



NUMBER: 24-008-01

GROUP: Heating & A/C

DATE: Jun. 22, 2001

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SUBJECT:

Poor A/C Performance/Expansion Valve Noise

OVERVIEW:

This bulletin involves reprogramming the Powertrain Control Module (PCM) with new software and reducing the amount of R134A refrigerant in the system to 765 grams (27 oz. or 1.69 lbs.).

MODELS:

2001 (PL) Neon
2001 (P2) Neon (International Markets)

NOTE: THIS BULLETIN APPLIES TO VEHICLES BUILT BEFORE JUNE 11, 2001 (MDH 0611XX).

SYMPTOM/CONDITION:

Some vehicles may exhibit one or both of the following symptoms:

- Under high ambient conditions, typically above 38° C. (100° F.), the A/C compressor may cycle off and on repeatedly producing poor A/C performance immediately after a hot engine restart or during city driving.
- Under similar ambient conditions listed above the A/C expansion valve may be noisy (hum sound).

DIAGNOSIS:

If 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 are described by the customer, perform the Repair Procedure.

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 MUST BE OPERATING WITH CIS CD2085 OR HIGHER.

REPAIR PROCEDURE:

1. Evacuate and recharge the A/C system to 765 grams (27 oz. or 1.69 lbs.) of R134A refrigerant as described on page 24-4 of the 2001 Neon Service Manual (Publication No.81-270-1025).
2. Reprogram the PCM using the MDS2 (Mopar Diagnostic System) and DRB III® (Scan Tool).

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 cover the label with the clear plastic overlay. Type the necessary information on the “Authorized Modification Label” p/n 04275086 (Fig. 2) and attach the label near the VECI label.

CHRYSLER CORPORATION

P/N:

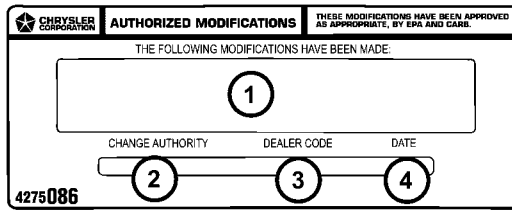
DLR CODE:

DATE:

AUTHORIZED SOFTWARE UPDATE

80bb0a94

Fig. 1 AUTHORIZED SOFTWARE UPDATE LABEL



80bb0af8

Fig. 2 AUTHORIZED MODIFICATION LABEL

1 - POWERTRAIN CONTROL MODULE P/N (INSERT P/N) USED AND INSERT STATEMENT "REVISED A/C REFRIGERANT LEVEL 765 GRAMS (27 OZ. OR 1.69 LBS.)"

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 No:	Description	Amount
24-01-10-90	Recover & Recharge - A/C System	0.2 Hrs.
08-19-40-90	Reprogram Powertrain Control Module	0.5 Hrs.

FAILURE CODE:

YR	A/C Performance
FM	Flash Module