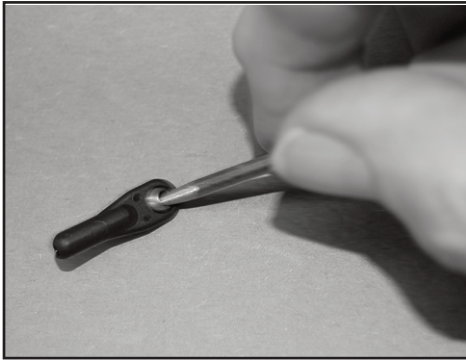
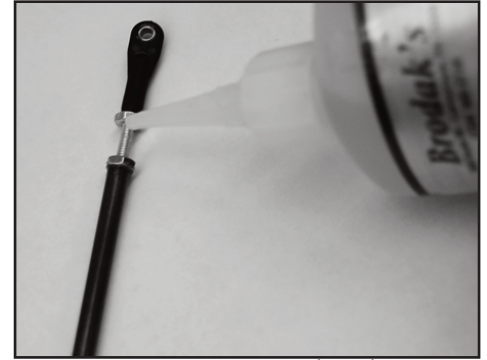
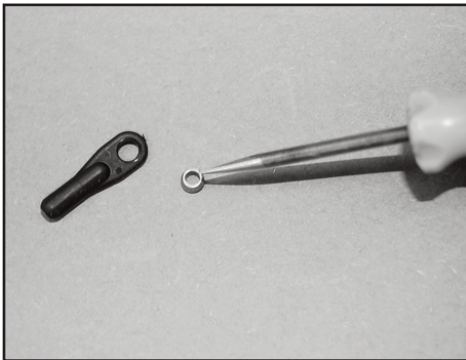


# ASSEMBLING A FIBERGLASS PUSHROD

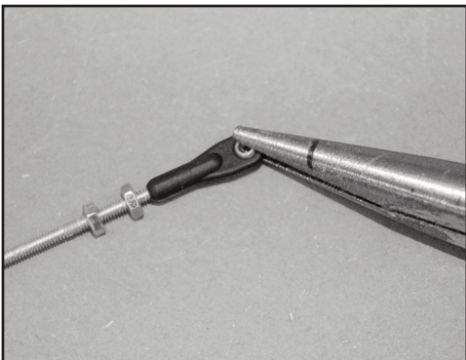
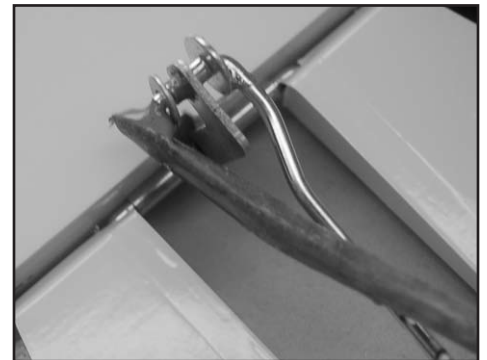
Fiberglass pushrods are stronger and less likely to bend or torque than a regular metal pushrod.



**STEP 1** - Use a small punch to carefully pop out the brass insert from the swivel ball link. Put the 4-40 mounting bolt in a vise and carefully thread the swivel ball link onto the bolt, using your small punch for leverage in the threading process. Once the link is threaded completely onto the bolt, snap the brass insert back into place using needle-nose pliers.



**STEP 2** - Apply JB Weld to the other end of the 4-40 mounting bolt. Slide the bolt into the end of the fiberglass pushrod up to the nut on the mounting bolt. Wipe off any excess epoxy with a Q-Tip. Thread the other mounting nut up until it is flush against the swivel ball link. Secure the nut in place with a drop of CA-Thin glue.



**STEP 3** - On the metal pushrod, grind a series of small, shallow notches along the length of the pushrod. The notches will help give the JB Weld more purchase. Slide the end of the pushrod with the bend in it into the control horn and secure it with a washer glued into place with JB Weld.

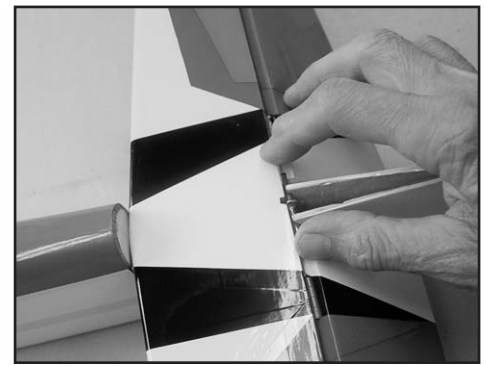
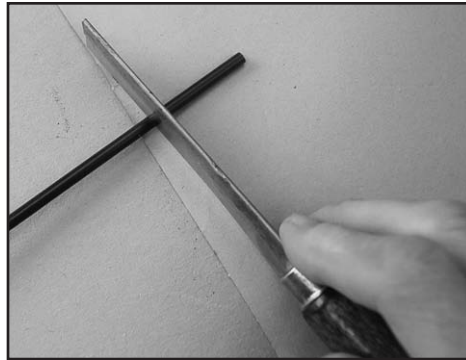
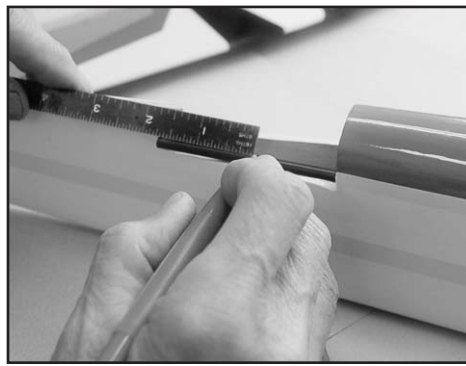
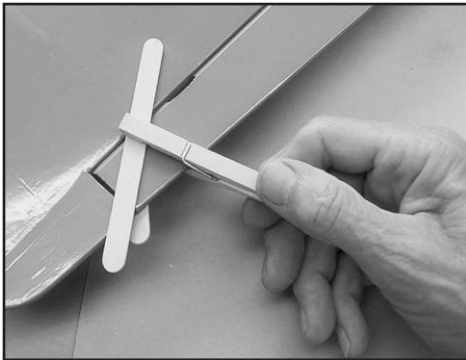
## Legacy 40

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**STEP 4** - Attach the ball link to the bottom hole of the control horn for the flaps.



**STEP 5** - Put the flaps in the neutral position and clamp them in place, using scrap wood to protect your finish. Slide the metal pushrod into the fiberglass pushrod to determine how much of the fiberglass pushrod needs to be cut off. In our case, it was about 1 3/4". Remove the fiberglass pushrod and cut off the excess length. Apply JB Weld to the metal pushrod. Slide the metal pushrod into the fiberglass pushrod. Set the elevator in the neutral position and clamp it, using scrap wood to protect your finish. Let the entire assembly set overnight to dry.

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