

80 Temperature different between front driver and passenger sides

Release date: Dec 5, 2008

Condition

REVISION HISTORY		
Revision	Date	Purpose
5	-	Revised Title to include Repair Group

- With the same temperature settings, different temperature air comes from the outlet vents on the driver side and passenger side. The outside outlet vents release warm air, and the inside outlet vents release cool air.
- Insufficient cooling from climate system.

Technical Background

- Debris remaining inside the engine block during production blocks the pump valve unit. As a result, one valve can stay permanently open, allowing warm coolant to flow into one of the heat exchangers.
- Electrical connector not sealed completely or pin is pressed out.
- Outside temperature sensor G17 shows incorrect value.
- Pump valve unit is faulty.

Production Solution

- The engine blocks are cleaned of debris in a high pressure washing system.
- Extensive checks at the supplier.
- Outside temperature sensor improved. Improved sensors have a green, yellow or blue dot.

- Improved pump valve unit.

#### Service

1. Turn both sides on Low. If the temperatures on the driver and passenger side do not clearly drop to a reasonably equal temperature (one side is warmer than the other), a valve in the pump valve unit is blocked. Replace the pump valve unit.
2. Check the electrical connector on the pump valve unit in the plenum chamber (Figure 1). Seat the plug correctly, or repair the pin with the repair case VAS 1978A.



Figure 1. A pressed-out pin.

3. If VIN is between 4F\_5N065500 and 4F\_6N026537 complete the procedure in TSB 2010148, Outside temperature display too low, air conditioning undefined.
4. Turn both sides on Low. If the temperatures on the driver and passenger side are hot and remain so, cycle the ignition key off, then on. If the condition is corrected merely from the key cycle, replace the pump valve unit with part number 4F1 959 617B.



Tip: Do not replace the display and operating unit for the climate control system as this will not resolve this condition.

#### Warranty

When procedure applies to vehicles under warranty, use the following:

SAGA

Claim Type:	110		
Service Number:	8036		
Damage Code:	0010		
Labor Operations: Service, Step 1 or 4	80 36 19 00	Pump valve unit remove and reinstall	70 TU
Labor Operations: Service, Step 2	85 22 19 00	Remove and install cover	20 TU
	87 16 41 99	Repair wiring for air-conditioning control	30 TU
Diagnostic Time:	Diagnostic time reimbursement follows guidelines printed in Section 2.2 of the Audi Warranty Policies and Procedures Manual		
Claim Comment:	As per TSB #2013853/5		
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.			

Required Parts and Tools

Part Number	Part Description	Quantity
4F1 959 617 B	Valve Unit	1
4F1 998 617	Set of mounting parts	1

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.

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