

# **MITSUBISHI**



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A	APPLICATION	NSCED-DIAGNOST	ICS.CO.UK	
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# **APPLICATIONS**



# MITSUBISHI (ADS117)



		<b>Q</b>		1234	1234	PRO	AD100
3000 GT	ALL	✓	*	<b>1</b>	✓	ADC151 A	ADC129
AIRTREK	ALL	✓	*	✓	✓	ADC151 A	ADC129
CARISMA	ALL	✓	*		✓	ADC151 A	ADC129
CHALLENGER	ALL	✓	*	✓	✓	ADC151 A	ADC129
COLT	⇒2004	✓	*		✓	ADC151 A	ADC129
DIAMANTE	⇒2006	✓	*	✓	✓	ADC151 A	ADC129
ECLIPSE	⇒2006	✓	*	<b>√</b>	✓ /	ADC151 A	ADC129
ENDEAVOUR	⇒2004	✓	*	✓	✓	ADC151 A	ADC129
EVO 7	ALL	✓	*	<u> </u>	· /	ADC151 A	ADC129
EVO 8	ALL	✓	*	✓	✓	ADC151 A	ADC129
EVO 9	ALL	<b>✓</b>	*	✓	<b>A</b>	ADC151 A	ADC129
EXPRESS VAN	ALL	✓	*	✓	✓	ADC151 A	ADC129
GALANT	⇒2006	<b>\</b>	*	<b>√</b> / ( )	<b>-</b>	ADC151 A	ADC129
GALANT WAGON	⇒2006	✓	*	✓	✓	ADC151 A	ADC129
GRANDIS	⇒2006	✓	*		<b>√</b>	ADC151 A	ADC129
L200/L400	⇒2006	✓	*	✓	✓	ADC151 A	ADC129
LANCER	⇒2007	✓	*		✓	ADC151 A	ADC129
LANCER WAGON	ALL	✓	*	✓	✓	ADC151 A	ADC129
LANCER EURSPEC	ALL	ÝA N	*	DIAC	NÁCI	ADC151 A	ADC129
MAGNA	ALL	✓	*	✓	✓	ADC151 A	ADC129
MAGNUM	ALL	✓	*	<b>√</b>	1	ADC151 A	ADC129
MIRAGE	ALL	✓	*	✓	✓	ADC151 A	ADC129
NIMBUS	ALL	✓	*		4	ADC151 A	ADC129
MONTERO	ALL	✓	*	✓	✓	ADC151 A	ADC129
OUTLANDER	⇒2006	✓	*	<b>(</b>	✓	ADC151 A	ADC129
PAJERO	ALL	✓	*	✓	✓	ADC151 A	ADC129
PAJERO IO	ALL	✓	*	1	✓	ADC151 A	ADC129
PININ	ALL	✓	*	✓	✓	ADC151 A	ADC129
RAIDER	ALL	✓	*	<b>7</b>	· /	ADC151 A	ADC129
SHOGUN	ALL	✓	*	✓	✓	ADC151 A	ADC129
SHOGUN SPORT	ALL	<b>V</b>	*	✓	$\bigwedge \bigvee$	ADC151 A	ADC129
SIGMA	ALL	✓	*	✓	✓	ADC151 A	ADC129
SPACESTAR	ALL	<b>V</b>	*	<b>1</b>	✓.	ADC151 A	ADC129
SPACEWAGON	ALL	✓	*	✓	✓	ADC151 A	ADC129
TRITON	ALL	✓	*		✓	ADC151 A	ADC129
VERADA	ALL	✓	*	✓	✓	ADC151 A	ADC129

