

## DISASSEMBLY

### NOTICE:

**When using a vise, do not overtighten it.**

#### 1. FIX VANE PUMP ASSEMBLY

- (a) Using SST, hold the vane pump assembly in a vise.  
SST 09630-00014 (09631-00132)

### HINT:

Detach SST depending on the situation.

#### 2. REMOVE SUCTION PORT UNION

- (a) Remove the bolt and suction port union.
- (b) Remove the O-ring from the suction port union.

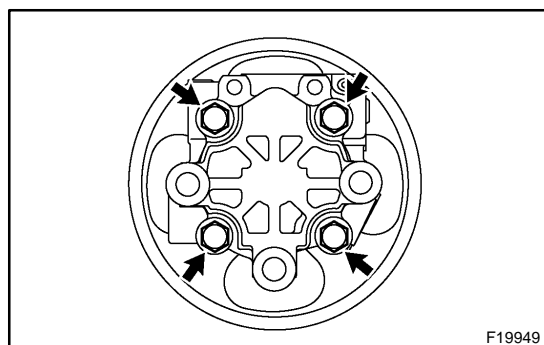
#### 3. REMOVE PRESSURE PORT UNION, FLOW CONTROL VALVE AND SPRING

- (a) Remove the pressure port union, flow control valve and spring.
- (b) Remove the O-ring from the pressure port union.

#### 4. REMOVE OIL PRESSURE SWITCH

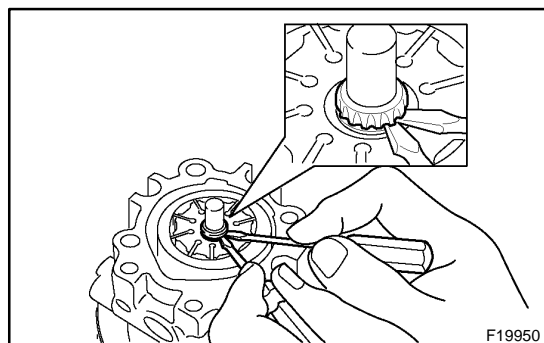
### NOTICE:

**If the oil pressure switch is dropped or damaged, replace it with a new one.**



#### 5. REMOVE REAR HOUSING

- (a) Remove the 4 bolts and rear housing.
- (b) Remove the O-ring from the rear housing.



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

- (a) Using 2 screwdrivers, remove the snap ring from the vane pump shaft with vane pump pulley.
- (b) Remove the vane pump shaft with vane pump pulley.

### NOTICE:

**Be careful not to drop or damage the vane pump shaft with vane pump pulley. If it is damaged, replace the vane pump assembly.**

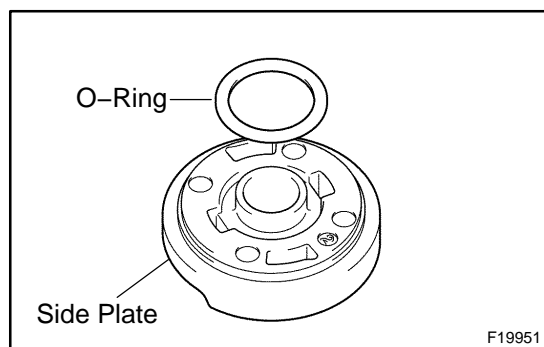
**7. REMOVE 10 VANE PLATES AND VANE PUMP ROTOR**

- (a) Remove the 10 vane plates.

**NOTICE:**

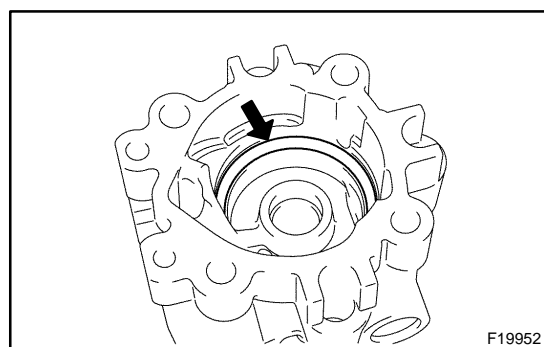
**Take care not to drop the vane plate.**

- (b) Remove the vane pump rotor.

**8. REMOVE CAM RING****9. REMOVE SIDE PLATE**

- (a) Remove the side plate from the front housing.

- (b) Remove the O-ring from the side plate.



- (c) Remove the O-ring from the front housing.