

## REPLACEMENT

### 1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM

(See Pub. No. RM864E, page 55-22)

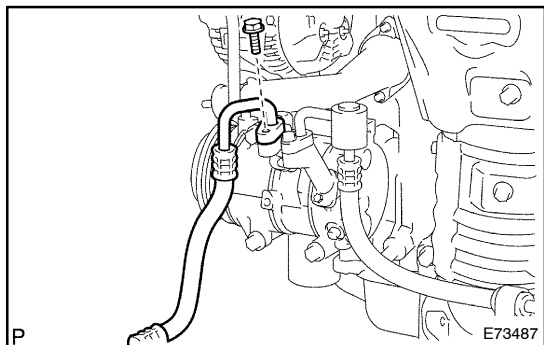
SST 07110-58060, 07117-58080, 07117-58090, 07117-78050, 07117-88060, 07117-88070, 07117-88080)

### 2. REMOVE FRONT WHEEL RH (SEE PAGE 14-5)

### 3. REMOVE ENGINE UNDER COVER RH (SEE PAGE 14-5)

### 4. REMOVE FAN AND GENERATOR V-BELT (SEE PAGE 14-5)

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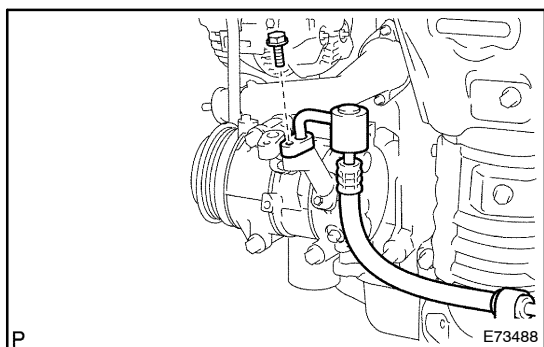


### 5. DISCONNECT DISCHARGE HOSE SUB-ASSY

- Remove the bolt and disconnect the discharge hose sub-assy from the w/pulley compressor assy.
- Remove the O-ring from the discharge hose sub-assy.

#### NOTICE:

Seal the openings of the disconnected parts using vinyl tape to prevent moisture and foreign matters from entering.



### 6. DISCONNECT SUCTION HOSE SUB-ASSY

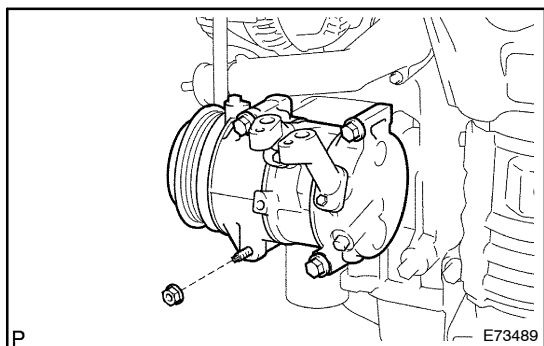
- Remove the bolt and disconnect the suction hose sub-assy from the w/pulley compressor assy.
- Remove the O-ring from the suction hose sub-assy.

#### NOTICE:

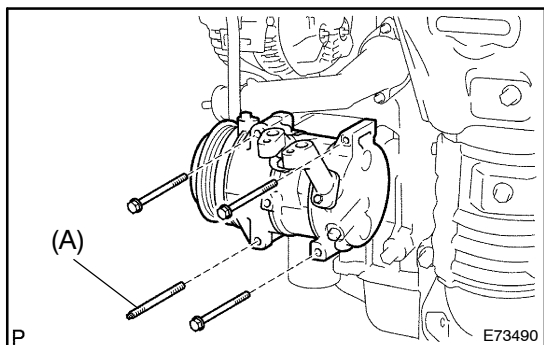
Seal the openings of the disconnected parts using vinyl tape to prevent moisture and foreign matters from entering.

### 7. REMOVE W/PULLEY COMPRESSOR ASSY

- Disconnect the connector.



- Remove the nut.



- (c) Using a torx socket wrench (E8), remove the bolt (A).
- (d) Remove the 3 bolts and the w/pulley compressor assy.

## 8. INSPECT COMPRESSOR OIL

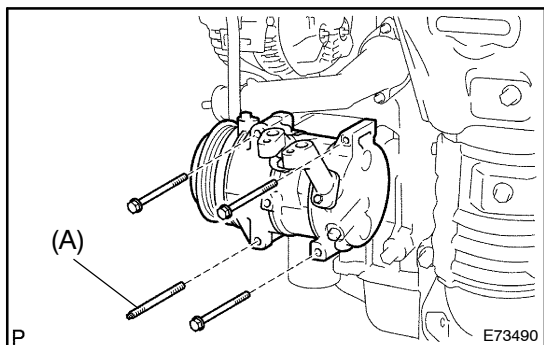
- (a) When replacing the w/pulley compressor assy with a new one, after gradually removing the refrigerant gas from the service valve, drain the following amount of oil from the new w/pulley compressor assy before installation.

