



Connection offline

Technical Service Bulletin

Transaction No.: **2081573/2**

20 Fuel Pump/Sender, Fuel tank level implausible, DTC B105A1A B103E29 Stored in 0017

Release date: Jun 2, 2026

Condition

Model(s)	Year(s)	VIN Range	Vehicle Specific Equipment
Q7	2017 – 2026	All	Not applicable
Q8	2019 – 2026		
Q3	2019 – 2025		
SQ7, SQ8 and RS Q8	2020 – 2026		

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Added Q7, and Q8) Revised <i>Condition</i> (Updated model table)
1	04/06/2026	Initial publication

Customer states:

- The customer complains that the vehicle has run out of fuel, even though the fuel gauge still shows that there is some remaining range or that the fuel tank is half full.

Or

- The customer complains that the fuel level indicated by the fuel gauge is implausible.

Workshop findings:

No DTCs are logged, or one of the following DTCs is in the *Instrument Control Module*, -J285- (address word 0017):

- DTC B103E29:** Fuel level sensor 1 implausible signal
- DTC B105A1A:** Covering for fuel level indicator sensor 2 Resistance too low
- DTC B105829:** Fuel level sensor 2 implausible signal
- DTC B103E1A:** Fuel level sensor 1 Resistance too low
- DTC B10581A:** Fuel level sensor 2 Resistance too low
- DTC B10591A:** Covering for fuel level indicator sensor 1 Resistance too low

Technical Background

Not applicable.

Production Solution

Not applicable.

Service

Please check the 6-pin connector of the electric fuel pump using a multimeter. As part of this check, measure the resistance between all pin combinations. If available at your dealership, VAS5260A Vehicle Diagnostic Tester - Test Adapter can be used as well to help measure the resistances.

The measurement must be performed with the fuel pump removed and the fuel tank senders unplugged (2x 3-pin connector from below).

- Resistance smaller than 1 MΩ = not OK (except for pins 1-2 as these are internally short-circuited).

If the measured values are implausible, please replace the fuel pump.



Figure 1. The 6-pin connector of the electric fuel pump is circled above in blue.

Warranty

Claim Type:	• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2066		
Damage Code:	0010		
Labor Operations:	Remove and install electric fuel pump	2066 19XX	See SRT with associated operations
	Perform measurements for the electric fuel pump with multimeter	2066 0399	10 TU
	GFF/ Guided Functions	0150 0060	Time stated on the diagnostic protocol
Claim Comment:	As per TSB 2081573/2		

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.

Please note the information on predecessors and items that are included and excluded in the repair operations as well as any associated tasks.

Try to reproduce the customer complaint (based on the description/cause of the issue), so that it can be clearly assigned to this TSB. The following repair must only be carried out if all the criteria (model/type, chassis number, engine/motor, gearbox code, PR number(s), part number, software version, code, etc.) apply exactly. Otherwise, this solution will not eliminate the problem and repeat repairs may be necessary. In such a case, the warranty claim may be rejected, and the cost of the parts may be charged back.

Additional Information

All part and service references provided in this TSB (**2081573**) 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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