


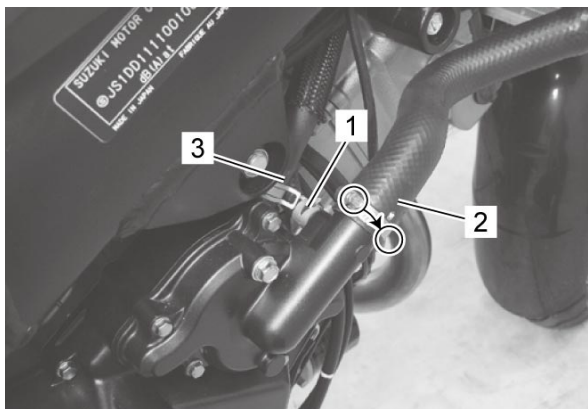
1F




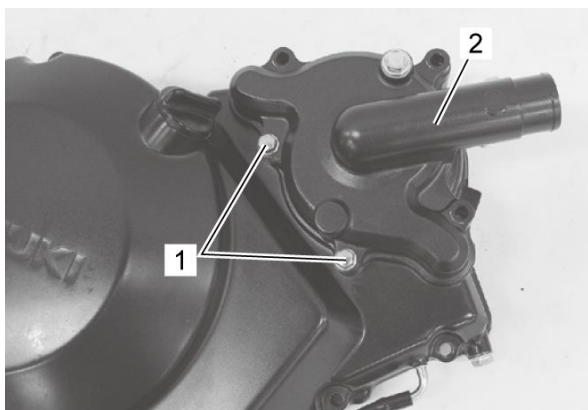
Water Pump Disassembly and Reassembly

Disassembly

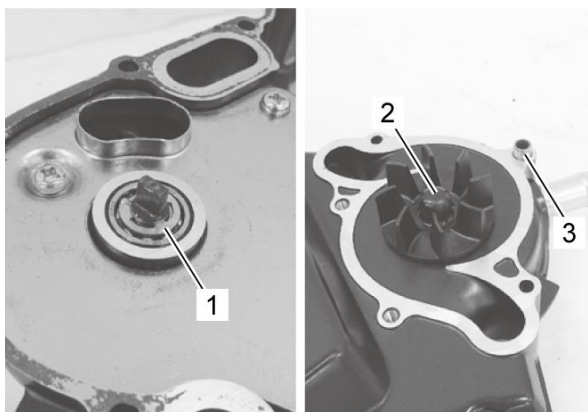
- 1) Drain engine oil and coolant. 
- 2) Remove the water bypass hose (1), radiator outlet hose (2) and air cleaner breather tube (3).



- 3) Remove the clutch cover. 
- 4) Remove the bolts (1) and water pump case (2).

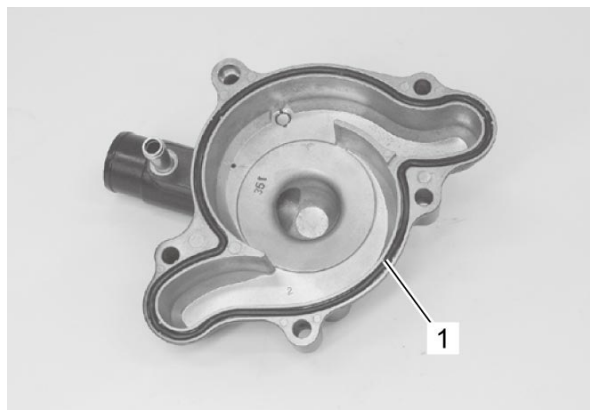


- 5) Remove the E-ring (1), pump impeller (2) and dowel pin (3).

