



**NUMBER:** 18-003-03

**GROUP:** Vehicle  
Performance

**DATE:** Feb. 21, 2003

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**THIS BULLETIN IS BEING PROVIDED IN ADVANCE. THE TechCONNECT/MDS2 MUST BE OPERATING WITH CIS CD2127 OR HIGHER, AVAILABLE MARCH 3, 2003.**

**SUBJECT:**

Flash: Erroneous Diagnostic Trouble Code (DTC) P0137

**OVERVIEW:**

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

**MODELS:**

2003 (PL) NEON/SX 2.0

**NOTE: THE BULLETIN APPLIES TO VEHICLES BUILT BEFORE JANUARY 2, 2003 (MDH 0102XX).**

**SYMPTOM/CONDITION:**

MIL illumination, DTC P0137, "O2 SENSOR VOLTAGE LOW".

**DIAGNOSIS:**

Using a Scan Tool (DRB III®) with the appropriate Diagnostic Procedures Manual, verify all engine systems are functioning as designed. If DTCs are present, other than those listed above, record them on the repair order and repair as necessary before proceeding further with this bulletin. If the Symptom/Condition is present, perform the Repair Procedure.

**PARTS REQUIRED:**

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

**EQUIPMENT REQUIRED:**

CH6000	Scan Tool (DRBIII®)
CH7035	General Purpose Interface Bus Cable (GPIB)
CH7000/7001	J1962 Cable
	MDS2 (Mopar Diagnostic System)

**REPAIR PROCEDURE:**

**NOTE: WHENEVER A PCM/TCM IS REPLACED OR REPROGRAMMED, THE SOFTWARE IN THE CONTROLLER AND DRBIII® MUST BE VERIFIED AS HAVING THE LATEST REVISION LEVEL.**

1. Connect a battery charger and set as close to 14 volts charge as possible.
2. Flash the PCM using the TechConnect/MDS2 (Mopar Diagnostic System) and DRBIII®.

**NOTE: DUE TO THE PCM REPROGRAMMING PROCEDURE, A DTC MAY BE SET IN OTHER MODULES (TCM, BCM, MIC, SKIM, ETC.) WITHIN THE VEHICLE, IF SO EQUIPPED. SOME DTC'S MAY CAUSE THE MIL TO ILLUMINATE. ALL DTC'S RELATE TO A LOSS OF COMMUNICATIONS WITH THE MODULE THAT IS BEING REPROGRAMMED. CHECK ALL MODULES, RECORD THE FAULTS, AND ERASE THESE FAULTS PRIOR TO RETURNING THE VEHICLE TO THE CUSTOMER. ERASE ANY FAULTS IN THE PCM ONLY AFTER ALL OTHER MODULES HAVE HAD THEIR FAULTS ERASED.**

**NOTE: THE FOLLOWING STEPS ARE REQUIRED BY LAW.**

3. Type the necessary information on the "Authorized Software Update Label" p/n 04669020 (Fig. 1). Attach the label to the PCM and/or TCM as necessary and cover the label(s) with the clear plastic overlay.

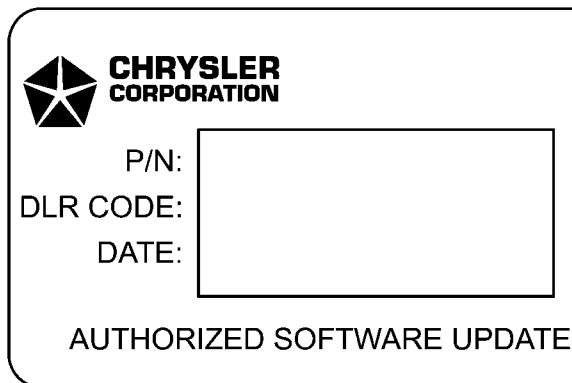
DaimlerChrysler	AUTHORIZED MODIFICATIONS	THESE MODIFICATIONS HAVE BEEN APPROVED AS APPROPRIATE, BY EPA, AND CASE.
THE FOLLOWING MODIFICATIONS HAVE BEEN MADE:		
<div style="border: 1px solid black; width: 100%; height: 40px; display: flex; justify-content: center; align-items: center;"> <span style="font-size: 24px; border: 1px solid black; border-radius: 50%; padding: 5px;">1</span> </div>		
CHANGE AUTHORITY	DEALER CODE	DATE
<div style="border: 1px solid black; width: 100%; height: 20px; display: flex; justify-content: center; align-items: center;"> <span style="font-size: 24px; border: 1px solid black; border-radius: 50%; padding: 5px;">2</span> </div>	<div style="border: 1px solid black; width: 100%; height: 20px; display: flex; justify-content: center; align-items: center;"> <span style="font-size: 24px; border: 1px solid black; border-radius: 50%; padding: 5px;">3</span> </div>	<div style="border: 1px solid black; width: 100%; height: 20px; display: flex; justify-content: center; align-items: center;"> <span style="font-size: 24px; border: 1px solid black; border-radius: 50%; padding: 5px;">4</span> </div>
04669020		

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**Fig. 1 AUTHORIZED MODIFICATION LABEL**

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

4. Type the necessary information on the "Authorized Modification Label" p/n 04275086AB and attach near the VECI label (Fig. 2).



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**Fig. 2 AUTHORIZED SOFTWARE UPDATE LABEL**

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Amount
08-19-41-95	Reprogram Powertrain Control Module	0.5 Hrs.

**FAILURE CODE:**

FM	Flash Module
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