SERVICE BULLETIN

CHRYSLER
Jeep
DODGE

NUMBER: 08-008-07 REV. A

GROUP: Electrical

DATE: December 14, 2007

THIS BULLETIN SUPERSEDES TECHNICAL SERVICE BULLETIN 08-008-07, DATED MARCH 8, 2007, WHICH SHOULD BE REMOVED FROM YOUR FILES. THIS IS A COMPLETE REVISION AND NO ASTERISKS HAVE BEEN USED TO HIGHLIGHT REVISIONS.

THE StarSCAN® FLASH FILES FOR THIS BULLETIN ARE AVAILABLE VIA THE INTERNET.

StarSCAN® SOFTWARE LEVEL MUST BE AT RELEASE 8.03 OR HIGHER FOR THIS BULLETIN.

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

SUBJECT:
Flash: Wireless Control Module (WCM) For "Service Tire Pressure Monitor System" displayed in the EVIC

OVERVIEW:
This bulletin involves selectively erasing and reprogramming the Wireless Control Module (WCM) with new software.

MODELS:

2007	(WK)	Grand Cherokee
2007	(XK)	Commander
2007	(LX)	300/ Charger/ Magnum

NOTE: This bulletin applies to vehicles equipped with a Premium Tire Pressure Monitor, Sales Code: XGM.

SYMPTOM/CONDITION:
Customers may experience an erroneous "Service Tire Pressure Monitor System" displayed in the Electronic Vehicle Information Center (EVIC). This message will be displayed in the EVIC for 60 seconds with no illumination of the Tire Pressure Monitor (TPM) warning lamp and is most likely to happen in cold temperatures.

WCM diagnostics could reveal any of the following Diagnostic Trouble Codes:

- C1506 - Left Front Tire Pressure Trigger Module Performance
- C1507 - Right Front Tire Pressure Trigger Module Performance
- C1509 - Right Rear Tire Pressure Trigger Module Performance

DIAGNOSIS:

Using a Scan Tool (StarSCAN®) with TechCONNECT and the appropriate Diagnostic Procedures, verify all systems are functioning as designed. If DTCs are present, other than for the tire pressure monitoring system, record them on the repair order and repair as necessary before proceeding further with this bulletin.

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
	Latest StarSCAN® Software Update CD

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

NOTE: The StarMOBILE™ in standalone mode can be used for the flash.

NOTE: Before performing this Repair Procedure, the operating software in the StarSCAN®; must be programmed with software release level 8.03 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".

1. Open the hood, install a battery charger and verify that the charging rate provides approximately 13.5 volts.
2. Connect the CH9410 StarSCAN® ethernet cable to the StarSCAN® and the dealer's network drop.
3. Connect the CH9404D StarSCAN® vehicle cable to the StarSCAN® and the vehicle.
4. Power ON the StarSCAN®.
5. Turn the ignition switch to the run position.
6. Retrieve the old WCM part number. Using the StarSCAN® at the "Home" screen:

    a. Select "ECU View"

    b. Touch the screen to highlight the appropriate ECU (WCM) in the list of modules.

    c. Record the WCM "Part Number", displayed on the "ECU Overview" screen, for later reference.

7. Download the flash file from the internet to the StarSCAN®. Using the StarSCAN® at the "ECU Overview" screen:

    a. Select "More Options"

    b. Select "ECU Flash".

    c. Select "Browse for New File". Follow the on screen instructions.

    d. Select "Download to Scantool".

    e. Select "Close" after the download is complete, then select "Back".

    f. Highlight the listed calibration.

    g. Select "Update Controller".

    h. When the WCM update is complete, select "OK".

NOTE: Due to the WCM programming procedure, a DTC may be set in other modules (PCM, ECM, BCM, 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.

POLICY:
Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
18-19-28-10	Wireless Control Module, Reprogram (B)	0.3 Hrs.

FAILURE CODE:

ZZ	Service Action