

INSTALLATION

PROCEDURE

1. ADJUST COMPRESSOR OIL

- (a) When replacing the compressor and magnetic clutch with a new one, gradually discharge the refrigerant gas from the service valve and drain the following amount of oil from the new compressor and magnetic clutch before installation.

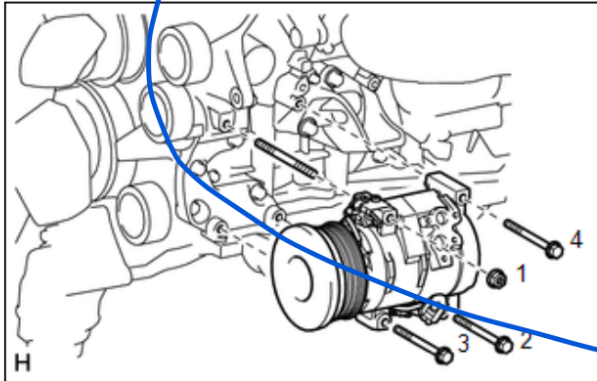
Standard:

(Oil capacity inside the new compressor and magnetic clutch: 120 + 15 cc (4.1 + 0.51 fl.oz.)) - (Remaining oil amount in the removed compressor and magnetic clutch) = (Oil amount to be removed from the new compressor when replacing)

NOTICE:

- When checking the compressor oil level, follow the A/C system precautions.
- If a new compressor and magnetic clutch is installed without removing some of the oil remaining in the pipes of the vehicle, the oil amount will be too large. This prevents heat exchange in the refrigerant cycle and causes refrigerant failure.
- If the volume of oil remaining in the removed compressor and magnetic clutch is too small, check for oil leakage.
- Be sure to use **ND-OIL 8** or equivalent compressor oil.

2. INSTALL COOLER COMPRESSOR ASSEMBLY



- (a) Install the cooler compressor with the stud bolt.

Torque:

10 N·m {102 kgf·cm, 7 ft·lbf}

- (b) Install the 3 bolts and nut.

Torque:

25 N·m {255 kgf·cm, 18 ft·lbf}

HINT:

Tighten the bolts and nut in the order shown in the illustration.

- (c) Connect the connector.

3. CONNECT SUCTION HOSE SUB-ASSEMBLY

- (a) Remove the attached vinyl tape from the suction hose.

The Factory Service Manual (FSM) only mentions replacing or adding oil when working on the compressor.