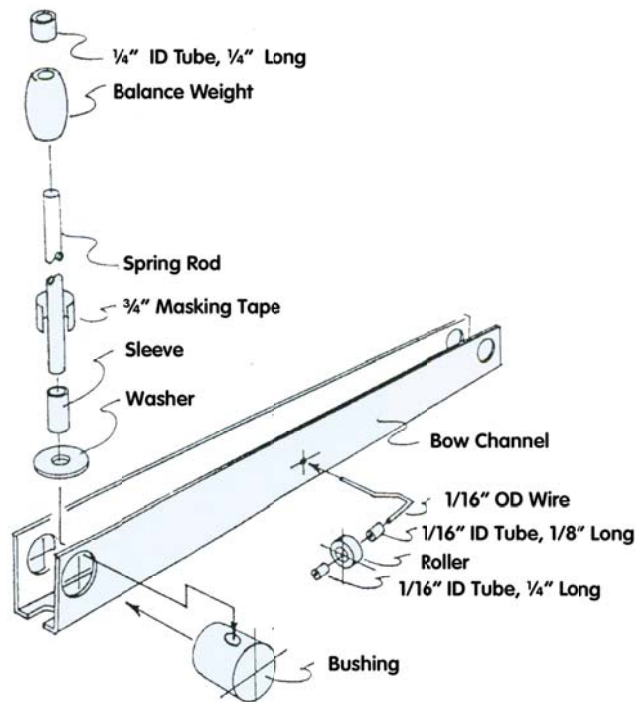


Fold Bow Assembly Instructions

28" Bow, 40" Bow, 52" Bow

1. Assemble the Bow

Slide one bushing into the large hole at the end of the bow channel. Slide one washer onto the end of a spring rod. With this washer serving as a locator, force the washer into the bow channel directly above and centered with the hole in the bushing. Make sure that the spring rod is vertical and is precisely aligned with the hole in the bushing. Lightly tap the spring rod bottoms out in the bushing hole. It's recommended to do this on a sturdy work bench or on the floor. You can hear the difference in the tapping sound when you bottom out.



Cut a piece of $\frac{3}{4}$ " wide masking tape $\frac{3}{4}$ " long. Make sure that the washer is down flush against the bushing. Wrap the tape around the spring rod immediately above the washers. Slide the sleeve over the spring rod and down over the masking tape. You should have a snug fit-if not, cut a piece of masking tape a little longer and repeat the above step. Glue the sleeve to the masking tape with a drop or two of CA instant glue.

Slide a balance weight onto the spring rod and capture it with a $\frac{1}{4}$ " length of the $\frac{1}{4}$ " IS tubing (half tubing supplied). Locate the ID tubing $\frac{5}{16}$ " from the end of the spring rod.

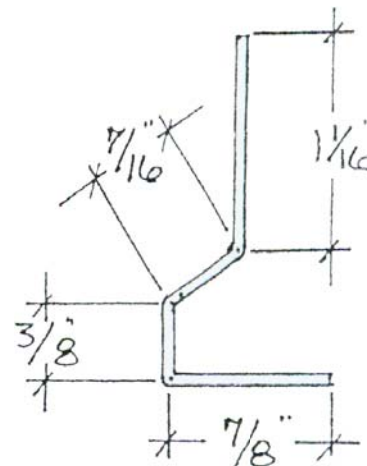
Repeat the above steps for the opposite side of the bow channel.

2. Bend Wire using Pattern

Bend the $\frac{1}{16}$ " OD Wire according to the pattern.

Cut two lengths of $\frac{1}{16}$ " ID tubing; one at $\frac{1}{8}$ " long and one at $\frac{1}{4}$ " long.

Assemble with wheel, as shown in above sketch. Push the wire into the hole drilled in the underside of the bow channel (twisting as you push) until it bottoms out against the opposite surface of the bow channel.



Hot wire cut guide.

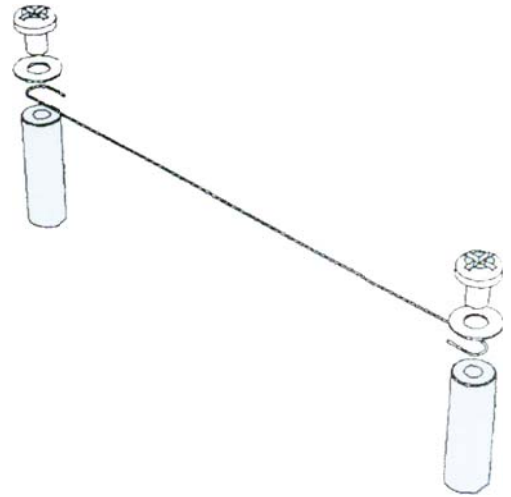
Bow Size	Cut Length
28" Bow	28 3/4"
40" Bow	40 3/4"
52" Bow	52 3/4"

Note: Please wipe the hot wire down with oil after use. This is a high carbon wire and will want to rust in a high humidity environment.

Tip: Be sure to "un-string" your bow if you are going to store it for a long period of time. That is what it was designed for and it puts less prolonged stress on the Delrin bushings.

3. Assemble hot wire to red heads

Assemble screw and washer to red head. Do not tighten screw.



Cut hot wire to desired length. Bend a loop in both ends of the hot wire with need nose pliers. Loop the hot wire around the screw with the tail trailing in a clock-wise direction. Hold the red head with a pair of pliers and tighten the screw with the Phillips screw driver.

4. Assemble red head to bow

Slide one red head over the end of a spring rod. Position bow assembly vertically. Flex the upper spring rod down and slide the remaining red head onto this upper spring rod.

Adjust the 1/4" ID tube so that it is flush up against the flange of the red heads.

IMPORTANT: Glue red heads to the spring rod with CA glue if the bow is used only with the Feather/Cut. **DO NOT** glue if bow is used with Multi/Cut.

