



# Technical Service Bulletin

## 94 Rear lights do not switch from bumper to the hatchgate

94 21 48 2047618/5 September 22, 2021. Supersedes Technical Service Bulletin Group 94 number 20-23 dated April 20, 2020 for reasons listed below.

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

## Condition

Revision	Date	Purpose
5	-	Revised header (Added Model Years 2022 - 2023) Revised <i>Warranty</i> (Updated SRT)
4	04/20/2020	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> (Added table)

### 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 error message “Vehicle lights: malfunction! Please contact Service” intermittently appears in the driver information system (Figure 1).
- All of the rear light bulbs are fully functional. None are found to be faulty or incorrect.



**Figure 1.** Error message.

### Workshop Findings:

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



# Technical Service Bulletin

---

- **DTC B146C29** (Rear lid -closed- sensor Implausible signal)

## Technical Background

This condition may be caused by incomplete actuation of the rear lid closed sensor G525/G526 due to debris in the switch mechanism (Figure 2).



*Figure 2. Rear lid closed sensor.*

Mounted to the base of the rear lid striker is the G525/G526 rear lid closed sensor. Due to its position, debris that enters the striker housing can get caught in the switch mechanism and cause incomplete switch actuation (Figure 3).



*Figure 3. Debris in the rear lid closed sensor.*

## Production Solution

The rear lid closed sensor assembly which includes 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.



# Technical Service Bulletin

## Service

1. Press down the striker cover on the loading sill cover -A- (Figure 4).



*Figure 4. Striker cover opening.*

2. 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.  
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.



*Figure 5. Debris trapped in the rear lid closed sensor.*

## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"><li>• 110 up to 48 Months/50,000 Miles.</li><li>• G10 for CPO Covered Vehicles – Verify Owner.</li></ul>
--------------------	--



# Technical Service Bulletin

	<ul style="list-style-type: none"> <li>If the vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li> </ul>		
<b>Service Number:</b>	9661		
<b>Damage Code:</b>	0015		
<b>Labor Operations:</b>	Luggage compartment rear trim remove and reinstall	7006 1900	See SRT with associated operations
	Lock carrier cover remove and reinstall	7039 1950	See SRT with associated operations
	Rear Lid Closed Sensor G525/G526 replace	9661 1950	See SRT with associated operations
	<b>Or</b>		
	Rear Lid Closed Sensor G525/G526 – clear with compressed air	9661 1999	30 TU
<b>Diagnostic Time:</b>	GFF	0150 0000	20 TU
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
<b>Claim Comment:</b>	As per TSB #2047618/5		

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



# Technical Service Bulletin

---

## Additional Information

All parts and service references provided in this TSB (2047618) are subject to change and/or removal.

©2021 Audi of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites without the prior expressed written permission of the publisher.