



Technical Service Bulletin

19 Coolant marks on coolant pump with coolant level warning light on or detected during service work - 4.0 TFSI

19 17 87 2045456/3 May 24, 2017. Supersedes Technical Service Bulletin Group 19 number 17-84 dated March 23, 2017 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
RS 7	2014 – 2017	All	4.0 TFSI
A8, S6, S7	2013 – 2017	All	4.0 TFSI

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Service</i> (Added worksheet)
2	03/23/2017	Revised <i>Service</i> (Updated information) Revised <i>Warranty</i> (Updated Labor Operations) Revised title (Removed parenthesis) Revised <i>Condition</i> (Added customer statement)
1	03/17/2017	Initial publication

Customer statement:

No customer concern. However, coolant marks were found during service or repair work.

Coolant level warning light is on.

Workshop findings:

Dried coolant marks on the drive of the coolant pump (Figure 1).



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Figure 1. Coolant marks shown around coolant pump.

Technical Background

The coolant pump is sealed off with a slip ring seal to the input shaft. To prevent the seal from drying up a minor coolant leak is necessary to lubricate the seal. In some cases, the excess coolant can be discharged to the outside via the vent hole.

With time, the discharged coolant dries up and leads to coolant deposits. This coolant pump does not have to be replaced and was not responsible for the coolant loss.

The coolant loss can be from other leaking components. In those cases, the coolant runs to the lowest point and is first visible on the coolant pump.

Production Solution

Not applicable.

Service

1. Fill out attached check sheet with information requested and attach to the Repair Order.
2. Remove the coolant marks from the coolant pump and the surrounding components and bleed the cooling system according to ElsaPro. Check the cooling system for leaks according to the repair manual.



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3. If no new coolant loss is detected, do not perform any repairs.
4. If a leak is found, repair as necessary.

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 vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	1950		
Damage Code:	0050		
Labor Operations:	Bleed cooling system, check for leaks	1938 0799	50 TU
	Remove + reinstall front noise dampening pan (based on vehicle being serviced). Not allowed if leak is found during service work.	1082 1900	According to ElsaPro
	Clean coolant pump	1950 2999	10 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 #2045456/3		

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.



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Required Parts and Tools

Tool Number	Tool Description
VAG1274/8	Adapter
VAG1274B	Pressure tester
V.A.G1274/8	Adapter
V.A.G1274/10	Adapter
VAS 6096	Cooling system charge unit

Additional Information

All parts and service references provided in this TSB (2045456) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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