



**actron.**

**TOP REPORTED FIXES**  
1-Replaced Ignition Coil  
2-Replaced Distributor Cylinder  
Position Sensor

**FREQ REPORTED FIX**  
1-Replaced Alternator  
2-Distributor

**ALSO REPORTED FIXES**  
1-Replaced Ignition Coil Shield

**Elite AutoScanner®**

# Work Less. Live More.

Actron's scan tools and code readers quickly and accurately diagnose your vehicle so you can get the job done right the first time and get back to doing what you want.



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## TrueLink™ Technology

Every Actron scan tool and code reader incorporates CAN and the patented TrueLink Technology which guarantees the tool will link to and communicate with every OBD II compliant (1996 and newer) vehicle assuring the user of fast and accurate diagnostic output - the key ingredient to an effective repair.

# U-Scan™

CP9600 OBD II and CAN Smartphone Interface.

## Smartphone wireless vehicle diagnostics



### VEHICLE DIAGNOSTICS MADE EASY

U-Scan™ provides do-it-yourselfers with access to their vehicle diagnostics using their smartphone.

Get the answers to the cause of the check engine light. Simply plug the adapter into your vehicle and, using your Android or Apple smartphone, read the definitions for the DTCs that caused the check engine light to illuminate.



#### FREE APP INCLUDED

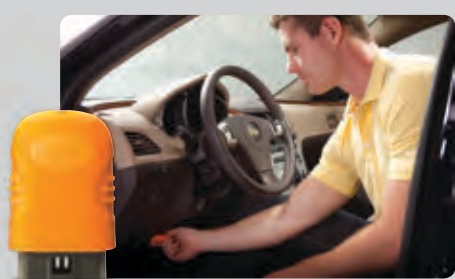
Save repair time and money. Perform a QuickCheck™ to diagnose and reset your check engine light, view emissions status, read code definitions and more.

**FREE CODECONNECT® ON YOUR FIRST VEHICLE.**

### HOW IT WORKS



1. Download free U-Scan™ app.

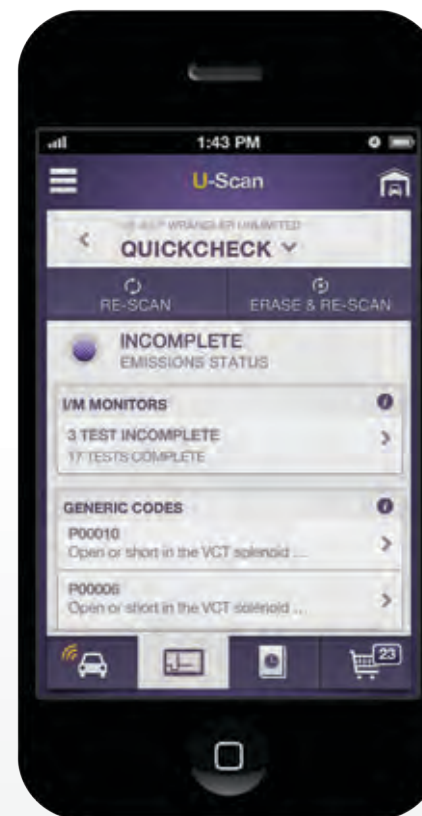


2. Plug U-Scan™ into vehicle port usually found underneath steering column.



3. Instantly connect your smartphone to your vehicle.

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9600 Case Pack	4	1.5 lbs	11.0"H x 7.0"W x 6.0"D	20021467854573
CP9600 Unit	1	0.3 lbs	10.2"H x 6.5"W x 1.5 "D	021467854579



Works with all cars and light trucks 1996 and newer (OBD II & CAN)



### U-SCAN™ APP FEATURES

- **QuickCheck™** Summary of vehicle emissions, DTCs and code definitions
- **AutoID™** Automatically identify most 2000 and newer vehicles
- **TrueLink™** Guaranteed to link to all 1996 and newer vehicles
- **Vehicle Activity Log** History of vehicle tests and procedures
- **MyGarage™** Manage vehicles for easy access

### QUICKCHECK™ FEATURES

- Read DTCs and code definitions.
- Erase DTCs and turn off the Check Engine light.
- I/M Monitors (Emissions).



## Want to know more than the basics?



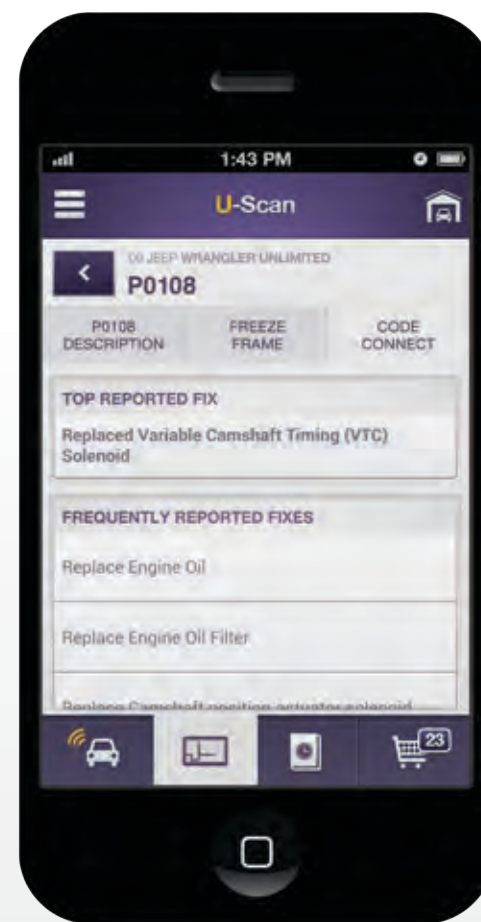
### POWERTRAIN ENHANCED DATA

- Get access to Powertrain DTCs and definitions related to the check engine light for most 1996 and newer GM, Ford, Chrysler, Honda, Hyundai, Nissan and Toyota vehicles via the manufacturer specific diagnostic command.
- Manufacturer specific code definitions for GM, Ford, Chrysler, Toyota, Honda, Nissan, Hyundai, Audi, BMW, Daewoo, Isuzu, Jaguar, Kia, Land Rover, Mazda, Mercedes Benz, Mitsubishi, Porsche, Saab, Subaru, Suzuki, Volkswagen, and Volvo.
- Freeze Frame data - Details the conditions of the vehicle at the time the DTC was set.
- View and Graph LIVE Data - View RPMs, coolant temperature, oxygen sensor readings and more for a faster diagnosis. Over 300 sensor and data items are available as supported by vehicle.

### GET ADVANCED APP FEATURES

- Unlock CodeConnect™ and access the most likely cause of the check engine light. Get manufacturer specific powertrain DTC fixes. (If CodeConnect™ is owned.)
- Enable manufacturer specific diagnostic command for Erase DTCs.

## Includes over 26 Million Top Reported Fixes



### CODECONNECT®



Get the next step in diagnosing your vehicle. CodeConnect™ is a comprehensive database of over 26 million verified fixes for the DTCs that cause the check engine and ABS warning lights to illuminate. These actual vehicle fixes have been reported and then verified by our team of ASE certified technicians.

