

MANTHEY - RACING



Installation manual

air intake grids

MTH541561 / MTH541562

Version _V3_2017/12

Contact

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Note

Due to the ongoing optimization of our products, this document will be updated on a regular basis. Please note that only the current version of this document is valid. The current documents are available in the download area.

Download area:

The installation and operating instructions as well as the technical manuals are available for download under the following link.

<http://www.manthey-racing.de/downloads.htm>

Warning and safety instructions

The classification of the warning and safety information is made using the respective signal word (Danger, Warning, Caution) in addition to the warning icon.

 **DANGER**

Warning of death or serious bodily injuries, which will occur in the event of non-compliance.

 **WARNING**

Warning of death or serious bodily injuries, which may occur in the event of non-compliance.

 **ATTENTION**

Warning of minor bodily injuries in the event of non-compliance.

NOTE

Warning of property damage in the event of non-compliance.

General safety instructions

DANGER

Risk of injury and risk of accident during and after work on the vehicle

- Repairs are to be carried out only if access to the repair handbooks in the PIWIS Information System is also available
- Observe the safety instructions
- Observe the repair handbooks of the vehicle series in the PIWIS Information System.

DANGER

Crashing vehicle

Squeezing or crushing

Damage to the vehicle

- Do not place any rigid objects under the lifted vehicle.
- Secure lifting platform against lowering.
- Remove any rigid objects before lowering.
- Lift the vehicle only at the pick-up points designated for this purpose.
- The outer pick-up points should be used as a matter of priority.

WARNING

Improper handling of safety-relevant fitting

Injuries

Torque reduction

- Use new fastening screws and nuts after every dismantling
- Observe the specified tightening torques.
- Visually inspect the parts used

NOTE

Always observe the currently valid „Technical Information“ (TI) of Porsche AG. These can be viewed and downloaded at motorsport.porsche.de.

If you do not have access to this portal, please contact gt4clubsport@porsche.de.

Always use this manual in accordance with the currently valid Technical Information (TI) of the Porsche AG.

⚠ WARNING

Working with compressed air

Eye injuries

Damage and contamination of components

- Wear safety goggles with side shield.
- Secure the compressed air discharge point with suitable materials.
- Place the compressed air discharge point on suitable areas.

⚠ WARNING

Toxic exhaust fumes

Suffocation

- When the engine is running, position the exhaust gas extraction system behind the exhaust end pipes of the vehicle and switch it on.

⚠ WARNING

Falling objects or loads

Squeezing or crushing

- Secure components against falling.

⚠ WARNING

Flying foreign bodies during grinding, drilling and milling

Eye injuries

- Wear safety goggles.

⚠ WARNING

No heat-resistant materials

Fire

- Avoid contact with hot components or sources of ignition.

⚠ ATTENTION

Sharp or sharp-edged objects

Cracks, punctures, cuts

- Wear personal protective equipment.

⚠ ATTENTION

Hot components

Burns

- Allow hot components to cool down.
- Wear personal protective equipment.

⚠ ATTENTION

Heavy components

Crushing

- Wear personal protective equipment.
- If necessary call somebody to help you.

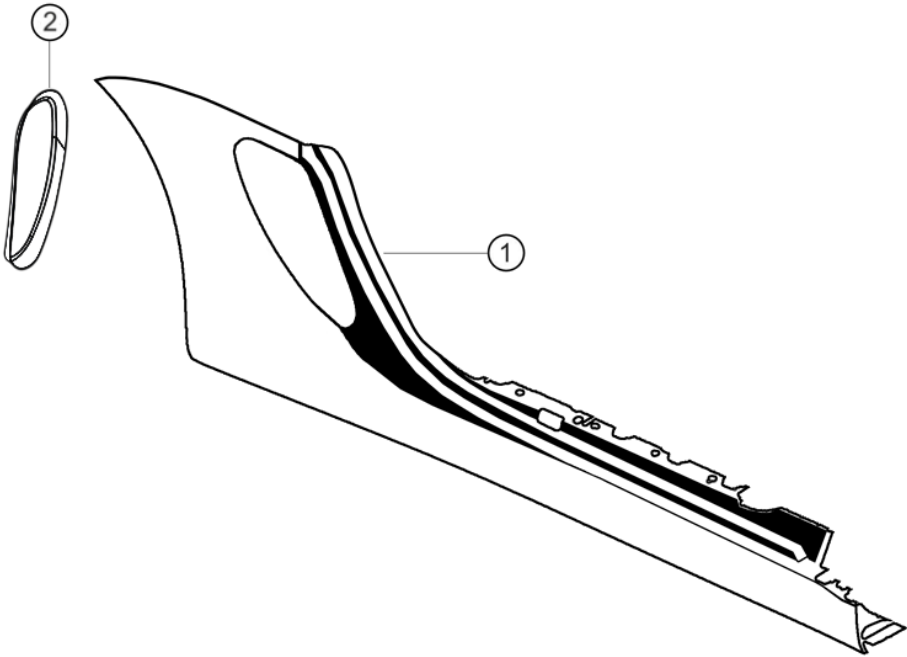
Observe the repair handbooks of the production vehicle!

