

# Technical Service Bulletin



**97 MIL on: DTC U064100 or U064000 for fuel tank breather - 2.0 ltr. TFSI EA888**

97 23 90 2069123/1 January 17, 2023.

| Model(s)                                                    | Year        | VIN Range | Vehicle-Specific Equipment |
|-------------------------------------------------------------|-------------|-----------|----------------------------|
| A4, A4 allroad,<br>A5, A5 Cabriolet,<br>and A5<br>Sportback | 2021 – 2022 | All       | Not Applicable             |

## Condition

### Customer states:

The check engine warning lamp comes on.

### Workshop findings:

One or more of the following DTCs are stored sporadically in the Engine Control Module, J623 (address word 01):

- **DTC U064000:** Lost Communication with EVAP Fuel Vapor Temperature Sensor Circuit
- **DTC U064100:** Lost Communication with EVAP System Pressure Sensor/Switch Circuit "A"

## Technical Background

In certain circumstances, EMI may negatively influence the signal from the fuel tank breather system.

## Production Solution

Not applicable.

## Service

For DTC's that are statically stored, continue with normal diagnosis, in this case the TSB does not apply.

**Note:** Replacing the tank pressure sender will not fix the problem.

For DTC's that are stored sporadically, the wire harness will need to be modified using the steps below.



1. Remove plenum chamber covers (green arrows, Figure 1)

Release wiring harness securing clips (yellow arrows, Figure 1).

Using a seam ripper, expose the wiring harness as shown in Figure 2.



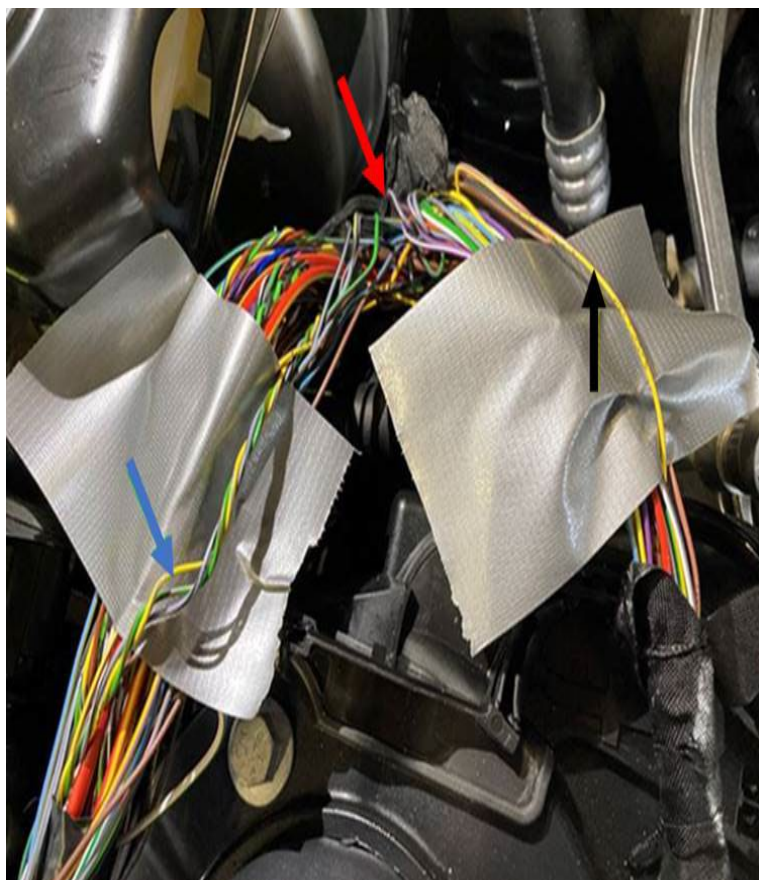
**Figure 1:** Plenum chamber covers (green arrows).

2. Isolate the yellow/grey wire (triple twisted wire; blue arrow, figure 2) in the left bundle.

Isolate the yellow/purple wire in the right bundle (black arrow, Figure 2).

Cut the yellow/grey wire at the blue arrow and unravel it in the direction of the plenum chamber up to the red arrow.

Cut the yellow/purple wire at the black arrow.



**Figure 2:** Wires isolated for modification.

3. Using wire harness repair set **VAS 1978 B**, perform the following:

Connect the untwisted yellow/grey wire (plenum chamber side) from the left bundle to the yellow/purple wire in the right bundle (engine side).

Connect the remaining yellow/purple wire (plenum side) to the yellow/grey wire (engine side).



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**Figure 3:** wire modification complete.

4. Clear DTCs and recheck functionality. If ok, wrap the wiring harness in adhesive tape **N 10729002** and reassemble the vehicle.

## 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 the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.</li></ul> |              |                                                     |
| <b>Service Number:</b>   | 9709                                                                                                                                                                                                                                                   |              |                                                     |
| <b>Damage Code:</b>      | 0040                                                                                                                                                                                                                                                   |              |                                                     |
| <b>Labor Operations:</b> | Remove and install plenum chamber cover                                                                                                                                                                                                                | 8522 1900    | See SRT with associated operations                  |
|                          | Repair wiring harness                                                                                                                                                                                                                                  | 9709 4152    | See SRT with associated operations                  |
|                          | Modify wiring harness                                                                                                                                                                                                                                  | 9709 4999    | 10 TU                                               |
| <b>Diagnostic Time:</b>  | 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                                               |
| <b>Claim Comment:</b>    | As per TSB 2069123/1                                                                                                                                                                                                                                   |              |                                                     |

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. |                         |                 |
| <b>Part Number</b>                                                                                  | <b>Part Description</b> | <b>Quantity</b> |



|            |                                                                    |               |
|------------|--------------------------------------------------------------------|---------------|
| See ETKA   | Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual | See ETKA/ELSA |
| 000979940  | Butt connector                                                     | 2             |
| N 10729002 | Adhesive Tape                                                      | .2            |

## Additional Information

All parts and service references provided in this TSB (**2069123**) are subject to change and/or removal.  
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