### ABS DTCs AND DEFINITIONS



- Get access to the ABS brake DTCs and definitions related to the ABS warning light for most 1996 and newer GM, Ford, Chrysler, Honda, Hyundai, Nissan and Toyota vehicles.
- Unlock CodeConnect™ ABS fixes and access the most likely cause of the ABS warning light (If CodeConnect™ is owned.)
- Enable manufacturer specific diagnostic command for Erase DTCs.

### AIRBAG DTCs AND DEFINITIONS



- Get access to the airbag DTCs and definitions related to the airbag warning light for most 1996 and newer GM, Ford, Chrysler, Honda, Hyundai, Nissan and Toyota vehicles.
- Unlock CodeConnect™ airbag fixes and access the most likely cause of the airbag warning light (If CodeConnect™ is owned.)
- Enable manufacturer specific diagnostic command for Erase DTCs.

Note: You must purchase ABS and/or Airbag DTCs and Definitions to access respective CodeConnect coverage for manufacture specific ABS and Airbag warning lights.

# CP9690 ELITE AUTOSCANNER® KIT

Enhanced OBD I & OBD II Scan Tool

**Get GM, Ford Chrysler, and Toyota OBD I. Get updatable, manufacturer-specific live data for all 1996 and newer vehicles.**



Patent No. Des. 6,701,233  
Patent No. Des. 6,928,349

CP9690 Trilingual Elite AutoScanner Pro offers advanced do-it-yourselfers the features they asked for in a scan tool. Enhanced features include the ability to read manufacturer specific DTCs, graph engine data, record and playback stored vehicle information, and the ability to print the information through a PC. Compatible with all 1996 and newer vehicles (OBD II), the CP9690 has all the same software features of the CP9680 but also includes OBD I cables for 1984 - 1995 GM, Ford, Chrysler, and Toyota vehicles. Reads LIVE engine data for both OBD II and OBD I vehicles.

### NEW FEATURES

- Color Screen
- Updated Vehicle Model Year Coverage through 2013
- CodeConnect® 26M experience based fixes
- Oil light reset
- Battery Reset
- GM DTC status
- Support 5 previous vehicles searches
- AutoID upon plugging into vehicle
- Quick Test
- Code Criteria
- Battery / Alternator / Charging System Monitor
- Dual PID Graph
- Hands Free - Automatic Vehicle Link Function to Diagnostic Information

### CP9690 includes the following:

CP9690 handset	Ford OBD I MCU/EEC-IV cable	Blow molded hard case	Manual
OBD II cable	Chrysler OBD I SCI cable	Cigarette lighter adapter	
GM OBD I ALDL cable	6-foot extension cable	Vehicle battery adapter	
Optional cable available: CP9130 Chrysler LH on page 18		Optional cable available: CP9131 Ford MECS on page 18	

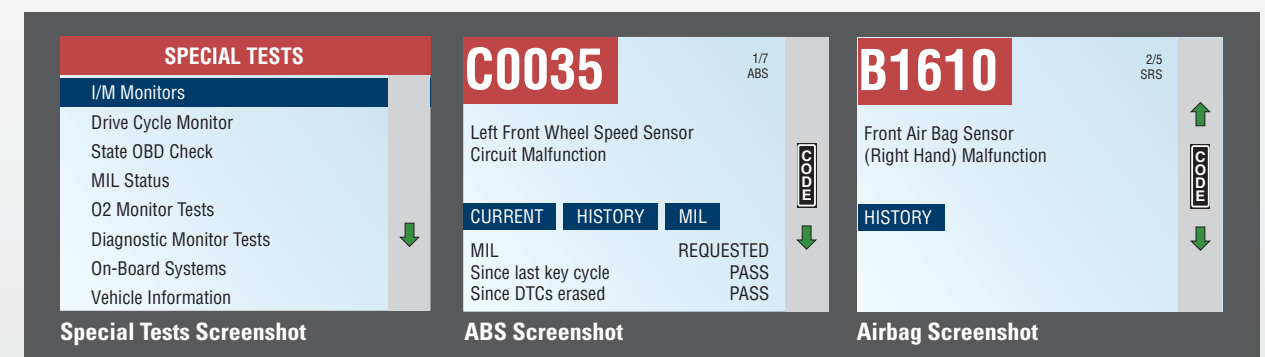
SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9690 Case Pack	4	15.0 lbs	13.5"H x 11.3"W x 16.0"D	20021467854559
CP9690 Unit	1	3.6 lbs	13.5"H x 11"W x 4"D	021467854555

# CP9690 ELITE AUTOSCANNER® KIT

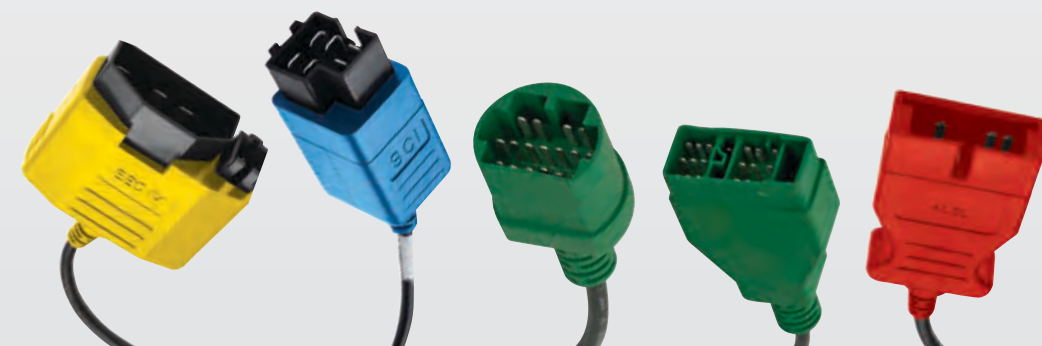
Enhanced OBD I & OBD II Scan Tool

### FEATURES

- 26 million+ top reported fixes
- ABS & SRS/Airbag coverage for most 1996-2013 GM, Ford, CHrysler, Honda, Hyundai, Nissan and Toyota vehicles
- OBD I functionality – cables included for '84-'95 Ford, '84-'95 GM and '89-'95 Chrysler and Toyota vehicles
- Compatible with ALL 1996 and newer import and domestic vehicles (OBD II & CAN), as well as '94 and '95 OBD II compliant vehicles
- Graph data – (1996 and newer)
- Trilingual menu and options – English, French, Spanish
- Read, record and play back LIVE sensor data
- Reads, displays and erases generic, enhanced Diagnostic Trouble Codes (DTCs)
- On screen code definitions
- Resets check engine light
- Internet updateable
- Large, backlit, graphic LCD
- Displays emissions readiness status (I/M Readiness Monitors)
- Displays freeze frame data
- OBD II code library built into tool
- Displays O2 monitor test
- State OBD II check (emissions)
- OBD II drive cycle mode
- Displays MIL status
- Diagnostic monitor test
- Retains the most recently scanned vehicle's data and configuration
- Battery powered for review of vehicle data off vehicle
- Vehicle information (includes VIN and calibration IDs)
- Help screens
- DTC look-up feature
- PC compatible with ability to print
- Cables, adapters, hard case, and manual



### CP9690 KIT INCLUDES



# CP9680 AUTOSCANNER® PLUS

CodeConnect with ABS & Airbag Coverage

**Get updatable, manufacturer specific live data for all 1996 and newer vehicles. Includes expanded ABS and Airbag/SRS coverage for most Domestic and Asian vehicles.**



Patent No. Des. 6,701,233  
Patent No. Des. 6,928,349

**THE TOP REPORTED FIX IS THE MOST PROBABLE SOLUTION TO THE VEHICLE PROBLEM AND IS A SHORTCUT FOR TROUBLESHOOTING EFFORTS.**



The new CP9680 AutoScanner Plus with CodeConnect™ and ABS/Airbag

displays not just the DTC, but also helps prioritize troubleshooting with the Top Reported Fixes specific to the vehicle's make, model, year and engine at the touch of the CodeConnect hot key to "connect" with the most probable solution to the problem.



