

## DISASSEMBLY

### NOTICE:

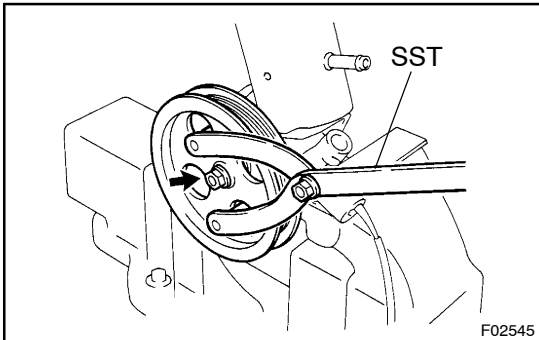
When using a vise, do not overtighten it.

#### 1. MEASURE PS VANE PUMP ROTATING TORQUE

- Check that the pump rotates smoothly without abnormal noise.
- Using a torque wrench, check the pump rotating torque.

**Rotating torque:**

**0.25 N·m (2.5 kgf·cm, 2.2 in.·lbf) or less**



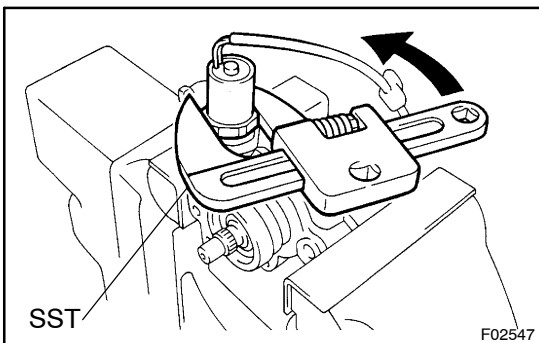
#### 2. REMOVE VANE PUMP PULLEY

Using SST to stop the pulley rotating, remove the pulley set nut.

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

#### 3. REMOVE OIL RESERVOIR

- Remove the 3 bolts and oil reservoir.
- Remove the O-ring from the oil reservoir.



#### 4. REMOVE SOLENOID VALVE

- Using SST, remove the valve  
SST 09922-10010

### NOTICE:

Use SST 09922-10010 in the direction shown in the illustration.

- Remove the O-ring from the valve.

#### 5. REMOVE FLOW CONTROL VALVE AND SPRING

#### 6. REMOVE REAR HOUSING

- Remove the 2 bolts.
- Remove the 2 O-rings from the housing.

#### 7. REMOVE WAVE WASHER

#### 8. REMOVE SIDE PLATE

#### 9. REMOVE CAM RING, 10 VANE PLATES AND VANE PUMP ROTOR

### NOTICE:

Be careful not to drop the plate.

#### 10. REMOVE STRAIGHT PINS

Remove the 2 pins from the front housing.

#### 11. REMOVE GASKET

#### 12. REMOVE VANE PUMP SHAFT WITH BEARING

- Using snap ring pliers, remove the snap ring from the front housing.
- Wind vinyl tape on the serrated part of the vane pump shaft.
- Press out the shaft with the bearing.

### NOTICE:

Be careful not to damage the oil seal lip.

