

**WKA5 - Checking Fill Level Sensor for Water Spray System and Replacing it if Necessary (Workshop Campaign)**

Vehicle type: **911 GT2 RS (991)**

Model Year: **2018**

Subject: **Fill level sensor for water spray system**

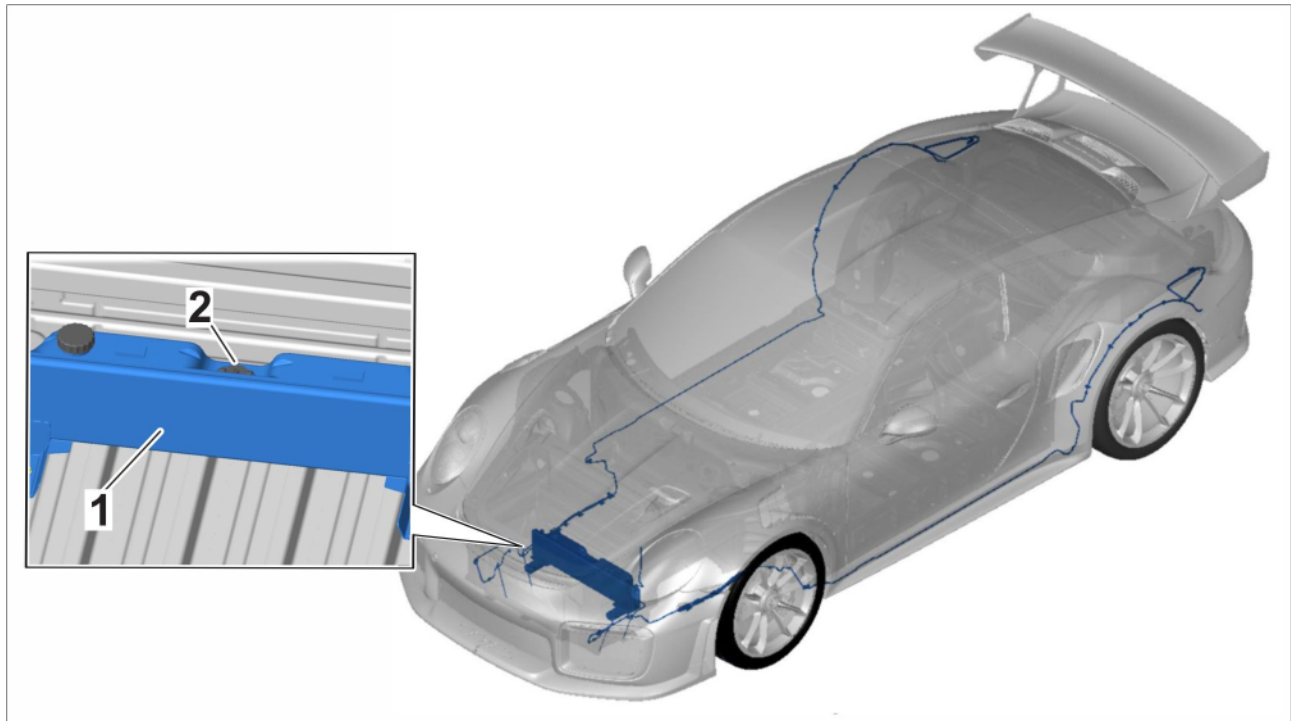
Information: **There is a possibility that the float for the water spray system fill level sensor can stick at both the lowest and very top position due to unfavorable component tolerances on the affected vehicles.**

- If the float sticks at the **lowest position**, the warning message "Fill coolant reservoir for charge-air cooler - Visit workshop" will be displayed in the instrument cluster even though the reservoir for the water spray system is still sufficiently full.
- If the float sticks at the **very top position**, the reservoir will subsequently become empty and no warning message will be displayed. As a result, engine power will be reduced and the pump can be damaged.

Remedial Action: Check the date of production on the water spray system reservoir and replace the fill level sensor if necessary.

Affected Vehicles: Only the vehicles assigned to the campaign (see also PCSS Vehicle Information). There are 684 vehicles affected in the US and Canada

Installation  
position:



*Installation position of water spray system*

- 1 – Water spray system reservoir
- 2 – Fill level sensor

### Parts required

Parts Info: **No parts are required** for **checking** the date of production.

Parts required for **replacing the fill level sensor**:

Part No.	Designation	Qty.
00004330474	⇒ Sensor module	1 ea.

