



NUMBER: 08-027-17 REV. B

GROUP: 08 - Electrical

DATE: October 4, 2017

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 08-027-17 REV. A, DATED JULY 27, 2017, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDE A SYMPTOM/CONDITION, 2018 MY AND LOPS.**

THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 17-024. ALL APPLICABLE SOLD AND UN-SOLD RRT VIN's HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.

FOR HELP WITH USING wiTECH FOR ECU FLASH REPROGRAMMING, CLICK ON THE APPLICATION'S "HELP" TAB.

THE wiTECH 2 SOFTWARE IS REQUIRED TO BE AT THE LATEST RELEASE BEFORE PERFORMING THIS PROCEDURE.

SUBJECT:

Flash: Body Control Module (BCM) Diagnostic and System Improvements

OVERVIEW:

This bulletin involves reprogramming the BCM with the latest available software.

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 07, 2017 (MDH 0907XX)**** equipped with a 2.9L 505HP V6 Bi-Turbo Engine (Sales Code EED).**

SYMPTOM/CONDITION:

Customers may experience one or more of the following:

- ****When "Race Mode" is selected and during high-performance driving (i.e. track usage), the fuel gauge does not accurately report the actual fuel level as the tank approaches empty.****
- The Forward Collision Warning (FCW) system may be disabled intermittently.
- The last bar on the fuel gauge will not turn off, even if the fuel tank is empty.
- If the battery state of charge drops below 75%, the rear defrost will turn off after 15 minutes.

DIAGNOSIS:

Using a Scan Tool (wiTECH 2) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all related systems are functioning as designed. If any Diagnostic Trouble Codes (DTCs) or symptom/conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary, before proceeding further with this bulletin.

If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair. For all other customers that describe the symptom/condition listed above, perform the Repair Procedure.

REPAIR PROCEDURE:

NOTE: RFHM must be updated to the latest available software at the conclusion of this repair procedure. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the Radio Frequency Hub Module (RFHM) software.

NOTE: To properly perform this procedure the vehicle must be out of logistics mode. Using wiTECH 2, take the vehicle out of logistics mode by following the Exit Logistic routine, found in the BCM Misc. Function tab.

1. Using wiTECH 2, check if the BCM has the latest available software levels.
2. Does the BCM have the latest available software level?
 - YES>>>This bulletin has been completed. Use LOP (18-19-02-CL) to close the active RRT.
 - NO>>> Proceed to [Step 3](#).

NOTE: Install a battery charger to ensure battery voltage does not drop below 13.2 volts. Do not allow the charging voltage to climb above 13.5 volts during the flash process.

NOTE: If this flash process is interrupted/aborted, the flash should be restarted.

3. Reprogram the BCM with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
4. Clear all DTCs that may have been set in any module due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow them to be cleared.
5. Using wiTECH 2, under the BCM miscellaneous function tab, go to "wiper type configuration" routine and set it to "Wiper Type 1".
6. Verify the RFHM is programmed with the latest available software. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the RFHM software.

NOTE: If the vehicle is equipped with a remote start, the vehicle will have to be driven to enable this feature.

7. Drive the vehicle for a 20 kilometer (12 mile) test drive to enable the remote start system.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

| Labor Operation No: | Description | Skill Category | Amount |
|---------------------|--|---------------------------------|------------|
| 18-19-02-CL | Modules, Body Control (BCM) and Radio Frequency Hub Module (RFHM) - Inspect (0 - Introduction) | 6 - Electrical and Body Systems | 0.2 Hrs. |
| **18-19-02-CT | Module, Body Control (BCM) - Inspect and Reprogram, Includes 20 Kilometer Road Test (0 - Introduction) | 6 - Electrical and Body Systems | 0.5 Hrs.** |

NOTE: The expected completion time for the flash download portion of this procedure is approximately 3 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

The dealer must choose which failure code to use depending on if this is a Rapid Response Transmittal (RRT) or Service Bulletin.

- If the customer’s concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used. When utilizing this failure code, the 3C’s must be supplied.
- The failure code “RF” (Required Flash) can no longer be used on Service Bulletin flashes. The “RF” failure code can only be used on RRT.
- The “RF” failure code is required for essential module flash/reprogramming and can only be used after confirmation that the VIN is included on the RRT.

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|----|------------------|
| CC | Customer Concern |
| RF | Required Flash |