

Great Planes Glider Tow Release Installation Instructions



Requires:

Standard Servo (FUTM0029)
Threadlocker (GPMR6060)

CA Glue (GPMR6001)
Z-Bend Pliers (HCAR2000)

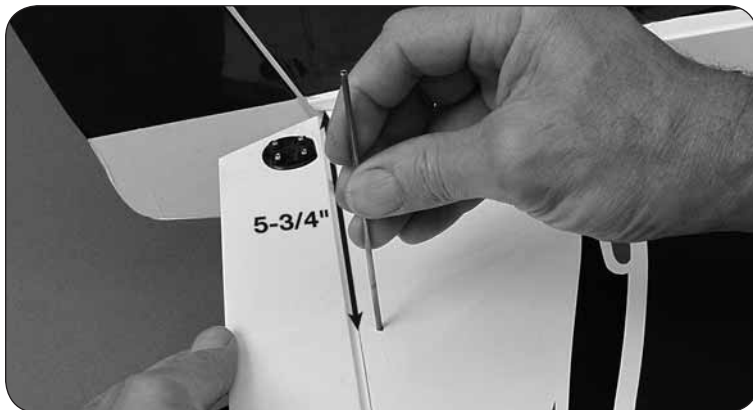
3/32" [2.4mm] Drill Bit
Coarse Sandpaper



1. Cut the covering from the hole in the top of the fuselage for the release mechanism. Apply threadlocker to the threads, install and mount the mechanism with the washer and nut on the inside of the fuselage.



2. Mount the servo for the hook release. Make a Z-bend on one end of the pushrod and connect it to the servo arm. Then, cut the rod to the correct length. It should be long enough to release the tow line but not come out of the mechanism.



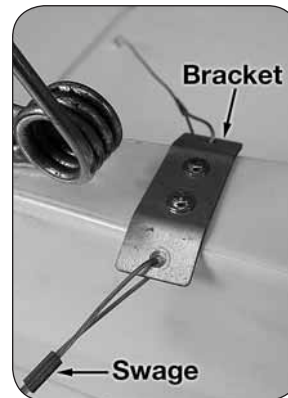
3. Use a 3/32" brass tube sharpened on the end or a 3/32" [2.4mm] drill to cut holes centered in the trailing edge of the horizontal stabilizer 5-3/4" [145mm] from the fuselage.

4. Cut another hole through the trailing edge of the vertical stabilizer 5/8" [16mm] from the tip.

5. Roughen the included plastic tube with coarse sandpaper so glue will adhere. Cut three pieces of tubing 5/8" [16mm] in length.



6. Install the tubes. Then, use thin CA to glue them into place.



7. Fasten the bracket to the bottom of the fuselage with the included screws. Guide the cable through the plastic bushings in the tail surfaces and connect both ends of the cable to the bracket by looping it through and securing with a swage clamped to the cable by squeezing with pliers.