



Technical Service Bulletin

94 Rear lights do not switch from bumper to hatchgate

94 24 71 2050073/2 February 14, 2024. Supersedes Technical Service Bulletin Group 94 number 18-95 dated January 19, 2018 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q3	2015 - 2018	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
2	-	Revised <i>Warranty</i> (Corrected SRTs)
1	01/19/2018	Initial publication

Customer states:

- When the rear lid is closed, the lights in the rear bumper do not switch over to the main lights on the rear lid. The lamp clusters in the bumper, while fully functional, do not switch from the bumper lamp clusters to the rear lid lamp clusters.
- 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 vehicle electrical system control module, J519 (address word 0009):

- **VAG 02914** (Rear lid closed sensor 1 – Electrical error in circuit).



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Figure 1 shows the rear lamp operation with the rear lid closed.



Figure 1. Rear lamp operation with rear lid closed.

Figure 2 shows the rear lamp operation with the rear lid open.



Figure 2. Rear lamp operation with rear lid open.

Technical Background

The root cause of this problem may be due to a signal malfunction from the G525 hall sensor. This sensor is located in the rear lock carrier trim.

One or more of the following could be the cause of the malfunction:



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A hall sensor or sensor induction plate is faulty or improperly mounted or broken away from the trim.

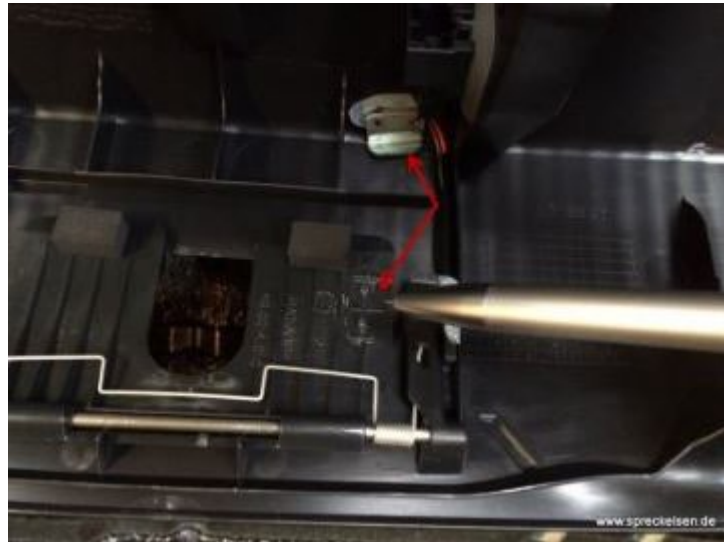


Figure 3. Broken induction plate.



Figure 4. Loose G525 hall sensor.



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The latch entry cover on the rear lock carrier trim is broken.



Figure 5. Damaged latch entry cover.

The air gap between the G525 hall sensor and the induction plate exceeds 1.6 mm



Figure 6. Excessive hall sensor to induction plate air gap.

Production Solution

- Strengthened rear lock carrier trim with additional support for the hall sensor and induction plate mounting.
- Air gap between hall sensor and induction plate reduced to 1.4 mm.


Service



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Monitoring the measured values will confirm the G525 hall sensor as the root cause. If this is the case remove the rear lock carrier trim and carefully inspect the latch entry door operation, hall sensor mounting, and induction plate mounting. If the rear lock carrier trim is damaged causing a loose or compromised fit of components it will need to be replaced.

The G525 rear lid closed sensor is available as a separate replacement part if found to be faulty. The rear lock carrier trim need not be replaced in cases where no damage to the trim is found.

 NOTICE
<p>Rear lock carrier trim including the latch entry found to be damaged due to outside influence will not be reimbursed under warranty.</p>

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 vehicle is outside any warranty, this Technical Service Bulletin is informational only. 		
Service Number:	9661		
Damage Code:	0040		
Labor Operations:	Lock carrier cover remove and reinstall	7039 1900	See SRT with associated operations
	Lock carrier cover inspect	7039 0199	10 TU
	Rear lid closed sensor remove and reinstall	9661 1950	See SRT with associated operations
Diagnostic Time:	GFF	0150 0000	Time stated on diagnostic protocol (Max 30 TU)
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
Claim Comment:	As per TSB 2050073/2		

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.



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Required Parts and Tools

Part Number	Part Description	Quantity
8U0 947 555	Sensor for boot lid	1
8U0 864 483 X XXX (Use the appropriate part number index and color code according to ETKA using the VIN of the subject vehicle)	Trim for rear cross panel	1

Additional Information

All parts and service references provided in this TSB (**2050073**) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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