

Considerable Dust Development in the Area of the Front Underbody When the Radiator Fan is On (107/25)

Model Line: **Macan (XAB)**

Model Year: **As of 2024**

Concerns: **Electric fan**

Cause: **The customer complains about considerable dust development in the area of the front underbody when the radiator fan is on.**

Cause: The warm exhaust air of the cooling system is discharged onto the road. This is essentially caused by the downward inclined installation position of the radiator fan(s) in conjunction with the body air guides. This can cause dust, sand or other road impurities to be stirred up under certain circumstances.

Action: In the event of a customer complaint, inform the customer about the concept-related discharge of the warm exhaust air of the cooling system to ensure the best possible cooling performance of the vehicle.
In the event of customer escalation, it is possible to install a newly developed, closed cover on the underbody panelling (front cover) instead of the previous air guide. This cover reduces the stirring up of road impurities.

**Information**

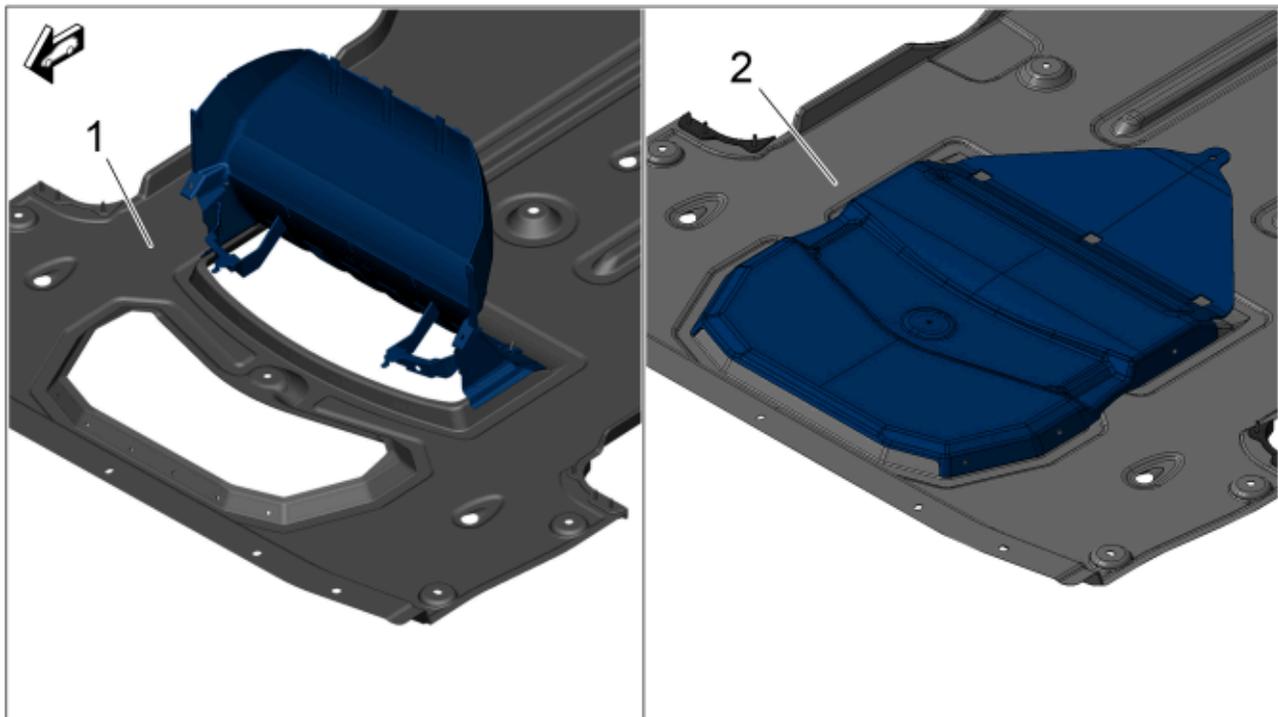
The cover recently developed for possible rework is only available in a very limited quantity.