# **APPLICATIONS**



# MITSUBISHI CAN (ADS154)



		(F)						
		9	( ( 0 0 0 )	1234	1234	PRO		AD100
				UK				
COLT	2004⇒	✓	*		✓	ADC151	G	ADC149
GRANDIS	2004⇒	✓	*	✓	✓	ADC151	G	ADC149
HUNTER	2007⇒	✓	*	✓	<b>✓</b> \	ADC151	G	ADC149
L200	2004⇒	✓	*	✓	✓	ADC151	G	ADC149
OUTLANDER	2006⇒	✓	*	<b>✓</b>	✓	ADC151	G	ADC149
EVO 10	2007⇒	✓	*	✓	✓	ADC151	G	ADC149
				USA				
GALANT	2006⇒	✓	*	✓ (	✓	ADC151	G	ADC149
ECLIPSE	2006⇒	✓	*	✓	✓	ADC151	G	ADC149
ENDEAVOUR	2006⇒	✓	*	<b>✓</b>	✓	ADC151	G	ADC149
LANCER	2006⇒	✓	*	✓	✓	ADC151	G	ADC149
LANCER EVO	2006⇒	✓	*	<b>√</b>	✓	ADC151	G	ADC149
OUTLANDER	2006⇒	✓	*	✓	✓	ADC151	G	ADC149
			AU	STRALIA				
COLT (RG SERIES)	2008⇒	✓	*	<b>*</b>	~	ADC151	G	ADC149
380 (DB SERIES)	2005⇒	✓	*	✓	✓	ADC151	G	ADC149
TRITON DIESEL (ML SERIES)	2006⇒	✓	*	4	✓	ADC151	G	ADC149
TRITON PETROL (ML SERIES)	2006⇒	✓	*	✓	✓	ADC151	G	ADC149
OUTLANDER (ZG SERIES)	2006⇒	✓	*	1	✓	ADC151	G	ADC149
LANCER (CJ SERIES)	2007⇒	✓	*	✓	✓	ADC151	G	ADC149
PAJERO DIESEL (NS SERIES)	2006⇒	<b>/</b>	*	1	V -	ADC151	G	ADC149

# **DIAGNOSTIC SOCKETS/PORTS**



# **MITSUBISHI**



CARISMA



CARISMA 2



EVO



GALANT



L200



**PAJERO** 



SHOGUN



SPACESTAR 1



PININ



FTO



**NEW SHOGUN** 



**NEW COLT** 

# **DIAGNOSTIC SOCKETS/PORTS**



# **MITSUBISHI**



ASX W.ADVANGED



LANCER EVO 10



OUTLANDER



LANCER CY



LANCER CS



GRANDIS



SHOGUN SPORT (K9)

ADVANCED.



**CEDIA** 

WWW.ADUSA.US

# **GENERAL OPERATION**



The Mitsubishi Anti Theft system can code up to 8 keys into the system memory. When new keys are added all existing keys are deleted from the memory, so it is important to ensure all keys are with the vehicle at the time of programming.

The system is made up of ignition switch, key antenna, (mounted around the ignition switch), diesel pump and immobiliser ECU.

When programming new keys into the system, it is important to check that no fault codes are set, and to make sure any which are set, are erased or fixed as required.

Once key programming has been performed, then any fault codes set must be erased.

On later systems the immobiliser ECU is linked with the Engine Management ECU and if this is replaced then the Immobiliser ECU and key antenna should be replaced.

CAN was introduced on certain models in certain countries from approximately 2004. Remote controls on some models are programmed via the tester whilst on other models they are programmed manually.

