



Read all of the maintenance instructions and safety procedures before proceeding.

1	A SERIES HOUSING	1
2	A SERIES SHAFT	1
3	A SERIES HOUSING FLANGE	1
4*	SEAL RING	1
5*	SEAL O-RING	1
6	BOLTS	X

* Spare parts set

1. Close inlet and outlet valves and wait for all the medium in the system to be drained completely. If hot medium is used, wait system to be cooled down to normal temperature.
2. Disassemble the swivel joint from the system with an appropriate tool.
3. Now the joint is ready for maintenance.
4. Put the ball joint on a clean table on to the backside of the joint.
5. Remove hex bolts(6) with an appropriate wrench and separate housing flange(3) from the housing(1).
6. Take out the front seal ring(4) from the housing.
7. Hold the shaft(2) from the nose and take it out.
8. Remove shaft o-ring(5) from the shaft.
9. Clean all parts and pay attention not to leave any dirt, burr, etc. inside.
10. Inspect concave surface of the housing(1). If there is any deformation, replace it with new one.
11. Clean shaft(2) surface carefully.
12. Inspect convex surface, if there is any deformation, replace it with new one.
13. Be careful not to damage when assembling shaft o-ring(5) onto the shaft.
14. Apply grease onto the convex surface of the shaft and place the shaft into the housing.
15. Assemble front seal ring(4) while both convex and concave surfaces facing together.
16. Clean housing flange(3) and place it onto the front seal ring.
17. Fix housing flange to the housing with cleaned bolts.
18. Be careful not to apply force on the ball joint while assembling the joint to the system.
19. Open inlet and outlet valves, check if any leaking occurs. If there is no leakage, the swivel joint is ready to be placed back in service.