CodeConnect is a comprehensive database of over 26 million verified fixes for the DTCs that cause the check engine light to illuminate. These actual vehicle fixes have been reported and then verified by our team of ASE certified technicians.

The CodeConnect information takes vehicle repairs to another level for do-it-yourselfers and technicians alike. CodeConnect provides actual fixes to the problem causing the check engine light to illuminate - providing the Top Reported Fix from the CodeConnect database.

\*Code Connect data in English only

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9680 Case Pack	4	6 lbs	12.0"H x 8.3" W x 6.0"D	20021467854542
CP9680 Unit	1	1.25 lbs	11"H x 8"W x 1.5"D	021467854548

# CP9680 AUTOSCANNER® PLUS

CodeConnect with ABS & Airbag Coverage

## NEW FEATURES

- Color Screen
- Updated Vehicle Model Year Coverage through 2013
- CodeConnect® 26M experience based fixes
- Oil light reset
- Battery Reset
- GM DTC status
- Support 5 previous vehicles searches
- AutoID upon plugging into vehicle
- Quick Test
- Code Criteria
- Battery / Alternator / Charging System Monitor
- Dual PID Graph
- Hands Free - Automatic Vehicle Link Function to Diagnostic Information

## SOFTWARE FEATURES

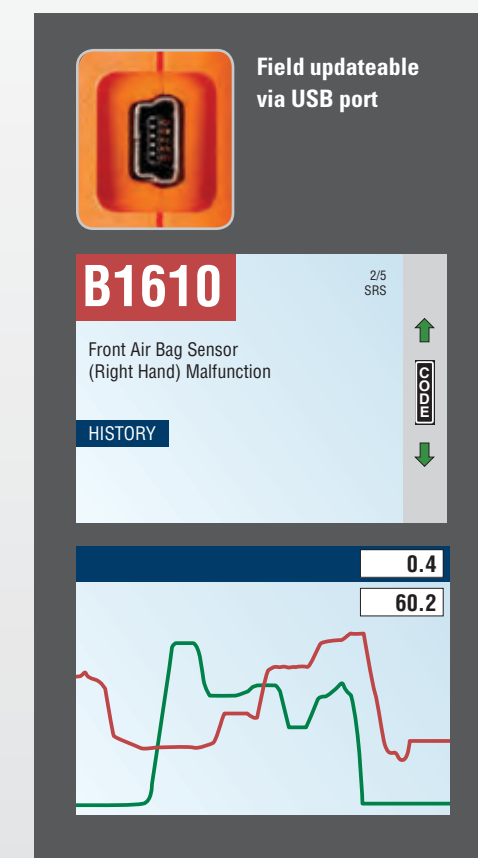
- ABS & SRS/Airbag coverage for most 1996-2013 GM, Ford, CHrysler, Honda, Hyundai, Nissan and Toyota vehicles
- Compatible with ALL 1996 and newer import and domestic vehicles (OBD II & CAN), as well as '94 and '95 OBD II compliant vehicles
- Custom data list for LIVE data
- Record and playback LIVE engine data, graph LIVE data
- Displays all modes global OBD II data
- Freeze frame data
- Drive cycle mode
- Read and display MIL status and I/M monitors
- State OBD check
- DTC lookup library
- Visual indicator when communicating with vehicle
- Trilingual menus and definitions

## HARDWARE FEATURES

- Color Screen
- Optional battery power
- Trilingual manual (English, Spanish, and French)
- Field updateable via USB port
- Print data to PC



CP9680 indicates on screen which codes have the CodeConnect details. Then it's a simple push of the button to get the CodeConnect information.



# CP9670 AUTOSCANNER®

Live data with color screen

**Displays manufacturer specific code definitions for 1996 and newer vehicles.**



## NOW, MORE AFFORDABLE THAN EVER AND READS LIVE DATA.

Live Data allows you to view vehicle sensor, switch and relay inputs in real time, while the engine is running. LIVE data information helps pinpoint the problem components for a faster diagnosis.

Autoscanner has the ability to display generic and manufacturer specific DTCs and definitions, ABS codes and definitions, all modes of OBDII data, permanent DTCs, trilingual, freeze frame, State OBD check (emissions) drive cycle mode and much more.

- Color screen
- Manufacturer specific and ABS code definitions
- Record and graphic live data
- Compatible with ALL 1996 and newer import and domestic vehicles (OBD II & CAN), as well as 1994 and 1995 OBD II compliant vehicles
- Convenient size, operate with one hand
- LIVE real-time data, over 300 possible data PIDs available depending on vehicle
- Over 15,000 generic and manufacturer specific DTC definitions
- Reset MIL and turn off Check Engine light
- Backlit display

Patent No. Des. 6,701,233  
Patent No. Des. 6,928,349

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9670 Case Pack	4	3.5 lbs	11.0"H x 6.5"W x 5.0"D	20021467854535
CP9670 Unit	1	.75 lbs	10.2"H x 6.5"W x 1.5"D	021467854531

# CP9670 AUTOSCANNER®

Trilingual OBD II and CAN Scan Tool

## NEW FEATURES

- Color LCD
- Updated Vehicle Model Year Coverage through 2013
- ABS – Read / Erase codes and definitions for GM, Ford, Chrysler, Toyota, Honda, Nissan, and Hyundai vehicles.
- Record / Playback of live data
- Powertrain - Read / Erase codes and definitions for GM, Ford, Chrysler, Toyota, Honda, Nissan, and Hyundai vehicles
- Battery / Alternator / Charging System Monitor
- Review of stored vehicle data
- AutoID upon plugging into vehicle – automatically populates vehicle VIN#, make, model and year for most 2000 and newer vehicles

## FEATURES

- Read and display LIVE engine data
- Read and display MIL status
- Tool gives visual indication when the trying to communicate and retrieve data from an OBD II vehicle.
- Read and display all available I/M Monitors (emissions)
- Read and display pending DTCs
- Read and display freeze frame data (snapshot of vehicle data at the time of the fault)
- Read and display VIN, CVN and Cal ID
- Display State OBD check
- Display OBD II Drive Cycle Mode
- Field updateable via USB port
- CE certification
- Trilingual menu, manual and definitions (English, Spanish, French)
- System setup menu includes language setup, unit of measure, display test, keypad test, memory test, tool information and program mode

## DISPLAYS DTCs IN THREE LANGUAGES



English

Spanish

French

# CP9660 POCKETSCAN® PLUS

ABS, OBD II & CAN Scan Tool



Patent No. Des. 6,701,233  
Patent No. Des. 6,928,349

**Reads ABS & OBD II generic codes for most 1996 and newer vehicles. Provides freeze frame data, VIN info and vehicle emissions.**

Diagnostic Trouble Codes (DTC's) and descriptions are just a start of the tasks it can handle. PocketScan Plus also provides freeze frame data, permanent DTCs, VIN info and performs the important task of Inspection Maintenance (I/M) readiness testing by displaying the I/M readiness monitor status.