In order to receive a spare part in the event of a complaint, a PRMS ticket must be created with the priority "B" and the title (short description) "TI 107/25 – part approval".

Please instruct your importer to forward the ticket directly to the PRMS group "PAG_Technical_Body_Support".

PAG checks the ticket content and approves the allocation of the component on a case-by-case basis.

A parts order can only be made upon approval.



Underbody panelling (front cover)

- 1 – Underbody panelling with air guide
- 2 – Underbody panelling with closed cover

Required parts

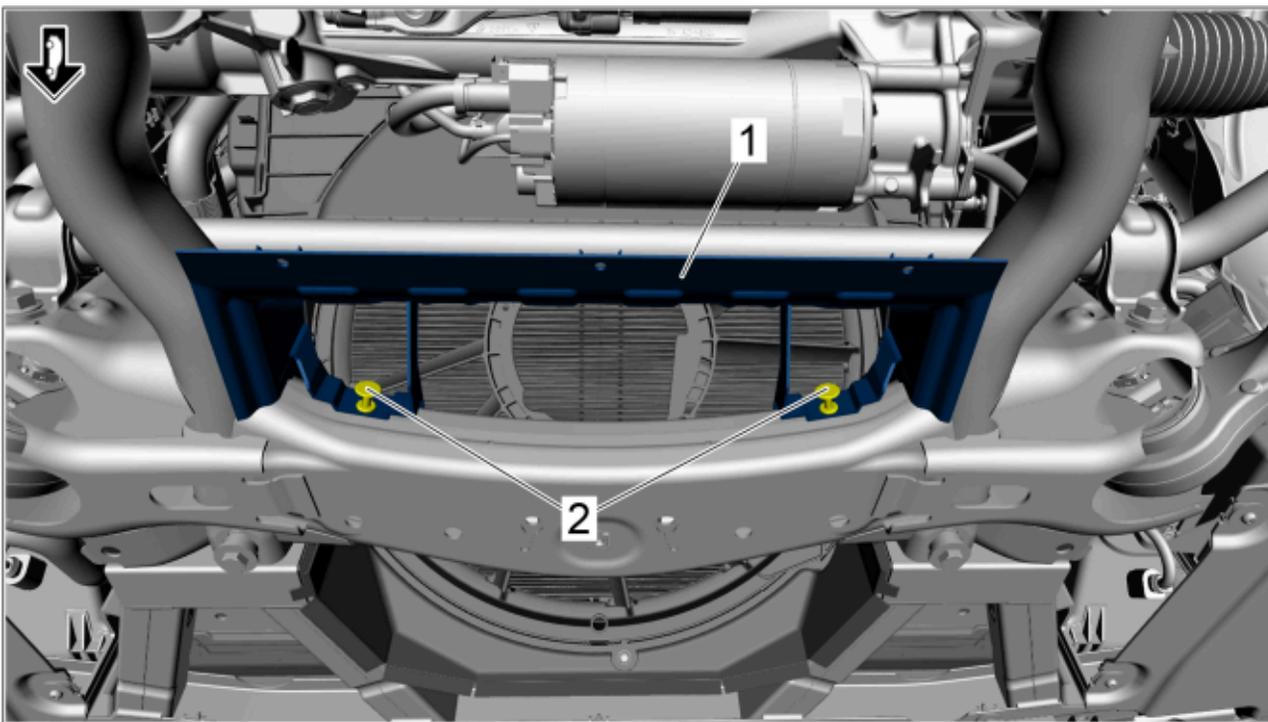
Part No.	Designation – Location	Number
95C825271	⇒ Cover attachment – Underbody panelling (front cover)	1 piece
N 90346301	⇒ Blind rivet 4 x 18.8 – Cover	6 piece(s)

