

IsoSampler™ Pro Maintenance Guide

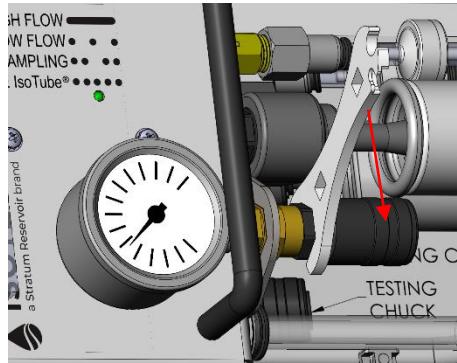
We recommend changing the o-rings in the chucks every 400-500 samples.

Installing new o-rings in the Test Chuck

You will need the 9/16" open end wrench and two replacement o-rings from the spare parts kit.

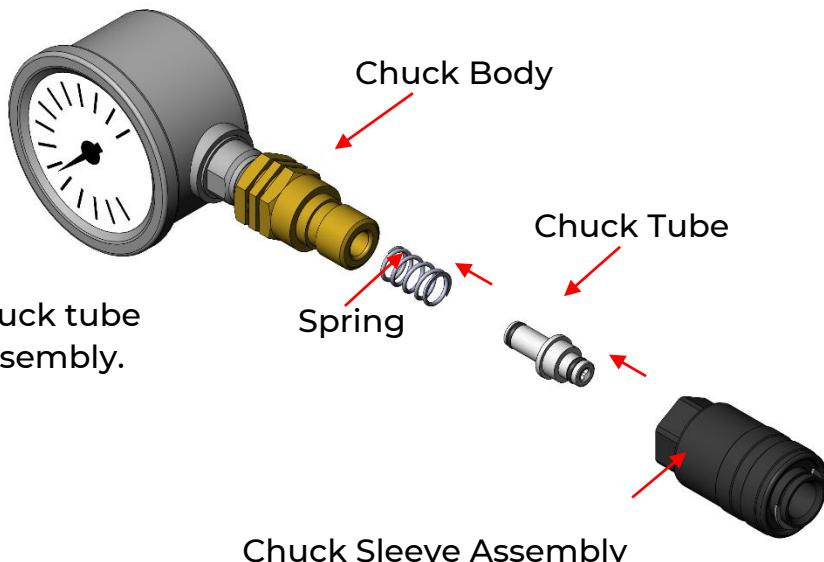


Step 1



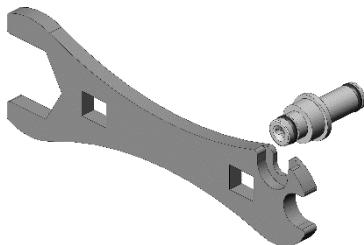
First, use the 9/16" wrench to disassemble the gauge chuck. Separate the chuck sleeve assembly from the brass chuck body.

Step 2

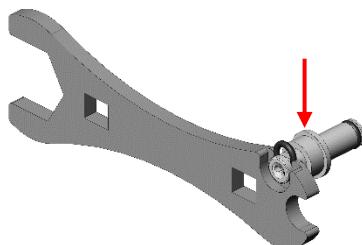


Step 3

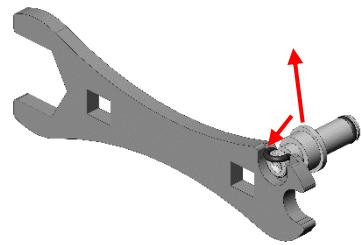
Next, remove the o-rings from the Chuck Tube as shown below using the o-ring removal tool on the 9/16" wrench.



Align the o-ring groove with the narrow slot on the side of the wrench.

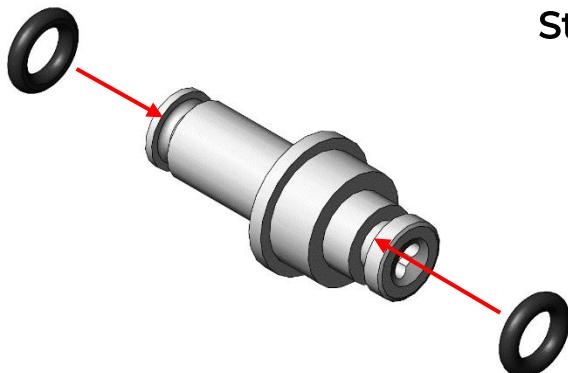


Push the o-ring groove into the slot on the wrench so the o-ring protrudes from the groove.



