



Technical Service Bulletin

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

39 18 21 2051558/1 June 15, 2018.

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

Condition

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.

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 result of the test plan leads to a repair, follow the Guided Fault Finding repair advice and this TSB does not apply.



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- If the result of 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 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 (Q5)	3988 1900	190 TU
	AWD final drive assembly remove + reinstall (A5 Cabriolet)	3988 1900	250 TU
	AWD final drive assembly remove + reinstall (A4, A5 Coupe, and A5 Sportback)	3988 1900	220 TU
Diagnostic Time:	GFF	0150 0000	Time stated on 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 #2051558/1		

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.



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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
Must be ordered to the VIN of the Vehicle	Rear Differential	1

Additional Information

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

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