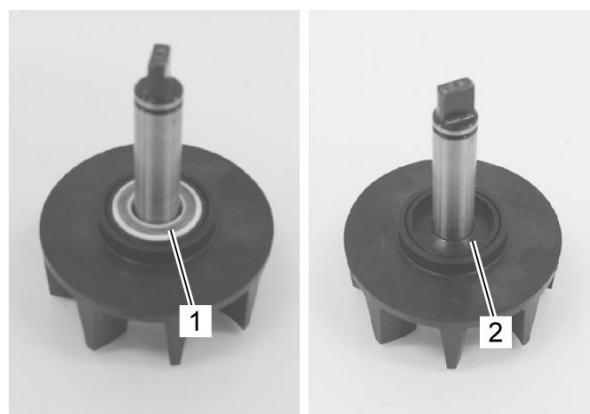




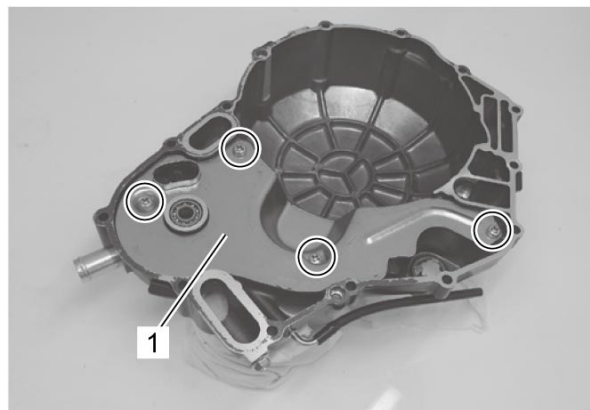
6) Remove the new O-ring (1).



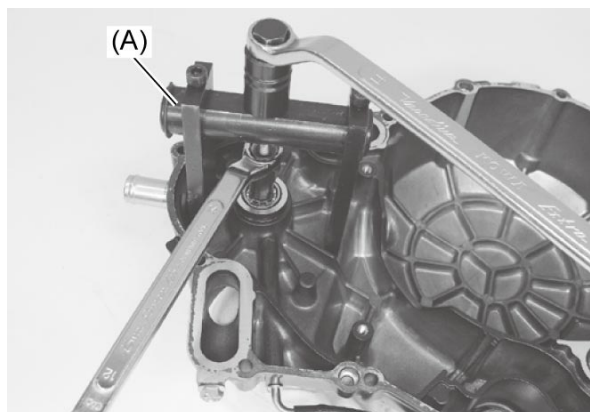
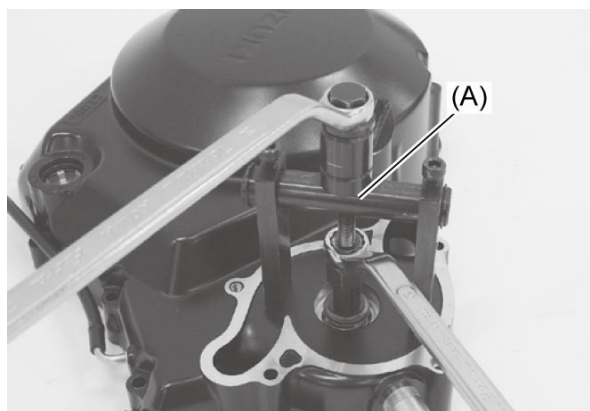
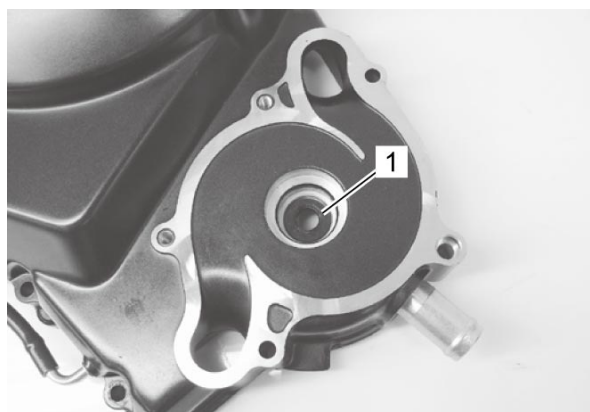
7) Remove the mechanical seal ring (1) and rubber seal (2).



8) Remove the oil separator (1).



9) Remove the water pump bearings using the special tool.

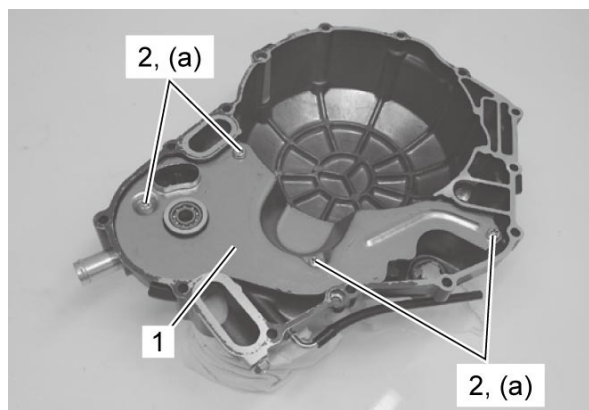
Special Tool**(A): 09921-20240****10)** Remove the mechanical seal using the special tool.**Special Tool****(A): 09921-20240****11)** Remove the oil seal (1).

