



**NUMBER:** 18-034-11

**GROUP:** Vehicle Performance

**DATE:** June 29, 2011

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**THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 11-063. 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 12.01 OR HIGHER TO PERFORM THIS PROCEDURE.**

***SUBJECT:***

Flash: PCM For International Vehicle Top Speed Adjustments With Continental Tires

***OVERVIEW:***

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

**NOTE: When flashing the PCM be sure to select the correct software file to reprogram into the PCM based on vehicle speed. You will be presented with two choices; one for 130 mph (209 kph) and one for 140 mph (225 kph).**

***MODELS:***

2011 (WK) Grand Cherokee (International Markets Only)

**NOTE: This bulletin applies to international vehicles equipped with a 5.7L engine (sales code EZH) and Continental 265/50R 20" 3 season performance tires (sales code TX9 ) with export emissions (sales code NA1 ) built before January 14, 2011 (MDH 0114XX).**

***SYMPTOM/CONDITION:***

The customer may experience a condition where they can not reach a top speed of 140 mph (225 kph). The is due to the PCM being programmed with the 130 mph (209 kph) software.

A change was made to the calibration to allow international vehicles equipped with Continental 265/50R 20' 3 season performance tires to be programmed to reach a top speed of 140 mph (225 kph).

Updating the software will correct the conditions listed above.

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, perform the Repair Procedure.

**DIAGNOSIS:**

Using a Scan Tool (wiTECH™) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine and transmission systems are functioning as designed. 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: 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: When flashing the PCM be sure to select the correct software file to reprogram into the PCM based on vehicle speed. You will be presented with two choices; one for 130 mph (209 kph) and one for 140 mph (225 kph).**

1. Reprogram the PCM with the latest software. Follow the detailed service procedures available in DealerCONNECT/TechCONNECT, Refer To Group 8 - Electrical > Electronic Control Modules - Service Information > Module - Powertrain Control > Standard Procedures > PCM Programming. **After 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:**

<b>Labor Operation No:</b>	<b>Description</b>	<b>Amount</b>
18-19-06-L8	Module, Powertrain Control (PCM) - Reprogram (C)	0.2 Hrs.

**FAILURE CODE:**

FM	Flash Module
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