



Technical Service Bulletin

94 Rear lights do not switch from bumper to hatchgate after closing

94 21 47 2050234/5 September 22, 2021. Supersedes Technical Service Bulletin Group 94 number 18-96 dated January 30, 2018 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q5	2018 - 2023	All	Not Applicable
Q5 sportback	2022 - 2023	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
5	-	Revised header (Added Model Years 2021 – 2023 and updated Elsa display) Revised <i>Warranty</i> (Updated SRT)
4	04/21/2020	Revised header (Added Model Years 2020 - 2021) Revised <i>Production Solution</i> (Solution modified) Revised <i>Service</i> (Service procedure modified) Revised <i>Warranty</i> (Additional repair option SRT)
3	02/07/2019	Revised header (Added Model Year 2019 with VIN break) Revised <i>Production Solution</i> (Solution specified) Revised <i>Service</i> (Description of solution) Revised <i>Warranty</i> (Removed temporary solution) Revised <i>Required Parts and Tools</i> (Remove 'if necessary' statement)

Customer states:

- The brake light warning is on in the instrument cluster.
- When the rear lid is closed, the lights in the rear bumper do not switch over to the main lights on the rear lid.
- All of the rear light bulbs are fully functional. None are found to be faulty or incorrect.

Workshop findings:

The following DTC may be stored in the comfort system central control module, J393 (address 0046):

- **DTC B146C29** (Rear lid -closed- sensor implausible signal).



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Technical Background

When opening the rear lid on the Q5 the rear lighting changes from the rear lid to the bumper and when closing the rear lid the lighting changes back to the rear lid.

The two micro switches for the reverse light change-over are under the loading sill cover on the rear cross panel and are secured to the striker for the rear lid lock (Figure 1).

The following problems can occur:

1. The paddle on the micro switch was broken due to the adjustment of the rear hatch or the striker in production.
2. Dirt can block one/both paddles on the micro switch, which is fastened to the striker of the rear lid (Figure 2).



Figure 1. Rear lid closed sensor.



Figure 2. Debris trapped in the rear lid closed sensor.



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Production Solution

1. The adjustment of rear hatch has been optimized.
2. The rear lid closed sensor assembly with an additional enclosure to protect the switches from debris ingress is now installed. This improves the debris resistance of the switches but cannot eliminate it entirely.

Service

3. Replace the rear lid closed sensor if found broken (Figure 1).
4. If debris is found to be obstructing proper switch activation/deactivation, activate the switch paddles using your fingers and remove the debris. Using compressed air is effective.
5. Then check the measuring values for the G525 and G526 switches and replace the rear lid closed sensor if the malfunction persists. Only the improved rear lid closed sensor with the protective enclosure is available.

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 any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9661		
Damage Code:	0015		
Labor Operations:	Lock carrier cover remove + reinstall	7039 1900	See SRT with associated operations
	Rear Lid Closed Sensor G525/G526 replacement	9661 1950	See SRT with associated operations
	Or		
	Rear Lid Closed Sensor G525/G526 - repair	9661 1999	30 TU
Diagnostic Time:	GFF	0150 0000	20 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU



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Claim Comment:	As per TSB #2050234/5
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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	Rear Lid Closed Sensor	01
See ETKA	Fasteners, Bolts, Nuts, and Screws as needed per the Repair Manual	See ETKA/ELSA

Additional Information

All parts and service references provided in this TSB (2050234) are subject to change and/or removal.

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