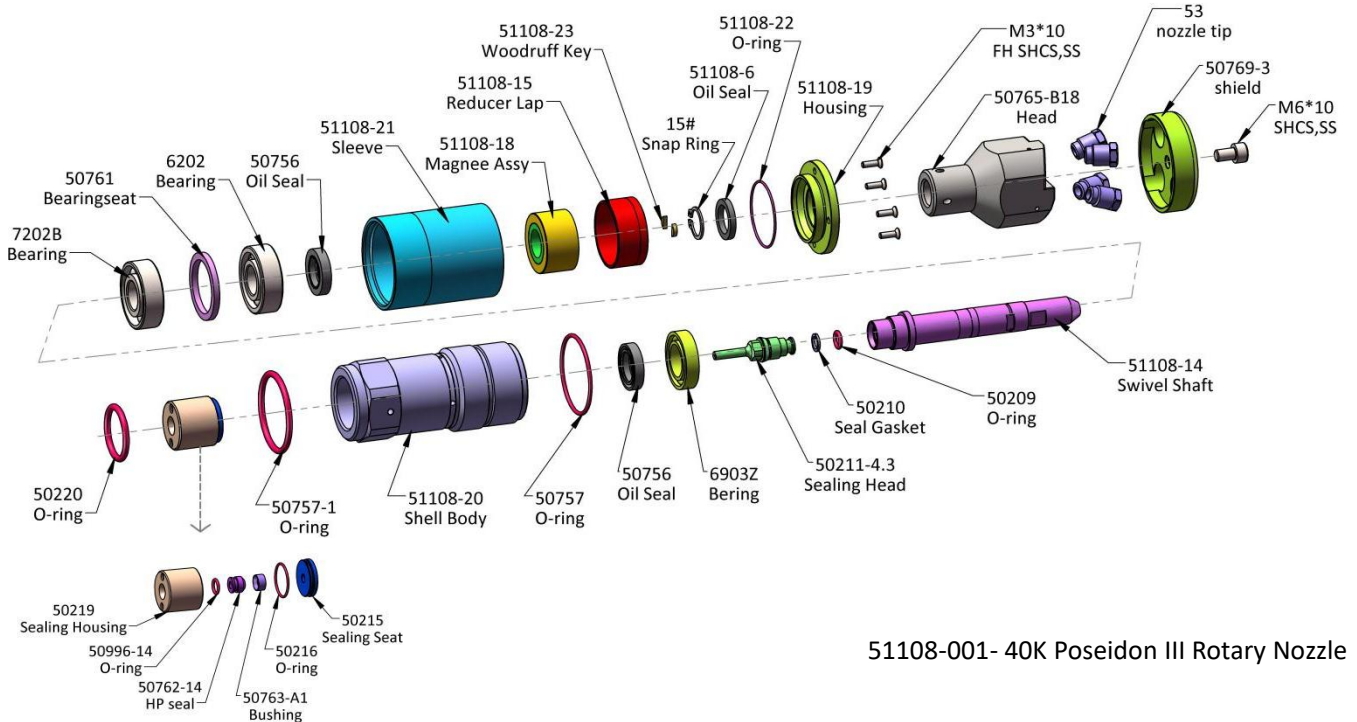


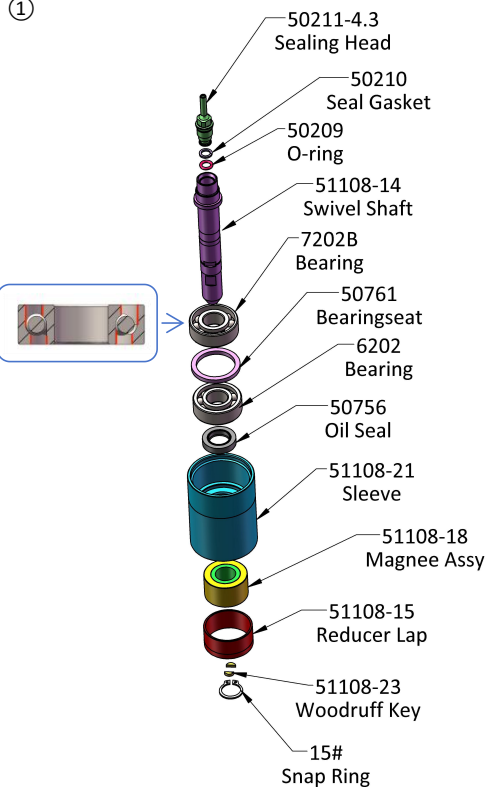
# Directions



51108-001- 40K Poseidon III Rotary Nozzle

## Assembly

①



1.Insert the sealing gasket and O-ring on the sealing head in order. Then install it into the rotating shaft.