Cayman 981 GT4 Clubsport/MR
Air intake grids

NOTE

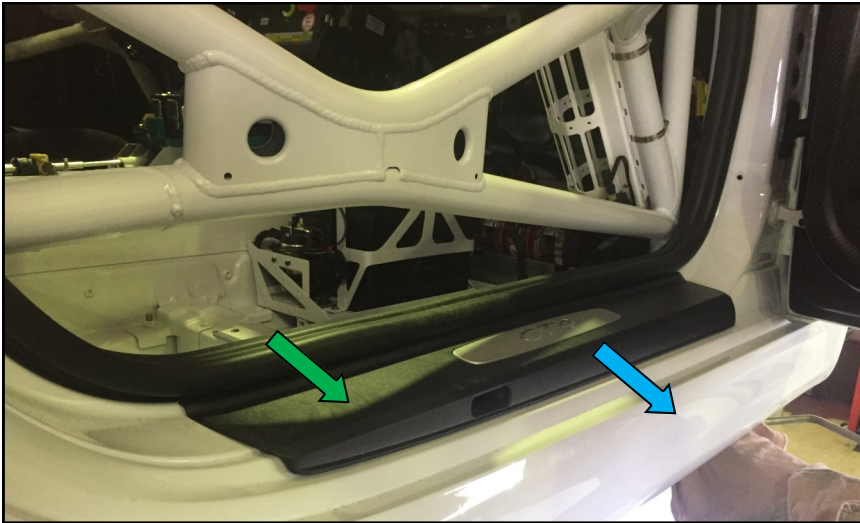
Door sills are not scope of delivery.

Air intake grids scope of delivery

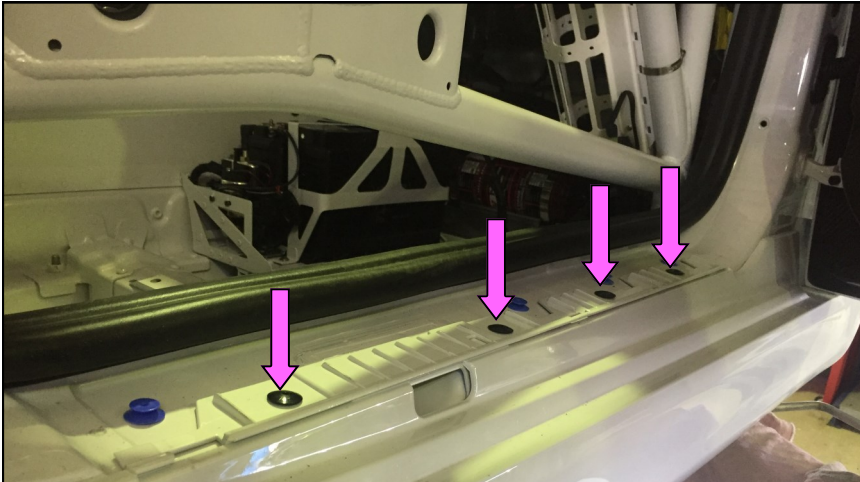


Pos.	Bezeichnung / Description	M	A.	Teile Nr. / Part no.
1	SCHWELLER LINKS DOOR SILL LEFT		1	MTH583661
1	SCHWELLER RECHTS DOOR SILL RIGHT		1	MTH583662
2	GITTER LUFTANSAUGUNG LI. GRID AIR INTAKE LEFT		1	MTH541561
2	GITTER LUFTANSAUGUNG RE. GRID AIR INTAKE RIGHT		1	MTH541562

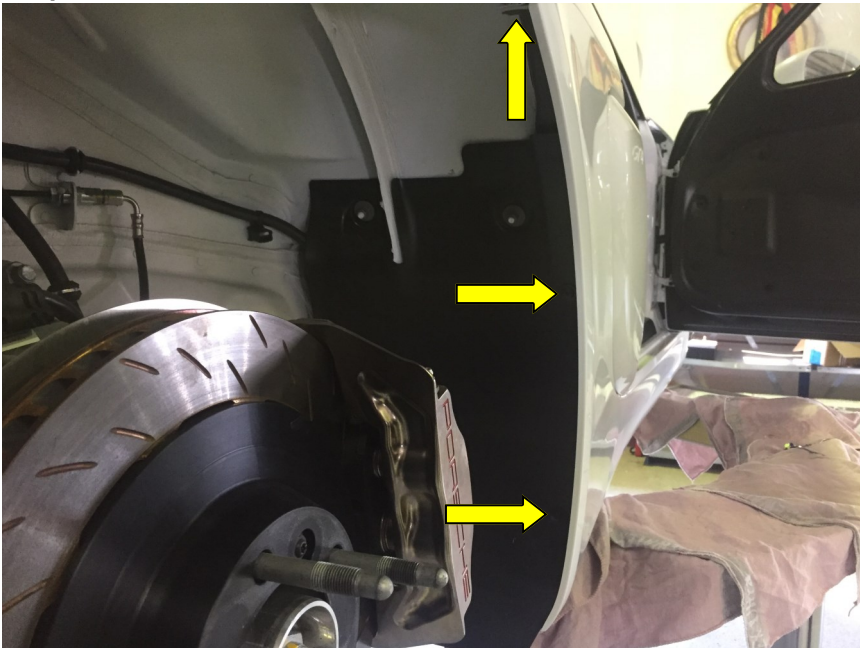
Step 1:



Step 2:



Step 3:



Dismantle the door sill as prescribed by Porsche AG.

