

Technical Service Bulletin (TSB)
Flash: Display Screen Module (DSM) System Updates

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|---------------------------|--|--------------|-------------------|--|------------------------------|
| REFERENCE: | TSB: 08-052-25 GROUP: 08 - Electrical | Date: | February 22, 2025 | REVISION: | 08-158-24 |
| VEHICLES AFFECTED: | 2023 - 2024 (GC) Alfa Romeo Tonale This bulletin applies to vehicles built on or before **December 27, 2023 (MDH 1227XX)** .** | | | MARKET APPLICABILITY: | |
| | | | | <input checked="" type="checkbox"/> NA | <input type="checkbox"/> MEA |
| | | | | <input type="checkbox"/> SA | <input type="checkbox"/> IAP |
| | | | | <input type="checkbox"/> EE | <input type="checkbox"/> CH |
| CUSTOMER SYMPTOM: | Customers may comment on the following: <ul style="list-style-type: none"> • Touch screen panel is not working properly after radio software update. | | | | |
| CAUSE: | DSM software update | | | | |

This bulletin supersedes Technical Service Bulletin (TSB) 08-158-24, date of issue July 10, 2024, which should be removed from your files. All revisions are highlighted with ****asterisks**** and include an updated build date, Claims Data table, Diagnosis statement, Repair Procedure steps and converting the bulletin to an RSU.

****This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 25-022, date of issue February 22, 2025. 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.****

REPAIR SUMMARY:

This bulletin involves updating the DSM with the latest available software.

CLAIMS DATA:

| Labor Operation No: | Labor Description | Skill Category | Labor Time |
|---------------------|---|---------------------------------|------------|
| **18-60-02-FW | Module, Display Screen (DSM) - Inspect (0 - Introduction) | 6 - Electrical and Body Systems | 0.2 Hrs. |
| 18-60-02-FY | Module, Display Screen (DSM) - Inspect and Reprogram (0 - Introduction) | 6 - Electrical and Body Systems | 0.4 Hrs. |
| Failure Code | RF | Required Flash | |
| | 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 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 RSU VIN list, perform the repair. If any vehicle not on the VIN list exhibits any of the symptom listed above in the customer symptom section, perform the Repair Procedure.

SPECIAL TOOLS/EQUIPMENT:

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

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.

CAUTION!

Removal of fuse F81 is necessary for this Repair Procedure. Failure to remove fuse F81 may result in damage to the Brake Booster Vacuum Pump.

1. **Is the vehicle on the RSU VIN list?
 - YES >>> Proceed to [Step 2](#).
 - NO >>> Proceed to [Step 3](#).
2. Does the DSM have the latest software already installed?
 - YES >>> This bulletin has been completed, use Inspect LOP (18-60-02-FW) to close the active RSU.
 - NO >>> Proceed to [Step 3](#).**
3. Remove the green 30 Amp fuse from cavity F81, for the Brake Booster Vacuum Pump from the Power Distribution Center (PDC) located in the engine compartment.
4. Connect the wiTECH to the vehicle.
5. Place the ignition in the “RUN” position.
6. Open the wiTECH 2.0 website.
7. Enter your “User id” and “Password” and your “Dealer Code”, then select “Sign In” at the bottom of the screen. Click “Accept”.
8. From the “Vehicle Selection” screen, select the vehicle to be updated.
9. From the “Action Items” screen, select the “Topology” tab.

10. From the “Topology” tab, select the “DSM” module icon.
11. From the “Flash” tab, compare the current DSM software level to the "NEW PART NUMBER" listed.
 - If the current DSMs DCSD part number is the same as the “NEW PART NUMBER” listed, proceed to [Step 16](#).
 - If the current DSMs DCSD part number is NOT the same as the “NEW PART NUMBER” listed, proceed to [Step 12](#).
12. From the DSM tab, select the DSMs DCSD flash part number. Read the flash special instructions page. Select “OK” to continue.
13. Select “Flash ECU” and then follow the wiTECH screen instructions to complete the flash. If issues arise when flashing a module using the wiTECH Diagnostic Application, please submit a ticket to the Helpdesk. The helpdesk can be found within the Help menu.
14. Confirm the software is at the latest available calibration level.
15. Click “View DTCs”, select “Clear All DTCs”, click “Continue” and then click “Close”.
16. Place the ignition in the “OFF” position and wait at least five seconds for power latch. Then place again the ignition in the “RUN” position.
17. Place the ignition in the “OFF” position.
18. Install fuse to cavity F81.
19. Confirm that the DSM is operational before releasing the vehicle to the customer.

POLICY:

Reimbursable within the provisions of the warranty.

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