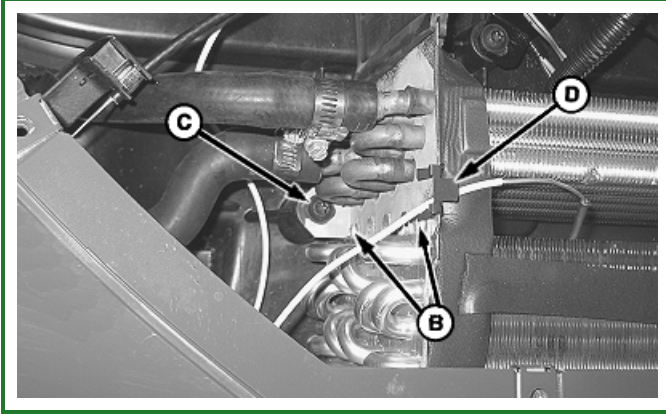


Recover/Recycle Air Conditioning Refrigerant



P15011-UN: Suction and Discharge Fittings

LEGEND:

A - Suction Fitting (Low Side)

B - Discharge Fitting (High Side)

Operate the air conditioning system for 10 minutes with engine at 2000 rpm if the compressor is operable. Set temperature control for maximum cooling and blower switch at high. This allows the refrigerant oil to be circulated through the system and indicates the quantity of oil in the compressor.

Stop the engine and use the following procedure to recover and recycle the A/C refrigerant.

1. IMPORTANT:

Use only R134a Refrigerant Recovery, Recycling, and Charging machines. Do not mix R134a equipment, refrigerant, and refrigerant oils with R-12 systems to prevent compressor damage.

Connect JT02050 R134a Refrigerant Recovery and Recycling Station to a JT02046 HFC134a Refrigerant Charging Station.

2.

NOTE:

JT02047 R134a Refrigerant Recovery, Recycling, and Charging Station can be substituted for the JT02046 and JT02050.

Connect low-side hose (blue) from the charging station to suction fitting (A) on the compressor. Connect high-side hose (red) to the discharge fitting on the compressor.

3. Follow the manufacturer's instructions and discharge the system. Cap the fittings to prevent contamination from entering the system.

Go to [Section_90:Group_20](#)

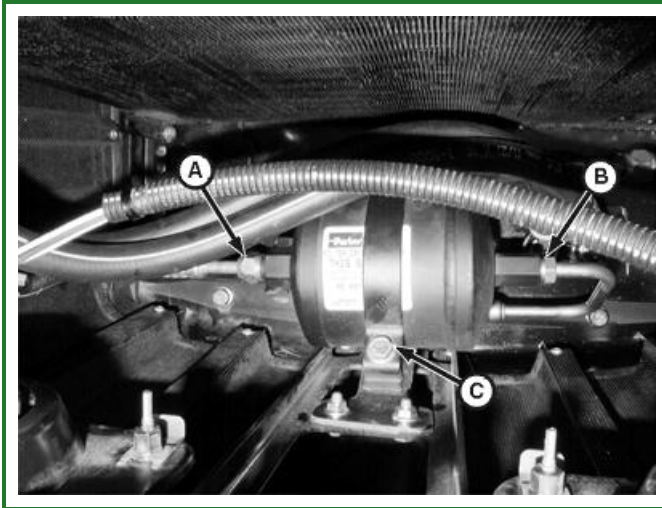
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Replace Air Conditioning Receiver-Dryer

1.

NOTE:

The receiver-dryer is not serviceable. If malfunction is suspected, install new receiver-dryer.



LV6937-UN: Viewed from Top—Air Cleaner Mount Removed only for illustration purposes.

LEGEND:

- A - Line to Evaporator
- B - Line to Condenser
- C - Cap Screw and Nut

Recover/recycle air conditioning refrigerant. (See [Recover/Recycle Air Conditioning Refrigerant](#) in this group.)

2.

NOTE:

Receiver-dryer is located behind front grille.

Remove air cleaner.

3. Disconnect lines (A and B) from receiver-dryer.
4. Remove nut and cap screw (C). Cap or plug all lines to prevent contamination.

5.

NOTE:

When a new receiver-dryer is installed and there were no leaks found in the system, add 15 ml (0.5 oz) of R134a Refrigerant Oil. If leaks are evident in the system, follow procedure for checking and adding refrigerant oil. (See [Determine Correct Refrigerant Oil Charge](#) and [Add Refrigerant Oil to System](#) in this group.)

IMPORTANT:

If installing a new receiver-dryer after replacement of the air conditioning compressor was performed, you must flush the air conditioning system before installing the new receiver-dryer. See [Flush Air Conditioning System](#) in this group.