

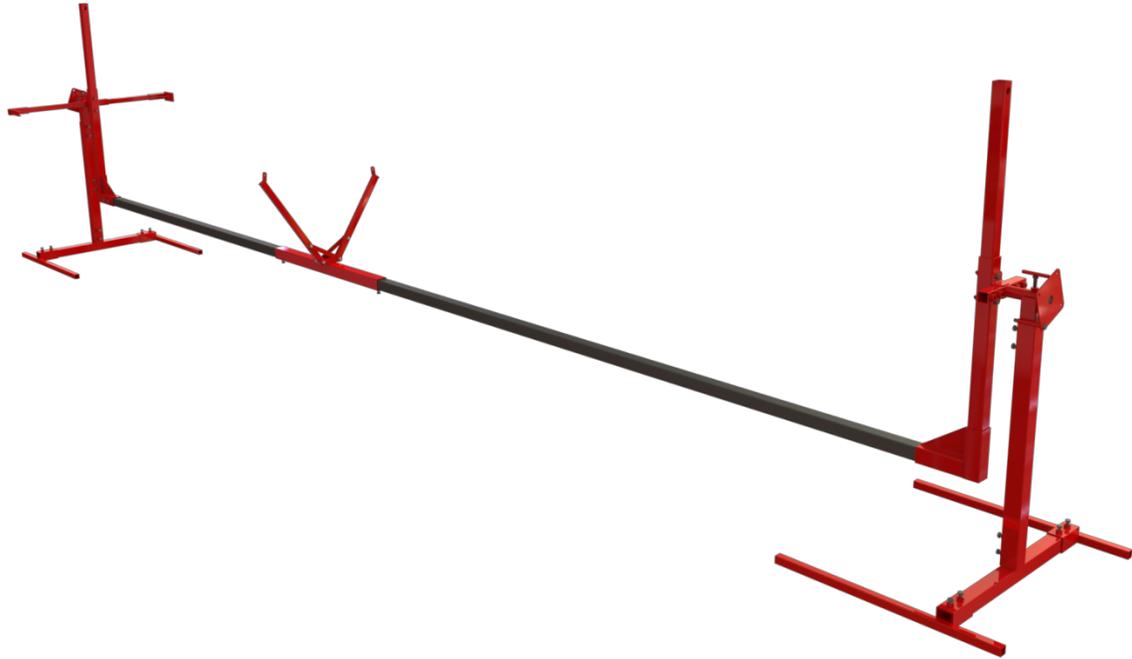


**AVIATION INC.**

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# Carbon Cub Wing Attachment

**P/N 14M-CCUB**





**Notice: Customer must supply 17ft 1 3/4" x .083"+ steel square tubing**

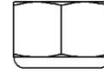


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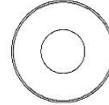


**36x** 3/8 NC 1" Long Bolt (Z)

**4x** 3/8"-16 Nyloc Nuts (W)



**38x** 5/16" Washer (X)



**4x** 5/16"-18 Nyloc Nuts (V)



**2x** 3" L 5/16"-18 Bolt (Y)



**2x** 2 1/2" L 5/16"-18 Bolt (U)



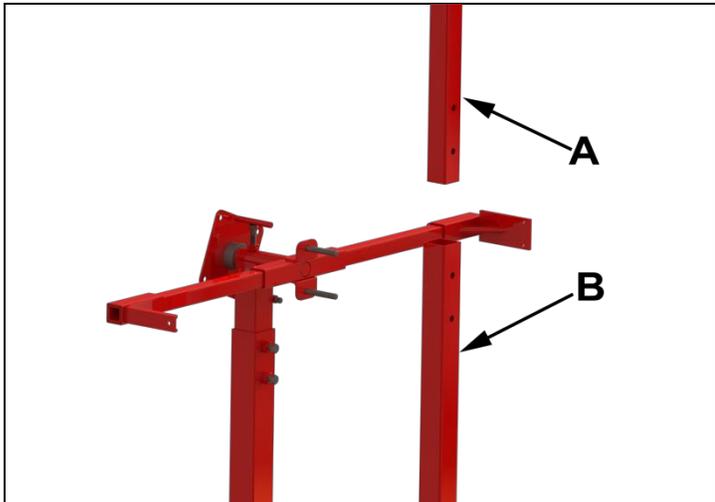
**4x** 2 1/2" L 3/8"-16 Bolt (T)

