

COMPRESSOR OIL

HVAC System (Heater, Ventilator and A/C)

5. Compressor Oil S701294

A: OPERATION S701294A16

- 1) Prior to opening the refrigerant system for repairs (except compressor seizure) the system must be stabilized for correct oil replenishment.
- 2) Follow these procedures:
 - (1) Engine speed set to 1,500 rpm.
 - (2) A/C "ON".
 - (3) Air source to recirculate
 - (4) Blower 4th or high speed position
- Make sure the air entering the evaporator is above 26.7°C (80°F).
- The discharge (high) side pressure must be above 588 kPa (6 kg/cm², 85 psi).
 - (5) Operate the A/C for 10 minutes.
- 3) Slowly, discharge the system starting with the high-pressure side until the pressure drops below 345 kPa (3.52 kg/cm², 50 psi), then open the low-pressure side.

B: REPLACEMENT S701294A20

- 1) After stabilization and discharge, replace the component, adding the appropriate amount of oil (DH-PR) to the new component before installation.

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| Evaporator | 114 ml (3.9 US fl oz, 4.0 Imp fl oz) |
| Receiver drier | 5 ml (0.2 fl oz, 0.2 fl oz) |
| Condenser | 2 ml (0.07 fl oz, 0.07 fl oz) |
| Hose | 1 ml (0.03 fl oz, 0.04 fl oz) |

- 2) If the compressor is replaced (after stabilization):
 - (1) Drain and measure the oil from the original compressor.
 - (2) Drain the oil from the replacement compressor and refill with the same amount that was drained from the original [20 ml (0.7 US fl oz, 0.7 Imp fl oz) minimum]. Always use DH-PR for the replacement oil.