo	1999 - 2003	AUA	1.4		C,D	•	•
Polo	1999 - 2003	AUB	1.4		C,D	•	•
Polo	1999 - 2003	AUD	1.4		C,D	•	•
Polo	2002 - 2009	AXU	1.4		C,D	•	•,T
Polo	2002 - 2004	BBY	1.4		C,D	•	•
Polo	2002 - 2009	BBZ	1.4		C,D	•	•
Polo	2003 - 2003	BCC	1.4		C,D	•	•
Polo	2004 - 2013	BLM	1.4		C,D	•	•,T
Polo	2008 - 2009	BNM	1.4		C,D	•	•
Polo	1998 - 2004	AMF	1.4		C,D	•	•
Polo	2000 - 2003	ATL	1.4		C,D	•	•
Polo	2002 - 2009	BAY	1.4		C,D	•	•
Polo	2005 - 2013	BKY	1.4		C	•	•
Polo	2008 - 2009	BNV	1.4		C,D	•	•
Polo	2010 - 2013	BMS	1.4		C,D	•	•
Polo	1994 - 1996	AEA	1.6		C,D	•	•
Polo	1995 - 1998	AEE	1.6		C,D	•	•
Polo	1995 - 2001	AFT	1.6		C,D	•	•
Polo	2003 - 2003	AFX	1.6		C,D	•	•
Polo	1995 - 2001	AHS	1.6		C,D	•	•
Polo	1998 - 2001	AJV	1.6		C,D	•	•
Polo	1998 - 2001	ALM	1.6		C,D	•	•
Polo	1999 - 2003	ARC	1.6		C,D	•	•
Polo	2000 - 2001	AUR	1.6		C,D	•	•
Polo	2000 - 2003	AVY	1.6		C,D	•	•,T
Polo	2003 - 2013	BAH	1.6		C,D	•	•,T
Polo	2008 - 2013	BPA	1.6		C,D	•	•,E,T
Polo	2003 - 2003	BCD	1.6		C,D	•	•
Polo	2004 - 2004	UNF	1.6		C,D	•	•
Polo	2003 - 2004	UVC	1.6		C,D	•	•
Polo	2010 - 2013	CAYA	1.6 TDI-CR		C,D	•	•,I,P
Polo	2010 - 2013	CAYB	1.6 TDI-CR		C,D	•	•,I,P
Polo	2010 - 2013	CAYC	1.6 TDI-CR		C,D	•	•,I,P
Polo	2010 - 2010	CGGB	1.6 TDI-CR		C,D	•	•,I,P
Polo	2011 - 2013	CLNA	1.6 TDI-CR		C,D	•	•,I,P
Polo	1997 - 2001	AHG	1.7		C,D	•	•
Polo	1997 - 2003	AKU	1.7		C,D	•	•
Polo	2003 - 2003	ADD	1.8		C,D	•	•
Polo	2003 - 2003	AFV	1.8		C,D	•	•
Polo	2004 - 2004	BHG	1.8		C,D	•	•
Polo	2004 - 2004	BJY	1.8		C,D	•	•
Polo	2008 - 2009	BJX	1.8		C	•	•
Polo	2003 - 2004	USE	1.8		C,D	•	•
Polo	2003 - 2004	USF	1.8		C,D	•	•
Polo	1995 - 1995	1Y	1.9		C,D	•	•
Polo	1996 - 1998	1Y	1.9		C,D	•	•
Polo	1994 - 2003	AEF	1.9		C,D	•	•
Polo	1995 - 2001	AEY	1.9		C,D	•	•
Polo	1996 - 2003	AGD	1.9		C,D	•	•
Polo	2003 - 2003	AGP	1.9		C,D	•	•
Polo	1997 - 2001	AKW	1.9		C,D	•	•
Polo	2000 - 2003	ASX	1.9		C,D	•	•
Polo	2002 - 2013	ASY	1.9		C,D	•	•
Polo	2004 - 2004	ASZ	1.9		C,D	•	•
Polo	2003 - 2003	AYQ	1.9		C,D	•	•

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPF, P: Particulate Filter, R: Relearn, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Relearn, JA: Jumper or Type Semi Auto, \* Other (see table on page 26) Data grey lines indicate new content at 1.4 - 4. Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Engine Management Applications

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Polo	1998 - 2001	AFN	1.9		C,D	•	•
Polo	2003 - 2003	AGR	1.9		C,D	•	•
Polo	1996 - 2001	AHU	1.9		C,D	•	•
Polo	1997 - 2001	ALE	1.9		C,D	•	•
Polo	2002 - 2004	ATD	1.9		C,D	•	•
Polo	2002 - 2009	AXR	1.9		C,D	•	•
Polo	2005 - 2009	BLT	1.9		C	•	•
Polo	1998 - 2001	ADC	2		C,D	•	•
Polo	2003 - 2013	BBX	2		C,D	•	•
Polo	2010 - 2013	CFEA	2.0 L MPI		C	•	•,E,T
Polo Classic/Sedan	1995 - 1998	AEX	1.4		C,D	•	•
Polo Classic/Sedan	1999 - 2003	AKK	1.4		C,D	•	•
Polo Classic/Sedan	1997 - 2001	AKV	1.4		C,D	•	•
Polo Classic/Sedan	1998 - 2003	ANW	1.4		C,D	•	•
Polo Classic/Sedan	1998 - 2001	ANX	1.4		C,D	•	•
Polo Classic/Sedan	1999 - 2003	APE	1.4		C,D	•	•
Polo Classic/Sedan	1998 - 2001	APQ	1.4		C,D	•	•
Polo Classic/Sedan	1999 - 2003	AUA	1.4		C,D	•	•
Polo Classic/Sedan	1999 - 2003	AUD	1.4		C,D	•	•
Polo Classic/Sedan	1995 - 1998	1F	1.6		C,D	•	•
Polo Classic/Sedan	1995 - 2001	AEE	1.6		C,D	•	•
Polo Classic/Sedan	1999 - 2003	AEH	1.6		C,D	•	•
Polo Classic/Sedan	1995 - 2001	AFT	1.6		C,D	•	•
Polo Classic/Sedan	1999 - 2003	AKL	1.6		C,D	•	•
Polo Classic/Sedan	1995 - 2003	ALM	1.6		C,D	•	•
Polo Classic/Sedan	1999 - 2003	APF	1.6		C,D	•	•
Polo Classic/Sedan	2000 - 2003	AUR	1.6		C,D	•	•
Polo Classic/Sedan	1996 - 2001	AHB	1.7		C,D	•	•
Polo Classic/Sedan	1997 - 2001	AKU	1.7		C,D	•	•
Polo Classic/Sedan	1998 - 2003	ADD	1.8		C,D	•	•
Polo Classic/Sedan	1997 - 2001	ADZ	1.8		C,D	•	•
Polo Classic/Sedan	1995 - 1998	1Y	1.9		C,D	•	•
Polo Classic/Sedan	1996 - 1998	AEF	1.9		C,D	•	•
Polo Classic/Sedan	1995 - 2001	AEY	1.9		C,D	•	•
Polo Classic/Sedan	1999 - 2003	AGP	1.9		C,D	•	•
Polo Classic/Sedan	1997 - 2001	AKW	1.9		C,D	•	•
Polo Classic/Sedan	1999 - 2003	AQM	1.9		C,D	•	•
Polo Classic/Sedan	1998 - 2001	AFN	1.9		C,D	•	•
Polo Classic/Sedan	1999 - 2003	AGR	1.9		C,D	•	•
Polo Classic/Sedan	1996 - 2001	AHU	1.9		C,D	•	•
Polo Classic/Sedan	1997 - 2001	ALE	1.9		C,D	•	•
Polo Classic/Sedan	1999 - 2003	ALH	1.9		C,D	•	•
Polo Classic/Sedan	1999 - 2001	ASK	1.9		C,D	•	•
Polo Classic/Sedan	1999 - 2003	ASV	1.9		C,D	•	•
Polo Classic/Sedan	1999 - 2003	ADC	2		C,D	•	•
Polo Variant	1998 - 2000	AEX	1.4		C,D	•	•
Polo Variant	1999 - 2003	AKK	1.4		C,D	•	•
Polo Variant	1998 - 2001	AKV	1.4		C,D	•	•
Polo Variant	1998 - 2003	ANW	1.4		C,D	•	•
Polo Variant	1998 - 2001	ANX	1.4		C,D	•	•
Polo Variant	1999 - 2003	APE	1.4		C,D	•	•
Polo Variant	1998 - 2001	APQ	1.4		C,D	•	•
Polo Variant	1999 - 2003	AUA	1.4		C,D	•	•
Polo Variant	1999 - 2003	AUD	1.4		C,D	•	•
Polo Variant	1998 - 1998	1F	1.6		C,D	•	•
Polo Variant	1998 - 2001	AEE	1.6		C,D	•	•
Polo Variant	1999 - 2003	AEH	1.6		C,D	•	•
Polo Variant	1998 - 2001	AFT	1.6		C,D	•	•
Polo Variant	1999 - 2003	AKL	1.6		C,D	•	•

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Polo Variant	1995 - 2003	ALM	1.6		C,D	•	•
Polo Variant	1999 - 2003	APF	1.6		C,D	•	•
Polo Variant	2000 - 2003	AUR	1.6		C,D	•	•
Polo Variant	1998 - 2001	1Y	1.9		C,D	•	•
Polo Variant	1998 - 2001	AEY	1.9		C,D	•	•
Polo Variant	1999 - 2003	AGP	1.9		C,D	•	•
Polo Variant	1998 - 2001	AKW	1.9		C,D	•	•
Polo Variant	1999 - 2003	AQM	1.9		C,D	•	•
Polo Variant	1998 - 2001	AFN	1.9		C,D	•	•
Polo Variant	1999 - 2003	AGR	1.9		C,D	•	•
Polo Variant	1998 - 2001	AHU	1.9		C,D	•	•
Polo Variant	2000 - 2001	ALE	1.9		C,D	•	•
Polo Variant	1999 - 2003	ALH	1.9		C,D	•	•
Polo Variant	1999 - 2003	ASV	1.9		C,D	•	•
Quantum	1986 - 1988	JT	2.2		C,D	•	•
Quantum	1986 - 1988	KX	2.2		C,D	•	•
Santana	1986 - 1988	EP	1.3		C,D	•	•
Santana	1986 - 1987	DT	1.6		C,D	•	•
Santana	1986 - 1987	DTA	1.6		C,D	•	•
Santana	1986 - 1987	JU	1.6		C,D	•	•
Santana	1986 - 1988	JK	1.6		C,D	•	•
Santana	1986 - 1988	CY	1.6		C,D	•	•
Santana	1986 - 1988	DS	1.8		C,D	•	•
Santana	1986 - 1987	JV	1.8		C,D	•	•
Santana	1986 - 1988	JN	1.8		C,D	•	•
Santana	2003 - 2004	UDJ	1.8		C,D	•	•
Santana	2003 - 2004	UEE	1.8		C,D	•	•
Santana	2003 - 2004	UQH	2		C,D	•	•
Santana	1986 - 1987	HP	2		C,D	•	•
Santana	1986 - 1988	JS	2		C,D	•	•
Scirocco	1986 - 1991	EW	1.6		C,D	•	•
Scirocco	1986 - 1991	EWA	1.6		C,D	•	•
Scirocco	1986 - 1990	RE	1.6		C,D	•	•
Scirocco	1986 - 1992	EX	1.8		C,D	•	•
Scirocco	1986 - 1992	DX	1.8		C,D	•	•
Scirocco	1986 - 1992	JH	1.8		C,D	•	•
Scirocco	1986 - 1989	KR	1.8		C,D	•	•
Scirocco	1986 - 1987	KT	1.8		C,D	•	•
Scirocco	1986 - 1992	PL	1.8		C,D	•	•
Scirocco(New)	2009 - 2013	CAVD	1.4 MPI		C,D	•	•,E,T
Scirocco(New)	2009 - 2013	CAXA	1.6 MPI		C,D	•	•,E,T
Scirocco(New)	2009 - 2013	CAWB	2.0 MPI		C,D	•	•,E,T
Scirocco(New)	2009 - 2013	CBDB	2.0L TDI-CR		C,D	•	•,I
Scirocco(New)	2009 - 2013	CBBB	2.0L TDI-CR		C,D	•	•,I
Sharan	2011 - 2013	CAVA	1.4		C	•	•
Sharan	1997 - 2001	AJH	1.8		C,D	•	•
Sharan	1996 - 1998	AEB	1.8		C,D	•	•
Sharan	1996 - 1998	AGU	1.8		C,D	•	•
Sharan	2000 - 2013	AWC	1.8		C,D	•	•
Sharan	1995 - 1998	1Z	1.9		C,D	•	•
Sharan	1995 - 2001	AFN	1.9		C,D	•	•
Sharan	1995 - 2001	AHU	1.9		C,D	•	•
Sharan	1999 - 2013	ANU	1.9		C,D	•	•
Sharan	2003 - 2013	ASZ	1.9		C,D	•	•
Sharan	2000 - 2013	AUY	1.9		C,D	•	•
Sharan	1998 - 2001	AVG	1.9		C,D	•	•
Sharan	2008 - 2013	BRT	1.9		C,D	•	•
Sharan	2008 - 2013	BVK	1.9		C,D	•	•
Sharan	2005 - 2013	BTB	1.9		C,D	•	•

