

**WRK2 – Replacing Coolant Regulator (Workshop Campaign)**

Vehicle Type: **Macan (95B)**  
**Macan T (95B)**

Model Year: **2023**

Concerns: **Coolant regulator**

Cause: **It is possible that coolant regulators in which the radial shaft sealing ring does not meet the required specifications have been installed in the affected vehicles.**  
If this is the case, a gradual loss of coolant over a prolonged vehicle run time can lead to a drop in the coolant level in the coolant expansion tank and eventually result in a yellow warning message on the instrument cluster.

Action: Replace the coolant regulator.



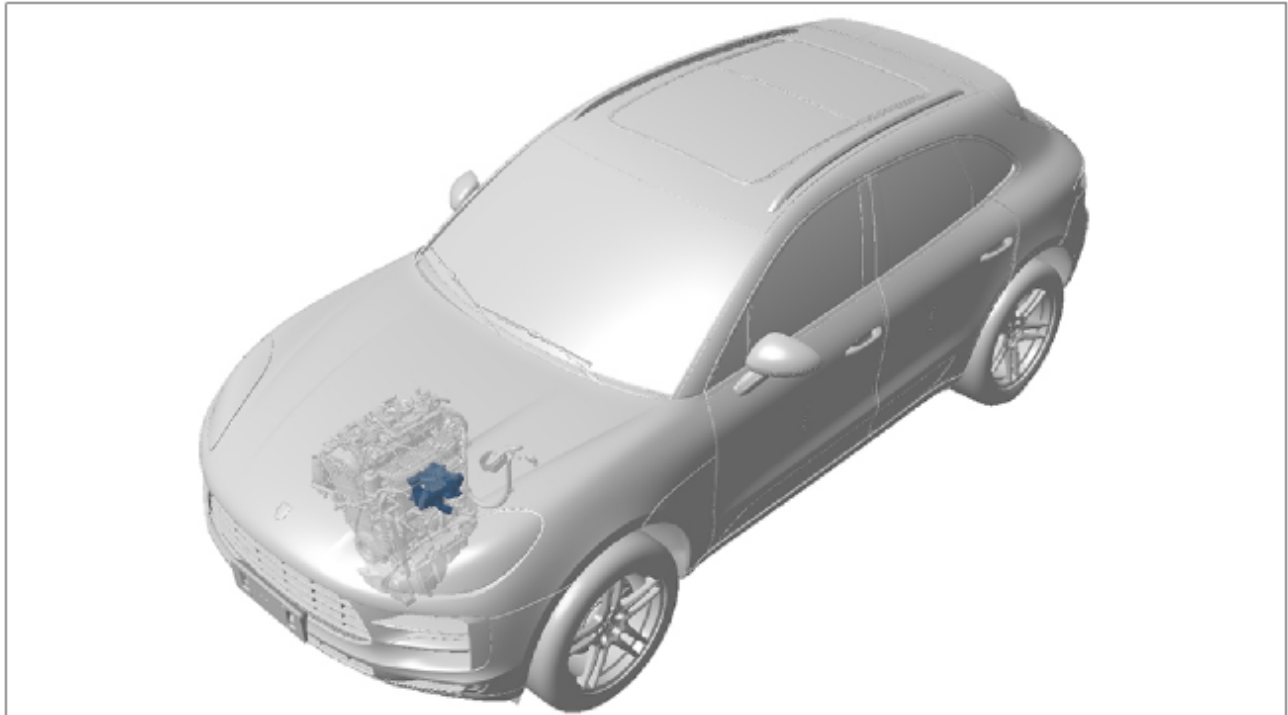
**Information**

The coolant regulator is integrated in the coolant regulator housing and cannot be replaced separately. In order to replace the coolant regulator, the coolant regulator housing must be replaced.

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

Installation

Position:



*Installation position of coolant regulator housing*

## Required parts and materials

The **part numbers** of the **required parts and materials** for the respective vehicle can be seen in the **assigned scope**. For an overview of the campaign scopes, see: ⇒ *Technical Information 'Warranty processing'*.

## Required Tools

Tools:

- Battery charger with a current rating of **at least 90 A**, e.g., **VAS 5908 - battery charger 90 A**
- **P90999 - PIWIS Tester 4**
- 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.)**
- Torque wrench, 6-50 Nm (4.5-37 ftlb.), e.g., **V.A.G 1331A - torque wrench, 6-50 Nm (4.5-37 ftlb.)**
- **VAS 6935 - Pole terminal puller**
- **VAS 6199A - Clamping pliers**
- **9696 - Filling device**
- **V.A.G 1274/10 - Pipe for coolant tester**
- **V.A.G 1274/8 - Adapter for cooling system tester**

**Replacing coolant regulator**

- Work Procedure: 1 Remove **previous** coolant regulator housing. ⇒ *Workshop Manual '195519 Removing and installing coolant regulator housing'*
- 2 Transfer the coolant pump with a **new** seal to a **new** coolant regulator housing.  
For procedure, see:  
⇒ *Workshop Manual '195019 Removing and installing coolant pump'*
- 3 Install a **new** coolant regulator housing. ⇒ *Workshop Manual '195519 Removing and installing coolant regulator housing'*
- 4 Enter the campaign into the Warranty and Maintenance logbook.

**Warranty processing**



**Information**

The specified labor time was determined specifically for carrying out this campaign and includes all necessary preliminary and subsequent rework. The labor time may differ from the labor time published in the Labor Operation List in the PCSS.

Scope 1: **Replacing coolant regulator**

<b>Labor time:</b>		
Replacing coolant regulator		Labor time: <b>334 TU</b>
Includes:	Removing and installing coolant pump drive belt Removing and installing throttle body Draining and filling coolant	
<b>Required parts:</b>		
<b>Part No.</b>	<b>Designation</b> <b>- Location</b>	<b>Quantity</b>
V04015005P	Coolant regulator	1 piece
PAC121043A	Moulded seal - Coolant pump	1 piece
95812113100	Connection socket with sealing ring - Coolant regulator housing	1 piece
WHT001163B	Hexagon-head bolt with inner multiple-tooth head (Duo) M16 x 16.5 - Coolant pump drive wheel	1 piece
PAF911296	M12 x 100 x 90 12-point screw - Coolant pump holder	1 piece

**Required materials** (usually already available in the Porsche Center):

V04015003P      Coolant additive, 20-liter/ 5.28 gal container      0.03 pieces

⇒ **Damage number WRK2 066 000 2**

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