

**NUMBER:** 23-025-18 REV. A

**GROUP:** 23 - Body

**DATE:** August 28, 2018

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**THIS BULLETIN SUPERSEDES SERVICE BULLETIN 23-025-18, DATED JUNE 15, 2018, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **\*\*ASTERISKS\*\*** AND INCLUDES A REVISED PART NUMBER.**

**THE wiTECH SOFTWARE IS REQUIRED TO BE AT THE LATEST RELEASE BEFORE PERFORMING THIS PROCEDURE.**

**SUBJECT:**

Sunroof Lost Initialization

**OVERVIEW:**

This bulletin involves replacing the sunroof and the sunshade motors.

**MODELS:**

2017 - 2018 (GA)

Alfa Romeo Giulia

**NOTE:** This bulletin applies to vehicles within the following markets/countries: NAFTA.

**NOTE:** This bulletin applies to vehicles built on or before September 06, 2017 (MDH 0906XX) equipped with a Dual-Pane Sunroof (Sales Code GWJ).

**SYMPTOM/CONDITION:**

The customer may notice that the express open/close does not work, the customer would have to hold the open/close button down to operate sunroof.

**DIAGNOSIS:**

If the customer describes the symptom/condition listed above, perform the Repair Procedure.

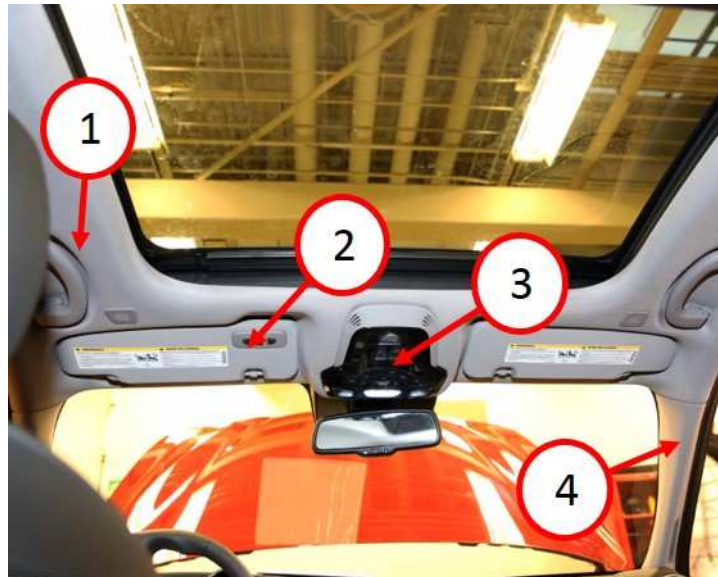
**PARTS REQUIRED:**

Qty.	Part No.	Description
1	<b>**68382622AA**</b>	Kit, Sunroof Motors

**NOTE:** The kit includes the sunroof motor as well as the sunshade motor. Both motors will need to be replaced.

**REPAIR PROCEDURE:**

1. Close the sunroof glass and the sunshade fully.
2. Disconnect and isolate the negative battery cable.
3. Remove the A-pillar trim panels (Fig. 1) . (Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 23 - Body/Interior/Panel, A-Pillar Trim/Removal).



**Fig. 1**  
**Interior Roof Parts Location**

- 1 - Grab Handle
  - 2 - Visor
  - 3 - Overhead Console
  - 4 - A-Pillar Trim Panel
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4. Remove the visors and supports (Fig. 1) . (Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 23 - Body/Interior/Visor/Removal).
5. Remove the overhead console (Fig. 1) . (Refer to 23 - Body/Interior/Console, Overhead/Removal).  
Remove the Upper B-pillar trim panels. (Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 23 - Body/Interior/Panel, B-Pillar Trim/Removal).  
Remove the C-pillar trim panels. Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 23 - Body/Interior/Panel, C-Pillar Trim/Removal.

6. Remove the rear seat back (Fig. 2) and (Fig. 3) . (Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 23 - Body/Seats/Seat Back, Rear/ Removal).



**Fig. 2**  
**Rear Seatback Bolt Location**

1 - Rear Seatback Bolt

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**Fig. 3**  
**Center Pivot Bracket**

1 - Center Pivot Bracket

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7. Remove the rear shelf panel (Fig. 4) . (Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 23 - Body/Interior/Panel, Rear Shelf/Removal).



