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— MITSUBISHI —

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APPLICATIONS

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VEHICLE	YEAR	CABLE
3000GT	ALL MODELS	ADC129
CHALLENGER	ALL MODELS	ADC129
COLT	ALL MODELS	ADC129
EVO	ALL MODELS	ADC129
EXPRESS VAN	ALL MODELS	ADC129
GALANT WAGON	ALL MODELS	ADC129
LANCER	ALL MODELS	ADC129
LANCER WAGON	ALL MODELS	ADC129
MAGNA	ALL MODELS	ADC129
NIMBUS	95	ADC129
NIMBUS	99	ADC129
PAJERO	97	ADC129
PAJERO	2000	ADC129
PAJERO IO	ALL MODELS	ADC129
TRITON	ALL MODELS	ADC129
VERADA	ALL MODELS	ADC129
CARISMA	ALL MODELS	ADC129
ECLIPSE	ALL MODELS	ADC129
GALANT 94	94	ADC129
GALANT 96	96	ADC129
GALANT 00	00	ADC129
L200	ALL MODELS	ADC129
L400	ALL MODELS	ADC129
PININ	ALL MODELS	ADC129
SHOGUN 97	97	ADC129
SHOGUN 00	00	ADC129
SHOGUN SPORT	ALL MODELS	ADC129
SIGMA	ALL MODELS	ADC129
SPACESTAR	ALL MODELS	ADC129
SPACEWAGON 95	95	ADC129
SPACEWAGON 99	99	ADC129

INTRODUCTION

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.

KEY PROGRAMMING—ALL SYSTEMS

DIAGNOSTIC MENU

ECU IDENTIFICATION
FAULT CODES
SPECIAL FUNCTIONS

PRESS ENTER KEY

From the main DIAGNOSTIC MENU select the SPECIAL FUNCTIONS.

DIAGNOSTIC MENU

> PROGRAM KEYS

PRESS ENTER KEY

Select PROGRAM KEYS.

NOTE : The TESTER will automatically input the correct Pin code into the system. If it is wrong INCORRECT ACCESS CODE will be displayed.

BACK TO EXIT

**ENTER TO
PROGRAM NEXT KEY**

NOTE : 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.

**INSERT NEXT KEY
SWITCH IGNITION ON
AND PRESS ENTER
WITHIN 5 SECONDS**

If further keys are required then press the **ENTER** key.

Repeat this procedure for all additional keys.

NOTE : ALL existing keys are erased when programming is completed. Ensure all keys are with the vehicle before programming.

WARNINGS

1. DO NOT INSERT UNPROGRAMMED KEY INTO IGNITION AND SWITCH OFF, UNTIL PROGRAMMING IS 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.

REMOTE CONTROL PROGRAMMING



SPACE WAGON & RUNNER 2000 + PAJERO/MONTERO 2001 MONTERO/PAJERO SPORT + DIAMANTE

Procedure

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

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

NOTE :Programming will cease after 1 minute, when all 4 remote controls have been programmed, the TESTER is disconnected or the Ignition is turned ON.

NOTE : A MAXIMUM OF 4 REMOTES CAN BE PROGRAMMED.

GALANT 99 + & ECLIPSE + LANCER + MONTERO/PAJERO 00+

Procedure

1. 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.
4. Press the Lock or Unlock button of the remote control once and then press it again 3 times within 8 seconds of the first press.
5. Doors will cycle (lock and unlock).
6. Repeat within 30 seconds for additional remotes.

