



Technical Service Bulletin

35 Transmission malfunction, DTC P173500 and/or P173600 is stored in the TCM

35 20 37 2058504/1 February 7, 2020.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3, A3 Cabriolet, S3, RS3, TTRS	2017 - 2020	All	With 0DL and 0GC transmissions
TTS, TTR	2019 - 2020	All	With 0DL and 0GC transmissions

Condition

Customer states:

- The transmission shudders when driving.

Or

- The message "Gearbox Malfunction" appears in the instrument cluster.

Or

- The message "Gearbox in emergency operation" appears in the instrument cluster.

Or

- The gearbox only works in emergency operation (Limp Home Mode). Driving is only possible in gears 1-3-5-7 or 2-4-6.

Workshop findings:

- One or more of the customer statements can be reproduced.

One or both of the following DTCs may be stored in the transmission control module (TCM), J217 (address word 0002):

- **DTC P173500** (position sender for clutch 1, electric fault) with symptom code 10666.

And/or

- **DTC P173600** (position sender for clutch 2, electric fault) with symptom code 10668.

Technical Background

Component-related deviation in the transmission mechatronics unit.



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Production Solution

Not applicable.

Service

The following DTC(s) may be stored in the TCM, J217 (address word 0002):

- **DTC P173500** (Position sensor for clutch 1, electrical error) with symptom code 10666 (Figure 1).

And/or

- **DTC P173600** (Position sender for clutch 2, electric fault) with symptom code 10668 (Figure 1).

DTC memory entry

Number:	P173500: Position sensor for clutch 1 Electrical error
Error type 2:	passive/sporadic
Symptom:	10666
Status:	00101000

Figure 1. DTC code and symptom code.

If either of the above faults are stored with the corresponding symptom code, then replace the Mechatronics unit according to the repair manual.

Warranty

Claim Type:	• 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	3511		
Damage Code:	0040		
Labor Operations:	Mechatronic remove + reinstall (A3, S3, TT, and TTS)	3511 1915	See SRT
	Mechatronic remove + reinstall (TTRS)	3511 1912	See SRT
	Mechatronic remove + reinstall (RS3)	3511 1999	250 TU



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Diagnostic Time:	GFF	0150 0000	Time stated on diagnostic protocol (Max 80 TU)
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	No allowance	0 TU
Claim Comment:	As per TSB #2058504/1		

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 (2058504) 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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