**THE SMALL SIZE MAKES IT PERFECT FOR EASY STORAGE AND USE.**

### NEW FEATURES

- LIVE data vehicle sensor, switch and relay inputs in real time
- ABS codes and definitions for most 1996-2013 GM, Ford, Chrysler, Toyota, Honda, Nissan, and Hyundai vehicles
- Global OBD II Read / Erase Codes commands with manufacturer specific definitions

### FEATURES

- Live vehicle data
- ABS codes and definitions
- Compatible with ALL 1996 and newer import and domestic vehicles (OBD II & CAN), as well as '94 and '95 OBD II compliant vehicles
- Automatically reads DTCs when connected for fast diagnostics
- Displays OBD II generic DTC definitions
- Reads and displays DTCs
- Erases DTCs
- Reads and displays MIL status
- Read and display all available I/M monitors (emissions)
- Reads and displays pending DTCs
- Reads and displays freeze frame data
- Reads and displays VIN
- OBD II cable (attached) manual included
- Diagnose and maintain vehicle
- View vehicle emissions data
- Over 4,000 generic DTC definitions
- Reset MIL and turn off the Check Engine light

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9660 Case Pack	4	3 lbs	9.25"H x 6.5" W x 5.0"D	20021467854528
CP9660 Unit	1	0.65 lbs	9.25"H x 6.25"W x 1.4"D	021467854524

# CP9125 C OBD II POCKETSCAN®

OBD II and CAN Code Reader

**PocketScan code reader, an easy-to-use tool for novice and light-to-moderate do-it-yourself customers, providing industry leading value.**



Patent No. Des. 6,701,233  
Patent No. Des. 6,928,349

PocketScan code reader enables the user to read OBD II DTCs from the on-board computers of 1996 and newer cars and light trucks. This gives the user the ability to quickly determine the cause of the Check Engine light coming on. Once repairs are made, the PocketScan allows the user to clear the DTCs and turn off the check Engine Light.

### FEATURES

- Compatible with ALL 1996 and newer import and domestic vehicles (OBD II & CAN), as well as '94 and '95 OBD II compliant vehicles
- Reads DTCs
- Erases DTCs
- Displays emissions status
- Displays MIL status
- Indicates number of DTCs pulled
- OBD II cable (attached) and manual included

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9125 C Case Pack	4	3.36 lbs	11"H x 8.25"W x 6.63"D	20021467091251
CP9125 C Unit	1	0.84 lbs	10"H x 6"W x 1.60"D	021467091257



# OBD I Code Scanner® GM

CP9001 High Value Solutions for OBD I



### FEATURES

- Retrieves engine and ABS DTCs from the on-board computer
- DTCs flash on dashboard Check Engine light
- Use on 1982-1993 domestic GM and Saturn vehicles

# OBD I Code Scanner® Ford

CP9015 High Value Solutions for OBD I



### FEATURES

- Retrieves engine DTCs from the on-board computer
- Uses audio and visual indicators for reading DTCs
- Built-in battery eliminates cables
- Accesses Ford's self-test system
- Use on 1984-1995 domestic Ford, Lincoln and Mercury vehicles

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP9001 Case Pack	4	4 lbs	12.5"H x 9"W x 12.25"D	20021467090018
CP9001 Unit	1	1 lbs	10"H x 6"W x 2.25"D	021467090014
CP9015 Case Pack	4	4 lbs	12.5"H x 9"W x 12.25"D	20021467090155
CP9015 Unit	1	1 lbs	10"H x 6"W x 2.25"D	021467090151

# SCAN TOOL QUICK REFERENCE

	CP9001	CP9015	CP9125C	CP9660	CP9670	CP9680	CP9690
OBD II and CAN (1996 and newer)			✓	✓	✓	✓	✓
Reads DTCs, erases DTCs and turns off CEL			✓	✓	✓	✓	✓
Displays emissions status			✓	✓	✓	✓	✓
Patented TrueLink® technology-guarantees link to OBD II			✓	✓	✓	✓	✓
Reads permanent DTCs				✓	✓	✓	✓
On screen DTC definitions				✓	✓	✓	✓
Displays freeze frame data				✓	✓	✓	✓
Vehicle information (mode 9)				✓	✓	✓	✓
Displays live engine data				✓	✓	✓	✓
Read & erase ABS DTCs (Most 1996-2013 GM, Ford and Chrysler, 1996-2009 Honda, Hyundai, Nissan and Toyota)				✓	✓	✓	✓
Manufacturer specific DTC definitions				✓	✓	✓	✓
Patented READ and ERASE hot keys		✓	✓	✓			
Internet updateable					✓	✓	✓
Trilingual menu and DTC definitions					✓	✓	✓
Record and play back data					✓	✓	✓
Graphs data					✓	✓	✓
Print screen data to PC					✓	✓	✓
Displays all modes global OBD II data					✓	✓	✓
Component Locator indicates part location on vehicle					✓	✓	✓
AutoID identifies vehicle being scanned					✓	✓	✓
Color display					✓	✓	✓
CodeConnect® Top Reported Fixes						✓	✓
Service and maintenance light resets						✓	✓
Battery resets						✓	✓
Read and erase ABS/Airbag DTCs (Most 1996-2013 GM, Ford, Chrysler, Hyundai, Nissan, and Toyota)						✓	✓
OBD I (1995 and older) GM	✓						✓
OBD I (1995 and older) Ford		✓					✓
OBD I cables GM, Ford, Chrysler, and Toyota							✓
OBD I LIVE data coverage							✓

# AUTOTROUBLESHOOTER®

CP7677 Digital Multimeter and Engine Analyzer

**This professional level meter performs all standard electrical tests for on-car and bench troubleshooting, including tach, dwell, volts, ohms and diode tests.**



**FEATURES INCLUDE A FOLD-OUT STAND AND TEST LEAD HOLDERS AT BACK OF TOOL FOR CONVENIENT LEAD STORAGE.**

### FEATURES

- Tests starting & charging, ignition and fuel delivery systems
- Locate faulty wiring and components
- Extra-large, easy-to-read digital LCD
- On-screen test leads connection reminder
- Automatic reverse polarity indication
- Automatic zero adjust
- Overload protection on all ranges
- Includes protective boot, detachable color-coded test leads, alligator clips and detailed instructions
- Low battery indicator
- UL Listed
- 10 MΩ impedance



SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7677 Case Pack	4	5.75 lbs	6.5"H x 8.5"W x 10.5"D	2002146707677
CP7677 Unit	1	1.5 lbs	2"H x 6"W x 10"D	021467076773

