



Technical Service Bulletin

94 Rear lights do not switch from bumper to hatchgate

94 20 23 2047618/4 April 20, 2020. Supersedes Technical Service Bulletin Group 94 number 19-03 dated February 7, 2019 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7	2017 - 2021	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
4	-	Revised header (Added MY 2020 and 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 MY 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)
2	11/01/2017	Revised header (Add MY 2018 Q7)

Customer may report:

- 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.



Technical Service Bulletin

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:	Luggage compartment rear trim remove and reinstall	7006 1900	See SRT
	Lock carrier cover remove and reinstall	7039 1950	See SRT
	Rear Lid Closed Sensor G525/G526 replace	9661 1950	See SRT
	Or		
	Rear Lid Closed Sensor G525/G526 – clear with compressed air	9661 9999	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
Claim Comment:	As per TSB #2047618/4		

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



Technical Service Bulletin

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 (2047618) are subject to change and/or removal.

©2020 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.