

Technical Service Bulletin



35 Gearbox malfunction message in cluster (DTC P17D800 or P179D00)


35 12 06 2030477/2 December 7, 2012. Supersedes Technical Service Bulletin Group 35 number 12-05 dated August 10, 2012 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
S4, S5	2010-2012	All	S-Tronic 7 speed transmission

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Service</i> (Removed mechatronics replacement for fault P179D00)
1	8/10/2012	Original publication

In the DIS the following message appears:

 **Gearbox malfunction: you can continue driving**

One or more of the following entries is logged:

DTC P17D800 with DFCC 8040 (Torque limitation because of clutch temperature)

DTC P179D00 with DFCC 8030 (Coolant oil valve electrical malfunction)

May also have the following fault:

DTC P174000 with DFCC 8031 (Clutch temperature monitoring)

The DFCC is the 4-6 digit code that is typically listed before the fault code (Figure 1).

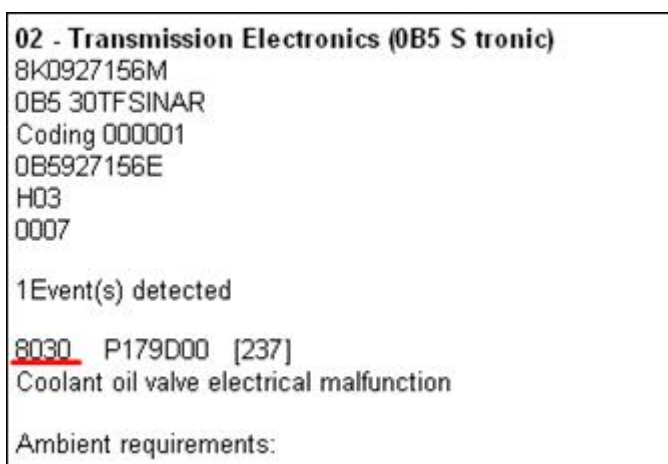


Figure 1. DFCC 4-6 digit code listed before the fault code.



Tip: Fault codes and DFCC codes must match *exactly* or this TSB should not be followed.

Technical Background

Poor internal contact area on circuit board will lead to faults. Oil additives can cause the plastic circuit plates to delaminate causing contact loss.

Production Solution

Improved circuit board for mechatronics unit.

Service

For fault P17D800 with DFCC 8040 or P179D00 with DFCC 8030 :

1. Remove the mechatronics unit per instructions in ELSA *Repair Manual >> Transmission >> S-Tronic Transmission >> 35 Gears, Shafts >> Removal and Installation >> DSG Transmission Mechatronic J743.*
2. Replace the circuit board per instructions in ELSA *Repair Manual >> Transmission >> S-Tronic Transmission Internal Components >> 35 Gears, Shafts >> Removal and Installation >> DSG Transmission Mechatronic J743 Circuit Boards.*
3. Reinstall the mechatronics unit per instructions in ELSA *Repair Manual >> Transmission >> S-Tronic Transmission >> 35 Gears, Shafts >> Removal and Installation >> DSG Transmission Mechatronic J743.*



Note:

Be sure to follow all Cautions and warnings noted in the ElsaWeb Repair Manual.

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Tip: When replacing the circuit board, if the connector locks are damaged the mechatronics unit must be replaced. Once connected, the circuit board cannot be removed and used again.

Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	3511		
Damage Code:	0021		
Labor Operations:	Remove and install Mechatronics	3511 1900	220 TU
	Remove and install printed circuit	3511 3799	40 TU
Diagnostic Time:	GFF to perform adaptation procedure.	0150 0000	Time stated on diagnostic protocol (Max 40 TU)
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	0121 0004	10 TU
	Technical diagnosis at dealer' s discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2030477/2		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

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Required Parts and Tools

Part Number	Part Description	Quantity
0B5398009C	Repair Kit: Printed circuit foil for valve body	1
0B5315105TA	Oil pipe with seal	1
0B5321371E	Pan Gasket	1

Additional Information

All parts and service references provided in this TSB are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.