

## Technical Service Bulletin

<b>Topic</b>	97 Air conditioner does not cool the interior
<b>Market area</b>	United States 444 Volkswagen of America, Inc. (6444)
<b>Brand</b>	Audi
<b>Transaction No.</b>	2079080/1
<b>Level</b>	EH
<b>Status</b>	Released for publishing
<b>Release date</b>	Aug 27, 2025

### Diagnostic trouble codes

Diagnostic address	Diagnostic trouble code	Fault symptom	Storage state
0008 - HVAC electronics	B148812: A/C clutch Short circuit to B+		Intermittent
00C5 - Thermal management	B148812: A/C clutch Short circuit to B+		Intermittent
0008 - HVAC electronics	B148815: A/C clutch open circuit/short circuit to B+		Intermittent
00C5 - Thermal management	B148815: A/C clutch open circuit/short circuit to B+		Intermittent

### New customer code

Object of complaint	Complaint type	Position
climate control -> heating, cooling -> climate control unit cooling output	functionality -> no function	

## Vehicle data

### Audi Q5

#### Sales types

Type	MY	Brand	Designation	Engine code	Gearbox code	Final drive code
GU*	2025	A		DXCA	*	*

## Documents

Document name
<a href="#">master.xml</a>



Connection offline

## Technical Service Bulletin

97 Air conditioner does not cool the interior

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## Condition

### Customer states:

The air conditioning does not cool the interior.

### Workshop findings:

The following event memory entries are logged (passive/intermittent) in the thermal management control unit (diagnostic address 005C) and/or in the control unit for air conditioner and heater electronics (diagnostic address 0008):

- **B148812** - A/C clutch short circuit to B+.
- **B148815** - A/C clutch open/short circuit to B+.

## Technical Background

On vehicles manufactured within a specific period, the wiring for N280 (brown connector for N25) (air conditioning system magnetic clutch) is too short.

## Production Solution

Longer wiring has been in use since July 17, 2025.

## Service

The complaint can be reproduced. A discrepancy is found at the wire leading to the brown connector (N25) on N280.

Repair the damaged wire using wiring harness repair set VAS 1978 B/C.

Place the crimp connector in the position marked with the red arrow (refer to Figure 1).



*Figure 1. The position for the crimp connector is marked with the red arrow.*



The length of the wire between the cable tie and the brown connector (yellow arrow in Figure 1) **must be 60mm** (refer to Figure 2). This ensures that the wire is not too short again.

Wrap the repaired wire in fabric adhesive tape N10649702 almost as far as the connector so that it overlaps (refer to Figure 2).

Wrap the fabric adhesive tape at least 2.5 times underneath the area of the cable tie of the omega clip to ensure the wire can be secured in the cable tie.



*Figure 2. Connector in its repaired state.*

When billing, please always attach photos that clearly show the complaint to DOC-IT. To ensure a reference to the vehicle, the image/video must:

- Include the VIN and date.
- Must not be edited.
- Should be in focus and taken with sufficient light. A high resolution is not necessary.

If appropriate, please mark the location of the problem so that parts analysis has a clear reference to the complaint. Please ensure that the photo documentation does not show any people and/or face, license plates, or customer data.

## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"> <li>• If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.</li> </ul>		
<b>Service Number:</b>	9712		
<b>Damage Code:</b>	0029		
<b>Labor Operations:</b>	Remove and install noise insulation	1082 1900	See SRT with associated operations
	Repair wiring harness	9709 4151	See SRT with associated operations
	Modify wiring harness	9712 4199	5 TU
	GFF / Guided Functions	0150 0060	Labor according to the diagnostic log
<b>Claim Comment:</b>	As per TSB 2079080/1		

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.

## Required Parts and Tools

Designation	Part number	Quantity
Fabric tape	N10649702	0.3
Omega clip	N10760401	1
Crimp connector	000979940	1
Wire	000979025EC	1

## Additional Information

All parts and service references provided in this TSB (**2079080**) are subject to change and/or removal.

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