

# Technical Service Bulletin



## 19 Coolant reservoir appears to be leaking

19 10 07 2009959/5 June 18, 2010. Supersedes Technical Service Bulletin Group 19 number 08-18 dated November 21, 2008 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
All Audi	2001 – 2006	All	Not Applicable

## Condition

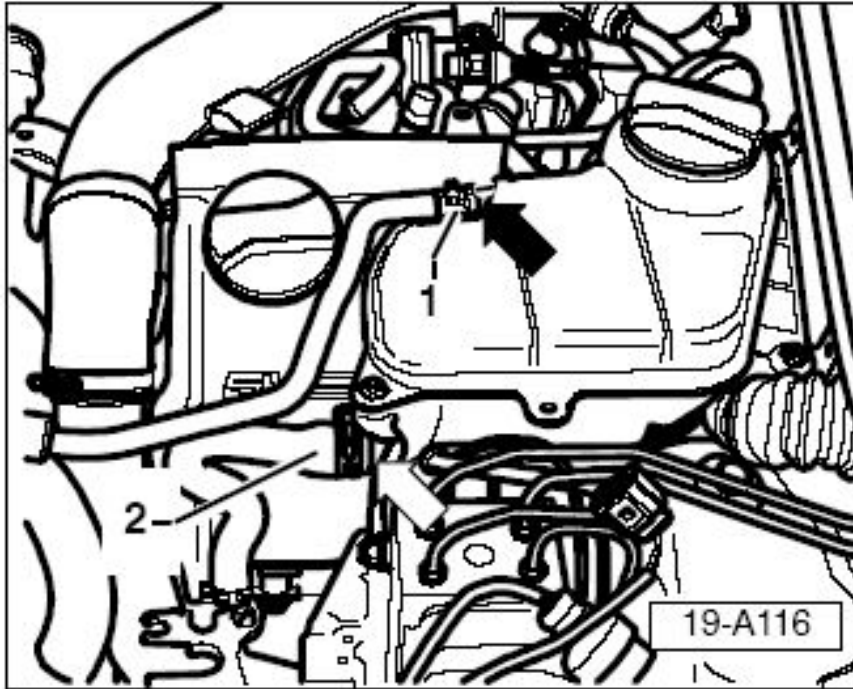
REVISION HISTORY		
Revision	Date	Purpose
5	-	Revised header data (Controlling TSB display in ElsaWeb)
4	11/1/2008	Revised Title to include Repair Group

The coolant reservoir is diagnosed to be leaking and intended to be replaced.

## Technical Background

May be caused by the coolant hose -1- between coolant reservoir and radiator or the coolant hose -2- between coolant reservoir and engine which may have internal cracks.

Internal cracks can cause coolant to get inside the coolant hose material and leak from connections to the coolant reservoir (arrows) due to the capillary effect.