# Engine Management Applications

VW	Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Sharan		2011 - 2013	CZZA	2		C	•	•
Sharan		1996 - 1998	ABF	2		C,D	•	•
Sharan		1995 - 2001	ADY	2		C,D	•	•
Sharan		2000 - 2012	ATM	2		C,D	•	•
Sharan		2008 - 2013	BVH	2		C,D	•	•
Sharan		1995 - 1998	AAA	2.8		C,D	•	•
Sharan		1998 - 2001	AMY	2.8		C,D	•	•
Sharan		2000 - 2013	AYL	2.8		C,D	•	•
Taro		1989 - 1998	2Y	1.8		C,D	•	•
Taro		1989 - 1998	4Y	2.2		C,D	•	•
Taro		1989 - 1998	2L	2.4		C,D	•	•
Taro		1989 - 1998	22R	2.4		C,D	•	•
TIGUAN		2010 - 2013	CAWA	2.0L MPI		C,D	•	•,E,T
TIGUAN		2009 - 2013	CAWB	2.0L MPI		C,D	•	•,E,T
TIGUAN		2009 - 2013	CBAB	2.0L TDI-CR		C,D	•	•,I
TIGUAN		2009 - 2013	CBBB	2.0L TDI-CR		C,D	•	•,I
TIGUAN		2009 - 2013	CBBA	2.0L TDI-CR		C,D	•	•,I
TIGUAN		2009 - 2013	CBAA	2.0L TDI-CR		C,D	•	•,I
TIGUAN		2009 - 2009	CCTA	2.0L MPI		C,D	•	•,E,T
TIGUAN		2010 - 2013	CCZA	2.0L MPI		C	•	•,E,T
TIGUAN		2010 - 2013	CCZC	2.0L MPI		C	•	•,E,T
TIGUAN		2011 - 2013	CAVA	1.4L MPI		C	•	•,E,T
TIGUAN		2011 - 2013	CAXA	1.4L MPI		C	•	•,E,T
TIGUAN		2011 - 2013	CFFA	2.0L TDI-CR		C,D	•	•,I,P
TIGUAN		2011 - 2013	CFFD	2.0L TDI-CR		C,D	•	•,I,P
TIGUAN		2011 - 2013	CFGB	2.0L TDI-CR		C,D	•	•,I,P
TIGUAN		2011 - 2013	CFFB	2.0L TDI-CR		C,D	•	•,I,P
Touareg		2003 - 2013	BAC	2.5		C,D	•	•
Touareg		2003 - 2013	BPD	2.5		C	•	•
Touareg		2003 - 2013	BPE	2.5		C	•	•
Touareg		2004 - 2013	BLK	2.5		C,D	•	•
Touareg		2010 - 2013	CASA	3.0L TDI		C,D	•	•
Touareg		2010 - 2013	CASB	3.0L TDI		C,D	•	•
Touareg		2010 - 2013	CASC	3.0L TDI		C,D	•	•
Touareg		2010 - 2013	CATA	3.0L TDI		C,D	•	•
Touareg		2010 - 2013	BUN	3.0L TDI		C,D	•	•,P
Touareg		2005 - 2013	BKS	3		C	•	•,P
Touareg		2003 - 2013	AZZ	3.2		C,D	•	•
Touareg		2003 - 2009	BAA	3.2		C,D	•	•
Touareg		2003 - 2013	BMV	3.2		C,D	•	•
Touareg		2003 - 2013	BKJ	3.2		C,D	•	•
Touareg		2005 - 2009	BMJ	3.2		C	•	•
Touareg		2005 - 2010	BRJ	3.2		C	•	•
Touareg		2003 - 2009	AXQ	4.2		C,D	•	•
Touareg		2010 - 2013	BAR	4.2		C	•	•
Touareg		2003 - 2013	AYH	5		C,D	•	•
Touareg		2004 - 2009	BKW	5		C,D	•	•
Touareg		2005 - 2013	BLE	5		C	•	•
Touareg		2005 - 2013	BJN	6		C	•	•
Touran		2011 - 2013	CBZB	1.2		C,D	•	•
Touran		2010 - 2013	CAVC	1.4		C	•	•
Touran		2010 - 2013	CAVB	1.4		C	•	•
Touran		2008 - 2013	BMV	1.4		C	•	•
Touran		2003 - 2005	BAG	1.6		C	•	•
Touran		2004 - 2013	BGU	1.6		C,D	•	•,T
Touran		2005 - 2013	BLF	1.6		C	•	•,E,T
Touran		2005 - 2005	BLP	1.6		C	•	•
Touran		2005 - 2013	BSE	1.6		C,D	•	•,E,T
Touran		2005 - 2013	BSF	1.6		C,D	•	•,E,T

VW	Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Touran		2011 - 2013	CAYB	1.6		C,D	•	•,I,P
Touran		2011 - 2013	CAYC	1.6		C,D	•	•,I,P
Touran		2003 - 2013	AVQ	1.9		C	•	•
Touran		2004 - 2013	BKC	1.9		C,D	•	•,P
Touran		2004 - 2013	BRU	1.9		C,D	•	•
Touran		2008 - 2013	BLS	1.9		C,D	•	•,P
Touran		2008 - 2013	BXE	1.9		C,D	•	•,P
Touran		2004 - 2013	AXW	2		C	•	•
Touran		2003 - 2013	AZV	2		C,D	•	•
Touran		2003 - 2013	BLX	2		C,D	•	•
Touran		2003 - 2013	BVY	2		C,D	•	•,E,T
Touran		2003 - 2013	BVX	2		C,D	•	•
Touran		2003 - 2013	BVZ	2		C,D	•	•,E,T
Touran		2004 - 2013	BKD	2		C,D	•	•,P
Touran		2008 - 2013	BMM	2		C,D	•	•,P
Touran		2008 - 2013	BLR	2		C,D	•	•
Touran		2005 - 2013	BLX	2		C,D	•	•
Touran		2005 - 2013	BLY	2		C,D	•	•
Transporter		1990 - 1992	PD	1.8		C,D	•	•
Transporter		1990 - 1996	1X	1.9		C,D	•	•
Transporter		1992 - 2003	ABL	1.9		C,D	•	•
Transporter		2002 - 2003	AXB	1.9		C,D	•	•
Transporter		2003 - 2009	AXB	1.9		C,D	•	•
Transporter		2002 - 2009	AXC	1.9		C,D	•	•
Transporter		2002 - 2009	BRR	1.9		C,D	•	•
Transporter		2002 - 2009	BRS	1.9		C,D	•	•
Transporter		2004 - 2013	AXA	2		C	•	•
Transporter		2011 - 2013	CAAA	2.0L TDI CR		C,D	•	•,I
Transporter		2011 - 2013	CAAB	2.0L TDI CR		C,D	•	•,I
Transporter		2011 - 2013	CAHA	2.0L TDI CR		C,D	•	•,I
Transporter		2011 - 2013	CFCA	2.0L TDI CR		C,D	•	•,I
Transporter		2003 - 2005	AXC	1.9		C,D	•	•
Transporter		1990 - 2003	AAC	2		C,D	•	•
Transporter		1986 - 1992	DJ	2.1		C,D	•	•
Transporter		1986 - 1992	MV	2.1		C,D	•	•
Transporter		1986 - 1992	SR	2.1		C,D	•	•
Transporter		1986 - 1992	SS	2.1		C,D	•	•
Transporter		1990 - 2003	AAB	2.4		C,D	•	•
Transporter		1997 - 2003	AJA	2.4		C,D	•	•
Transporter		1990 - 1994	AAF	2.5		C,D	•	•
Transporter		1994 - 2003	ACU	2.5		C,D	•	•
Transporter		1995 - 1996	AEN	2.5		C,D	•	•
Transporter		1996 - 2003	AET	2.5		C,D	•	•
Transporter		1996 - 2003	AEU	2.5		C,D	•	•
Transporter		1999 - 2003	APL	2.5		C,D	•	•
Transporter		1998 - 2003	AVT	2.5		C,D	•	•
Transporter		1995 - 2003	ACV	2.5		C,D	•	•
Transporter		1998 - 2003	AHY	2.5		C,D	•	•
Transporter		1998 - 2003	AJT	2.5		C,D	•	•
Transporter		1999 - 2003	AUF	2.5		C,D	•	•
Transporter		2002 - 2003	AXD	2.5		C,D	•	•
Transporter		2003 - 2009	AXD	2.5		C	•	•
Transporter		2002 - 2009	AXE	2.5		C,D	•	•
Transporter		2003 - 2003	AXE	2.5		C	•	•
Transporter		2000 - 2003	AXG	2.5		C,D	•	•
Transporter		2002 - 2003	AXL	2.5		C,D	•	•
Transporter		2000 - 2003	AYC	2.5		C,D	•	•
Transporter		2001 - 2003	AYY	2.5		C,D	•	•
Transporter		2005 - 2009	BLJ	2.5		C	•	•

Key for Special Functions: BB: Brake Bleed, BS: Brake Service, C: Crash Data, CF: Configuration, E: ECU, F: Flywheel, I: Injector Coding, O: Oil reset for DPPE, P: Particulate Filter, R: Relearn, RA: Reset Adaptations, S: Steering Angle Sensor, E: Electronic Body Relearn, JA: Jumper or Type Semi Auto, \* : Other (see table on page 26) Data grey lines indicate new content at 1,4 - 4 - Bold text indicates the system or function updated. © 2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Engine Management Applications

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Transporter	2005 - 2009	BNZ	2.5		C	•	•,P
Transporter	2008 - 2009	BPC	2.5		C,D	•	•,P
Transporter	1996 - 2003	AES	2.8		C,D	•	•
Transporter	2000 - 2003	AMV	2.8		C,D	•	•
Transporter	2002 - 2003	AXK	2.8		C,D	•	•
Transporter	2004 - 2009	BDL	3.2		C	•	•
Transporter	2004 - 2009	BKK	3.2		C	•	•
Vanagon	1986 - 1992	BMV	2.1		C,D	•	•
Vento	1991 - 1998	ABD	1.4		C,D	•	•
Vento	1995 - 1998	AEX	1.4		C,D	•	•
Vento	1992 - 1995	ABU	1.6		C,D	•	•
Vento	1994 - 1996	AEA	1.6		C,D	•	•
Vento	1995 - 1998	AEE	1.6		C,D	•	•
Vento	1994 - 1996	AEK	1.6		C,D	•	•
Vento	1995 - 1998	AFT	1.6		C,D	•	•
Vento	1995 - 1998	AKS	1.6		C,D	•	•
Vento	1991 - 1998	AAM	1.8		C,D	•	•
Vento	1992 - 1995	ABS	1.8		C,D	•	•
Vento	1994 - 1999	ADD	1.8		C,D	•	•
Vento	1994 - 1998	ADZ	1.8		C,D	•	•
Vento	1997 - 1999	ANN	1.8		C,D	•	•
Vento	1997 - 1999	ANP	1.8		C,D	•	•
Vento	1991 - 1994	1Y	1.9		C,D	•	•
Vento	1995 - 1998	1Y	1.9		C,D	•	•
Vento	1995 - 1998	AEY	1.9		C,D	•	•
Vento	1991 - 1994	AAZ	1.9		C,D	•	•
Vento	1995 - 1998	AAZ	1.9		C,D	•	•
Vento	1993 - 1998	1Z	1.9		C,D	•	•
Vento	1995 - 1998	AFN	1.9		C,D	•	•
Vento	1996 - 1998	AHU	1.9		C,D	•	•
Vento	1996 - 1998	ALE	1.9		C,D	•	•
Vento	1991 - 1994	2E	2		C,D	•	•
Vento	1993 - 1995	ABA	2		C,D	•	•
Vento	1992 - 1998	ABF	2		C,D	•	•
Vento	1994 - 1998	ADC	2		C,D	•	•
Vento	1994 - 1997	ADY	2		C,D	•	•
Vento	1998 - 1998	AEG	2		C,D	•	•
Vento	1995 - 1998	AEP	2		C,D	•	•
Vento	1995 - 1997	AGG	2		C,D	•	•
Vento	1995 - 1998	AKR	2		C,D	•	•
Vento	1997 - 1998	AGZ	2.3		C,D	•	•
Vento	1992 - 1997	AAA	2.8		C,D	•	•
Vento	1996 - 1998	AFA	2.8		C,D	•	•
Vento	1998 - 1998	AFP	2.8		C,D	•	•
Vento	1994 - 1998	ABV	2.9		C,D	•	•
Scirocco(New)	2011 - 2013	CCZB	2.0L MPI		C	•	•,E,T
Scirocco(New)	2011 - 2013	CDLA	2.0L TFSI		C	•	
Scirocco(New)	2011 - 2013	CDLC	2.0L TFSI		C	•	
Scirocco(New)	2011 - 2013	CFGB	2.0LTDI-CR		C,D	•	•,I,P
Scirocco(New)	2011 - 2013	CFHB	2.0LTDI-CR		C,D	•	•,I,P
Scirocco(New)	2011 - 2013	CFHC	2.0LTDI-CR		C,D	•	•,I,P
Scirocco(New)	2011 - 2013	CBDB	2.0LTDI-CR		C,D	•	•,I,P
Caddy	2011 - 2013	CFHC	2.0L		C,D	•	•,I,P
Caddy	2011 - 2013	CFHE	2.0L		C,D	•	•,I,P
Caddy	2011 - 2013	CFHF	2.0L		C,D	•	•,I,P
Eos	2009 - 2013	CFFA	2.0L TDI-CR		C,D	•	•,I,P
Eos	2009 - 2013	CFFB	2.0L TDI-CR		C,D	•	•,I,P
Eos	2011 - 2013	BUB	3.2L MPI		C	•	
Touran	2011 - 2013	CJFA	2		C,D	•	•,I,P