Reassembly

- 1) Install the oil separator (1) and tighten the screws (2) to the specified torque.

Tightening torque

Oil separator screw (a): 8.5 N·m (0.85 kgf-m, 6.5 lbf-ft)



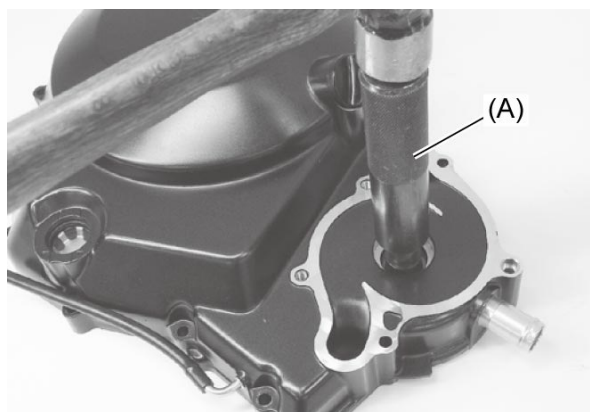
- 2) Install the new oil seal using the special tool.

Special Tool

(A): 09913-70210

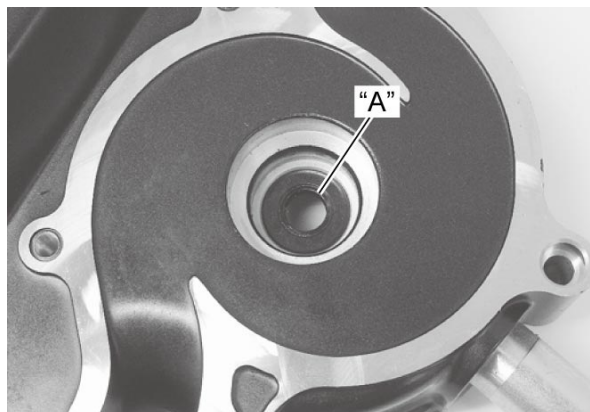
NOTE:

The stamped mark on the oil seal faces case side.



- 3) Apply grease to the oil seal lip.

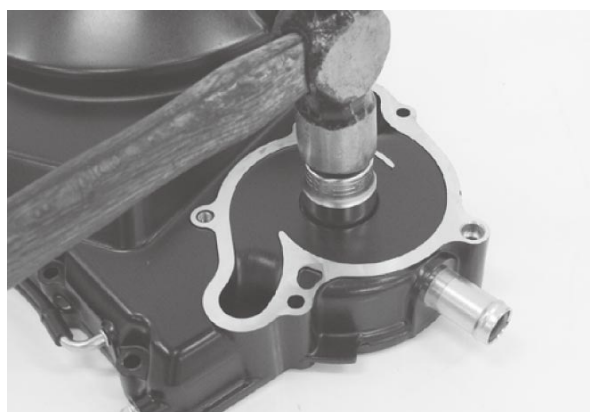
"A": Grease 99000-25011 (SUZUKI SUPER GREASE A)



- 4) Install the new mechanical seal using a suitable size socket wrench.

NOTE:

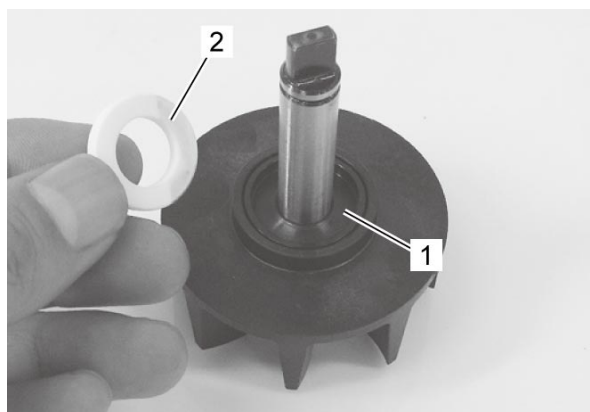
On the new mechanical seal, the sealer has been applied.



