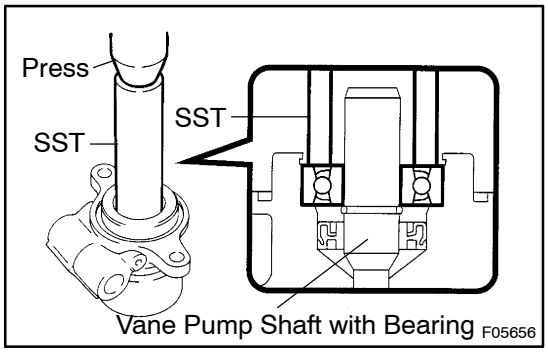
SR0Y7–01

REASSEMBLY

NOTICE:

When using a vise, do not overtighten it.

1. COAT PARTS INDICATED BY ARROWS WITH POWER STEERING FLUID (See page SR–10)



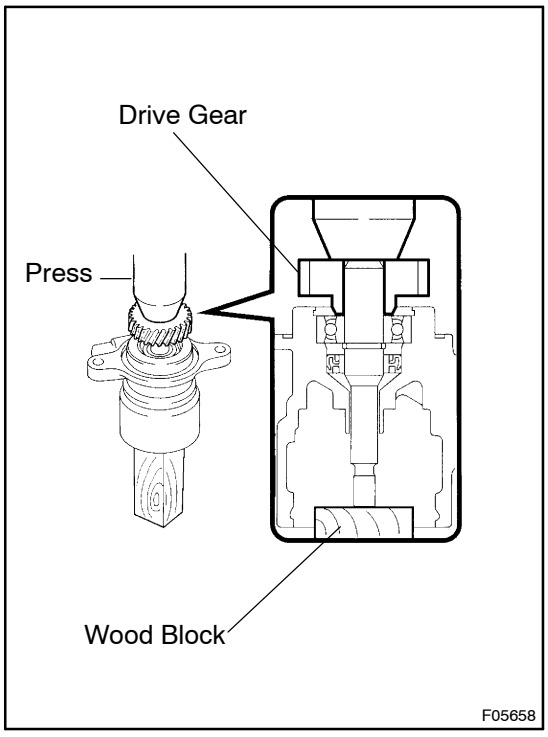
2. INSTALL VANE PUMP SHAFT WITH BEARING

(a) Using SST, press in the shaft with the bearing.
SST 09612–22011

NOTICE:

Be careful not to damage the oil seal lip.

(b) Install a new snap ring.



3. INSTALL VANE PUMP DRIVE GEAR

Supporting the vane pump shaft end with the wood block, press in the drive gear to the shaft as shown in the illustration.

NOTICE:

Press in the drive gear until its top surface levels with the top of the pump shaft.

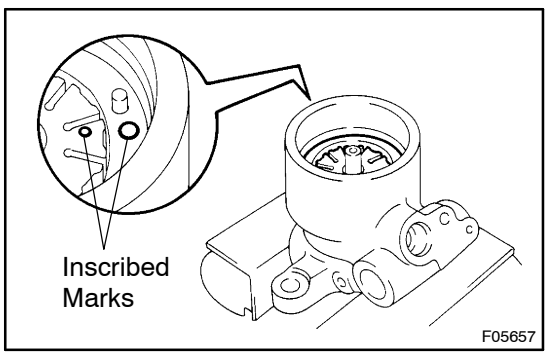
4. INSTALL 2 WAVE WASHERS AND SIDE PLATE

(a) Install 2 new wave washers.

(b) Coat 2 new O–rings with power steering fluid and install them to the 2 plate.

5. INSTALL 2 STRAIGHT PINS

Install 2 new straight pins to the side plate.



6. INSTALL CAM RING AND VANE PUMP ROTOR

Install the ring and rotor with the inscribed marks facing out ward.

7. INSTALL 10 VANE PLATES

8. INSTALL REAR HOUSING

(a) Coat a new O–ring with power steering fluid and install it to the rear housing.

(b) Install a new snap ring.

9. INSTALL SPRING, FLOW CONTROL VALVE AND PRESSURE PORT UNION

(a) Install the spring.

(b) Install the flow valve facing the correct direction.
(See page SR–10)

(c) Coat a new O–ring with power steering fluid and install it to the pressure port union.

(d) Install the pressure port union.
Torque: 69 N·m (700 kgf·cm, 51 ft·lbf)

10. INSTALL SUCTION PORT UNION

(a) Coat a new O–ring with power steering fluid and install it to the suction port union.

(b) Install the suction port union.
Torque: 19 N·m (194 kgf·cm, 14 ft·lbf)

11. MEASURE PS VANE PUMP ROTATING TORQUE
(See page SR–13)