

Technical Service Bulletin

NUMBER: 18-020-00

GROUP: Vehicle
Performance

DATE: Oct. 6, 2000

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SUBJECT:

Tip In Hesitation Caused By High DI Fuel

OVERVIEW:

This bulletin involves selectively erasing and reprogramming the Powertrain Control Module (PCM) with new software.

MODELS:

2001 (PL) Neon

NOTE: THIS INFORMATION APPLIES TO VEHICLES EQUIPPED WITH AN AUTOMATIC TRANSAXLE BUILT PRIOR TO SEPT. 26, 2000 (MDH0926XX).

SYMPTOM/CONDITION:

Some vehicles may exhibit a cold start tip in hesitation when accelerating from a stop in ambient temperatures between 10° and 27° C (50° and 80° F). This condition will disappear in approximately 45 seconds after the start. See TSB 14-08-97 dated Nov. 21, 1997 for a detailed explanation of high DI fuel.

DIAGNOSIS:

Using the Mopar Diagnostic System (MDS2) and or the Diagnostic Scan Tool (DRB III®) with the appropriate Diagnostic Procedures, verify all engine/transmission systems are functioning as designed. If other Diagnostic Trouble Codes (DTC's) are present, record them on the repair order and repair as necessary before proceeding further with this bulletin. If the condition(s) can be duplicated or is described by the customer, perform the Repair Procedure.

NOTE: WHENEVER A POWERTRAIN CONTROL MODULE (PCM) IS REPLACED, THE SOFTWARE OF THE REPLACEMENT CONTROLLER MUST BE VERIFIED FOR THE LATEST REVISION LEVEL. USE THE FLASH PROCEDURE TO UPDATE REPLACED CONTROLLERS AS NECESSARY.

PARTS REQUIRED:

Qty.	Part No.	Description
1	04669020	Label, Authorized Software Update
1	04275086	Label, Authorized Modification

EQUIPMENT REQUIRED:

CH6000	Scan Tool (DRB III™)
CH7035	General Purpose Interface Cable (GPIB)
CH7000/7001	J1962 Cable
	MDS2

NOTE: THE MDS2 AND DRB III® ARE REQUIRED TO PERFORM PART OF THIS REPAIR. THE MDS2 SYSTEM MUST BE OPERATING WITH CIS CD2069 OR HIGHER.

REPAIR PROCEDURE:

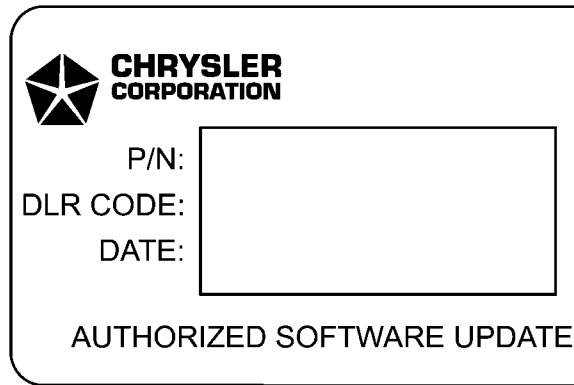
1. Log onto the MDS2 System.
2. Connect the MDS2 (Mopar Diagnostic System) and DRB III® (Scan Tool) to the vehicle and switch the ignition to "ON".

NOTE: AUTO CONNECTION WILL OCCUR ONCE THE DRB III®, MDS2 AND VEHICLE ESTABLISH COMMUNICATION. THE "CANNOT READ VIN FROM DRB III®" MESSAGE (ON THE MDS2) WILL BE REPLACED BY THE VEHICLE VIN. PRESS THE "OK" BUTTON ON THE MDS2 TO REQUEST A MDS2 SESSION FOR THE VEHICLE VIN INDICATED. PRESS THE "OK" BUTTON WHEN ASKED TO BEGIN SESSION.

3. Push the FLASH tab on the MDS2.
4. Select READ PART NUMBERS FROM VEHICLE and click SHOW UPDATES on the MDS2.

NOTE: A MESSAGE MAY APPEAR (AFTER STEP 3 OR 4) THAT INDICATES NO UPDATES ARE AVAILABLE. IF THIS OCCURS, MAKE SURE YOUR DIAGNOSTIC EQUIPMENT IS OPERATING AT THE LATEST SOFTWARE LEVEL AS LISTED EARLIER IN THIS BULLETIN. IF THE LATEST SOFTWARE IS INSTALLED, AND NO UPDATES ARE AVAILABLE, ANOTHER VEHICLE CONDITION EXISTS THAT WILL REQUIRE FURTHER INVESTIGATION.

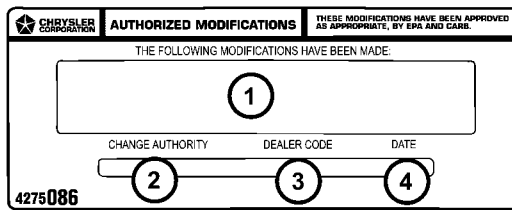
5. Select the new software part number with the light pen and click UPDATE CONTROLLER SOFTWARE.
6. The MDS2 and DRB III® will prompt for any operator action needed during the remainder of the reprogramming process.
7. Type the necessary information on the "authorized Software Update Label" p/n 04669020 (Fig. 1). Attach the label to the PCM and cover the label with the clear plastic overlay.



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Fig. 1 AUTHORIZED SOFTWARE UPDATE LABEL

- 8. Type the necessary information on the “Authorized Modification Label” p/n 04275086 (Fig. 2) and attach the label near the VECI label.



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Fig. 2 AUTHORIZED MODIFICATION LABEL

- 1 - POWERTRAIN CONTROL MODULE P/N (INSERT P/N) USED
- 2 - CHANGE AUTHORITY: TSB XX-XX-XX
- 3 - DEALER CODE: XXXXX
- 4 - DATE: XX-XX-XX

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation	08-19-45-99	0.5 Hrs.
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No:

FAILURE CODE:

FM	Flash Module
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