



Technical Service Bulletin

35 Gearbox Malfunction Warning, DTC P176F00, P176E00 or P175E00 stored in the TCM

35 18 31 2050723/2 June 27, 2018. Supersedes Technical Service Bulletin Group 35 number 18-30 dated June 13, 2018 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3	2017 - 2018	All	With 0GC 7 speed S-tronic transmissions

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Service</i> (Added transmission identification instructions and photo)
1	06/13/2018	Initial publication

Customer states:

- The "Gearbox Malfunction" message has appeared in the Drivers Information Screen (DIS).

Workshop findings:

One or more of the following DTC(s) may be logged in the transmission control module (TCM), J217 (address word 0002):

- DTC P175E00** (clutch 1 closes unintentionally)

And/Or

- DTC P176F00** (clutch 2 closes unintentionally)

And/Or

- DTC P176E00** (clutch 2 opens unintentionally)

Various other DTCs may also be logged in the transmission control module (TCM), J217 (address word 0002).

Technical Background

Not applicable.

Production Solution

Not applicable.



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Service

One or several of the following DTCs can be logged in the diagnosis log in address 0002 - gearbox electronics. Please monitor the symptom and error type 2 as well as the frequency.

Event memory	Symptom	Error type 2	Frequency Counter
P175E00 clutch 1 closes unintentionally	10747	passive/sporadic	2 or less
P176F00 clutch 2 closes unintentionally	10748	passive/sporadic	2 or less
P176E00 clutch 2 opens unintentionally	10694	passive/sporadic	2 or less

Address: 0002 System name: 02 - Transmission Electronics (7-speed 0GC) Log versions: UDS/ISOTP

☐ Identification:

☐ DTC memory entries:

DTC memory entry

Number:	P176E00: Clutch 2 opens unintentionally
Error type 2:	passive/sporadic
Symptom:	10694
Status:	00101000

☐ Standard ambient conditions:

Date:	2/3/18
Time:	7:19:43 PM
Mileage (DTC):	16295
Priority:	0
Frequency counter:	1
Elimination counter / driving cycle:	255

Figure 1. Diagnosis log example.

1. If any logged DTCs match exactly in symptom, error type 2 and have a frequency counter of 1 or 2 in the diagnosis log (Figure 1), delete all DTCs in address 0002 - gearbox electronics. Test drive the vehicle and check whether the DTC(s) is logged again. If the fault does not return check the vehicle history to make sure this TSB has not been claimed before.
2. **A.** If the customer concern is gone and this TSB has not been claimed before, no further repairs are necessary.

OR

B. If the customer concern returns, the frequency counter is higher than 2, the fault type 2 is static or if this TSB has been claimed before this TSB does not apply. However; the following will need to be performed for a repair direction:



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- Perform the ODIS test plan for the fault but do not perform a repair.
- Check the ATF level and condition.
- Obtain the transmission identification information from the bellhousing (Figure 2).

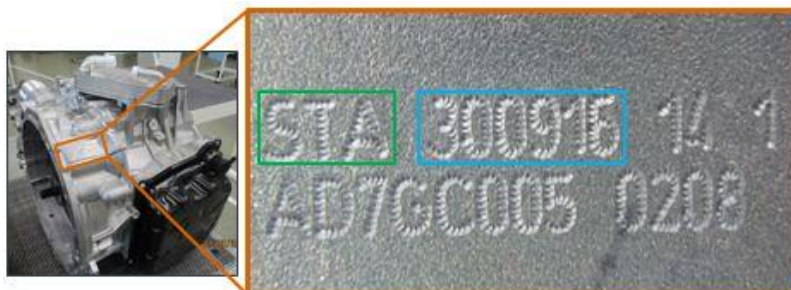


Figure 2. Transmission identification example.

- Open an Audi Technical Assistance Contact.
- Attach a picture of the ATF condition, the ODIS test plan and enter the transmission identification information into the contact.
- Contact the Audi Technical Assistance Center for further directions.

Warranty

Claim Type:	• 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	3511		
Damage Code:	0010		
Diagnostic Time:	GFF	0150 0000	Time stated on diagnostic protocol (Max 50 TU)
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
Claim Comment:	As per TSB #2050723/2		



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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.

Additional Information

All parts and service references provided in this TSB (2050723) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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