



**NUMBER:** 08-021-15 REV. A

**GROUP:** Electrical

**DATE:** March 21, 2015

*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.*

**THIS BULLETIN SUPERSEDES SERVICE BULLETIN 08-021-15, DATED MARCH 07, 2015, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **\*\*ASTERISKS\*\*** AND INCLUDES CHANGING THIS TO AN RRT STATUS.**

**THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 15-028. ALL APPLICABLE SOLD AND UN-SOLD RRT VIN'S HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.**

**HELP USING THE wiTECH DIAGNOSTIC APPLICATION FOR FLASHING AN ECU IS AVAILABLE BY SELECTING "HELP" THEN "HELP CONTENTS" AT THE TOP OF THE wiTECH DIAGNOSTIC APPLICATION WINDOW.**

**THE wiTECH SOFTWARE LEVEL MUST BE AT 15.03 OR HIGHER TO PERFORM THIS PROCEDURE.**

***SUBJECT:***

Flash: MIL Illumination And Transmission Over Temperature Message

***OVERVIEW:***

This bulletin involves updating the Body Control Module (BCM) software.

***MODELS:***

2015                    (4C)                                    Alfa Romeo 4C

**NOTE: This bulletin applies to vehicles built on or before February 10, 2015 (MDH 0210XX).**

***SYMPTOM/CONDITION:***

The customer may notice a cluster message "Transmission Over Temperature" that appears for a short time and the Malfunction Indicator Lamp (MIL) may turn on. The customer may also notice that the Dynamic Car Control System may default to Natural mode and not allow the customer to change modes. On further inspection, the technician may find one or more of the following Diagnostic Trouble Codes (DTCs):

- B1067-67 VDSM (Vehicle Dynamic System Module) C CAN Signal-Signal Incorrect After Event.
- B1009-64 Brake Switches-Signal Plausibility Failure.
- B1009-67 Brake Switches-Signal Incorrect After Event.
- B10AA-4A Check Configuration Failed-Incorrect Component Installed.
- U1703-86 IPC (Instrument Control Panel)-Signal Invalid.
- U1703-87 IPC (Instrument Control Panel)-Missing Message.
- U11BC-00 Lost Brake Switch Message.

***DIAGNOSIS:***

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine 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 RRT VIN list, perform the repair. For all other customers that describe the symptom/condition listed above or if the technician finds the DTC, perform the Repair Procedure.\*\***

***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 BCM with the latest available software. Detailed instructions for flashing modules using the wiTECH Diagnostic Application are available by selecting the "HELP" tab on the upper portion of the wiTECH window, then "HELP CONTENTS." This will open the Welcome to wiTECH Help screen where help topics can be selected.

**NOTE: Please follow pop-ups to cycle the key off, wait one minute and turn the vehicle back on, to complete the flash.**

**NOTE: If the vehicle already has the latest software and no updates are available use LOP 18-19-02-99 to close the active RRT.**

2. Clear any DTCs that may have been set in any modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow the tech to clear them.

***POLICY:***

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

<b>Labor Operation No:</b>	<b>Description</b>	<b>Skill Category</b>	<b>Amount</b>
18-19-02-99	Module, Body Control (BCM) - Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.2 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 choose which failure code to use. If the customer came in with an issue and the dealer found updated software to correct that issue, use failure code CC, for all other use failure code RF.**

- CC - Customer Concern ( Ex. Customer comes in with a concern and updated (flash) software is found pertaining to the concern).
- RF - Routine Flash ( Ex. Customer comes in with no concern but updated (flash) software is found in VIP, wiTech or wiADVISOR ).

CC	Customer Concern
RF	Routine Flash