



Technical Service Bulletin

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

19 24 52 2065040/4 February 19, 2024. Supersedes Technical Service Bulletin Group 19 number 24-48 dated January 30, 2024 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A8	2019 – 2020	All	4.0L engine
	2021	000000 – 012394	
S8	2020	All	
	2021	000000 – 012194	
SQ7, and SQ8	2020	All	
	2021	000000 – 019694	
RS Q8	2020	All	
	2021	000000 – 022938	
RS 6, and RS S7	2021	900000 – 905988	

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised <i>Service</i> (Added note)
3	01/23/2024	Revised header (added models) Revised <i>Warranty</i> (added table)
2	08/31/2022	Revised title (Added additional concern condition)

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



Technical Service Bulletin

Not applicable.

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.



Technical Service Bulletin

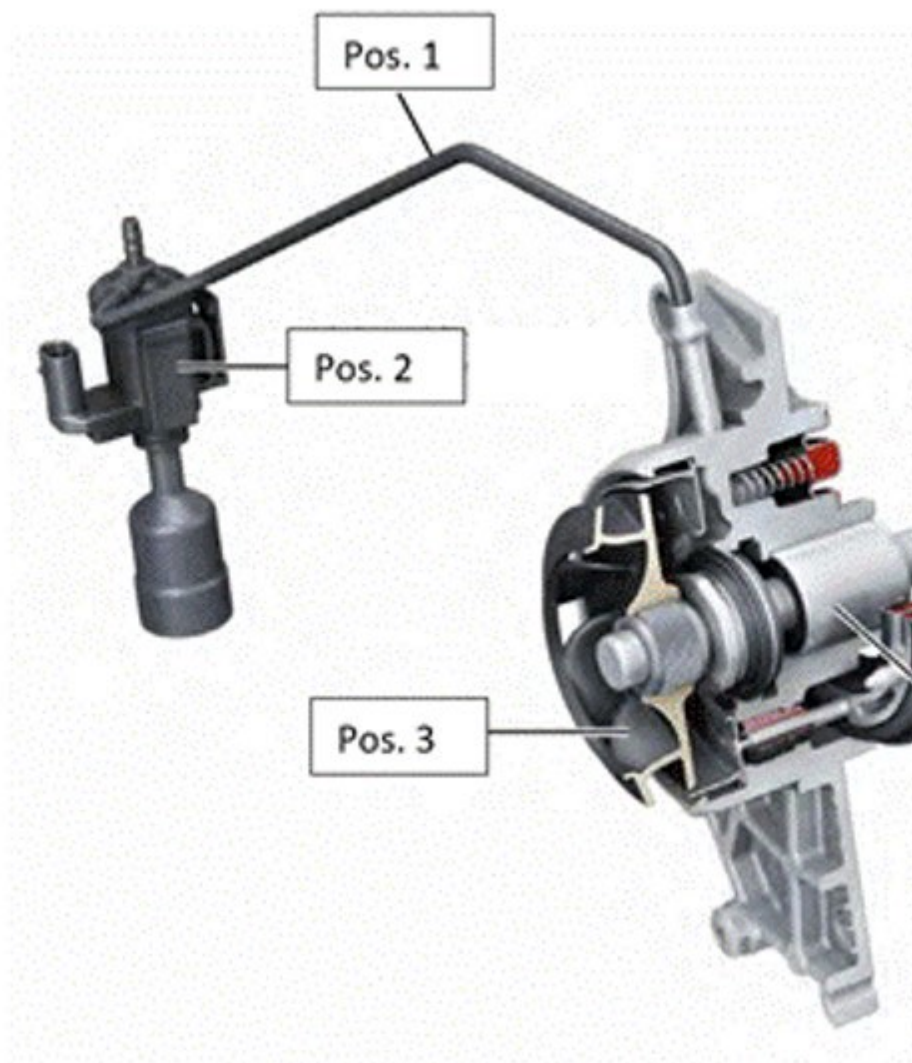


Figure 1. Mechanical coolant pump.

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



NOTICE

If coolant can be detected beyond the N649 switch valve, replace any components connected to the vacuum system that show signs of coolant ingress.



Technical Service Bulletin

Warranty

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 2065040/4		

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.

©2024 Audi of America, Inc. All rights reserved. The information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies, and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites without the prior expressed written permission of the publisher.