

57 Rear window defogger is non-operational

57 20 65 2058452/1 February 12, 2020.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4, A5, Q7, Q8, and Audi e-tron quattro	2019 - 2020	All	Not Applicable

Condition

Customer states:

• The rear window defog button will light up for a second when pressed, then immediately turn off.

Workshop findings:

• No DTCs are stored.

Technical Background

The control module is locked in a loop and needs to be reset.

Production Solution

Software is in preparation.

Service

1. Try to reproduce the customer's concern. If the concern cannot be duplicated, then this TSB does not apply.

Tip: For the rear window defog feature to operate, ambient temperature must be less than 95°F (35°C) and the engine is running.

2. With ODIS perform the rear window defog output test, located in the comfort system central control module, J393 (address word 0046). Make sure the output test runs for at least 30 seconds.

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3. Right click on the 0046 Control Module and select "Guided Functions".

0046	0	<u></u>
0047	0	Measurement
0048	0	Identify control module
0051	0	Select version
0051	0	Check DTC memory
0052	0	Read all DTC memories
0057	0	Guided Functions
005B	0	Control module OBD
005F	0	Vehicle OBD

Figure 1. Selecting Guided Functions.

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4. In Guided Functions for the 0046 Control Module select the "Output diagnostic test mode (DTM)" and click "Perform".

🔁 Guided Functions	_∎	Х	
Central Module Comfort System			
0046 - Adaptation 0046 - Central locking basic setting 0046 - Comfort system central control module, component prot 0046 - DTC memory, check/erase 0046 - Identification 0046 - Key search in vehicle areas	ection		
0046 - Output diagnostic test mode (DTM) 0046 - Read Measuring Values 0046 - Replace control module 0046 - SVM - Check control module configuration G578 - Anti-Theft Alarm System Sensor, checking G578-Anti-theft alarm system sensor, adapting J1169 - Close Range Communication Control Module, replacing J1170 - Close Range Communication Control Module 2, checking J1170 - Close Range Communication Control Module 2, checking J1170 - Close Range Communication Control Module 2, replace J938 - Rear Lid Opener Control Module, replace	g configuration g ng configuratio ing i	configuration (configuration	
F	Perform Car	ncel	

Figure 2. Select the Output diagnostic test mode (DTM).

5. In the output DTM test plan, located the rear window defogger and click the applicable button. Allow the test to run for 30 seconds before ending.

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J393-Comfort System Central CM, output DTM	-1-
Function selection	-2-
What function do you want to perform?	- 3 -
1. Arming anti-theft warning system 2. Horn for anti-theft warning system	- 4 -
Actuators for components:	-5-
4. Rear window defogger	- 6 -
6. Rear spoiler 7. Rear shades	- 7 -
8. Further output diagnostic tests	- 8 -
The execution of the actuators depends on the installation status of the vehicle.	

Figure 3. Select the appropriate button and allow test to run for 30 seconds before ending.

- 6. After completion of the output test, recheck the function of the rear window defog button.
- 7. If the defog button fails to operate properly, continue diagnostics outside of this TSB.
- 8. Performing the output test will create DTCs in the comfort system central control module, J393 (address word 0046). Make sure to clear DTCs from the comfort system central control module before performing further diagnostics.

Warranty

Claim Type:	 110 up to 48 Months/50,000 Miles. 					
	G10 for CPO Covered Vehicles – Verify Owner.					
	 If the vehicle is outside any warranty, this Technical Service Bulletin is informational only. 					
Service Number:	5789					
Damage Code:	0039					
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 60 TU)			
	Road test prior to the service procedure	No allowance	0 TU			
	Road test after the service procedure	No allowance	0 TU			

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Claim Comment: As per TSB #2058452/1

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 (2058452) 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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