



**NUMBER:** 18-004-09 REV. A

**GROUP:** Vehicle Performance

**DATE:** April 1, 2009

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**THIS BULLETIN SUPERSEDES TECHNICAL SERVICE BULLETIN 18-004-09, DATED FEBRUARY 6, 2009, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **\*\*ASTERISKS\*\*** AND INCLUDE THE ADDITIONAL MODEL YEARS.**

**THE StarSCAN® FLASH FILES FOR THIS BULLETIN MUST BE RETRIEVED FROM THE INTERNET.**

**StarSCAN® SOFTWARE LEVEL MUST BE AT RELEASE 9.05 OR HIGHER FOR THIS BULLETIN.**

**StarMOBILE STANDALONE MODE OR StarMOBILE DESKTOP CLIENT MAY ALSO BE USED TO PERFORM THIS PROCEDURE.**

***SUBJECT:***

Flash: Hesitation Feel Between 38 To 45 MPH

***OVERVIEW:***

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

***MODELS:***

<b>**2005**</b> - 2007 (WK)	Grand Cherokee
<b>**2006**</b> - 2007 (XK)	Commander

**NOTE: This bulletin applies to vehicle equipped with a 4.7L engine (sales code EVA or EVD).**

***SYMPTOM/CONDITION:***

Some customers may complain of a condition that feels like an irregular, very short, slight deceleration as if the vehicle is being "tugged" from behind. This condition exists between 1000 and 1600 rpm, 38 to 45 mph at constant speed. This condition will be more noticeable during a light acceleration within the 38 to 45 mph vehicle speed.

This new software update has removed 3rd gear partial lockup and raised the 4th gear full lockup speed to 50 mph.



**Stick with the Specialists™**

**NOTE: Two PCM calibrations are available for this vehicle. Please review the flash description to ensure you are selecting the proper file for this condition.**

**DIAGNOSIS:**

Using a Scan Tool (StarSCAN®) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine systems are functioning as designed. If DTC's other than the ones listed above are present record them on the repair order and repair as necessary before proceeding further with this bulletin.

**PARTS REQUIRED:**

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

**SPECIAL TOOLS / EQUIPMENT REQUIRED:**

NPN	Battery Charger
CH9401	StarSCAN® Tool
CH9404D	StarSCAN® Vehicle Cable
CH9409	StarSCAN® Documentation Kit
CH9410	StarSCAN® Ethernet Cable, 12 ft.
CH9412	StarSCAN® Software Update Device Kit
	TechCONNECT PC or equivalent

**REPAIR PROCEDURE - USING THE INTERNET TO RETRIEVE THE FLASH FILE:**

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

1. Reprogram the PCM with the latest software. Follow the detailed service procedures available in DealerCONNECT/TechCONNECT, Refer To Group 8 - Electrical > 8E - Electronic Control Modules > Module - Powertrain Control > Standard Procedures > PCM/ECM Programming - Gas.
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
18-19-06-F2	Module, Powertrain Control (PCM) - Reprogram (B)	0.4 Hrs.

**FAILURE CODE:**

ZZ	Service Action
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