THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 14-084. 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 RELEASE 15.02 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:
Flash: Multiple ECU Software Enhancements

OVERVIEW:
This bulletin involves upgrading the software in the Engine Control Module (ECM), the Instrument Panel Cluster (IPC), the Body Control Module (BCM), the Antilock Brake System (ABS), the Electric Steering Lock Module (ESL) and the HVAC Module.

MODELS:

2015	(BU)	Renegade (International Only)

NOTE: This bulletin applies to vehicles built on or before October 8, 2014 (MDH 1008XX) equipped with the European Equipment Group (Sales Codes ABB).

SYMPTOM/CONDITION:
The customer may experience one or all of the following:

- Fuel consumption indication on the trip computer could be 2% higher than the real value.
- The clock of the Radio and displayed by the EVIC loses time.
- Start and Stop is sometime erroneously not available.
- Excessive battery consumption while the vehicle is set in Logistic Mode.
- DTC P0238 "Turbo boost Pressure Sensor Circuit High". MIL light illuminates sometime during WOT acceleration. (2.0L Diesel engine only)
- Manual Transmission Gear upshift/downshift indicator shown in the EVIC

sometime does not work properly. (1.6L Diesel engine only)

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify no DTC's are set. If DTCs are present record them 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 describes the symptom/condition, 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 charger voltage to climb above 13.5 volts during the flash process.

CAUTION: Please verify the following on your Personal Computer (PC) before attempting to update these ECUs. PC must be running on AC/DC power supply only. PC hard drive must NOT be set to turn off in a period of time. PC must NOT be scheduled to go into sleep or standby mode. PC screen saver must be turned off. PC monitor must NOT be set to turn off in a period of time.

NOTE: It is highly recommended that a Wired Ethernet or USB connection be used between the device (micro POD) and the WiTech PC / laptop.

NOTE: If this flash process is interrupted/aborted, the flash should be restarted.

1. Reprogram the Electric Steering Lock Module (ESL) with the latest software.
2. Reprogram the Antilock Brake System (ABS) with the latest software.
3. Reprogram the Body Control Module (BCM) with the latest software.
4. Is the vehicle equipped with the Dual Zone Climate System (Sales Code **HAF**)?
   a. No >>> Proceed to Step #5.
   b. Yes >>> Reprogram the HVAC Module with the latest software.
5. Is the vehicle equipped with the 3.5" Display Cluster (Sales Code **JAY**)?
   a. No >>> Proceed to Step #6.
   b. Yes >>> Reprogram the IPC Module with the latest software.
6. Is the vehicle equipped with the 2.0L Diesel Engine (Sales Code **EBT**) or the 1.6L Diesel Engine (Sales Code **EJK**)?
   a. No >>> Proceed to Step #7.
   b. Yes >>> Reprogram the ECM Module with the latest software.
7. Using wiTECH, perform a BCM, Proxy Alignment. This routine is available under the 'Vehicle Preparations' tab found on the home page of wiTECH.
8. Turn off the ignition, disconnect the wiTECH, open and close the driver's door and let all modules go to sleep.
9. Reconnect the wiTECH and clear any DTCs that may have been set in other modules due to reprogramming.

POLICY:
Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-17-90	Update Modules - Reprogram BCM, ABS, ECM, ESL, IPC and HVAC (0- Low Skilled)	10- Diesel	0.7 Hrs.

FAILURE CODE:

FM	Flash Module