



# SERVICE BULLETIN

AFTERSALES SERVICE OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-08E13-504	DATE : 2008-06-20
SUBJECT : ITEM NO. 39 IN DATA LIST REFERENCE TABLE FOR 4B12 ENGINE	<div> <div>&lt;MODEL&gt;</div> <div>(EUR/RUSSIA)</div> <div>OUTLANDER</div> <div>(GS45X)(CW0W)</div> </div> <div> <div>&lt;M/Y&gt;</div> <div>08</div> </div>	
GROUP : FUEL		

## 1. Description:

In the data list reference table for the 4B12 engine, a description in item No. 39 "V.V.T. phase angle (exhaust)" is corrected in the applicable Workshop Manuals. This Service Bulletin contains the modified description.

## 2. Applicable Manual:

Manual	Pub. No.	Engine	Title (Info-ID)	Attachment
2008 OUTLANDER Workshop Manual	CGXE08E2-CD (English) CGXF08E2-CD (French) CGXG08E2-CD (German) CGXS08E2-CD (Spanish)	4B12	Data List Reference Table (M131-15-203-16500-01)	Attachment 1

## 3. Corrected Specifications:

See Attachment 1.

### 3. Details:

Attachment 1

DATA LIST REFERENCE TABLE

Item No.	Inspection Item	Inspection condition		Normal condition	Code No. or inspection procedure No.	Reference page
15	Throttle position sensor (sub)	<ul style="list-style-type: none"> <li>Remove the intake air hose at the throttle body.</li> <li>Disconnect the connector of the electronic-controlled throttle valve</li> <li>With the special tool test harness (MB991658) bridge only the mating terminals of No. 3, No. 4, No. 5, and No. 6 of the disconnected connectors</li> <li>Ignition switch: ON (engine stopped)</li> </ul>	Fully close the throttle valve with your finger	4,300 – 4,700 mV	Code No. P0222, P0223	
			Fully open the throttle valve with your finger	300 – 700 mV		
16	Ignition advance	<ul style="list-style-type: none"> <li>Engine: After warm-up</li> <li>Install timing light (for use to measure actual ignition timing)</li> </ul>	Idle operation	2 – 18 °CA	–	–
			2,500 r/min	30 – 46 °CA		
17	Injector drive time <sup>*2</sup>	Set the vehicles to the pre-inspection condition	Idle operation	2.1 – 3.3 ms	–	–
			2,500 r/min	2.0 – 3.2 ms		
			Excessive acceleration	Increased		
31	Exhaust gas recirculation valve	Idle operation with no load		1 – 7 STEP	Code No. P0489, P0490	
		Under the high load operation		Increased		
36	V.V.T.phase angle (intake)	Idle operation with no load		–2.5 to 2.5 °CA	Code No. P0011	
		High load operation		Advances <Incorrect>		
39	V.V.T.phase angle (exhaust)	Idle operation with no load		<del>–19.5 to –9.5 °CA</del>	Code No. P0014	
		High load operation		Retards		
74	Stop lamp switch	Ignition switch: ON	Brake pedal: Depressed	ON	–	–
			Brake pedal: Released	OFF		

<Correct>

–2.5 to 2.5 ° CA