



Technical Service Bulletin

66 Rear spoiler is inoperative

66 23 02 2065220/3 July 31, 2023. Supersedes Technical Service Bulletin Group 66 number 22-85 dated March 10, 2022 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A7	2019 – 2021	All	Not Applicable
S7	2020 – 2021	All	
RS 7	2021	All	
A7, and S7	2022	000001 – 016175	
RS 7	2022	900000 – 901415	
e-tron GT	2022	000001 – 005302	
RS e-tron GT	2022	900000 - 902734	

Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Warranty</i> (SRT correction)
2	03/10/2022	Revised header (Add A7, S7 and RS7) Revised <i>Warranty</i> (Add SRTs for A7, S7 and RS7)
1	12/08/2021	Initial publication

Customer states:

- The message “Rear spoiler: Malfunction!” appears in the driver’s information system (DIS) of the instrument cluster (Figure 1)
- Rear spoiler operation may not be possible.

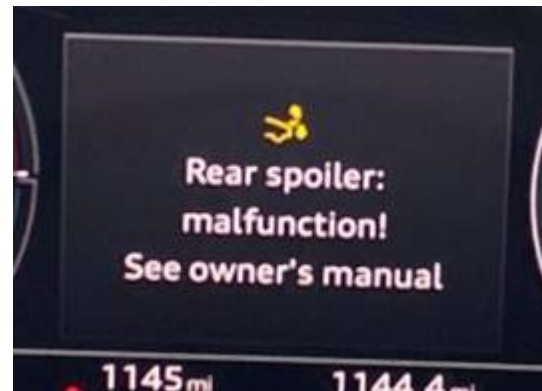


Figure 1. Message in the driver’s information system.



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Workshop findings:

- In some cases the rear spoiler is not operative either automatically or manually. In some cases the rear spoiler system is fully operative.

One or both of the following DTC(s) may be stored in the aerodynamic control module, J223 (address word 006B):

- **DTC B18AC13** (Motor for rear spoiler drive 1, Open circuit).
- **DTC B16F8F1** (Rear spoiler drive 1, Blocking when extending).

Technical Background

Due to insufficient pressure of the carbon brushes to the motor commutator in the spoiler drive motor a loss of contact may occur and cause intermittent or permanent loss of spoiler operation.

Figure 2 shows the spoiler drive motor area of brush to commutator contact.

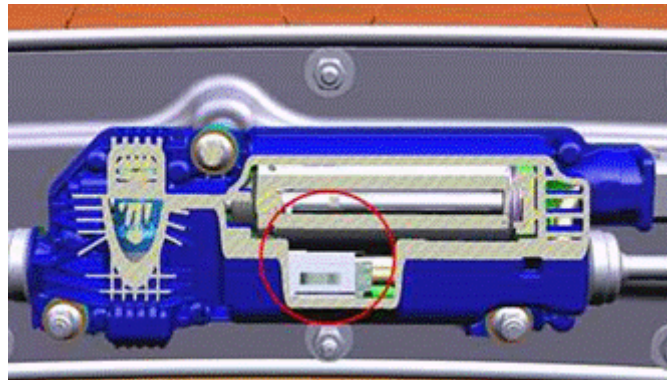


Figure 2. Cutaway view of the motor brush to commutator area.

Production Solution

The rear spoiler drive motor has been redesigned. An increase in brush to commutator pressure has been implemented in production.

Service



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1. Should the vehicle exhibit the symptom profile described in this TSB, replace the rear spoiler drive unit. Figure 3 shows the rear spoiler drive assembly.

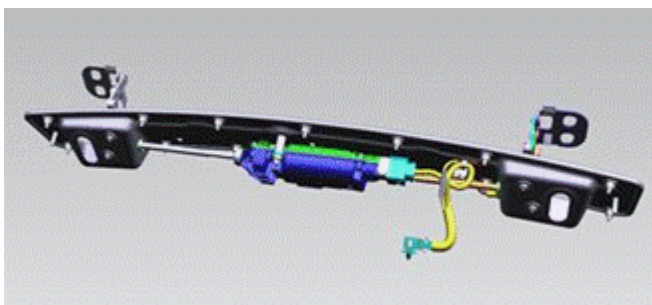


Figure 3. Rear spoiler drive assembly.

2. Complete the ODIS test plan and clear DTC(s).

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:	6672		
Damage Code:	0040		
Labor Operations:	A7, S7, RS7:		
	Tailgate trim panel remove and reinstall	7092 1900	See SRT with associated operations
	Spoiler drive remove and reinstall	6658 1951	See SRT with associated operations
	e-tron GT, RS e-tron GT:		
	Tailgate trim panel remove and reinstall	7092 1900	See SRT with associated operations
	Spoiler drive remove and reinstall	6672 1950	See SRT with associated operations
Diagnostic Time:	GFF	0150 0000	Time stated on the diagnostic protocol (Max 50 TU)
	Road test prior to the service procedure	0121 0002	10 TU

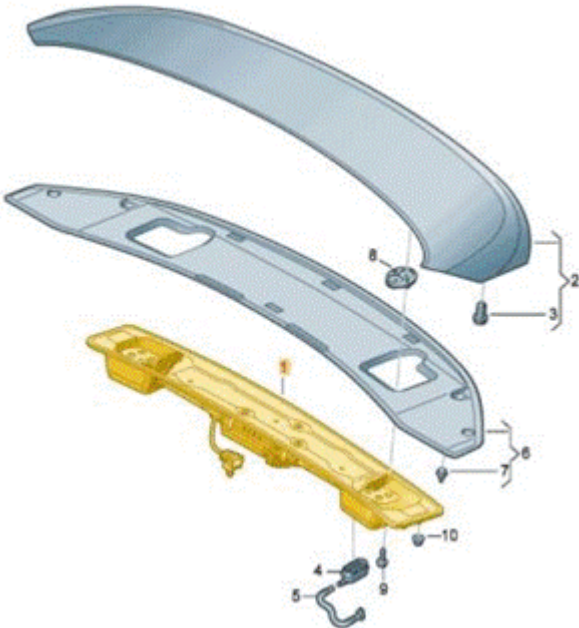


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	Road test after the service procedure	0121 0004	10 TU
Claim Comment:	As per TSB 2065220/3		

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
4K8827948F	 Bracket for spoiler drive unit	01

Additional Information

All parts and service references provided in this TSB (**2065220**) are subject to change and/or removal.

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