Push the protruding o-ring to the side and pull the o-ring groove out of the slot.

Repeat this process for other o-ring.



Step 4



Next install two new o-rings by slipping them over both ends of the chuck tube.

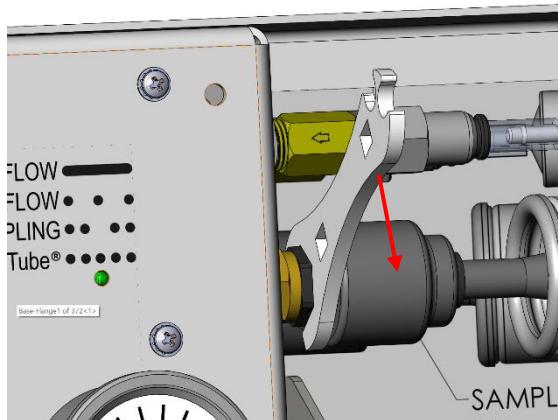
To assemble the chuck, reverse the disassembly process.

Installing new o-rings in the IsoTube® Sampling Chuck

You will need the 9/16" open end wrench and two replacement o-rings from the spare parts kit.

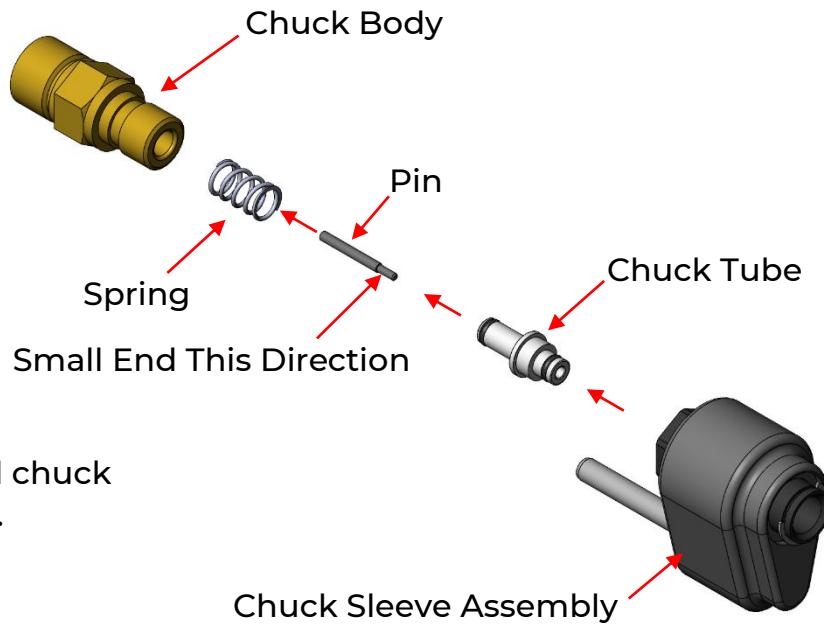


Step 1



First, use the 9/16" wrench to disassemble the sampling chuck. Separate the chuck sleeve assembly from the brass chuck body.

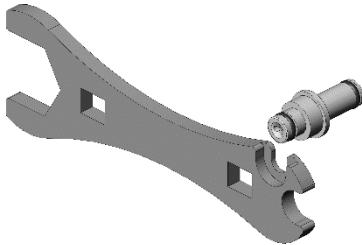
Step 2



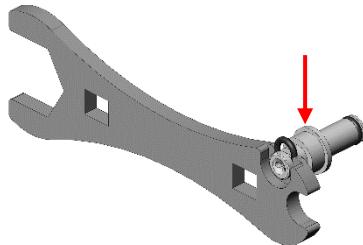
Remove the spring, pin and chuck tube from the chuck.