# AUTOANALYZER®

CP7665 Digital Multimeter

**The AutoAnalyzer performs all standard electrical tests for on-car and bench troubleshooting.**



**FEATURES INCLUDE A FOLD-OUT STAND AND TEST LEAD HOLDERS AT BACK OF TOOL FOR CONVENIENT LEAD STORAGE.**

### FEATURES

- Measures AC/DC voltage, DC current and resistance
- Tests diodes and batteries
- Tests fuses, switches, solenoids and relays
- Backlit LCD is easy to read day or night
- Hold button retains display data
- Automatic polarity sensing to avoid reversed test lead hook-up
- Automatic zero adjustment for volts, amps and battery tests for accurate measurements
- Low battery indication for user convenience (9V battery not included)
- UL Listed
- 10 MΩ impedance



SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7665 Case Pack	4	4lbs	6.5"H x 8.5"W x 9.5"D	20021467076654
CP7665 Unit	1	1 lbs	9.25"H x 6"W x 1.8"D	021467076650

# METER COMPARISON

	CP7677	CP7665	CP7672
<b>FUNCTIONS</b>	<b>RANGE</b>	<b>RANGE</b>	<b>RANGE</b>
DC volts	200mV, 2V, 20V, 200V, 1000V	200mV, 2000mV, 20V, 200V, 500V	200mV, 2000mV, 20V, 200V, 1000V
AC volts	2V, 20V, 200V, 750V	200V, 500V	200V, 750V
DC amps	200mA, 10A	200uA, 200mA, 10A	200uA, 2000uA, 20 mA, 200mA, 10A
OHMS	200Ω, 2KΩ, 20KΩ, 200KΩ, 2MΩ, 20MΩ	200Ω, 2000Ω, 20KΩ, 200KΩ, 20MΩ	200Ω, 2000Ω, 20KΩ, 200KΩ, 2000KΩ
Diode check	✓	✓	✓
Dwell	4,6,8 CYL		
Tach	4,6,8 CYL		
Continuity	✓		
Battery test		1.5V, 9V, 12V	
Transistor check			✓
<b>FEATURES</b>	<b>CP7677</b>	<b>CP7665</b>	<b>CP7672</b>
Auto reverse polarity	✓	✓	✓
Auto zero adjust	✓	✓	✓
Overload protection	✓	✓	✓
Low battery indicator	✓	✓	✓
10MΩ Input Impedance	✓	✓	✓
9-Volt power	✓	✓	
Audible tone	✓		
Auto power off	✓		
UL Listed	✓	Ⓛ	
CAT	1/1000V, 2 600V		
<b>ACCESSORIES</b>	<b>CP7677</b>	<b>CP7665</b>	<b>CP7672</b>
Color-coded leads	✓	✓	✓
Detailed manual	✓	✓	✓
Alligator clips	✓	✓	
Holster	✓		



## CP7672 Digital Multimeter

### FEATURES

- LCD digital display
- Battery operated (9V battery not included)
- Detachable color-coded test leads
- Great value



IDEAL FOR HOME AND SHOP USE.

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7672 Case Pack	4	3 lbs	5.5"H 6"W 9.5"D	20021467076722
CP7672 Unit	1	0.416 lbs	8.5"H 4.5"W 1.5"D	021467076728

# MULTIMETERS

For precision tasks analog multimeters provide high accuracy and easy-to-read scales.



## CP7849 Analog Multimeter

### FEATURES

- Measures AC/DC voltage, DC current, and resistance
- Tests 1.5V and 9V batteries
- 19 Ranges for more accurate measurements
- Zero adjust for maximum accuracy
- Battery operated (1.5V AA battery not included)
- Protective boot



## CP7848 Pocket Electrical Tester

### FEATURES

- DC volts, AC volts, DC current, Ohms, decibels
- Tests 1.5V or 9V batteries
- Fuse protection on all functions and ranges
- Easy-to-read analog scale
- Detachable, color-coded leads
- Battery operated (1.5V AA battery not included)



## CP7605 Dwell/Tach/Volt

### FEATURES

- Large, easy-to-read analog meter
- Zero adjust for maximum accuracy
- Tests conventional and electronic ignition systems
- Tests starting/charging systems
- Ranges: dwell, tach, volts

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7849 Case Pack	6	4.6 lbs	5.5"H x 6"W x 9.5"D	20021467078498
CP7849 Unit	1	1 lbs	7"H x 5"W x 1.37"D	021467078494
CP7848 Case Pack	6	1.5 lbs	4.3"H x 5.3"W x 11.1"D	20021467078481
CP7848 Unit	1	0.25 lbs	8.6"H x 4.75"W x 1.5"D	021467078487
CP7605 Case Pack	4	4.5 lbs	12.5"H x 9"W x 12.25"D	20021467076050
CP7605 Unit	1	1.1 lbs	5.75"H x 7.5"W x 2.9"D	021467076056

# TESTERS

## CP7876 Infrared Thermometer with Laser Pointer



Infrared thermometers can do everything from verifying the temp in your car or home AC system to helping electricians find an overload in an electrical systems.

### FEATURES

- Innovative optical lens – high accuracy measurements over wide temperature ranges
  - 10:1 distance to spot (D:S) ratio
  - Measurement Range of -58°F to +932°F (-58°C to +500°C)
- Automatic data hold
- Backlit LCD displays either Fahrenheit or Celcius
- Laser pointer
- Visual low battery indicator; two AAA batteries included
- Includes belt holster



HVAC/R



Electrical



Automotive



Industrial



General/Home

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7876 Case Pack	4	2.2 lbs	10.75"H x 6.75"W x 12.25"D	20021467851589
CP7876 Unit	1	0.5 lbs	10.5"H x 6.5"W x 3"D	021467851585

# BATTERY TESTERS



**CP7614 130 amp Heavy-Duty Battery Load Tester**  
Applying a powerful 130 amp load, this heavy-duty battery tester delivers the most accurate results.

### FEATURES

- 130 amp load
- Large, easy to read display
- Unique clamp design for side and top post batteries
- Side clamp mount for cable storage
- Convenient zero adjust to reset pointer
- Lightweight, comfortable, easy-to-grip
- Multi-mount bracket for easy storage on a garage wall or in a toolbox



**CP7612 Battery Load Tester**

With full 100 amp load-testing capacity, this reliable tester works on both 6 and 12 volt batteries. The unit performs both a voltage test and 15 second battery load testing.

