



SERVICE BULLETIN

DOMESTIC SALES & AFTER SALES SERVICE OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-10E42_90-501	DATE : 2010-04-20
SUBJECT : KOS TROUBLESHOOTING	<div> <div><MODEL></div> <div>(EUR/RUSSIA)</div> </div> <div> <div><M/Y></div> <div>07</div> </div>	
GROUP : KEYLESS OPERATION SYSTEM (KOS)/ CIRCUIT DIAGRAMS	<div>OUTLANDER</div> <div>(CW0W)</div>	

1. Description:

2007 Workshop manual: In "Inspection procedure 4: IG knob will not turn" of KOS Troubleshooting, terminal numbers for checking continuity of push switch has been incorrect. This Service Bulletin contains the correct terminal numbers.

2. Applicable Manuals:

<EUR>

Manual	Pub. No.	Title (Info-ID)	Attached Sheet
2007 OUTLANDER Workshop Manual	CGXE07E1-CD (English) CGXS07E1-CD (Spanish) CGXF07E1-CD (French) CGXG07E1-CD (German)	Inspection Procedure 4: IG knob will not turn (Keyless operation key is not recognized). (M429-60-870-08200-01)	Attached sheet 4

<RUSSIA>

Underneath Manual	Underneath Pub. No.	Title (Info-ID)	Attached Sheet
2007 OUTLANDER Workshop Manual	N/A	Inspection Procedure 4: IG knob will not turn (Keyless operation key is not recognized). (M429-60-870-08200-01)	Attached sheet 4

There may be some attached sheets not included in this Service Bulletin because they are not applicable to your market. Their sheet numbers are not listed in the above table.

3. Corrected Specifications:

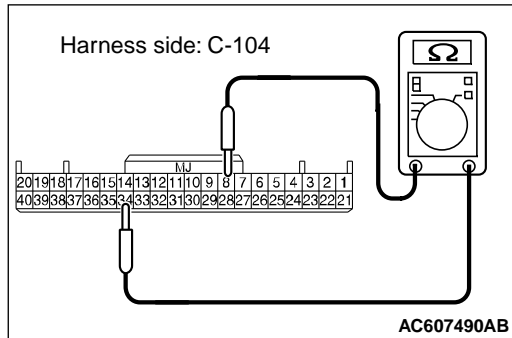
See Attached sheet 4.

YES : Go to Step 5.

NO : Set "KOS feature" to "Both enable" or "ENG strt enable" with a customisation function of M.U.T.-III (Refer to P.42B-103).

STEP 5. Ignition push switch check

- (1) Disconnect the KOS-ECU connector C-104.
- (2) With the IG knob push switch pressed, measure the resistance at the harness-side connector.



- (3) Resistance between the KOS-ECU connector C-104 terminal No. 8 and 34.

OK: Continuity exists (2 Ω or less)

Q: Is the check result normal? <Correct>

YES : Go to Step 6.

NO : Check the C-104 KOS-ECU connector, the C-211 key reminder switch connector, the C-317 ETACS-ECU connector, and the wiring harness between the C-104 KOS-ECU connector (terminal No. 5/8) and the C-211 key reminder switch connector (terminal No. 9/4), and between the C-211 key reminder switch connector (terminal No. 1) and the C-317 ETACS-ECU connector (terminal No. 10), and repair them if necessary. If they are normal, replace the key reminder switch.

<Correct>

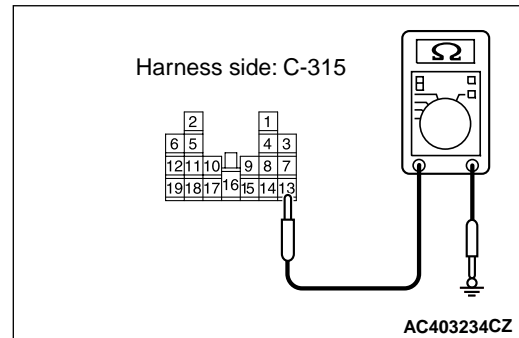
4/10

<Incorrect>

8/34

<Incorrect>

ignition key cylinder.



- (3) Check the continuity between the C-315 ETACS-ECU connector terminal No. 13 and the earth.

OK: Continuity exists (2 Ω or less)

Q: Is the check result normal?

YES : Go to Step 7.

NO : Check the C-211 key reminder switch connector, the C-315 ETACS-ECU connector, the wiring harness between the C-211 key reminder switch connector (terminal No. 3) and the C-315 ETACS-ECU connector (terminal No. 13), and between the C-211 key reminder switch connector (terminal No. 2) and the earth. If they are normal, replace the key reminder switch.

STEP 7. Check with another registered keyless operation key.

Q: Does the IG knob turn? (Is the keyless operation key recognised?)

YES : Replace the keyless operation key with which the IG knob does not turn (no recognition) and register the ID codes (Refer to P.42B-6).

NO : Go to Step 8.

STEP 6. Key reminder switch check

- (1) Disconnect the C-315 ETACS-ECU connector.
- (2) Measure the resistance at the harness-side connector with the ignition key removed from the

STEP 8. Connector check: C-104 KOS-ECU connector, C-34 receiver antenna module connector

Q: Is the check result normal?

YES : Go to Step 9.

NO : Repair the defective connector.

STEP 9. Check the wiring harness between the C-104 KOS-ECU connector terminal No. 11, 12, 32 and the C-34 receiver antenna module connector terminal No. 2, 1, 8.

Q: Is the check result normal?