



NUMBER: 08-002-03

GROUP: Electrical

DATE: January 31, 2003

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THIS BULLETIN SUPERSEDES TECHNICAL SERVICE BULLETIN 08-015-02, DATED SEPTEMBER 2, 2002, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS****. THIS REVISES A TYPOGRAPHICAL ERROR IN THE TIME ALLOWANCE SECTION.**

SUBJECT:

Condenser Fan Inoperative Due To Open Fuse

OVERVIEW:

This bulletin involves installing a new condenser fan, shroud and reprogramming the Powertrain Control Module (PCM).

MODELS:

2002 DR (Ram Truck)

SYMPTOM/CONDITION:

The condenser fan fuse (#39) in the power distribution center may open leaving the condenser fan inoperative. This may be caused by a condenser fan with excessive current draw or by water collecting in a trough in the fan shroud and freezing in cold weather, which can prevent the fan from turning. This may illuminate the Malfunction Indicator Light (MIL).

DIAGNOSIS:

If the vehicle exhibits the condition, perform the Repair Procedure.

PARTS REQUIRED:

1	05093760AA	Condensor Fan Motor
1	05080647AB	Shroud
1	04669020	Label, Authorized Software Update
1	04275086AB	Label, Authorized Modification

EQUIPMENT REQUIRED:

	Approved A/C Refrigerant Recovery, Recycling, Charging Equipment
	MDS2 (Mopar Diagnostic System)
CH6000	Scan Tool (DRB III®)
CH7035	General Purpose Interface Bus Cable



Stick with the Specialists™

	(GPIB)
CH7000/7001	J1962 Cable

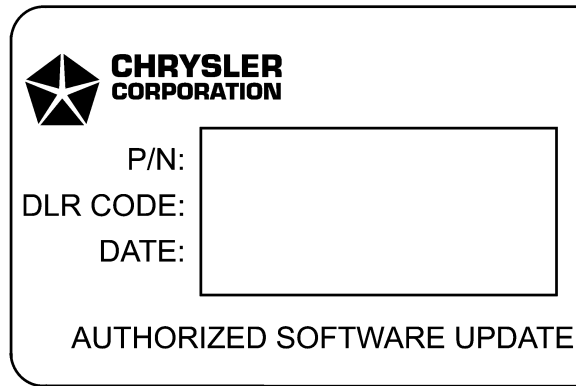
REPAIR PROCEDURE:

1. Using the procedures outlined in the 2002 Ram Truck Service Manual, publication number 81-370-02059, with approved A/C refrigerant recovery, recycling, charging equipment, recover the refrigerant from the system.
2. Disconnect the refrigerant lines from the condensers.
3. Remove the condenser/shroud assembly from the vehicle.
4. Remove the condenser from the shroud.
5. Remove the retainer clip from the fan and remove the fan from the fan motor.
6. Remove the motor from the shroud. Retain the attaching screws. Discard the motor and shroud.
7. Install the new motor, p/n 05093760AA, into the new shroud, p/n 05080647AB. Tighten the screws to 7 Nm (60 in. lbs.).
8. Install the fan onto the motor with the retaining clip removed previously.
9. Install the condenser into the shroud.
10. Install the condenser/shroud assembly. Tighten the screws to 10 Nm (90 in. lbs.)
11. Install a new 25 amp fuse into the PDC if this has not been done previously.
12. Charge the A/C system.
13. Connect a battery charger and set as close to a 14 volts charge as possible.
14. 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.

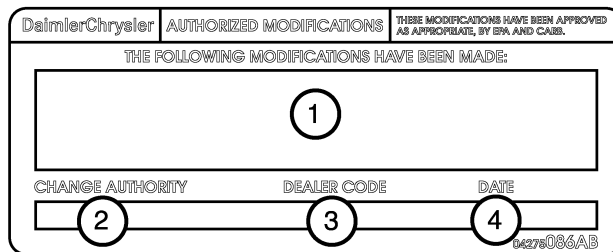
15. Type the necessary information on the "Authorized Software Update Label" p/n 04669020 (Fig. 1). Attach the label to the PCM and/or TCM as necessary and cover the label(s) with the clear plastic overlay.



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Fig. 1 AUTHORIZED SOFTWARE UPDATE LABEL

16. 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 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
08-19-42-98	Reprogram Powertrain Control Module	**0.5 Hrs.**
24-55-09-93	Replace Condensor Fan Motor and Shroud	0.4 Hrs.
24-01-10-01	Refrigerant Recovery	**0.2 Hrs.**

FAILURE CODE:

P8	New Part
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