



NUMBER: 08-055-16

GROUP: Electrical

DATE: April 30, 2016

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THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 16-034. 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.

FOR HELP WITH USING wiTECH FOR ECU FLASH REPROGRAMMING, CLICK ON THE APPLICATION'S "HELP" TAB.

THE wiTECH SOFTWARE IS REQUIRED TO BE AT THE LATEST RELEASE BEFORE PERFORMING THIS PROCEDURE.

SUBJECT:

Flash: Instrument Panel Cluster (IPC) Enhancement

OVERVIEW:

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

MODELS:

2016 (B1) Jeep Renegade

NOTE: This bulletin applies to vehicles within the following markets/countries: LATAM (Brazil Only).

NOTE: This bulletin applies to vehicles built on or before December 12, 2015 (MDH 1212XX) and equipped with 1.8L I4 E-Torque Engine (Sales Code EBD) and Cluster 7.0" TFT Color Display (Sales Code JAJ) or Instrument Cluster W/Tach (Sales Code JAY).

SYMPTOM/CONDITION:

The customer may describe that the oil light comes on and stays on until key is cycled off.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all systems are functioning as designed. If Diagnostic Trouble Codes (DTCs) or symptom conditions are present, other than the symptom condition listed above, 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: The Instrument Panel Cluster (IPC) has a long FLASH reprogramming completion time. Please verify the following on your Personal Computer (PC) before attempting to update this IPC. PC must be running on AC 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: Please verify that the vehicle battery is in a fully charged state and that a battery charger is connected during the entire flash reprogramming process.

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. Does the IPC have the latest software installed?
 - a. YES>>> This bulletin has been completed, use LOP 18-19-47-Z9 to close the active RRT.
 - b. NO>>> Update the IPC software, proceed to [Step #2](#).
2. Reprogram the IPC with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
3. 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.
4. Turn the vehicle OFF then ON and confirm the DTCs are cleared.
5. From the Vehicle View screen of the Scan Tool, select the IPC icon > Misc. Functions > Proxi Configuration.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-47-Z9	Module, Instrument Panel Cluster (IPC) - Inspect Software Level Only (0 - Introduction)	08 - Electrical and Body Systems	0.2 Hrs.
18-19-47-X9	Module, Instrument Panel Cluster (IPC) - Reprogram, With Sales Code JAY (0 - Introduction)	08 - Electrical and Body Systems	0.4 Hrs.
18-19-47-Y9	Module, Instrument Panel Cluster (IPC) - Reprogram, With Sales Code JAJ (0 - Introduction)	08 - Electrical and Body Systems	1.6 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 11 minutes for Sales Code JAY. Actual flash download times may be affected by vehicle connection and network capabilities.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 78 minutes for Sales Code JAJ. 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.

- If the customer’s concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used.
- If an available flash is completed while addressing a different customer concern, failure code RF is to be used.

CC	Customer Concern
RF	Routine Flash