VW							
Model	Years	Engine Code	Engine Info	System	Codes/ Data	Actuator Tests	Special Functions
Touran	2011 - 2013	CFHC	2		C,D	•	•,I,P
CRAFTER	2012 - 2013	CKTB	2.0 TDI-CR		C,D	•	•,I,P
CRAFTER	2012 - 2013	CKTC	2.0 TDI-CR		C,D	•	•,I,P
CRAFTER	2012 - 2013	CKUC	2.0 TDI-CR		C,D	•	•,I,P
CRAFTER	2012 - 2013	CKUB	2.0 TDI-CR		C,D	•	•,I,P

Key for Special Functions: B= Brake Bleed, BS= Brake Service, C= Crash Data, CF= Configuration, E= ECU, F= Flywheel, I= Injector Coding, O= Oil reset for DPF, P= Particulate Filter, R= Return, RA= Reset Adaptations, S= Steering Angle Sensor, E= Electric Body Return, H= Hydraulic or Type Vent Auto, \* = Other (see table on page 263) Dark grey lines indicate new content at 1.4.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

## Airbag

VW	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
AIR_VW8_1	C,D	•	•
AIR_VW_9.4	C,D	•	•
AIR_VW8	C,D	•	•
AIR_VW8.0	C,D	•	•
AIR_UDS	C,D	•	•
EV_AirbaVW20TS6VW48X	C,D	•	•
AIRAU1042	C,D	•	•
VW10Airbag 009	C,D	•	•
VW10Airbag 010	C,D	•	•
AIR_VW20	C,D	•	•
AIR_VW-AU10	C,D	•	•
VW10Airbag00M H06	C,D	•	•
AIR_VW10	C,D	•	•
AIR_VW51	C,D	•	•
AIR_VW52	C,D	•	•

## Antilock Brakes

VW	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
ABS 20 IE CAN	C,D		•
ABS 30 IE CAN	C,D		•
ABS 5.3 front	C,D		•
ABS 5.7 front	C,D		•
ABS Bosch 5	C,D		•
ABS Front MK60	C,D		•,S,B
ABS ITTAE 20 GI	C,D		•,S
ABS Teves 04	C		•,S
ABS/ASR 5.3 front	C,D		•,S
ABS/EDS 20 IE CAN	C,D		•,S
ABS/EDS 5.3	C,D		•,S
ABS/EDS 5.3 front	C,D		•,S
ABS/EDS 5.3 Quattro	C,D		•,S
ABS/EDS Bosch 5	C,D		•,S
ABS/EDS ITTAE 20 GI	C,D		•,S
ABS/EDS Teves 02	C		•,S
ABS/EDS Teves 04	C		•,S
ABS/ESP Allrad	C,D		•,S
ABS/ESP Front	C,D		•,S
ASR 20 IE CAN	C,D		•,S
ASR Front MK60	C,D		•,S
Bremson-Elektronik	C		•,S
ESP 20 CAN	C,D		•,S
ESP 5.3 T4 front	C,D		•,S
ESP 5.7 Allrad	C,D		•,S
ESP 5.7 Front	C,D		•,S
ESP 5.7 RS	C,D		•,S
ESP Allrad MK60	C,D		•,S,B
ESP Front MK60	C,D		•,S,B
ESP8.0	C,D	•	•,S
ABS23	C,D	•	•,S
ESP_MK25	C,D	•	•,S,B
UDSABS(General)	C,D		•

## Antilock Brakes Continued

VW	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
UDS MK25A	C,D		•
UDS MK60EC1	C,D		•
EBC 460 ESP H08	C,D		•,S
EV_Brake1UDSContiMK100	C,D		•,S
ESP Premium H09 0250	C,D		•,S
ESP MK25A XT	C,D		•,S
ESP MK60EC	C,D		•,S
ABS MK70	C,D		•,S

## Auto Transmission

VW	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
AG4 Getriebe 001	C,D		•
AG4 Getriebe 018	C,D	•	
AG4 Getriebe 01F	C,D	•	
AG4 Getriebe 01K	C,D	•	
AG4 Getriebe 01M	C,D		•
AG4 Getriebe 01N	C,D		•
AG4 Getriebe 01P	C,D		•
AG4 Getriebe 096	C,D		•
AG4 Getriebe 097	C,D		•
AG4 Getriebe 099	C,D		•
AG5 Getriebe 01L	C,D	•	
AG5 Getriebe 01V	C,D	•	
AG5 Getriebe 09A	C,D		•
AG5 Getriebe	C,D		•
Digimat 0842	C,D		•
Direkt-Schaltgetriebe DS085	C,D		
Multitronic V30 01J	C,D	•	
Type 02E DSG	C,D	•	•
TYPE 09G	C,D	•	•
TYPE 09L	C,D	•	•
TYPE 09E	C,D	•	•
TYPE 09D	C,D	•	
TYPE 0B5	C,D	•	•
TYPE 0B5	C,D	•	•
TYPE 0C8	C,D	•	•
TYPE 0BK	C,D	•	•
TYPE 0BW	C,D	•	•
TYPE 0AW	C,D	•	•

## Instrument Panel

VW	Codes/ Data	Actuator Tests	Special Functions
<b>System</b>			
6K-Kombiinstrument VDO	C,D	•	
A4-Kombiinstrument VDO	C,D	•	
AB-Kombiinstrument VDO	C,D	•	
B5-Kombiinstrument M73	C,D	•	
B5-Kombiinstrument VDO	C,D	•	
C5-Kombiinstrument VDO	C,D	•	
D2-Kombiinstrument VDO	C,D	•	
S5-Kombiinstrument VDO	C,D	•	
T4-Kombiinstrument VDO	C,D	•	
W1-Kombiinstrument VDO	C,D	•	
Kombi+Wegfahrsp. B00	C,D	•	
Kombi+Wegfahrsp. M73	C,D	•	
Kombi+Wegfahrsp. MM0	C,D	•	
Kombi+Wegfahrsp. MM4	C,D	•	
Kombi+Wegfahrsp. RB4	C,D	•	
Kombi+Wegfahrsp. RB8	C,D	•	
Kombi+Wegfahrsp. TRW	C,D	•	
Kombi+Wegfahrsp. VDO	C,D	•	
Kombiinstrument B00	C,D	•	
Kombiinstrument MM0	C,D	•	
Kombiinstrument TRW	C,D	•	
Kombiinstrument VDO	C,D	•	
UDS PROTOCOL Kombi	C,D		•
Kombi_UDS_VDD_AU10	C,D		•
KombiUDSRBW526	C,D		•
EV_DashBoardVDDMQBAB	C,D		•
EV_R8D4K	C,D		•

## Other

VW	Codes/ Data	Actuator Tests	Special Functions	Base System
<b>System</b>				
Codescan	C,D			Codescan
Broadcast Clear Codes	C,D			Broadcast Clear Codes
Add. Heater/Parking heater	C			Add. Heater/Parking heater
Electronic Door Module Driver	C,D	•	•	Electronic Door Module Driver
Electronic Door Module Passenger	C,D	•	•	Electronic Door Module Passenger
Electronic Door Module Rear Left	C,D	•	•	Electronic Door Module Rear Left
Electronic Door Module Rear Right	C,D	•	•	Electronic Door Module Rear Right
Air-conditioning	C,D	•	•	Air-conditioning
Alarm system interior	C			Alarm system interior
Anti slip control	C		•	Anti slip control
Audio system	C			Audio system
Auto light switch	C		•	Auto light switch
Back spoiler	C			Back spoiler
Can bus interface	C,D	•	•	Can bus interface
Central door lock system	C	•		Central door lock system
Central Electronic Unit	C			Central Electronic Unit
Clutch electronics	C			Clutch electronics
Comfort systems	C,D	•	•	Comfort systems
Distance control	C			Distance control
Electronic level control	C			Electronic level control
Electronic roof control	C			Electronic roof control

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptation, S- Steering Angle Sensor, I- Inertia Body Return, JA- Jumper or Type Sent Auto, \*- Other (see table on page 263) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Other Continued

System	Codes/ Data	Actuator Tests	Special Functions	Base System
Emergency unit	C			Emergency unit
Immobiliser	C,D		•	Immobiliser
Lever control xenon lights	C	•	•	Lever control xenon lights
Light control left	C			Light control left
Light control right	C			Light control right
Navigation system	C		•	Navigation system
Parking help	C,D			Parking help
Radio	C,D			Radio
Seat adjustment driver's side	C			Seat adjustment driver's side
Seat & mirror adjustment	C			Seat & mirror adjustment
Speech control	C			Speech control
Steering help	C		•	Steering help
Steering wheel electronics	C,D		•	Steering wheel electronics
Suspension electronics	C,D	•	•	Suspension electronics
Tyre pressure monitoring	C,D		•	Tyre pressure monitoring
4WD Electronics	C			4WD Electronics
Auxiliary Heater	C,D			Auxiliary Heater
Start Authorisation/Kessey	C,D		•	Start Authorisation/Kessey
Battery Management	C,D		•	Battery Management
Park Assist II	C	•	•	Park Assist II
Wiper Electronics	C	•		Wiper Electronics
Digital Radio	C,D		•	Digital Radio
Electronic Parking Brake	C		•	Electronic Parking Brake
Electronic Trailer Coupling	C,D		•	Electronic Trailer Coupling
6K-Kombiinstrument VDO			•	Service Interval Reset
A4-Kombiinstrument VDO			•	Service Interval Reset
AB-Kombiinstrument VDO			•	Service Interval Reset
B5-Kombiinstrument M73			•	Service Interval Reset
B5-Kombiinstrument VDO			•	Service Interval Reset
C5-Kombiinstrument VDO			•	Service Interval Reset
D2-Kombiinstrument VDO			•	Service Interval Reset
S5-Kombiinstrument VDO			•	Service Interval Reset
T4-Kombiinstrument VDO			•	Service Interval Reset
W1-Kombiinstrument VDO			•	Service Interval Reset
Kombi+Wegfahrsp. B00			•	Service Interval Reset
Kombi+Wegfahrsp. M73			•	Service Interval Reset
Kombi+Wegfahrsp. MM0			•	Service Interval Reset
Kombi+Wegfahrsp. MM4			•	Service Interval Reset
Kombi+Wegfahrsp. RB4			•	Service Interval Reset
Kombi+Wegfahrsp. RB8			•	Service Interval Reset
Kombi+Wegfahrsp. TRW			•	Service Interval Reset
Kombi+Wegfahrsp. VDO			•	Service Interval Reset
Kombiinstrument B00			•	Service Interval Reset
Kombiinstrument MM0			•	Service Interval Reset
Kombiinstrument TRW			•	Service Interval Reset
Kombiinstrument VDO			•	Service Interval Reset
UDS PROTOCOL Kombi			•	Service Interval Reset
Kombi_UDS_VDD_AU10			•	Service Interval Reset
KombiUDSRBVW526			•	Service Interval Reset
EV_DashBoardVDDMQBAB			•	Service Interval Reset
EV_R8D4K			•	Service Interval Reset

Key for Special Functions: BB- Brake Bleed, BS- Brake Service, C- Crash Data, CF- Configuration, E- ECU, F- Flammable, I- Injector Coding, O- Oil reset for DPF, P- Particulate Filter, R- Return, RA- Reset Adaptations, S- Steering Angle Sensor, I- Inertia Body Return, JA- Jumper or Type Sem Auto, \*- Other (see table on page 263) Dark grey lines indicate new content at 14.4 - Bold text indicates the system or function updated. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Complete list of Special Functions Available\*

