

DISASSEMBLY

NOTICE:

Never remove the mounting bolts (partly resin coated) of the power steering ECU and motor. (The power steering ECU and motor should not be disassembly.)

1. REMOVE RESERVOIR CAP

2. REMOVE RESERVOIR

- Loosen the clamp and remove the reservoir.
- Remove the O-ring from the power steering vane pump housing.

3. REMOVE REAR HOUSING AND OIL STRAINER

- Remove the 4 bolts, rear housing and oil strainer.
- Remove the O-ring from the power steering vane pump housing.

4. REMOVE CAM RING, VANE PLATES, VANE PUMP ROTOR AND LOWER SIDE PLATE

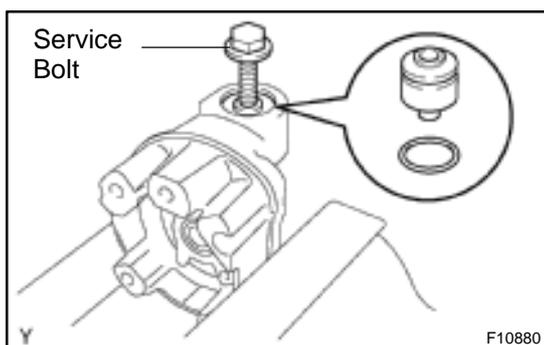
- Remove the cam ring, vane pump rotor and 10 vane plates.
- Remove the lower side plate.

NOTICE:

Take care not to drop the vane plate.

5. REMOVE FLOW CONTROL VALVE SPRING SEAT AND FLOW CONTROL VALVE

- Using snap ring pliers, remove the snap ring.

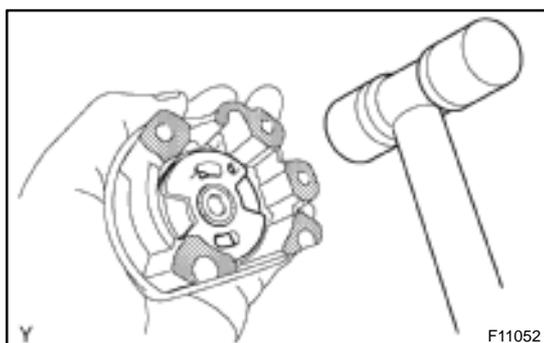


- Using a service bolt, pull it out together with the spring seat.

Recommended service bolt:

| | |
|-----------------|--------|
| Thread diameter | 6 mm |
| Thread pitch | 1.0 mm |

- Remove the O-ring from the spring seat.
- Remove the flow control valve and spring.



6. REMOVE UPPER SIDE PLATE

- Using a plastic-faced hammer, tap out the side plate and wave washer.
- Remove the O-ring from the side plate.