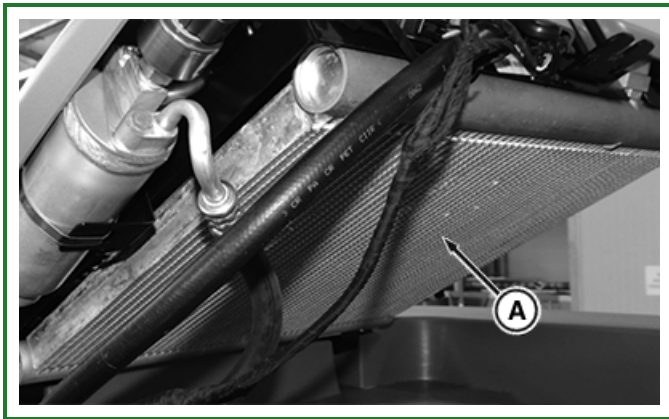


Condenser



PY26985-UN: .

LEGEND:

A - Condenser

The condenser (A) together with two fans for cooling is located in the cab roof. The purpose of the condenser (A) is to cool down the pressurized refrigerant gas so that it condenses and leaves the condenser as a liquid.

The cooling effect is produced by the airflow created by the fan blades. The condenser inlet is connected to the compressor pressure connection, its return line to the receiver-drier inlet.

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Receiver-Drier



PY26986-UN: .

LEGEND:

A - Receiver-Drier

The receiver-drier (A) is located in the roof near the condenser. The receiver-drier performs two functions. Firstly, it receives high-pressure refrigerant from the condenser and stores it until required by the evaporator.

Secondly, it absorbs moisture and acid that would have a detrimental effect on the systems ability to operate. Solid foreign bodies are separated out by a special filter element, whereas a desiccant, which fills the space between the filters, absorbs moisture and acid.

The sight glass on the receiver-drier enables the refrigerant to be observed when tests are or service work is being performed. The receiver-drier inlet is connected to the condenser, and its return line to the expansion valve.

Replace receiver-drier every time the air-conditioning system is repaired, as the moisture-absorbing material becomes less effective as time passes.

IMPORTANT:

If a new receiver-drier has been stored with unplugged openings, it can no longer be used.

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