August 9, 2005

TO: ALL CHRYSLER and JEEP DEALERS

FROM: J. E. HILGER

SUBJECT: RAPID RESPONSE TRANSMITTAL SERVICE ACTION 05-020
             FLASH – Wireless Control Model Ignition Off Draw

INVOLVED VEHICLES: 2006   (LX/LE)   300/Charger/Magnum (All Markets)
                       2006   (WK/WH)   Grand Cherokee (All Markets)
                       2006   (XK)   Commander

**NOTE: The VIN List is available on DealerCONNECT for all affected dealers.
The VIN List has been inserted in the Service Tab under Rapid Response Transmittals.
The dealers receiving the Rapid Response Transmittal Service Action are the "Ship To"
dealers and the VIN's listed are specific to their dealership.**

DISCUSSION:
A number of vehicles shipped to dealers with Wireless Control Modules (WCM) may enter a
mode that causes the vehicle communication bus to remain awake until the battery is
completely discharged. This action involves selectively erasing and reprogramming the (WCM)
with new software.

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
Latest StarSCAN® Software Update CD Version 6.02

REPAIR PROCEDURE:

**NOTE: THE StarSCAN® FLASH FILES FOR THIS SERVICE ACTION ARE AVAILABLE VIA
     THE INTERNET.**

**NOTE: The StarSCAN® must be at version 6.02 or higher before the "Using The Internet
     To Retrieve The Flash File" repair procedure can be performed.**

**NOTE: The StarSCAN® diagnostic scan tool fully supports Internet connectivity.
     However, in order to take advantage of this feature you must first configure the
     StarSCAN® for your dealership's network. For instruction on setting up your
     StarSCAN® for the dealer's network; refer to the StarSCAN® Quick Start
     Networking Guide 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, 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 CH9404 StarSCAN® vehicle cable to the StarSCAN® and the vehicle.
4. Turn ON the ignition then power ON the StarSCAN®.

NOTE: DO NOT use the WCM part number to determine WCM module software level. Use the StarSCAN® to read the current (and updated) software level in the WCM module.

5. Retrieve the old WCM module part number and software version level. Using the StarSCAN® at the "Home" screen:
    a. Select "ECU View"
    b. Touch the screen to highlight the WCM module in the list of modules.
    c. From the "ECU Overview" screen select "More Options" then "ECU Details".
    d. Record the Module Part Number and Software Version (Major/Middle/Minor), displayed on the "ECU Details" screen, for later reference.
6. Download the flash file from the internet to the StarSCAN®. Using the StarSCAN® at the "ECU Overview" screen:
    a. Select "Back"
    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 file.
    g. Select "Update Controller".
    h. When the update is complete, select "OK".
    i. Select "ECU Details", verify that the Software Version (Major/Middle/Minor) number has changed. The new version number is 20.00.06.

NOTE: Due to the WCM module programming procedure, a DTC may be set in other modules (TCM, 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.

POLICY: Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:
Labor Operation No: 08-80-28-94   0.3 Hrs.

FAILURE CODE: FM - Flash Module

If you have any questions, contact your Business Center.

J. E. Hilger
Vice President

Global Service