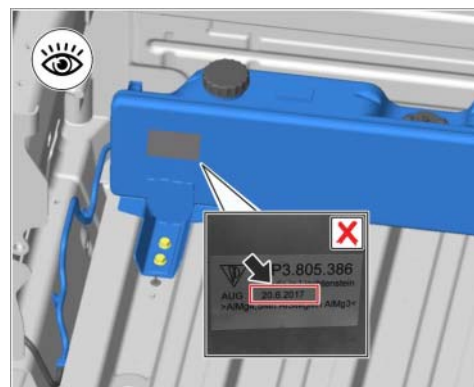
### Required tools

- Tools:
- Torque wrench, 2-10 Nm (1.5-7.5 ftlb.), e.g. **V.A.G 1783 or equivalent** - Torque wrench, **2-10 Nm (1.5-7.5 ftlb.)**

**Checking fill level sensor for water spray system and replacing it if necessary**

- 1 Remove front luggage compartment trim panel ⇒ *Workshop Manual '700519 Removing and installing trim panel for front luggage compartment'*.
- 2 **Check date of production (DDMMYYYY)** on the water spray system reservoir and compare it with the table below ⇒ *Reading off date of production*.  
The date of production is shown on the **top of the reservoir**.

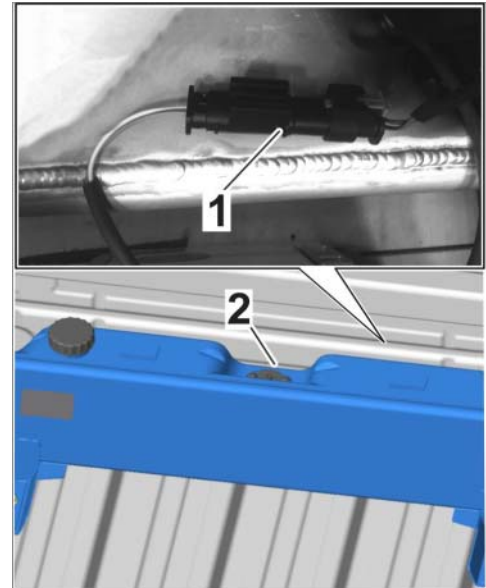
Attach a verifiable photo that clearly shows the date of production to the warranty claim.



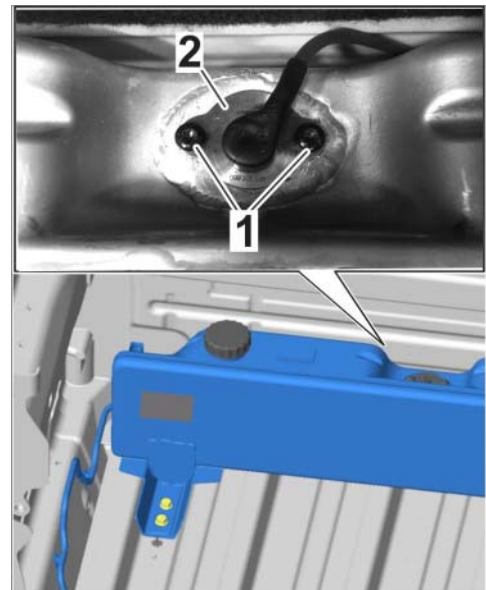
*Reading off date of production*

Date of production	Next steps
Date of production on reservoir is <b>05092018 or later</b> .	Fill level sensor <b>does not have to be replaced</b> . – End of measure – Continue with <b>Step 4</b> .
Date of production on reservoir is <b>04092018 or earlier</b> .	The fill level sensor <b>must be replaced</b> . To do this, continue with <b>Step 3</b> .

- 3 Replace fill level sensor.
  - 3.1 Release and disconnect electric plug connection ⇒ *Disconnecting electric plug connection -1-* on the fill level sensor ⇒ *Disconnecting electric plug connection -2-*.
  - 3.2 Unscrew fastening screws ⇒ *Removing fill level sensor -1-* and remove fill level sensor ⇒ *Removing fill level sensor -2-*.
  - 3.3 Install new fill level sensor and secure it by tightening the fastening screws.  
**Tightening torque 8 Nm (6ftlb.)**
  - 3.4 Connect and lock electric plug connection.
- 4 Install front luggage compartment trim panel ⇒ *Workshop Manual '700519 Removing and installing trim panel for front luggage compartment'*.
- 5 Enter the campaign in the Warranty and Maintenance booklet.



*Disconnecting electric plug connection*



*Removing fill level sensor*

**Warranty processing**

Scope 1: **Checking date of production on the water spray system reservoir** - The fill level sensor **does not have to be replaced.**

<b>Working time:</b>	
Checking fill level sensor	Labor time: <b>41 TU</b>
Includes: Removing and installing trim panel for front luggage compartment	
⇒ <b>Damage Code WKA5 066 000 1</b>	

Scope 2: **Checking date of production on the water spray system reservoir and replacing fill level sensor.**

<b>Working time:</b>	
Replacing fill level sensor	Labor time: <b>46 TU</b>
Includes: Removing and installing trim panel for front luggage compartment Checking date of production	
<b>Parts required:</b>	
00004330474	Sensor module 1 ea.
⇒ <b>Damage Code WKA5 066 000 2</b>	

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