

Technical Service Bulletin (TSB)

Flash: Forward Facing Camera HALF (FFC) Module Updates

REFERENCE:	TSB: 08-133-23 GROUP 08 - Electrical	Date:	May 31, 2023	REVISION:	–
VEHICLES AFFECTED:	2023 (GC) Alfa Romeo Tonale This bulletin applies to vehicles built on or before March 22, 2023 (MDH 0322XX) equipped with Traffic Sign Recognition (Sales Codes SJB) and Traffic Sign Information (Sales Codes SJF).			MARKET APPLICABILITY: ☒ NA☐ MEA ☐ SA☐ IAP ☐ EE☐ CH	
CUSTOMER SYMPTOM:	The customer may experience the following: Incorrect traffic sign recognition or information shown on Instrument Panel Cluster (IPC), example If speed limit is 50 mph translations show in KM/h.				
CAUSE:	FFC-HALF software				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-156, date of issue May 31, 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 updating the FFC-HALF module with the latest available software.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-56-9U	Module, Forward Facing Camera - HALF (FFC-HALF) - Inspect (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs
18-19-56-9Z	Module, Forward Facing Camera - HALF (FFC-HALF) - Inspect, Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.3 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 symptoms 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.

1. Is the vehicle on the RSU VIN list?
 - YES>>> Proceed to [Step 2](#).
 - NO>>> Proceed to [Step 3](#).
2. Does the FFC-HALF have the latest software already installed?
 - YES>>> This bulletin has been completed, use inspect LOP (18-19-56-9U) to close the active RSU.
 - NO>>> Proceed to [Step 3](#).
3. Reprogram the FFC-HALF module 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. Wait 2 minutes after the FFC-HALF flash has been completed.
5. Using wiTECH, perform proxy alignment for FFC-HALF module. This routine is available under the ‘Guided Diagnostics’ tab found on the home, ‘Vehicle View’ page of wiTECH.

NOTE: Please select “Align specific ECU” option and perform proxy alignment for the FFC-HALF module, regardless of wiTECH screen is showing no ECU to align at this time.

6. 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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