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GROUP: 08 - Electrical

DATE: February 3, 2021

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This bulletin supersedes Technical Service Bulletin (TSB) 08-107-20, date of issue December 16, 2020, which should be removed from your files. All revisions are highlighted with **asterisks**** and include software enhancements to existing Diagnostic Trouble Code (DTC) with additional DTCs and LOP.**

SUBJECT:

Flash: Drive Style Control Module (DSCM) Updates

OVERVIEW:

This bulletin involves checking if the vehicle dynamic (DNA) selector is operable and possibly reprogramming the DSCM with the latest available software.

MODELS:

2019 (GA) Alfa Romeo Giulia

NOTE: This bulletin applies to vehicles within the following markets/countries: North America and EMEA.

SYMPTOM/CONDITION:

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

- ****U1700-87 - Body Control Module (BCM) - Missing Message.**
- U0011-14 - Down Rotary Knob Failure-Circuit Short To Ground Or Open.
- U0011-15 - Down Rotary Knob Failure-Circuit Short To Battery Or Open.
- U0012-15 - Up Rotary Knob Failure-Circuit Short To Battery Or Open.
- B1603-68 - Rotary Encoder Fault-Event Information.

The following DTC has been set in the Body Control Module (BCM):

- U1A20-87 - DSCM (Drive Style Control Module) - Missing Message.**

The customer may also comment on the following:

- The vehicle dynamic (DNA) selector is inoperable.

DIAGNOSIS:

Using a Scan Tool (wiTECH 2) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If any 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 the customer describes the symptom/condition listed above or if the technician finds the DTC, perform the Diagnostic Procedure.

NOTE:

- **The DNA driving mode selector will be inoperative if the vehicle has an active check engine light. Refer to the appropriate diagnostic information to correct the condition.**
 - **It is important to keep all doors closed for a minimum of four minutes otherwise the CAN will wake up and the process will have to be restarted.**
1. Open the trunk, leave it open and **make sure all other doors are closed.**
 2. Verify that the Instrument Panel Cluster (IPC) times out in the key-off position.
 3. **Wait a minimum of four minutes** without opening or closing any doors.
 4. Disconnect and isolate the negative battery cable. **Wait one minute.**
 5. Connect the negative battery cable.
 6. Clear all DTCs that may have been set.
 7. Verify if the DNA selector is now functioning properly and is operable.
 8. Is the DNA selector operable?
 - YES>>> Proceed to [Step 1](#) of the Repair Procedure.
 - NO>>> This bulletin has been completed. Normal diagnosis should be performed.

REPAIR PROCEDURE:

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. Reprogram the DSCM 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.
2. Clear all DTCs that may have been set in any module due to reprogramming. The wiTECH 2 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
18-19-22-9D	Modules, Drive Style Control (DSCM) - Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.3 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 2 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

The dealer must use failure code CC with this 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 (customer's concern, cause and correction) must be provided for processing Service Bulletin flash/reprogramming conditions.

CC	Customer Concern
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