

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

Model Line: **718 (982)**

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

Subject: **Screws on side airbag sensors**

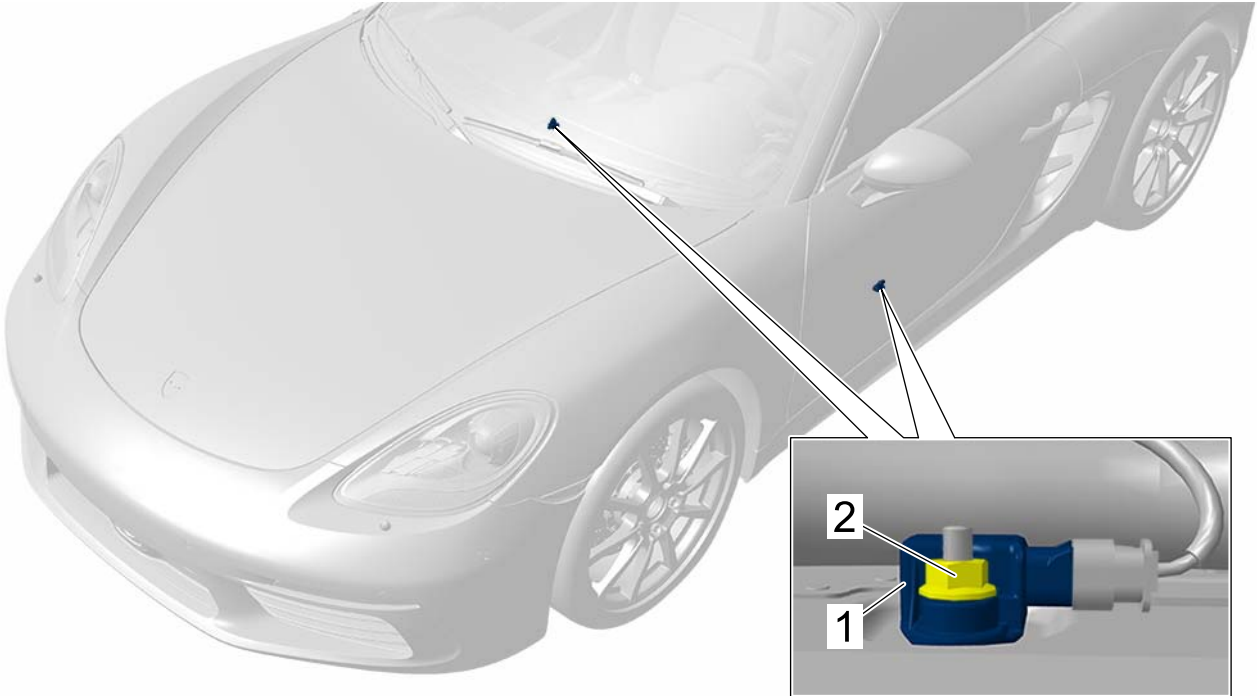
Information: **There is a possibility that the side airbag sensors are not connected without play to the chassis due to high friction values when screwing them on.**

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 **sports bucket seat** (I-no. 388, 389, 373, 374)

Parts required for vehicles with **standard seat** (I-no. 369, 370) or **sports seat** (I-no. 375, 376, 377, 378):

Part No.	Designation – Use	Qty.
9A700775500	⇒ Cheese head bolt 7/16–20UNF – seat belt mount to door sill – standard seat, sports 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

