

DISASSEMBLY

NOTICE:

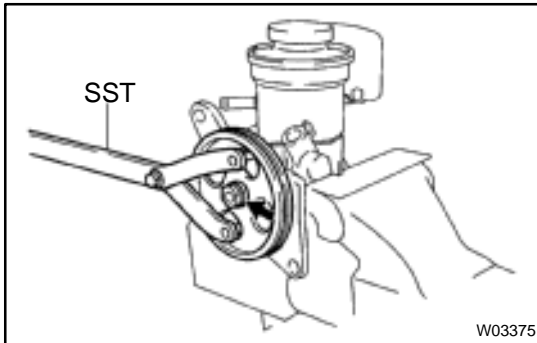
When using a vise, do not overtighten it.

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:

0.2 N·m (2.5 kgf·cm, 2.2 in.-lbf) or less



2. REMOVE VANE PUMP PULLEY

Using SST, stop the pulley rotating and remove the nut.

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

3. REMOVE FRONT AND REAR BRACKETS

Remove the 3 bolts and brackets.

4. REMOVE PROTECTOR

Remove the 2 bolts and protector.

5. REMOVE OIL RESERVOIR

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

6. REMOVE PRESSURE FEED NO.2 TUBE

Remove the union bolt and 2 gaskets.

7. REMOVE PRESSURE PORT UNION, FLOW CONTROL VALVE AND COMPRESSION SPRING

Remove the O-ring from the union.

8. REMOVE REAR HOUSING

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

9. REMOVE WAVE WASHER

10. REMOVE SIDE PLATE

11. REMOVE GASKET

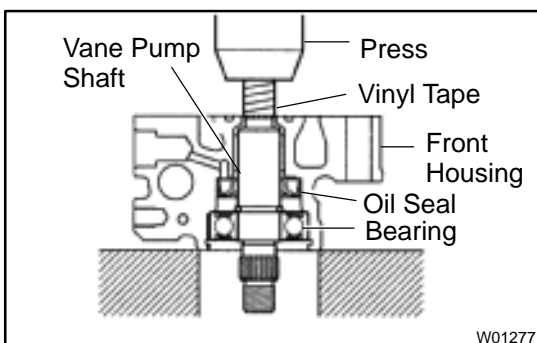
12. REMOVE CAM RING, 10 VANE PLATES AND VANE PUMP ROTOR

NOTICE:

Take care not to drop the plate.

13. REMOVE STRAIGHT PINS

Remove the 2 pins from the front housing.



14. 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 shaft.
- Press out the the shaft with the bearing.