

**Smoke and/or a Burnt Odor from Vents in the Passenger Compartment - Replace Passenger Compartment Electric Heater (ZX17) (SY 18/25)**

Model Line: **Macan (XAB)**

Model Year: **As of 2024 up to 2025**

Concerns: **Passenger compartment electric heater (ZX17)**

Symptom: **The customer complains about smoke development or a burnt odor coming from the vents in the passenger compartment of the new vehicle.**

Cause: Due to left-over cutting oil residues from the production process of the passenger compartment heater (ZX17), smoke development and/or a burnt odor from interior air vents can occur during heater operation under specific conditions.

Remedial Action: If the customer complaint is confirmed, replace the passenger compartment electric heater (ZX17).

Date of Introduction: From calendar week 07/2025, an optimized passenger compartment electric heater (ZX17) will be installed.

**Required tools**

- Tools:
- **P90999 - PIWIS Tester 4**
  - Battery charger with a current rating of **at least 90 A** and a **current and voltage-controlled charge map** for lithium starter batteries, e.g. **VAS 5908 battery charger 90 A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charge vehicle electrical system battery'*
  - Torque wrench, 0.4 - 2 Nm (0.3 - 1.5 ftlb.), e.g., **VAS 6253A - torque wrench, 0.4 - 2 Nm (0.3 - 1.5 ftlb.)**
  - 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.)**

**Required parts**



**Information**

The potentially affected passenger compartment electric heaters (ZX17) were blocked in the course of a warehouse cleaning or recalled from the corresponding centers.

The **part number** of the optimized passenger compartment electric heater (ZX17) **remains unchanged**.

## Parts Info:

Part No.	Designation – Location of use	Quantity
PAD819011A	⇒ Heating element for high-voltage system	1 piece(s)
PAD819236	⇒ Foam strips – Passenger compartment electric heater (ZX17)	1 piece(s)
N 10671701	⇒ M5 x 20 hexagon-head bolt (combination) – Knee airbag on driver side	4 piece(s)
N 90944604	⇒ M5 x 12 internal hexagon round/oval-head screw – Knee airbag on passenger side	4 piece(s)

**Replace passenger compartment electric heater (ZX17)**

Work Procedure: 1 Replace passenger compartment electric heater (ZX17). ⇒ *Technical Information '828055 Replace electric passenger compartment heater'*

**Labor position and PCSS encryption -**

Labor position:

APOS	Labor operation	I No.
82805540	Replace passenger compartment electric heater (ZX17)	

PCSS encryption:

Location (FES5)	82800	Interior heater electric heater
Damage type (SA4)	1611	not functioning

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