

REFERENCE:	TSB: 08-164-23 GROUP 08 - Electrical	Date:	July 12, 2023	REVISION:	–
VEHICLES AFFECTED:	2017 - 2018 (GA) Alfa Romeo Giulia This bulletin applies to vehicles built on or before July 12, 2018 (MDH 0712XX) equipped with a 2.0L I4 DI Turbo Engine (Sales Code EC2).			MARKET APPLICABILITY: ☒ NA ☐ MEA ☐ SA ☐ IAP ☒ EE ☐ CH	
CUSTOMER SYMPTOM:	Technician may have issues re-establishing the connection after replacing the vehicle rear wiring.				
CAUSE:	Additional humidity sensor harness needed.				

REPAIR SUMMARY:

There is no humidity sensor connection on the vehicle rear wiring harness.

DISCUSSION:

This bulletin is for the awareness that an additional humidity sensor connection harness (Mopar #50575355) will be needed to complete repair after replacing the vehicle rear wiring.

REPAIR PROCEDURE:

1. Locate the 3-way connector of the rain sensor/dusk sensor on the windscreen (Fig. 1) .



Fig. 1
Rear Harness

2. Locate the 32-way junction between the rear and vehicle wiring harness under the dashboard on the left side, recognizable by the blue lever (Fig. 2) .
3. Locate pin 30 on the vehicle wiring side connector to which the new (Mopar #50575355) harness is to be connected (Fig. 2) .

NOTE: Pin 30 of connector not is connected.

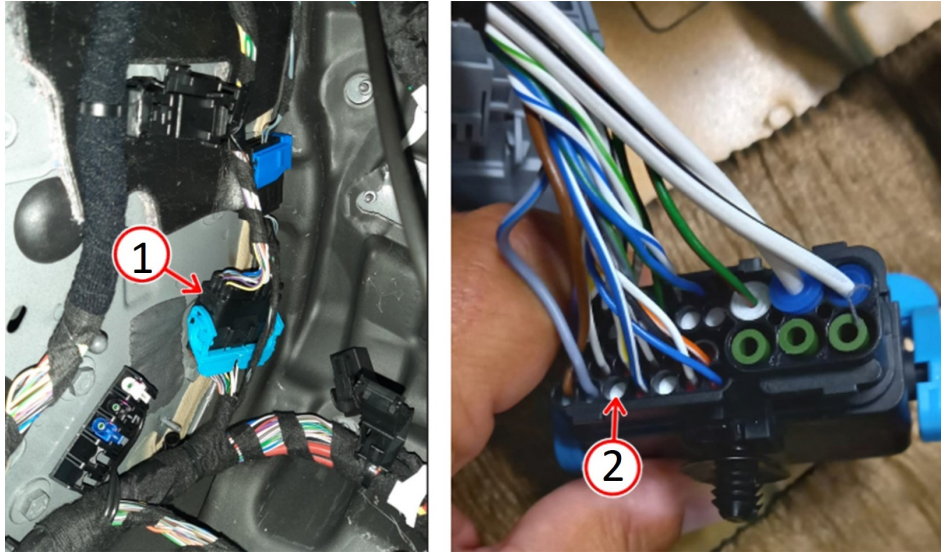


Fig. 2
3-way Connector

- 1 - 32-way Junction Harness.
2 - Pin 30.
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4. On the 3-way connector cables of the rain sensor/dusk sensor, make two junctions according to the cable colors in the diagram (Fig. 3) .
5. Route the grey-black cable from pin 2 of the humidity sensor parallel to the cable on the vehicle (windscreen area, front left pillar, under the dashboard) (Fig. 3) .
6. Disconnect the 32-way junction located under the dashboard on the left side (Fig. 3) .
7. Remove the white plug from pin 30 of the vehicle wiring harness side connector (Fig. 3) .
8. Insert the terminal from the black-grey jumper into pin 30 and reconnect the 32-way junction (Fig. 3) .

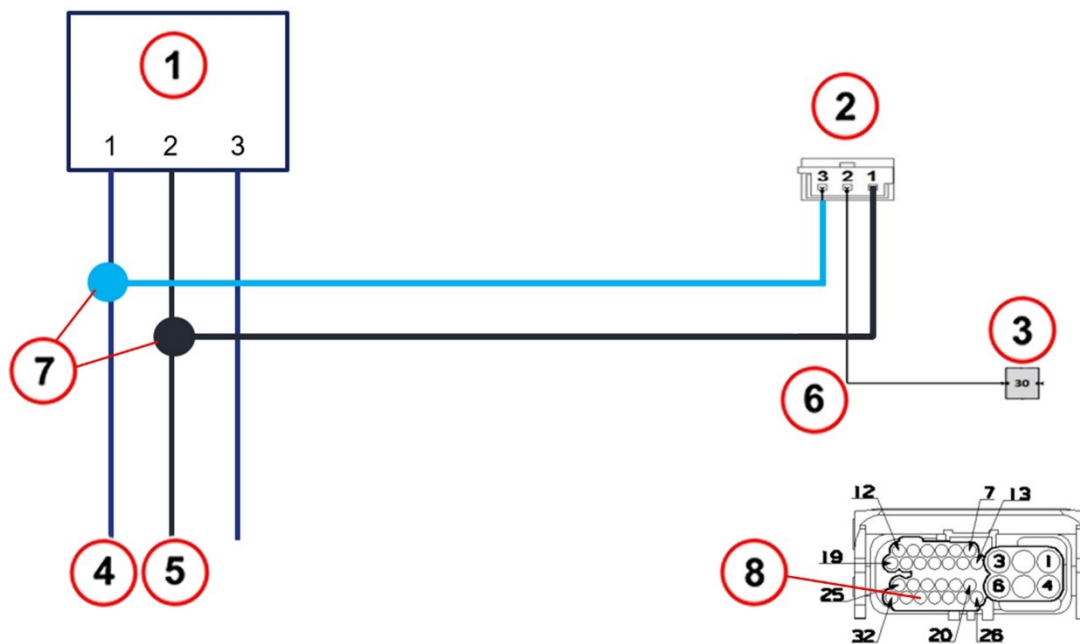


Fig. 3
32-way Junction

- 1 - Rain And Dusk Sensor.
- 2 - Connectors Sensor Signal.
- 3 - 32-way Junction Between Rear And Front Wiring Harnesses.
- 4 - Blue/Red Cable.
- 5 - Black Cable.
- 6 - Grey-Black Cable.
- 7 - New Junction.
- 8 - Pin 30 on 32-way Connector (Front Wiring Side).

9. Attach the new harness to the main wiring harness, using PVC tape.

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