

**Symptom in Vehicle Interior – Auxiliary Heater Does Not Function (M-No. 9M1 / 9M9):
Retrofitting Heat Protection Mat (SY 36/17)**

General information

Change overview:

Release	Date	Change
0	04/07/2017	<ul style="list-style-type: none"> • First publication
1	03/07/2024	<ul style="list-style-type: none"> • New component status for heat protection mat available • Work procedure adapted to new component status of heat protection mat

Model Line: **Macan (95B)**

Model Year: **As of 2014 up to 2023**

Equipment: Auxiliary heater (M-No. 9M1 / 9M9)

Concerns: **Circulating pump for auxiliary heater**

Symptom: **The auxiliary heater cannot be started.**

Cause: The contacts in the circulating pump connector may be corroded as a result of water leaking into the connector housing.

The fault code **0582 Heater overheated** can be entered in the fault memory of the auxiliary heating control unit.

Remedial Action: A heat protection mat will be secured around the circulating pump.

958121653 ⇒ Heat protection mat

Fasten heat protection mat on circulating pump



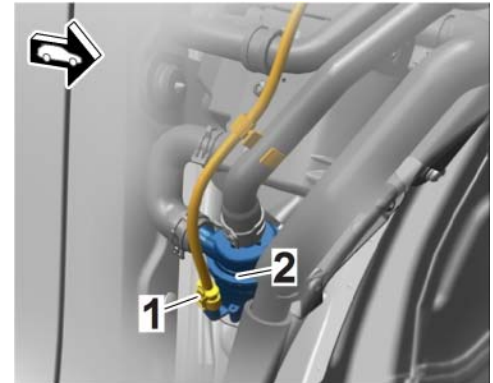
Hot components

- Risk of burns

⇒ Let hot components cool down.

⇒ Wear personal protective gear.

- 1 Remove exhaust pipe on auxiliary heater. ⇒ *Workshop Manual '826019 Removing and installing exhaust pipe - chapter on "Removing"*
- 2 Release electric plug connection ⇒ *Connector for circulating pump -1-* from the circulating pump ⇒ *Connector for circulating pump -2-* and disconnect it.



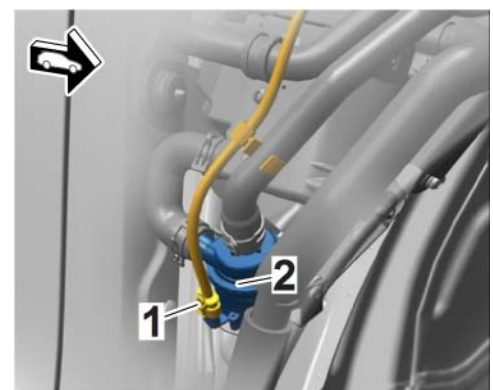
Connector for circulating pump



Information

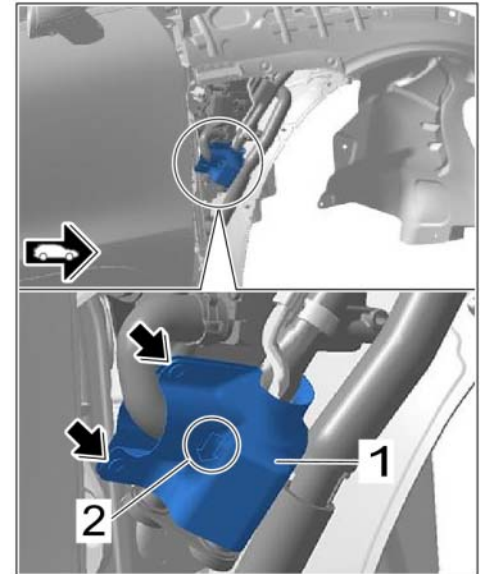
Replace damaged or corroded components and connectors if necessary.

- 3 Clean connector contacts and component contacts using a suitable tool.
- 4 Connect electric plug connection ⇒ *Connector for circulating pump -1-* to the circulating pump ⇒ *Connector for circulating pump -2-* until it engages securely.



Connector for circulating pump

- 5 Install heat protection mat ⇒ *Position of heat protection mat -1-* on the circulating pump and lock press-studs ⇒ *Position of heat protection mat -Arrows-*. Arrow ⇒ *Position of heat protection mat -2-* must be pointing downwards.



Position of heat protection mat

- 6 Install exhaust pipe on auxiliary heater. ⇒ *Workshop Manual '826019 Removing and installing exhaust pipe - chapter on "Installing"*
- 7 Read out and delete the fault memory. ⇒ *Workshop Manual '033500 Fault memory for on-board diagnosis'*

Labor position and PCSS encryption

Labor position:

APOS	Labor operation	I No.
82724900	Reworking circulating pump	

PCSS encryption:

Location (FES5)	82720	Circulating pump
Damage type (SA4)	5011	Water leak

References: ⇒ *Workshop Manual '826019 Removing and installing exhaust pipe'*
 ⇒ *Workshop Manual '033500 Fault memory for on-board diagnosis'*

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