

**Audi**Please give copies to
all your Audi Technicians

Technical Bulletin

Subject: Climate System, May Not Cool Sufficiently**Group: 90****Number: 05-01****Model(s): A8, A6, A4, A3,
A4, S4 Cabriolet****See VIN table Below****Date: July 12, 2005**

Condition

Outside temperature display shows intermittently too low values, undefined cooling or heating of the air conditioning.

May be caused by:

- Insulating deposit (oil film) on contacts of the Outside Air Temperature Sensor -G17- .
- Poor crimping of sensor connections on plug pins in the Outside Air Temperature Sensor -G17-.

Production

- ◆ Optimized Outside Air Temperature Sensor -G17- (washed contacts and optimized crimp connection) from 06.05.
- ◆ Optimized sensors are identified with a green dot.

Model	From VIN:	UP To VIN:
A8	4E_4N 000000	4E_6N 004672
A6	4F_5N 000000	4F_6N 026534
A4	8E_2A 000000	8E_6A 013062
A3	8P_6A 000000	8P_6A 009145
Cabriolet	8H_3K 000000	8H_6K 100000
S4 Cabriolet	8H_4K 000000	8H_6K 999999



Important!

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Service

If there is no disruption in the wiring to the Outside Air Temperature Sensor -G17- (check according to the current flow diagram) and the measured value block for the Outside Air Temperature Sensor -G17- (for A8, A4, A3: MVB 2, 4th value. For A6: MVB 4, 2nd value) clearly shows a value which is too low:

- Replace the outside temperature sensor.
- Test drive the vehicle for a minimum of 0.5 miles, then recheck temperature for proper values.



Tip:

Because of jolting or thermal expansion the disruption of the outside temperature sensor signal may only be temporary.

Replacement of the dash insert or the air conditioning components is not permitted (replaced parts may be denied).

Parts information:

Parts department only supplies optimized sensors with a green dot.

When procedure applies to vehicles within the New Vehicle Limited Warranty, use the following:	
Claim Type:	W2
Part Identifier:	9041
Damage Code:	9041 40 CP4 2
Labor Operation:	Use Existing Labor Operations
Diagnostic Time:	Use Existing Guided Fault Finding
Claim Comment: Type "As per Technical Bulletin A900501" in comment section of Warranty Claim	