

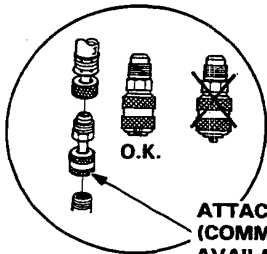
Air Conditioner

Illustrated Index

NOTE: LH Drive shown, RH Drive is similar.

CHARGING and TESTING VALVES

Charging procedures, page 15-56
Pressure test, page 15-57



ATTACHMENT
(COMMERCIALY
AVAILABLE)

NOTE: On high pressure side
use an attachment (commercially
available) to connect the gauge.

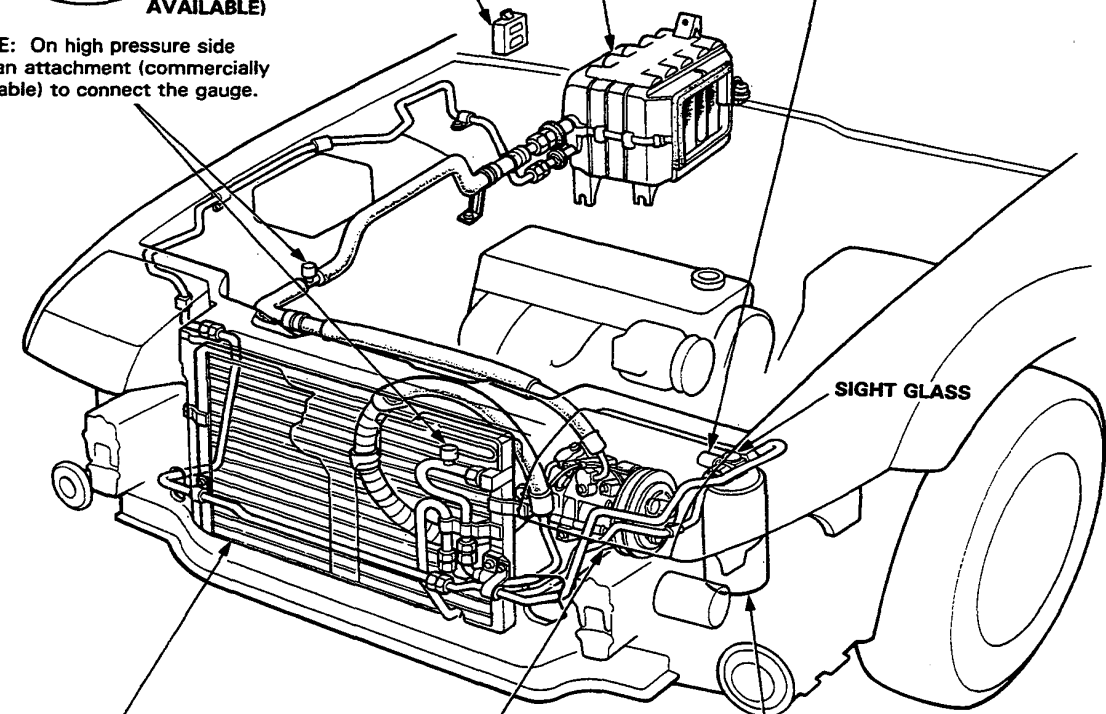
EVAPORATOR

As refrigerant circulates, heat is
absorbed from the surrounding
passenger compartment air.
Replacement, page 15-41
Overhaul, page 15-42

COMPRESSOR CONTROL UNIT

DUAL PRESSURE SWITCH

When the refrigerant pressure is below 196 kPa (2.0 kg/cm², 28 psi)
due to refrigerant leakage or above 2350 kPa (25 kg/cm², 340 psi)
due to the coolant blockage the dual pressure
switch opens the circuit to the A/C control
unit and stops the air conditioner to
protect the compressor.



CONDENSER

Dissipates the heat which was
absorbed by the refrigerant.
Replacement, page 15-40

SIGHT GLASS

RECEIVER AND FILTER/DRYER

Serves as a reservoir which filters and
removes moisture from the refrigerant.

COMPRESSOR

Compresses the refrigerant and
then forces it through the condenser.
Compressor troubleshooting, page 15-43
Replacement, page 15-44
Clutch inspection, page 15-47
Clutch overhaul, page 15-49
Shaft Seal Replacement, page 15-51
Pick-up sensor inspection, page 15-48
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Pick-up sensor/Thermal protector
Replacement, page 15-52