

**AKA4 Checking Screws on Side Airbag Sensors and Reworking Them if Necessary (Stop Delivery/Recall Campaign)**

Model Line: **911 (991)**

Model Year: **As of 2018 up to 2019**

Subject: **Screws on side airbag sensors**

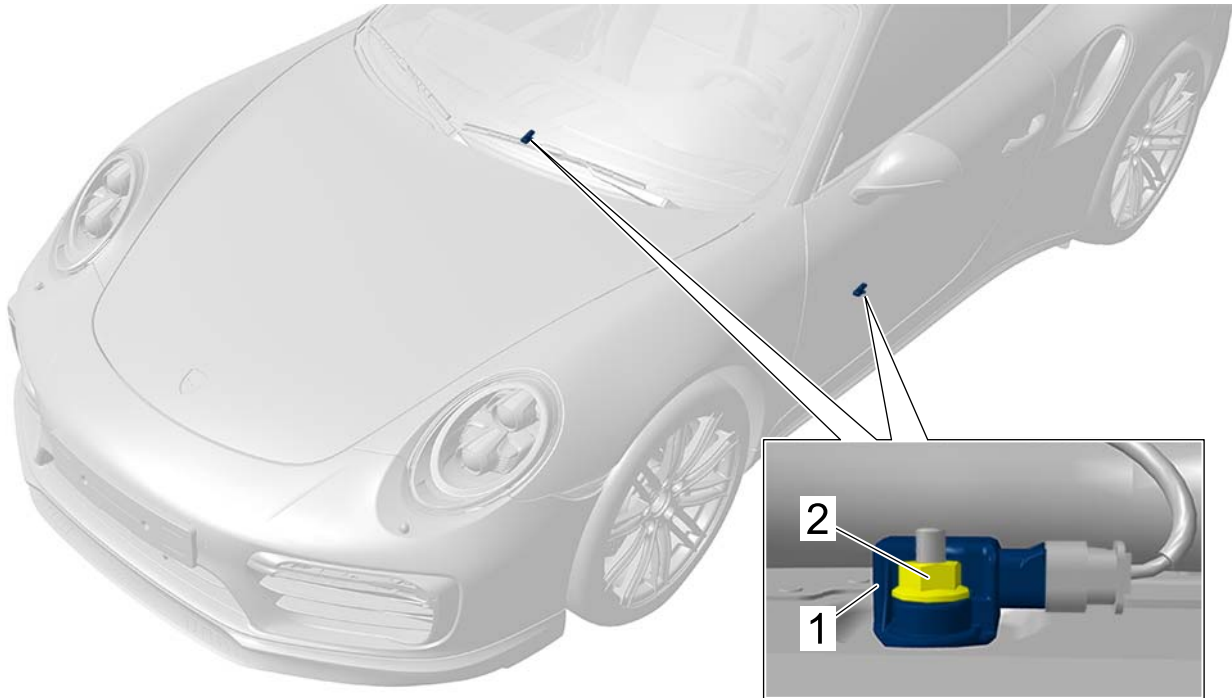
Information: **There is a possibility that the side airbag sensors are not connected without play to the chassis due to high friction values when screwing them on.**

In the event of accidents in which the restraint systems are triggered, their full protective effect may be impaired as a result.

- Remedial Action:
- Check screws on both side airbag sensors
  - Depending on the result of the check, rework the screw of the respective airbag sensor

Affected Vehicles: Only the vehicles assigned to the campaign (see also PIWIS Vehicle information). This campaign affects 492 vehicles in North America, 416 in the US.

Installation  
position:



*Installation position overview*

- 1 – Side airbag sensor
- 2 – Fastening nut for airbag sensor (**check**)

### Parts required

Parts Info: **No parts are required** for **checking** the screws on the following vehicles:

- Vehicles with **standard seat** (I-no. 369, 370)
- Vehicles with **sports seat** (I-no. 375, 376, 377, 378)

**Parts required** for vehicles with **sports bucket seat** (I-no. 388, 389, 373, 374):

Part No.	Designation – Use	Qty.
99907505709	⇒ Hexagon-head bolt, 7/16–20UNF – seat belt mount to seat rail – sports bucket seat	2 ea.

**Additional parts required if the screws on the airbag sensors must be reworked:**

Part No.	Designation – Use	Qty.
99908462901	⇒ Hexagon nut, M6 – airbag sensor on side member	up to 2 ea.

### Required tools

- Tools:
- Torque wrench, 20–100 Nm (15–74 ftlb.), e.g. **VAS 5820 - Torque wrench, 20-100 Nm (15-74 ftlb.)** or equivalent
  - Torque wrench, 2 – 10 Nm (1.5 – 7.5 ftlb.), e.g. **V.A.G 1783 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**

### Preparatory work

- Work Procedure: 1 Remove front seat at left and right.  
 ⇒ *Workshop Manual '72011901 Removing and installing front seat'*  
 ⇒ *Workshop Manual '72011911 Removing and installing folding sports bucket seat'*



#### Information

The self-tapping fastening screws of the seat rails can be **re-used up to five times**.  
 Contrary to the instructions in the Workshop Manual, the fastening screws must be installed again as part of this campaign.

