

XAB – Rattle Noise from Diagonal Strut in Front Cowl

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Macan Electric	2024	XAB	N/A	N/A

Revision History

Revision	Release Date	Changes
0	October 18, 2024	Original document

Condition

An abnormal noise is heard from the dashboard area and/or front of the vehicle while driving over bumps.

Technical Background

Noise from relative movement of the diagonal struts in the front cowl area is transmitted into the vehicle. This movement may be due to improperly torqued fasteners for the diagonal struts, or the body was under tension when the diagonal struts were torqued down.

Service Information

Inspect the mounting of both the top/passenger's side and bottom/driver's side diagonal struts (Figure 1).

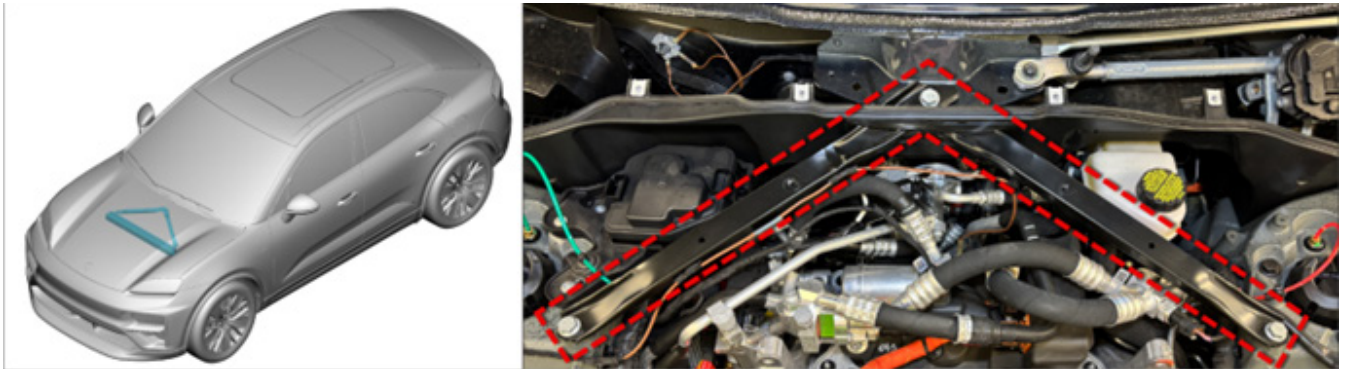


Figure 1

Ensure the diagonal struts do not make unwanted contact with the body shell in the lower cowl area (for example, points indicated by red arrows in Figure 2 and Figure 3).



Figure 2



Figure 3

Advanced Technical Information

Noise from the diagonal struts may be due to relative movement as a result of the body shell being under tension when the diagonal struts were torqued. For diagnostic purposes, it may help to remove the diagonal struts and fasteners for a short test drive.

Ensure the vehicle is on level ground and supported by the vehicle's wheels and tires when the diagonal strut fasteners are torqued to specification.

Diagonal strut fasteners [N 10629602] which were loose or removed must be replaced and torqued to specification (50 Nm + 90° torque angle at time of publication). Refer to *WM 408619 "Remove and install strut"* for instructions.

Search Items

Macan Electric, XAB, H2, diagonal strut, strut, torque, noise, rattle, dashboard

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