

WRP8 – Checking Sliding Roof and Replacing Sunroof Control Unit if necessary (Workshop Campaign)



Information

Prerequisite: Ensure the PIWIS Tester is updated to v42.950.015 (or higher).

1. **DO NOT PERFORM A VEHICLE HANDOVER OR PDI ON THE VEHICLE AS A FIRST STEP.**
2. **WRM0 Stop Delivery** – Update to software network VR28.11. This must be performed before conducting a Vehicle Handover or PDI.
3. **Vehicle Handover is now possible**
4. **WRP6 Stop Delivery** - Replacing electric power distributor control unit (J1282)
5. **WRP7 Stop Delivery** - Replacing adhesive strips for sensor on left and right charge port door
6. **WRN2 Stop delivery** - Checking parking lock and replace drive unit if necessary
7. **WRN1 Stop Delivery** - Check rear axle drive and replace if necessary
8. **WRP8 Workshop Campaign** - Checking sliding roof and replacing control unit for sliding roof, if necessary

Model Line: **Macan Electric (XAB)**

Model Year: **2024**

Equipment: Panoramic roof system (M No. 3FU)

Concerns: **Sunroof control unit**

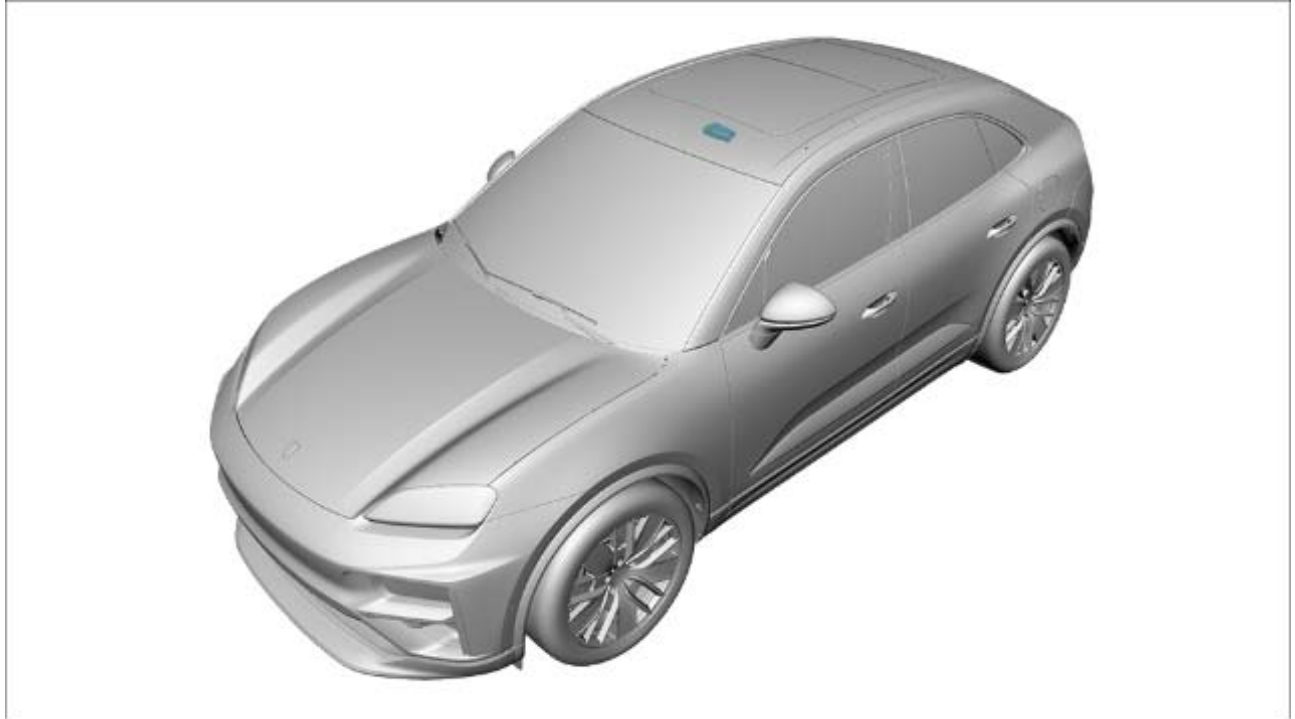
Cause: **It is possible that a transistor that does not meet the specifications has been installed in the sunroof control unit of the affected vehicles.**

If this is the case, a short circuit will occur, and it will no longer be possible to operate the sunroof.

