



# Technical Service Bulletin

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

20 17 86 2044667/2 January 27, 2017. Supersedes Technical Service Bulletin Group 20 number 16-72 dated June 27, 2016 for reasons listed below.

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

## Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Warranty</i> (Updated Labor Operations)
1	06/27/2016	Initial publication

- Customer has problems filling the fuel tank (fuel nozzle keeps clicking off).
- The MIL 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 0001).
- **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.

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## 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.

## 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 vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li> </ul>		
<b>Service Number:</b>	2048		
<b>Damage Code:</b>	0010		
<b>Labor Operations:</b>	Wheel housing liner remove + reinstall	6676 1900	40 TU
	Ventilation tube with filter remove + reinstall	2048 9999	10 TU
	Activated charcoal filter remove + reinstall	2025 1910	50TU
	NVLD pressure switch remove + reinstall	2041 1950	10TU
<b>Diagnostic Time:</b>	GFF – Checking and clearing fault codes	0150 0000	10 TU
	Road test prior to service procedure	No allowance	0 TU



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	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)		
<b>Claim Comment:</b>	As per TSB #2044667/2		

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.

## 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

## 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.

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