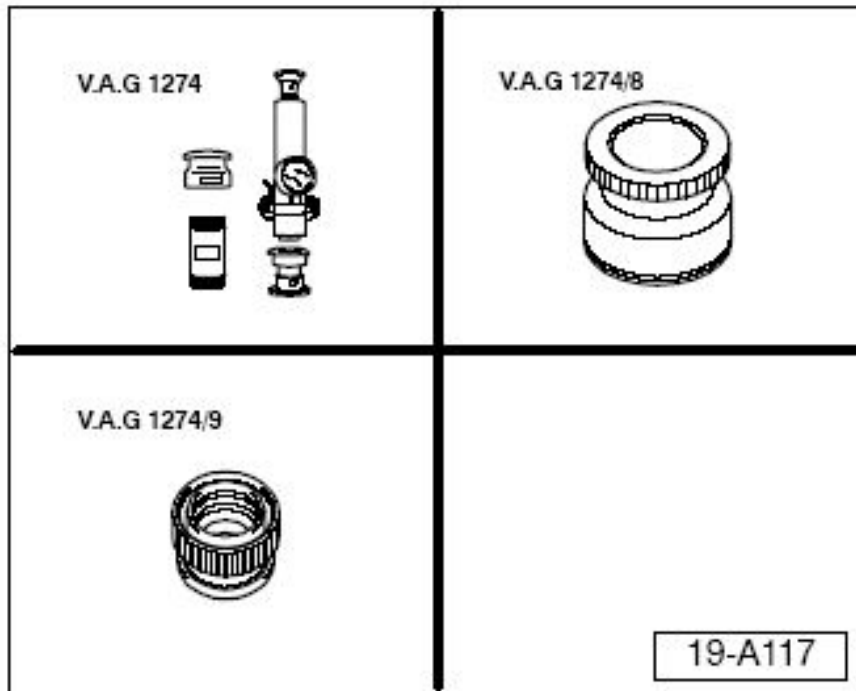
## Production Solution

N/A

## Service

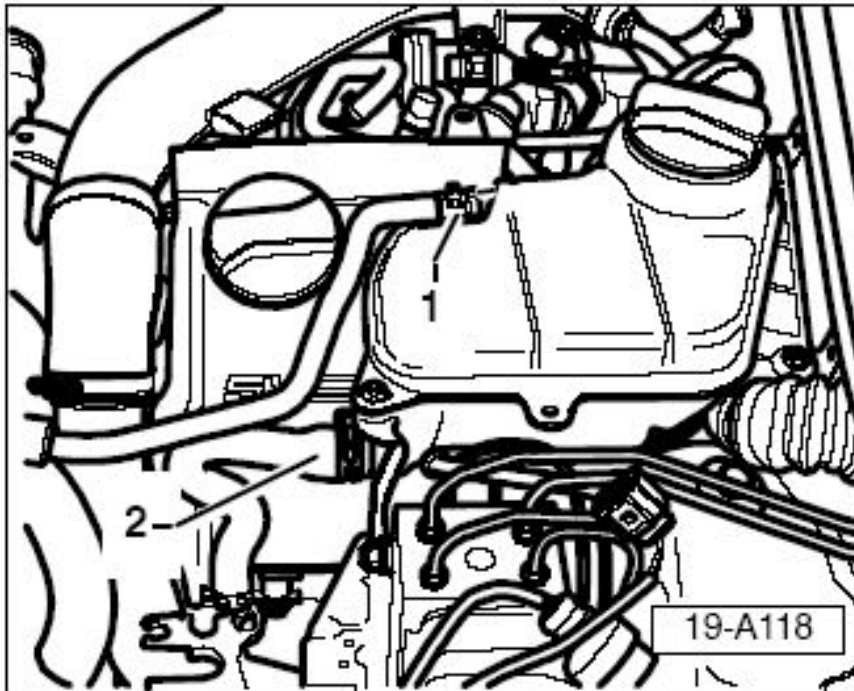
Tool Requirements:

- VAG1274 Cooling system tester
- VAG1274/8 Adapter
- VAG1274/9 Adapter



Before replacing coolant reservoir:

- Check if coolant hose -1- between coolant reservoir and radiator is leaking at connection to coolant reservoir.
- Replace that coolant hose if necessary.
- Run engine or drive vehicle until coolant reaches a temperature of 80°C (176°F).