Action: Therefore, the function of the sunroof must be checked before the vehicles are delivered to the customers, replacing the sunroof control unit if necessary.

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information).

Installation
Position:



Installation position of sunroof control unit

Required parts if necessary



Information

No parts are required for testing the sunroof.



Information

The **part numbers** of the **required parts** for the respective vehicle can be seen in the **assigned scope**.
For an overview of the campaign scopes, see: ⇒ *Technical Information 'Warranty processing'*.

Required tools



Information

No tools are required for testing the sunroof.

Tools:

- **P90999 - PIWIS Tester 4**
- Battery charger with a current rating of **at least 90 A**, e.g., **VAS 5908 - 90-A battery charger**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charging battery and vehicle electrical system'*
- 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.)**
- Torque wrench, 6-50 Nm (4.5-37 ftlb.), e.g., **V.A.G 1331A - torque wrench, 6-50 Nm (4.5-37 ftlb.)**
- **VAS 6427 - Release pliers**
- **VAS 895 015 - Disassembly wedges**

Checking sunroof

Work Procedure: 1 Check that the sunroof is working properly.

1.1 Open and close the sunroof once using the switch in the vehicle.

Assessment		Action
(✓)	Open and close the sunroof.	The sunroof control unit is OK . End of action. [Invoicing: Scope 1]
(✗)	The sunroof cannot be opened and closed.	The sunroof control unit is not OK . Continue with ⇒ 2. [Invoicing: Scope 2]

2 Communicate with the customer.



Information

The sunroof control unit is not currently available as a spare part. The following procedures are in place if the sunroof control unit is defective and needs to be replaced:

- After consultation with the customer, the vehicle is not being delivered, and the sunroof control unit will be replaced as soon as it is available. Afterwards, the vehicle can be delivered to the customer.
- The customer is informed that the sunroof will initially remain inactive until the sunroof control unit has been replaced. The customer will then be provided with corresponding communication in which the customer accepts that he/she wants to use the vehicle without a functioning sunroof until the sunroof control unit is available. A corresponding document is included in the PPN information for this workshop campaign.

Replacing sunroof control unit

- Work Procedure: 1 Lower the headliner in the front area.
For work procedure, see:
⇒ *Technical Information '708419 Removing and installing roof trim panel'*
- 2 Remove **previous** sunroof control unit (J245) and install **new** sunroof control unit (J245).
For work procedure, see:
⇒ *Technical Information '606519 Removing and installing sunroof control unit (J245)'*
- 3 Secure the roof trim panel.
For work procedure, see:
⇒ *Technical Information '708419 Removing and installing roof trim panel'*
- 4 Program the **new** sunroof control unit.
Procedure:
⇒ *Technical Information '606555 Replacing sunroof control unit'*
- 5 Enter the campaign in the Warranty and Maintenance logbook.

Warranty processing



Information

The specified labor times were determined specifically for carrying out this campaign and include all necessary preliminary and subsequent rework. The labor times may differ from the labor times published in the Labor Operation List in PCSS.

Scope 1:

Checking sunroof

Labor time:

Checking sunroof

Labor time: **12 TU**

⇒ **Damage number WRP8 066 000 1**

Scope 2: **Checking sunroof and replacing sunroof control unit**

Labor time:

Checking sunroof and replacing sunroof control unit

Labor time: **311 TU**

Includes: Loosening and fastening front headliner
 Removing and installing sunroof control unit
 Programming sunroof control unit

Required parts:

Part No.	Designation	Quantity
PAD907594D	Control unit for electric sunroof actuation	1

⇒ **WRP8 066 000 2**

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