

WSJ2– Reworking Rear Axle Module Wire Harness (Workshop Campaign)

Vehicle Type: **Macan 4S (XAB)/Macan Turbo (XAB)**

Model Year: **As of 2024 up to 2026**

Concerns: **Rear axle module wire harness**

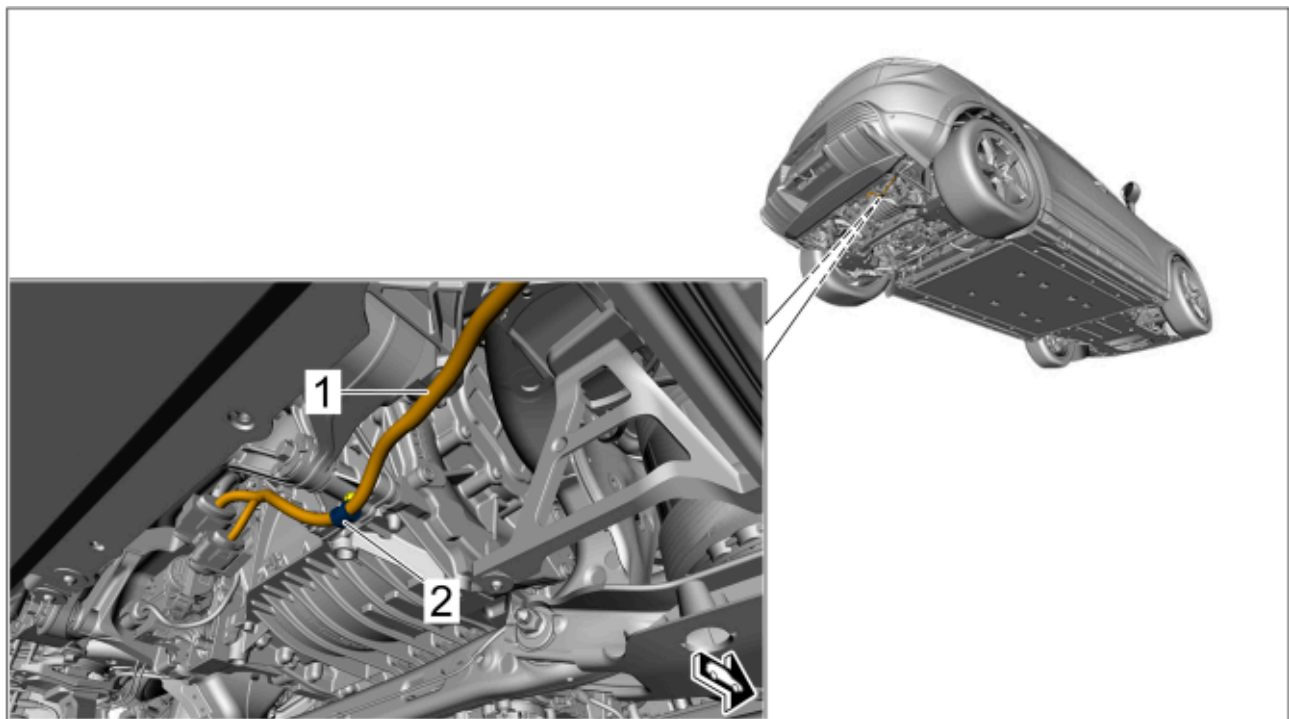
Cause: **On the affected vehicles, it is possible that the diameter of the fastening clip of the rear axle module wire harness does not meet the required specification.**

If this is the case, crushing and damage to the main wire harness cannot be ruled out. As a result, a yellow warning message "Vehicle electrical system faulty" will be displayed on the instrument cluster.

Action: Rework the rear axle module wire harness.