WWW.ADUSA.US

WWW.ADVANCED-DIAGNOSTICS.CO.UK

WWW.ADUSA.US





# MITSUBISHI—NON CAN SYSTEMS

# PROGRAM KEYS

# **VEHICLE SELECTION**

- + LANCIA
- + MITSUBISHI
- + NISSAN
- + PEUGEOT
- + ROVER
- + SUZUKI

### **VEHICLE SELECTION**

EURO AUS

USA

ISRAEL

# VEHICLE SELECTION

- + CARISMA
- + COLT/LANCER
- + GALANT (94 > 96)
- + GALANT (97 > 99)
- + LANCER
- + L200

# **VEHICLE SELECTION**

TYPE 1

TYPE 2

TYPE 3

# PROGRAM KEYS

# DIAGNOSTIC MENU

**ECU IDENTIFICATION** 

**FAULT CODES** 

SPECIAL FUNCTIONS

### PRESS ENTER KEY

# DIAGNOSTIC MENU

KEYS PROGRAMMED

**PROGRAM KEYS** 

### PRESS ENTER KEY

#### **KEYS PROGRAMMED**

**KEYS PROGRAMMED: 2** 

# PRESS ENTER KEY

NOTE: ONCE YOU HAVE TURNED IGNITION ON WITH AN UNPRO-GRAMMED KEY, DO NOT TURN OFF AS THE SYSTEM WILL LOCK FOR 25 MINUTES. TO RESET YOU MUST LEAVE IGNITION ON FOR 25 MIN-UTES THEN PROCEED TO KEY PROGRAMMING.

### **SWITCH IGNITION ON**

PRESS ENTER KEY

# **ECU IDENTIFICATION**

ECU: 326

PRESS ENTER KEY

# **DIAGNOSTIC MENU**

**KEYS PROGRAMMED** 

PROGRAM KEYS

# PRESS ENTER KEY

# **PROGRAM KEYS**

#### **PROGRAM KEYS**

KEYS PROGRAMMED: 1

BACK TO EXIT

ENTER TO PROGRAM

**NEXT KEY** 

NOTE: REPEAT PROGRAM KEYS FOR ALL ADDITIONAL KEYS AND EXISTING KEYS.

# PROGRAM KEYS





# MITSUBISHI—CAN SYSTEMS

# **PROGRAM KEYS**

# **VEHICLE SELECTION**

- + LANCIA
- + MITSUBISHI
- + NISSAN
- + PEUGEOT
- + ROVER
- + SUZUKI

### **VEHICLE SELECTION**

EURO AUS

USA

ISRAEL

#### **VEHICLE SELECTION**

- + CARISMA
- + COLT/LANCER
- + COLT (CAN)
- + GALANT (97 > 99)
- + LANCER
- + L200

**SWITCH IGNITION ON** 

# PRESS ENTER KEY

# **ECU IDENTIFICATION**

HARDWARE SERIAL No.

8641A030

CHASSIS No.

XMDXNZ32A8F060064

# PRESS ENTER KEY

# DIAGNOSTIC MENU

**ECU IDENTIFICATION** 

**FAULT CODES** 

SPECIAL FUNCTIONS

PRESS ENTER KEY

# PROGRAM KEYS

### DIAGNOSTIC MENU

**SECURITY ACCESS** 

PROGRAM KEYS

KEYS PROGRAMMED

### PRESS ENTER KEY

NOTE: SECURITY ACCESS IS REQUIRED BEFORE PRO-GRAMMING OR CHECKING THE NUMBER OF KEYS PRO-GRAMMED.

### **WEB SECURITY**

**PLEASE WAIT** 

# WEB SECURITY

PLEASE GAIN

AUTHORISATION

FROM AD

1732661063-1431840471

PRESS ENTER KEY

NOTE: SECURITY ACCESS IS REQUIRED FROM THE AD WEB SITE TO PROCEED, PLEASE OBTAIN THE WEB SECURITY CODE FROM THE MITSUBISHI CODED PAGE USING YOUR USERNAME AND PASSWORD PLUS THE TESTER UNIT AND PASSCODE.

