



Technical Service Bulletin

97 Radiator fans, alarm, wipers not working: P048000, P048100, U063200, U063300, U10F300, U10A300, P10EF00

97 24 07 2073305/1 March 9, 2024.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7	2017 - 2023	All	Not Applicable
SQ7	2020 - 2023		

Condition

Customer statement:

The radiator fans run constantly.

OR

The windshield wipers do not work.

Workshop findings:

One or more of the following DTCs may be logged as static or intermittent in the following control units:

Engine electronics J623 (address word 0001):

P048000 Cooling Fan 1 Control Circuit

P048100 Cooling Fan 2 Control Circuit

P10EF00 Function limitation due to radiator fan failure

U063200 Lost Communication With Fan 1

U063300 Lost Communication With Fan 2

Electronic central electrics J519 (address word 0009):

U10A300 Wiper Motor Control Module, no communication

Comfort module J393 (address word 0046):

U10F300: Alarm horn for anti-theft warning system no communication

Technical Background

On vehicles manufactured within a specific period, wire damage/chaffing may occur on circuits routed through the plenum chamber. Sometimes, this damage may only be visible under the harness wrapping.



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Production Solution

Optimized process.

Service

NOTICE

In rare cases, only a LIN DTC may be present for an affected circuit. This TSB applies if the affected system has a LIN wire which is routed through the plenum chamber.

1. Check the affected circuit for high resistance, open circuits, and short circuits using a DVOM.
2. Moving/flexing the wiring harness throughout the plenum chamber will aid in locating the area of concern.
3. Repair affected wires using wiring harness repair set VAS1978.



Figure 1. No external damage to the wiring harness can be seen.



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4. Wrap the repaired wiring harness using fabric adhesive tape **N 10592002**.

If the wire strands are not clean and shining, the wire **MUST** be cut back and lengthened as needed.

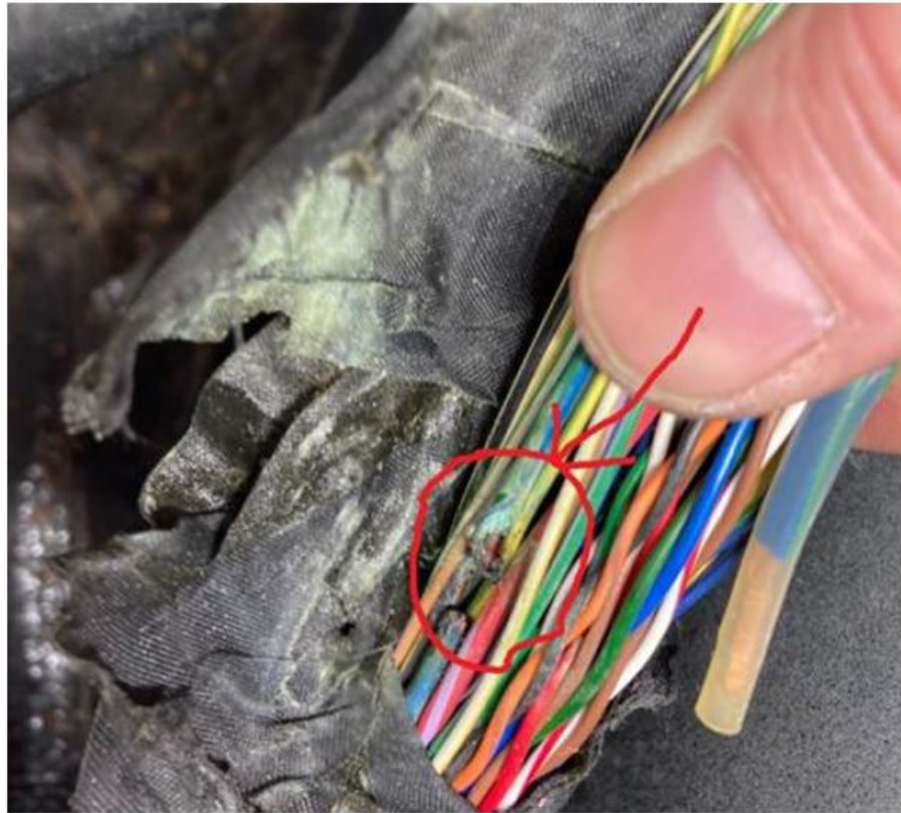


Figure 2. The damaged wire is only visible once the wrapping has been removed.

Warranty

Claim Type:	• 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.		
Service Number:	9713		
Damage Code:	0015		
Labor Operations:	Remove and install cowl panel trim	6644 1900	See SRT with associated operations
	Check wiring harness	9709 0199	See SRT with associated operations



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	Repair wiring harness (depending on number of defective wires)	9709 41xx	See SRT with associated operations
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 50 TU)
	Road test prior to the service procedure	No allowance	0 TU
	Road test after the service procedure	No allowance	0 TU
Claim Comment:	As per TSB 2073305/1		

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

Always check with your Parts Department and/or ETKA for the latest information and parts bulletins.		
Part Number	Part Description	Quantity
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA
N 10592002	Cloth adhesive tape	.1

Tool Number	Tool Description
VAS 1978 B	Wire harness repair set
VAS 6160/VAS 6150	VAS tester with the current version of ODIS (Windows 10)

Additional Information

All parts and service references provided in this TSB (**2073305**) are subject to change and/or removal.

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