

# Technical Service Bulletin

**NUMBER:** 24-001-01 REV. B

**GROUP:** Heating and A/C

**DATE:** Aug. 3, 2001

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**SUBJECT:**

A/C System Noise

**OVERVIEW:**

This bulletin involves replacement of the A/C expansion valve.

**MODELS:**

2000 - 2001 (PL) Neon

**SYMPTOM/CONDITION:**

1. Vehicles built prior to December 22, 2000 (MDH 1222XX); if the vehicle is shut off with the air conditioning compressor engaged and allowed to sit overnight, an audible clunk type sound may be heard from the engine compartment at initial engine start-up. This condition is most noticeable in moderate to warm ambient temperatures and is not detrimental to the operation of the compressor.
2. **\*\*All vehicles; "honk" sound coming from the expansion valve when the ambient temperature is around 27° C. (80° F.) and the humidity around 40% with the vehicle engine warmed up. Sound may be heard after the engine speed is raised to 3500-4000 RPM for one minute and allowed to return to idle. The "honk" noise will occur within 30 seconds.\*\***

**\*\*If either symptom can be duplicated or described by the owner, perform the Repair Procedure.\*\***

**PARTS REQUIRED:**

Qty.	Part No.	Description
AR (1)	<b>**05278510AE**</b>	Valve, A/C Expansion (Left Hand Drive)
<b>**AR (1)</b>	05278538AD	Valve, A/C Expansion (Right Hand Drive) <b>**</b>

**REPAIR PROCEDURE:**

Refer to the appropriate Neon Service Manual or the service information available in MDS2 for a/c expansion valve removal and installation procedures.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:		
24-35-20-92	Valve, Expansion - Replace	0.2 Hrs.
24-01-10-01	Air Conditioning System - Recover and Recharge	0.2 Hrs.

**FAILURE CODE:**

P8	New Part
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