Make	Special Function
ALFA, FIAT & LANCIA	Accept Configuration
ALFA, FIAT & LANCIA	Actuator Replacement
ALFA, FIAT & LANCIA	Air Flow Meter Replace (Lambda Only)
ALFA, FIAT & LANCIA	Air Flow Meter Replacement
ALFA, FIAT & LANCIA	Reset Adaptation Parameters
ALFA, FIAT & LANCIA	Brake Bleeding
ALFA, FIAT & LANCIA	Brake Pad Replacement
ALFA, FIAT & LANCIA	BSI Procedure's
ALFA, FIAT & LANCIA	Steering Angle Calibration
ALFA, FIAT & LANCIA	Cam Edges Zeroing(VVT)
ALFA, FIAT & LANCIA	Control Unit Replacement
ALFA, FIAT & LANCIA	Crash Data Reset (Fuel Cut-Off)
ALFA, FIAT & LANCIA	Diesel Additive Maintainance/Resets
ALFA, FIAT & LANCIA	Diesel Particle Filter Information
ALFA, FIAT & LANCIA	Diesel Particle Filter Maintenance
ALFA, FIAT & LANCIA	Differential Pressure Sensor Replacement
ALFA, FIAT & LANCIA	Diesel Particle Filter Replacement
ALFA, FIAT & LANCIA	Toe Hitch Not fitted
ALFA, FIAT & LANCIA	Tow Hitch Not fitted
ALFA, FIAT & LANCIA	EGR Valve Learn
ALFA, FIAT & LANCIA	BSI Configuration /Customer Options
ALFA, FIAT & LANCIA	Steering Angle Calibration
ALFA, FIAT & LANCIA	Vehicle Type Learn Reset
ALFA, FIAT & LANCIA	EPB Information
ALFA, FIAT & LANCIA	Toe Hitch Fitted
ALFA, FIAT & LANCIA	Tow Hitch Fitted
ALFA, FIAT & LANCIA	Headlamp Actuators
ALFA, FIAT & LANCIA	Injector Classification
ALFA, FIAT & LANCIA	Particle Filter Information
ALFA, FIAT & LANCIA	Double Throttle Metering Valve
ALFA, FIAT & LANCIA	EGR Butterfly
ALFA, FIAT & LANCIA	EGR Value
ALFA, FIAT & LANCIA	Injector Programming
ALFA, FIAT & LANCIA	Injector Replacement
ALFA, FIAT & LANCIA	Turbo Limits
ALFA, FIAT & LANCIA	Idle Speed Increase(only 1242 16V)
ALFA, FIAT & LANCIA	Key Programming
ALFA, FIAT & LANCIA	Key Programming
ALFA, FIAT & LANCIA	Steering Angle Calibration
ALFA, FIAT & LANCIA	Key FOB synchronization
ALFA, FIAT & LANCIA	Knock Counter Reset
ALFA, FIAT & LANCIA	Overboost Counter Reset
ALFA, FIAT & LANCIA	Self-Learn Functions Reset
ALFA, FIAT & LANCIA	Zeroing Of Self-adaption Parameters
ALFA, FIAT & LANCIA	Longitud. Acceleration Sensor Calibration
ALFA, FIAT & LANCIA	Lock/Unlock Airbag
ALFA, FIAT & LANCIA	Steering Angle Calibration
ALFA, FIAT & LANCIA	Replacement Of Lambda Sensor
ALFA, FIAT & LANCIA	Memory Mode Write
ALFA, FIAT & LANCIA	Motorized Throttle Relearn Storage
ALFA, FIAT & LANCIA	Diesel Particle Filter Replacement
ALFA, FIAT & LANCIA	Air Flow Meter Sensor Replacement
ALFA, FIAT & LANCIA	Differential Press. Sensor Replacement
ALFA, FIAT & LANCIA	Downstream Lambda Sensor And/Or Catalyzer And/Or Injectors Replacement
ALFA, FIAT & LANCIA	EGR Valve Replacement
ALFA, FIAT & LANCIA	Lambda Sensor Replacement
ALFA, FIAT & LANCIA	Motorized Throttle Replacement
ALFA, FIAT & LANCIA	MultiAir Rolling Finger Replacement
ALFA, FIAT & LANCIA	Neutral Signal Learn
ALFA, FIAT & LANCIA	Oil Temperature Sensor Replacement
ALFA, FIAT & LANCIA	Particulate Filter Regeneration
ALFA, FIAT & LANCIA	Particulate Filter With Integrated Pre-Cat Replacement
ALFA, FIAT & LANCIA	Performance Limiting Deactivation
ALFA, FIAT & LANCIA	Phonic Wheel Replacement
ALFA, FIAT & LANCIA	Rail Pressure Sensor Replacement
ALFA, FIAT & LANCIA	Resetting Dist. Travelled With Water In Diesel w.lamp On
ALFA, FIAT & LANCIA	Resetting Dist. Travelled With Water Temp.w.lamp On
ALFA, FIAT & LANCIA	RPM Sensor And/Or Distribution Belt Replacement
ALFA, FIAT & LANCIA	Supercharging System Components Replacement
ALFA, FIAT & LANCIA	Timing Sensor And/Or Cam Replacment
ALFA, FIAT & LANCIA	UniAir Module Replacement
ALFA, FIAT & LANCIA	Upstream Lambda Sensor Replacement
ALFA, FIAT & LANCIA	Variable Geometry Turbo Replacement
ALFA, FIAT & LANCIA	Particle Filter Regeneration
ALFA, FIAT & LANCIA	Position/Torque Calibration Reset
ALFA, FIAT & LANCIA	Pre Catalyst Replacement
ALFA, FIAT & LANCIA	Pre Catalyst Replacement (DPF only)
ALFA, FIAT & LANCIA	Pressure Sensor Calibration
ALFA, FIAT & LANCIA	Pretensioner Configuration
ALFA, FIAT & LANCIA	Diesel Particle Filter Regeneration
ALFA, FIAT & LANCIA	Particle Filter Regeneration
ALFA, FIAT & LANCIA	Particle Filter Regeneration (DPF only)
ALFA, FIAT & LANCIA	Air Flow Meter Replacement
ALFA, FIAT & LANCIA	Differential Press. Sensor Replacement
ALFA, FIAT & LANCIA	Lambda Sensor Replacement
ALFA, FIAT & LANCIA	Position Sensor Calibration

Make	Special Function
ALFA, FIAT & LANCIA	Rail Pressure Sensor Replacement
ALFA, FIAT & LANCIA	Self-Learn Functions Reset
ALFA, FIAT & LANCIA	Servo Mechanism Group Replacement
ALFA, FIAT & LANCIA	Phonic Wheel Learn Reset
ALFA, FIAT & LANCIA	Reset Phonic Wheel Adaptation
ALFA, FIAT & LANCIA	Replacement Of Particulate Filter And Interventions On Diesel Additive Circuit
ALFA, FIAT & LANCIA	Filter Regeneration
ALFA, FIAT & LANCIA	Rail Pressure Sensor Replacement
ALFA, FIAT & LANCIA	High Pressure Pump Replacement
ALFA, FIAT & LANCIA	Phonic Wheel Learn Procedure
ALFA, FIAT & LANCIA	Pilot Injection Learn
ALFA, FIAT & LANCIA	Reset Self-adaptation
ALFA, FIAT & LANCIA	Start With Code Card
ALFA, FIAT & LANCIA	Steering Angle Reset
ALFA, FIAT & LANCIA	Zeroing Of Self-adaption Parameters
ALFA, FIAT & LANCIA	System Calibration
ALFA, FIAT & LANCIA	Stop Maintenance
ALFA, FIAT & LANCIA	Accumulator Depressurization
ALFA, FIAT & LANCIA	Calculation of Clutch Degradation Index
ALFA, FIAT & LANCIA	CITY Switch Replacement
ALFA, FIAT & LANCIA	Clutch Bleed
ALFA, FIAT & LANCIA	Clutch Replacement
ALFA, FIAT & LANCIA	Clutch Self-Calibration Enable
ALFA, FIAT & LANCIA	Configuration
ALFA, FIAT & LANCIA	Data Deletion And Return To Initial Values For Clutch Replacement
ALFA, FIAT & LANCIA	Data Deletion For KIT/Pump Replacement
ALFA, FIAT & LANCIA	Data Deletion For Pump Replacement
ALFA, FIAT & LANCIA	Data Deletion For Steering Wheel Levers Replacement
ALFA, FIAT & LANCIA	Data Deletion For Tunnel Lever Replacement
ALFA, FIAT & LANCIA	Deletion Of CITY Switch Replacement Data
ALFA, FIAT & LANCIA	Deletion Of SPORT Switch Replacement Data
ALFA, FIAT & LANCIA	Deletion of Statistical Data Relating To Errors
ALFA, FIAT & LANCIA	Electropump Replacement
ALFA, FIAT & LANCIA	End Of Line/Service Self-Calibration
ALFA, FIAT & LANCIA	Engagement Lever Pin Securing Screw Diagnosis
ALFA, FIAT & LANCIA	KIT/Gearbox Replacement
ALFA, FIAT & LANCIA	KIT/Pump Replacement
ALFA, FIAT & LANCIA	New Actuators
ALFA, FIAT & LANCIA	Pump Relay Replacement
ALFA, FIAT & LANCIA	Selection Lever Return Diagnosis
ALFA, FIAT & LANCIA	Statistical Data Deletion
ALFA, FIAT & LANCIA	Steering Wheel Levers Replacement
ALFA, FIAT & LANCIA	Tunnel Lever Replacement
ALFA, FIAT & LANCIA	Configuration
ALFA, FIAT & LANCIA	Steering Angle Sensor Calibration
ALFA, FIAT & LANCIA	Throttle Learn Storage
ALFA, FIAT & LANCIA	Torque Sensor Calibration
ALFA, FIAT & LANCIA	Zeroing Of Self-adaption Parameters
ALFA, FIAT & LANCIA	Air Fuel Sensor Replacement Procedure
ALFA, FIAT & LANCIA	Airbag Reconfiguration
ALFA, FIAT & LANCIA	Brake Bleeding
ALFA, FIAT & LANCIA	Remedy for Discharged Battery
ALFA, FIAT & LANCIA	Battery Current Sensor Calibration (If Fitted)
ALFA, FIAT & LANCIA	CPF Change
ALFA, FIAT & LANCIA	DPF Change
ALFA, FIAT & LANCIA	DPF Regeneration
ALFA, FIAT & LANCIA	CPF Change
ALFA, FIAT & LANCIA	DPF Regeneration LATE
ALFA, FIAT & LANCIA	Catalyst Replacement Procedure
ALFA, FIAT & LANCIA	Differential Pressure Sensor Change
ALFA, FIAT & LANCIA	DPF Regeneration
ALFA, FIAT & LANCIA	EGR Reset Adaptions
ALFA, FIAT & LANCIA	Emission Gas Mode
ALFA, FIAT & LANCIA	Engine Reset Adaptions
ALFA, FIAT & LANCIA	Adaptives Reset
ALFA, FIAT & LANCIA	Engine Reset Adaptions
ALFA, FIAT & LANCIA	Reset Adaptions
ALFA, FIAT & LANCIA	Reset Engine Adaptions

Make	Special Function
ALFA, FIAT & LANCIA	Reset Service Indicator
ALFA, FIAT & LANCIA	Adaptation values
ALFA, FIAT & LANCIA	Fuel Line Air Removal
ALFA, FIAT & LANCIA	High Pressure Pump Change
ALFA, FIAT & LANCIA	Idle Air Volume Learn
ALFA, FIAT & LANCIA	Injector Programming
ALFA, FIAT & LANCIA	Intelligent Vehicle Electronic Control System-2 Control Stop
ALFA, FIAT & LANCIA	Lock/Unlock Airbag
ALFA, FIAT & LANCIA	Learning
ALFA, FIAT & LANCIA	Clear CVT Oil Degradation Level
ALFA, FIAT & LANCIA	Emergency Handbrake Release
ALFA, FIAT & LANCIA	Particle Filter
ALFA, FIAT & LANCIA	Particle Filter And Diesel Additive Maintenance
ALFA, FIAT & LANCIA	Reconfigure Airbag Menu
ALFA, FIAT & LANCIA	Personalize/Reconfigure UCH
ALFA, FIAT & LANCIA	Resets
ALFA, FIAT & LANCIA	Read VIN
ALFA, FIAT & LANCIA	Steering Angle Reset
ALFA, FIAT & LANCIA	Steering Angle Sensor Reset ASC only
ALFA, FIAT & LANCIA	Steering Angle Reset
ALFA, FIAT & LANCIA	Sensor Calibration
ALFA, FIAT & LANCIA	Steering Angle Reset
ALFA, FIAT & LANCIA	Supply Pump Initialization
ALFA, FIAT & LANCIA	Swirl Valve Change
ALFA, FIAT & LANCIA	Tire Sensor Coding
ALFA, FIAT & LANCIA	Tire Pressure Monitoring
ALFA, FIAT & LANCIA	Injector Programming
ALFA, FIAT & LANCIA	Tire Sensor Coding
FORD	Reset Air Conditioning Compressor Learned Values
FORD	Air Conditioning Compressor Values Reset
FORD	Air Cooler Bypass Valve Values Reset
FORD	Fuel Additive Control Module Program
FORD	Electronic Parking Brake Static Apply
FORD	Configure All 3 Sensors Together (ESP Only)
FORD	Electronic Parking Brake Assembly Check
FORD	Inlet Air Throttle Valve Values Reset
FORD	Reset Intake Air Throttle Valve Learned Values
FORD	Reset Learned Values - Intake Air Throttle Valve
FORD	ABS Service Bleed
FORD	Bleed Shift Actuator Unit
FORD	Configure Steering Column Assembly
FORD	Reset Crash Data
FORD	Cam Edges Zeroing (VVT)
FORD	Clear Stored Clutch Engagement Point Clutch System Reset
FORD	Reset Learned Values - Camshaft Position Reference
FORD	Cooling Fan Motor Values Reset
FORD	Reset Clutch Engagement Point
FORD	Reset Clutch Learned Values
FORD	Reset Learned Values - Clutch
FORD	HCM Module Program
FORD	Depressurize ASM System
FORD	Diesel Particulate Filter Static Regeneration
FORD	Diesel Particulate Filter Values Reset
FORD	Differential Pressure Sensor Values Reset
FORD	Reset DPF Differential Pressure Sensor Learned Values
FORD	Reset Learned Values - DPF Differential Pressure Sensor
FORD	DPF Differential Pressure Sensor Values Reset

\*Complete list refers to all possible functions – not all functions are available for all make and models. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.

