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GROUP: Electrical

DATE: March 6, 2008

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

StarSCAN® SOFTWARE LEVEL MUST BE AT RELEASE 8.04 OR HIGHER FOR THIS BULLETIN.

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

SUBJECT:

Flash: Radio - Sound Mutes Intermittently When Radio Is In SAT (Sirius) Mode

OVERVIEW:

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

MODELS:

2008	(HB)	Durango
2008	(HG)	Aspen
2008	(JK)	Wrangler
2008	(JS)	Sebring/Avenger
2009	(JC)	Journey
2008	(KA)	Nitro
2008	(KK)	Liberty
2008	(LX)	300/Magnum/Charger
2008	(ND)	Dakota
2008	(WK)	Grand Cherokee
2008	(XK)	Commander

NOTE: This bulletin applies to the above listed vehicles equipped with a AM/FM 6 Disc DVD MP3 radio and Sirius Satellite Radio (sales code REQ with RSC) built before the following dates:

- HB/HG > December 15, 2007 (MDH 1215XX)
- JK >>>> December 15, 2007 (MDH 1215XX)
- JS >>>> December 15, 2007 (MDH 1215XX)



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- KA >>>> December 15, 2007 (MDH 1215XX)
- KK >>>> December 15, 2007 (MDH 1215XX)
- LX >>>> December 15, 2007 (MDH 1215XX)
- ND >>>> November 20, 2007 (MDH 1120XX)
- WK/XK >>>> January 4, 2008 (MDH 0104XX)
- JC >>>> January 11, 2008 (MDH 0111XX)

SYMPTOM/CONDITION:

This condition may occur when the radio is in the SAT mode during power-up, the artist/song title is being displayed before audio is present and A or B below occurs:

- a. The on/off knob is pressed to turn the radio off.
- b. A mode change (button press) occurs.

After one of the above condition occurs and the mode is changed back to SAT; the display will be in SAT mode, with no AUDIO and the volume control will be inoperative. If the customer presses seek up/down or cycles the ignition key then the sound will be enabled.

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 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 8.04 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
18-60-02-14	Flash Reprogram - Radio (B)	0.3Hrs.

FAILURE CODE:

ZZ	Service Action
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