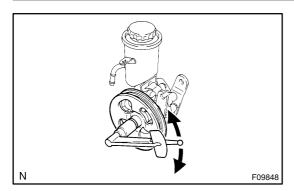
SR0VS-03



## DISASSEMBLY

## NOTICE:

When using a vise, do not overtighten it.

- 1. MEASURE PS VANE PUMP ROTATING TORQUE
- (a) Check that the pump rotates smoothly without abnormal noise.
- (b) Using a torque wrench, check the pump rotating torque. **Rotating torque:**

0.27 N·m (2.8 kgf·cm, 2.4 in.·lbf) or less

- 2. REMOVE OIL RESERVOIR
- (a) Remove the 3 bolts and oil reservoir.
- (b) Remove the O-ring from the oil reservoir.
- 3. REMOVE HEAT INSULATOR AND REAR STAY

Remove the bolt, heat insulator and rear stay.

4. REMOVE FRONT AND REAR BRACKETS

Remove the 2 bolts, front and rear brackets.

- 5. 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.
- 6. REMOVE OIL PRESSURE SENSOR
- (a) Remove the oil pressure sensor.
- (b) Remove the O-ring from the oil pressure sensor.
- 7. REMOVE REAR HOUSING
- (a) Remove the 4 bolts and rear housing.
- (b) Remove the O-ring from the rear housing.
- 8. REMOVE CAM RING, 10 VANE PLATES, VANE PUMP ROTOR AND SIDE PLATE
- (a) Remove the cam ring and 10 vane plates.

## NOTICE:

## Take care not to drop the vane plate.

- (b) Using a screwdriver, remove the snap ring, vane pump rotor and side plate.
- (c) Remove the 2 O-rings from the side plate.
- 9. REMOVE VANE PUMP SHAFT WITH VANE PUMP PULLEY