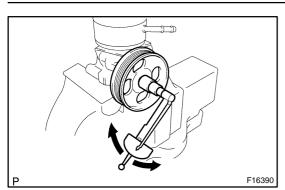
SR1HV-01



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:0.28 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 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 union.
- 4. REMOVE REAR HOUSING
- (a) Remove the 2 bolts and rear housing.

HINT:

If the wave washer and side plate are stuck to the rear housing, lightly tap the rear housing with a plastic hammer, and remove the wave washer and side plate.

- (b) Remove the 2 O-rings from the housing.
- 5. REMOVE WAVE WASHER
- 6. REMOVE SIDE PLATE
- 7. REMOVE GASKET
- 8. REMOVE CAM RING, VANE PLATES AND VANE PUMP ROTOR
- (a) Using a screwdriver, remove the snap ring from the vane pump shaft.
- (b) Remove the cam ring, 10 vane plates and vane pump rotor.

NOTICE:

Take care not to drop the plate.

- 9. REMOVE VANE PUMP SHAFT WITH VANE PUMP PULLEY
- 10. REMOVE STRAIGHT PINS

Remove the 2 straight pins from the front housing.

2003 TOYOTA TACOMA (RM1002U)

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