



# Technical Service Bulletin

## PSS 20 Fuel gauge does not show full after filling up tank

20 18 02 2051100/1 May 2, 2018.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2016 - 2018	All	Not Applicable

## Condition

### Customer states:

- Fuel gauge does not show full after filling up, it only shows 5/8ths of a tank (Figure 1).
- Fuel gauge shows correct level after a short delay.
- Fuel gauge only shows full after driving for a short distance.
- MIL may be illuminated.



**Figure 1.** Only shows 5/8ths of a tank instead of full.

### Workshop findings:

- One or more of the customer statements can be reproduced.
- If DTC P046100 is found in the ECM, check and update if necessary using TSB 2043357: "20 MIL on (DTC P046100 - Fuel level sensor, circuit range/performance)". If any other DTCs are found proceed with GFF and repairs.
- If the customer's concern included fuel gauge only showing 5/8ths after filling fuel tank, add VIN to PSS and postpone repairs.

## Technical Background

Delayed response from fuel gauge sensor 3 (G237).



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## Production Solution

Not applicable.

## Service

1. Diagnose the vehicle according to the instructions listed below. If customer's vehicle condition matches the condition listed in the *Technical Background* of this PSS TSB, explain to the customer that a solution is forthcoming and that no repairs are necessary at this point.
2. Do not replace any components for this condition since this will not resolve the customer's concern.
3. Create a PSS record in the PSS application through the Pending Service Solutions (PSS) link in AccessAudi (under *Related Links >> Service*), or through the Technical Assistance Page in Elsa.

## Warranty

This TSB is informational only and not applicable to any Audi Warranty.

## Additional Information

The following Technical Service Bulletin(s) will be necessary to complete this procedure:

- TSB 2043357, 20 MIL on (DTC P046100 - Fuel level sensor, circuit range/performance).

All parts and service references provided in this TSB (2051100) 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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