



## DISASSEMBLY

### Preparation:

Clean oil pump with solvent (plug the discharge and suction port, to prevent the entry of solvent). Be careful not to expose the oil seal of shaft assembly to solvent.

1. Bolt
2. Pipe, Suction
3. O-ring
4. Connector
5. O-ring
6. Valve Assembly
7. Retaining Ring
8. Filter
9. Spring
10. Pressure switch
11. Retaining Ring
12. Shaft Assembly
13. Bearing
14. Shaft
15. Retaining Ring
16. Oil Seal



### CAUTION:

When removing the oil seal, be careful not to damage the housing.

17. Bolt
18. Rear Housing Assembly and Pump Cartridge
19. Gasket
20. O-ring
21. O-ring
22. Front Housing
23. Pressure Plate
24. Rotor and Vane
25. Cam
26. Pin
27. Rear Housing



## INSPECTION AND REPAIR

Make all necessary adjustments, repairs, and part replacements if wear, damage, or other problems are discovered during inspection.

### Rotor

Check that the groove in the vane is free from excessive wear and that the vane slides smoothly.

When part replacement becomes necessary, the pump cartridge should be replaced as a subassembly.

