



Technical Service Bulletin

39 Four-wheel drive malfunction message, DTC C05ED00 stored in the all-wheel drive control module

39 20 27 2051558/2 March 20, 2020. Supersedes Technical Service Bulletin Group 39 number 18-21 dated June 15, 2018 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A4 allroad	2017 – 2018	All	Quattro Ultra
A5, A5 Cabriolet, A5 Sportback, and Q5	2018	All	Quattro Ultra

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Warranty</i> (Updated Labor Operations)
1	06/15/2018	Initial publication

Customer states:

- The message "four-wheel drive malfunction" is sporadically shown in the instrument cluster.

Workshop findings:

The following DTC is logged in the all-wheel drive control module, J492 (address word 0022):

- DTC C05ED00** (4WD/AWD Clutch "B" Stuck Engaged) with symptom code 29725.

Technical Background

Not applicable.

Production Solution

Not applicable.



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Service

Proceed as follows:

Complete the ODIS test plan for the **DTC C05ED00** (4WD/AWD Clutch "B" Stuck Engaged) completely according to Guided Fault Finding to rule out other reasons for the restricted function and to avoid an unnecessary parts replacement:

- If the result of the test plan leads to a repair, follow the Guided Fault Finding repair advice and this TSB does not apply.
- If the result of the test plan finds no defect, perform a short test drive. If the same DTC returns after the test drive with the same symptom, replace the rear differential.

Upload the diagnosis protocol to GFF paperless.

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:	3988		
Damage Code:	0016		
Labor Operations:	AWD final drive assembly remove + reinstall	3988 19XX	See SRT
	Some models have associated labor operations depending on their equipment	See Elsa	See Elsa
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 100 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 #2051558/2		

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

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA
Order by VIN	Rear Differential	01

Additional Information

All parts and service references provided in this TSB (2051558) are subject to change and/or removal.

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