

Disconnected Panoramic Roof Drain Can Cause Electrical Faults

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Macan Electric	As of 2024 up to 2025	XAB	N/A	N/A

Revision History

Revision	Release Date	Changes
0	March 24, 2025	Original document

Condition

The customer may complain of electrical faults, including chassis warnings.

The workshop confirms the customer's observations and finds fault codes that could indicate ECU connection issues and or short circuits.

Technical Background

The assembly plant delivered some vehicles with the panoramic roof rear water drains not properly connected. So far, known cases produce chassis system warnings. However, the unwanted effects of this water intrusion are not limited to this system. Any ECUs housed in the rear of the vehicle may be affected. (See figure 1 for drain locations. Note where the drain inlets and outlets are to help understand which systems this unchanneled water may affect.)

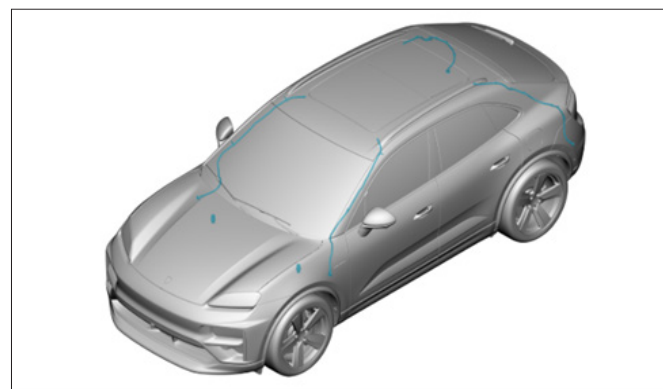


Figure 1

Advanced Technical Information

Bulletin #: 2507

Part ID: 6048

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Service Information

During diagnosis, the workshop may find that the connectors show evidence of water intrusion and corrosion. (See figure 2.) If this is the case, be sure to eliminate the possibility that one or more of the panoramic roof rear water drains are not connected at the inlet (top), by looking underneath the headliner and inspecting them.



Figure 2

Warranty

As always, document this case thoroughly and follow all established warranty procedures.

Labor position:

APOS	Labor operation	I No.
60480102	Water drain check	

PCSS encoding:

Location (FES5)	60480	Water drain
Damage type (SA4)	1032	Not connected

Search Items

Moonroof, sunroof, drain, channel, Macan Electric, XAB

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