# WEB SECURITY

-----

1	2	3	4	5	
6	7	8	9	0	

# **PROGRAM KEYS**

WEB SECURITY

1234567812345678





### **WEB SECURITY**

**ACCESS GRANTED** 

PRESS ENTER KEY

# DIAGNOSTIC MENU

SECURITY ACCESS

PROGRAM KEYS

KEYS PROGRAMMED

PRESS ENTER KEY

# **KEYS PROGRAMMED**

**KEYS PROGRAMMED: 2** 

PRESS ENTER KEY

# DIAGNOSTIC MENU

SECURITY ACCESS

**PROGRAM KEYS** 

KEYS PROGRAMMED

PRESS ENTER KEY

# **CLEAR KEYS**

WARNING

ALL KEYS WILL

BE CLEARED

CONTINUE

YES=ENTER NO = BACK





# MITSUBISHI—CAN SYSTEMS cont'd

# **PROGRAM KEYS**

TO REGISTER KEY

SWITCH IGNITION OFF

### PRESS ENTER KEY

### PROGRAM KEYS

ALL OPERATIONS MUST

# BE COMPLETED WITHIN

30 SEC ONCE PROMPTED SYSTEM WILL TIME OUT TO END PROGRAMMING AUTO

### PRESS ENTER KEY

### **PROGRAM KEYS**

IGNITION ON THEN OFF
WITH EACH KEY YOU

REQUIRE PROGRAMMING

PROGRAMMING WILL END AUTOMATICALLY

NOTE: INSERT EACH KEY AND TURN IGNITION ON, THEN OFF AND REMOVE.

REPEAT FOR ALL KEYS.

PROGRAMMING IS COMPLETE.

# PROGRAM REMOTES

# **VEHICLE SELECTION**

IMMOBILISER

**REMOTES FUNCTIONS** 

### SWITCH IGNITION ON

### PRESS ENTER KEY

### **ECU IDENTIFICATION**

HARDWARE SERIAL No.

# PRESS ENTER KEY

### DIAGNOSTIC MENU

**ECU IDENTIFICATION**SPECIAL FUNCTIONS

### PRESS ENTER KEY

# DIAGNOSTIC MENU

**ERASE/REPROG REMOTES** 

# PRESS ENTER KEY

# **CLEAR KEYS**

WARNING ALL REMOTES WILL BE

CLEARED

CONTINUE

YES = ENTER NO = BACL

# **PROGRAM REMOTES**

### **ERASE/REPROG REMOTES**

ALL CURRENT REMOTES

ERASED

# PRESS ENTER KEY

#### **ERASE/REPROG REMOTES**

WITHIN 1 MINUTE

PRESS REMOTE

**BACK TO EXIT** 

### PRESS ENTER KEY

NOTE: PRESS THE LOCK BUTTON ON EACH REMOTE THAT NEEDS TO BE PROGRAMMED, INCLUDING ANY EXISTING REMOTES AND NEW REMOTES.

### **ERASE/REPROG REMOTES**

WITHIN 1 MINUTE

PRESS REMOTE

REMOTE PROGRAMMED 1

BACK TO EXIT

PRESS ENTER KEY



**PROGRAM REMOTES** 

**ERASE/REPROG REMOTES** 

**REMOTE PROGRAMMIUNG** 

**PROCEDURE** 

COMPLETE

PRESS ENTER KEY



# MITSUBISHI - CAN SYSTEMS REMOTES

# **PROGRAM REMOTES**

### NOTE:

ON CERTAIN SYSTEMS, THE REMOTES ARE PROGRAMMED USING THE FOLLOWING METHOD.

# VEHICLE SELECTION

**IMMOBILISER** 

**REMOTES FUNCTIONS** 

### SWITCH IGNITION ON

# PRESS ENTER KEY

# **ECU IDENTIFICATION**

HARDWARE SERIAL No.

# PRESS ENTER KEY

# **DIAGNOSTIC MENU**

ECU IDENTIFICATION

SPECIAL FUNCTIONS

### PRESS ENTER KEY

# DIAGNOSTIC MENU

**ERASE/REPROG REMOTES** 

# PRESS ENTER KEY

# **PROGRAM REMOTES**

#### **CLEAR REMOTES**

WARNING

ALL REMOTES WILL BE

CLEARED

CONTINUE

YES = ENTER

NO = BACL

ALL CURRENT REMOTES

ERASED

**ERASE/REPROG REMOTES** 

### PRESS ENTER KEY

### **ERASE/REPROG REMOTES**

PERFORM PROCEDURE
FROM MANUAL
DO NOT DISCONNECT TESTER

# PRESS ENTER KEY

# NOTE:

AT THIS STAGE, YOU THEN NEED TO REFER TO THE PROCEDURE IN THE MANUAL AND FOLLOW THE STEPS INDICATED.

