



Technical Service Bulletin

34 Quattro Ultra (DTC U030000) stored in all wheel drive control module

34 18 30 2048671/2 February 19, 2018. Supersedes Technical Service Bulletin Group 34 number 17-23 dated August 21, 2017 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>Service</i> (New instructions for software level 0003 or lower and added Note) Revised <i>Warranty</i> (Updated Labor Operations) Revised <i>Required Parts and Tools</i> (Added table)
1	08/21/2017	Initial publication

Customer may report:

- “All Wheel Drive Malfunction Message” is displayed in the instrument cluster

Workshop Findings:

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

- **DTC U030000** (Internal Control Module Software Incompatibility active/static)

Technical Background

Quattro Ultra software error.

Production Solution

Not applicable.



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Service

1. Check the software version number in the all-wheel drive control module, J492 (address word 0022).
2. If the software version number is 0003 or lower (Figure 1) replace the all-wheel drive control module per the Repair Manual instructions.
3. If the software version number is 0004 or 0005 (Figure 1) delete the DTC.



Note:

Replacing the all-wheel drive control module is not an effective repair and a new software level is being prepared to correct the concern.

4. If the fault returns open a Technical Assistance Center (TAC) case and attach a copy of the diagnosis log.

Address: 0022 System name: 22 - All-Wheel Drive Electronics Log versions: UDS/ISOTP (Ereignisse: 1)

☐ Identification:	
Hardware part number:	0CJ927749
Part number:	80A927755
Hardware version number:	H01
Software version number:	0004
Production date:	13.02.2017
Coding:	☐
Coding:	11070000
Ability to flash:	Unknown
System name:	Q5_DL3_N_SD4
ASAM base version:	BV_AllWheelContrUDS
ASAM 2D/ODX data set:	EV_AWDCQUOD31
ASAM 2D/ODX data set version:	001048
ASAM/ODX control module version being used:	EV_AWDCQUOD31_001
Equipment code:	00 00 00 00 00 00 00 00 00 00 00 00
System abbreviation:	J492
☐ DTC memory entries:	
DTC memory entry	
Number:	U030000: Internal Control Module Software Incompatibility
Error type 2:	active/static
Symptom:	34397
Status:	01100101

Figure 1. Software Version Number.



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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:	3481		
Damage Code:	0039		
Labor Operations:	Replace All Wheel Drive Control Unit (Software level 0003 or lower only)	3481 5599	50 TU
Diagnostic Time:	GFF	0150 0000	Time stated on diagnostic protocol (Max 40 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 #2048671/2		

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.

Required Parts and Tools

Part Number	Part Description	Quantity
Must be ordered to the VIN of the vehicle in ETKA	Electronic control module for 4 wheel drive	1 (Only if software level 0003 or lower installed)

Additional Information

All parts and service references provided in this TSB (2048671) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.



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