



Technical Service Bulletin

19 Red coolant warning lamp comes on OR MIL on, DTC P218100 and/or P1BB400

19 24 64 2069248/6 August 30, 2024. Supersedes Technical Service Bulletin Group 19 number 23-43 dated September 14, 2023 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2019 – 2021	All	4.0L engine
S8	2020 – 2021		
SQ7, SQ8, and RS Q8	2020 – 2022		
RS 6 Avant, and RS 7	2021 – 2022		

Condition

REVISION HISTORY		
Revision	Date	Purpose
6	-	Revised <i>Warranty</i> (Updated Warranty table)
5	09/14/2023	Revised <i>Warranty</i> (Updated Warranty table)
4	09/07/2023	Revised <i>Condition</i> (Updated workshop findings)

Customer states:

- The red coolant temperature warning is displayed in the instrument cluster and the engine fans are running. However, according to the coolant temperature gauge, the engine temperature is not excessively high.

Or

- MIL on.

Workshop findings:

The following DTCs are stored in the Engine Control Module, -J623- (address word 0001):

- DTC P218100:** Cooling System Performance. **(Must be stored.)**
- DTC P1BB400:** Cylinder head temperature too low. **(May also be present.)**

 NOTICE
If DTCs P017B00, P017C00 or P017E00 are also stored in the ECM, please refer to TSB 2062951.



Technical Service Bulletin

Technical Background 1

In some instances, corrosion between the brass bushing and the heating pin leads to inaccurate open and close positions during the operating temperature range. The surface treatment process of the thermostat sleeve has been improved to minimize corrosion.

Production Solution

Not applicable.

Service

Replace Map Controlled Engine Cooling Thermostat F265.

Please also check that the ball-type non-return valves (check valves) in the two quick-release couplings for the coolant breather line which connects the engine and the main radiator to the coolant expansion tank are present and are working correctly. To ensure correct functioning, the balls must be able to move freely, and the valves must open in the normal direction of flow toward the expansion tank but close toward the engine/main radiator (refer to "Connection diagram – coolant lines" in ELSA).

Warranty

Claim Type:	If the vehicle is outside any warranty, this Technical Service Bulletin is informational only		
Service Number:	1958		
Damage Code:	0010		
Labor Operations:	Thermostat remove + reinstall	1958 1973	See SRT with associated operations.
	Check non-return valves	1986 2099	20 TU
	GFF	0150 0000	Labor according to diagnostic log
	Charge battery	2706 8950	See SRT with associated operations
	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2069248/6		



Technical Service Bulletin

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

Required Parts and Tools

Tool Number	Tool Description
VAS 6160/VAS 6150	VAS tester with the current version of ODIS (Windows 10).

Additional Information

All part and service references provided in this TSB (**2069248**) are subject to change and/or removal. Always check with your Parts Department, and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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