- 5) Install the rubber seal (1) into the impeller.
- 6) After wiping off the oily or greasy matter from the mechanical seal ring, install it into the impeller.

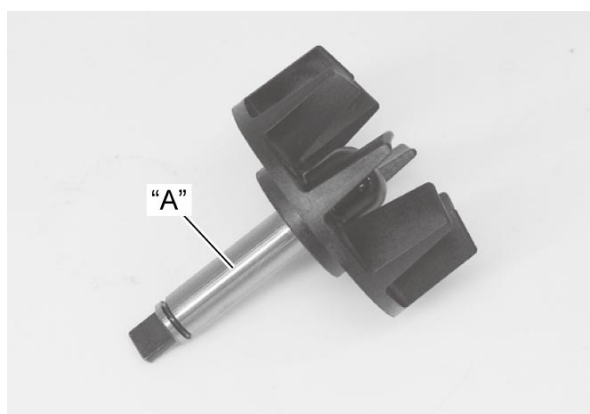
NOTE:

- The paint marked side (2) of the mechanical seal ring faces the impeller.
- Make sure the mechanical seal ring is fit into the impeller.



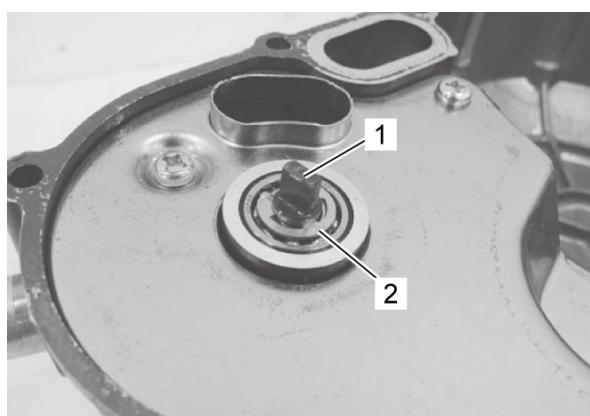
7) Apply grease to the impeller shaft.

"A": Grease 99000-25011 (SUZUKI SUPER GREASE A)

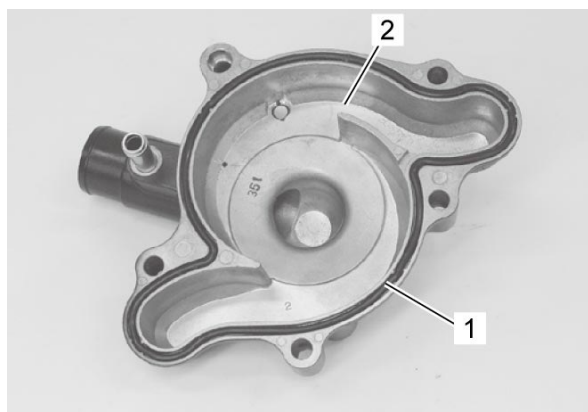


8) Install the impeller shaft (1).

9) Install the E-ring (2) to the impeller shaft.



10) Install the new O-ring (1) to the water pump body (2) and apply engine coolant to it.



11) Install the dowel pin (1).

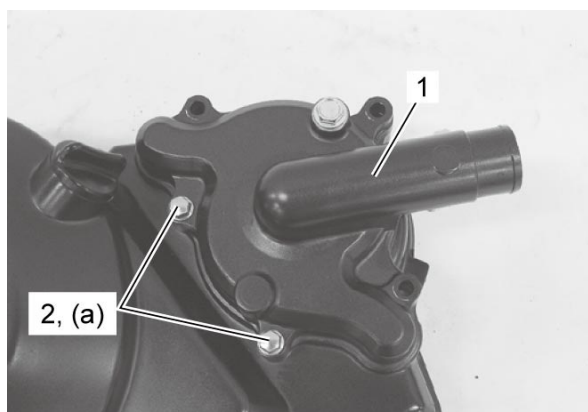
img




12) Install the water pump case (1) and tighten the bolts (2) to the specified torque.

Tightening torque

Water pump case bolt (a): 10 N·m (1.0 kgf-m, 7.5 lbf-ft)



13) Install the clutch cover. 

14) Pour engine coolant. 

15) Bleed air from the cooling system. 