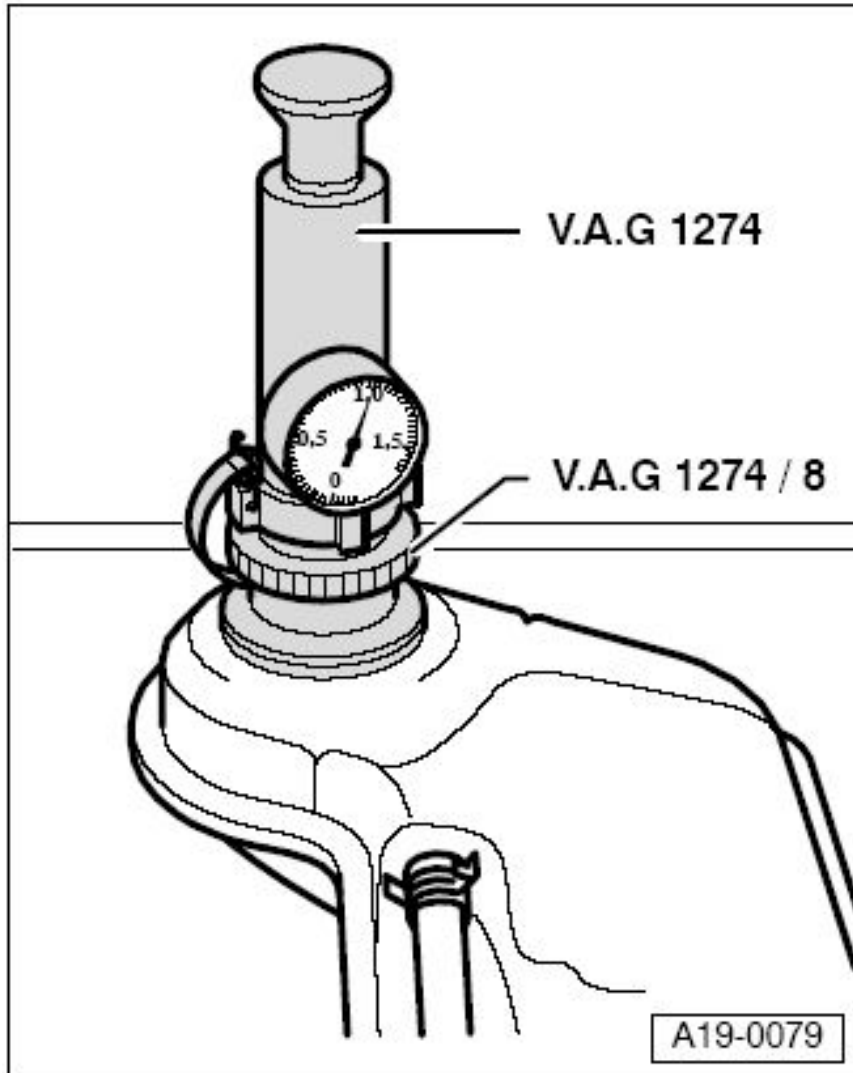


## Coolant reservoir, checking for Leaks:

- Remove filler cap on expansion tank.
- Install tester VAG 1274 and adapter VAG 1274/8 on expansion tank (see illustration).
- Build up a pressure of approximately 1.0 bar with hand pump on tester.

If this pressure is not maintained:

- Trace and repair leaks.
- Check if any coolant leak around coolant reservoir still exists.

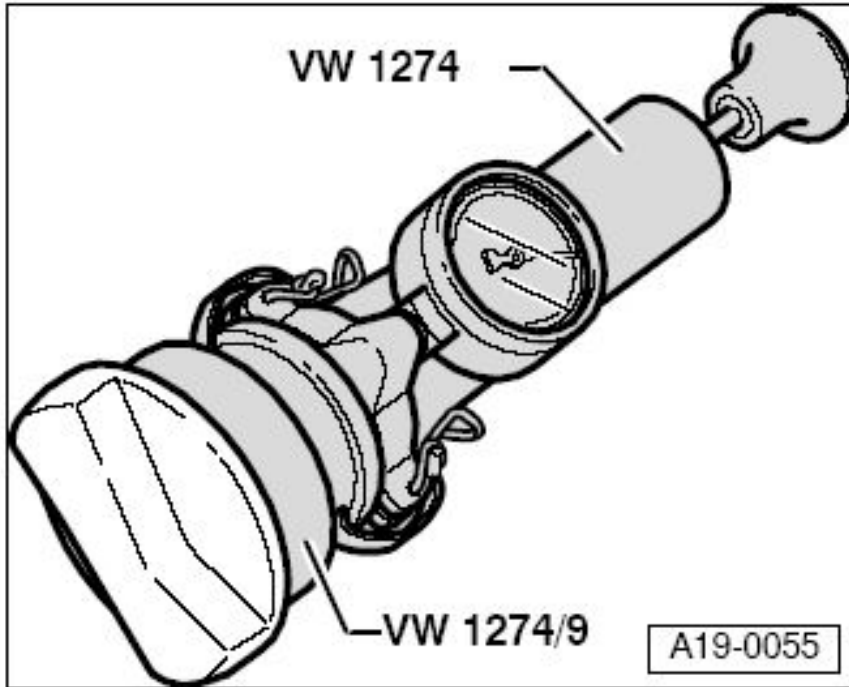


### Pressure relief valve in filler cap, checking:

- Screw filler cap onto tester with adapter VAG 1274/9.
- Install hand pump and build up pressure.
- Pressure relief valve should open at 1.4 to 1.6 bar.
- Replace filler cap if necessary.

DO NOT replace coolant reservoir if there is no further coolant leak around the coolant reservoir detected.

# Technical Service Bulletin



## Warranty

<b>Claim Type:</b>	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
<b>Service Number:</b>	1962 or 1940		
<b>Damage Code:</b>	Use applicable damage code for part replacement		
<b>Labor Operations:</b>	Use applicable labor operation for part replaced	XXXX XXXX	XX TU
<b>Diagnostic Time:</b>	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)		
<b>Claim Comment:</b>	As per TSB #2009959/5		

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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## Additional Information

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