

Installation Drawing: CAREFULLY read everything before starting!

This is a combination view showing the external right side and inside "X-Ray" view of the Stick Grip fitting a 1" OD tube.

On the workbench, if possible, CAREFULLY disassemble the grip and reassemble the grip over your tube! DO NOT overtorque allen screws. A drop of blue Loctite 242 on screw threads for final assembly is a good idea.

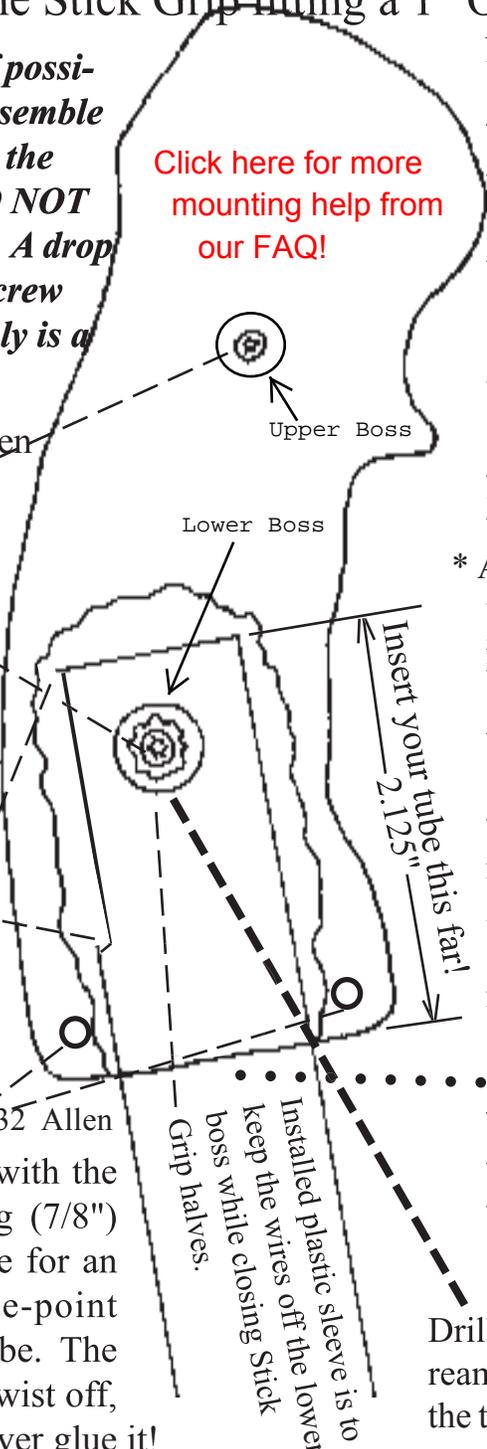
Short (3/4") SS 6-32 Allen Head Screw

The **ONLY** Long (7/8") SS 6-32 Allen Head Screw

Slot the back side of your tube beginning from the top (also the spacer, if you need one), .4" to .5" wide x 1.25" long perpendicular to the upper boss hole for your wires to more easily pass down

The 2 short (3/4") SS 6-32 Allen Head Screws, coupled with the lower boss and it's long (7/8") Allen Head Screw, make for an extremely strong three-point clamp on your stick tube. The Stick Grip can't pull or twist off, and there is no need to ever glue it!

NOTE: Drawing almost to Scale !



NOTES:

- * The simplest method for Canard builders to do is to change their stick tube diameter to a 1" OD tube vice stepping it down to a 5/8" OD, so the wires will fit down through the ID and around the tube pivot bolt.
- * If your tube is 1-1/8" OD (ex. -- Warbirds), a 1" OD x 3/4" ID x 5" long slotted spacer will fit the ID of your stick and give you wall thickness to tap into through stick tube.
- * All stainless steel allen head screws use a 7/64" allen wrench. Keep in tool kit with plane.
- * Spacers are 2.125" or 2.875" long with a 29/64" hole drilled 0.5" from one end, and the machined slot for the wires is 0.5" wide x 1.25" long machined from the end with the 29/64" hole 90° to the boss hole.
- * Specs state that the 4 brass inserts molded into this ABS are good for 385 lbs. of tension (pull) each.
- * Recommend potting blue cable bundle inside lower ID of tube area with silicone after final installation.
- * An appropriately AMP rated 16 pin cannon plug eases servicing. Drill a 29/64" hole (you may need to ream hole) through your tube 1/2" from the top at the proper clock code / twist to comfortably fit your hand and wrist. The lwr boss then fits snugly through it.

INFINITY Aerospace

P. O. Box 12275 El Cajon, CA 92022

PH: (619) 448-5103 ; FAX: (619) 448-5176

Home Page: <http://www.InfinityAerospace.com>