



NUMBER: 18-001-21

GROUP: 18 - Vehicle Performance

DATE: January 14, 2021

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This bulletin supersedes Service Bulletin 18-006-20 REV. A, dated August 29, 2020, which should be removed from your files. All revisions are highlighted with **asterisks**** and include revised engine Sales Code.**

SUBJECT:

Flash: Powertrain Control Module (PCM) Updates

OVERVIEW:

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

MODELS:

2020 (KL) Jeep Cherokee

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

NOTE: This bulletin applies to vehicles built on or before July 09, 2020 (MDH 0709XX) equipped with a ****2.4L I4 Zero EVAP M-AIR Engine W/ESS (Sales Code EDE)****.

NOTE: This bulletin applies to vehicles built on or before December 18, 2019 (MDH 1218XX) equipped with a ****2.4L I4 Zero EVAP M-AIR Engine W/ESS (Sales Code EDE)**** and Active Speed Limiting Device (Sales Code NH2) (APAC, EMEA and LATAM only).

SYMPTOM/CONDITION:

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find the following DTC.

- P1614-00 - ECU Reset-Recovery Occurred (**North America Only**).

Customers may experience a message on the instrument cluster stating "Speed Limiter Ready" after the first press of the speed limiter button and the Active Vehicle Speed Limiter (AVSL) is inoperative (**Sales Code NH2**).

NOTE: Inform the customer after the software update that the proper operative will be when the customer presses the speed limiter button twice a message on the instrument cluster stating "Speed limiter ready" and the AVSL feature will work correctly (**Sales Code NH2**).

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 ones 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.

NOTE: The Transmission Control Module (TCM) must be updated to the latest available software at the conclusion of this repair procedure. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the TCM software.

1. Reprogram the PCM 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. Perform a hard reset on the PCM using wiTECH.
3. Turn the ignition off for a minimum of 30 seconds then turn the ignition back on, clear any 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. Verify the TCM is programmed with the latest available software. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the TCM software.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-06-B8	Module, Powertrain Control (PCM) - Reprogram (0 - Introduction)	1 - Engine Repair and Performance	0.3 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 7 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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