

Technical Service Bulletin



94 Rear lighting does not switch from bumper to lid (DTC 03073)

94 13 27 2033675/5 August 13, 2013. Supersedes Technical Service Bulletin Group 55 number 13-31 dated July 18, 2013 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q7	2007-2014	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
5	-	Overall bulletin revision for clarity
4	7/18/2013	Revised <i>Service</i> (Removed extra information)
3	7/12/2013	Revised header data (Removed model) Revised title Revised <i>Condition</i> (Removed extra information) Revised <i>Production Solution</i> (Added solution) Revised <i>Technical Background</i> (Clarified description) Revised <i>Service</i> (Added part) Revised <i>Required Parts and Tools</i> (Added part)
2	5/22/2013	Revised <i>Condition</i> (Corrected error in DTC number)
1	4/29/2013	Initial publication

- The customer may report that the tail lamp lighting does not switch over from bumper to the lid, with lid closed.
- The rear bumper lights function normally (brake lights, reverse lights, driving lights, turn signals).
- The center mount brake light functions normally.
- **DTC 03073** (Closed Rear Lid Sensor - Incorrect Signal) may be stored in the comfort system central control module, J393 (address word 46).

Technical Background

In order for the taillight lighting to switch between the rear lid and the bumper when the lid is operated, the paddle switches on the rear sill trim must contact the opposing lid latch points uniformly.

- Paddle switch G526 (Figure 1, 2) must contact lid latch point 1 (Figure 1, 1), as shown in the image at right.
- Paddle switch G525 (Figure 1, 4) must contact lid latch point 3 (Figure 1, 3), as shown in the image at right.

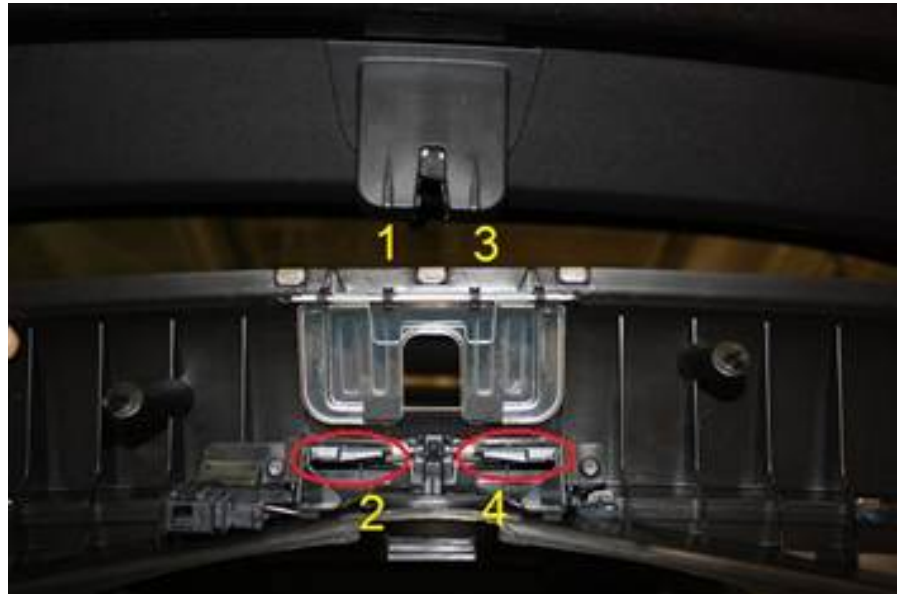


Figure 1. Inside vehicle view of rear lid latch showing location of G526 (2) and G525 (4) on rear sill trim, and contact points (1 and 3).

When the rear lid is opened, the paddle switches change state and the comfort system central control module 2, J773, will read G525 and G526. It will then communicate to the comfort system central control module, J393, to control the taillight lighting from lid to bumper.

Production Solution

Optimized rear lid switch spacing on rear sill trim plate.

Service

1. Remove the rear trim plate by first removing the four T25 Torx® screws (Figure 2), then carefully pulling up on the plate.



Figure 2. Rear cargo area trim plate removal. The T25 Torx® screws to be removed are circled in red.

 **Warning:**

Vehicles with metal trim may have sharp edges.

2. Remove the two T20 Torx® screws that hold down the paddle switch assembly. Install spacers (4L0863191A 4PK) (Figure 3) between the paddle switch and the trim. The large diameter faces the switch and small diameter faces the mounting.



Tip: If factory service parts are not available, improvise by using spacers with dimensions of no less than 5.5mm I.D., no greater than 13mm O.D., and no thicker than 5.6mm.



Figure 3. Spacers for underneath paddle switch assembly.

3. Reinstall rear trim plate and clear DTC(s). Confirm that the concern is corrected and return vehicle to customer.
4. If concern is still present, remove the rear trim to adjust the striker plate.

Note the current position of the striker plate by using the serrated lines surrounding the bolt or surrounding the nut's integrated washer (Figure 4 and Figure 5).



Tip: Use a permanent marker to mark original position in case striker adjustment is needed.



Figure 4. Power lid's motorized striker plate bolted mounting.



Figure 5. Power lid's motorized striker plate adjustability and serrated indicators.

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- Center the striker plate latch to the lid latch. Adjust until the lid is able to close smoothly with proper switch actuation, resulting in the proper lighting switchover.



Tip: Moving the striker plate latch towards the front of the vehicle will bring the lid latch closer to actuating the paddle switches (Figure 6). Do not move the latch forward too far to ensure that the lid is not pulled in with greater force than necessary.

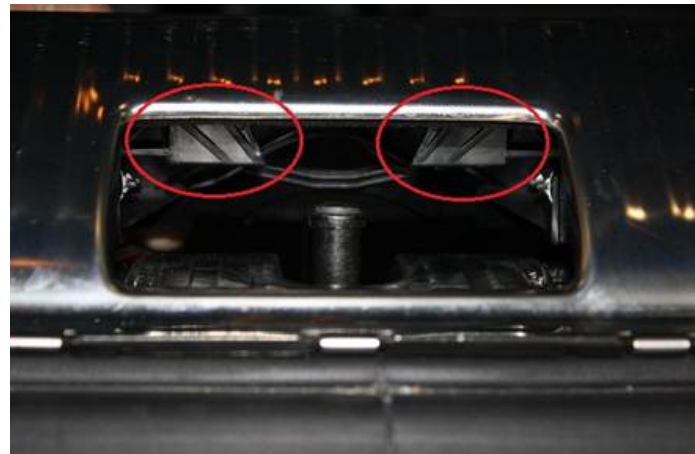


Figure 6. Overhead view of paddles contacted by rear lid latch.

- Clear DTC(s), confirm that the tail lamp lighting switches as expected, then return the vehicle to the customer.

Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9604		
Damage Code:	0010		
Labor Operations:	Lock carrier cover remove + reinstall	7039 1900	30 TU
	Adjust striker plate (If necessary)	5825 1500	20 TU
Diagnostic Time:	GFF – Checking and clearing fault codes included in existing labor operations	0150 0000	Time stated on diagnostic protocol (Max 20 TU)
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	No allowance	0 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2033675/5		

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.

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Required Parts and Tools

Part Number	Part Description	Quantity
4L0863191A 4PK	Ring (Beveled spacer)	2
Misc. Shop Supplies	Spacers	As needed

Additional Information

The following repair procedure may be necessary to complete this procedure:

- *Repair Manual >> Body >> Body Exterior >> 55 Hood, Lids >> Description and Operation >> Rear Lid, Adjusting*

All part and service references provided in this TSB (2033675) are subject to change and/or removal. Always check with your Parts Dept. and service manuals for the latest information.