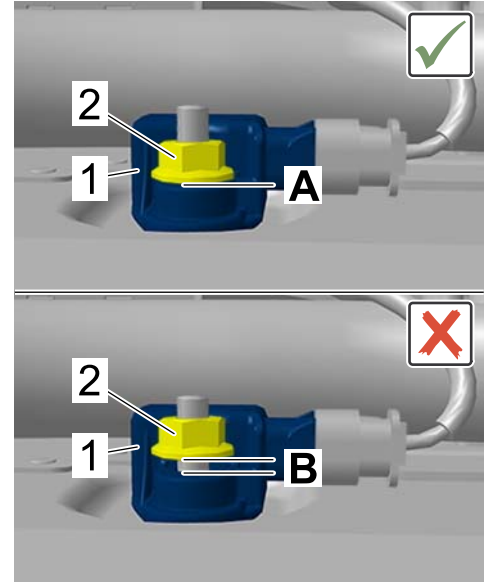
- 2 Remove inner door sill trim at the left and right ⇒ *Workshop Manual '680519 Removing and installing inner door sill trim'*.
- 3 Detach carpet at the left and right on the side member and fold it aside until the relevant airbag sensor is accessible.

## Check screws on both side airbag sensors

Work Procedure: 1 Check screws on side airbag sensors at the **left and right**.

To do this, visually inspect and feel **both** airbag sensors ⇒ *Check screws on airbag sensor -1-* to determine whether the relevant sensor is **screwed without play to the side member** and there is **no gap** between the sensor and fastening nut ⇒ *Check screws on airbag sensor -2-*.

- If the relevant airbag sensor is screwed **without play** to the side member ⇒ *Check screws on airbag sensor -A-*, tighten the corresponding sensor **again** to the specified **tightening torque of 9 Nm (6.5 ftlb.)**. **End of action required**, continue with **Step 3**.
- If the relevant sensor is **not screwed without play** ⇒ *Check screws on airbag sensor -B-*, the corresponding airbag sensor must be **re-screwed**, to do this, continue with **Step 2**.



Check screws on airbag sensor

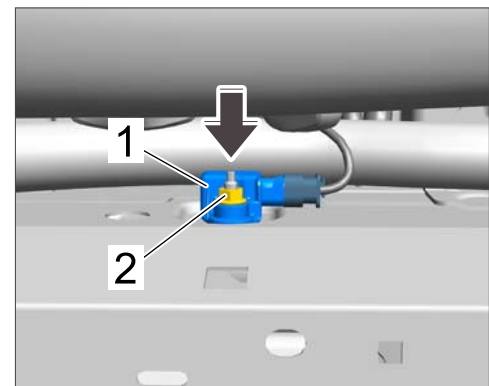
2 Rework screws on the side airbag sensor.

2.1 First screw fastening nut ⇒ *Rework screws on airbag sensor -2-* for airbag sensor ⇒ *Rework screws on airbag sensor -1-* onto the stud until the nut fully is touching the sensor ⇒ *Rework screws on airbag sensor -arrow-*, but do not tighten.

2.2 Then unscrew fastening nut ⇒ *Rework screws on airbag sensor -2-* and remove it.

2.3 **Screw on and tighten new** fastening nut ⇒ *Rework screws on airbag sensor -2-* for airbag sensor ⇒ *Rework screws on airbag sensor -1-*.

**Tightening torque 9 Nm (6.5 ftlb.)**



Rework screws on airbag sensor

Part No.	Designation	Qty.
99908462901	Hexagon nut, M6	1 ea.

3 Repeat the procedure on the other side of the vehicle if necessary.

### Concluding work

Work Procedure: 1 Position carpet at the left and right on the side member.

- 2 Install inner door sill trim at the left and right ⇒ *Workshop Manual '680519 Removing and installing inner door sill trim'*.

#### NOTICE

##### Self-tapping fastening screws

- Components not screwed on securely enough
  - Risk of damage to thread or fastening screw
- ⇒ Always fit self-tapping fastening screws by hand and screw in by a few turns.
- ⇒ Do not further tighten stiff fastening screws, but start again.
- ⇒ Do not use electric or pneumatic screwdrivers.

- 3 Install front seat at left and right.  
⇒ *Workshop Manual '72011901 Removing and installing front seat'*  
⇒ *Workshop Manual '72011911 Removing and installing folding sports bucket seat'*



##### Information

The self-tapping fastening screws of the seat rails can be **re-used up to five times**.  
Contrary to the instructions in the Workshop Manual, the fastening screws must be installed again as part of this campaign.

- 4 Enter the campaign in the Warranty and Maintenance booklet.

**Warranty processing**Scope 1: **Checking screws on side airbag sensors – screws do not have to be reworked****Working time:**

Checking screws on side airbag sensors

Labor time: **120 TU**

Includes: Connecting and disconnecting battery ground strap  
 Removing and installing front seat at the left and right  
 Removing and installing door sill trim at the left and right  
 Loosening and securing carpet at the left and right

**Parts required, only vehicles with sports bucket seat (I-no. 388, 389, 373, 374):**

99907505709	Hexagon-head bolt, 7/16–20UNF	2 ea.
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⇒ **Damage Code AKA4 099 000 1**Scope 2: **Checking screws on side airbag sensors and reworking screws on one side of the vehicle****Working time:**

Checking screws on side airbag sensors and reworking them on one side of the vehicle

Labor time: **124 TU**

Includes: Connecting and disconnecting battery ground strap  
 Removing and installing front seat at the left and right  
 Removing and installing door sill trim at the left and right  
 Loosening and securing carpet at the left and right

**Parts required:**

99908462901	Hexagon nut, M6	1 ea.
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**Additional parts required, only vehicles with sports bucket seat (I-no. 388, 389, 373, 374):**

99907505709	Hexagon-head bolt, 7/16–20UNF	2 ea.
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⇒ **Damage Code AKA4 099 000 2**