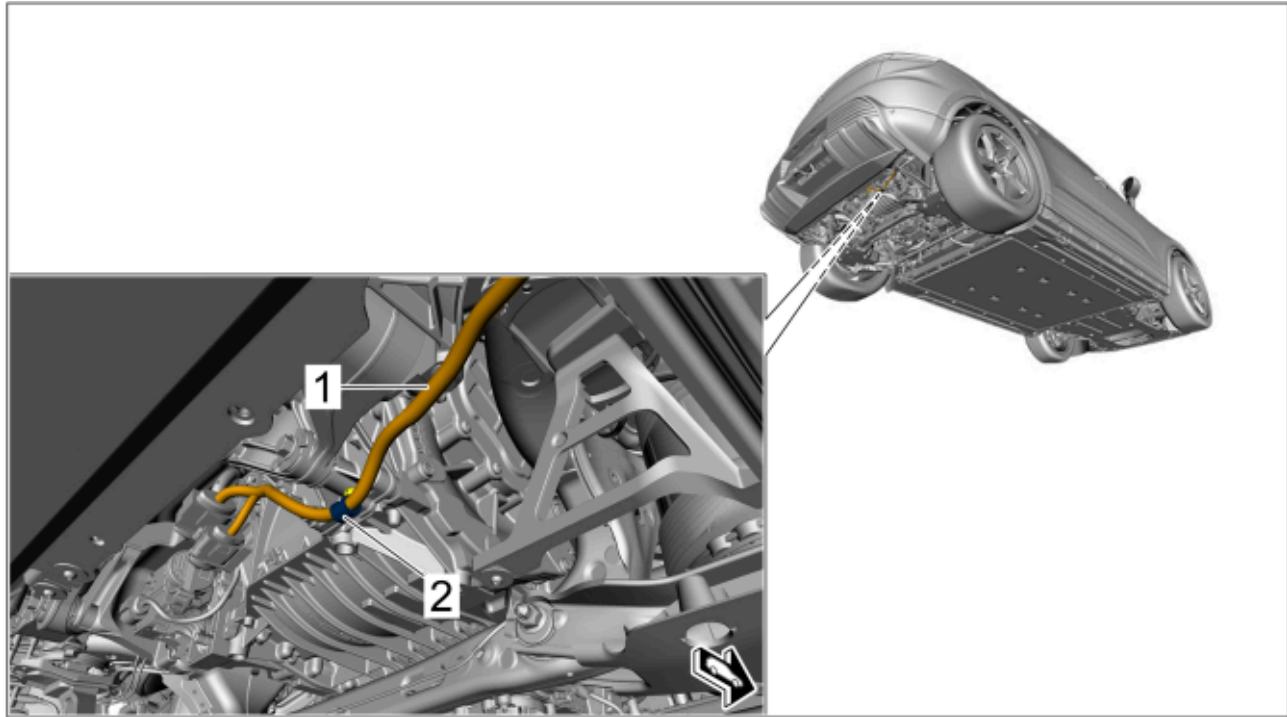
Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information).

Installation Position:



Installation position

Installation
Position:



Installation position

- 1 – Rear axle module wire harness (**check**)
- 2 – Fastening clip (**replace**)

Required parts and materials

Parts Info: 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 section: "Warranty processing"

For invoicing the necessary material – for repairing the rear axle wire harness (**Scope 2**) needs repairing – during the warranty processing, enter **Part No. WSJ20000001** with the designation "Consumables" as an **additional part** costing \$5.77 in the warranty claim.

Required Tools

Tools:

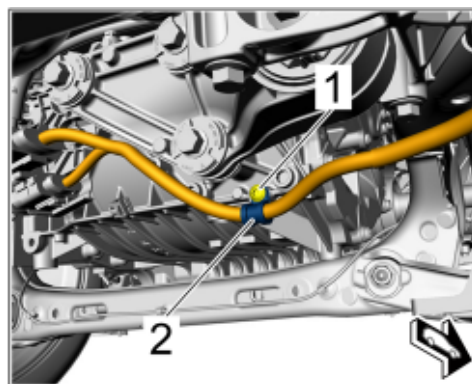
- Torque wrench, 2-10 Nm (1.5-7.5 ftlb.), e.g. **V.A.G 1783 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**

Additional required tools for repairing the rear axle module wire harness can be found in the Workshop Manual in PCSS.


