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|  <b>STELLANTIS</b><br>PARTS & SERVICES |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Technical Service Bulletin (TSB)</b><br><b>Flash: Body Control Module (BCM) Updates</b> |                  |                                                                                                                                                                                                                            |
| <b>REFERENCE:</b>                                                                                                       | <b>TSB:</b> 08-233-23<br><b>GROUP:</b> 08 - Electrical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Date:</b>                                                                               | October 21, 2023 | <b>REVISION:</b> –                                                                                                                                                                                                         |
| <b>VEHICLES AFFECTED:</b>                                                                                               | <b>2023 (GC) Alfa Romeo Tonale</b><br>This bulletin applies to vehicles built on or before July 04, 2023 (MDH 0704XX) equipped with Auto High Beam Headlamp Control (Sales Code LMS).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                            |                  | <b>MARKET APPLICABILITY:</b><br><input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA<br><input type="checkbox"/> SA <input type="checkbox"/> IAP<br><input type="checkbox"/> EE <input type="checkbox"/> CH |
| <b>CUSTOMER SYMPTOM:</b>                                                                                                | Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that one or more of the following Diagnostic Trouble Codes (DTCs) have been set:<br>• B25C9 - Driver Door Ajar Switch 2 Stuck Closed.<br>• U1412-09 - ASU (Alarm Siren Unit) - Component Failures.<br>• U1413-09 - UAM (Ultrasonic And Antitilt Module) - Component Failures.<br><b>Customers may comment on the following:</b><br>• When the headlamps are placed in "Headlamps Off Delay" mode and the driver door is opened (engine off), the Headlamps On alert chime activates until the headlamps turn themselves off (no chime should be heard while in this mode). |                                                                                            |                  |                                                                                                                                                                                                                            |
| <b>CAUSE:</b>                                                                                                           | BCM Software                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                            |                  |                                                                                                                                                                                                                            |

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-285 date of issue October 21, 2023. All applicable RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty. This RSU will expire 18 months after the date of issue.

#### REPAIR SUMMARY:

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

#### CLAIMS DATA:

| Labor Operation No: | Labor Description                                                          | Skill Category                  | Labor Time |
|---------------------|----------------------------------------------------------------------------|---------------------------------|------------|
| 18-19-02-HY         | Body Control Module (BCM)<br>- Inspect<br>(0 - Introduction)               | 6 - Electrical and Body Systems | 0.2 Hrs.   |
| 18-19-02-HX         | Body Control Module (BCM)<br>- Inspect and Reprogram<br>(0 - Introduction) | 6 - Electrical and Body Systems | 0.4 Hrs.   |
| Failure Code        | RF                                                                         | Required Flash - RSU            |            |
|                     | CC                                                                         | Customer Concern                |            |

The dealer must choose which failure code to use depending on if this is a Rapid Service Update (RSU) or Technical Service Bulletin.

- 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 RSU.
- The failure code "RF" (Required Flash) can no longer be used on Technical Service Bulletin flashes. The "RF" failure code must be used on an RSU.

- If the customer's concern matches the SYMPTOM/CONDITION identified in the Technical Service Bulletin, failure code CC is to be used. When utilizing this failure code, the 3C's must be supplied.

## DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If 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 RSU VIN list, perform the repair. If any vehicle not on the VIN list exhibits any of the symptoms listed above in the customer symptom section, perform the Repair Procedure.

## SPECIAL TOOLS/EQUIPMENT:

| Description          | Ref. No. | Notes |
|----------------------|----------|-------|
| wiTECH or Equivalent | —        | —     |

## REPAIR PROCEDURE:

1. Is the vehicle on the RSU VIN list?
  - YES >>> Proceed to [Step 2](#).
  - NO >>> Proceed to [Step 3](#).
2. Does the BCM have the latest software already installed?
  - YES >>> This bulletin has been completed. Use Inspection LOP (18-19-02-HY) to close the active RSU.
  - NO >>> Proceed to [Step 3](#).
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.

## POLICY:

Reimbursable within the provisions of the warranty.

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