

WTA5 - Replacing Air-Conditioning Compressor and Dryer (Workshop Campaign)

Model Line: **Macan (XAB)**

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

Concerns: **Air-conditioning compressor and dryer**

Cause: **Due to production deviations, an electric air-conditioning compressor with insufficient thermal conductivity may have been installed on the affected vehicles.**

If this is the case, the electric air-conditioning compressor may overheat and then switch off. As a result, the air conditioning and passenger compartment heating are not available.

Action: Replacing the air-conditioning compressor and dryer.

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

Required parts

The **part numbers** of the **required parts** for the respective vehicle can be seen in the **assigned scope**, see section "warranty processing".

Required tools

Tools:

- **P90999 - Porsche 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 Charging the vehicle electrical system battery'*
- **VAS 6122 - Engine plug set**
- **VAS 6883 - Insulated tool set**
- **VAS 6558A - High-voltage test adapter**
- **VAS 6558A/27 - Set of Kelvin clamps and test probes**
- **VAS 6558A/45 - High-voltage measurement adapter**
- **VAS 6558A/46 - High-voltage measurement adapter**
- **VAS 6558/10-1A - High-voltage test adapter**
- **VAS 6558/10-2 - High-voltage test adapter**
- **VAS 6410 - Contact surface cleaning set**
- **T40262 - Locking cap**
- **Pole terminal puller**
- **3093 - Hose clamp**

- VAS 6675A - Funnel
- VAS 531 011 - Cooling system service equipment
- Air-conditioning service device recommended by Porsche for refrigerant R1234yf, e.g. VAS 581 001A - Air-conditioning service device R1234yf
- VAS 231 007A - Scale

Replacing the air-conditioning compressor and dryer

- Work Procedure: 1 Deactivate the high-voltage system.
⇒ Workshop Manual '931083 Deactivating and activating high-voltage system'
- 2 **Replacing the air-conditioning compressor and dryer.**
⇒ Workshop Manual '873455 Replacing air-conditioning compressor'
and
⇒ Workshop Manual '875519 Removing and installing dryer'
- 3 Activate the high-voltage system.
⇒ Workshop Manual '931083 Deactivating and activating high-voltage system'
- 4 Enter the campaign in the Warranty and Maintenance Logbook.

Warranty processing

Scope 1: **Replacing the air-conditioning compressor and dryer**

- Valid for Macan (XAB)

Labor time:

Replacing the air-conditioning compressor and dryer

Labor time: **615 TU**

Includes: Deactivating and activating high-voltage system
Removing and installing dryer
Removing and installing electric air-conditioning compressor
Connecting and disconnecting battery charger
Read out and delete fault memory

Required parts:

V04015800EE	Electric air-conditioning compressor	1 piece
95557374901	Round sealing ring, 11 x 2.5-N	1 piece
95557374903	O-ring, 23.8 X 2.4-N	2 piece
PAB121809A	Seal, 270MM	1 piece
N 10629602	Hexagon-head bolt, M10 x 35	3 piece
PAF91221601	Hexagon-head bolt, M10 x 85	4 piece
95C816582A	Dryer	1 piece

9A757374903	O-ring 16.25 X 2.5-N	1 piece
-------------	----------------------	---------

Required materials:

WTA50000001*	Consumables Includes: – Refrigerant 1234yf – Compressor oil 1234yf – Coolant additive	1 piece
--------------	---	---------

*For invoicing the necessary material during the warranty processing, enter **Part No. WTA50000001** with the designation "Consumables" as an **additional part** costing \$2.89 in the warranty claim.

⇒ **Damage number WTA5 066 000 2**

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

© 2026 Porsche Cars North America, Inc.