Required tools

- Tools:
- Torque screwdriver, 1.5-3.0 Nm (1-2 ftlb.), e.g., **VAS 6494 - torque screwdriver, 1.5-3.0 Nm (1-2 ftlb.)**
 - Torque wrench, 6-50 Nm (4.5-37 ftlb.), e.g. **V.A.G 1331A - torque wrench, 6-50 Nm (4.5-37 ftlb.)**
 - Riveting tool, e.g. **VAS 5072A - Pop rivet pliers**
 - Plastic wedge, commercially available
 - Drill with Ø 4.5 mm, commercially available

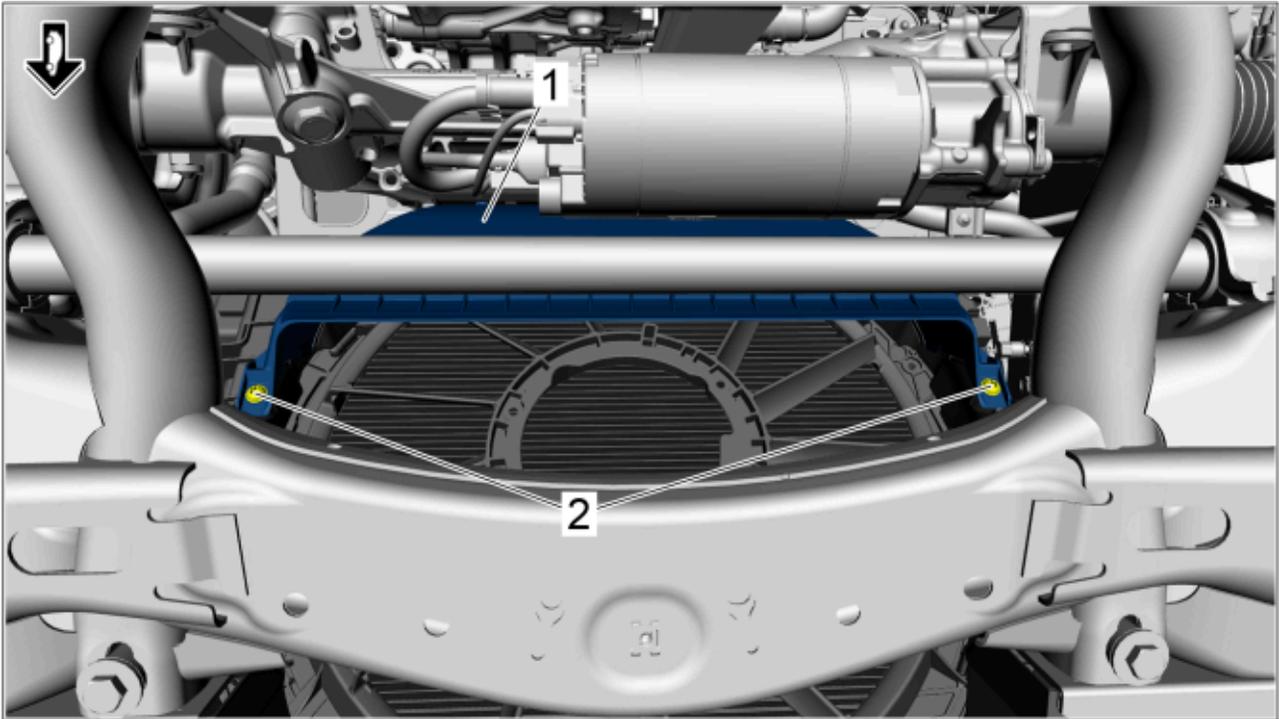
Reworking front cover at customer's request

- Work Procedure: 1 Remove the front cover.
 ⇒ *Workshop Manual '51921900 Removing and installing front cover'*
- 2 Remove lower air guide ⇒ *Lower air guide -1-*.



