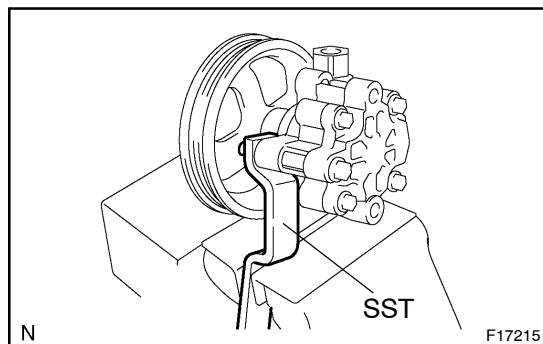


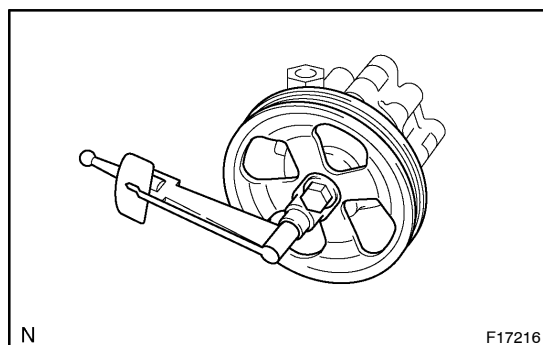


## DISASSEMBLY

### 1. FIX VANE PUMP ASSEMBLY

Using SST, hold the vane assembly in a vise.

SST 09630-00014 (09631-00132)



### 2. MEASURE PS VANE PUMP ROTATING TORQUE

- Check that the pump rotates smoothly without abnormal noise.
- Temporarily install the bolt to the shaft.
- Using a torque wrench, check the pump rotating torque.

**Rotating torque:**

**0.3 N·m (2.8 kgf·cm, 2.4 in·lbf) or less**

### 3. REMOVE SUCTION PORT UNION

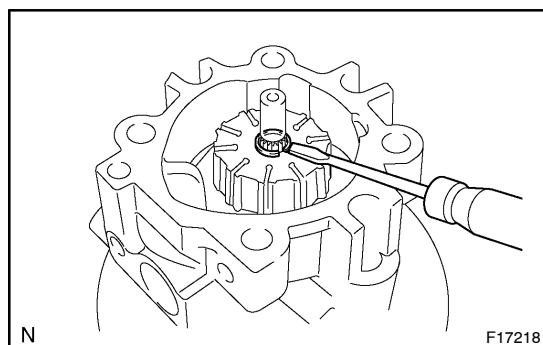
- Remove the bolt.
- Remove the O-ring from the union.

### 4. REMOVE PRESSURE PORT UNION, FLOW CONTROL VALVE AND SPRING

Remove the O-ring from the union.

### 5. REMOVE REAR HOUSING

- Loosen the 4 bolts.
- Remove the vane pump assembly from the SST.
- Remove the 4 bolts and rear housing.
- Remove the gasket from the housing.



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

Using a screwdriver, remove the snap ring from the vane pump shaft.

**NOTICE:**

**Be careful not to drop the plate.**

### 7. REMOVE SIDE PLATE

### 8. REMOVE VANE PUMP SHAFT WITH PUMP PULLEY