⇒ *Technical Information '970941 Repairing electric lines on main wire harness'*

Reworking rear axle module wire harness

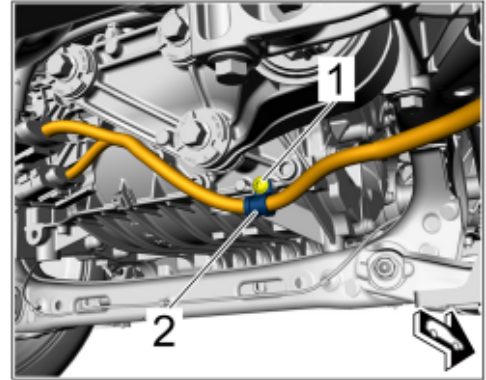
- Work Procedure:
- 1 Raise the vehicle.
⇒ *Workshop Manual '4X10IN Vehicle raising information'*
 - 2 Remove the rear cover.
⇒ *Workshop Manual '519419 Removing and installing rear cover'*
 - 3 Remove previous rear axle module wiring harness ⇒ *Wire harness on rear axle module -2-*.
 - 3.1 Unscrew screw ⇒ *Wire harness on rear axle module -1-*.
 - 3.2 Remove and discard previous fastening clip ⇒ *Wire harness on rear axle module -2-* from the rear axle module wire harness.
 - 4 Check the rear axle module wire harness in the area of fastening clip ⇒ *Wire harness on rear axle module -2-* for damage.



Wire harness on rear axle module

Assessment		Action
(✓)	The rear axle module wire harness in the area of the fastening clip is undamaged .	The rear axle module wire harness is OK . Continue with Step ⇒ 5.
(✗)	The rear axle module wire harness damaged in the area of the fastening clip. ⇒ <i>The rear axle module wire harness is not OK.</i> 	The rear axle module wire harness is not OK . Repair damaged lines for the rear axle module wire harness. For procedure, see: ⇒ <i>Technical Information '970941 Repairing electric lines on main wire harness'</i> Information: The diameter of the repaired rear axle module wire harness must be the same as the diameter of the original rear axle module wire harness in the area of the fastening clip. Then continue with Step ⇒ 5.

- 5 Install a **new** fastening clip for rear axle module wire harness ⇒ *Wire harness on rear axle module -2-*.
 - 5.1 Install and align **new** fastening clip ⇒ *Wire harness on rear axle module -2-* to the rear axle module wire harness.
 - 5.2 Screw in and tighten screw ⇒ *Wire harness on rear axle module -1-*.
Tightening torque 10 Nm (7.4 ftlb.)
- 6 Install the rear cover.
⇒ *Workshop Manual '519419 Removing and installing rear cover'*
- 7 Lower the vehicle.
⇒ *Workshop Manual '4X10IN Vehicle raising information'*
- 8 Enter the campaign in the Warranty and Maintenance logbook.



Wire harness on rear axle module

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 can differ from the labor time published in the Labor Operation List in the PCSS.

Scope 1: Rework the rear axle module wire harness.

- The rear axle module wire harness is **undamaged**

Labor time:

Reworking rear axle module wire harness

Labor time: **57 TU**

Includes: Raising and lowering vehicle
 Removing and installing rear cover
 Removing and installing fastening clip
 Checking rear axle module wire harness

Required parts:

V04015006T

Clip (D = 14 mm / 0.55 in)

1 piece

⇒ **Damage number WSJ2 066 000 1**

Scope 2: Rework the rear axle module wire harness.

- The rear axle module wire harness is **damaged** and must be repaired

Labor time:

Reworking rear axle module wire harness

Labor time: **77 TU**

- Includes:
- Raising and lowering vehicle
 - Removing and installing rear cover
 - Removing and installing fastening clip
 - Checking rear axle module wire harness
 - Repairing rear axle module wire harness

Required parts:

V04015006T	Clip (D = 14 mm / 0.55 in)	1 piece
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Required materials:

WSJ20000001*	Consumables	1 piece
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- Includes:
- Crimp connector
 - Repair lines
 - Non-woven adhesive tape
 - Shrink-fit hoses

*For invoicing the necessary material during the warranty processing, enter **Part No. WSJ20000001** with the designation "Consumables" as an **additional part** costing \$5.77 in the warranty claim.

⇒ **Damage number WSJ2 066 000 1**

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