



# Technical Service Bulletin

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## 19 Heating output insufficient

19 17 78 2046971/1 February 24, 2017.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
S8 +	2016 - 2017	All	Not Applicable

## Condition

### Customer statement:

- Poor heat output in passenger compartment.

### Workshop findings:

- The customer statement can be reproduced.
- No relevant event entry is found in the Engine control module (ECM) (J623) (address word 0001) or Climatronic control module (J255) (address word 0008).

## Technical Background

Air is in cooling system circuit.

## Production Solution

Improved lower coolant hose with check valve.

## Service

1. Remove cap at coolant expansion tank.
2. Tape left fender around headlight opening to protect paint.
3. Remove left front headlight refer to ElsaPro at *Repair Manual* >> *Electrical System* >> *Electrical Equipment* >> *94 Exterior Lights, Switches* >> *Headlamps* >> *Headlamp, Removing and Installing* >> *Headlamp, Removing and Installing, Vehicles from MY 2014*.

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4. Replace hose with check valve.

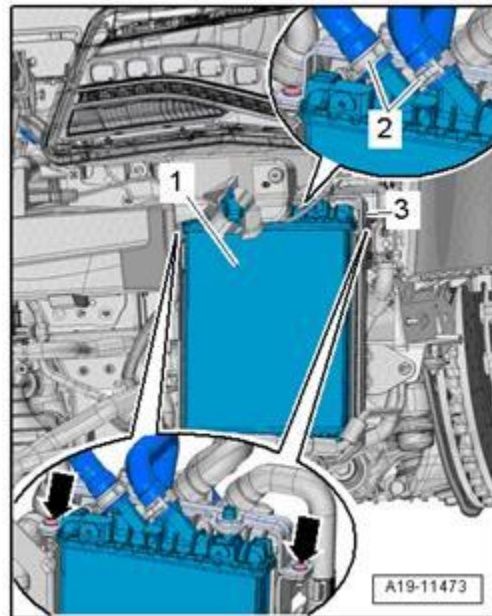


Figure 1. Hose with check valve.

5. Reinstall headlight.
6. Bleed the coolant circuit according to ElsaPro at *Repair Manual >> Engine >> 19 Cooling System >> Cooling System/Coolant >> Cooling, Draining and Filling.*
7. Perform heater system check per ElsaPro at *Repair Manual >> Heating, Ventilation & Air Conditioning >> Heating, Ventilation & Air Conditioning >> 00 General, Technical Data >> Repair Information >> Heating Output, Checking >> Heating Output and Temperature Control Door Activation, Checking.*



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## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"> <li>• 110 up to 48 Months/50,000 Miles.</li> <li>• G10 for CPO Covered Vehicles – Verify Owner.</li> <li>• If vehicle is outside any warranty, this Technical Service Bulletin is informational only</li> </ul>		
<b>Service Number:</b>	1962		
<b>Damage Code:</b>	0010		
<b>Labor Operations:</b>	Replace lower coolant hose with check valve to additional radiator, remove + reinstall headlight.	1962 1999	110 TU
	Bleed cooling system including remove and install wiper, plenum chamber cover, lock carrier cover	1901 0799	60 TU
<b>Diagnostic Time:</b>	GFF	0150 0000	Time stated on diagnostic protocol (Max 10 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)		
<b>Claim Comment:</b>	As per TSB #2046971/1		

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.



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## Required Parts and Tools

Part Number	Part Description	Quantity
4H0 122 063 A	Hose with check valve	1
N 906 867 01	Spring clip	1
G 013A8J1G	Coolant additive	1

Tool Number	Tool Description
VAS6096	Cooling System Charging Unit
VAG 1974/8	Adapter
VAG 1978/10	Adapter

## Additional Information

All parts and service references provided in this TSB (2046971) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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