

Macan III – Intermittent Air Conditioning Function

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Macan	2022	95B	n/a	n/a

Revision History

Revision	Release Date	Changes
0	August 26, 2022	Original document
1	October 10, 2022	Update of Technical Background and Service Information

Condition

The customer complains of a lack of cool air coming from the A/C vents, or intermittent A/C fan function. The workshop finds the following fault present:

- => Control unit: Air conditioning (BKE)
- => Fault code: 008300 – Heater/fresh-air blower motor front – electrical fault

Technical Background

The air conditioning control unit (BKE) contains a current-limiting function to prevent damage to the blower motor upon cold starting the vehicle. Therefore, if the fan settings on the A/C control panel in the center console are set to a high fan speed at cold start, the current demand for the blower regulator may not be met. The BKE then misdiagnoses the current regulation as an electrical fault with the blower motor.

Service Information

Please update the A/C system to software version 0760:

1. Ensure that the PIWIS Tester is updated to version 41.400.020 or newer.

2. Perform the following steps to update the A/C system.
 - I. Connect the vehicle to a suitable battery charger.
 - II. Connect the PIWIS Tester to the vehicle and perform a Pre-VAL.
 - III. In the Overview menu, select A/C system.
 - IV. Select Additional Menu (F7).
 - V. Select Campaign and enter the programming code F6L8S [bold]. Follow the on-screen instructions during programming. The programming sequence should last up to 5 minutes.
 - VI. In the Extended Identifications menu, verify that the A/C system has updated to software version 0760.
 - VII. Perform a Post-VAL to document successful programming.

Warranty

As always, please document the repair completely in PCSS.

For this repair, please code the "cause" as follows:

Cause location: 87780 Fan regulator

Cause symptom: 1611 No function

Use the following troubleshooting labor operation: (Examples)

03350000 On board diagnostic

Search Items

Blower, blower motor, blower regulator, fan regulator, a/c fan, a/c, air conditioning, Macan, Macan III, 95B

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