**2x** 3 1/2" L 3/4"-10 Bolt (S)

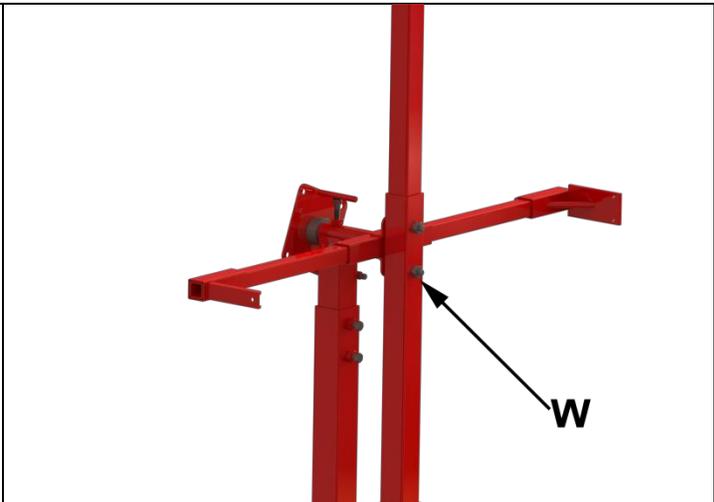
**2x** 3/4"-10 Plain Nut (R)

Assemble both of your 14M-WR Wing Rotators before using these instructions.

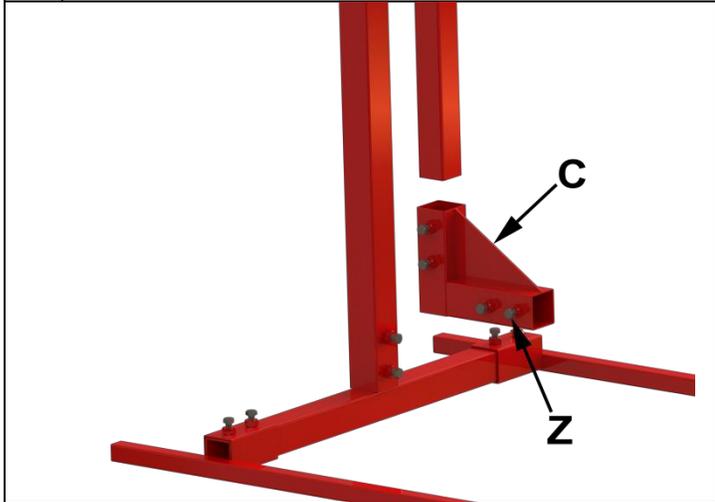
The 14M-CCUB Carbon Cub is meant to be used with 2 fully assembled Bogert Aviation Wing Rotators.



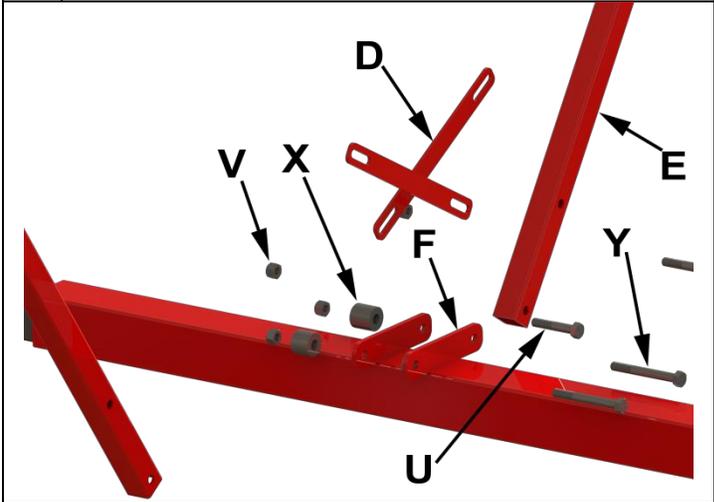
1 Slide (B) over (A) and line up the holes.



2 Attach (B) to (A) using (W). Do the same on the other side.



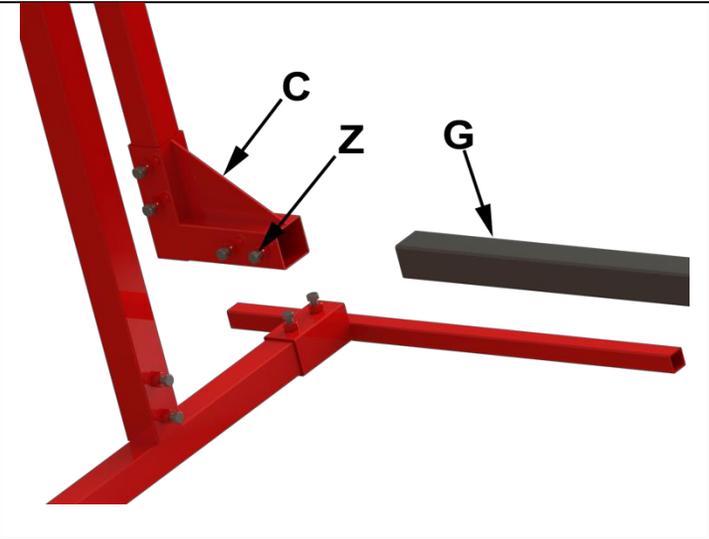
3 Slide (C) over (B). Lock (C) onto (A) using (Z), then do the same with the other side.



