



Technical Service Bulletin

19 Coolant warning light on OR Coolant pump replaced due to a coolant leak - 4.0 TFSI

19 24 48 2065040/3 January 30, 2024. Supersedes Technical Service Bulletin Group 19 number 22-30 dated August 31, 2022 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2019 – 2020	All	4.0L engine
	2021	000000 - 012394	
SQ7, and SQ8	2020	All	
	2021	000000 – 019694	
RS Q8	2020	All	
	2021	000000 – 022938	
RS 6 Avant, and RS 7	2021	900000 – 905988	

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised header (added models) Revised <i>Warranty</i> (added table)
2	08/31/2022	Revised title (Added additional concern condition)
1	11/13/2021	Initial publication

Customer states:

- There is a coolant warning in the instrument cluster or vehicle overheating.
- OR
- Vehicle loses coolant.

Workshop findings:

- The coolant pump is identified as cause of coolant leak.

Technical Background

Not applicable.



Technical Service Bulletin

Production Solution

Not applicable.

Service

If the mechanical coolant pump is replaced, the following must be observed:

When performing work on the cooling system which requires the mechanical coolant pump to be replaced, it must be ensured that there is no coolant residue or fluid in the control line (Figure 1, position 1). If there is, switch valve N649 must also be replaced in addition to the coolant pump and the control line must be cleaned/dried.

- Position 1 – control line.
- Position 2 – switch valve for mechanical coolant pump N649.
- Position 3 – mechanical coolant pump.

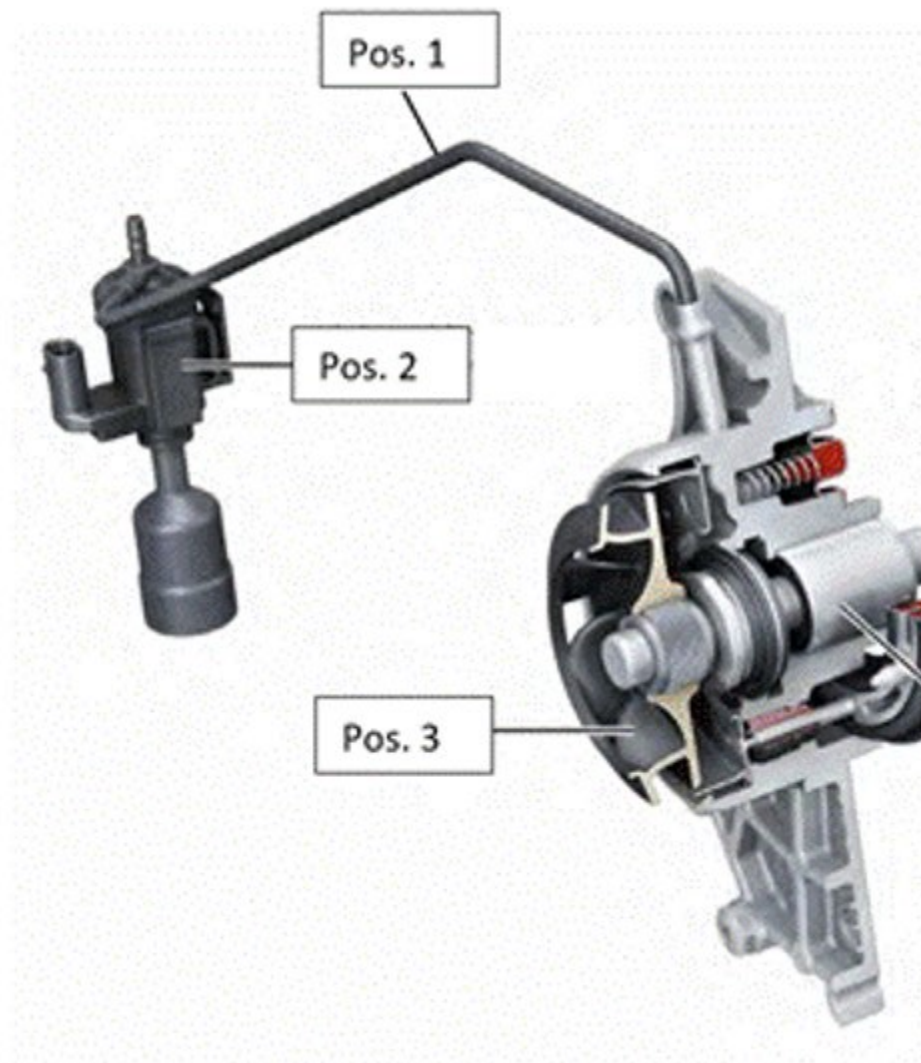


Figure 1. Mechanical coolant pump.

Warranty



Technical Service Bulletin

Claim Type:	<ul style="list-style-type: none">• 110 Up to 48 Months/50,000 Miles.• G10 for CPO Covered Vehicles – Verify Owner.• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
Service Number:	1950		
Damage Code:	0050		
Labor Operations:	Remove and install coolant pump	1950 19XX	See SRT with associated operations
	Remove and install switch valve N649, clean/ dry vacuum line	1985 1999	20 TU
Diagnostic Time:	GFF	No allowance	0 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 2065040/3		

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.

Required Parts and Tools

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins and workshop manual.

Additional Information

All part and service references provided in this TSB (**2065040**) 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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