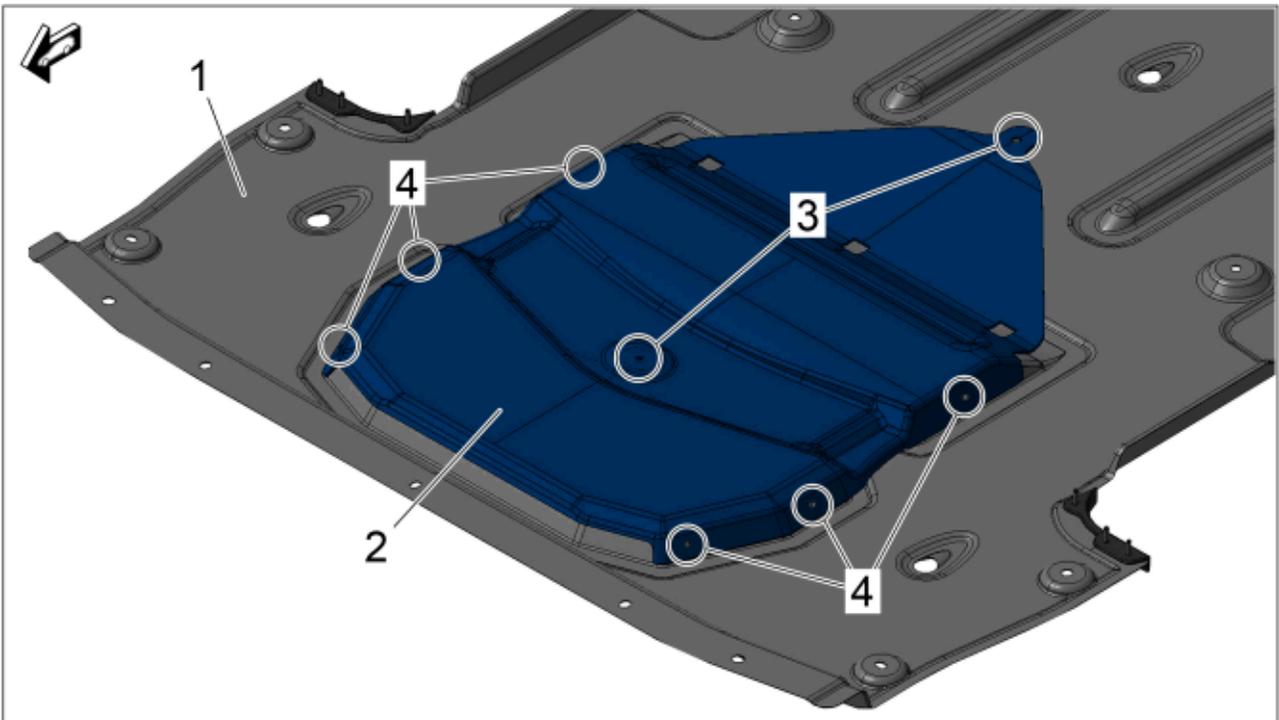
Lower air guide

- 2.1 Release and unclip expanding rivet ⇒ *Lower air guide -2-*.
- 2.2 Guide lower air guide ⇒ *Lower air guide -1-* out of the vehicle.
 The **air guide is no longer required** and can be disposed of or given to the customer.
- 3 Remove upper air guide ⇒ *Upper air guide -1-*.