# Complete list of Special Functions Available\*

Make	Special Function
FORD	DPF Static Regeneration
FORD	EGR Valve Values Reset
FORD	Reset EGR Valve Learned Values
FORD	Reset Learned Values - EGR Valve
FORD	EGR Throttle Position Vacuum Solenoid
FORD	EGR Valve Duty Cycle
FORD	EGR Valve Values Reset
FORD	Calibrate Emergency Release
FORD	Engine Speed (RPM)
FORD	Calibrate Electric Parking Brake (EPB)
FORD	Exhaust Gas Temperature Values Reset
FORD	Calibrate Steering Sensor
FORD	Fuel Gauge Sweep Test
FORD	Reset Pull Drift Compensation Data
FORD	Tachometer (RPM)
FORD	Calibrate Lateral Acceleration Sensor
FORD	LCD Illumination Level Test
FORD	PRNDL Display
FORD	Reset Straight Ahead Adaption Angle
FORD	Calibrate Longitudinal Acceleration Sensor
FORD	Speedometer Gauge Sweep Test
FORD	Calibrate Pressure Sensor
FORD	Calibrate Yaw Rate Sensor
FORD	Tachometer Gauge Sweep Test
FORD	Calibrate Pressure Sensor
FORD	Module Initialization
FORD	Temperature Gauge Sweep Test
FORD	Fuel Injection Pump Learn
FORD	Reset Learned Values - Fuel Injector
FORD	Fuel Metering Valve Values Reset
FORD	Reset Fuel Metering Valve Learned Values
FORD	Diesel Particulate Filter Values Reset
FORD	Fuel Additive Control Module Program
FORD	Fuel Additive System Prime
FORD	Fuel Additive Tank Refill
FORD	Reset DPF Learned Values
FORD	Reset Learned Values - Diesel Particulate Filter
FORD	Exhaust Gas Temperature Values Reset
FORD	Reset Exhaust Gas Temperature Learned Values
FORD	Reset Learned Values - Exhaust Gas Temperature
FORD	HEGO Sensor Values Reset
FORD	Reset Learned Values - HEGO Sensor
FORD	Enable \ Disable Hill Launch Assist
FORD	Reset Learned Values - High Pressure Fuel System
FORD	Instrument Panel Replacement
FORD	Fuel Injector Correction Factors
FORD	Injector Correction
FORD	Fuel Injector Default Count
FORD	Initialize Exhaust Gas Related Component
FORD	Inhibit Longitudinal Accelerometer Monitoring (ESP Only)
FORD	Electronic Parking Brake Inclination Sensor Calibration
FORD	Indicator Lamp Test
FORD	Injector Programming
FORD	Intake Air Throttle Valve Values Reset
FORD	Injector Programming
FORD	Configure Intermediate Shaft
FORD	Headlamp Alignment
FORD	Keep Alive Memory (KAM) Reset
FORD	Knock Counter Reset
FORD	Overboost Counter Reset
FORD	Self-Learn Functions Reset
FORD	Zeroing Of Self-Adaption Parameters
FORD	Knock Sensor Values Reset
FORD	Reset Knock Sensor Learned Values
FORD	Configure Lateral Acceleration Sensor
FORD	Configure Lateral Acceleration Sensor (ESP Only)
FORD	Calibrate Longitudinal Acceleration Sensor (ESP Only)
FORD	Configure Longitudinal Acceleration Sensor (ESP Only)
FORD	Configure Longitudinal Acceleration Sensor (ESP Only)
FORD	Fuel System Leak Test
FORD	LHID Module Program
FORD	MAF Sensor Values Reset
FORD	Reset Learned Values - MAF Sensor
FORD	Module Initialisation
FORD	Electronic Parking Brake Maintenance Mode
FORD	Neutral Gear Position Values Reset
FORD	Neutral Signal Learn
FORD	Network Test
FORD	Fuel Pressure Relief Valve Open Count Values Reset
FORD	Fuel Pressure Relief Valve Open Duration Values Reset
FORD	Oil Change Indicator Reset

Make	Special Function
FORD	One Touch Start Configuration
FORD	Position/Torque Calibration Reset
FORD	Pre-Catalyst Replacement (DPF only)
FORD	Reset Pull Drift Compensation Data
FORD	Diesel Particulate Filter Static Regeneration
FORD	Diesel Particulate Filter Static Regeneration
FORD	Fuel Injector Pilot Learn
FORD	Particle Filter Regeneration (DPF only)
FORD	Reset Learned Values - Powertrain Control Module
FORD	Reset PCM Learned Values
FORD	Calibrate Pressure Sensor (ESP Only)
FORD	Configure Pressure Sensor
FORD	Configure Pressure Sensor (ESP Only)
FORD	Differential Pressure Sensor Replacement
FORD	Position Sensor Calibration
FORD	Reset Pressure Sensor Data (ESP Only)
FORD	Phonic Wheel Learn Procedure
FORD	Phonic Wheel Learn Reset
FORD	Reset or Clear Specified Function
FORD	Fuel Additive Tank Refill
FORD	RHID Module Program
FORD	Calibrate Steering Angle Sensor
FORD	Configure Steering Angle Sensor (ESP Only)
FORD	System Calibration
FORD	Shift Fork System Reset
FORD	Fuel Additive System Prime
FORD	Stop-Start Activation
FORD	Service Functions (Euro 4)
FORD	Service Functions (Euro 5)
FORD	Reset Learned Values - Turbocharger
FORD	Throttle Learn Storage
FORD	Torque Sensor Calibration
FORD	Transmission Range Sensor Test
FORD	Reset Transmission Tables
FORD	Reset Learned Values - Transmission
FORD	Reset Transmission Learned Values
FORD	Tire Pressure Monitoring System Reset
FORD	TPMS Sensor Learn
FORD	Injector Programming
FORD	HCM Module Program
FORD	Variable Fan Duty Cycle
FORD	Variable Geometry Turbocharger
FORD	Fuel System Vaporizer Prime
FORD	Reset Indicator - Water In Fuel
FORD	Reset Water In Fuel Indicator
FORD	Water In Fuel Indicator Reset
FORD	Configure Yaw Rate & Lateral Acceleration Sensors (ESP Only)
FORD	Configure Yaw Rate Sensor
FORD	Configure Yaw Rate Sensor (ESP Only)
FORD	Zeroing Of Self-Adaption Parameters
JAGUAR	Reset Adaptations
JAGUAR	Battery Replacement
JAGUAR	Reset Adaptations
JAGUAR	Suspension Calibration
JAGUAR	Air Suspension Calibration
JAGUAR	Air Suspension Deflation
JAGUAR	Air Suspension Enable
JAGUAR	Air Suspension Height Calibration
JAGUAR	Air Suspension Manufacturing Mode
JAGUAR	Battery Replacement
JAGUAR	Boost Pressure Actuator Replacement
JAGUAR	Injector Coding
JAGUAR	DPF Differential Pressure Sensor Replacement
JAGUAR	DPF Dynamic Regeneration
JAGUAR	Diesel Lambda Sensor Replacement
JAGUAR	DPF Dynamic Regeneration
JAGUAR	DPF Replacement
JAGUAR	Reset the DPF Stored Values
JAGUAR	Release Parking Brake To Service Position
JAGUAR	Evaporative System Test
JAGUAR	Evaporative System Leak Check
JAGUAR	EGR Valve Replacement Procedure
JAGUAR	Evaporative System Leak Check
JAGUAR	Release Parking Brake To Service Position
JAGUAR	Electronic Parking Brake
JAGUAR	Release Parking Brake to Service Position
JAGUAR	EPB To Mounting Position (Park brake shoe removal or adjustment)
JAGUAR	EPB To The Latching Position
JAGUAR	EPB Unjam Procedure
JAGUAR	Exhaust Gas Recirculation Replacement
JAGUAR	Fueling Adaption Re-Initialization
JAGUAR	Headlamp Calibration Setup
JAGUAR	Injector Correction Factors
JAGUAR	Injector Coding
JAGUAR	Injector Programming
JAGUAR	Steering Angle Reset
JAGUAR	Lateral Accelerometer Calibration
JAGUAR	Longitudinal Accelerometer Calibration

Make	Special Function
JAGUAR	Longitudinal Accelerometer Sensor Calibration
JAGUAR	Module Programming
JAGUAR	Oil Service Counter Reset
JAGUAR	Parking Brake Information
JAGUAR	Particulate Filter ATS Replacement
JAGUAR	Particulate Filter DPS Replacement
JAGUAR	Release Parking Brake To Service Position
JAGUAR	POWERTRAIN SET-UP
JAGUAR	Release Parking Brake to Service Position
JAGUAR	Release Parking Brake to Service Position.
JAGUAR	Pressure Sensor Calibration
JAGUAR	Reset MAFF
JAGUAR	Release Parking Brake to Service Position
JAGUAR	Roll Rate Sensor Calibration
JAGUAR	Steering Angle Calibration
JAGUAR	Set-Up Configuration
JAGUAR	Steering Angle Sensor Calibration
JAGUAR	Suspension Geometry Set Up
JAGUAR	Suspension Tight Tolerance Control
JAGUAR	Teach In Components
JAGUAR	Tire Pressure Monitor Confirmation Application
JAGUAR	Throttle Valve Actuator Replacement
JAGUAR	Tire Pressure Monitor Receiver Calibration
JAGUAR	Tire Pressure Sensor Replacement
JAGUAR	Throttle Valve Actuator Replacement Procedure
JAGUAR	Yaw Rate Sensor Calibration
LAND ROVER	Reset All Adaptations
LAND ROVER	Battery Replacement
LAND ROVER	Reset Adaptations
LAND ROVER	Control Module Adaption Clear
LAND ROVER	Control Module Clear Adaptations
LAND ROVER	Suspension Calibration
LAND ROVER	Air Suspension Calibration
LAND ROVER	Air Suspension Deflation
LAND ROVER	Air Suspension Enable
LAND ROVER	Air Suspension Height Calibration
LAND ROVER	Air Suspension Inflation
LAND ROVER	Airbag Build Mode
LAND ROVER	Airbag ECU Renewal
LAND ROVER	Battery Replacement
LAND ROVER	Brake Bleeding
LAND ROVER	Airbag Build Mode
LAND ROVER	Boost Pressure Actuator Replacement
LAND ROVER	Brake Bleeding
LAND ROVER	Brake Bleeding(special)
LAND ROVER	Crash Status Reset
LAND ROVER	Injector Coding
LAND ROVER	Diesel Lambda Sensor Replacement
LAND ROVER	Diesel Particulate Filter Dynamic Regeneration
LAND ROVER	Diesel Particulate Filter Replacement
LAND ROVER	Diesel Particulate Filter Replacement
LAND ROVER	EPB To Mounting Position (Park brake shoe removal or adjustment)
LAND ROVER	EPB To Mounting Position (Park brake shoe removal or adjustment)
LAND ROVER	EPB To The Latching Position
LAND ROVER	EPB Unjam Procedure
LAND ROVER	Exhaust Gas Recirculation Replacement
LAND ROVER	Exhaust Gas Recirculation Valve
LAND ROVER	Fuel Lift Pump
LAND ROVER	Front Sounder
LAND ROVER	Fuel Lift Pump
LAND ROVER	Fuel Pump Supply Enable/Disable
LAND ROVER	Fueling Adaption Re-Initialization
LAND ROVER	Headlamp Calibration Setup
LAND ROVER	Injector Programming
LAND ROVER	Steering Angle Reset
LAND ROVER	Lateral Accelerometer Calibration
LAND ROVER	Longitudinal Accelerometer Calibration
LAND ROVER	Longitudinal Accelerometer Sensor Calibration
LAND ROVER	Manufacturing/Freeze Mode
LAND ROVER	Module Programming
LAND ROVER	Oil Change Reset
LAND ROVER	Oil Service Counter Reset
LAND ROVER	Oxidation Catalyst
LAND ROVER	Oxygen Sensor
LAND ROVER	Parking Brake Information
LAND ROVER	Parking Brake Pad Replacement-Exit
LAND ROVER	Maintenance Mode Application
LAND ROVER	Parking Brake Pad Replacement-Release To Service Position
LAND ROVER	Particulate Filter ATS Replacement
LAND ROVER	Particulate Filter DPS Replacement
LAND ROVER	Injector Pilot Relearn
LAND ROVER	Power Module - Reset
LAND ROVER	Powertrain Control Module Adaption Clear
LAND ROVER	POWERTRAIN SET-UP



