



Technical Service Bulletin

01 MIL on, DTC P218100, P017B00, P308100, and/or P01E400 are stored in the ECM

01 20 52 2058767/2 March 26, 2020. Supersedes Technical Service Bulletin Group 01 number 20-48 dated March 11, 2020 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7	2018 - 2019	All (Neckarsulm)	V6 TFSI
A6, A7	2020	N000001 - N030626	V6 TFSI
A8	2019 - 2020	All	V6 TFSI
Q7	2020	D000001 - D000009	V6 TFSI
Q8	2019	All (Bratislava)	V6 TFSI
Q8	2020	D000001 - D050965	V6 TFSI
S4	2017 - 2020	All (Ingolstadt)	V6 TFSI
S5, RS5	2018	All	V6 TFSI
S5	2019	A000001 – 086414	V6 TFSI
RS5	2019	A000001 - 907080	V6 TFSI
S5	2020	N000001 - N000785	V6 TFSI
SQ5	2018 - 2020	All	V6 TFSI

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised header (Added models) Revised <i>Service</i> (Updated Step 1) Revised <i>Warranty</i> (Updated Labor Operations)
1	03/11/2020	Initial publication

Customer states:

- MIL on.

Workshop findings:

- The fan may run permanently.

At least two DTCs below are stored in the engine control module (ECM), J623 (address word 0001):



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- **DTC P218100** (fault in cooling system).
- **DTC P017B00** (sensor for cylinder head temperature, implausible signal).
- **DTC P308100** (engine temperature too low).
- **DTC P01E400** (sender 3 for coolant temperature, implausible signal).

Technical Background

Not applicable.

Production Solution

Implementation of the improved thermostat in to production.



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Service

1. Remove the thermostat and check whether it closes completely. If the coolant is still warm, put the thermostat in cold water to restore its original condition. If there is a gap between chamber and seal, the thermostat is faulty and needs to be replaced.
2. Attach photos to the repair order which clearly shows that the thermostat does not close neatly.



Note:

After the repair, fill with G12evo coolant in the coolant circuit.



Figure 1. Gap between chamber and seal.



Note:

Parts replacement of the coolant temperature sender does not solve this issue. Claims for replaced parts will be subject to review.



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Warranty

Claim Type:	• 110 up to 48 Months/50,000 Miles. • G10 for CPO Covered Vehicles – Verify Owner. • If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	1958		
Damage Code:	0017		
Labor Operations:	Drain and fill in coolant	1938 1743	See SRT
	Replace coolant thermostat	1958 1993 (All Models)	See SRT
	Remove and install air pipe of the intake air distributor	2446 1943 (A6, A7, S4, SQ5, S5, and RS5 Only)	See SRT
	Cooling Fan Housing R&R	1920 1994 (Q7 Only) Or 1920 1943 (Q8 and A8 Only)	See SRT
	Front Bumper R&R	6329 1900 (Q7 Only)	See SRT
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 50 TU)
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB #2058767/2		

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.



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Required Parts and Tools

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA
06M121115K	Thermostat	01
06M121688	Seal ring	01

Additional Information

All parts and service references provided in this TSB (2058767) are subject to change and/or removal.

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