### Standard:

(Oil capacity inside new w/pulley compressor assy: 225 + 15 cc (7.6 + 0.5 fl. oz.) ) – (Remaining oil amount in the removed w/pulley compressor assy) = (Oil amount to be removed when replacing)

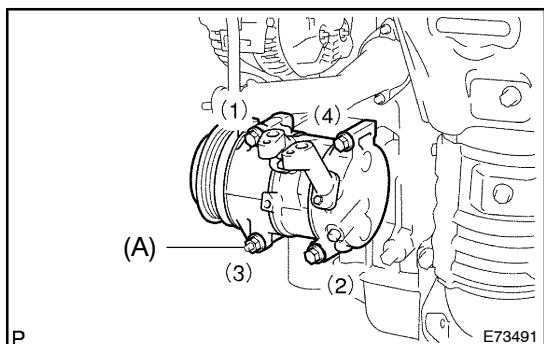
### NOTICE:

- When checking the compressor oil level, observe the precautions on the cooler removal/installation.
- Since compressor oil remains in the pipes of the vehicle, if a new w/pulley compressor assy is installed without removing some oil inside, the oil amount becomes excessive, preventing heat exchange in the refrigerant cycle and causing refrigerant failure.
- If the remaining oil in the removed w/pulley compressor assy is too small in volume, check for oil leakage.
- Be sure to use ND-OIL 8 for compressor oil.



## 9. TEMPORARILY TIGHTEN W/PULLEY COMPRESSOR ASSY

- (a) Temporarily tighten the compressor and magnetic clutch with the 3 bolts and bolt (A).



## 10. FULLY TIGHTEN W/PULLEY COMPRESSOR ASSY

- (a) Using a torx socket wrench (E8), tighten the bolt (A).  
**Torque: 24.5 N·m (250 kgf·cm, 18 ft·lbf)**
- (b) Tighten the w/pulley compressor assy with the 3 bolts and nut.  
**Torque: 24.5 N·m (250 kgf·cm, 18 ft·lbf)**

### NOTICE:

Tighten the bolts and nut in the order shown in the illustration to install the w/pulley compressor assy.

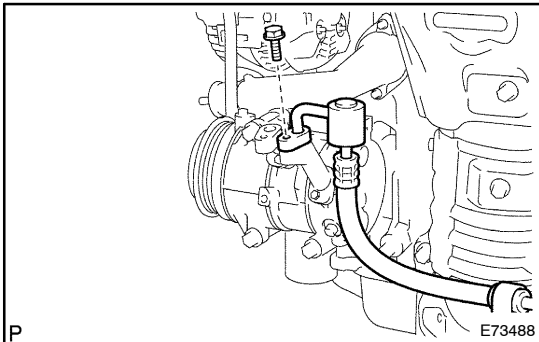
- (c) Connect the connector.

**11. INSTALL SUCTION HOSE SUB-ASSY**

- (a) Remove the attached vinyl tape from the hose.
- (b) Sufficiently apply compressor oil to a new O-ring and the fitting surface of the w/pulley compressor assy.

**Compressor oil: ND-OIL or equivalent**

- (c) Install the O-ring on the suction hose sub-assy.



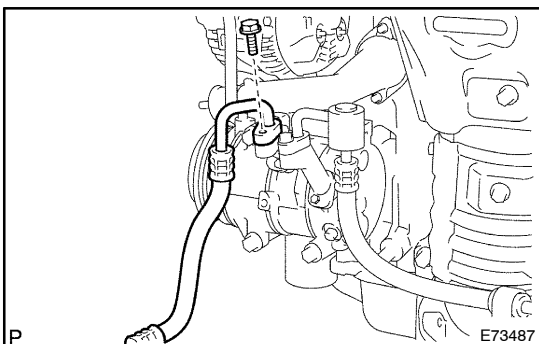
- (d) Install the suction hose sub-assy on the w/pulley compressor assy with the bolt.

**Torque: 9.8 N·m (100 kgf·cm, 87 in.·lbf)****12. INSTALL DISCHARGE HOSE SUB-ASSY**

- (a) Remove the attached vinyl tape from the hose.
- (b) Sufficiently apply compressor oil to a new O-ring and the fitting surface of the w/pulley compressor assy.

**Compressor oil: ND-OIL or equivalent**

- (c) Install the O-ring on the discharge hose sub-assy.



- (d) Install the discharge hose sub-assy on the w/pulley compressor assy with the bolt.

**Torque: 9.8 N·m (100 kgf·cm, 87 in.·lbf)****13. INSTALL FAN AND GENERATOR V-BELT (SEE PAGE 14-5)**

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**14. INSTALL ENGINE UNDER COVER RH (SEE PAGE 14-5)****15. INSTALL FRONT WHEEL RH (SEE PAGE 14-5)****16. CHARGE REFRIGERANT (See Pub. No. RM864E, page 55-22)**

SST 07110-58060 (07117-58060, 07117-58070, 07117-58080, 07117-58090, 07117-78050, 07117-88060, 07117-88070, 07117-88080)

**Specified amount:****Single A/C: 500 ± 30 g (17.63 ± 1.05 oz.)****Dual A/C: 800 ± 30 g (28.21 ± 1.05 oz.)****17. WARM UP ENGINE (See Pub. No. RM864E, page 55-22)****18. INSPECT LEAKAGE OF REFRIGERANT (See Pub. No. RM864E, page 55-22)**