

Technical Service Bulletin



93 Vehicle does not start and/or charging handle may not function correctly. DTC: U019B00 stored in 8C 93 23 96 2069853/1 March 27, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A7 e quattro	2021 – 2022	All	PHEV

Condition

Customer states:

- The drive system cannot be activated and/or the vehicle does not start.
- Message in instrument cluster: **“Electrical system: fault. Please contact workshop”**.
- The charging connector is displayed as locked although it is not plugged in.
- The charging connector cannot be unlocked.

Workshop findings:

The following DTC (intermittent or static) may be stored in the Hybrid Management, J840 (diagnostic address 008C):

DTC U019B00 Lost Communication with Battery Charger Control Module.

Technical Background

Damage to wires at coupling points T6bl and T8bd due to environmental influences.

Production Solution

Not Applicable

Service



Check the connection points T6bl and T8bd for damaged wires. (positions A and B in figure 1)

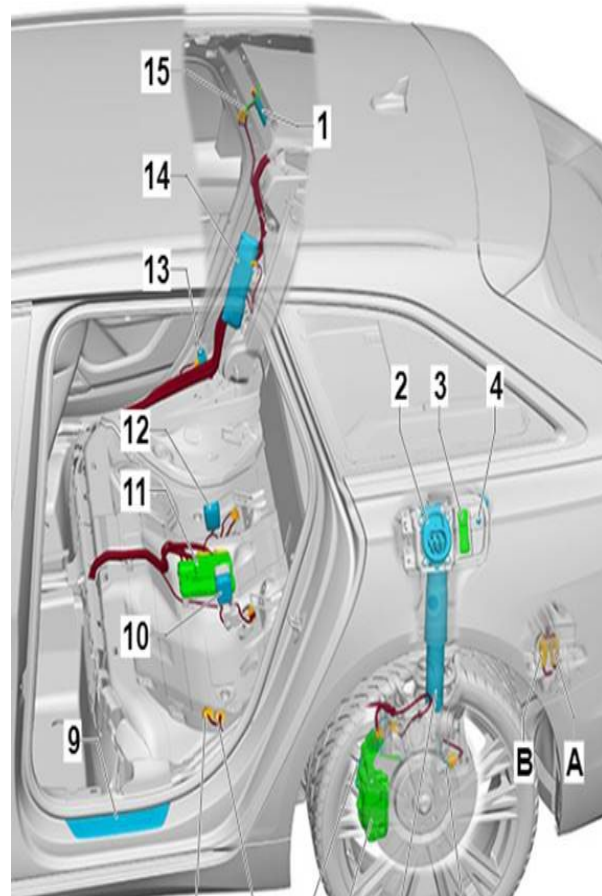


Figure 1: Inspect connectors at location A and B.



If you discover any damage to the wires, repair both connectors as follows:

Using a seam ripper, remove the fabric tape between both connectors and body grommet.

Repair damaged wires using the wiring harness repair set **VAS 1978 B**.

