

Replacing TP3、8-P Series Mechanical Seal

1. Removing mech seal.

WI-D3-S-B050E-1

1



Using wrench to remove the stud bolts and remove the pump casing.

2



Use the screwdriver to loosen the impeller set screw.
※The impeller must be pressed

3



Remove the impeller.

4



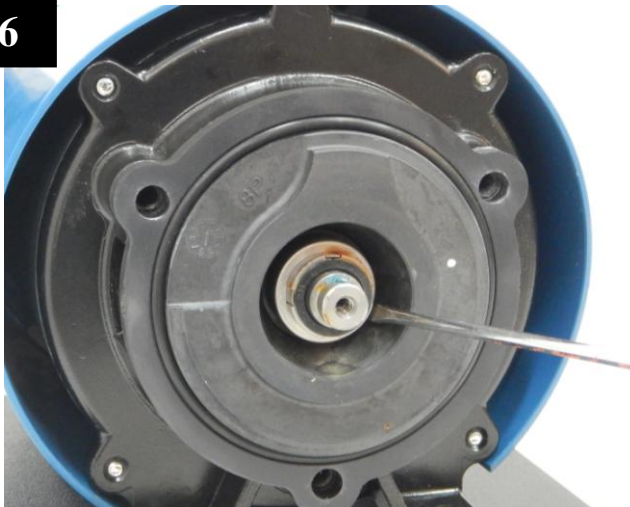
Remove the spring.

5



Remove the steel ball.

6



Remove the rotary part of mechanical seal.

7

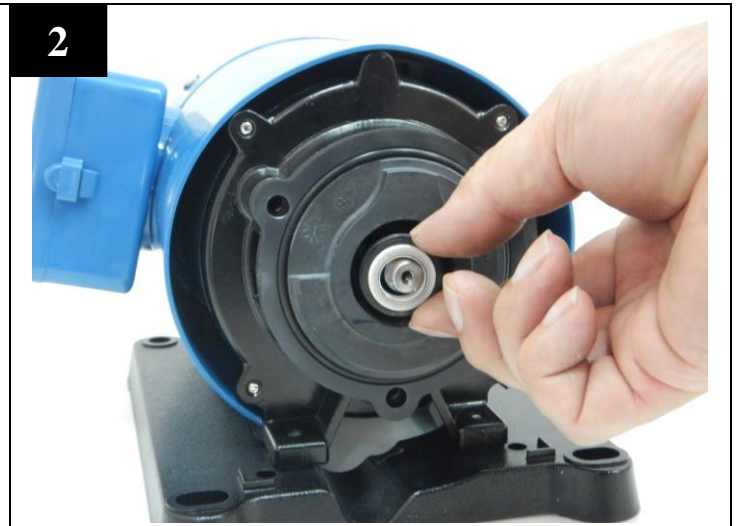


Remove the stationary part.

2. Assembling mech seal.



Spray water on the shaft as lubrication.



Place the stationary part on shaft.



Press in the stationary part.



Spray water on the shaft as lubrication.



Put on the rotary part of mechanical seal

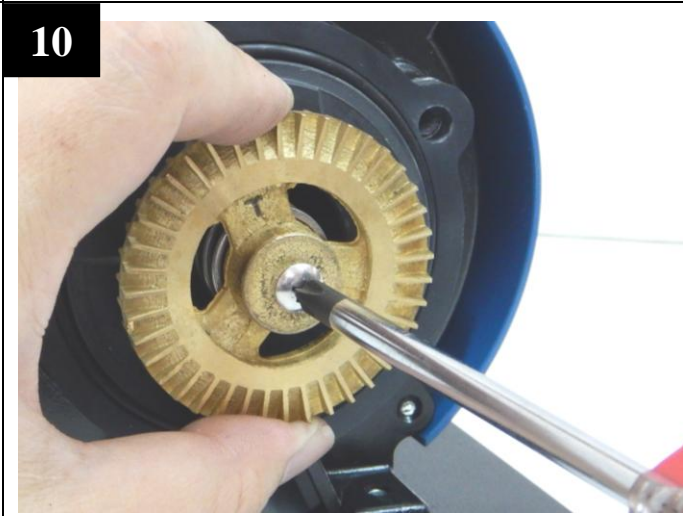
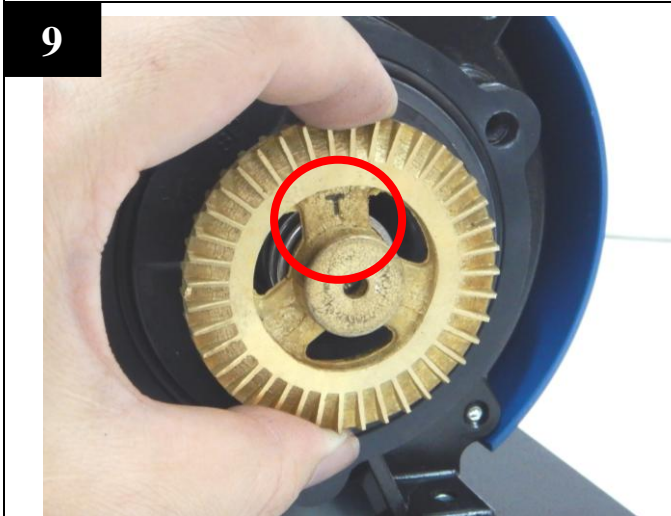


Press in the rotary part.



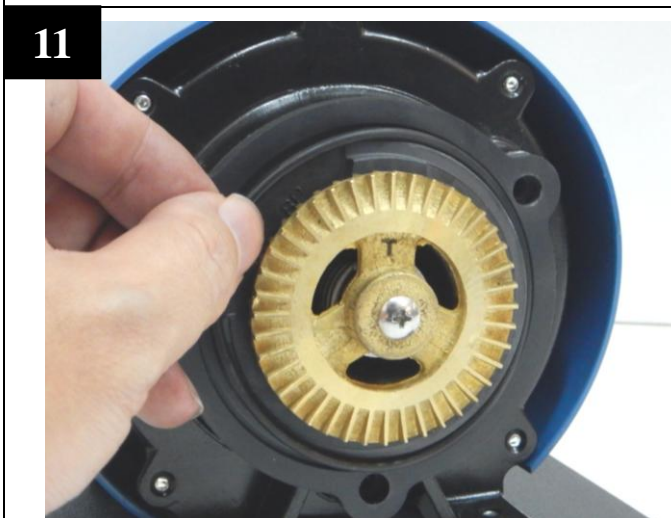
Use flathead screwdriver to put the steel ball into the hole.

Place back the spring.



The impeller T-mark is aligned with the direction of the steel ball. Press in the impeller.
 ※ It must be noted whether the steel ball is dropped

Place the fixing screws and tighten the impeller fixing screws with a Phillips screwdriver.
 ※Compaction the impeller.
 ※Torque -15-20 kgf · cm



Place a new O ring on flange bracket set.

Install the pump casing and using wrench to tighten up the stud bolts.
 ※Torque 50-60 kgf · cm