LEAVE THE TETSER

CONNECTED

### **ERASE/REPROG REMOTES**

REMOTE 1
PROGRAMMED
BACK TO EXIT

# PRESS ENTER KEY

### NOTE:

THE TESTER WILL INDICATE WHEN EACH REMOTE IS PROGRAMMED BY DISPLAYING THE NUMBER OF REMOTES PROGRAMMED.

# ADVANCED DIAGNOSTICS

# TIPS & HINTS



# MITSUBISHI INFORMATION

- 1. Do not insert un-programmed key into ignition and switch off, until programming complete. Otherwise the system will enter theft mode. To overcome theft mode leave the ignition on for 25 minutes and then program key.
- 2. If an error is received when programming keys, check the correct cable is being used, adc129.
- 3. Attempting to program an already programmed key will cause an "error" message.
- 4. If keys are programmed the EMS warning light extinguishes when the pump relay switches off (approx 3 sec after the ignition is turned on). If they are not programmed the light will flash.
- 5. When programming new keys into the system, it is important to check that no fault codes are set, and to make sure any which are set, are erased or fixed as required.
- 6. If the system has been accessed incorrectly by another piece of equipment then a security wait time of 16 minutes is required before attempting to program keys.
- 7. Once key programming has been performed, then any fault codes set must be erased.
- 8. On later systems the immobiliser ECU is linked with the Engine Management ECU and if this is replaced then the Immobiliser ECU and key antenna should be replaced.

# MITSUBISHI CAN INFORMATION

- 1. Between 1 & 4 keys can be programmed into the vehicle.
- 2. Remote programming. Between 1 & 4 remotes can be programmed into the vehicle.

UK Models L200 & Grandis are programmed with the tester.

Colt - remote programmed at same time as the key.

<u>USA Models</u> All programmed manually.

Australian Models L200 & Colt are programmed with the tester.

380 - programmed manually.

### **ERROR MESSAGE**

The error message on Mitsubishi is the most common problem. This can be caused by so many issues as follows...

- 1. Trying to code an already programmed key.
- 2. Trying to code a key while the system is locked.

NOTE: The most common problem is the new key is tested to make sure it works mechanically, and is cut correct. Turning the ignition ON to OFF with an un programmed key will lock the system.

3. Using an incorrect transponder.

NOTE: Dealer keys are supplied wrong many times.

4. Using a transponder that does not have the correct logic loaded on it.

NOTE: This is common with aftermarket supplied keys.

If the system is locked the engine warning lamp should flash an error code of 54. If this happens follow the following procedure...

- 1. Perform a battery reset operation, procedure on the next page.
- 2. Leave ignition on for 35 minutes.
- 3. Without turning the key off, connect the tester.
- 4. Check for fault codes and clear if any are found.
- 5. Program key, at this stage ignore any error message if displayed.
- 6. Check for fault codes and clear.
- 7. Check key for operation.



# **TIPS & HINTS**



# **BATTERY RESET PROCEDURE**

Under certain circumstances it is possible for the immobilizer and engine control unit to become locked. This may present itself in a number of different ways. It can cause :-

- Communication with the programmer to cease.
- The vehicle may crank but not start.
- The immobilizer warning light may be off or on all the time.
- It may not be possible to program transponders/remotes.

To overcome this follow the following procedure :-

- Remove all battery chargers and jump packs.
- Disconnect battery positive lead and negative lead.
- Touch the positive and negative cables together for 10 seconds.
- Reconnect the positive battery cable.
- Reconnect the negative battery cable.