**Fig. 4**  
**Rear Shelf Panel**

8. Disconnect the wire harness connector on the rear shelf.
9. Remove the grab handles (Fig. 1) . (Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 23 - Body/Interior/Handle, Grab/Removal).
10. Recline the front seats to allow room for headliner when lowered.
11. At the rear of the headliner, remove the two covers by releasing the retainers.

12. Loosen the door seals at all four door openings, where they meet the headliner (Fig. 5) .



**Fig. 5**  
**Right Front Door Seal**

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1 - Door Seal

13. Release the hook and loop fasteners around the sunroof openings, and slightly lower the headliner.
14. Disconnect the wire harness connector from the sunroof motor harness.
15. Disconnect the wire harness connectors at the front headliner speakers.
16. Disconnect the wire harness connector from the rearview mirror.
17. Carefully lower the headliner (Fig. 6) .



**Fig. 6**  
**Headliner Lowered**

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1 - Headliner



18. Disconnect the wiring harness connector from the sunroof motor (Fig. 7) .



Fig. 7  
Sunroof and Sunshade Motors

- 1 - Sunshade Motor  
2 - Sunroof Motor
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19. Remove the sunroof motor screws.  
20. Remove the sunroof motor by lowering the motor without rotating the motor and releasing the motor pinion from the drive cables.

**CAUTION! Do not move the drive cables while removing the motor. Moving the cables will affect the glass alignment.**

21. Install the new sunroof motor. Securely tighten sunroof motor screws.  
22. Connect the negative battery cable.  
23. Check the glass alignment and adjust if necessary. (Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 23 - Body/Sunroof, Dual Pane/Glass, Sunroof, Front/Adjustments).  
24. Disconnect and isolate the negative battery cable.  
25. Disconnect the wiring harness connector from the sunshade motor (Fig. 7) .  
26. Remove the sunshade motor screws.  
27. Remove the sunshade motor by lowering the motor without rotating the motor and releasing the motor pinion from the drive cables.

**NOTE: Do not move the drive cables while removing the motor. Moving the cables will affect the sunshade alignment.**

28. Position the sunshade motor and engage the pinion with the drive cables. Do not move the drive cables as this will affect the alignment of the sunshade.  
29. Install the sunshade motor screws and securely tighten.  
30. Connect the wiring harness connector to the sunshade motor.  
31. Connect the wire harness connector from the rearview mirror.  
32. Connect the wire harness connectors at the front headliner speakers.  
33. Connect the wire harness connector from the sunroof motor harness.

34. Install the hook and loop fasteners around the sunroof openings, and raise the headliner into place.
35. Install the door seals at all four door openings, where they meet the headliner.
36. Install the two covers at the rear of the headliner.
37. Install the grab handles
38. Connect the wire harness connector on the rear shelf.
39. Install the rear shelf panel
40. Install the rear seat back (Fig. 2) and (Fig. 3) . (Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 23 - Body/Seats/Seat Back, Rear/Installation).
41. Install the C-pillar trim panels (Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 23 - Body/Interior/Panel, C-Pillar Trim/Installation).
42. Install the Upper B-pillar trim panels (Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 23 - Body/Interior/Panel, B-Pillar Trim/Installation).
43. Install the overhead console (Fig. 1) . (Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 23 - Body/Interior/Console, Overhead/Installation).
44. Install the visors and supports (Fig. 1) . (Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 23 - Body/Interior/Visor/Installation).
45. Remove the A-pillar trim panels (Fig. 1) . Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 23 - Body/Interior/Panel, A-Pillar Trim/Installation.
46. Connect the negative battery cable.
47. Perform the sunroof initialization procedure (Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: 08 - Electrical/8N - Power Systems/Power Top, Sunroof/Standard Procedure).
48. Using the wiTECH 2, clear any Diagnostic Trouble Codes (DTCs) that may have been set during the repair procedure.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
08-52-45-91	Motor, Sunroof and Sunshade - Replace (2 - Skilled)	6 - Electrical and Body Systems	1.8 Hrs.

**FAILURE CODE:**

ZZ	Service Action
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