

# Technical Service Bulletin



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

35 13 10 2030477/3 May 7, 2013. Supersedes Technical Service Bulletin Group 35 number 12-06 dated December 7, 2012 for reasons listed below.

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

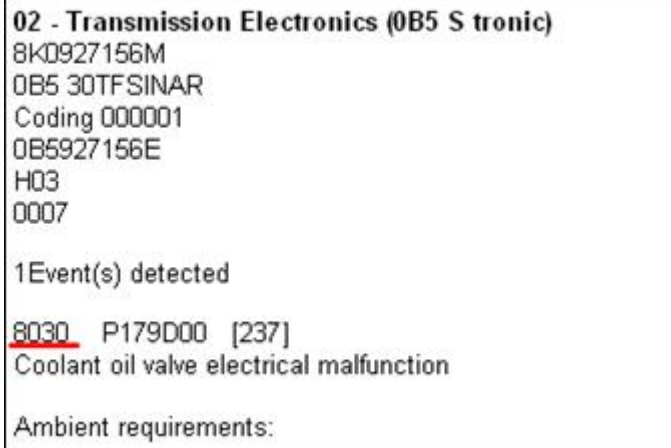
## Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Warranty</i> (Corrected Damage Code)
2	12/7/2012	Revised <i>Service</i> (Removed mechatronics replacement for fault P179D00)
1	8/10/2012	Original publication

- The following message appears in the information display: “Gearbox malfunction: you can continue driving”.
- One or both of the following entries is logged in the transmission control module (address word 02):
  - **DTC P17D800** with **DFCC 8040** (Torque limitation due to clutch temperature)
  - **DTC P179D00** with **DFCC 8030** (Coolant oil valve electrical error)
- In addition, the following entry may be present:
  - **DTC P174000** with **DFCC 8031** (Clutch temperature monitoring)



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

## 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

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:** If the connector locks are damaged when the circuit board is replaced, the mechatronics unit must be replaced. Once connected, the circuit board cannot be removed and used again.

## Warranty

<b>Claim Type:</b>	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
<b>Service Number:</b>	3511		
<b>Damage Code:</b>	0040		
<b>Labor Operations:</b>	Remove and install Mechatronics	3511 1900	220 TU
	Remove and install printed circuit	3511 3799	40 TU
<b>Diagnostic Time:</b>	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)		
<b>Claim Comment:</b>	As per TSB #2030477/3		

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.

## 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.