



Technical Service Bulletin

91 No diagnostics communication to the telematics control module (ConBox); DTC U142100

91 23 15 2070942/1 July 19, 2023.

| Model(s) | Year | VIN Range | Vehicle-Specific Equipment |
|---|------|-----------|----------------------------|
| A4, A4 allroad, S4, A5, A5 Cabriolet, A5 Sportback, S5, S5 Cabriolet, S5 Sportback, RS 5, RS 5 Sportback, A6, A7, A8, Q5, SQ5, Q7, and Q8 | 2019 | All | Not Applicable |

Condition

Customer states:

- An SOS Warning might be displayed in the instrument cluster (Figure 1).



Figure 1. Emergency call malfunction warning.

Or

- Connectivity features like remote locking and unlocking are not working.

Or

- No diagnostics communication can be established to the control module for the emergency call module and communication unit (telematics control module or ConBox), -J949- (address word 0075) during vehicle diagnostics.

Workshop findings:

The following DTC may be entered in the Databus Control module -J533- (address word 0019):

- DTC U142100:** Control module for emergency call module and communication unit no communication.

Criterion 1:



Technical Service Bulletin

The control module for the emergency call module and communication unit (ConBox) -J949- (address word 0075) can be accessed via ODIS.

Criterion 2:

No diagnostics communication can be established with the control module for the emergency call module and communication unit (ConBox). -J949- (address word 0075) via ODIS.

Technical Background

There is no communication with emergency call module control unit and communication unit -J949- (address word 0075) or communication is disrupted.

This is indicated by a DTC (U142100) in the gateway -J533- (address word 0019).

As soon as communication can be re-established, this event memory is entered as sporadic.

Production Solution

Implementation of the ConBox High system starting in MY20/21.

Service

Criterion 1:

- Please clear the DTCs
- Do not replace any parts. Any claims for replaced parts for this criterion may be denied.
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Criterion 2:

1. Remove and unplug the control module for the emergency call module and communication unit, J949 (address word 0075) according to the Elsa Repair Manual.



Technical Service Bulletin

2. Open the battery compartment of the control module for the emergency call module and communication unit, J949 (address word 0075), and disconnect the backup battery (Figures 2 - 3).

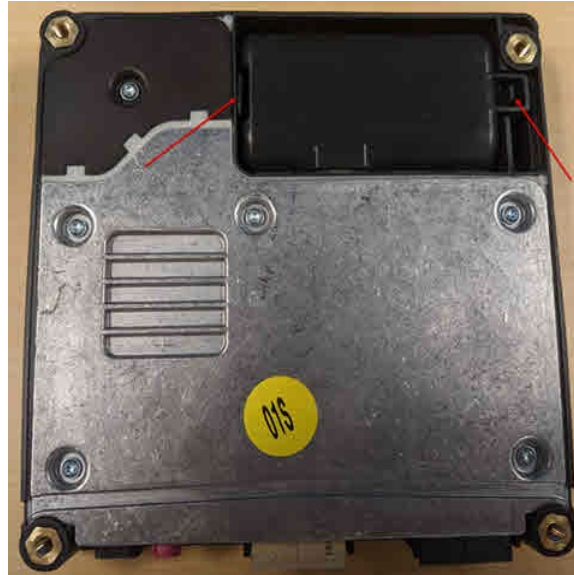


Figure 2. Backup battery compartment location.

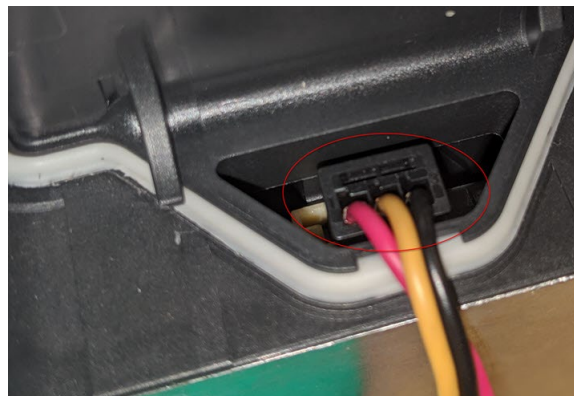


Figure 3. Backup battery connector (no release mechanism).

5. Wait approximately one minute, then reinstall the backup battery back into the control module for the emergency call module and communication unit, -J949- (address word 0075).
6. Reinstall the control module for the emergency call module and communication unit, -J949- (address word 0075) back into the vehicle.
7. If ODIS **still cannot** connect to the control module for the emergency call module and communication unit, - J949- (address word 0075), then follow the ODIS test plan and replace the control module for the emergency call module and communication unit with the part specified in ETKA.

Please upload a new GFF log to paperless showing that the ConBox still doesn't communicate with ODIS after the power cycle procedure listed above.



Technical Service Bulletin

If ODIS **can connect** to the control module for the emergency call module and communication unit, -J949- (address word 0075) after this procedure, clear the DTCs and release the vehicle. Any claims for replaced parts may be denied in this case.

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: | 9145 | | |
| Damage Code: | 0039 | | |
| Labor Operations: | Remove and install/replace telematics control unit | 9170 19xx / 9170 55xx | See SRT with associated operations |
| | Remove and install emergency battery for telematics | 9178 1999 | See SRT with associated operations |
| 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 | No allowance | 0 TU |
| Claim Comment: | As per TSB 2070942/1 | | |

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 |



Technical Service Bulletin

| | | |
|----------|--|---------------|
| See ETKA | Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual | See ETKA/ELSA |
| See ETKA | Control module for the emergency call module and communication unit (ConBox), J949 [if required per Criterion 2, step 7) | 01 |

Additional Information

All parts and service references provided in this TSB (**2070942**) are subject to change and/or removal.

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