



# Technical Service Bulletin

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## 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.



# Technical Service Bulletin

- 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

<b>Claim Type:</b>	<ul style="list-style-type: none"><li>• 110 up to 48 Months/50,000 Miles.</li><li>• G10 for CPO Covered Vehicles – Verify Owner.</li><li>• If vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li></ul>		
<b>Service Number:</b>	3988		
<b>Damage Code:</b>	0016		
<b>Labor Operations:</b>	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
<b>Diagnostic Time:</b>	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
<b>Claim Comment:</b>	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.



# Technical Service Bulletin

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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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