NO: 08-12-99 Rev. A

SUBJECT: Electronic Vehicle Information Center (EVIC) temperature sensor display

DATE: Sep. 24, 1999

THIS BULLETIN SUPERSEDES TECHNICAL SERVICE BULLETIN NUMBER 08-12-99, DATED MAY 7, 1999, WHICH SHOULD BE REMOVED FROM YOUR FILES. THIS BULLETIN REVISES THE PROCEDURE AND AN INCORRECT CABLE CONNECTOR. THE REVISION IS HIGHLIGHTED WITH **ASTERISKS.**

OVERVIEW:

This bulletin involves flash reprogramming the Body Control Module (BCM).

SYMPTOM/CONDITION:

The outside temperature reading displayed in the overhead console can, in certain low speed driving situations, display an incorrect value. The system was originally programmed to delay the temperature update in the module, if you were, for example, stuck in traffic. This was done to avoid the effect of road temperatures or engine compartment heat from influencing the temperature reading. One example of a situation that can occur is when a vehicle is parked in a garage in cold temperatures. The garage could be 20 degrees warmer than the outside air temperature. If the vehicle was started and did not reach speeds over 25 MPH, the display will update at start up and may not update again until the vehicle reached speeds over 25 MPH. This would cause a 20-degree discrepancy on the display. New programming has been implemented in the Body Control Module (BCM) to reduce the likelihood of this occurrence.

DIAGNOSIS:

1. Connect the DRB III$^®$ to the vehicle diagnostic connector using cable CH 7001.
2. From the DRB III main menu, select "1", DRB III$^®$ Standalone.
3. From the DRB III$^®$, select 1999 Diagnostics.
4. From the diagnostic menu, select "Body".
5. From the Body menu, select "Body Computer".
6. From the Body Computer options, select "Module Display".
7. Check the "Version" code. If it is 19, no update is necessary. If it is less than 19, perform the Repair Procedure to update the software.

REPAIR PROCEDURE:

> **THIS REPAIR IS COMPATIBLE WITH DAIMLERCHRYSLER'S MOBILE SERVICE PROGRAM AND DOES NOT REQUIRE HOISTS OR OTHER FULL SERVICE FACILITY SPECIAL EQUIPMENT.**

1. Connect the DRB III$^®$ to the MDS2 using cables **CH7025 and CH7035A**.
2. From the DRB III$^®$ main menu select "2", "Connect the MDS2".
3. From the DRB III$^®$ select "2", "Run MDS2 application".
4. From MDS2 select "YME session".
5. From MDS2 select "1999 WJ Grand Cherokee and the appropriate engine", then click "OK".
6. From MDS2 select "Flash".
7. From MDS2 enter the TSB number and click on "Show Updates".
8. From MDS2 highlight the available software update, then click "Download Software".
9. A pop up message will indicate that the download was successful, when it does, disconnect the DRB III$^®$ from the MDS2.

10. Connect the DRB III® to the vehicle to be flashed using cable CH7001.

11. From the DRB III® main menu select "2", "Connect to MDS2 ".

12. From the DRB III® select " 2", "Run MDS2 Application".

13. From the DRB III® select "2", "Program Vehicle Controllers".

14. The DRB III® will then highlight the BCM part number and status as "loaded in DRB III® ".

15. From the DRB III®, highlight the appropriate version, then press enter and follow the instructions on the DRB III®.

16. After the programming is complete, the DRB III® will ask if you want to reprogram another controller. Select yes or no and follow the instructions on the screen.

NOTE: SELECTING NO WILL ERASE THE FLASH PROGRAM FROM THE DRB III® MEMORY. ONLY SELECT NO IF THERE ARE NO OTHER CONTROLLERS TO BE FLASHED.

NOTE: LABELS INDICATING THE NEW PART NUMBER ARE NOT REQUIRED FOR BODY CONTROL MODULE REPROGRAMMING.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Op. No.	Time
08-19-60-91	0.2 Hrs.

FAILURE CODE:

Code	Description
FM	Flash Module