



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.

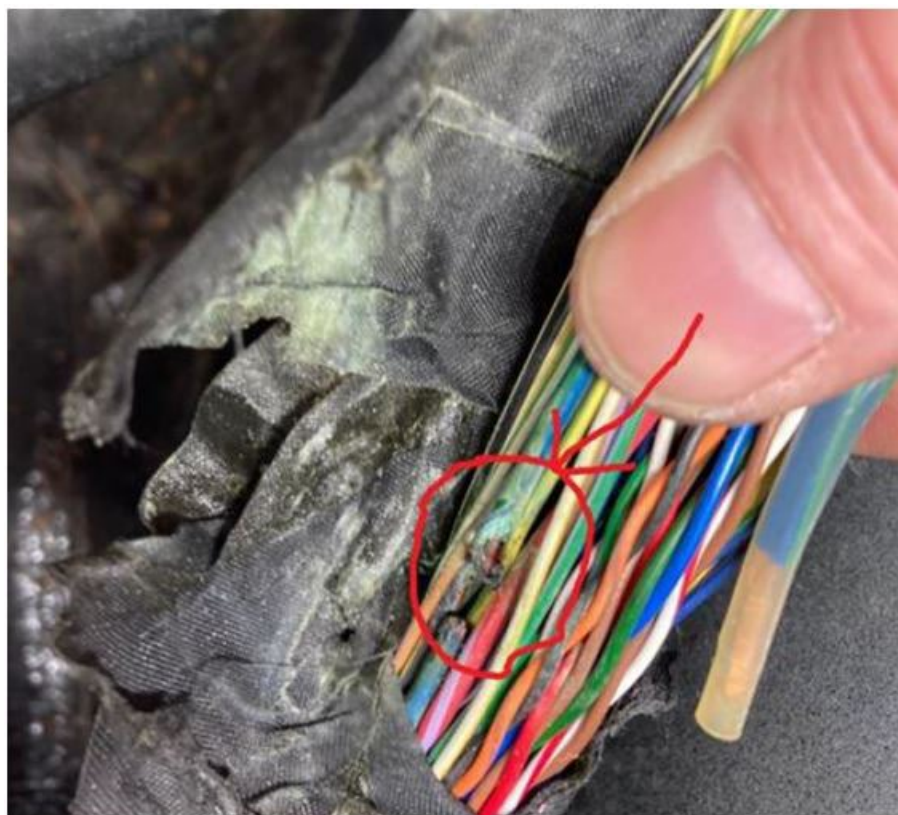


Figure 2. The damaged wire is only visible once the wrapping has been removed.

Warranty

Claim Type:	<ul style="list-style-type: none">• 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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