# Complete list of Special Functions Available\*

Make	Special Function
LAND ROVER	Pressure Sensor Calibration
LAND ROVER	Manually Program VIN
LAND ROVER	Reset MAFF
LAND ROVER	Rear Sounder
LAND ROVER	Reset The Oil Service Counter
LAND ROVER	Restraints Occupant System Module Replacement
LAND ROVER	Roll Rate Sensor Calibration
LAND ROVER	Steering Angle Calibration
LAND ROVER	Steering Angle Sensor Calibration
LAND ROVER	Set-Up
LAND ROVER	Set-Up And Configuration
LAND ROVER	Set-Up Configuration
LAND ROVER	Self Leveling Suspension
LAND ROVER	Steering Angle Sensor Calibration
LAND ROVER	Steering Column Calibration
LAND ROVER	Steering Column Module Calibration
LAND ROVER	Sunroof Calibration
LAND ROVER	Suspension Geometry Set Up
LAND ROVER	Suspension Tight Tolerance Control
LAND ROVER	Teach In Components
LAND ROVER	TPM Set-up Confirmation
LAND ROVER	Throttle Valve Actuator
LAND ROVER	Throttle Valve Actuator Replacement
LAND ROVER	Tire Pressure Sensor Replacement
LAND ROVER	Program Wheel Module Identifiers
LAND ROVER	Programme Wheel Module Identifiers
LAND ROVER	TPMS Confirmation Application
LAND ROVER	TPMS Sensor Identification Display
LAND ROVER	Transmission Adaption
LAND ROVER	Transmission Control Module Adaptation Clear
LAND ROVER	X-Y Sensor Calibration
LAND ROVER	Yaw Rate Sensor Calibration
MERCEDES	Reset quantity mean value adaptation data
MERCEDES	Relearn Procedures
MERCEDES	Actual Values
MERCEDES	Bulb Removal
MERCEDES	Calibration of pedal angle sensor
MERCEDES	Output controls
MERCEDES	Programming / Normalization
MERCEDES	Control module reset
MERCEDES	Camshafts
MERCEDES	Compression test
MERCEDES	Forced DPF regeneration
MERCEDES	Dynamometer mode
MERCEDES	Adaptation values
MERCEDES	Exceptional bleeding
MERCEDES	Fuel tank leak test (USA)
MERCEDES	Glow time output stage
MERCEDES	Injector classification
MERCEDES	Adaptations
MERCEDES	Injector Programming
MERCEDES	Compression test
MERCEDES	Output controls
MERCEDES	Teach-in of throttle stop
MERCEDES	Cylinder cut out test
MERCEDES	Normalizing of window
MERCEDES	Oil level refill/check
MERCEDES	Adaptations
MERCEDES	Parking brake calibration
MERCEDES	Brake pad changing mode
MERCEDES	Inlet port shut off
MERCEDES	Manual settings
MERCEDES	Coding
MERCEDES	Steering angle reset
MERCEDES	Regular DPF regeneration
MERCEDES	Relearn Procedures
MERCEDES	Regular DPF regeneration
MERCEDES	SBC activate system
MERCEDES	SBC deactivate system
MERCEDES	Steering angle initialization
MERCEDES	Input / Output controls
MERCEDES	Cylinder cut out test
MERCEDES	Reset Center Position Of Steering
MERCEDES	Adaptations
MERCEDES	Steering angle reset
MERCEDES	Steering angle initialization
MERCEDES	Steering angle reset
MERCEDES	SBC deactivate system
MERCEDES	SBC activate system
MERCEDES	Test signal transmission of RDK sensors
MERCEDES	Monitoring function
MERCEDES	Test signal transmission of RDK sensors
MERCEDES	Write wheel electronics id number
MERCEDES	Test monitor antennas
MERCEDES	Test signal transmission of RDK sensors
MERCEDES	Write wheel electronics id number
MERCEDES	Tourist Mode
MERCEDES	Torque Sensor Calibration
MERCEDES	Throttle valve actuator

Make	Special Function
MERCEDES	Tire warmer reactivation
MERCEDES	Tourist Mode
MERCEDES	Tire warmer reactivation
MERCEDES	Tire warmer reactivation
MERCEDES	Acceleration Sensor Calibration
MERCEDES	Yaw rate sensor calibration
MERCEDES	Yaw rate sensor calibration (Road test)
MERCEDES	Yaw,lateral and longitudinal calibrate
OPEL/VAUXHALL	ABS Return Pump Relay
OPEL/VAUXHALL	Accelerator Pedal Position Learn
OPEL/VAUXHALL	Catalyst Reset
OPEL/VAUXHALL	Crank Position Reluctor Wheel Learn
OPEL/VAUXHALL	DPF Pressure Sensor Learn
OPEL/VAUXHALL	DPF Reset
OPEL/VAUXHALL	EGR Valve Learn
OPEL/VAUXHALL	Exhaust Gas Temperature Sensor Learn
OPEL/VAUXHALL	Flywheel Learn
OPEL/VAUXHALL	Fuel Rail Pres. Sensor/Fuel Rail Learn
OPEL/VAUXHALL	Glow Plug Control Module Reset
OPEL/VAUXHALL	Heated O2 Sensor Learn
OPEL/VAUXHALL	Mass Air Flow Sensor Learn
OPEL/VAUXHALL	Program Immobiliser Function
OPEL/VAUXHALL	Reset Engine Control Module
OPEL/VAUXHALL	Turbocharger Learn
OPEL/VAUXHALL	Accelerator Pedal Position Learn
OPEL/VAUXHALL	ABS Solenoid Valves
OPEL/VAUXHALL	Air Path Programming
OPEL/VAUXHALL	Reset O2-Loop Block Learn Map
OPEL/VAUXHALL	Calibration/Reset Functions
OPEL/VAUXHALL	CAN Bus Configuration Learn
OPEL/VAUXHALL	Catalyst Reset
OPEL/VAUXHALL	Clutch Pedal Position Learn
OPEL/VAUXHALL	Clear Deployment Record
OPEL/VAUXHALL	Crank Position Reluctor Wheel Learn
OPEL/VAUXHALL	DPF Data
OPEL/VAUXHALL	DPF Pressure Sensor Learn
OPEL/VAUXHALL	DPF Regeneration
OPEL/VAUXHALL	DPF Replace
OPEL/VAUXHALL	DPF Reset
OPEL/VAUXHALL	Engine Reset Adaptives
OPEL/VAUXHALL	EGR Reset Adaptions
OPEL/VAUXHALL	EGR Valve Learn
OPEL/VAUXHALL	Engine Oil Life Reset
OPEL/VAUXHALL	Front Left ESP Channel Test
OPEL/VAUXHALL	Front Right ESP Channel Test
OPEL/VAUXHALL	Rear Left ESP Channel Test
OPEL/VAUXHALL	Rear Right ESP Channel Test
OPEL/VAUXHALL	Engine Reset Adaptions
OPEL/VAUXHALL	Erase Remote Keys
OPEL/VAUXHALL	Erase Transponder & Remote Keys
OPEL/VAUXHALL	Front Left ESP Channel Test
OPEL/VAUXHALL	Front Right ESP Channel Test
OPEL/VAUXHALL	Rear Left ESP Channel Test
OPEL/VAUXHALL	Rear Right ESP Channel Test
OPEL/VAUXHALL	Electronic Throttle Control
OPEL/VAUXHALL	EVAP Purge Solenoid Valve
OPEL/VAUXHALL	Exhaust Gas Temperature Sensor Learn
OPEL/VAUXHALL	Fuel Gauge Test
OPEL/VAUXHALL	Flywheel Learn
OPEL/VAUXHALL	Front Left Solenoid Valve Test
OPEL/VAUXHALL	Front Right Solenoid Valve Test
OPEL/VAUXHALL	Fuel Injector Balance Test
OPEL/VAUXHALL	Fuel Injector Learn
OPEL/VAUXHALL	Fuel Rail Pres. Sensor/Fuel Rail Learn
OPEL/VAUXHALL	Fuel Trim Reset
OPEL/VAUXHALL	Gear Control
OPEL/VAUXHALL	Glow Plug Control Module Reset
OPEL/VAUXHALL	Heated O2 Sensor Learn
OPEL/VAUXHALL	Fuel Injector Balance Test
OPEL/VAUXHALL	Idle Learn
OPEL/VAUXHALL	Small Injection Quantity Learning
OPEL/VAUXHALL	Initialise Remote Key
OPEL/VAUXHALL	Injector Programming
OPEL/VAUXHALL	Injector Relearn
OPEL/VAUXHALL	Instructions
OPEL/VAUXHALL	Intake Air Flow Valve Learn
OPEL/VAUXHALL	Injector Programming
OPEL/VAUXHALL	Program Idle Speed
OPEL/VAUXHALL	Clear Deployment Record
OPEL/VAUXHALL	Lock/Unlock Airbag
OPEL/VAUXHALL	Reset O2-Loop Block Learn Map
OPEL/VAUXHALL	Line Pressure Solenoid Test
OPEL/VAUXHALL	Reset Long Term Fuel Trim
OPEL/VAUXHALL	Reset Learned Values
OPEL/VAUXHALL	Mass Air Flow Sensor Learn
OPEL/VAUXHALL	DPF Data
OPEL/VAUXHALL	DPF Regeneration
OPEL/VAUXHALL	DPF Replace
OPEL/VAUXHALL	Fuel Trim Reset
OPEL/VAUXHALL	Replace Differential Pressure Sensor
OPEL/VAUXHALL	O2 Sensor Heater Learn

Make	Special Function
OPEL/VAUXHALL	Particle Filter Regeneration
OPEL/VAUXHALL	Program Code Index
OPEL/VAUXHALL	Program ECU
OPEL/VAUXHALL	Program HS CAN Bus Configuration
OPEL/VAUXHALL	Program Immobiliser Function
OPEL/VAUXHALL	Program LS CAN Bus Configuration
OPEL/VAUXHALL	Program Mechanical Key Number
OPEL/VAUXHALL	Program MS CAN Bus Configuration
OPEL/VAUXHALL	Program Remote Key
OPEL/VAUXHALL	Program Transponder & Remote Keys
OPEL/VAUXHALL	Program Transponder Key
OPEL/VAUXHALL	Program Variant Configuration
OPEL/VAUXHALL	Program VIN Number
OPEL/VAUXHALL	Pressure Regulator Sol. Valve Test
OPEL/VAUXHALL	Reconfigure Airbag Menu
OPEL/VAUXHALL	Replace Mass Air Flow Sensor
OPEL/VAUXHALL	Personalize/Reconfigure UCH
OPEL/VAUXHALL	Replace Precatalyst
OPEL/VAUXHALL	Replace Differential Pressure Sensor
OPEL/VAUXHALL	Rear Left Solenoid Valve Test
OPEL/VAUXHALL	Rear Right Solenoid Valve Test
OPEL/VAUXHALL	Replace Diesel Particulate Filter
OPEL/VAUXHALL	Replace Differential Pressure Sensor
OPEL/VAUXHALL	Replace Mass Air Flow Sensor
OPEL/VAUXHALL	Replace Precatalyst
OPEL/VAUXHALL	Replace Rail Pressure Sensor
OPEL/VAUXHALL	Reset ECU
OPEL/VAUXHALL	Reset Engine Oil Life
OPEL/VAUXHALL	Reset Service Interval
OPEL/VAUXHALL	Replace Diesel Particulate Filter
OPEL/VAUXHALL	Reset O2-Loop Block Learn Map
OPEL/VAUXHALL	Reset Engine Oil Life
OPEL/VAUXHALL	Replace Rail Pressure Sensor
OPEL/VAUXHALL	Reset Electronic Throttle Control
OPEL/VAUXHALL	Rev Counter Test
OPEL/VAUXHALL	Steering Angle Sensor Calibration
OPEL/VAUXHALL	Speedometer Test
OPEL/VAUXHALL	Small Injection Quantity Learning
OPEL/VAUXHALL	Shift Pressure Solenoid Test
OPEL/VAUXHALL	Front Left Solenoid Valve Test
OPEL/VAUXHALL	Front Right Solenoid Valve Test
OPEL/VAUXHALL	Rear Left Solenoid Valve Test
OPEL/VAUXHALL	Rear Right Solenoid Valve Test
OPEL/VAUXHALL	Front Left TC Valve Test
OPEL/VAUXHALL	Front Right TC Valve Test
OPEL/VAUXHALL	Torque Converter Clutch Solenoid Test
OPEL/VAUXHALL	Fuel Trim Reset
OPEL/VAUXHALL	Throttle Position Control
OPEL/VAUXHALL	Traction Control Solenoid Valves
OPEL/VAUXHALL	Tire Pressure Monitoring
OPEL/VAUXHALL	Turbocharger Learn
OPEL/VAUXHALL	Rear Pad Replacement Step 1
OPEL/VAUXHALL	Steering Angle Sensor Calibration
OPEL/VAUXHALL	Warning message definitions
OPEL/VAUXHALL	Rear Pad Replacement Step 2
PEUGEOT & CITROEN	Airbag Configuration
PEUGEOT & CITROEN	Initialisation Of Auto-adaptation
PEUGEOT & CITROEN	Air Flow Meter Replace (Lambda Only)
PEUGEOT & CITROEN	Activate/Deactivate TPM System
PEUGEOT & CITROEN	Read / Write Wheel Transmitter Modules
PEUGEOT & CITROEN	TPM Configuration Information
PEUGEOT & CITROEN	Flexible Additive Pouch Replacement
PEUGEOT & CITROEN	The Additive Pump Replacement
PEUGEOT & CITROEN	Brake Bleeding
PEUGEOT & CITROEN	Configuration
PEUGEOT & CITROEN	Brake Cable Replacement
PEUGEOT & CITROEN	Reset break-in table
PEUGEOT & CITROEN	BSI Procedure's
PEUGEOT & CITROEN	Check Of The Gearbox Control Actuator Oil Level
PEUGEOT & CITROEN	Draining Of The Gearbox Control Actuator Oil
PEUGEOT & CITROEN	Gearbox Programming
PEUGEOT & CITROEN	Removal/Refitting Or Replacement Of A Gearbox Control Actuator Position Sensor
PEUGEOT & CITROEN	Removal/Refitting Or Replacement Of A Solenoid Valve Or Of The Pressure Sensor
PEUGEOT & CITROEN	Removal/Refitting Or Replacement Of The Clutch Cover Or Of The Clutch Disc
PEUGEOT & CITROEN	Removal/Refitting Or Replacement Of The Control Actuator Reservoir Or Of The Accumulator
PEUGEOT & CITROEN	Removal/Refitting Or Replacement Of The Electropump Assembly
PEUGEOT & CITROEN	Removal/Refitting Or Replacement Of The Electropump Assembly Electric Motor
PEUGEOT & CITROEN	Replacement Of The Gear Lever
PEUGEOT & CITROEN	Replacement Of The Hydraulic Clutch Bearing
PEUGEOT & CITROEN	Replacement Of The Paddles At The Steering Wheel

\*Complete list refers to all possible functions – not all functions are available for all make and models. ©2014 Snap-on Incorporated. All rights reserved. Applications may vary dependent on platform. See inside back cover for details.



