

# Replacing TP3、8-P Series Mechanical Seal

## 1. Removing mech seal.

WI-S-HA00-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



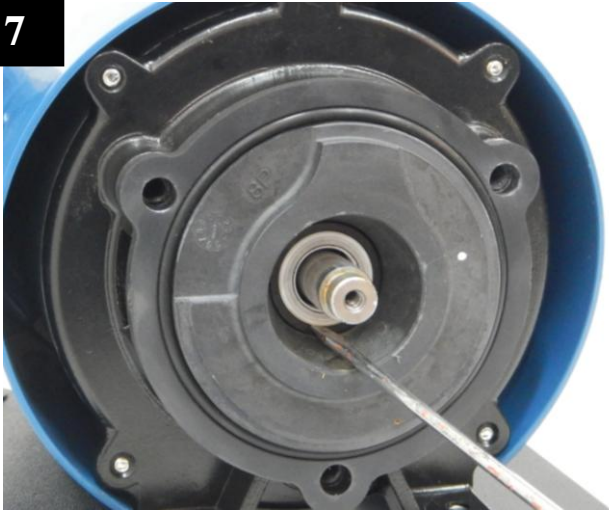
Remove the steel ball.

6



Remove the rotary part of mechanical seal.

7

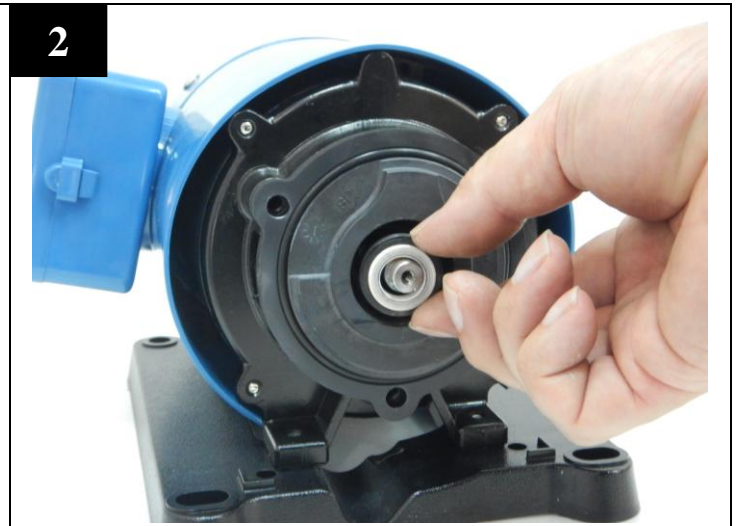


Remove the stationary part.

## 2. Assembling mech seal.



1 Spray water on the shaft as lubrication.



2 Place the stationary part on shaft.



3 Press in the stationary part.



4 Spray water on the shaft as lubrication.



5 Put on the rotary part of mechanical seal

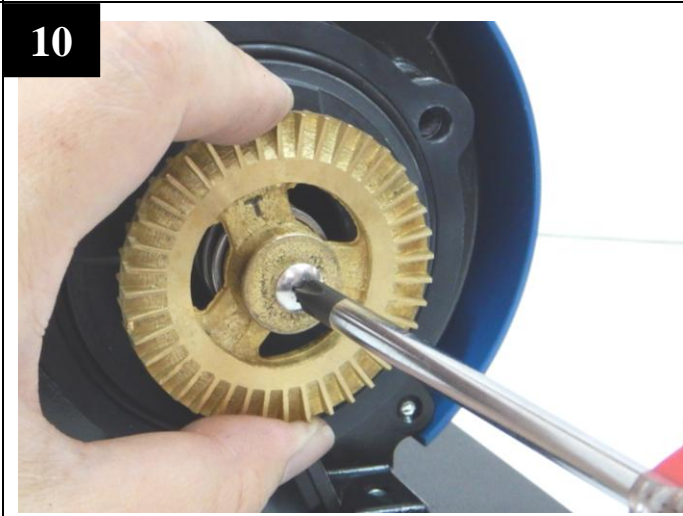
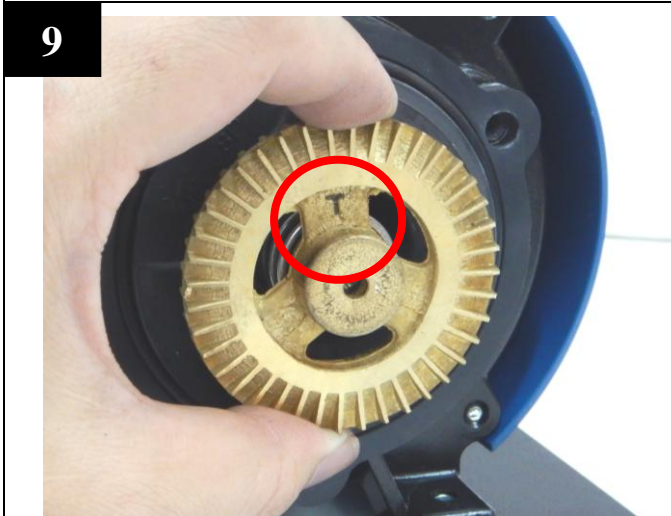


6 Press in the rotary part.



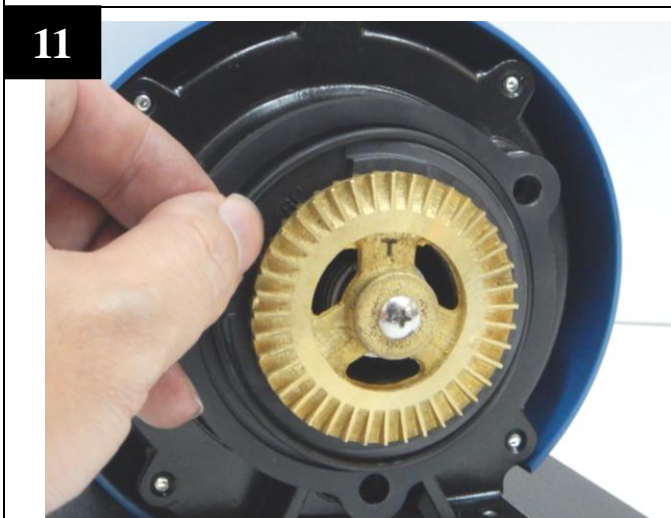
Use flathead screwdriver to put the steel ball into the hole.

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