



# Technical Service Bulletin

## 19 Cooling system: radiator fan control P048000/P048100

19 24 67 2075348/1 September 23, 2024.

| Model(s)                                                                                                                                 | Year        | VIN Range | Vehicle-Specific Equipment |
|------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------|----------------------------|
| A4, S4, A5<br>Sportback, S5,<br>S5 Cabriolet, S5<br>Sportback, Q5,<br>Q5 Sportback,<br>SQ5, SQ5<br>Sportback, Q7,<br>SQ7, Q8, and<br>SQ8 | 2021 – 2024 | All       | Not Applicable             |

### Condition

#### Customer statement:

- The customer complains that the exhaust emissions warning lamp lights up, or the warning lamp for coolant temperature/ low coolant level lights up.

#### and/or

- Fan runs continuously.

#### Workshop findings:

The fan(s) run(s) “constantly”.

The following DTC or DTCs, and symptom code(s) is/are logged in the *Engine Control Unit -J623-*, (address word 0001):

- P048000** Cooling Fan 1 Control Circuit

#### and/or (depending on equipment)

- P048100** Cooling Fan 2 Control Circuit

### Technical Background 1

In very rare cases, an open circuit in the wiring may occur. As a result, the radiator fan may be identified as a component that potentially causes damage.

### Production Solution

Not applicable.



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## Service

If the workshop findings above are confirmed, proceed as follows:

- Switch on ignition so that main relay is activated.
- Unplug the connector to the fan and check the voltage supply on the control wire 87 while it is under load.

If this is okay,

- The ignition can be switched off.
- Check the PWM wire for an open circuit between the connector from the engine control unit and the connector from the fan.

If this is okay, please perform Guided Fault Finding.

## Warranty

|                          |                                                                                                     |           |                                        |
|--------------------------|-----------------------------------------------------------------------------------------------------|-----------|----------------------------------------|
| <b>Claim Type:</b>       | • If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only. |           |                                        |
| <b>Service Number:</b>   | 9713                                                                                                |           |                                        |
| <b>Damage Code:</b>      | 0015                                                                                                |           |                                        |
| <b>Labor Operations:</b> | Check electric fan                                                                                  | 1908 0199 | Bill according to time required        |
|                          | Check engine wiring harness (if required)                                                           | 9713 0199 | Bill according to time required        |
|                          | Repair wiring harness (depending on number of wires)                                                | 9709 41xx | See SRT with associated operations     |
|                          | GFF                                                                                                 | 0150 0060 | Time stated on the diagnostic protocol |
| <b>Claim Comment:</b>    | As per TSB 2075343/1                                                                                |           |                                        |

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.

## Additional Information

All part and service references provided in this TSB (**2075348**) 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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