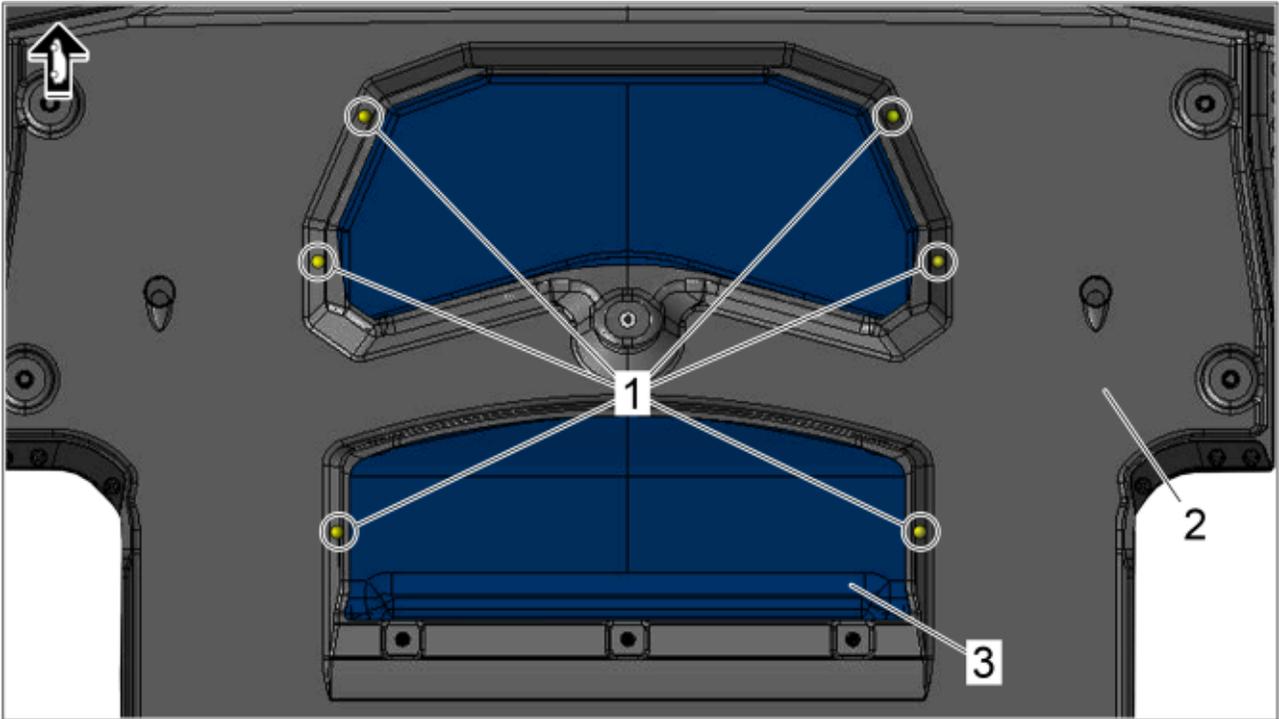
Upper air guide

- 3.1 Unscrew screws ⇒ *Upper air guide -2-*.
- 3.2 Guide upper air guide ⇒ *Upper air guide -1-* down and out of the vehicle.
The **air guide is no longer required** and can be disposed of or given to the customer.
- 4 Rework front cover ⇒ *Front cover preparation -1-*.



Front cover preparation

- 4.1 Place new cover ⇒ *Front cover preparation -2-* on front cover ⇒ *Front cover preparation -1-*.
 - 4.2 Align new cover ⇒ *Front cover preparation -2-* using screw points ⇒ *Front cover preparation -3-* and fix in place temporarily with suitable workshop equipment.
 - 4.3 Set 6 holes ⇒ *Front cover preparation -4-* with a Ø 4.5 mm drill bit perpendicular to the surface, drilling through the new cover and front cover ⇒ *Front cover preparation -1-* to do so
 - 4.4 Remove previously attached fasteners and, if necessary, deburr drill holes on both sides.
- 5 Fasten new cover ⇒ *Fastening new cover to front cover -3-* with blind rivet (N 90346301) to fastening points ⇒ *Fastening new cover to front cover -1-* on front cover ⇒ *Fastening new cover to front cover -2-*.



Fastening new cover to front cover

- 6 Install the front cover.
⇒ Workshop Manual '51921900 Removing and installing front cover'

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
51924940	Reworking front cover	

PCSS encryption:

Location (FES5)	19080	Electric fan
Damage type (SA4)	1615	Subjectively unpleasant function

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

©2025 Porsche Cars North America, Inc.