

Technical Service Bulletin



20 Problems fueling vehicle and/or MIL on (DTC P044100 or P045100)

20 16 72 2044667/1 June 27, 2016.

| Model(s) | Year | VIN Range | Vehicle-Specific Equipment |
|----------------------|-------------|-----------|----------------------------|
| RS 5, RS 5 Cabriolet | 2013 - 2015 | All | Not Applicable |

Condition

- Customer has problems filling the fuel tank (fuel nozzle keeps clicking off).
- The MIL warning lamp may be illuminated.
- Water and/or ice is found in the activated carbon filter reservoir and natural vacuum leak detection (NVLD) pressure switch.
- **DTC P0451** (pressure sensor for tank ventilation system, implausible signal) is found in the engine control module (ECM), J623 (address word 01).
- **DTC P0441** (tank ventilation system, through-flow faulty) may also be stored.

Technical Background

Water enters through the tank ventilation system. The water can flow through the NVLD pressure switch into the activated charcoal filter and freeze in cold temperatures.

Production Solution

Not applicable.

Service

1. Remove activated charcoal filter, ventilation tube, and NVLD pressure switch. Cap off opening to prevent any liquid from escaping.
2. Weigh activated charcoal filter:
 - If it weighs more than 2600 grams, replace the activated charcoal filter, ventilation tube (Figure 1), and NVLD pressure switch.
 - If it weighs less than 2600 grams, replace the ventilation tube (Figure 1) and the NVLD pressure switch.



Figure 1. Ventilation tube of the activated charcoal filter.

Technical Service Bulletin



Warranty

| | | | |
|--------------------------|--|--------------|-------|
| Claim Type: | <ul style="list-style-type: none"> • 110 up to 48/50 • G10 for CPO covered vehicles – Verify owner • If vehicle is outside any warranty, this Technical Service Bulletin is informational only. | | |
| Service Number: | 2048 | | |
| Damage Code: | 0010 | | |
| Labor Operations: | Wheel housing liner remove+reinstall | 6676 1900 | 40 TU |
| | Ventilation tube with filter remove+reinstall | 2048 1999 | 10 TU |
| | Activated charcoal filter remove+reinstall | 2025 1910 | 50 TU |
| | NVLD pressure switch remove+reinstall | 2041 1950 | 10 TU |
| Diagnostic Time: | GFF – Checking and clearing fault codes | 0150 0000 | 10 TU |
| | Road test prior to service procedure | No allowance | 0 TU |
| | Road test after service procedure | No allowance | 0 TU |
| | Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details) | | |
| Claim Comment: | As per TSB #2044667/1 | | |

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

| Part Number | Part Description | Quantity |
|-------------|--|----------|
| 8F0201997D | Ventilation tube with filter | 1 |
| 8K0906253L | NVLD pressure switch | 1 |
| 8K0201801C | Activated charcoal filter, if required | 1 |

| Tool Number | Tool Description | Quantity |
|-------------|----------------------------------|----------|
| N/A | Digital scale (locally obtained) | 1 |

Technical Service Bulletin



Additional Information

All parts and service references provided in this TSB (2044667) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.