



NUMBER: 21-004-10

GROUP: Transmission and Transfer

DATE: July 29, 2010

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THE wiTECH DIAGNOSTIC APPLICATION IS THE PREFERRED METHOD FOR FLASHING ECUs.

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 11.04 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Flash: Shudder during Acceleration, Coast or Deceleration

OVERVIEW:

This bulletin involves flash reprogramming the Drive Train Control Module (DTCM) with new software.

MODELS:

2011 (WK) Grand Cherokee

NOTE: This Service Bulletin applies to vehicles equipped with a electronic 4WD Quadra-Drive (II) transfer case (Sales Code DKA) built before July 26, 2010 (MDH 0726XX).

SYMPTOM/CONDITION:

Some customers may notice that they feel a shudder during the following conditions:

- For vehicles equipped with a 5.7L engine during acceleration between 40 - 60 mph in Auto and Sport modes.
- For vehicles equipped with a 3.6L engine during coast or deceleration from 60 mph in Auto and Sport modes.

The DTCM software was configured to reduce the 4WD torque to the front axle during non-slip events under normal driving conditions.

DIAGNOSIS:

Using a Scan Tool (wiTECH™) with the appropriate Diagnostic Procedures available in TechCONNECT, verify no DTC's are set. If DTC's are present record them on the repair order and repair as necessary before proceeding further with this bulletin.

If the above condition is present, perform the Repair Procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
1	04275086AB	Label, Authorized Modification

REPAIR PROCEDURE:

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

1. Reprogram the DTCM with the latest software. Follow the detailed service procedures available in DealerCONNECT/TechCONNECT, Refer To Group 8 - Electrical > Electronic Control Modules - Service Information > Module - Drive Tran Control > Standard Procedures > PCM/ECM Programming - Gas. **After DTCM reprogramming, the following must be performed:**
 - a. Clear any DTC's that may have been set in other modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow the tech to clear them.
2. Type the necessary information on the "Authorized Modification Label" and attach it near the VECI label.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
18-19-07-91	Module, Drive Train Control (DTCM) - Reprogram (C)	0.2 Hrs.

FAILURE CODE:

FM	Flash Module
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