



NUMBER: 08-041-20

GROUP: 08 - Electrical

DATE: March 18, 2020

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SUBJECT:

Flash: Electric Power Steering (EPS) Module Updates

OVERVIEW:

This bulletin involves updating the EPS module with the latest available software.

MODELS:

2019 (BV) Jeep Renegade

NOTE: This bulletin applies to vehicles within the following markets/countries: North America, APAC and EMEA.

NOTE: This bulletin applies to vehicles equipped with Electric Power Steering (Sales Code SBL).

SYMPTOM/CONDITION:

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that the following Diagnostic Trouble Codes (DTCs) have been set:

- C1013-49 - Half Module Faulty - Internal Electronic Failure.
- U1702-64 - Electric Power Steering (EPS) - Signal Plausibility Failure.

NOTE: Both DTCs listed will be set simultaneously.

In addition, the customer may notice one or more of the following:

- A "Lane Assist Malfunction/Feature Not Available" message displayed in the Electronic Vehicle Information Center (EVIC).
- "Lane Sense Off" message appears in the EVIC while driving, simultaneously turning the lane sense off.

- Power steering system warning lamp is illuminated on the Instrument Panel Cluster (IPC) (Fig. 1) .



Fig. 1
IPC Warning Lamp

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the one listed 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 EPS module with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
2. 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.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-56-9B	Module, Electric Power Steering (EPS) - 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 4 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

The dealer must use failure code CC with this Service Bulletin.

- If the customer's concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used.
- When utilizing this failure code, the 3C's (customer's concern, cause and correction) must be provided for processing Service Bulletin flash/reprogramming conditions.

CC	Customer Concern
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