Technical Service Bulletin

PSS 20 MIL on; (DTC P046100 - Fuel level sensor, circuit range/performance)

20 15 50 2041594/2 October 19, 2015. Supersedes Technical Service Bulletin Group 20 number 15-47 dated August 5, 2015 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A5, A6, A7, A8, Q5	2014 - 2016	All	Not Applicable

Condition

REVISION HISTORY		
Revision	**Date**	**Purpose**
2	-	Revised attachments (Added customer Q&A document)
1	8/5/2015	Initial publication

- MIL on.
- **DTC P046100** (Fuel level sensor, circuit range/performance) is stored in the engine control module (ECM), J623 (address word 01).

When:	Normal driving conditions, city or highway.
Speed:	Any speed
Temperature:	Not applicable
DTC:	P046100

Technical Background

Not applicable.

Production Solution

Not applicable.

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Service

1. Explain to the customer that a solution is forthcoming and that no repairs are necessary at this point. Do not replace any components for this condition since this will not resolve the customer's concern. Clear the DTC and release the vehicle.
2. Create a PSS record in the PSS application via the Pending Service Solutions 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

All parts and service references provided in this TSB (2041594) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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What does the driver experience with this issue?

The “check engine light” might illuminate with DTC P0461 stored in the engine control module. No engine-related problems are present, and the vehicle is safe to drive.

Which vehicles are affected?

Model year 2014–2016 A4, A5, A6, A7, A8, and Q5 vehicles are affected.

What causes the “check engine light” to illuminate?

The “check engine light” may be illuminated due to a stored fault code that is related to the fuel level sensor inside of the fuel tank. The fault code appears as a result of an incorrect diagnostic procedure.

The fault code can be reset and the dealership can release the vehicle. It is possible that the “check engine light” will illuminate again.

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When will the final software solution be available?

The final software solution will be made available as soon as possible. Audi has identified the cause of the software shortcoming and is working to develop the solution. Due to the complexity of the fuel system, extensive testing must be performed to ensure that the correction does not adversely affect other functions.

Once the final solution is available and installed in your vehicle, the issue will be completely resolved. You will be contacted as soon as the final software solution is available.

What can be done to reduce the possibility of the “check engine light” illuminating?

Only add fuel to the vehicle when the fuel gauge shows less than half a tank of fuel. We have noticed that when the vehicle is refueled frequently with very small amounts of fuel (less than 4-5 gallons), the issue is more likely to occur.

We sincerely apologize for the issue that you are experiencing with your Audi, and we appreciate your willingness to work with us as we develop a positive solution.