

Compressor Oil

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

6. Compressor Oil

A: PROCEDURE

NOTE:

Before making repairs, conduct the oil return operation to return the compressor oil to the compressor in circulation with the refrigerant.

- 1) Increase the engine to 1,500 rpm.
- 2) Turn on the A/C switch.
- 3) Turn the temperature control switch to MAX COOL.
- 4) Put in RECIRC position.
- 5) Turn the blower control switch to HI.
- 6) Leave in this condition for 10 minutes.

B: REPLACEMENT

NOTE:

- After replacing the component, add an appropriate amount of compressor oil (same as the amount of remaining oil in removed component).
- When replacing the compressor, the new compressor will already have the specified amount of oil in it. Install the new compressor after removing the oil so that the amount of oil is same as the amount of remaining oil in the removed compressor.

Replacement parts	Amount of oil replenishment
Evaporator	Approximately 35 m ℓ (1.2 US fl oz, 1.2 Imp fl oz)
Condenser (with receiver drier)	Approximately 15 m ℓ (0.5 US fl oz, 0.5 Imp fl oz)
Receiver drier	Approximately 10 m ℓ (0.4 US fl oz, 0.4 Imp fl oz)
Hose layout	Approximately 5 m ℓ (0.2 US fl oz, 0.2 Imp fl oz)