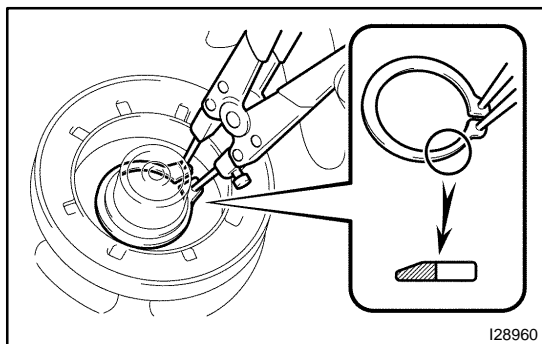


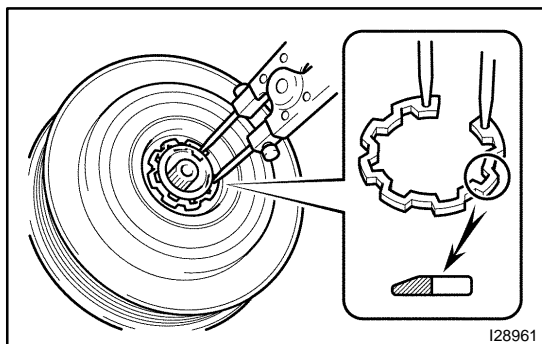
## REASSEMBLY

### 1. INSTALL MAGNET CLUTCH

- (a) Fit the parts as shown in the illustration, and install the magnet clutch stator.



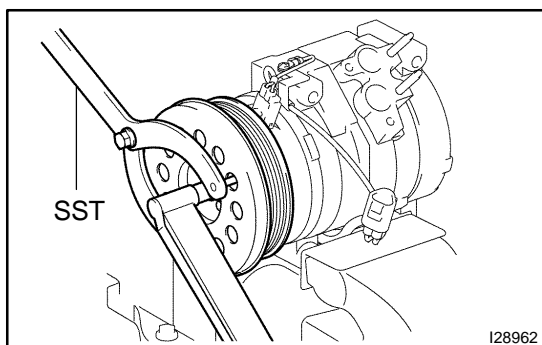
- (b) Using a snap ring expander, install a new snap ring with the chamfered side facing up.  
(c) Install the screw and connect the connector.



- (d) Using a snap ring expander, install the magnet clutch rotor and a new snap ring with the chamfered side facing up.  
(e) Install the magnet clutch washer and the magnet clutch hub.

#### NOTICE:

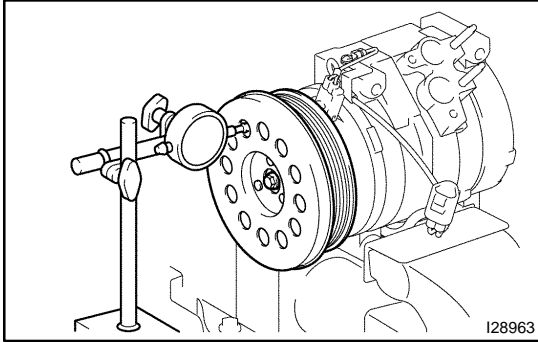
**Do not change the combination of the magnet clutch washers used before disassembly.**



- (f) Using SST, install the magnet clutch hub and the magnet clutch washer with the bolt.

SST 09960-10010 (09962-01000, 09963-00500)

**Torque: 18 N·m (183 kgf·cm, 13 ft·lbf)**



## 2. INSPECT MAGNET CLUTCH CLEARANCE

- (a) Set the dial indicator to the magnet clutch hub.
- (b) Connect the positive battery lead to terminal 1 of the magnet clutch connector and the negative lead to the earth wire. Turn the magnet clutch on and off and measure the clearance.

**Standard clearance:**

**0.35 to 0.60 mm (0.013 to 0.023 in.)**

If the measured value is not within the standard range, remove the magnet clutch hub and adjust it with magnet clutch washers.

### NOTICE:

**Adjustment should be performed with 3 or less magnet clutch washers.**

## 3. INSPECT COMPRESSOR OIL

When replacing the compressor and magnetic clutch with a new one, after gradually removing the refrigerant gas from the service valve, 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 (4.0 + 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 in the cooler removal/installation.
- Because compressor oil remains in the pipes of the vehicle, if a new compressor and magnetic clutch 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 compressor and magnetic clutch is too small in volume, check for an oil leakage.
- Be sure to use ND-OIL 8 or equivalent for compressor oil.