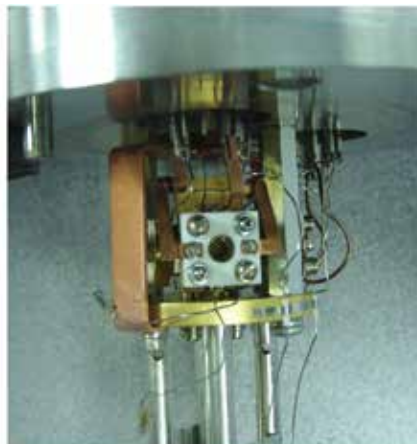


# Filament Change

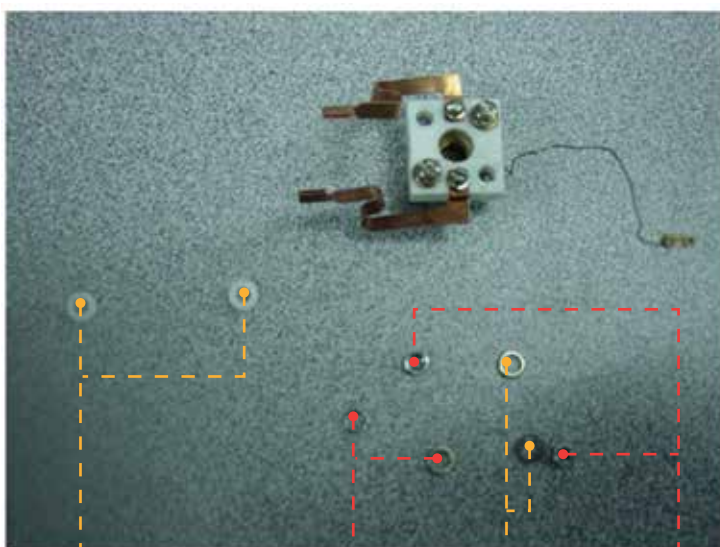


Step 1: Get clamp or just some thing to hold element in place while you work on it, Have your tools ready ... a pair of nonmagnetic pliers... a 1/8th nut driver

Never touch anything-- within the o-ring mark



Step 2: Pull off the filament leads from the pins with needle nose, but not all of them just the ones you need to, from pins 3, 6, and 9



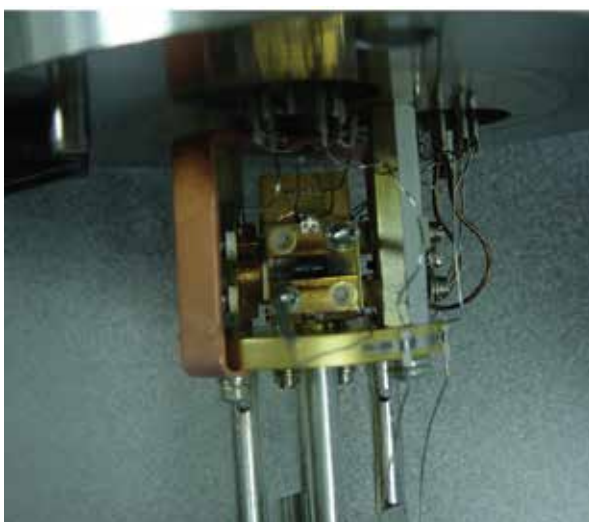
Step 3: Remove the two 1/8th nuts that holds the filament to the Ion Generator. Make sure all of the 2 washers, 2 lock washers, and the 2 nuts are counted for.

Insulator  
(shoulders on both sides)

Lock Washer

Washers

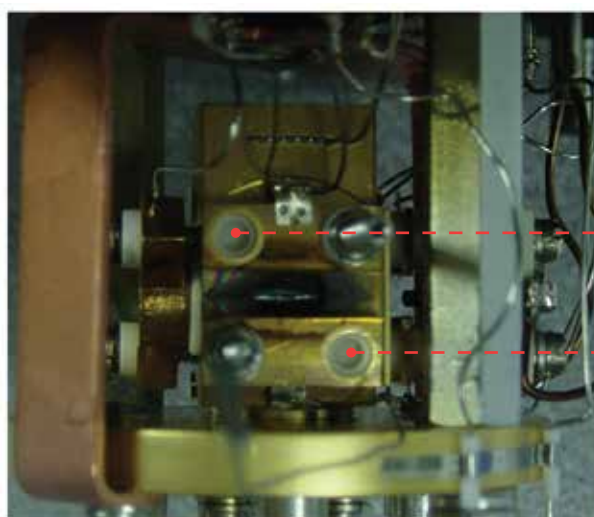
L'8 nut



Step 4: Make sure the two insulators are in place (the shoulders in it's notch).

Step 5: Slide Filaments on to its place atop the two Insulators shoulders. You should be able to feel when the Filament is in place.

Step 6: Put the 1/8th nuts and leads back on.



-- The Insulators shoulders slide right in here, the Filament has the same fittings for the Insulators shoulders