# Complete list of Special Functions Available\*

Make	Special Function	Make	Special Function	Make	Special Function
PEUGEOT & CITROEN	Calibration Gyrometer/Acce. Sensor	VW, AUDI, SEAT & SKODA	Steering Angle Sensor Calibration	VW, AUDI, SEAT & SKODA	TDI Dynamic Timing Tool
PEUGEOT & CITROEN	Calibration of Clutch Pedal Position Sensor	VW, AUDI, SEAT & SKODA	Adapting immobilizer to ECU (2nd generation)	VW, AUDI, SEAT & SKODA	Battery Coding Function
PEUGEOT & CITROEN	Calibration Of Steering Angle Sensor	VW, AUDI, SEAT & SKODA	Adapt Fuel Gauge	VW, AUDI, SEAT & SKODA	Remote Fob Functions
PEUGEOT & CITROEN	Calibration Steering Wheel Angle Sensor	VW, AUDI, SEAT & SKODA	Adapting Intake Manifold Flap (B1)	VW, AUDI, SEAT & SKODA	Tire Pressure Axle Pressure Adaption
PEUGEOT & CITROEN	De-calibration Of Steering Angle Sensor	VW, AUDI, SEAT & SKODA	Adapting ECU to immobilizer (2nd generation)	VW, AUDI, SEAT & SKODA	Vent/Prime Fuel Circuit Function
PEUGEOT & CITROEN	Deactivate Auto Application of EPB (If Fitted)	VW, AUDI, SEAT & SKODA	Adapt ABS Control Module	VW, AUDI, SEAT & SKODA	Emptying Fuel System Function
PEUGEOT & CITROEN	Depressurize Suspension	VW, AUDI, SEAT & SKODA	Adapt Installation Info	VW, AUDI, SEAT & SKODA	Injector Coding IQA/IVA Adjustment
PEUGEOT & CITROEN	Diesel Additive Maintenance/Resets	VW, AUDI, SEAT & SKODA	Relearn Procedures	VW, AUDI, SEAT & SKODA	DPF Regeneration Type 1(If Fitted)
PEUGEOT & CITROEN	Diesel Particle Filter Maintenance	VW, AUDI, SEAT & SKODA	Adapting Intake Manifold Flap (B2)	VW, AUDI, SEAT & SKODA	DPF Regeneration Type 2(if fitted)
PEUGEOT & CITROEN	Diesel Additive Maintenance/Resets	VW, AUDI, SEAT & SKODA	Adapt Fuel Consumption	VW, AUDI, SEAT & SKODA	Dynamic(Driving) DPF Regeneration
PEUGEOT & CITROEN	Decalibration Steering Wheel Ang. Sens.	VW, AUDI, SEAT & SKODA	A/C Basic Setting	VW, AUDI, SEAT & SKODA	Particulate Filter Regeneration
PEUGEOT & CITROEN	Decalibration Steering Wheel Angle Sensor	VW, AUDI, SEAT & SKODA	A/C Basic Setting CH 01	VW, AUDI, SEAT & SKODA	Injector Coding IQA/IVA Adjustment
PEUGEOT & CITROEN	Programming Of Steering Wheel Ang. Sens.	VW, AUDI, SEAT & SKODA	Bulb removal	VW, AUDI, SEAT & SKODA	Elec Window Limit Adjust Function
PEUGEOT & CITROEN	Steering Wheel Ang. Sens. Programming	VW, AUDI, SEAT & SKODA	Activating/deactivating CCS/ACC	VW, AUDI, SEAT & SKODA	Crafter Compression Test Function
PEUGEOT & CITROEN	Engine Configuration	VW, AUDI, SEAT & SKODA	Activating/deactivating CCS	VW, AUDI, SEAT & SKODA	Audi A8 Pad Thickness Function
PEUGEOT & CITROEN	BSI Configuration/Custom Options	VW, AUDI, SEAT & SKODA	Calibration of combination sensor	VW, AUDI, SEAT & SKODA	Park Assist Adaption Options
PEUGEOT & CITROEN	Initialization Of Auto-adaptation	VW, AUDI, SEAT & SKODA	Coding Engine Control Unit	VW, AUDI, SEAT & SKODA	Injector Smooth Running Test
PEUGEOT & CITROEN	Instrument Panel Configuration	VW, AUDI, SEAT & SKODA	Coding Engine Control Unit	VW, AUDI, SEAT & SKODA	Xenon Base Setting Function
PEUGEOT & CITROEN	Particle Filter Information	VW, AUDI, SEAT & SKODA	Clear Alarm Source	VW, AUDI, SEAT & SKODA	ESCL Replacement Function
PEUGEOT & CITROEN	Double Throttle Metering Valve	VW, AUDI, SEAT & SKODA	Check Alarm Source	VW, AUDI, SEAT & SKODA	Electronic Level Control Calibration
PEUGEOT & CITROEN	EGR Butterfly	VW, AUDI, SEAT & SKODA	Control module reset	VW, AUDI, SEAT & SKODA	Level Control Calibration Var : 2
PEUGEOT & CITROEN	EGR Valve	VW, AUDI, SEAT & SKODA	Coding ABS Control Module	VW, AUDI, SEAT & SKODA	DPF Regeneration Function(If Fitted)
PEUGEOT & CITROEN	EGR Valve	VW, AUDI, SEAT & SKODA	Activating/deactivating CCCP-V51	VW, AUDI, SEAT & SKODA	Steer Angle Sensor Calibration(If Fitted)
PEUGEOT & CITROEN	Initialize Double Throttle Metering Valve	VW, AUDI, SEAT & SKODA	Test Of Cooling Performance	VOLVO	Diesel Additive Module
PEUGEOT & CITROEN	Initialize EGR Butterfly	VW, AUDI, SEAT & SKODA	Coding Rain Sensor	VOLVO	Crash Data Reset
PEUGEOT & CITROEN	Initialize EGR Valve	VW, AUDI, SEAT & SKODA	Check Condition Of Transmission Fluid	VOLVO	Diesel Additive Check Level
PEUGEOT & CITROEN	Injector Programming	VW, AUDI, SEAT & SKODA	Coding Rain Sensor	VOLVO	Special Functions
PEUGEOT & CITROEN	Injector Replacement Reset	VW, AUDI, SEAT & SKODA	Adapt BCM	VOLVO	Electronic Throttle Module Test
PEUGEOT & CITROEN	Turbo Limits	VW, AUDI, SEAT & SKODA	Forced DPF regeneration	VOLVO	Quick Test Of Fuel Pump
PEUGEOT & CITROEN	Knock Counter Reset	VW, AUDI, SEAT & SKODA	DSG Mechatronic Basic Calibration	VOLVO	Quick Test Of Fuel Pump
PEUGEOT & CITROEN	Overboost Counter Reset	VW, AUDI, SEAT & SKODA	Lateral Acceleration Sensor Calibration	VOLVO	Quick Test Of Fuel Pump
PEUGEOT & CITROEN	Self-learn Functions Reset	VW, AUDI, SEAT & SKODA	Brake Pressure sensor Calibration	VOLVO	Diesel Additive Refilling Feed Hose With Additive
PEUGEOT & CITROEN	Zeroing Of Self-adaption Parameters	VW, AUDI, SEAT & SKODA	Yaw Rate Sensor Calibration	VOLVO	Test Of Indicators And Lamps
PEUGEOT & CITROEN	Learning	VW, AUDI, SEAT & SKODA	Longitudinal Acceleration sensor Cal.	VOLVO	Test Of Indicators And Lamps
PEUGEOT & CITROEN	Calibration Longitudinal Acceleration Sensor	VW, AUDI, SEAT & SKODA	Exhaust Gas Recirculation Reset.	VOLVO	Maintenance Mode
PEUGEOT & CITROEN	Lock/Unlock Airbag	VW, AUDI, SEAT & SKODA	CAN Brake Bleed Procedure.	VOLVO	Quick Test of Fuel Tank
PEUGEOT & CITROEN	MMT Reset procedures	VW, AUDI, SEAT & SKODA	ESP Road Test	VOLVO	Diesel Additive Reset Tank Level Guage
PEUGEOT & CITROEN	Moving Panel Cycle Test	VW, AUDI, SEAT & SKODA	Encoding Extended Service Intervals	VOLVO	Sensor Calibrations
PEUGEOT & CITROEN	Neutral Signal Learn	VW, AUDI, SEAT & SKODA	Adaptation values	VOLVO	ABS Calibration
PEUGEOT & CITROEN	Oil Wear Counter	VW, AUDI, SEAT & SKODA	Exceptional bleeding	VOLVO	Sensor Calibrations
PEUGEOT & CITROEN	Oil Parameter Reinitialisation	VW, AUDI, SEAT & SKODA	Coding/Configuration Function	VOLVO	Calibration
PEUGEOT & CITROEN	Electric Parking Brake Replacement	VW, AUDI, SEAT & SKODA	Park Brake Replacement Function	VOLVO	Sensor Calibrations
PEUGEOT & CITROEN	Pre Catalyst Replacement (DPF only)	VW, AUDI, SEAT & SKODA	Fill And Ventilate Cooling System	VOLVO	Throttle Adaptation
PEUGEOT & CITROEN	Particle Filter And Diesel Additive Maintenance	VW, AUDI, SEAT & SKODA	Park Brake Basic Setting Function	VOLVO	Transmission Control Module Adaptation Reset
PEUGEOT & CITROEN	Accelerator Pedal Learning	VW, AUDI, SEAT & SKODA	Dynamic Compression test	VOLVO	Transmission Control Module Adaptation
PEUGEOT & CITROEN	Part Removal / Refitting	VW, AUDI, SEAT & SKODA	Deactivate Factory Mode	VOLVO	Program Tire Pressure Sensor IDs
PEUGEOT & CITROEN	Particle Filter Regeneration (DPF only)	VW, AUDI, SEAT & SKODA	Coding Instrument Panel	VOLVO	Transmission Fluid Change Counter Reset
PEUGEOT & CITROEN	Differential Press. Sensor Replacement	VW, AUDI, SEAT & SKODA	Injector Programming	SMART	Calibration Of Temperature Adjusting Knob
PEUGEOT & CITROEN	Activate Auto Application of EPB (If fitted)	VW, AUDI, SEAT & SKODA	Adapt Inlet Valve	SMART	Relearn Procedures
PEUGEOT & CITROEN	Reset Counters	VW, AUDI, SEAT & SKODA	Learning Kick-down Shift Point	SMART	Brake Bleed
PEUGEOT & CITROEN	Filter Regeneration	VW, AUDI, SEAT & SKODA	Long Coding Engine Control Unit	SMART	Bulb removal
PEUGEOT & CITROEN	Resetting Of Needles To Zero	VW, AUDI, SEAT & SKODA	Adapt Language Version	SMART	Calibration Of Steering Angle Sensor
PEUGEOT & CITROEN	Read & Write Counters	VW, AUDI, SEAT & SKODA	Move Gear Selector To -N- Position	SMART	Control module reset
PEUGEOT & CITROEN	Set Gearbox Actuator To Refitting Position	VW, AUDI, SEAT & SKODA	Oil level refill/check	SMART	Camshafts
PEUGEOT & CITROEN	Set Gearbox Actuator To Removal Position	VW, AUDI, SEAT & SKODA	Adapt Outlet Valve	SMART	Compression test
PEUGEOT & CITROEN	Service Reset	VW, AUDI, SEAT & SKODA	Rear Brake Pad Replacement Procedure	SMART	Forced DPF regeneration
PEUGEOT & CITROEN	Slope Sensor Calibration	VW, AUDI, SEAT & SKODA	Adapt Remote Key	SMART	Dynamometer mode
PEUGEOT & CITROEN	Automatic Gearbox ECU Replacement	VW, AUDI, SEAT & SKODA	Relearn Procedures	SMART	Adaptation values
PEUGEOT & CITROEN	Automatic Gearbox Oil Change	VW, AUDI, SEAT & SKODA	Release Fuel High Pressure	SMART	Exceptional bleeding
PEUGEOT & CITROEN	Automatic Gearbox Oil Wear Counter	VW, AUDI, SEAT & SKODA	CAN Throttle Body Reset.	SMART	Glow time output stage
PEUGEOT & CITROEN	Replacement Of The Automatic Gearbox	VW, AUDI, SEAT & SKODA	Throttle Body Reset.	SMART	Injector Programming
PEUGEOT & CITROEN	Type Of Driving	VW, AUDI, SEAT & SKODA	Reset Throttle Body	SMART	Learn Clutch
PEUGEOT & CITROEN	Type Of Vehicle	VW, AUDI, SEAT & SKODA	Reset Throttle Body CH 60	SMART	Teach-in of throttle stop
PEUGEOT & CITROEN	Lock/Unlock Airbag	VW, AUDI, SEAT & SKODA	Reset Throttle Body CH 01	SMART	Cylinder cut out test
PEUGEOT & CITROEN	Wipers to maintenance position	VW, AUDI, SEAT & SKODA	Reset Throttle Body CH 98	SMART	Oil level refill/check
RENAULT & DACIA	Reset Adaptions	VW, AUDI, SEAT & SKODA	Steering Angle Sensor Calibration MK70	SMART	Inlet port shut off
RENAULT & DACIA	Air Path Programming	VW, AUDI, SEAT & SKODA	SBC activate system	SMART	Coding
RENAULT & DACIA	Engine Reset Adaptions	VW, AUDI, SEAT & SKODA	SBC deactivate system	SMART	Relearn Procedures
RENAULT & DACIA	EGR Programming	VW, AUDI, SEAT & SKODA	Speed Limit Of The Dynamic Oil Pressure Warning	SMART	Regular DPF regeneration
RENAULT & DACIA	Engine Reset Adaptions	VW, AUDI, SEAT & SKODA	SBC deactivate system	SMART	SBC activate system
RENAULT & DACIA	EGR Reset Adaptions	VW, AUDI, SEAT & SKODA	SBC activate system	SMART	SBC deactivate system
RENAULT & DACIA	Injector Programming	VW, AUDI, SEAT & SKODA	Throttle Valve Adaptation	SMART	Cylinder cut out test
RENAULT & DACIA	Key Card Programming Ph1 models Only	VW, AUDI, SEAT & SKODA	Test Of Cooling Performance	SMART	Test Signal Transmission Of Sensors
RENAULT & DACIA	Key Card Programming > 2007 only	VW, AUDI, SEAT & SKODA	Park Brake test	SMART	Write Wheel Electronics Identification Number
RENAULT & DACIA	Lock/Unlock Airbag	VW, AUDI, SEAT & SKODA	Tourist Mode	SMART	Teach In Blending Air Flap Actuator
RENAULT & DACIA	Emergency Handbrake Release	VW, AUDI, SEAT & SKODA	AT Basic Setting	SMART	Throttle valve actuator
RENAULT & DACIA	Particle Filter Regeneration	VW, AUDI, SEAT & SKODA	Reset Throttle Body	SMART	Tire warmer reactivation
RENAULT & DACIA	Reconfigure Airbag Menu	VW, AUDI, SEAT & SKODA	Steer Angle Sensor Calibration(If Fitted)	SMART	Tourist Mode
RENAULT & DACIA	Personalize/Reconfigure UCH	VW, AUDI, SEAT & SKODA	System Function Test Info (Dtc 01486)	SMART	Teach In Transmission
RENAULT & DACIA	Steering Angle Reset	VW, AUDI, SEAT & SKODA	ESCL Replacement Function	SMART	Actuator Tests
RENAULT & DACIA	Tire Pressure System Disable	VW, AUDI, SEAT & SKODA	Transport Mode Function	SMART	DPF Regeneration
RENAULT & DACIA	Tire Pressure System Enable	VW, AUDI, SEAT & SKODA	Airbag Index Coding Function	SMART	DPF Regeneration Pressure Sensor Initial Learn
RENAULT & DACIA	Tire Pressure Monitoring	VW, AUDI, SEAT & SKODA	Static(Stationary) DPF Regeneration	SMART	Injector Programming
RENAULT & DACIA	Rear Pad Replacement Step 1	VW, AUDI, SEAT & SKODA	Emptying Fuel System Function	SMART	
RENAULT & DACIA	Steering Angle Calibration	VW, AUDI, SEAT & SKODA	Vent/Prime Fuel Circuit Function	SMART	
RENAULT & DACIA	Rear Pad Replacement Step 2	VW, AUDI, SEAT & SKODA	Static(Stationary) DPF Regeneration.	SMART	
VW, AUDI, SEAT & SKODA	Long Coding Function	VW, AUDI, SEAT & SKODA	Vent/Prime Fuel Circuit Function	SMART	
VW, AUDI, SEAT & SKODA	Long Coding without Configuration List	VW, AUDI, SEAT & SKODA		SMART	
VW, AUDI, SEAT & SKODA	Long Coding with Configuration List	VW, AUDI, SEAT & SKODA		SMART	

