



Custom Works RC Products LLC

760-B Crosspoint Drive

Denver, NC

(704) 489-8147

WWW.CUSTOMWORKSRC.COM

#9021 ENFORCER WING

Includes ALL Hardware for Assembly



Step #1: Trim the Wing, Side Dams, Braces, and Mounting Brackets on the trim lines molded in each part. You may use scissors or score the lexan with a hobby knife and break off the excess material.

NOTE: DO NOT BEND THE WING UNTIL THE INSTRUCTIONS TELL YOU TO.

Step #2: Drill the molded dimples in the Wing and Side Dams. The RED holes in Figures #1 and #2 denote the location for 4-40 size screws, using a 7/64" Drill bit will work best here. The BLACK holes in Figures #1 and #2 denote the location for smaller 2-56 size screws, use a 5/64" drill bit for these. If you prefer using a hobby knife it will work fine by spinning it in the center of each dimple. Careful not to make the hole too over-sized.

Step #3: Paint your Wing and Side Dams as you wish on the sides facing up in both Figures #1 and #2. Note in Figure #2 that the bigger Side Dam the bends are facing UP and on the smaller Side Dam the bends are facing DOWN.

Step #4: Using the double-sided tape, attach the long metal Nut Plates from the hardware bag to the inside edge of the wing so the holes in the plate align directly over the RED holes in Figure #1. Then add a strip of double-sided tape along the entire width of the wing as noted in Figure #1.

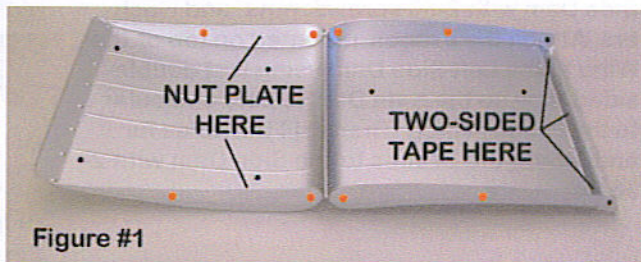


Figure #1

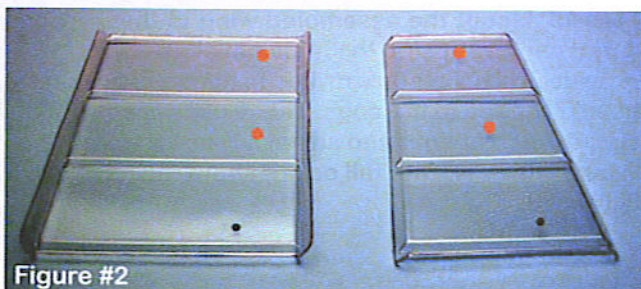


Figure #2

Step #5: Drill the molded dimples in the Mounting Brackets and Braces. The RED holes in Figure #3 denote the location for where the wing attaches to the cage. Use a 5/32" Drill bit to create the hole and use the bit to enlarge the hole slightly so it will just fit over the screw-heads on the cage. The BLACK holes in Figure #3 denote the location for smaller 2-56 size screws, use a 5/64" drill bit for these.

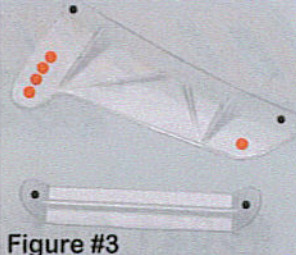


Figure #3

Step #6: Attach the Wing Mounting Brackets to the Wing as shown in Figure #4 using double-sided tape on the entire area where the Bracket mounts to the Wing. Secure the Bracket to the Wing with the 2-56 Screws and Nuts with Washers on both sides of the wing deck. In the same fashion, mount the (2) Braces to the Wing using the double-sided tape and 2-56 Hardware.

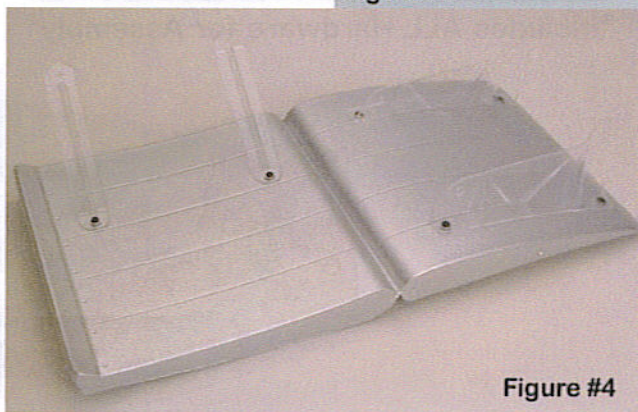


Figure #4

NOTE: It is best to put a small drop of Loctite on the Nuts inside the Wing to make sure they do not come loose.

Step #7: Fold the wing to make sure the holes align on the sides and that the wing folds within itself. Do any extra trimming now before you peel the double-sided tape to stick the two halves together. **AVOID EXCESSIVE OPENING AND CLOSING AS IT WILL BREAK THE LEXAN ALONG THE LEADING EDGE.** When you are satisfied with the fit, use the double-sided tape to secure the rear lip of the wing together.

NOTE: If you hold the lip in a curved position, that is how it will stay when taped together. Make sure it sticks FLAT.

Step #8: Using the 4-40 size screws and washers mount the "front" and "middle" holes in both of the Side Dams to the Wing as shown in Figure #5. Attach the rear most hole in the Side Dam with 2-56 screws, nuts, and washers. Attach the Braces mounted on top of the Wing to the Left Side Dam using just double-sided tape so the Side Dam is perpendicular to the wing surface. Then drill the holes for and attach the Braces to the Side Dam with 2-56 Hardware.



Figure #5

Step #9: Mount the assembled wing to the sprint car cage using the hitch pin clips provided thru the holes drilled in the screw-head threaded in the cage. These clips are supposed to fit tight and sit flat against the lexan so they will not fall out as shown in Figure #6.



Figure #6