

INSTALLATION

1. INSPECT COMPRESSOR OIL

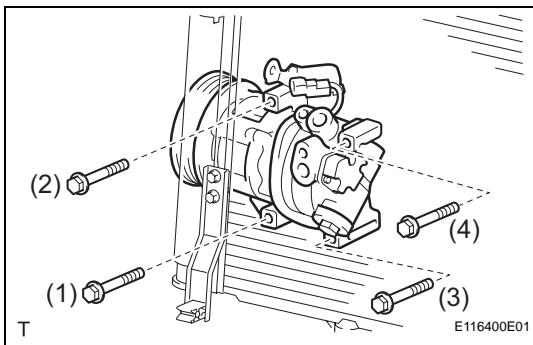
- (a) When replacing the compressor with a new one, after gradually removing the refrigerant gas from the service valve, drain the following amount of oil from the new compressor before installation.

Standard amount:

(Oil capacity inside new compressor and magnetic clutch: 60 + 15 cc (2.0 + 0.5 fl. oz.)) - (Remaining oil amount in the removed compressor and magnetic clutch) = (Oil amount to be removed when replacing)

NOTICE:

- When checking the compressor oil level, observe the precautions for cooler removal/ installation.
- Since compressor oil remains in the pipes of the vehicle, do not install a new compressor without removing some oil from the vehicle. Excessive oil prevents heat exchange in the refrigerant cycle and causes refrigerant failure.
- If the remaining oil in the removed compressor and magnetic clutch is too low, check for oil leakage.
- Be sure to use ND-OIL 8 or equivalent for compressor oil.



2. INSTALL COMPRESSOR WITH PULLEY ASSEMBLY

- (a) Install the compressor with the 4 bolts.

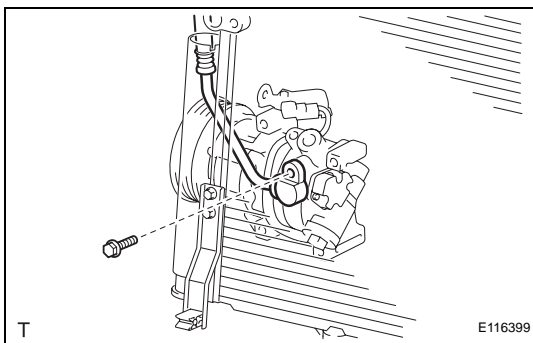
Torque: 25 N*m (255 kgf*cm, 18 ft.*lbf)

NOTICE:

Tighten the bolts in the order shown in the illustration to install the compressor.

- (b) Connect the connector.

3. INSTALL ENGINE UNDER COVER RH



4. CONNECT SUCTION HOSE SUB-ASSEMBLY

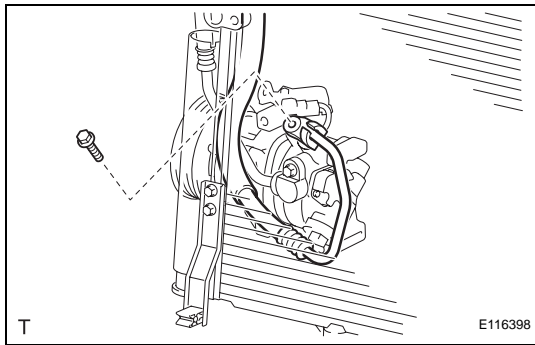
- (a) Remove the vinyl tape attached to the hose and condenser.
- (b) Apply a sufficient amount of compressor oil to a new O-ring and the fitting surface of the compressor.

Compressor oil:

ND-OIL 8 or equivalent

- (c) Install the O-ring on the suction hose.
- (d) Connect the suction hose on the compressor with the bolt.

Torque: 9.8 N*m (100 kgf*cm, 7 ft.*lbf)



5. CONNECT NO. 1 COOLER REFRIGERANT DISCHARGE HOSE

- (a) Remove the vinyl tape attached to the hose and condenser.
- (b) Apply a sufficient amount of compressor oil to a new O-ring and the fitting surface of the compressor.

Compressor oil:

ND-OIL 8 equivalent

- (c) Install the O-ring on the No. 1 cooler refrigerant discharge hose.
- (d) Connect the No. 1 cooler refrigerant discharge hose on the compressor with the bolt.

Torque: 9.8 N*m (100 kgf*cm, 7 ft.*lbf)

6. INSTALL FAN AND GENERATOR V BELT (See page [EM-7](#))

7. ADJUST FAN AND GENERATOR V BELT (See page [EM-7](#))

8. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

9. CHARGE REFRIGERANT (See page [AC-45](#))

10. WARM UP ENGINE (See page [AC-46](#))

11. CHECK FOR LEAKAGE OF REFRIGERANT (See page [AC-46](#))