## Complete list of Special Functions Available\*

Make	Special Function
SUBARU, HONDA, KIA & SUZUKI	Idle Air Control Calibration
SUBARU, HONDA, KIA & SUZUKI	Injector Programming
SUBARU, HONDA, KIA & SUZUKI	ISV Force Learning
SUBARU, HONDA, KIA & SUZUKI	MAF Sensor Learning Clear
SUBARU, HONDA, KIA & SUZUKI	Reset 'Calculated PM Value'
SUBARU, HONDA, KIA & SUZUKI	Replace DPF
SUBARU, HONDA, KIA & SUZUKI	Replace Differential Pressure Sensor
SUBARU, HONDA, KIA & SUZUKI	Read Injector Codes
SUBARU, HONDA, KIA & SUZUKI	Steering Angle Sensor Calibration
SUBARU, HONDA, KIA & SUZUKI	Special Functions
SUBARU, HONDA, KIA & SUZUKI	Write Injector Codes
MAZDA	O2 Sensor Data Reset
MAZDA	Air Intake Actuator/Air Conditioning Compressor
MAZDA	O2/Air Fuel Ratio Sensor Reset
MAZDA	Airflow Mode Actuator
MAZDA	Air Mix Actuator
MAZDA	Air Intake Actuator/Air Conditioning Compressor
MAZDA	Air Mix Actuator
MAZDA	Brake Fluid Pressure Sensor
MAZDA	Brake Fluid Pressure Sensor Initialization
MAZDA	Blower Motor Speed
MAZDA	Brake Fluid Pressure Sensor
MAZDA	Air Conditioning Compressor
MAZDA	DPF Data Reset
MAZDA	Diesel Particle Filter Regeneration
MAZDA	DPF Pressure Sensor Data Reset
MAZDA	DPF Pressure Sensor Data Reset
MAZDA	ETB/EGR Initialization
MAZDA	Engine Oil Data Reset
MAZDA	EPS Neutral Position Setting
MAZDA	Fuel Pump Data Reset
MAZDA	Illumination of All Indicator Lights
MAZDA	Injector Coding
MAZDA	Injector Data Reset
MAZDA	Illumination of All Indicator Lights
MAZDA	Injector Coding
MAZDA	Injector Data Reset
MAZDA	Illumination of All Indicator Lights
MAZDA	Lateral Acceleration Sensor
MAZDA	Lateral Acceleration Sensor Initialization
MAZDA	Longitudinal Acceleration Sensor Initialization
MAZDA	Longitudinal Acceleration Sensor
MAZDA	Lateral Acceleration Sensor
MAZDA	Longitudinal Acceleration Sensor
MAZDA	MAF Sensor Data Reset
MAZDA	Airflow Mode Actuator
MAZDA	EPS Neutral Position Setting Procedure
MAZDA	PCM Data Reset
MAZDA	DPF Data Reset
MAZDA	Diesel Particle Filter Regeneration
MAZDA	Rear Blower Motor Speed
MAZDA	Injector Programming
MAZDA	Rear Vent Actuator
MAZDA	Steering Angle Sensor Calibration
MAZDA	DPF Static Regeneration
MAZDA	Steering Angle Sensor Initialization
MAZDA	DPF Static Regeneration
MAZDA	TPMS Registration
MAZDA	Air Intake Actuator
MAZDA	Electric Water Pump (For EATC)
MAZDA	Yaw Rate Sensor
MAZDA	Yaw Rate Sensor Initialization
MAZDA	Yaw Rate Sensor
HONDA	Actuator Tests
HONDA	DPF Regeneration
HONDA	DPF Regeneration Pressure Sensor Initial Learn
HONDA	Injector Programming
HONDA	Idle Air Control Calibration
HONDA	Injector Programming
HONDA	ISV Force Learning
HONDA	MAF Sensor Learning Clear
HONDA	Reset 'Calculated PM Value'
HONDA	Replace DPF
HONDA	Replace Differential Pressure Sensor
HONDA	Replace DPF
HONDA	Read Injector Codes
HONDA	Steering Angle Sensor Calibration

Make	Special Function
HONDA	Special Functions
HONDA	Write Injector Codes
BMW	Reset Adaptations
BMW	Battery Replacement
BMW	Reset Adaptations
BMW	Display And Reset Adaptation Values
BMW	Oil Level Adjustment
BMW	Display And Reset Adaptation Values
BMW	Mechatronic calibration
BMW	Battery Replacement
BMW	CAS Resynchronization
BMW	Injector Coding
BMW	Particulate Filter Regeneration
BMW	Steering Angle Reset
BMW	Injector Coding
BMW	Particulate Filter Regeneration
BMW	Air Suspension Calibration
BMW	EWS Resynchronization
BMW	Air Suspension Calibration
BMW	Assembly Mode
BMW	Workshop Braking-in
BMW	Positioning -travel Check
BMW	Rear Pad Replacement
BMW	Replacement Procedures
BMW	Steering Angle Reset
BMW	Tire Pressure Adaptation Manual Procedure
BMW	Reset MAFF
BMW	Teach In Components
BMW	Valvetronic Limit Learn
BMW	Valvetronic Minimum Stroke Adjustment
BMW	Valvetronic Servomotor Removal
BMW	Window Initialisation
BMW	Front Window Initialisation



# FEATURES



HARDWARE	ETHOST+	SOLUS Ultra	MODIS Ultra	VERDICT	VERDICT PRO
Service Light Resets	✓	✓	✓	✓	✓
Health Check Function	✓	✓	✓	✓	✓
Colour LCD display	✓	✓	✓	✓	✓
Functional Tests		✓	✓	✓	✓
Built in TroubleShooter		✓	✓	✓	✓
Component Test Meter			✓	✓	✓
4-way navigation buttons	✓	✓	✓	✓	✓
Touchscreen navigation	✓	✓	✓	✓	✓
Graphing - view up to 4 parameters at once	✓	✓	✓		
Graphing - view up to 16 parameters at once				✓	✓
USB PC interface to ShopStream Connect™	✓	✓	✓	✓	✓
Vehicle power indicator	✓	✓	✓	✓	✓
Rechargeable battery		✓	✓	✓	✓
USB stick compatible for extra storage				✓	✓
Internal Hard drive for extra storage				✓	✓
Ignition scope				✓	✓
Full digital scope facility			✓	✓	✓
Full Windows XP operating system				✓	✓
Fast 2 channel lab scope with presets and Component Test Meter			✓	✓	
Fast 4 channel lab scope with presets and Component Test Meter					✓
Optional Docking station for additional connectivity for peripherals				✓	✓
Bluetooth connectivity for file sharing				✓	✓
WiFi internet access				✓	✓
Built in QWERTY keyboard				✓	✓
Integrated 2 Mega Pixel Camera				✓	✓
Wireless Scan Module				✓	✓
No personality keys	✓	✓	✓	✓	✓
Recalls 25 previous vehicles	✓	✓	✓		
Recall and search all previously stored vehicles				✓	✓
Record up to 2000 frames of data	✓	✓	✓	✓	✓
Built in technical diagrams and illustrations, wiring diagrams					✓







# DIAGNOSTIC TRAINING AND SUPPORT PROGRAMMES

Buying the right Diagnostic Tool and Software is the first step – learning how to use it and keeping up to date with the latest vehicle diagnostics is the next step – Snap-on has it covered!



## ON TOOL TRAINING CLASSES

Our Component Test Meter is loaded with support. Training classes covering subjects such as Tyre Pressure Monitoring, Hybrid Vehicles, Brake Electronics, Air Conditioning, O<sub>2</sub> Sensor Info and test tips are all included in the tool. See p17 for a full list of training classes available.†



## ONLINE TRAINING

Available 24 hours a day and completely free of charge – Snap-on has online training available for all our Diagnostic Tools, taking you step by step through how to get the best from your kit.



## SEMINARS

Real world seminars at over 50 locations throughout the UK. Covering subjects like:

- **Engine emissions diagnostics** – looking at how the different service modes are used in diagnostics, relationship testing and understanding the basics of emissions testing
- **Vehicle Networking** – Understanding topography and gateways, interpreting data signals and understanding the correct terminology
- **Plus many other subjects** including Direct Petrol Injection, Component Testing, Common Rail Diesel and 'Beyond the Fault Code'



## FULL DAY TRAINING SESSIONS

- A full days training is included with VERUS Pro, Verdict and MODIS\*
- Get the most out of your investment by attending a one day Snap-on training course and seeing in detail what your new diagnostic tool can do

Subjects covered include:

- Understanding the methods of diagnostics and the correct procedures to follow
- Understanding fault codes and how a code is constructed
- An introduction to the Snap-on Component Test Meter (CTM) and oscilloscope

- MODIS and VERUS Pro training is now IMI approved
- Gain IMI CPD points when attending a course
- Plus, get IMI certification of completion\*\*



**CALL 0845 6066512 FOR HANDHELD PRODUCT SUPPORT AND CARFIX**

\*Full days free training is included for 1 attendee with a purchase of VERUS Pro, VERDICT and MODIS new platforms. Additional training courses for other diagnostic platforms or additional attendee places may be available at an additional charge. \*\* Certification is gained through a multiple choice test at the end of the days training. †Training classes are only included as part of the Component Test Meter, which is not included in all Diagnostic Scantools, see reverse page for details.