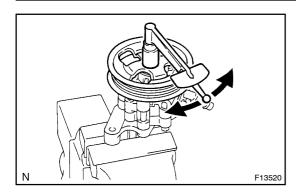
SR0VS-09



DISASSEMBLY

NOTICE:

When using a vise, do not overtighten it.

- MEASURE PS VANE PUMP ROTATING TORQUE
- (a) Check that the pump rotates smoothly without abnormal noise.
- 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 PUMP BRACKET

Remove the 3 bolts and pump bracket.

- 3. REMOVE SUCTION PORT UNION
- (a) Remove the bolt and suction port union.
- (b) Remove the O-ring from the suction port union.
- 4. 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.
- 5. REMOVE REAR HOUSING
- (a) Remove the 4 bolts and rear housing.
- (b) Remove the O-ring from the rear housing.
- 6. 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.
- 7. REMOVE VANE PUMP SHAFT WITH VANE PUMP PULLEY