



# Technical Service Bulletin

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**97 Message "Drive system: fault. Limited performance" DTC P048000, P048100, U063300, P069400**  
97 23 03 2072000/1 November 17, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7, SQ7, Q8, SQ8, and RS Q8	2020 – 2024	All	Not Applicable

## Condition

### Customer states:

At least one of the following messages appears in the instrument cluster:

- **"Drive system: fault. Limited performance"**
- AND/OR
- **"Maximum engine speed 2000 RPM"**

### Workshop findings:

One or more of the following DTCs (intermittent or static) are stored in the engine control unit J623 (Address word 0001):

- **DTC U063200:** Lost Communication With Fan 1
- **DTC U063300:** Lost Communication With Fan 2
- **DTC P069200:** Cooling Fan 1 Control Circuit High
- **DTC P069400:** Cooling Fan 2 Control Circuit High
- **DTC P069100:** Cooling Fan 1 Control Circuit Low
- **DTC P069300:** Cooling Fan 2 Control Circuit Low
- **DTC P048000:** Cooling Fan 1 Control Circuit
- **DTC P048100:** Cooling Fan 2 Control Circuit
- **DTC P10EFA00:** Function limitation due to radiator fan failure

## Technical Background

The wiring harness for the radiator fans may be loose at an attachment point and chafe against adjacent components.

## Production Solution

Optimized routing in production.



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## Service

Check the wiring harness for the radiator fans in the vicinity of the front right longitudinal member.

1. If the wiring harness is damaged in the area circled in red (refer to photo), repair it using wiring harness repair set **VAS 1978 B/C**.
2. Then secure the wiring harness at the lower longitudinal member (green arrow Figure 1).
3. Ensure there is sufficient clearance so that the wiring harness does not contact other components.



**Figure 1:** Secure fan harness to green arrow



**The wiring harness must be secured at the smaller hole on the right as the clip will not hold permanently in the larger hole on the left.**

## Warranty

<b>Claim Type:</b>	110 Up to 48 Months/50,000 Miles. G10 for CPO Covered Vehicles – Verify Owner. If the vehicle is outside of any warranty, this Technical Service Bulletin is informational only.		
<b>Service Number:</b>	9713		
<b>Damage Code:</b>	0025		
<b>Labor Operations:</b>	Remove and install noise insulation	1082 1900	See SRT with associated operations
	Repair wiring harness (depending on number of wires)	9709 41 xx	See SRT with associated operations
	Modify wiring harness	9709 4999	10 TU
<b>Diagnostic Time:</b>	GFF	0150 0060	Time stated on the diagnostic protocol (Max 60 TU)



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	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	No allowance	0 TU
<b>Claim Comment:</b>	As per TSB 2072000/1		

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

Tool Number	Tool Description
VAS 1978 B	Wire harness repair set

## Additional Information

All part and service references provided in this TSB (**2072000**) 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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