



**NUMBER:** 08-012-15

**GROUP:** Electrical

**DATE:** February 10, 2015

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**THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 15-019. 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 15.02 OR HIGHER TO PERFORM THIS PROCEDURE.**

***SUBJECT:***

Intermittent Battery Drain

***OVERVIEW:***

This bulletin involves reprogramming the Body Control Module (BCM) with updated software.

***MODELS:***

2014 - 2015 (BF)

Fiat 500L

**NOTE: This bulletin applies to vehicles built on or before December 23, 2014 (MDH 1223XX).**

***SYMPTOM/CONDITION:***

A small number of customers may experience a battery drain after the vehicle sits for a long period of time.

***DIAGNOSIS:***

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify charging systems is functioning as designed. If DTCs or symptom conditions are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

**NOTE: If low voltage DTCs are found that was caused by low battery voltages, proceed with the repair procedure.**

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, 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 software. Detailed instructions for flashing control 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: If the BCM has the latest software in it and no updates are available, use LOP 18-19-02-AC to close this 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.

**NOTE: If the dealer feels the battery may need to be replaced, follow normal process to diagnosis and replace the battery.**

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
18-19-02-AC	Module, Body Control (BCM) - Reprogram or Inspect (0 - Introduction)	6 - Electrical and Body System	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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