# **REPAIR INSTRUCTIONS:**

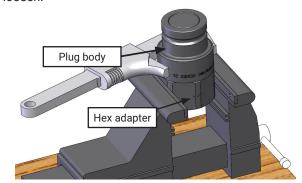
# **ST-Series Plug**

The Right Connection®

Valid for part numbers: ST2-SKIT, ST3-SKIT, ST4-SKIT, ST6-SKIT & ST8-SKIT. Seal kit contains: O-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:

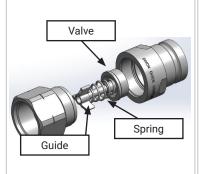
To gain access to the old seals, first remove the hex adapter with a vise and a pipe wrench. Securing the hex end in the vise jaws use the pipe wrench to loosen.



## Step 2:

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

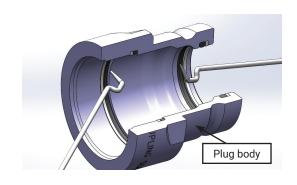




Now remove the valve, valve guide, and spring.

## Step 3:

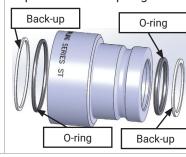
Remove with a pick, the O-ring and back-up ring from both inside diameter ends of the plug body (remove and stage old parts).



# Step 4:

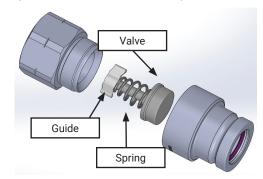
Note: Before installing the new components, make sure that the new ones are the same size. After that discard the old damaged ones.

While making sure the order of installation is as shown add O-ring into the inside groove at any position, then push in the groove 360° around the body. Repeat with back-up ring.



#### Step 5:

Add the valve (as shown below) pushing it past the O-ring/back-up ring. Now add the spring and then place the valve guide in the orientation shown in the picture below, now add adapter.



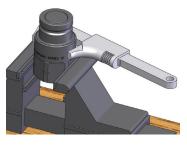
Dixon Quick Coupling
2925 Chief Court • Dallas, NC 28034
ph: 704.334.9175 • fx: 704.334.9002
dqc\_sales@dixonvalve.com
dixonvalve.com

#### Step 6:

Twist together hand tighten



Place the hex end in a vice and use a wrench to tighten (approximate torque rating is 90-100 ft./lbs.).



If non-standard seal materials were installed, indicate such by scribing or stenciling the correct DQC seal prefix in an obvious location upon the coupler bodies.

© 2020 DVCC • RKI-ST plug\_620\_inhouse