



MEDIC UPDATE

TECHNICAL SERVICE BULLETIN

SUBJECT:		No: TSB-08-42A-008	
CORRECTED PROCEDURES FOR DTCS B240A & B240B - SERVICE MANUAL REVISION		DATE: May, 2008	
		MODEL: See Below	
CIRCULATE TO:	☐ GENERAL MANAGER	☐ PARTS MANAGER	☒ TECHNICIAN
☒ SERVICE ADVISOR	☒ SERVICE MANAGER	☐ WARRANTY PROCESSOR	☐ SALES MANAGER
TSB Revision: TSB-08-42A-008			

PURPOSE

The descriptions for DTCs B240A and B240B are incorrect in the applicable Service Manuals. This Technical Service Bulletin provides the corrected information. Apply the listed attachment to the related service manual page from the Applicable Manuals listing below.

DTC No.	Diagnostic Item	
	Old	New
B240A	Driver's Side Antenna (outdoor) Open	FL Antenna (outdoor) Open
B240B	Passenger's Side Antenna (outdoor) Open	FR Antenna (outdoor) Open

AFFECTED VEHICLE(S)

2007 - 08 Outlander

2008 - 09 Lancer

2008 Lancer Evolution

APPLICABLE MANUAL(S)

Manual	Pub No.	Description	Attachment/Pg.
2007 OUTLANDER Service Manual	MSCD-007B-2007	Diagnostic Trouble Code Chart, Code No. B240A - FR Antenna (outdoor) Open.	1 - Pg. 42B-18 2 - Pg. 42B-50 3 - Pg. 42B-52
		Diagnostic Trouble Code Chart, Code No. B240B - FI Antenna (outdoor) Open.	
2008 OUTLANDER Service Manual	MSCD-007B-2008	Diagnostic Trouble Code Chart, Code No. B240A - FR Antenna (outdoor) Open.	1 - Pg. 42B-19 2 - Pg. 42B-53 3 - Pg. 42B-56
		Diagnostic Trouble Code Chart, Code	

		No. B240B - FI Antenna (outdoor) Open.	
2008 LANCER Service Manual	MSCD-106B-2008	Diagnostic Trouble Code Chart, Code No. B240A - FR Antenna (outdoor) Open. Diagnostic Trouble Code Chart, Code No. B240B - FI Antenna (outdoor) Open.	1 - Pg. 42B-20 2 - Pg. 42B-55 3 - Pg. 42B-58
2009 LANCER Service Manual	MSCD-106B-2009	Diagnostic Trouble Code Chart, Code No. B240A - FR Antenna (outdoor) Open. Diagnostic Trouble Code Chart, Code No. B240B - FI Antenna (outdoor) Open.	1 - Pg. 42B-19 2 - Pg. 42B-55 3 - Pg. 42B-58
2008 LANCER EVOLUTION Service Manual	MSCD-206B-2008	Diagnostic Trouble Code Chart, Code No. B240A - FR Antenna (outdoor) Open. Diagnostic Trouble Code Chart, Code No. B240B - FI Antenna (outdoor) Open.	1 - Pg. 42B-20 2 - Pg. 42B-72 3 - Pg. 42B-78

Attachment 1

KEYLESS OPERATION SYSTEM (KOS)
DIAGNOSIS

DIAGNOSTIC TROUBLE CODE CHART

M1429600200061

CAUTION

During diagnosis, a DTC associated with other system may be set when the ignition switch is turned on with connector(s) disconnected. On completion, confirm all systems for DTC(s). If DTC(s) are set, erase them all.

Diagnostic trouble code number	Diagnostic item	Reference page
B1731	Engine control module communication timeout	P.42B-23
B1761	VIN code not programmed	P.42B-25
B1A08	Keyless/KOS key1 performance	P.42B-26
B1A09	Keyless/KOS key2 performance	
B1A0A	Keyless/KOS key3 performance	
B1A0B	Keyless/KOS key4 performance	
B1A10	Keyless/KOS key 1 low battery	P.42B-27
B1A11	Keyless/KOS key 2 low battery	
B1A12	Keyless/KOS key 3 low battery	
B1A13	Keyless/KOS key 4 low battery	
B1A24	Key ID not registered	P.42B-28
B1A25	Key ID unmatched	P.42B-30
B1A28	Engine control module authenticate error	P.42B-32
B1A35	Transponder read error	P.42B-34
B2101	IG SW start POS.circuit low	P.42B-38
B2102	IG SW start POS.circuit high	
B2204	Coding data mismatch	P.42B-41
B2206	VIN code mismatch	P.42B-42
B2352	Antenna fail	P.42B-44
B2400	KOS key registration fail	P.42B-46
B2401	Keyless/KOS key ID not registered	P.42B-48
B2402	STL*1 unit comm.(system ID)	P.42B-50
B2403	STL*1 unit comm.(CRC)	
B2404	STL*1 unit comm.(function code)	
B2405	STL*1 unit comm.(rolling code)	
B2406	STL*1 unit comm.(PTC operate)	Driver's side antenna(outside) open Passenger's side antenna(outside) open
B2407	STL*1 unit comm.(EEPROM)	
B2408	STL*1 unit comm.(solenoid)	
B2409	STL*1 unit comm.(No response)	P.42B-53
B240A	FR antenna(outdoor) open	P.42B-55
B240B	FL antenna(outdoor) open	P.42B-58
B240C	Tail gate antenna(outdoor) open	P.42B-61

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Attachment 2

KEYLESS OPERATION SYSTEM (KOS)
DIAGNOSIS

STEP 4. Replace the key reminder switch, and check whether the diagnostic trouble code is reset.