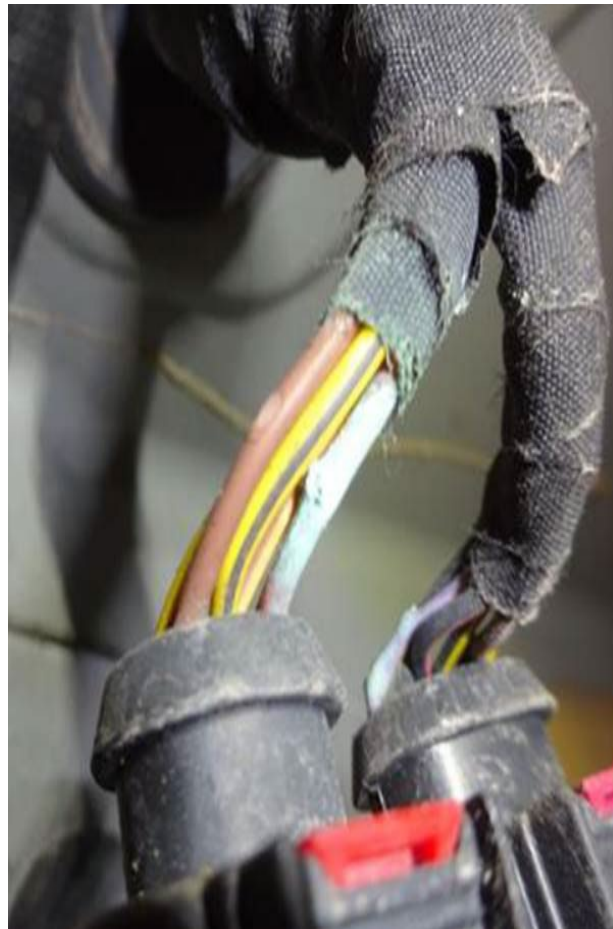


Figure 2: Damaged wires at T6bl and T8bd.



If there is not enough space to repair the damaged wires between the connector and body grommet, the crimp connectors must be placed on the inside of the vehicle. The body grommet must then be sealed off again using butyl.



Apply approximately 4 cm of butyl around the wires and connector housings as seen in Figure 3.

Perform this step to both connectors T6bl and T8bd.

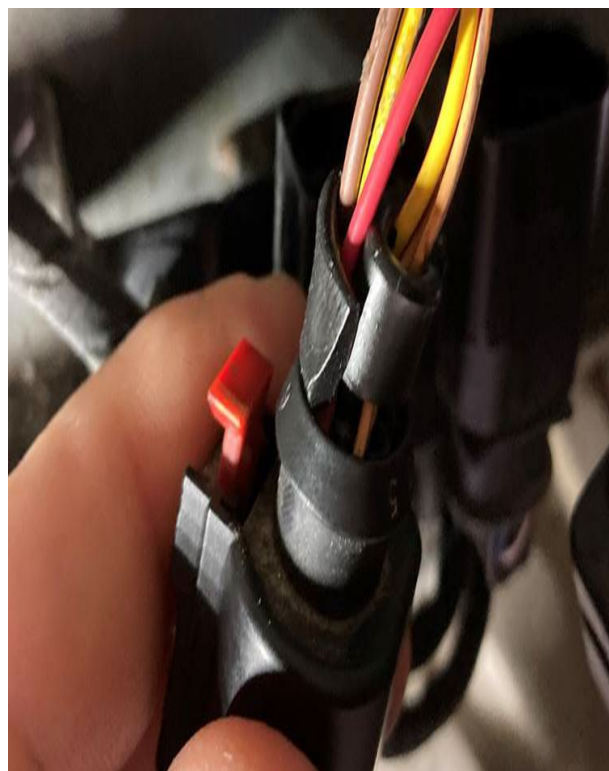


Figure 3: T6bl and T8bd butyl applied.

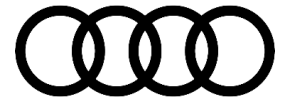


Press the butyl into the connector as seen in Figure 4.

Perform this step to both connectors T6bl and T8bd.



Figure 4: T6bl and T8bd butyl installed.



Wrap harness with fabric tape **N 10592002** from both connectors to the body grommet as seen in Figure 5.

Make sure to start wrapping on the connector and wrap upwards towards grommet with 50% overlap.



Figure 5: T6bl and T8bd harness wrapped.



Finally, wrap the two bundles of wires together as seen in Figure 6.

Apply the cloth tape starting on the harness halfway point and then wrapping with 50% overlap towards the grommet.



Figure 6: Harness fully repaired.

Warranty

Claim Type:	<ul style="list-style-type: none"> • 110 Up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	9709		
Damage Code:	0033		
Labor Operations:	Remove and install wheel	4405 1900	See SRT with associated operations
	Remove and install rear wheel housing liner	6676 1950	See SRT with associated operations

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	Repair wiring harness (depending on number of defective wires)	9709 41xx	See SRT with associated operations
	Repair wiring harness	9709 4199	40 TU
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 100 TU)
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2069853/1		

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.

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
000979025E	Individual wire 0.5mm ²	as required
000979150E	Individual wire 1.0mm ²	as required
N 10592002	Fabric tape	0.5
D 450P00M2 Or AKL 45000505	Butyl tape	0.1
000979940	Crimp connectors 0.35 - 0.5mm ²	as required
000979941	Crimp connectors 0.75 - 1.0mm ²	as required
3B0972742C	Wiring seal 0.5 - 1.0mm ²	as required



Additional Information

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