800 SERIES DISASSEMBLY & MAINTENANCE INSTRUCTIONS

SIZE	MODEL
1/4"	808
3/8"	810

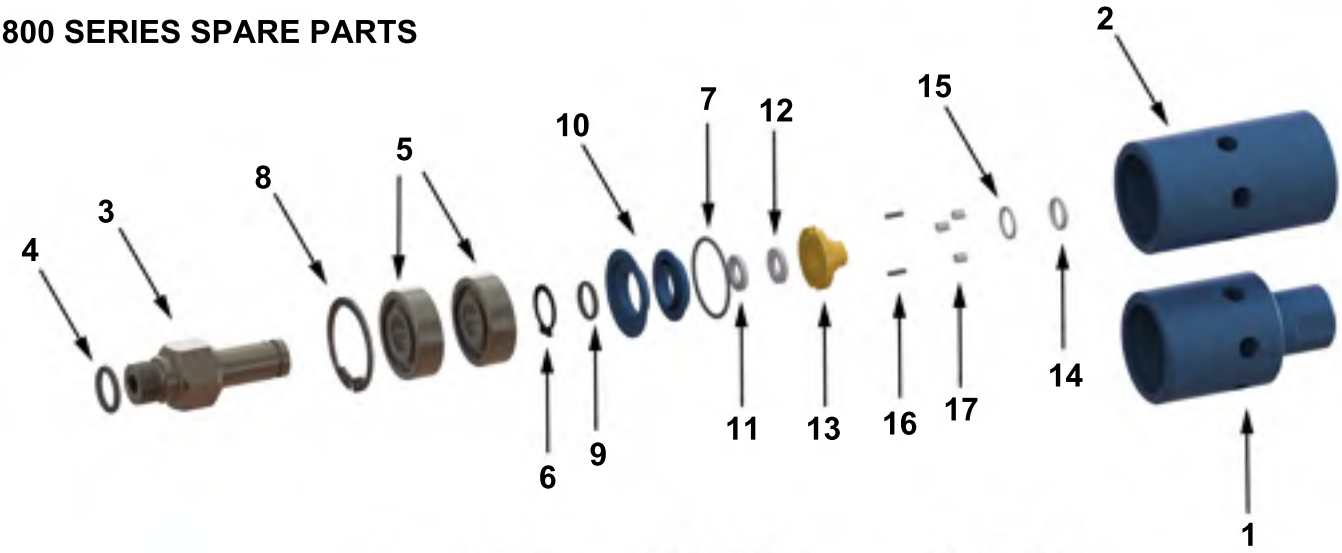
AXIAL TYPE

RADIAL TYPE

WARNING

Unless specified; ROTOFLUID rotary joints must not be used with Hydrocarbons or Flammable Mediums. Leaking may result explosion or fire.

800 SERIES SPARE PARTS



NO	PART NAME	QTY
1	AXIAL HOUSING	1
2	RADIAL HOUSING	1
3	SHAFT	1
4	SHAFT FRONT O-RING	1
5	BALL BEARING	2
6	EXT. RETAINING RING	1
7	HOUSING O-RING	1
8	INT. RETAINING RING	1
9	SLINGER O-RING	1
10	SLINGER SET	1
11	SEAL RING	1
12	FLOATING SEAL RING	1
13	FLOATING SEAL HOLDER	1
14	O-RING	1
15	BACK-UP	1
16	PIM	2
17	SPRING	3

1- Before disassembling the joint from the machine, close inlet valve and wait for all the medium to be drained completely. Be sure that there is no pressure and no residual pressure is applied to the pipe line system of the machine.
2- Disconnect inlet hose from the supply pipe or valve.
3- Disassemble shaft from the machine with appropriate tool.
4- Hold the housing of the joint with a bench wise and take out the inlet hose from the housing.
5- Becareful not to damage the housing while holding it with the bench wise.
6- Prepare a clean place on the table where planned to make the maintenance.
7- Place the joint on the table onto the housing and control visually if there is any damage or defects.
8- Take out the shaft plot o-ring(4).
9- Do not forget that there is spring(17) inside the joint. All internal parts may pop out from the housing because of the force of the spring.
10- Hold the shaft from the threaded side and press through the housing.
11- Take out the internal retaining ring(8) with snap ring pliers.
12- Take out the shaft with bearings slowly.
13- Take out the housing o-ring(7) from the housing socket.
14- Disassemble the seal ring(11) from the shaft. Becareful not to damage the sealing socket.
15- Disassemble the bearing slinger set(10).and take out the slinger o-ring(9) from the shaft.
16- Take out the shaft retaining ring(6) with appropriate snap ring pliers.
17- Disassemble ball bearings(5) from the shaft. Do not damage seal ring socket.
18- Clean shaft and inspect for corrosion and deformation. If necessary change it with new one.
19- Take out floating seal group(12-13) with o-ring(14) and back-up(15) together.
20- Seperate o-ring(14) and back-up(15) from the floating seal holder.
21- Take out the floating seal ring(12) from the holder.
22- Take out springs(17) from the sockets and inspect for corrosion and deformation, if needed replace them with new ones.
23- Clean all internal surfaces of the housing, check for corrosion and deformation. If sealing surfaces are damaged, change the housing with new one.
24- Control anti rotation pims(16), if needed, replace them with new ones.
25- Assemble new ball bearings(5) onto the shaft and fix them with shaft retaining ring(6).
26- Place a new slinger o-ring(9) into the socket of the shaft and apply grease slightly.
27- Assemble slinger set(10) onto the shaft.
28- Place new seal ring(11) into the socket of the shaft. Becareful not to damage sealing surface.
29- Assemble a new housing o-ring(7) into the socket of the housing and apply grease slightly.
30- Place a new floating seal ring(12) into the socket of the floating seal holder(13).
31- Assemble new o-ring(14) and back-up(15) onto the floating seal holder and apply grease slightly.
32- Apply grease into the spring sockets of the housing and place new springs(17).
33- Becareful that the sockets of the floating seal holder must face to pims of the housing when placing floating seal group together on the springs inside the housing.
34- Hold the shaft from the threaded side; assemble it into the housing.
35- Press the shaft through to the housing and fix it with housing retaining ring(8).
36- Check rotation of the joint, if any knocking or noise show up, go to step 7 and follow the steps.
37- Place a new shaft plot o-ring(4).
38- Hold the housing of the joint with a bench wise and assemble inlet hose to the housing.
39- Assemble the joint to the machine roll. Control rotation of the joint; if any eccentricity seems, disassemble it and assemble it again.
40- Assemble the inlet hose to the supply pipe or valve.
41- Now the joint is ready for work.