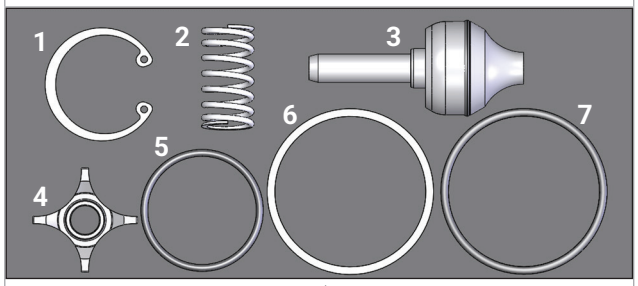
REPAIR INSTRUCTIONS:
CNG-Series: 8CNGF8-S (Version 2)

Repair kit part number 8CNG-SRKIT-V2.
NOTE: Wear the proper protective equipment (PPE) at all times to protect the eyes and hands.
Heed all specific instructions. Read all instructions prior to beginning.

Component List:



1. 1x retaining ring
2. 1x valve spring
3. 1x socket valve assembly
4. 1x valve guide
5. 1x -916 O-ring
6. 1x -128 back-up ring
7. 1x -128 O-ring

NOTE:
Components 5, 6, and 7 are only used for 8CNGOM8-S, not required for 8CNGF8-S.

Step 1: Disassembly Procedure

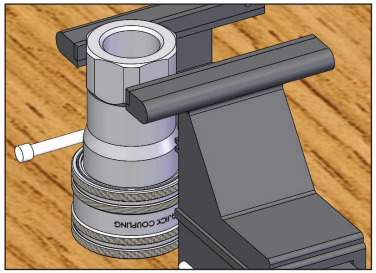
Recommended tools:

snap ring pliers

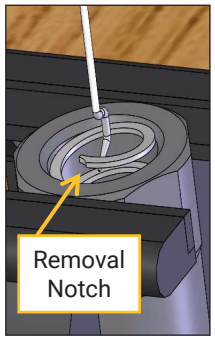
pick awl

vise

To remove and replace the socket valve assembly, use a vise, snap ring pliers, and a pick awl. Clamp the threaded end of the socket body upright in the vise, ensuring the hex surface is protected from damage, as shown.

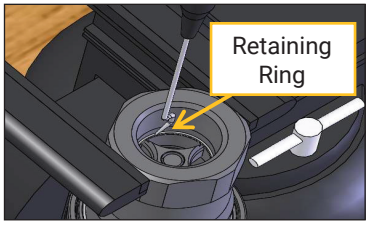


Step 2: Valving Removal

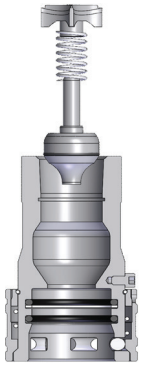


CAUTION: Compressed spring being released.

Locate the removal notch on the installed retaining ring. This notch creates a gap between the end of the ring and the socket body. Carefully begin unwinding the retaining ring coils, ensuring the internal threads are not damaged. Continue until the retaining ring is completely removed.

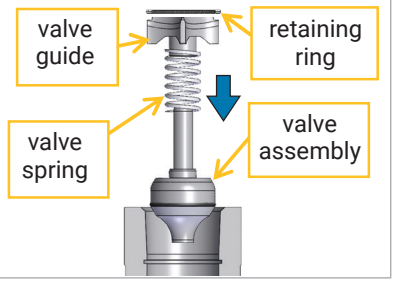


Step 3: Valving Replacement



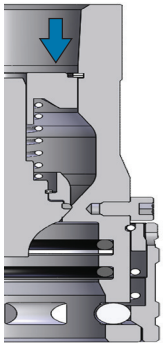
NOTE: Remember the particular order of components when parts are removed.

Remove and discard the used components. Stage the new components to avoid confusion when installing. Insert the new valve assembly into the socket body with the seal end first. Place the spring on the valve stem. Add the valve guide with the flat end facing outward.

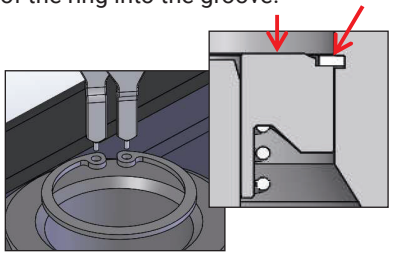


Step 4: Retaining Ring Installation

CAUTION: The the next step will compress the spring under load.

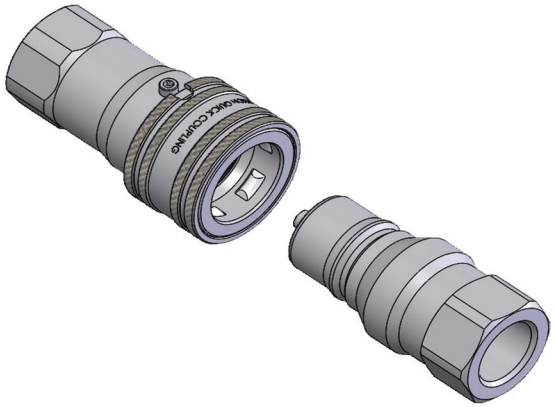


Using the snap ring pliers, slightly compress the retaining ring inward and position it over the outer flat surface of the valve guide. While pressing down on the valve guide to expose the internal groove, insert the ring into the groove. Release the clip and wind the remaining portion of the ring into the groove.



Step 5: Connect/Disconnect

Verify that the rebuilt socket successfully connects to a plug. It is recommended to test the assembly for leaks during initial use under operating pressure.



Dixon
ph: 877.963.4966
dixonvalve.com