




# SERVICE BULLETIN

QUALITY INFORMATION ANALYSIS  
OVERSEAS SERVICE DEPT. MITSUBISHI MOTORS CORPORATION

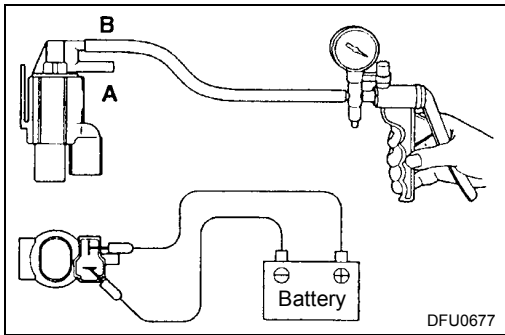
<b>SERVICE BULLETIN</b>		No.: MSB-98E13-502	
		Date: 1999-07-15	<b>&lt;Model&gt;</b> (EC,EXP)GALANT (E50-80)
<b>Subject:</b> ADDITION OF CAUTION CONCERNING THROTTLE ACTUATOR THROTTLE VALVE STOPPER SCREW		<b>&lt;M/Y&gt;</b> 97-10	
<b>Group:</b> FUEL		<b>Draft No.:</b> 98JY542415	
<b>CORRECTION</b>	OVERSEAS SERVICE DEPT	 T. NITTA - VICE GENERAL MANAGER QUALITY INFORMATION ANALYSIS	

## 1. Description:

Caution has been added concerning the throttle actuator throttle valve stopper screw.

## 2. Applicable Manuals:

Manual	Pub. No.	Language	Page(s)
'97 GALANT Workshop Manual CHASSIS	PWDE9611	(English)	13E-61
	PWDS9611	(Spanish)	
	PWDF9611	(French)	
	PWDG9611	(German)	
	PWDD9611	(Dutch)	
	PWDW9611	(Swedish)	



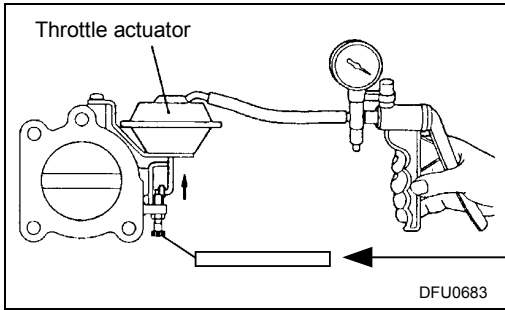
3. Connect a hand vacuum pump to nipple B of the solenoid valve.
4. Use jumper wires to connect the terminals of the solenoid valve and the battery.
5. Check the air-tightness when negative pressure is applied while the jumper wire is connected to the battery (-) terminal and while it is disconnected.

**Normal condition:**

Jumper wire	Nipple A condition	Normal condition
Connected	Open	Negative pressure leaks
	Closed	Negative pressure is maintained
Disconnected	Open	Negative pressure leaks

6. Measure the resistance between the terminals of the solenoid valve.

**Standard value: 36 – 44  $\Omega$  (at 20°)**



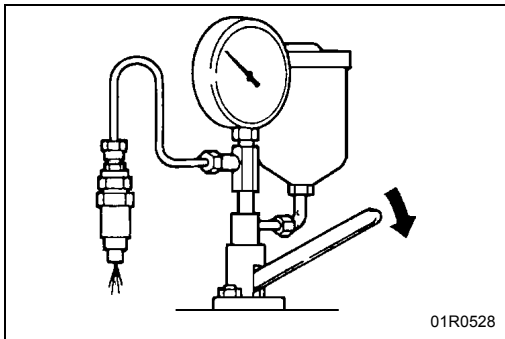
**THROTTLE ACTUATOR CHECK**

13300740016

1. Remove the vacuum hose (red stripe) from the throttle actuator and connect a hand vacuum pump to the throttle actuator nipple.
2. Check that the actuator rod moves smoothly when applying vacuum gradually. Also, check the vacuum is maintained when applying 53 kPa of vacuum.

Throttle valve stopper screw

**<Added>**



**INJECTION NOZZLE CHECK AND ADJUSTMENT**

13300700020

**Caution**

**Never touch the injection spray that is injected from the nozzle.**

**FUEL INJECTION INITIAL PRESSURE CHECK**

1. Install the injection nozzle to a nozzle tester.
2. Move the lever of the nozzle tester 2 – 3 times to inject fuel and to bleed the air.
3. Gently press down the lever of the nozzle tester, and take a reading of the indication value on the pressure gauge at the point where the needle slowly rises and then suddenly drops.

**Standard value: 14.710- 15,690 kPa**

**<Added>**

**Caution**

1. The throttle valve stopper screw has precisely been adjusted at the factory. Therefore, the screw is very difficult to readjust. The screw must not be disturbed.
2. Should the screw be out of adjustment, replace the throttle body assembly.