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MODEL YEAR: 1994 & AFTER
CHASSIS MODEL: UD1400
BULLETIN #: AC - 06

FILE IN THE ACCESSORIES SECTION OF THE TECHNICAL BULLETIN BINDER

R-2170 DIAGNOSTIC TIPS FOR LEAKING COMPRESSOR FITTINGS

PURPOSE:

To provide proper diagnostic procedures for determining the cause of refrigerant leaks on a UD1400 Red Dot A/C model R-2170 at the compressor suction or discharge hose connections. The two major causes to consider for this failure are the selection and condition of the o-rings, and the refrigerant hose stand-off bracket being securely in place.

SERVICE NOTICE:

The Red Dot model R-2170 A/C system for the UD1400 uses elbow fittings to connect the suction and discharge hoses to the compressor. The suction and discharge hoses are sealed to the elbow fittings with standard thickness red o-rings. The elbow fittings seal to the compressor with thicker green o-rings. When the elbow-to-compressor fittings are sealed with standard thickness red o-rings, the fittings will leak.

The suction and discharge hoses are secured to the engine with a stand-off bracket which prevents side-to-side movement of the hoses. A missing or loose stand-off bracket will result in excessive movement of the hoses that can lead to loose fittings and torn o-rings at the compressor connections.

If a UD1400 refrigerant leak is traced to leaking compressor hose connections, the fittings should be removed and disassembled. The technician should inspect for the proper selection of o-rings and their condition. The technician should also verify whether the stand-off bracket is securely in place, preventing the compressor hoses from swaying.

UD warranty claims for the type of failures described above must state whether the stand-off bracket was in place or if it was missing and had to be installed to ensure the timely processing of the claim. Also refer to Technical Bulletin AC - 03 for additional information concerning A/C system repairs and requirements.

PARTS INFORMATION:

Refer to the illustrations below for the correct locations of part numbers described in this bulletin.



THE INFORMATION CONTAINED IN THIS BULLETIN SHOULD NOT BE INTERPRETED AS THE BASIS FOR CLAIMS UNLESS SO DESIGNATED.