

PRINCETON CAPACITIVE FUEL LEVEL PROBES

3133 MADISON AVE, WYOMING, MI 49548 (616) 243-8800 email support@princeton-electronics.com

Trimming the probe for the Onex

The probe must be shortened by 2" to be installed and removed from the Onex fuel tank while the fuel tank is installed in the aircraft.

Cutting to length

- ❑ Measure 2" down from the tip of the probe and make a mark with a felt tip marker. **Double-check your measurements. Cut probes cannot be exchanged or returned for credit.**
- ❑ Use a pipe cutter to cut the outer aluminum tube. **Do not hold the probe head while cutting. Hold the aluminum tube.** This will keep you from cutting too aggressively. The probe head is not designed to take a twisting force.
- ❑ Slide the separated part from the center brass rod. **Do not cut the brass rod at this time.** You may need to deburr both ends of the cut aluminum tube with a sharp x-acto knife. Do not forcefully remove the separated part. It should slide off easily when de-burred.
- ❑ There will be one or more exposed plastic spacers. Slide the closest one into the remaining aluminum tube about 1/8 of an inch.
- ❑ Use side cutters to cut the brass rod even with the end of the aluminum tube. Leave the brass rod just as it is after using the side cutters. This will keep the spacer from falling out. The brass rod must not be in contact with the aluminum tube.

