



Technical Service Bulletin

87 A/C does not cool - A/C compressor is seized

87 19 96 2056100/1 September 5, 2019.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6 and A7	2019 – 2020	All	Not Applicable

Condition

Customer states:

- The air conditioning does not cool.

Workshop findings:

The following DTC is stored in the vehicle electrical system control module (BCM), J519 (address word 0009).

- **DTC B148815** (A/C clutch Open circuit/short circuit to B+).

Technical Background

Diagnosis finds that the air conditioning compressor and/or the air conditioning compressor pulley is extremely difficult to rotate or is seized.

Production Solution

Not applicable.

Service

If the vehicle for which this TSB appears presents with the symptom noted above with a root cause of a seized compressor and /or pulley please document the following:



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1. Specifically identify the failure as either a seized A/C compressor, a seized pulley/clutch or both by attempting to turn either by hand. Note the type of failure.



Figure 1. A/C compressor.

2. When the refrigerant circuit is evacuated please document the amount of refrigerant evacuated from the circuit as well as the amount of oil extracted from the circuit from the service machine. Note these amounts.
3. For the compressor replacement procedure please immediately cap off the original compressor using the caps supplied with the replacement. Allow no oil or debris to escape the original compressor. It will be requested for return.
4. The refrigerant circuit will need to be completely flushed. An additional amount of oil will be flushed and contained in the procedure. Note this additional amount of oil extracted.
5. A TAC contact is not mandatory at this time. Instead please provide to your warranty administrator the following for entry into the claim comments:
 - Type of A/C compressor failure.
 - Total amount of refrigerant extracted from the refrigerant circuit.
 - Total amount of oil extracted from the refrigerant circuit.

Warranty

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



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Additional Information

All part and service references provided in this TSB (2056100) 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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