

Macan S, GTS, Turbo - "Warning: Oil Pressure Monitoring Fault" and Accompanying Engine Warning

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Macan S	2019 - 2020	95BBH1	N/A	N/A
Macan GTS	2020	95BBL1	N/A	N/A
Macan Turbo	2020	95BCI1	N/A	N/A

Revision History

Revision	Release Date	Changes
0	June 23, 2020	Original document
1	December 9, 2020	Updated Service Information
2	January 10, 2022	Update of Model Year
3	February 21, 2022	Software solution implementation

Condition

Instrument cluster faults for oil pressure monitoring (00A048) and engine control warnings (00A016 and C12080) occurring in the wake of DME error entries **P052100 (00723D) - 'Oil pressure sensor, front of engine block – signal'** and **P25AD00 (0048AD) – 'Oil pressure switch – signal implausible.'**

Technical Background

A sensitive diagnostic trigger threshold in connection with the manner in which adaptations related to oil pressure occur for some vehicles may lead to the aforementioned errors. This condition is not harmful to the engine.

A software update to improve the diagnostic condition for these faults is now available.

Advanced Technical Information

Bulletin #: 2010.3

Part ID: 2470

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Service Information

After recording a Vehicle Analysis Log (VAL), delete the fault memory log and drive to ensure there are no further faults. Ensure that the PIWIS tester software version is at least 40.785.090. Perform an automatic programming of the DME to update the software from the existing version to the respective updated version (if necessary) in the table below. After performing the update, check and clear any fault codes and perform the necessary adaptations to calibrate the throttle position sensor, radiator flaps, and exhaust flaps before test driving the vehicle.

Derivative	Market	Master SW Version
Macan PA S ULEV, MY19	NAR	95B907559E__0008
Macan PA S ULEV, MY20	NAR	95B907559E__0009
Macan PA Turbo ULEV, MY20	NAR	95B907551D__0007
Macan PA GTS, MY20	NAR	95B907551J__0007

Model year 2021 Macan vehicles of the S, GTS and Turbo variants already contain SW with the improved oil pressure diagnostic.

Warranty

As always, please document the case completely in PQIS.

Use the following troubleshooting labor operation:

03350000 On board diagnostic (Main work) Fault memory read out
 03350053 On board diagnostic (Composite) VAL
 24702550 DME control unit program (Composite work)

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

Cause location: 24700 DME control unit
 Cause symptom: 4028 Reacts to Faults

Search Items

P052100 (00723D) - Oil pressure sensor, front of engine block – signal' and P25AD00 (0048AD) – Oil pressure switch – signal implausible; warning for oil pressure monitoring fault (00A048), check engine control unit fault memory content (C12080), Macan PA –S , 3.0 liter V6

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