2. Install the 50756 oil seal separately first.

3.Insert the bearings and backing ring onto the rotating shaft in sequence. And install the sleeve from above.

4.Put the magnetic reducer loop outside the magnetic assy and put 2 Woodruff keys at the bottom of the magnetic assy.

5.Install the magnetic assy set into the sleeve from the bottom.

6.Fix with snap ring.

②



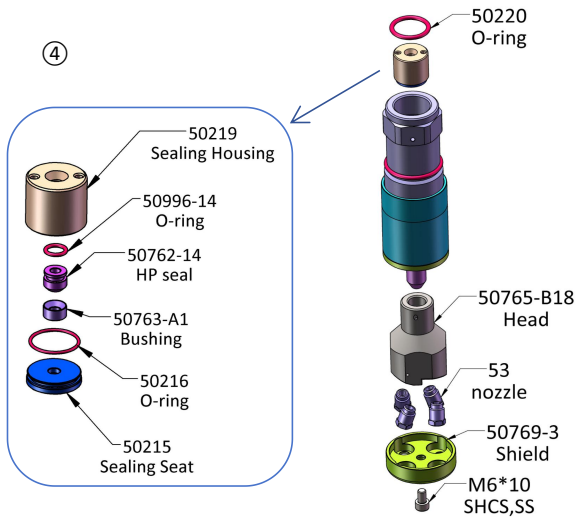
7. Insert the Oil Seal and O-ring on the rotating shaft from bottom to top and fix it with screws.

③



8.Insert the O-ring, Bearing and Oil Seal onto the sealing head in sequence.

9.Install the Shell Body.



10. Install the integrated sealing housing. And secure the O-ring.

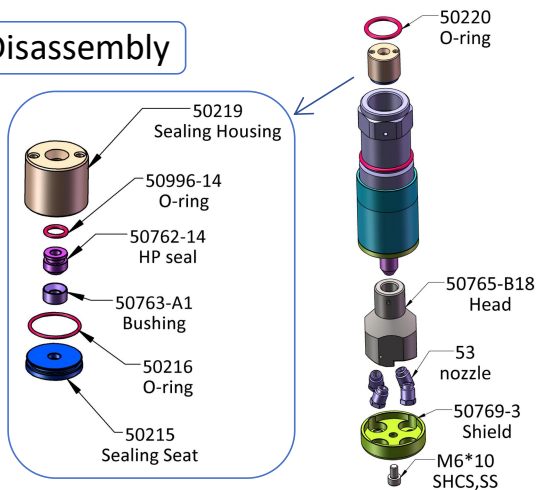
11. Insert the nozzles tips.

12. Cover with the shield and tighten it with screws SHCS, SS.

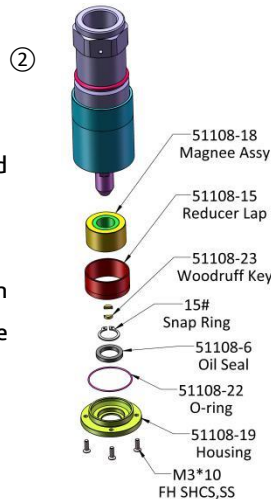


13. Assembly completed.

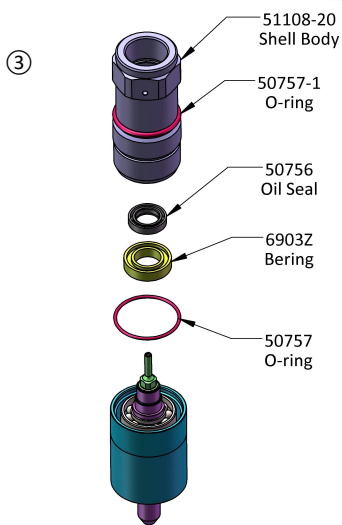
**Disassembly**



1. Remove the O-ring.
2. Pour out the integrated sealing housing.
3. Unscrew the nozzle.
4. Remove the SHCS,SS from the shield. Take out 4 nozzle tips.



5. Remove the 4 screws from the shield. And remove the Snap Ring.



6. Pull out the Shell Body. Hook the O-ring in the Shell Body. Remove the oil seal, bearings, sealing head, and sealgasket in sequence.



7. Pull out the swift shaft. Remove the bearing, bearingseat, and oil seal from the sleeve.

**Troubleshooting**

**High Pressure Seal Leak:**

If water is coming out of the single round hole in the body, it is the inlet connection that is leaking. If water is coming out of the slots in the body, it is the high pressure seal that is leaking.

**Seals wear out quickly:**

Remove and inspect the cartridge parts.

**Will not rotate:**

Check the nozzles to see if they are plugged or partially plugged.

**To assemble the Cartridge Assy**

