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

StarSCAN® SOFTWARE LEVEL MUST BE AT RELEASE 8.01 OR HIGHER FOR THIS BULLETIN.

SUBJECT:
FLASH: MIL Illumination With Diagnostic Trouble Code P0741- Torque Converter Clutch Circuit Performance

OVERVIEW:
This bulletin involves selectively erasing and reprogramming the Transmission Control Module (TCM).

MODELS:

2007	(LX)	300, Charger, Magnum
2007	(LE)	300/Touring (International Markets)
2007	(L2)	300 (China)
2007	(KA)	Nitro
2007	(WK)	Grand Cherokee
2007	(WH)	Grand Cherokee (International Markets)
2007	(XK)	Commander
2007	(XH)	Commander (International markets)

NOTE: This bulletin applies to vehicles equipped with a NAG1 transmission (Sales Code DGJ or DGU).

SYMPTOM/CONDITION:
Some vehicle's may experience a illumination of the Malfunction Indicator Lamp (MIL) for P0741 - Torque Converter Clutch Circuit Performance DTC.

DIAGNOSIS:
Using a Scan Tool (StarSCAN®) 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 vehicle operator describes the Symptom/Condition or if can be duplicated, perform the Repair Procedure

PARTS REQUIRED:

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

SPECIAL TOOLS / EQUIPMENT REQUIRED:

NPN	Battery Charger
CH9401	StarSCAN® Tool
CH9404	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: When performing this Repair Procedure, the software release level in the StarSCAN®; must be programmed with 8.01 software or higher. The software release level is visible in the blue header at the top of the StarSCAN® screen.

NOTE: The StarSCAN® diagnostic scan tool fully supports Internet connectivity. However, to take advantage of this feature you must first configure the StarSCAN® for your dealership's network. Make sure the StarSCAN® is configured to the dealership's network before proceeding. For instruction on setting up your StarSCAN® for the dealer's network refer to either: "DealerCONNECT > Service > StarSCAN and StarMOBILE tools > Online Documentation", or refer to the StarSCAN® Quick Start Networking Guide. The StarSCAN® Quick Start Networking Guide is also available on the www.dcctools.com website under the "Download Center".

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

1. Open the hood and install a battery charger. Using a voltmeter, verify that the charging rate provides 13.2 - 13.5 volts. Set the battery charger to continuous charge. Do not allow the charger to time out during the flash process. Remove the charger from the battery when the flash process is complete.

NOTE: Do not allow the charging voltage to climb above 13.5 volts during the flash process.

2. Connect the CH9410 StarSCAN® ethernet cable to the StarSCAN® and the dealer's network drop.
3. Connect the CH9404 StarSCAN® vehicle cable to the StarSCAN® and the vehicle.

4. Power ON the StarSCAN®.
5. Select "ECU View"
6. Touch the screen to highlight the appropriate ECU in the list of modules.
7. Select "More Options"
8. Select "ECU Flash"
9. Record the part number at the top of the "Flash TCM" screen for later reference.
10. Select "Browse for New File". Follow the on screen instructions.
11. Highlight the calibration then select "Download to Scantool".
12. Select "Close" after the download is complete, then select "Back".
13. Highlight the listed calibration.
14. Select "Update Controller". Follow on screen instructions.
15. When the TCM update is complete, select "OK".
16. Verify the part number at the top of the "Flash TCM" screen has updated to the new part number.

NOTE: Due to the TCM programming procedure, a DTC may be set in other modules (PCM, BCM, MIC, SKREEM, etc.) within the vehicle, if so equipped. Some DTC's may cause the MIL to illuminate. From the "Home" screen select "System View". Then select "All DTCs". Press "Clear All Stored DTCs" if there are any DTCs shown on the list.

NOTE: The following step is required by law when reprogramming a PCM and/or TCM.

17. Type the necessary information on the "Authorized Modification Label" p/n 04275086AB and attach near the VECI label (Fig. 1).
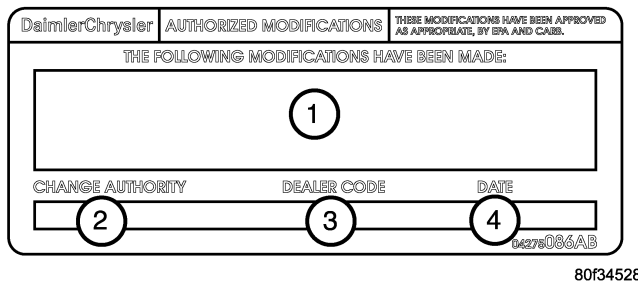

Fig. 1 AUTHORIZED MODIFICATION LABEL

1 - **POWERTRAIN CONTROL / TRANSMISSION CONTROL MODULE P/N's (INSERT P/N's) USED**

2 - CHANGE AUTHORITY: TSB XX-XXX-XX

3 - DEALER CODE: XXXXX

4 - DATE: XX-XX-XX

POLICY:
Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
18-19-05-17	Module, Transmission Control (TCM) - Reprogram (B)	0.3 Hrs

FAILURE CODE:

ZZ	Service Action