



Technical Service Bulletin

87 Air conditioning does not cool

87 22 30 2067716/1 August 2, 2022.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
All Audi Models	2020 – 2024	All	Not Applicable

Condition

Customer states:

- The air conditioning system in the vehicle cools insufficiently or does not cool at all.
- The AC button is flashing.

Workshop findings:

The refrigerant circuit is very low or empty of refrigerant. A refrigerant leak diagnosis finds a leak at any refrigerant component connection that employs an o-ring seal. A faulty o-ring seal is determined as the root cause and replaced.

Technical Background

When an o-ring is found as the root cause of a refrigerant leak and subsequently replaced, it is not possible to track the location of the leak by the part number of the replaced o-ring. Many of the o-rings in the refrigerant circuit are used in several different locations. More specific documentation is necessary in an attempt to track a possible product quality issue.

Production Solution

Not applicable.



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Service

When replacing an o-ring seal anywhere in the refrigerant circuit in the course of repairing a refrigerant circuit leak:

- Ensure that the exact location of the o-ring seal being replaced is specifically documented in the warranty claim notes in SAGA.
- Document the refrigerant component connection being repaired in a photo/video that clearly shows the location of the connection being repaired; upload this documentation to Doc-IT.

Warranty

This TSB is informational only and not applicable to any Audi warranty.

Additional Information

The following Technical Service Bulletin(s) will be necessary to complete this procedure:

- TSB 2064077, *87 Air conditioning refrigerant circuit diagnostic method using calibration gas.*

All part and service references provided in this TSB (**2067716**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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