### FEATURES

- 100 amp load capacity
- Rugged, precise 3" jeweled D'Arsonval meter with zero adjust
- Color coded, 0-16 volt scale
- Chrome-plated steel housing with rubber grip handle and side test clamp holders
- Heavy-duty, UL listed, momentary test switch
- Manganese wire resistance element
- Extra heavy (10 AWG) 12" leads with strain relief
- Color-coded, insulated, copper plated steel clamps

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7614 Case Pack	4	1 lbs	8.25"H x 5.4"W x 4.25"D	20021467076142
CP7614 Unit	1	0.20 lbs	8.25"H x 5.4"W x 1"D	021467076148
CP7612 Case Pack	4	6 lbs	12.5"H x 9"W x 12.25"D	20021467076128
CP7612 Unit	1	1.5 lbs	10"H x 6"W x 2.25"D	021467076124

# TIMING LIGHTS



**CP7529 Digital Timing Light**  
Advanced features with a bright LED display and mode indicator lights.

- FEATURES**
- Microprocessor-controlled circuitry
  - LED tachometer display reads 0-9999 RPM advance display indicates to 1/10 of a degree
  - Unique flashlight feature
  - 2/4 cycle and RPM/advance lights



**CP7528 Advance Timing Light**  
Allows accurate adjustment of base and advance timing.

- FEATURES**
- Adjustable knob allows accurate measure of base, centrifugal, vacuum and computer advance



**CP7527 Inductive Timing Light**  
Allows measure of base and advance timing.

- FEATURES**
- On/off touch control
  - Our most popular unit

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7529 Case Pack	4	7 lbs	10.25"H x 12.75"W x 12.5"D	20021467075299
CP7529 Unit	1	1.7 lbs	10"H x 12.5"W x 3"D	021467075295
CP7528 Case Pack	4	7 lbs	10.25"H x 12.75"W x 12.5"D	20021467075282
CP7528 Unit	1	1.7 lbs	10"H x 12.5"W x 3"D	021467075288
CP7527 Case Pack	4	7lbs	10.25"H x 12.75"W x 12.5"D	20021467075275
CP7527 Unit	1	1.7 lbs	10"H x 12.5"W x 3"D	021467075271

# TIMING LIGHTS



**Actron is the market leader in timing lights, holding an 80% share of retail sales.**



FUNCTIONS	CP7527	CP7528	CP7529
Conventional, electronic, computer controlled ignition systems	✓	✓	✓
DIS and 2 cycle systems	✓		✓
On/off touch control	✓	✓	
Adjustable advance		✓	✓
Digital LED readout tach and advance			✓
2 /4 cycle and RPM/advance mode lights			✓
Flashlight feature button			✓
STANDARD FEATURES OF ALL TIMING LIGHTS			
All metal inductive pickup	✓	✓	✓
Super bright Xenon flash	✓	✓	✓
One-touch control	✓	✓	✓
Durable, plated ABS housing	✓	✓	✓
Heat resistant over molding on battery clips	✓	✓	✓
Detailed instruction manual included	✓	✓	✓
One year warranty	✓	✓	✓

# TEST AND TUNE

High Visibility Circuit Tester and Coil Cord Test Leads



**CP7841 Mini Circuit Tester**  
Allows quick visual verification voltage.

**FEATURES**

- Professional level unit made to last
- Compact design for use in tight areas
- 6 ft. high-visibility, polyurethane (superior memory retention) coil cord
- Bright, high intensity bulb
- Sharp stainless-steel probe
- Threaded tip for add-on alligator clip
- Molded strain relief
- Insulated, heavy-duty clip



**CP7847 LED Circuit Tester**  
Allows accurate diagnosis of many common auto and home electrical systems.

**FEATURES**

- Tests spark plug wires
- 12V car/truck batteries
- 4-13V variable DC voltage
- Household 110/220 AC, DC wire/circuit
- LED lights indicate voltage level
- Piercing probe for in-circuit testing
- Easy-grip design for safe handling



**CP7863 Twin Coil Cord Jumper Lead**  
Allows accurate diagnosis of many common auto and home electrical systems.

**FEATURES**

- Features superior memory retention and resistance to grease and oil
- Stretches to over 5-ft in length
- Jumper lead features permanent coil cord memory

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7841 Case Pack	6	3 lbs	5.5"H x 8.5"W x 12.5"D	20021467078412
CP7841 Unit	1	0.75 lbs	12"H x 5"W x 1.5"D	021467078418
CP7847 Case Pack	6	1.14 lbs	10.25"H x 9"W x 6"D	20021467078474
CP7847 Unit	1	0.19 lbs	8"H x 6"W x .5"D	021467078470

# TEST AND TUNE

Electrical Testing and Starter Switches



**CP7852 Automotive Logic Tester**  
Multi-functional design allows testing range of 3-26 volts. Bright red and green LEDs interpret voltage signals such as ground, power, and frequency. Tests fuel injectors, solenoids, presence of serial data, and tach reference signals. Output tests on MAF, Cam, Crank, Hall Effect VRS sensors and more. High impedance input compatible with computer circuits and sensors.

**FEATURES**

- Professional units built to last
- Compact design for tight spaces
- 1.8 meter (6') high visibility cords
- Brilliant high intensity bulb
- Sharp Stainless-steel probe
- Molded on strain relief
- Insulated heavy duty clamps



**CP7854 Heavy-Duty Remote Starter Switch**  
The push button design allows one person to start or crank the engine from under the hood. Red ready-light glows when the starter switch is connected to a hot circuit.

**FEATURES**

- Heavy-duty 12 gauge wire
- Hot circuit indicator light
- High current clips open to an extra wide 5/8"
- Soft rubber grip
- Insulated boots



**CP7853 Remote Starter Switch**  
Allows one person to start or crank the engine from under the hood. Ideal for compression test or bumping engine onto Top Dead Center (TDC) timing marks for valve, distributor or camshaft adjustment.

**FEATURES**

- Power tool type trigger switch
- Heavy duty neoprene 18 gauge loads
- Clips with insulated boots

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7852 Master Pack	72	37 lbs	29.7"H x 23.2"W x 13.6"D	30021467854778
CP7852 Case Pack	6	3.25 lbs	12.6"H x 5.6"W x 9.6"D	20021467854771
CP7852 Unit	1	.5 lbs	12.0"H x 5.2"W x 1.8"D	021467854777
CP7854 Case Pack	4	4 lbs	5.5"H x 7"W x 7"D	20021467078542
CP7854 Unit	1	1 lbs	5.5"H x 7"W x 1.75"D	021467078548
CP7853 Case Pack	6	3 lbs	12.5"H x 5.25" x W 9"D	20021467078535
CP7853 Unit	1	0.5 lbs	12"H x 5"W x 1.5"D	021467078531

# MECHANICAL TESTERS

Compression

**Professional compression testers detect worn rings, burnt valves and blown head gaskets.**



CP7828A Professional Compression Tester

**FEATURES**

- Cylinder compression measures to accurately diagnose engine condition
- Compatible with most standard spark plug threads
- Quick disconnect coupler separates hose from gauge for faster, easier connections to the engine
- Push button side release valve allows repeated testing without disconnecting
- Includes adapters for most standard spark plug threads: 10mm, 12mm, 14mm, 14mm long reach, 18mm
- Repair kit includes valves and rubber O-rings
- Easy-to-read, 2-1/2" professional gauge
- Bourdon tube movement for accurate readings
- Heavy-duty rubber boot protects gauge
- Standard and metric scales: 0-300 lbs psi and 0-2100 kPa



CP7827 Compression Tester Kit

Cylinder compression measures to accurately diagnose engine condition

**FEATURES**

- Compatible with most standard spark plug threads
- Quick release hose disconnects from gauge for faster, easier use
- Full 2-1/2" easy-to-read face
- Standard and metric scales: 0-300 lbs psi and 0-2100 kPa
- 17" high pressure flexible oil and grease resistant hose
- 14mm and 18mm ends fit most spark plug openings
- 14mm long reach adapter included, for many late model vehicles

