### **REPAIR INSTRUCTIONS:**

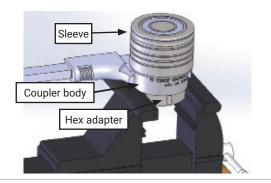
## **ST-Series Coupler**



Valid for part numbers: 2ST-SKIT, 3ST-SKIT, 4ST-SKIT, 6ST-SKIT & 8ST-SKIT. Repair kit contains: 0-rings, back-up rings NOTE: Wear the proper protective equipment at all times to protect the eyes and hands. Read all instructions prior to beginning.

#### Step 1:

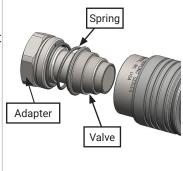
To gain access to the old seals, first remove the hex adapter with a vise and a pipe wrench. Securing the hex end in the vise jaws use the pipe wrench to loosen (avoid contact with sleeve).



#### Step 2:

Note: Take the assembly out of the vise and place on a clean flat surface then completely twist off the adapter.

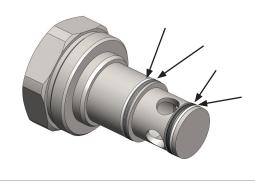




Now remove the valve, spring adapter assembly.

#### Step 3:

Remove with a pick, the O-ring and back-up ring from both outside middle and end diameter grooves of the adapter body (remove and stage old parts).



#### Step 4:

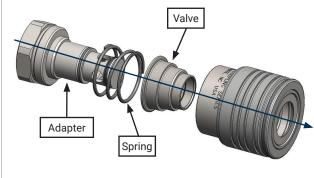
Note: Before installing the new components, make sure that the new ones are the same size. After that, discard the old damaged ones.

While making sure the order of installation is as shown (step 3). First, add back ring into the inside grooves at the furthest position from the inside, then push in the grove 360° around the body. Repeat with 0-ring on the inside of both of the back-



#### Step 5:

Add the valve as shown, then add the spring. Slide the adapter through them both until bottoming out.



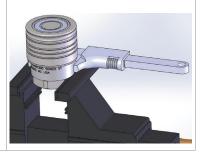
# hand tight

Twist together



#### Step 6:

Place the hex end in a vice and use a pipe wrench to tighten (avoid contact with sleeve). Approximate torque rating is 90-100 ft./lbs.



**Dixon Quick Coupling** 2925 Chief Court • Dallas, NC 28034

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