Proceed as follows:

Step 1:

↓ Remove the black strip with the GT4 lettering. This is held by four clips and can be simply peeled off to the side.


Step 2:

↓ Remove the four black plastic spreading rivets with a suitable tool.


Step 3:

↓ Remove the three screws in the rear wheel housing.


Step 4:

The door sill is fastened to the underside of the vehicle in the front and rear area with a screw. Remove them. 

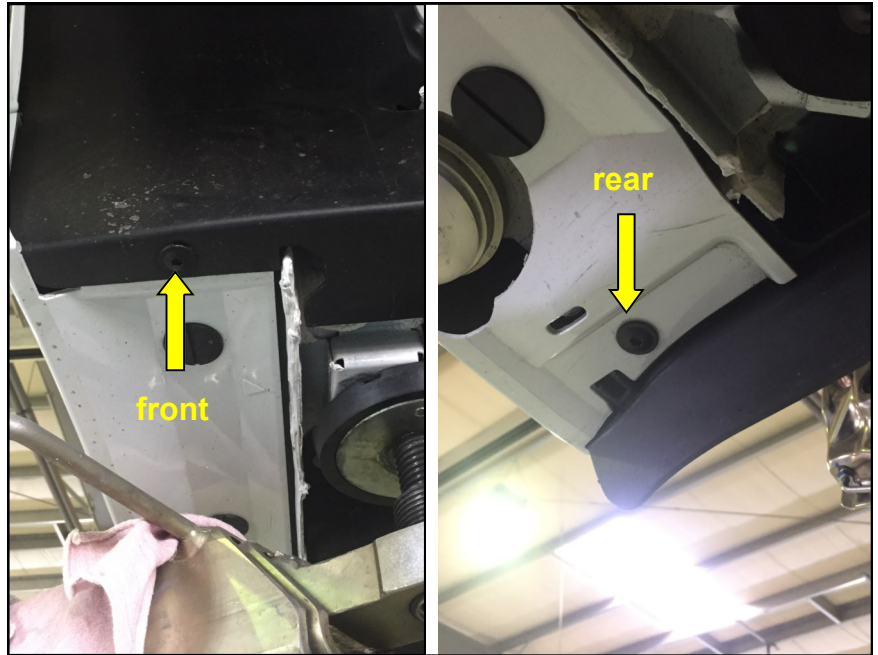
Step 5:

Remove all large plastic clips at the bottom of the door sill by twisting them (90°). 

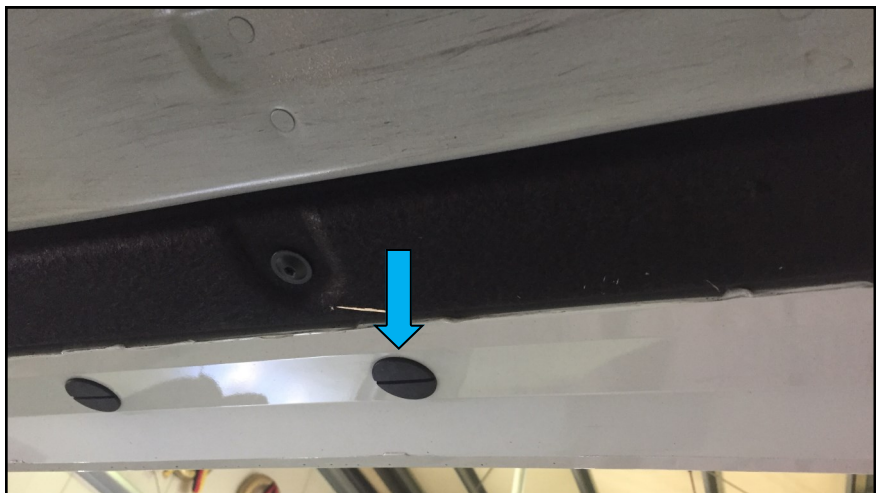
Step 6:

On the areas marked red, the door sill is fixed in holding strips by means of snap-in lugs. Carefully pull the door sill out of the retaining tabs. 

Step 4:



Step 5:



Schritt 6:



Step 7:



Step 7:

Place the appropriate grid as shown on the inside of the air inlet.

↓ Attach the grid with 2 cable ties to the middle strut of the air inlet.

NOTE

Make sure that the head of the cable tie is located on the outside of the strut. Otherwise the door sill can not be installed properly.

NOTE

The door sill is mounted in the reverse order.

NOTE

The installation of the grid on the left side takes place in the same way.

NOTE

Despite the use of protective grids, the air inlets (intake manifold and engine compartment fan) must be cleaned regularly. The grids themselves must also be freed from contamination during each pit stop.