# MECHANICAL TESTERS

Compression

**Actron's value series are the market leader.**



CP7826 Compression Tester

**FEATURES**

- External pressure release valve
- Full 2-1/2" easy-to-read gauge face
- Bourdon tube movement for accurate reading
- 14" high pressure flexible oil and grease resistant hose
- 14mm and 18mm ends fit most spark plug openings



CP7821 Stem Compression Tester

**FEATURES**

- Push-in compression tester
- Full 2-1/2" easy-to-read gauge face
- Bourdon tube movement for accurate readings
- Universal rubber adapter fits all spark plug holes

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7828A Case Pack	4	6 lbs	12.4"H x 6.1"W x 8.5"D	20021467078283
CP7828A Unit	1	1 lbs	13.25"H x 9"W x 1.75"D	021467078289
CP7827 Case Pack	6	6 lbs	12.5"H x 5.25"W x 9"D	20021467078276
CP7827 Unit	1	1 lbs	12"H x 5"W x 1.5"D	021467078272

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7826 Case Pack	6	6 lbs	12.4"H x 8.5"W x 5.3"D	20021467078269
CP7826 Unit	1	1 lbs	11.8"H x 4.6"W x .9"D	021467078265
CP7821 Case Pack	6	1.5 lbs	12.75"H x 5.5"W x 9"D	20021467078212
CP7821 Unit	1	0.25 lbs	7.5"H x 5"W x 1.5"D	20021467078214

# MECHANICAL TESTERS

Measure fuel pressure for fuel injected engines or carburetor engines

**Use to diagnose driveability problems caused by out-of-spec fuel pressure.**



## CP7838 Professional Fuel Pressure Tester Kit

Accurately measure fuel pressure on fuel injected and carburetor engines

### FEATURES

- Adapters fit majority of domestic and import applications
- 40-inch gauge hose for ease of reaching any test point
- 2 1/2" gauge with 0-100 psi/0-700 kPa scales for accurate measurements
- Pressure relief button and 6-ft hose for safely disposing of gasoline and repeating tests without disconnecting gauge
- Gauge boot to protect gauge and vehicle finish



## CP7818 Fuel Pressure Tester Kit

Use on domestic fuel injected vehicles equipped with Schrader valve test port.

### FEATURES

- Large, easy-to-read 0-100 psi scale / 0-700 kPa
- Solid brass fittings
- Pressure relief button and 6-ft hose for safely disposing of gasoline and repeating tests without disconnecting gauge



## CP7817 GM TBI\* Fuel Pressure Tester

Tests GM TBI vehicles without a Schrader or fuel access valve test port on the fuel rail.

### FEATURES

- Test fuel pump check valve, fuel rail pop-off pressure, fuel rail deterioration, and leaking injectors.
- Large, easy to read 0-60 psi scale / 0-400 kPa
- Adapter fitting for GM TBI systems without a fuel access valve test port
- Pressure relief button and 6-ft hose for safely disposing of gasoline and repeating tests without disconnecting gauge
- Solid brass fittings

\*Throttle Body Injection

# MECHANICAL TESTERS

Fuel pressure for carburetor engines

**Test vacuum lines, components and low pressure fuel systems.**



## CP7803 Vacuum & Fuel Pressure Tester Kit

Easy-to-read, CP7803 3-1/2" black face displays 0-30 inches vacuum and 0-10 psi. Complete with hose and adapters.

### FEATURES

- Fuel pump pressure
- Mechanical condition of the engine
- Vacuum control system function
- For leaks in the intake manifold, head gaskets, piston rings, valves and vacuum lines
- Pressure relief button and 6-ft hose for safely disposing of gasoline and repeating tests without disconnecting gauge
- Gauge boot to protect gauge and vehicle finish



## CP7802 Vacuum & Fuel Pressure Tester Kit

Easy-to-read, CP7802 2-1/2" white face reads 0-30 inches vacuum and 0-15 psi. Complete with hose and adapters.

### FEATURES

- Fuel pump pressure
- Mechanical condition of the engine
- Vacuum control system function
- For leaks in the intake manifold, head gaskets, piston rings, valves and vacuum lines

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7838 Case Pack	4	9.2 lbs	12"H x 8.5"W x 8.5"D	20021467078382
CP7838 Unit	1	2.3 lbs	11.4"H x 7.6"W x 2"D	021467078388
CP7818 Case Pack	6	6 lbs	12.75"H x 5.5"W x 9"D	20021467078184
CP7818 Unit	1	1lbs	12"H x 5"W x 1.5"D	021467078180
CP7817 Case Pack	4	6 lbs	12.5"H x 5.75"W x 8.5"D	20021467078177
CP7817 Unit	1	1.5 lbs	8"H x 11.8"W x 1.8"D	021467078173
CP7803 Case Pack	6	4.5 lbs	12.75"H x 5.5"W x 9"D	20021467078030
CP7803 Unit	1	0.75 lbs	12"H x 5"W x 1.5"D	021467078036
CP7802 Case Pack	6	4.5 lbs	12.75"H x 5.5"W x 9"D	20021767078023
CP7802 Unit	1	0.75 lbs	12"H x 5"W x 1.5"D	021467078029



# VACUUM AND BRAKE BLEED KIT

Check vacuum operated components on cars and trucks, including distributor advance mechanisms, heater and air conditioning baffles, PCV and EGR valves, headlight cover doors, and transmission modulators.



CP7835 Vacuum Pump Brake Bleed Kit (combination of CP7830 and CP7840)

Allows you to bleed brakes without the mess. Adapters included for all vehicle brake systems.

**FEATURES**

- Rugged steel handle
- Solid brass cylinder, cylinder head and piston
- 24" hose
- Cushioned handle grips
- Tapered barb adapters
- Use to siphon fluids
- Tapered and 90° bleed adapters
- Air sealing lubricant

# VACUUM AND BRAKE BLEED



CP7840 Brake Bleed Kit

Allows you to bleed brakes without the mess. Use with CP7830 Vacuum Pump.

**FEATURES**

- Use to siphon fluids
- Tapered and 90° bleed adapters
- Air sealing lubricant
- Adapters included for most vehicle brake systems



CP7830 Hand Vacuum Pump

Check vacuum operated components on cars and trucks, including distributor advance mechanisms, heater and air conditioning baffles, PCV & EGR valves, headlight cover doors, and transmission modulators.

