

REFERENCE:	TSB: 21-035-24 GROUP: 21 - Transmission and Transfer Case	Date:	May 21, 2024	REVISION:	-
VEHICLES AFFECTED:	2024 (GC) Alfa Romeo Tonale This bulletin applies to vehicles built on or before March 25, 2024 (MDH 0325XX) equipped with a 2.0L I4 DOHC DI Turbo Engine w/ESS (Sales Code EC1) and 9-Speed 948TE FWD/AWD Auto Trans (Sales Code DFH) .	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 experience: <ul style="list-style-type: none"> Shift paddles will not work when the shifter is in Drive. Shift paddles only work when the transmission is in manual mode. 				
CAUSE:	TCM software				

REPAIR SUMMARY:

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

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-05-S6	Module, Transmission Control (TCM) - Reprogram (0 - Introduction)	2 - Automatic Transmission	0.3 Hrs.
Failure Code	CC	Customer Concern	

The dealer must use failure code CC with this Technical Service Bulletin.

- If the customer’s concern matches the SYMPTOM identified in the Technical 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 Technical Service Bulletin flash/reprogramming conditions.

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 the customer describes 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.

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. 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.
2. Reprogram the TCM with the latest available software. 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.
3. Reinstall the green 30 Amp fuse from cavity F81.
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.
5. Do the paddle shifters function in Drive?
 - YES>>> This bulletin is completed.
 - NO>>> Additional diagnosis should be performed.

POLICY:

Reimbursable within the provisions of the warranty.

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of FCA US LLC.