



NUMBER: 18-016-02 REV. A

GROUP: Vehicle
Performance

DATE: September 23, 2002

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of DaimlerChrysler Corporation.

THIS BULLETIN SUPERSEDES TECHNICAL SERVICE BULLETIN 18-016-02, DATED MAY 20, 2002, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDES THE ADDITION OF A CALIBRATION, MODEL, AND MODEL YEAR.**

THIS BULLETIN IS BEING PROVIDED IN ADVANCE. THE MDS2 MUST BE OPERATING WITH CIS CD2118 OR HIGHER, AVAILABLE OCTOBER 14, 2002.

SUBJECT:

Flash: MIL Illumination For Erroneous DTC P0456 - EVAP Monitor Small Leak Detected

OVERVIEW:

This bulletin involves selectively erasing and reprogramming the Powertrain Control Module (PCM) with new software (02Cal19E) ****and (03Cal14D)****.

MODELS:

2002	(AN)	Dakota
2002	(DN)	Durango
2003	(WJ)	Grand Cherokee

NOTE: **THIS BULLETIN APPLIES TO 2002 (AN) DAKOTA AND (DN) DURANGO EQUIPPED WITH ANY CORPORATE ENGINE AND, 2003 (WJ) EQUIPPED WITH THE 4.7L ENGINE.******

SYMPTOM/CONDITION:

The Malfunction Indicator Lamp (MIL) may illuminate due to the erroneous detection of a small leak in the vehicle's evaporative system. The Diagnostic Trouble Code (DTC) associated with this condition is P0456 (EVAP Monitor Small Leak Detected.) No system leaks are detected when the evaporative system is tested. The DTC may be intermittent.

DIAGNOSIS:

If ****MIL is on and**** Diagnostic Trouble Code (DTC) P0456 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 (DRB III®)
CH7035	General Purpose Interface Bus Cable (GPIB)
CH7000/7001	J1962 Cable
	MDS2 (Mopar Diagnostic System)


REPAIR PROCEDURE:

1. Connect a battery charger and set as close to a 14 volts charge as possible.
2. Flash the PCM using the 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.

 CHRYSLER CORPORATION	P/N:	
	DLR CODE:	
	DATE:	
	AUTHORIZED SOFTWARE UPDATE	

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

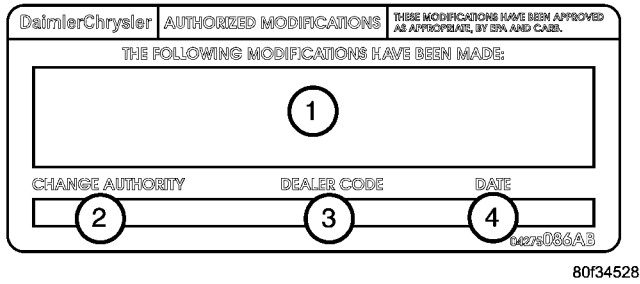


Fig. 2 AUTHORIZED MODIFICATION LABEL

- 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

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
08-19-48-90	Reprogram Powertrain Control Module	0.5 Hrs.

FAILURE CODE:

FM	Flash Module
----	--------------