



NUMBER: 08-063-17

GROUP: 08 - Electrical

DATE: July 20, 2017

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THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 17-063. 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: Instrument Panel Cluster (IPC) Enhancement

OVERVIEW:

This bulletin involves updating the Instrument Panel Cluster (IPC) software with the latest available software.

MODELS:

2017 (GA) Alfa Romeo Giulia

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

NOTE: This bulletin applies to vehicles built on or before May 10, 2017 (MDH 0510XX) equipped with 2.9L 505 HP V6 Bi-Turbo Engine (Sales Code EED) equipped with Stop - Start System (Sales Code XBU).

SYMPTOM/CONDITION:

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that the following Diagnostic Trouble Code (DTC) has been set:

- P0513-00 - Invalid Skim Key.

In addition, the customer may notice:

- The following message displayed in the Instrument Panel Cluster (IPC) "Communication Timing issue during Remote Start".

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all related systems are functioning as designed. If any DTCs or symptom conditions, other than the one listed above is 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 or if the technician finds the DTCs, perform the Repair Procedure.

REPAIR PROCEDURE:

NOTE: This is a coordinated flash and both the primary and secondary ECM's and TCM must also 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 ECM and TCM software.

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.

1. Does the IPC have the latest software already installed?
 - YES>>> This bulletin has been completed, use inspect LOP (18-19-47-AP) to close the active RRT.
 - NO>>> Proceed to [Step 2](#).
2. Reprogram the IPC with the latest software. Detailed instructions for flashing control modules using the wiTECH 2 Diagnostic Application are available by selecting the application's "HELP" tab.
3. Verify the primary and secondary ECM's are programmed with the latest available software. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the ECM software
4. Verify the TCM is programmed with the latest available software. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the TCM software
5. 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.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-47-AP	Cluster, Instrument Panel (IPC) - Inspect (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-19-47-AQ	Cluster, Instrument Panel (IPC) - Inspect and Reprogram Sales Code JCC - 257 kph (160 mph) speedometer (0 - Introduction)	6 - Electrical and Body Systems	1.3 Hrs.
18-19-47-AR	Cluster, Instrument Panel (IPC) - Inspect and Reprogram Sales Code JCM - 321 kph (200 mph) speedometer (0 - Introduction)	6 - Electrical and Body Systems	1.4 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 74 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.

CC	Customer Concern
RF	Required Flash