# REMOTE PROGRAMMING



SPACE WAGON & RUNNER MONTERO/PAJERO SPORT COLT

2000 to 2001

PAJERO/MONTERO DIAMANTE L200

2000 to 2001 1997 to 2007

# **Procedure**

- Ensure the door locks and unlocks using the key. 1.
- 2. Connect TESTER to diagnostic socket, and communicate with vehicle.
- Within 10 seconds turn the Ignition from OFF to ACCESSORY 3 times within 2 seconds. 3.
- 4. Doors should cycle.
- Press the Lock or Unlock button of the remote control 3 times within 10 seconds of the first press. Doors will cycle. 5.
- Repeat for additional remote controls. 6

Ensure all remotes are added within 1 minute of the entering the program mode. Notes: a.

- Programming will cease after 1 minute, when all 4 remote controls have been programmed, the TESTER is disconnected or the Ignition is turned ON.
  - A maximum of 4 remotes can be programmed.

**GALANT** LANCER 1999

**ECLIPSE** MONTERO/PAJERO

2000 onwards

#### **Procedure**

- Close all doors and open drivers door. Insert ignition key.
- 2. Connect TESTER to diagnostic socket, and communicate with vehicle.
- 3. Within 10 seconds of connecting TESTER press the Hazard switch 6 times. Door locks should cycle.
- Press the Lock or Unlock button of the remote control once and then press it again 3 times within 8 seconds of 4. the first press.
- Doors will cycle (lock and unlock).
- Repeat within 30 seconds for additional remotes. 6.
- 7. All existing keys are erased when programming is completed. Ensure all keys are with the vehicle before program-
- Doors should lock and unlock to confirm programming mode.
- Press & release the LOCK button of the remote. 2.
- 3. Within 10 sec: Press the LOCK button of the remote twice.
- Doors should lock and unlock to confirm registration of remote.

**ECLIPSE ECLIPSE SPYDER** 2000 to 2004 2000 to 2004 **ENDEAVOUR** 2004 to 2006 GALANT 1999 to 2006 LANCER 2002 to 2009 OUTLANDER 2003 to 2009 MONTERO 2001 to 2006

# **Procedure**

- Ensure ignition is switched off. 1.
- 2. Short pins 1 to ground of the DLC with a wire link or use ADC194
- Within 10 seconds press the HAZARD switch 6 times. 3.
- Doors should lock and unlock to confirm programming mode. 4.
- 5. Press & release the LOCK button of the remote.
- Within 10 sec: Press the LOCK button of the remote twice. 6.
- Doors should lock and unlock to confirm registration of remote. 7.
- 8. If programming additional remotes, within 1 minute. Repeat steps 5 & 6 for each remote.
- 9 Doors should lock and unlock to confirm registration of each remote.
- 10 Remove wire link or unplug ADC194 to exit programming mode.
- Notes: a. All existing remotes will be erased when the programming mode is entered and must be re-programmed back in as part of the procedure.
  - Ensure all remotes are added within 1 minute of the entering the program mode. b.
  - A maximum of 4 remotes can be programmed.



# REMOTE PROGRAMMING



# **PAJERO**

#### **Procedure**

- Ensure ignition is switched off.
- Short pins 1 to ground of the DLC with a wire link or use ADC194
- Within 10 seconds press the HAZARD switch 3 times. 3.
- 4. Doors should lock and unlock to confirm programming mode.
- Press & release the LOCK button of the remote. 5.
- Within 10 sec: Press the LOCK button of the remote twice.
- Doors should lock and unlock to confirm registration of remote.
- If programming additional remotes, within 1 minute. Repeat steps 5 & 6 for each remote 8
- Doors should lock and unlock to confirm registration of each remote.
- 10. Remove wire link or unplug ADC194 to exit programming mode.

All existing remotes will be erased when the programming mode is entered and must be re-programmed Notes: back in as part of the procedure.

