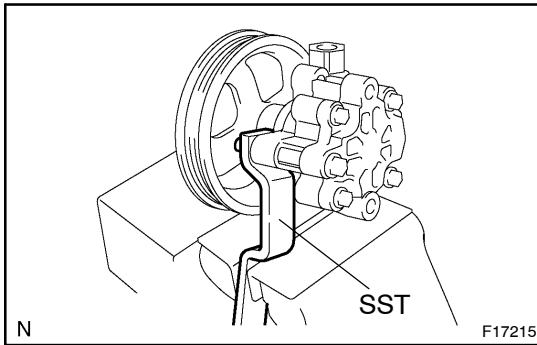


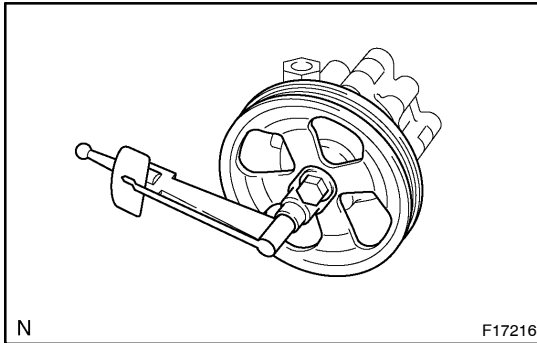


DISASSEMBLY

1. FIX VANE PUMP ASSEMBLY

Using SST, hold the vane assembly in a vise.

SST 09630-00014 (09631-00132)



2. MEASURE PS VANE PUMP ROTATING TORQUE

(a) Check that the pump rotates smoothly without abnormal noise.

(b) Temporarily install the bolt to the shaft.

(c) Using a torque wrench, check the pump rotating torque.

Rotating torque:

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

3. REMOVE SUCTION PORT UNION

(a) Remove the bolt.

(b) Remove the O-ring from the union.

4. REMOVE PRESSURE PORT UNION, FLOW CONTROL VALVE AND SPRING

Remove the O-ring from the union.

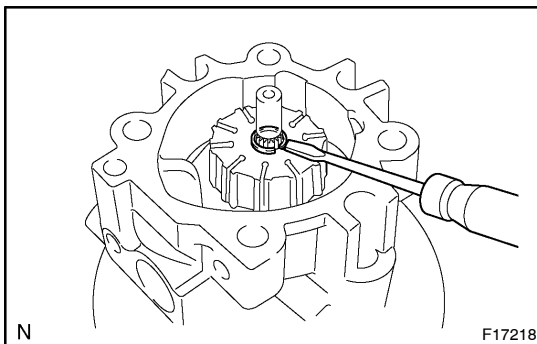
5. REMOVE REAR HOUSING

(a) Loosen the 4 bolts.

(b) Remove the vane pump assembly from the SST.

(c) Remove the 4 bolts and rear housing.

(d) Remove the gasket from the housing.



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

Using a screwdriver, remove the snap ring from the vane pump shaft.

NOTICE:

Be careful not to drop the plate.

7. REMOVE SIDE PLATE

8. REMOVE VANE PUMP SHAFT WITH PUMP PULLEY