

Replacing HQ200 & HQ400 Mechanical Seal

1. Removing mech seal.

WI-D3-S-B045E-1



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

Using wrench to remove the stud bolt.



Remove all impellers, sleeves and intermediate chambers.

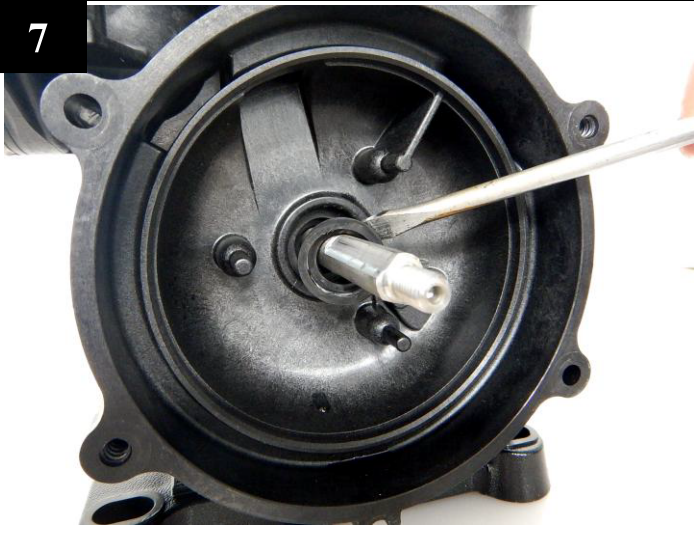
place all impellers, sleeves and intermediate chambers in order.



Remove the rotary parts of mechanical seal.

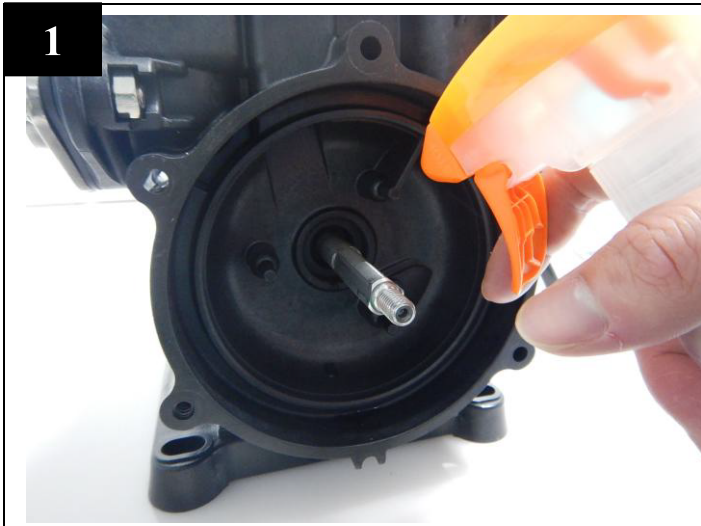
Remove ceramic parts from mech seal kit.

7

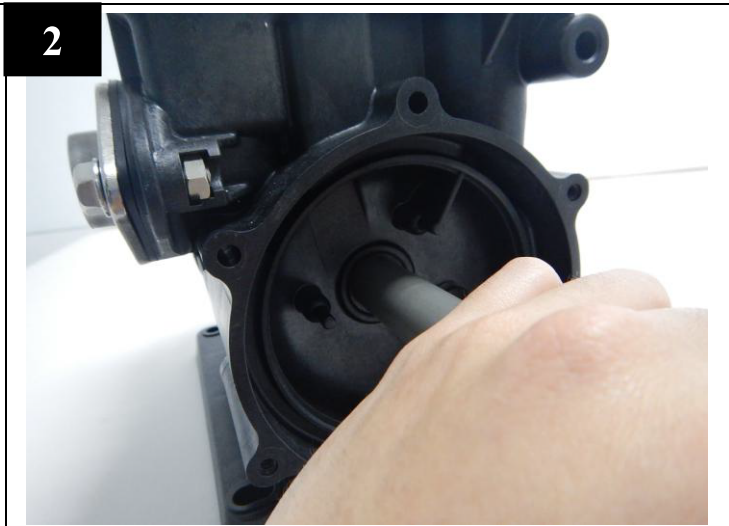


Remove the stationary part (rubber) of the mechanical seal.

2.Assembling mech seal.



Spray water on the shaft as lubrication.



Place the stationary part in position and press in.



Put on the rotary part of mechanical seal.



Press in the rotary parts.



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



Tighten up the stud bolt.

7



8



Install O-ring onto pressure tank.
(make sure it is clean)

Install the pressure tank.

9



10



Identify different sizes of stud bolts.

Install shorter stud bolts on the red circled places.

11



Tighten up the stud bolts.