

Technical Service Bulletin



19 Coolant warning light on, coolant level close to or below minimum

19 16 64 2039777/3 January 12, 2016. Supersedes Technical Service Bulletin Group 19 number 15-56 dated February 26, 2015 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3	2015 - 2016	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised header data (Added model year) Revised <i>Warranty</i> (Completely revised)
2	2/26/2015	Revised <i>Condition</i> (Added statement) Revised <i>Technical Background</i> (Completely revised)
1	2/13/2015	Initial publication

- The coolant temperature warning light is on.
- The coolant level in the coolant expansion tank is close to or below minimum.
- The customer had to top off the coolant several times.

Technical Background

Air gets into the cooling system during production or when refilled during previous repairs. As this air escapes, the coolant level in the coolant expansion tank can drop below the minimum. A drop of the coolant level because of air in the system is possible even after the vehicle has exceeded 15,000 miles. Because of the remaining air, the coolant level can drop a few times.

Production Solution

Not applicable.

Service

1. Double-check the cooling system to ensure that there are no leaks causing the condition. Use the instructions in the Elsa repair manual:
 - If no leak is found, top off the coolant level to the mark (Figure 1). No repair is necessary. Explain the *Technical Background* to the customer.
 - If a leak is found, repair the cooling system according to the repair manual.

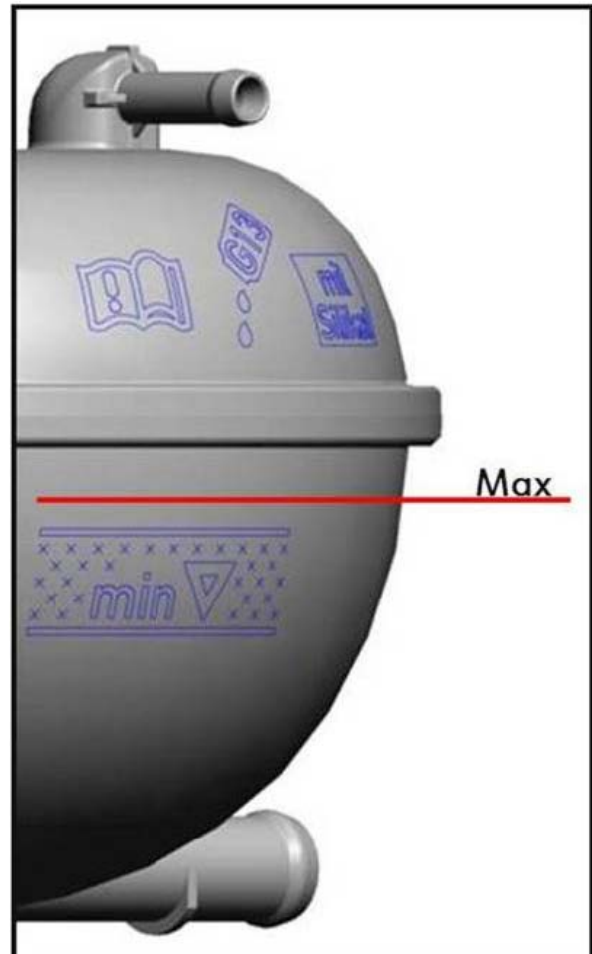


Figure 1. Coolant fill level.



Tip: When a hot coolant expansion tank is opened, rising or bubbling coolant can be normal on engines with intelligent thermal management (ITM) cooling systems, as ITM works at coolant temperatures over 100°C (212°F). On cooling systems with ITM, CO₂-leakage testers (such as Leitenberger LT200) will not detect a leak because the test fluid always discolors in these systems.

2. After repairing the cooling system, perform the top-off and bleeding of the coolant system according to the instructions in the Elsa repair manual and on the diagnostic tester.

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Warranty

Claim Type:	1EB		
Service Number:	DADP		
Damage Code:	0010		
Labor Operations:	Cooling system check and top off	0132 0000	Actual time (Max 20 TU)
Diagnostic Time:	GFF	No allowance	0 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 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 # 2039777/3		

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.

Additional Information

The following repair procedures may be necessary to complete this procedure:

- *Repair manual > Engine > Engine Mechanical, Fuel System and Ignition > 19 Cooling System > Cooling System/Coolant > Cooling System, Checking for Leaks*
- *Repair manual > Engine > Engine Mechanical, Fuel System and Ignition > 19 Cooling System > Cooling System/Coolant > Cooling System, Draining and Filling*

All parts and service references provided in this TSB (2039777) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.