



Technical Service Bulletin

45 ABS/ESC control unit cannot be reached "DTC U012100 ABS Control Module no communication" stored

45 24 39 2072977/1 February 14, 2024.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
e-tron quattro	2019 2021 – 2023	All	Not Applicable
e-tron Sportback quattro	2020 – 2023		
e-tron S	2022 – 2023		
Q8 e-tron, Q8 Sportback e-tron, SQ8 e-tron, and SQ8 Sportback e-tron	2024		

Condition

Customer states:

- There is reduced braking assistance and various warning lamps appearing in the instrument cluster.

Workshop findings:

- ABS/ESC Control unit -J104- (Diagnostic address 0003) cannot be reached in communication.

The DTC "U012100 (Symptom Code 19875), ABS Control Module no communication" is also logged in the diagnostic address 0001.

Technical Background

Control unit -J104- has performed a restart. After this, the electromechanical brake servo remains on the hydraulic fallback level and no bus communication takes place. This results in driver messages from other vehicle systems being displayed. This restart only occurs in very rare exceptional cases.

Production Solution

Not applicable.



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Service

Proceed as follows:

Vehicles equipped with ABS/ESC control unit -J104- with software version SW 2XX.

- Disconnect 12V battery from the vehicle for 5 minutes and then check the accessibility of the control unit J104 in the diagnosis. DTCs with the designation "P060A00, Control module internal processor monitoring malfunction" may be logged in the control unit as passive/intermittent.
- Delete these and all other intermittent DTCs in other control units and check control unit J104 again after switching the ignition off and back on.

When communication is correct and there are no other DTCs in address 0003, the vehicle is then ready for use again and can be released.

A software solution for this issue will be available in a future revision of this TSB. It is currently planned for the 2nd quarter of 2024.

Vehicles equipped with ABS/ESC control unit -J104- with software version SW 321.

- Disconnect 12V battery from the vehicle for 5 minutes and then check the accessibility of the control unit J104 in the diagnosis. DTCs with the designation "P060A00, Control module internal processor monitoring malfunction" may be logged in the control unit as passive/intermittent.
- Delete these and all other intermittent DTCs in other control units and check control unit J104 again after switching the ignition off and back on.

When communication is correct and there are no other DTCs in address 0003, the vehicle is then ready for use again and can be released.

A software solution for this issue will be available in a revision of this TSB. It is currently planned for the 3rd quarter of 2024.

NOTICE

Do not replace any component. Any control unit replacement for this concern may be denied. A software solution is under development and will be published in a future revision of this bulletin.

Warranty

Claim Type:	110 Up to 48 Months/50,000 Miles.
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	G10 for CPO Covered Vehicles – Verify Owner. If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	4545		
Damage Code:	0040		
Labor Operations:	Disconnect, Reconnect battery	4770 4999	20 TU
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 50 TU)
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB 2072977/1		

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 part and service references provided in this TSB (**2072977**) 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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