- (1) Erase the DTC.
- (2) Turn the ignition switch from the "LOCK" (OFF) position to the "ON" position.
- (3) Check if the DTC is set.

Q: Is the DTC set?

YES : Replace KOS-ECU and register the ID codes (Refer to P.42B-13).

NO : The trouble can be an intermittent malfunction (Refer to GROUP 00 –How to use Troubleshooting/inspection Service Points –How to Cope with Intermittent Malfunction P.00-15).

<New>

Driver's side antenna(outside) open

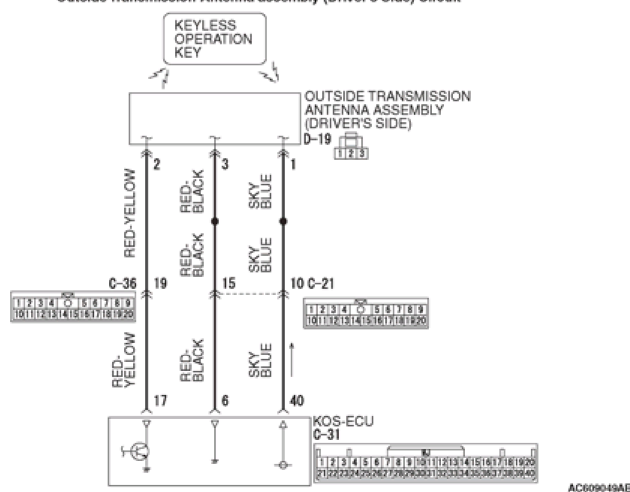
<Old>

DTC B240A: ~~FR antenna(outdoor) open~~

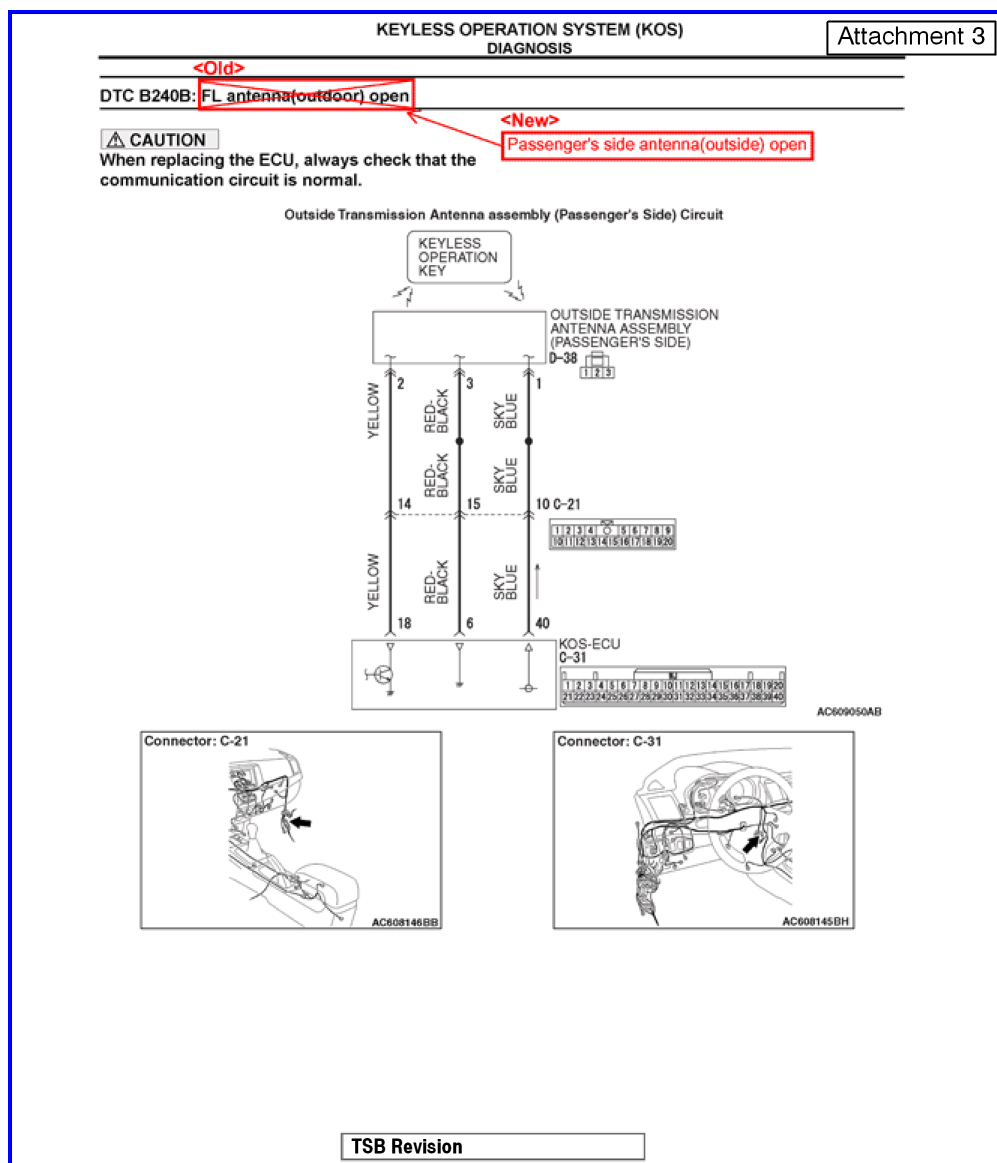
CAUTION

When replacing the ECU, always check that the communication circuit is normal.

Outside Transmission Antenna assembly (Driver's Side) Circuit



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