

Display of "Coolant Temperature Too High" in G2, Macan and E3

Vehicles Affected

Models	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
Panamera	2017 - 2021	All V6 engines	n/a	n/a
Macan	2019 - 2021	All V6 engines	n/a	n/a
Cayenne	2019 - 2021	All	n/a	n/a

Revision History

Revision	Release Date	Changes
0	December 20, 2022	Original document
1	January 23, 2023	Update of Panamera model type
2	May 30, 2023	Update of Part ID

Condition

Customer complains about "Coolant temperature too high" warning message, fault code B19A750 in the


<p>Coolant or engine oil temperature gage at maximum mark</p>		<p>Engine temperature too high Park vehicle and allow engine to cool</p>	<p>Coolant or engine oil temperature is too high.</p> <ul style="list-style-type: none"> ▶ Immediately stop when it is safe to do so, switch off the engine and let it cool down. ▶ Check radiators and air guides in and on the vehicle for obstructions. ▶ Check coolant and engine oil level. <ul style="list-style-type: none"> ▷ Please see chapter "Engine Oil" on page 111. ▶ Add coolant if necessary. <ul style="list-style-type: none"> ▷ Please see chapter "Coolant" on page 98. <p>If the fault persists:</p> <ul style="list-style-type: none"> ▶ Have the fault rectified at an authorized Porsche dealer.*
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Figure 1 - Owner's Manual Information for Over-Temperature Warning (B19A750)

Instrument Cluster: "Display of coolant temperature too high, active".

Technical Background

The aforementioned warning message only displays when temperatures exceed the warning thresholds. In contrast to "TI, 1950 Warning Message "Coolant Temperature Too High": Checking Coolant Pump and Change-Over Valve (173/21)", please replace the 'change-over valve' in combination with this warning, regardless of whether or not it passes the function test as outlined in TI 173/21.

Service Information

1. Check and verify vehicle model year
2. Check for damage in the coolant pump and replace if necessary, per the instruction in WM – 195019
3. Replace change-over valve
4. Check for damage and residue in vacuum lines and replace if necessary.

Warranty

As always, please document the repair completely in PQIS.

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

Cause location: 19500 Coolant pump

Cause symptom: 1611 No function

Use the following troubleshooting labor operation:

03350050 On board diagnostic

19010150 Cooling system check

19505521 Check change-over valve, replace change-over valve and coolant pump (V6 engine)

19383550 Coolant inspect and add

03350053 On board diagnostic

Search Items

Coolant leak, water pump, change-over valve, switching valve, overheating, temperature

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