



NUMBER: 21-027-14

GROUP: Transmission and Transfer Case

DATE: September 05, 2014

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THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 14-070. 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 15.01 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Flash: MIL Illumination For P0733, P061B, P1DB8

OVERVIEW:

This bulletin involves selectively erasing and reprogramming the Transmission Control Module (TCM) with new software.

MODELS:

2014 - 2015 (KL) Jeep Cherokee (International Markets Only)

NOTE: This bulletin applies to vehicles equipped with 2.0L I4 Turbo Diesel Engine (sales code EBT) and 9-SPD 948TE 4WD Auto Trans (sales code DFJ) and 9-SPD 948TE FWD/AWD Auto Trans (sales code DFH).

SYMPTOM/CONDITION:

The following Transmission Control Module (TCM) calibration improvements are available.

- P0733 Gear 3 Shift Incorrect Ratio
- P061B Internal Control Module Torque Calculation Performance
- P1DB8 Due to erroneous DTC
- Improved downshift response in Adaptive Cruise Control (ACC) operation when there is a driver override.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all TCM systems are functioning as designed. If DTCs are present

other than the ones listed above, 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.

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 TCM with the latest software. Help using the wiTECH Diagnostic Application for flashing control modules is available through the wiTECH Diagnostic Application. For instructions select the "HELP" tab on upper portion of the wiTECH window, then "HELP CONTENTS". This will open the Welcome to wiTECH Help screen where help topics can be selected.
2. Clear any DTCs that may have been set in other modules due to reprogramming. The wiTECH application will automatically present all DTC's after the flash and allow the tech to clear them.

NOTE: After the TCM flash the Proxi configuration routine must be run.

NOTE: This flash will clear the transmission adaptive values. Transmission requires the transmission Adaptation Learn Procedure. Refer to Service Bulletin 21-013-13 for detailed procedures.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-05-G9	Module, Transmission Control Module- (TCM) - Reprogram (1 - Semi-Skilled)	2 - Automatic Transmission	0.2Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 3 minutes. Actual flash download times may be effected by vehicle connection and network capabilities.

FAILURE CODE:

FM	Flash Module
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