Step 3

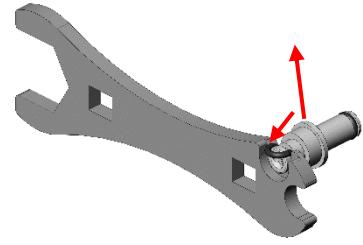
Next, remove the o-rings from the chuck tube as shown below using the o-ring removal tool on the 9/16" wrench.



Align the o-ring groove with the narrow slot on the side of the wrench.



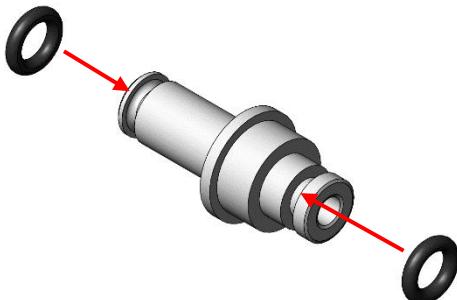
Push the o-ring groove into the slot on the wrench so the o-ring protrudes from the groove.



Push the protruding o-ring to the side and pull the groove out of the slot.

Repeat this process for other o-ring.

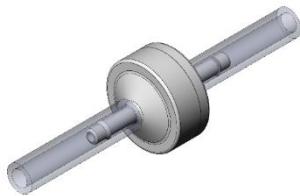
Step 4



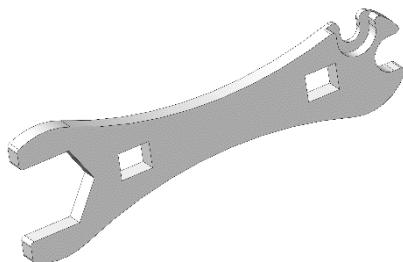
Next install two new o-rings by slipping them over both ends of the chuck tube.

To assemble the chuck, reverse the disassembly process.

Changing the Replaceable Filter Assembly*



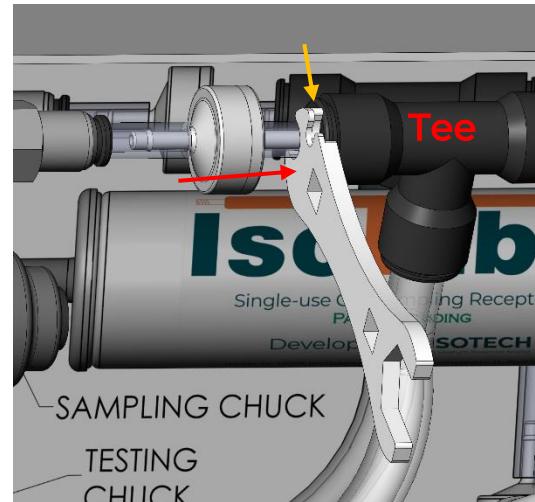
You will need one of the Replaceable Filter Assemblies from the parts kit and the wrench.



*The filter should be changed when there are any signs of debris in the clear tubing on the inlet side of the filter. The filter should be changed when the chucks are being serviced.

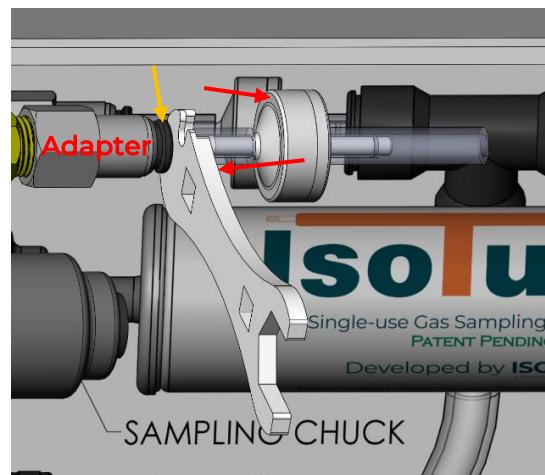
Step 1

Use the small end of the wrench to push against the locking ring (yellow arrow) of the push to connect Tee. This will release the tubing from the Tee.



Step 2

Use the small end of the wrench to push against the locking ring (yellow arrow) of the push to connect adapter, then pull on the filter to release the tube from the adapter. Discard the filter assembly.



Step 3

Using a new filter, reverse the disassembly process. Connect the conical end of the filter to the push to connect adapter. Connect the other end of the filter to the push to connect Tee.