

SERVICE BULLETIN

AFTERSALES SERVICE OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-07E54-501	DATE : 2007-04-20
SUBJECT : COMBINATION METER TERMINAL VOLTAGE TABLE	<div> <div><MODEL></div> <div>(EUR)</div> <div>(Japanese Domestic Spec.)</div> <div>OUTLANDER</div> <div>(GS45X)(CW0W)</div> </div> <div> <div><M/Y></div> <div>06-07</div> </div>	
GROUP : CHASSIS ELECTRICAL		

1. Description:

The descriptions for the combination meter terminal voltage table are corrected in the applicable Workshop Manuals. This Service Bulletin contains the corrected descriptions.

2. Applicable Manuals:

<Japanese Domestic Spec.>

Manual	Pub. No.	Title (Info-ID)	Attachment
2006 OUTLANDER Workshop Manual	PWRE0503R	Check at ECU Terminals (M540-20-120-01300-01)	Attachment 1

<EUR>

Manual	Pub. No.	Title (Info-ID)	Attachment
2007 OUTLANDER Workshop Manual	CGXE07E1-CD (English)	Check at ECU Terminals (M540-20-120-12100-01)	Attachment 2
	CGXS07E1-CD (Spanish)		
	CGXF07E1-CD (French)		
	CGXG07E1-CD (German)		

3. Corrected Specifications:

See Attachments 1 to 2.

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See Attachments 1 to 2.

Attachment 1

			<Correct> Battery voltage
Terminal No.	Check item	Check conditions	Normal conditions
1	ECU power supply (battery)	Always	Battery voltage
2	ECU power supply (Ignition switch: IG1)	Ignition switch: ON	Battery voltage
		Ignition switch: OFF	0 V
3	Meter information switch input	Meter information switch: ON	0 V
		Meter information switch: OFF	<Incorrect> Approximately 5 V
4	Parking brake switch input	Parking brake switch: ON	0 V
		Parking brake switch: OFF	<Incorrect> Approximately 5 V
5	Front seat belt switch (RH) input	Front seat belt switch (RH): ON	0 V
		Front seat belt switch (RH): OFF	<Incorrect> Approximately 5 V
6	Headlamp levelling	During headlamp levelling warning display	0 V
		Without headlamp levelling warning display	<Incorrect> Approximately 5 V
7	–	–	– <Incorrect>
8	Corner sensor RL	When sensor detection is made	0 V
		When sensor detection is not made	<Incorrect> Approximately 5 V
9	Corner sensor RR	When sensor detection is made	0 V
		When sensor detection is not made	<Incorrect> Approximately 5 V
10	Corner sensor FL	When sensor detection is made	0 V
		When sensor detection is not made	<Incorrect> Approximately 5 V
11	Corner sensor FR	When sensor detection is made	0 V
		When sensor detection is not made	<Incorrect> Approximately 5 V
12	Car symbol input	When sensor detection is made	0 V
		When sensor detection is not made	<Incorrect> Approximately 5 V
13	Earth (sensor)	Always	0 V
14, 15	–	–	– <Deleted>
14 to 16	14 to 16	–	–
16	Front seat belt switch (LH) input	Front seat belt switch (LH): ON	0 V
		Front seat belt switch (LH): OFF	Approximately 5 V
17	–	–	– 2V <Incorrect>
18	Input of fuel gauge	Fuel: FULL	<Correct> Approximately 1V
		Fuel: EMPTY	<Correct> Approximately 4V
19	–	–	– 8V <Incorrect>
20	Vehicle speed signal output	Vehicle speed: Approximately 40 km/h	Approximately 28Hz
		Vehicle speed change	In accordance with the vehicle speed, a pulse is generated.
21	Earth (ECU)	Always	0 V

				<Correct>	Battery voltage
Terminal No.	Check item	Check condition	Normal condition		
1	ECU power supply (battery)	Always	Battery voltage		
2	ECU power supply (Ignition switch: IG1)	Ignition switch: ON	Battery voltage		
		Ignition switch: OFF	0 V		
3	Meter information switch input	Meter information switch: ON	0 V		
		Meter information switch: OFF	Approximately 5 V	<Incorrect>	
4	Parking brake switch input	Parking brake switch: ON	0 V		
		Parking brake switch: OFF	Approximately 5 V	<Incorrect>	
5	Seat belt switch (driver's side) input	Seat belt switch (driver's side): ON	0 V		
		Seat belt switch (driver's side): OFF	Approximately 5 V	<Incorrect>	
6	Headlamp levelling	During headlamp levelling warning display	0 V		
		Without headlamp levelling warning display	Approximately 5 V	<Incorrect>	
7 to 12	–	–	–	<Incorrect>	
13	Earth (sensor)	Always	0 V		
14, 15	–	–	–		
16	Seat belt switch (passenger's side) input	Seat belt switch (passenger's side): ON	0 V		
		Seat belt switch (passenger's side): OFF	Approximately 5 V	<Incorrect>	
17	–	–	–	<Incorrect>	
18	Input of fuel gauge	Fuel: FULL	Approximately 1 V	<Correct>	2V
		Fuel: EMPTY	Approximately 4 V	<Correct>	
19	–	–	–	<Incorrect>	8V
20	Vehicle speed signal output	Vehicle speed: Approximately 40 km/h	Approximately 28 Hz		
		Vehicle speed change	In accordance with the vehicle speed, a pulse is generated.		
21	Earth (ECU)	Always	0 V		
22	Illumination (–) output	With daytime lighting control	0 V		
		With nighttime lighting control	In accordance with the rheostat switch operation, a pulse is generated.		
23	Illumination (+) output	With lighting control	Battery voltage		
24	Illumination (power supply)	Always	Battery voltage		