



NUMBER: 08-032-07

GROUP: Electrical

DATE: December 21, 2007

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THE StarSCAN® FLASH FILES FOR THIS BULLETIN MUST BE RETRIEVED FROM 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: Radio - Temperature Display In Cluster Revert To U.S. Units Intermittently

OVERVIEW:

This bulletin involves selectively erasing and reprogramming the Radio with new software.

NOTE: After the module flash is performed, the ambient temperature will not automatically update, but it will start at 77 °F (25 °C). To get the temperature reading to update, the vehicle must be driven above 20 MPH for up to 2.5 minutes. For the quickest results, drive the vehicle on an expressway.

MODELS:

2008	(HB)	Durango
2008	(HG)	Aspen
2007 - 2008	(JK)	Wrangler
2007 - 2008	(JS)	Sebring/Avenger
2007 - 2008	(KA)	Nitro
2008	(KK)	Liberty
2008	(LE)	300C/300C Touring (International Markets)
2008	(LX)	300/Magnum/Charger
2008	(ND)	Dakota
2008	(RT)	Town & Country/Grand Caravan (U.S. and International Markets)
2008	(WH)	Grand Cherokee (International Markets)
2008	(WK)	Grand Cherokee



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2008	(XH)	Commander (International Markets)
2008	(XK)	Commander

NOTE: This bulletin applies to the above listed vehicles equipped with a radio (sales code REL, REQ or RET) built before the following dates:

- HB/HG > November 16, 2007 (MDH 1116XX)
- JK >>>> October 24, 2007 (MDH 1024XX)
- JS >>>> November 19, 2007 (MDH 1119XX)
- KA >>>> October 24, 2007 (MDH 1024XX)
- KK >>>> October 24, 2007 (MDH 1024XX)
- LE >>>> November 9, 2007 (MDH 1109XX)
- LX >>>> November 9, 2007 (MDH 1109XX)
- ND >>>> November 20, 2007 (MDH 1120XX)
- RT >>>> November 8, 2007 (MDH 1108XX)
- WH/XH > October 22, 2007 (MDH 1022XX)
- WK/XK > August 22, 2007 (MDH 0822XX)

SYMPTOM/CONDITION:

Vehicle operator may experience outside temperature readings in U.S. units (F) yet still shows (C) in the display intermittently without customer input or after a battery disconnect or module reset.

DIAGNOSIS:

Using a Scan Tool (StarSCAN®) with TechCONNECT and the appropriate Diagnostic Procedures, verify all 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 customer describes the Symptom/Condition and there are no other Radio or CCN temperature sensor issues, perform the Repair Procedure.

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: 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".

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

1. Install a battery charger and verify that the charging rate provides approximately 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.
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 data link connector (DLC).
4. Power ON the StarSCAN®.
5. Turn the ignition key to the run position.
6. Select "ECU View"
7. Touch the screen to highlight the Radio in the list of modules.
8. Select "More Options"
9. Select "ECU Flash".
10. Record the "Part Number", displayed on the "Flash Radio" screen, for later reference.
11. Select "Browse for New File". Follow the on screen instructions.
12. Highlight the listed Radio calibration.
13. Select "Download to Scantool".
14. Select "Close" after the download is complete, then select "Back".
15. Select "Update Controller". Follow the on screen instructions.
16. When the Radio update is complete, select "OK". update is complete, select "OK".
17. Verify that the part number changed at the top of the "Flash Radio" screen.

NOTE: Due to the Radio programming procedure, a DTC may be set in other modules (TCM, BCM, 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:	Description	Amount
18-60-02-13	Flash Reprogram - Radio (B)	0.4 Hrs.

FAILURE CODE:

ZZ	Service Action
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