- Ensure all remotes are added within 1 minute of the entering the program mode. b.
- A maximum of 4 remotes can be programmed.

#### **GRANDIS**

#### 2006 onwards

- Short pins 1 to ground of the DLC with a wire link or use ADC194 1.
- 2. Key in the ignition, ignition OFF
- 3. Within 10 seconds press the HAZARD switch 6 times.
- Doors should lock and unlock to confirm programming mode. 4.
- Press & release the LOCK button of the remote. 5.
- Within 10 sec: Press the LOCK button of the remote twice. 6.
- Remove the key from the ignition.
- Remove wire link or unplug ADC194 to exit programming mode. 8.
- Programming complete, doors should now lock and unlock.

DIAMANTE 2002 to 2004 SHOGUN SPORT 2000 onwards SHOGUN PININ 2000 to 2006 SHOGUN 2000 to 2007

# **Procedue**

- Ensure ignition is switched off.
- Short pins 1 to ground of the DLC with a wire link or use ADC194 2.
- 3. Close all doors
- 4. Switch ignition to ACC position and then back to OFF position.
- Doors should LOCK and UNLOCK to confirm programming mode. 5
- Press and release remote LOCK button. 6.
- Within 10 seconds press remote LOCK and UNLOCK button 3 times. 7.
- 8. Doors should lock and unlock to confirm programming.
- For additional remotes repeat the procedure within 1 minute.
- To exit switch ignition ON.

### **MONTERO SPORT**

### 2002 to 2004

### **Procedure**

- Ensure the door locks and unlocks using the key. 1.
- 2. Connect TESTER to diagnostic socket, and communicate with vehicle.
- Within 10 seconds turn the Ignition from OFF to ACCESSORY 3 times within 2 seconds. 3.
- 4. Doors should cycle.
- 5. Press and release the remote control LOCK button.
- Press the Lock of the remote control 2 times within 10 seconds. Doors will cycle. 6.
- Repeat for additional remote controls.

# 380

# **Procedure**

- Key in ignition, in OFF position.
- 2. Connect PRO tester to vehicle.
- Select pajero on menu. 3.
- Wait for audible relay click. 4
- 5 Press hazard buttons 6 times.
- Central locking should operate and hazard lights should flash to indicate programming mode. 6.
- Press and release any button on the first remote control. Then press again 2 more times.
- 8 Repeat for all remotes.



# REMOTE PROGRAMMING



### MITSUBISHI CAN REMOTE PROGRAMMING

The following remote control programming procedure's are used when programming Mitsubishi CAN vehicles, and depending on the model and chassis type, it will depend on which method is used when the PRO refers to the manual.

#### Method A

- Leave the PRO connected to the vehicle, when prompted to perform the procedure from the manual.
- 2. Press and hold the lock and unlock button for four seconds (or four flashes of the key LED).
- 3. Release both buttons and wait for 1 second
- Press and hold the lock button or two seconds or two flashes of the LED 4

If the procedure has worked the key will answer with a single flash and/or the tester will confirm the remote has been

#### Method B

- Leave the PRO connected to the vehicle, when prompted to perform the procedure from the manual.
- 2. Press either the lock or the unlock button three times within 5 seconds

If the procedure has worked the key will answer with a single flash and/or the tester will confirm the remote has been programmed

### Method C

# IMPORTANT: The entire process must be completed within 60 seconds.

- Leave the PRO connected to the vehicle, when prompted to perform the procedure from the manual.
- 2. Press and hold the lock and unlock button for one second or longer.
- 3. Release both buttons for 1 second
- Press unlock button 4.

If the procedure has worked the key will answer with a single flash and/or the tester will confirm the remote has been programmed

# Method D

- Connect the Mitsubishi remote coding adapter ADC194...
- Ignition ON.
- Press the hazard switch 6 times 3.
- Press the remote lock and unlock buttons alternately twice



