

Technical Service Bulletin



19 Coolant temperature too high when vehicle is being driven - 4.0 TFSI

19 14 51 2037994/1 August 4, 2014.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
S6, S7	2013 - 2014	All	4.0T
RS 7	2014	All	4.0T
S8	2013 - 2014	All	4.0T
A8	2013 - 2014	All	4.0T

Condition

- While the vehicle is being driven:
 - The red coolant warning lamp illuminates, or a coolant-related warning appears in the DIS (Figure 1).
 - The coolant temperature gauge rises.
- After the ignition key is cycled, the temperature may return to normal.
- No coolant leaks are found.
- Guided fault finding (GFF) shows no clear symptoms.



Figure 1. Coolant warnings.

Technical Background

In certain operating conditions, a function in the internal thermal management system can increase the engine temperature.

Production Solution

Updated engine control module (ECM) software.

Service



Tip: Before running SVM 01A171, ensure that the 19J1 Quality Package (including ECM update) has already been completed, if it applies to the vehicle being repaired. The 19J1 procedure is valid only for vehicles that show the 19J1 code in the ElsaPro Campaign/Action Information screen on the day of repair.

SVM Update Instructions

1. Follow all instructions in TSB 2011732: *00 Software Version Management (SVM), operating instructions.*
2. Update the ECM, J623 (address word 01), using the SVM action code as listed in the table below, if necessary.

Model	Engine	Old Software Part Number	Old Software Version (or lower)	New Software Part Number	New Software Version (or higher)	SVM Code Input
S6/S7 (MY13)	4.0 TFSI CEUC	4G0906014B	0007	4G0906014B	0008	01A171
S8 (MY13)	4.0 TFSI CGTA	4H0907557B	All	4H0907557E	0003	
A8 (MY13)	4.0 TFSI CEUA	4H0906014B 4H0906014L	All	4H0906014L	0004	
S6/S7 (MY14)	4.0 TFSI CEUC	4G0906014E	0003	4G0906014E	0004	
S8 (MY14)	4.0 TFSI CTFA	4H0907557E	All	4H0907557E	0003	
A8 (MY14)	4.0 TFSI CTGA	4H0906014L	All	4H0906014L	0004	
RS 7 (MY14)	4.0 TFSI CRDB	4G0906560B	0004	4G0906560B	0005	

Technical Service Bulletin



Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	2470		
Damage Code:	0039		
Labor Operations:	Check software level ECM only (no update needed)	2470 0199	10 TU
	Check software level in ECM and perform update	2470 2599	50 TU
	Check cooling system for leaks	1901 0100	20 TU
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	0121 0004	10 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB # 2037994/1		

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

- Approved battery charger
- Cooling System Pressure Tester: V.A.G 1274 B

Additional Information

The following Technical Service Bulletin will be necessary to complete this procedure:

- TSB 2011732 *00 Software Version Management (SVM), operating instructions*.

All part and service references provided in this TSB (2037994) are subject to change and/or removal. Always check with your Parts Dept. and service manuals for the latest information.