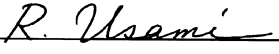




SERVICE BULLETIN

QUALITY INFORMATION ANALYSIS
OVERSEAS SERVICE DEPT. MITSUBISHI MOTORS CORPORATION

SERVICE BULLETIN		No.: MSB-97E17-503	
		Date: 1997-11-24	<Model> ALL MODELS <M/Y> 97-10
Subject: METHOD FOR ERASING CRUISE CONTROL ECU DIAGNOSIS CODE			
Group: ENGINE & EMISSION CONTROL	Draftno: 97-JY-002		
CORRECTION	OVERSEAS SERVICE DEPT	 R. USAMI - MANAGER QUALITY INFORMATION ANALYSIS	

1. Description:

This Service Bulletin informs you of correction to the method for erasing the cruise control ECU diagnosis code.

2. Applicable Manuals:

Manual	Pub. No.	Language	Page(s)
'97 GALANT Technical Information Manual	PYDE9604	(English)	1-25
'97 GALANT Workshop Manual chassis	PWDE9611	(English)	17-9
	PWDS9612	(Spanish)	
	PWDF9613	(French)	
	PWDG9614	(German)	
	PWDD9615	(Dutch)	
	PWDW9616	(Swedish)	

3. Details:

'97 GALANT
Technical Information Manual
'97 GALANT
Workshop Manual chassis

How to erase display diagnosis code

The diagnosis code is hold until the battery power is shut off. However, it can also be erased with simple operation of the control switch, even without disconnecting the battery

Input Check Function

the input check function checks if the input signal is normal when a cruise control failure occurs, including the situation where the cruise control cannot be set.

Code No.	Action	Checking contents	
21	Turn on the SET switch	SET switch circuit	
22	Turn on the RESUME switch	RESUME switch circuit	
23	Turn on the stop lamp switch	Stop lamp switch circuit	
24	Drive at 40 km/h or more	Vehicle speed sensor circuit	
25	Drive at under 40 km/h	Vehicle speed sensor circuit	
26	Turn on the clutch switch <M/T> or inhibitor switch <A/T>	Clutch switch or inhibitor switch circuit	
27	Turn on the CANCEL switch	CANCEL switch circuit	
28	Operate TPS (APS*)	TPS (APS*) circuit	
29	Turn off the idle position switch	Idle position circuit	

NOTE

- *: Vehicles with TCL
- If two more actions are taken at the same time, codes are output in ascending order of code number.

<Correct>

The diagnosis code can be erased by simply operating the auto-cruise control switch. The diagnosis code is stored in non-volatile memory (EEPROM*). For this reason, disconnection of the (-) cable from the battery will not erase the memory. The multi-use tester (MUT-II) cannot erase the memory, either.

NOTE

*: Electrically Erasable Programmable ROM

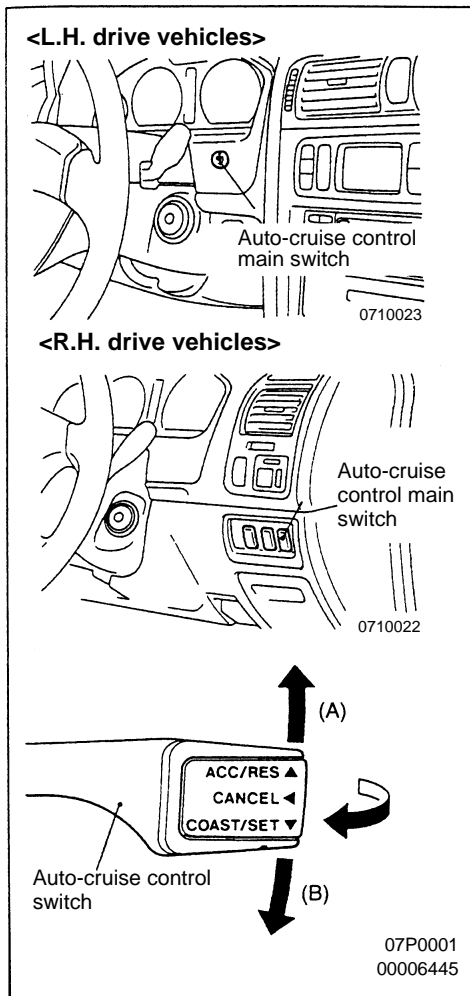
TROUBLESHOOTING

STANDARD FLOW OF DIAGNOSIS TROUBLESHOOTING

Refer to GROUP 00 - How to Use Troubleshooting/Inspection Service Points.

NOTE

Check that the vacuum hose is connected correctly and is not damaged, and then carry out the diagnosis.



DIAGNOSIS FUNCTION

17200210161

METHOD OF READING THE DIAGNOSIS CODES

1. Connecting the MUT-II to the diagnosis connector (16-pin) under the instrument under cover. (Refer to GROUP 00 - How to Use Troubleshooting/Inspection Service Points.)
2. With the ignition switch in the ON position, turn the auto-cruise control main switch to ON and take a reading of the diagnosis codes.

<Deleted>

METHOD OF ERASING THE DIAGNOSIS CODES

The diagnosis codes can be erased by disconnecting (-) cable from the battery for 10 seconds or more and then re-connecting it, or by the following procedure.

1. Turn the ignition switch to ON.
2. After pushing the auto-cruise control switch in the direction of arrow (B) in the illustration, press the cruise control main switch to the ON position, and within 1 second after doing this, push the cruise control switch back in the direction of arrow (A).
3. After pushing the auto-cruise control switch once more in the direction of arrow (A) in the illustration and keeping it in this position, press the stop lamp switch to the ON position for 5 seconds or more.

INPUT SWITCH CODE CHECK METHOD

1. Connect the MUT-II to the diagnosis connector (16-pin) under the instrument under cover.
2. Turn the ignition switch to ON.
3. After pushing the auto-cruise control switch in the direction of arrow (B) in the illustration, press the cruise control main switch to the ON position, and within 1 second after doing this, push the cruise control switch back in the direction of arrow (A).
4. Operate each switch listed in the input check table and take a reading of the input switch codes with the MUT-II.

<Added>

NOTE

Disconnection of the (-) cable from the battery will not erase the diagnosis code.