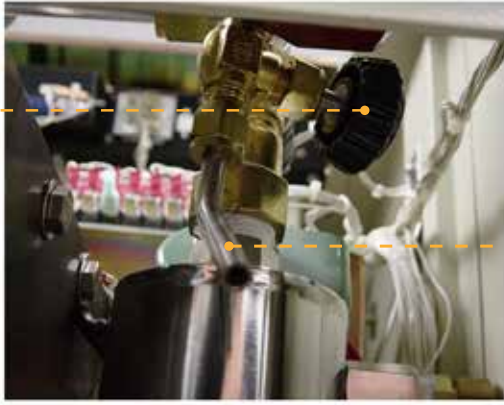
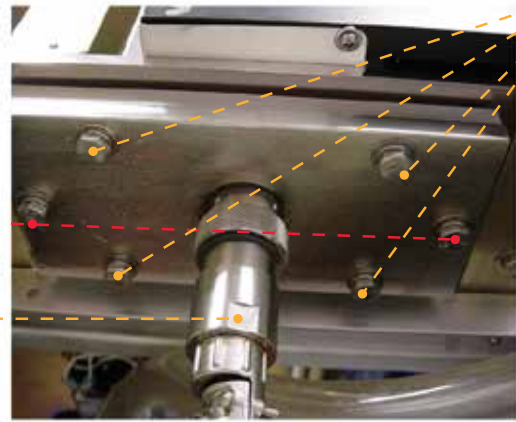


Ion Pump Change



Step 1: Open Vent

Step 2: Open vent with nitrogen on vent tube



Step 3: before unscrewing bolts, unscrew high voltage cable from flange

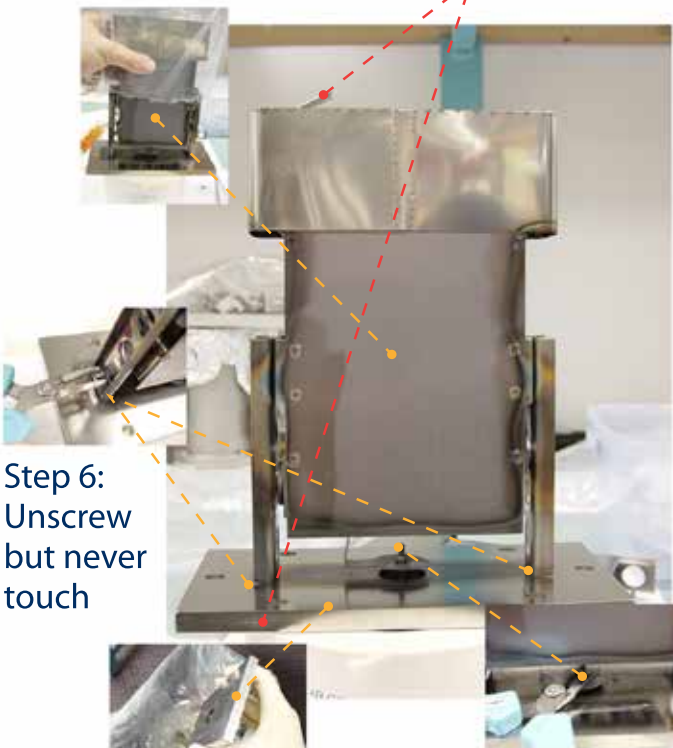
Step 4: First unscrew the four flange bolts to loosen the vacuum seal while the two outer bolts support the weight of the ion pump.

Step 9: When placing ion pump back in make sure the tab and identification mark is on your left.

Note: Never touch with bare hands

Step 5: Then unscrew the outside bolts

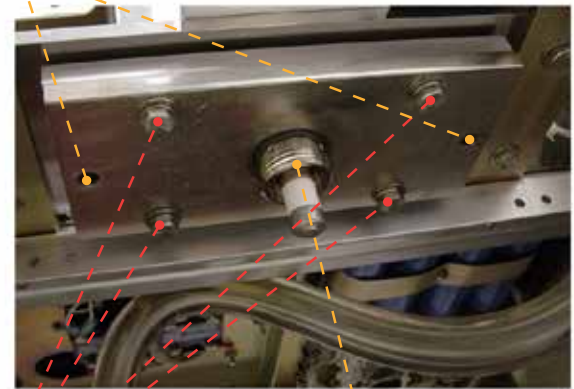
Step 10: Screw the two outside bolts first



Step 6: Unscrew but never touch

Step 8: After you take ion pump off, knock off metal bits

Step 7: Unscrew but never touch



Step 11: Then screw the four outside bolts

Step 12: Put the high voltage cable on last