REPAIR INSTRUCTIONS:

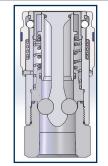
HT-Series Coupler

Valid for part numbers: 2HT, 3HT, 4HT, 5HT, and 6HT

NOTE: Wear the proper protective equipment at all times to protect the eyes and hands. Read all instructions prior to beginning.

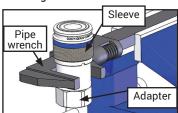


Step 1: Disassembly Procedure



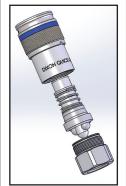
NOTE: Remember the particular order of components when parts are removed.

To repair the coupler, first remove the adapter from the body. Clamp the adapter in a vise. Then untorque body using a pipe wrench, avoiding contact with the sleeve.



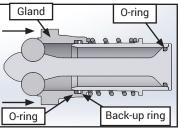
CAUTION!! Spring and/or other components may eject suddenly upon thread disengagement!

Step 2: Seal Removal



NOTF: Clean metal components as necessary.

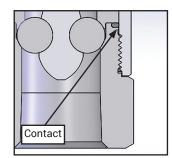
To disassemble, depress the gland and remove retaining balls.



Remove all seals being careful not to scratch the metal surfaces, avoid damage to the threaded areas.

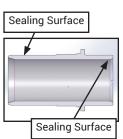
Step 3: Seal Installation

Generously lubricate the seal contact surfaces in the parts.



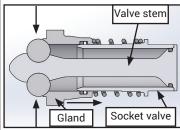
NOTE: Lubricant must be compatible with seal and application fluid.

Step 4: Valve Assembly

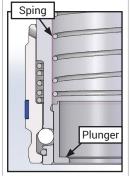


NOTE: Lubricate the out/inside diameter of sealing surface valve as shown.

Install socket valve as shown over the stem and in the direction shown, carefully push over seal until flush, then add the spring and the gland. Depressing the gland will allow the retaining balls to be added.

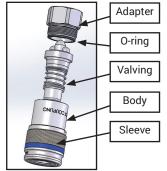


Step 5: Final Assembly



Verify the plunger and it's spring are still in positionas shown above.

Now install remaining internal components in order shown.



NOTE: O-ring must be installed onto adaper before assembling.

Step 6: Torque Rebuilt Coupler

Factory recommended torque specifications

O-rina

NOTE: Install o-ring

and back-up ring in

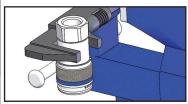
order as shown.

Back-up ring

Body Size	Torque (ftlb.)
2HT	45-55
3HT	45-55
4HT	65-75
5HT	75-85
6HT	75-85
4HT 5HT	65-75 75-85

NOTE: Hand tighten adapter to body before placing in pipe wrench.

Clamp pipe wrench into vise then place coupler into pipe wrench in the area shown below. Then, torque the adapter to recommended torque specification.



Test assembly by connecting/ disconnecting product and leak testing.

Dixon Quick Coupling 2925 Chief Court • Dallas, NC 28034 ph: 704.334.9175 • fx: 704.334.9002 dqc_sales@dixonvalve.com dixonvalve.com