



NUMBER: 08-021-15

GROUP: Electrical

DATE: March 07, 2015

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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:

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 the customer describes 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.

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:

Labor Operation No:	Description	Skill Category	Amount
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:

FM	Flash Module
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