**FEATURES**

- Rugged steel handle
- Solid brass cylinder, cylinder head and piston
- 24" hose
- Cushioned handle grips
- Tapered barb adapters

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7835 Case Pack	4	7.95 lbs	10"H x 12.75"W x 8"D	20021467078351
CP7835 Unit	1	2 lbs	9.5"H x 12.3"W x 1.7"D	021467078357
CP7840 Case Pack	4	3 lbs	8.5"H x 12"W x 3.75"D	20021467078405
CP7840 Unit	1	0.75 lbs	8"H x 11.6"W x .6"D	021467078401
CP7830 Case Pack	4	6 lbs	12.5"H x 8.5"W x 5.75"D	20021467078306
CP7830 Unit	1	1.5 lbs	12"H x 8"W x 1.5"D	021467078302

# Drain Plug Pro™

CP5911 Oil Drain Plug Removal Tool

**Remove oil drain plug without touching the plug or hot oil.**



## HOT OIL IN THE PAN – NOT ON YOUR HAND!

1. Loosen the drain plug with a wrench.
2. Place the DRAIN PLUG PRO™ on the plug so the tool locks onto the plug hex.
3. Rotate handle to remove the plug.
4. Pull plug away from the oil stream.
5. Magnetic DRAIN PLUG PRO™ retains the plug.

### FEATURES

- NO touching HOT plug.
- NO dropping of plug in HOT oil.
- NO oil soaked gloves.
- Just magnetically attach DRAIN PLUG PRO™ to pre-loosened drain plug



Rotate handle to remove plug.



Strong magnetic end.

# INSPECTION

CP7669 Video Inspection Scope

The video inspection scope goes beyond vehicle inspection and can be used for applications in and outside of the car. View inside door panel or other limited access and poorly lit areas of your vehicle. Save time by not having to remove tire or engine components to inspect, retrieve, move, and help find items in hard to reach, compact spaces.

### FEATURES

- 2.4" color LCD screen
- 8 levels of LCD contrast control
- Power indicator LED
- Low battery indicator LED
- 3 ft. flexible camera tube
- 9mm waterproof camera
- Camera includes 6 levels of LED brightness control
- Camera and light all-in-one goes where you need it in dark, tight areas

### INCLUDED ACCESSORIES AND FEATURES:

#### Magnet

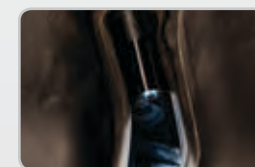
Attach the magnet to the end of camera to find items that may have fallen in the vehicle engine compartment or cylinders. For example, use the magnet to locate and retrieve screws or bolts that fell within the engine compartment and cannot be reached by hand. Locate and retrieve metal particles that may have fallen in the cylinder.

#### Hook Clip

Attach the hook clip to the end of camera to retrieve non-magnetic or other small items that may have fallen in the vehicle engine compartment. Move hard to reach wires or cables. Camera helps guide the user to the problem area.

#### Mirror

Attach the mirror to the end of the camera to provide right angle views with 180 degree view change option. For example, use the mirror to inspect all angles within a cylinder.



9mm waterproof camera



3ft. flexible camera tube



View brake/engine systems



2.4" color LCD screen

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP5911 Case Pack	12	2.85 lbs	11.6"H x 7.4"W x 6.9"D	20021467854214
CP5911 Unit	1	0.2 lbs	11"H x 3.5"W x 1.25"D	021467854210

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7669 Case Pack	8	13.2 lbs	24"H x 11.8"W x 15.2"D	20021467854115
CP7669 Unit	1	1.25 lbs	13.7"H x 10.8"W x 2.3"D	021467854111

# INSPECTION

CP7668 9 mm Dual Plane Accessory Camera

**A game changing exclusive accessory offering greatly increased line of sight in two planes.**

### FEATURES

- 9 mm 2 directional water proof camera with push button selector switch
- Standard 3' long flexible camera tube
- Saves time by allowing instantly switchable viewing plane without moving camera position
- Helps in diagnosing the most difficult leaks, shorts, or lost things in many impossible to see areas

### BENIFITS

- Saves time by allowing instantly switchable viewing plane without moving camera position
- Helps in diagnosing the most difficult leaks, shorts, or lost things in many impossible to see areas

Monitor handle (CP7669) not included



Dual Plane Camera

SPECIFICATIONS	Qty	Weight	Dimensions	Barcode/UPC
CP7669 Case Pack	20	18.0 lbs	20.3"H x 18.8"W x 10.4"D	20021467854849
CP7669 Unit	1	0.85 lbs	9.6"H x 9.1"W x 2.0"D	021467854845

# DIAGNOSTIC GLOSSARY

**ABS** - anti-lock braking system is a system on motor vehicles which prevents the wheels from locking while braking.

**CAN** - Controller Area Network: On board diagnostics protocol required on all 2008 and newer US vehicles. All Actron code readers and scan tools are CAN-compliant.

**CodeConnect®** - Prioritized experience-based database of over 4.3 million fixes for the DTCs that cause the Check Engine light to illuminate. The fixes are specific to the vehicle's make, model year and engine size.

**Code Reader** - These tools are used to read, display, and erase DTCs and I/M monitors on OBD II & CAN compliant vehicles (CP9125 C).

**Code Scanner** - OBD I tools which identify the DTC through a series of flashes and/or audible tones displayed on the dashboard and/or scanner for pre-1996 vehicles (CP9001, CP9015).

**Drive cycle mode** - Alerts the driver the moment the vehicle is ready for emissions testing by checking the I/M Monitors in Real-Time.

**DTC** - Diagnostic trouble code: These codes reference the area of the vehicle that needs repair or replacement. DTCs are stored in the vehicle's computer and help determine the cause of a problem or problems within the vehicle.

**Enhanced DTC / Manufacturer specific DTC** - DTCs which differ between manufacturers (Ford specific codes, GM specific codes etc.).

**Freeze frame data** - A snapshot of the vehicle's sensor information at the time an engine fault occurs.

**Generic DTC** - SAE regulated group of DTCs which are the same for every OBD II vehicle sold in the US.

**I/M readiness monitor** - Inspection Maintenance Readiness Monitor A vehicle must reach specific driving conditions before it is ready for an emissions test. I/M readiness monitor tells the driver "yes" the vehicle is ready for emissions testing or "no" it is not.

**LIVE sensor data** - A live view of the vehicle's sensor information while engine is running.

**MIL** - Malfunction Indicator Lamp, also known as the Check Engine Light. Used to indicate emissions-related issues, and is triggered by DTCs stored in the vehicle's computer.

**OBD** - On board diagnostics: A system developed by the Society of Automotive Engineers (SAE) to standardize

# DIAGNOSTIC GLOSSARY

automotive electronic diagnostics.

**OBD I** - On board diagnostics protocol pertaining to pre-1996 vehicles, usually from model years 1982-1995.

**OBD II** - On board diagnostics protocol was implemented in some vehicles beginning in 1994 and has been required since 1996 on all new cars and light trucks sold in the U.S.

**PIDs** - Vehicle sensor parameters displayed by the tool (freeze frame or LIVE sensor data).

**Sensors** - Sensors help monitor, measure and control the performance of vehicles.

**State OBD Check** - Summary status of the vehicle's OBD system including MIL status, codes found and I/M Monitors Status.

**Vehicle Information** - Includes your VIN or vehicle identification number and calibration identification.

**Scan Tool** - These tools are used to read and erase DTCs display live sensor data, and perform other tests allowed by the vehicle manufacturer. This additional data helps the user determine the faulty component. Depending on the scan tool, they are used on OBD I, OBD II and CAN compliant vehicles. Actron's scan tool line consists of the CP9660, CP9670, CP9680 and CP9690 as well as U-Scan CP9600.

