

Replacing TS400 、 TS800 Mechanical Seal

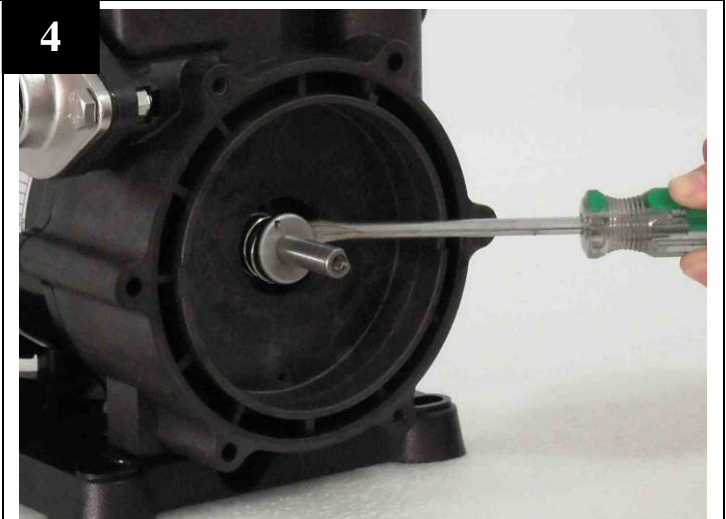
1. Removing mech seal.

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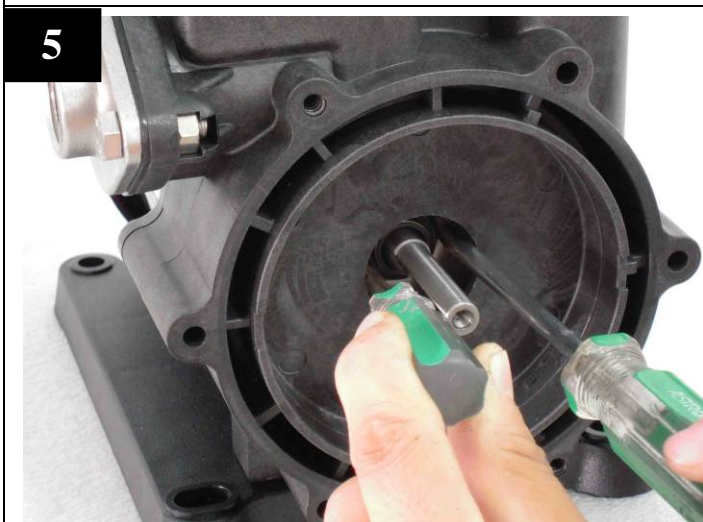
Using Allen wrench (metric size) to remove the 6 stud bolts.

Using wrench to remove the stud bolt.



Remove all impellers, sleeves and intermediate chambers and place them in order.

Remove the cap and spring.



Remove the rotary parts of mechanical seal.

Remove the stationary part of mechanical seal.

2.Assembling mech seal.

1



Spray water on the shaft as lubrication.

2



Identify the sign on stationary part(rubber).
※Must equip the special mechanical seal by heat-resist.

3



Place the stationary part in position and press in.

4



Identify the sign on rotary part(rubber).
※Must equip the special mechanical seal by heat-resist.

5



Place the spring onto rotary part.

6



Place the cap onto spring.

7



Press in the rotary part.

8



Install O-ring onto the intermediate chamber seat.
※Make sure it is clean

9



Place back all impellers, sleeves and intermediate chamber in order.

10



Tighten up the stud bolt.
※Torque 15-20 kgf · cm

11



Install O-ring onto pump cap.
※Make sure it is clean



Tighten up the stud bolts.
※Torque 35-40 kgf · cm