The FID ignitor (part# 8770-0150) is shipped with a protective plastic cap.

Carefully remove the cap and make a mark on the ceramic part with a magic marker. This mark lets you see if the ignitor is twisting as you tighten it in place.

It is easiest to remove the FID detector from the GC before replacing the ignitor. Remove the collector electrode and cap from the detector body.
The ignitor is secured in the FID body using a 1/4” soft graphite ferrule.

Position the blade of the ignitor close to but not touching the jet.

Notice that the blade of the ignitor tilts slightly backward. The tilt positions the tip of the blade just slightly behind and below the tip of the jet. As you tighten the graphite ferrule use the magic marker line to be SURE the ignitor does not twist as you are tightening the nut. If the blade twists against the FID jet the blade may snap.