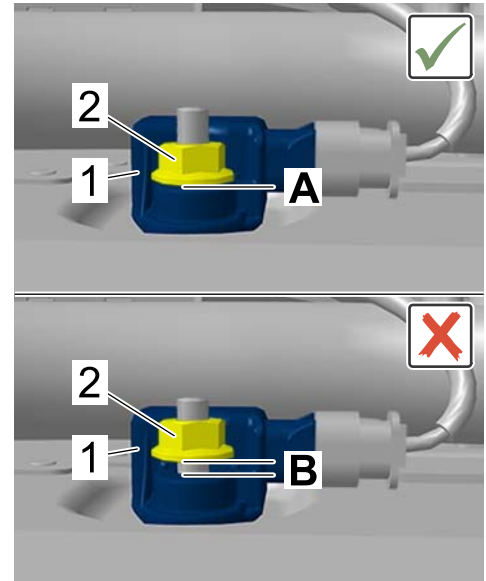
- Work Procedure:
- 1 Disconnect battery ground strap.
For instructions, see ⇒ *Workshop Manual '270619 Removing and installing battery'*.
 - 2 **Vehicles with standard seat** (I-no. 369, 370) or **sports seat** (I-no. 375, 376, 377, 378):
Loosen and unscrew seat belt mount at the door sill at the left and right.
For instructions, see ⇒ *Workshop Manual '691119 Removing and installing front three-point belt'*.
 - 3 Remove inner door sill trim at the left and right ⇒ *Workshop Manual '680519 Removing and installing inner door sill trim'*.
 - 4 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**.

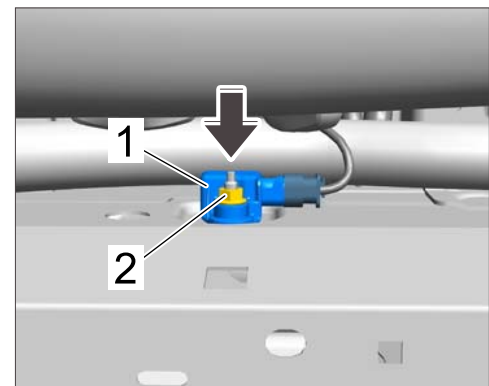
To do this, visually inspect and feel **both** airbag sensors ⇒ *Check screws on airbag sensor -1-* to determine whether the relevant sensor is **screwed without play to the side member** and there is **no gap** between the sensor and fastening nut ⇒ *Check screws on airbag sensor -2-*.

- 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'*.
- 3 **Vehicles with standard seat** (I-no. 369, 370) or **sports seat** (I-no. 375, 376, 377, 378):
Tighten seat belt mount at the door sill at the left and right.
For instructions, see ⇒ *Workshop Manual '691119 Removing and installing front three-point belt'*.
- 4 Connect battery ground strap.
For instructions, see:
⇒ *Workshop Manual '270619 Removing and installing battery'*
⇒ *Workshop Manual '2X00IN Work instructions after disconnecting the battery'*
- 5 Enter the campaign in the Warranty and Maintenance booklet.

Warranty processing

Information: **Scope 1 – Scope 3: Not valid** for this **vehicle type**.

Scope 4: **Checking screws on side airbag sensors – screws do not have to be reworked**

Working time:

Checking screws on side airbag sensors Labor time: **60 TU**

Includes: Connecting and disconnecting battery ground strap
Loosening and securing seat belt mount 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 standard seat** (I-no. 369, 370) or **sports seat** (I-no. 375, 376, 377, 378):

9A700775500	Cheese head bolt, 7/16–20UNF	2 ea.
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⇒ **Damage Code AKA4 099 000 1**

Scope 5: **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: **63 TU**

Includes: Connecting and disconnecting battery ground strap
Loosening and securing seat belt mount 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.

Additional **parts required**, only **vehicles with standard seat** (I-no. 369, 370) or **sports seat** (I-no. 375, 376, 377, 378):

9A700775500 Cheese head bolt, 7/16–20UNF 2 ea.

⇒ **Damage Code AKA4 099 000 2**

Scope 6: **Checking screws on side airbag sensors** and reworking screws on **both sides of the vehicle**

Working time:

Checking screws on side airbag sensors and reworking them on both sides of the vehicle Labor time: **66 TU**

Includes: Connecting and disconnecting battery ground strap
Loosening and securing seat belt mount 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 2 ea.

Additional **parts required**, only **vehicles with standard seat** (I-no. 369, 370) or **sports seat** (I-no. 375, 376, 377, 378):

9A700775500 Cheese head bolt, 7/16–20UNF 2 ea.

⇒ **Damage Code AKA4 099 000 2**

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