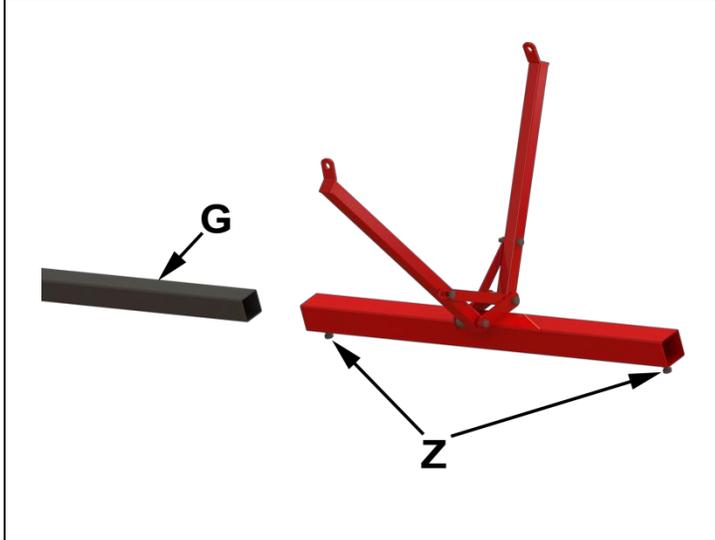
4 Attach (D) and (E) to (F) using (Y), (U), (X) and (V). Many washers (X) are provided as alignment must be tweaked for your application.



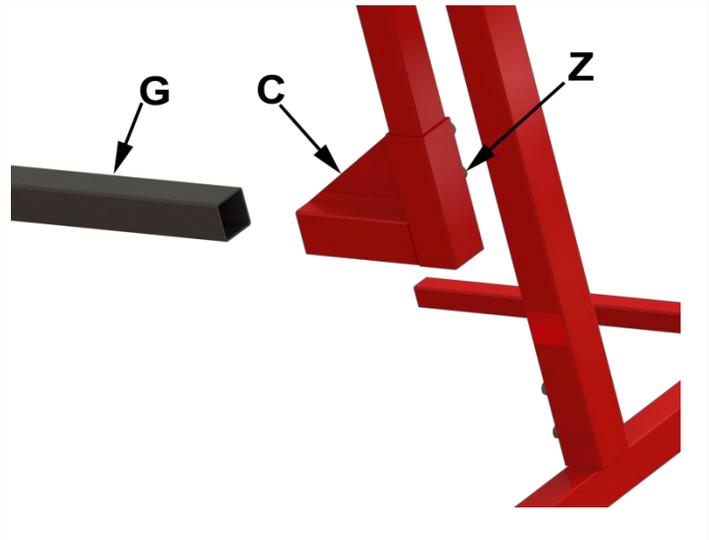
5 When you are done assembling it should look something like this. Hand tighten only. You will need to adjust this assembly to properly match up with your wing before you tighten the hardware.



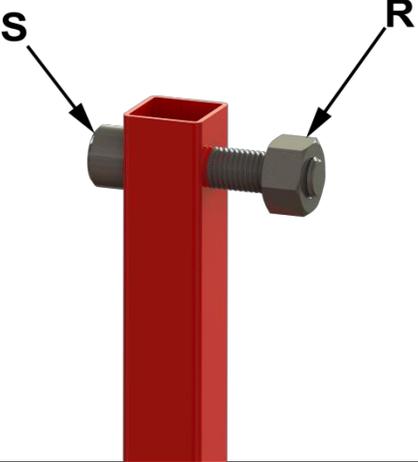
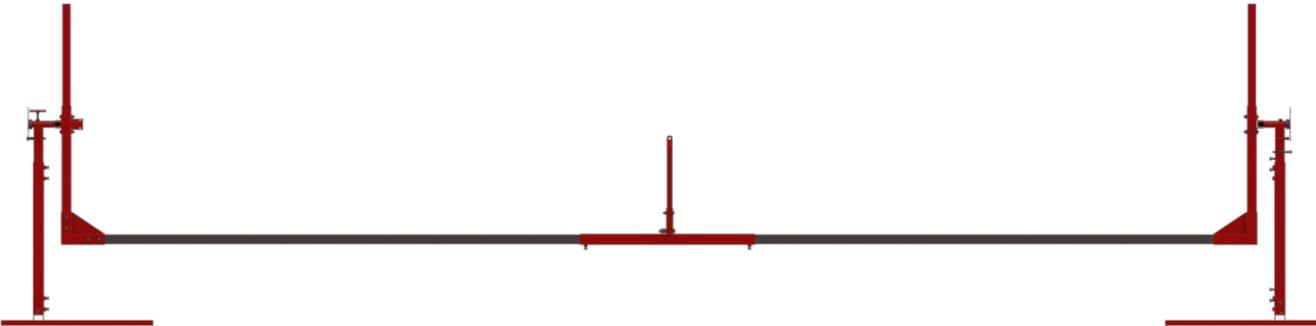
6 Warning: For the next 3 steps you may need help from another person. Slide (G) into (C). Lock into place using (Z).



7 Slide assembly over (G), insert (Z) but do not tighten as you will need to adjust placement when attaching to strut attach point.



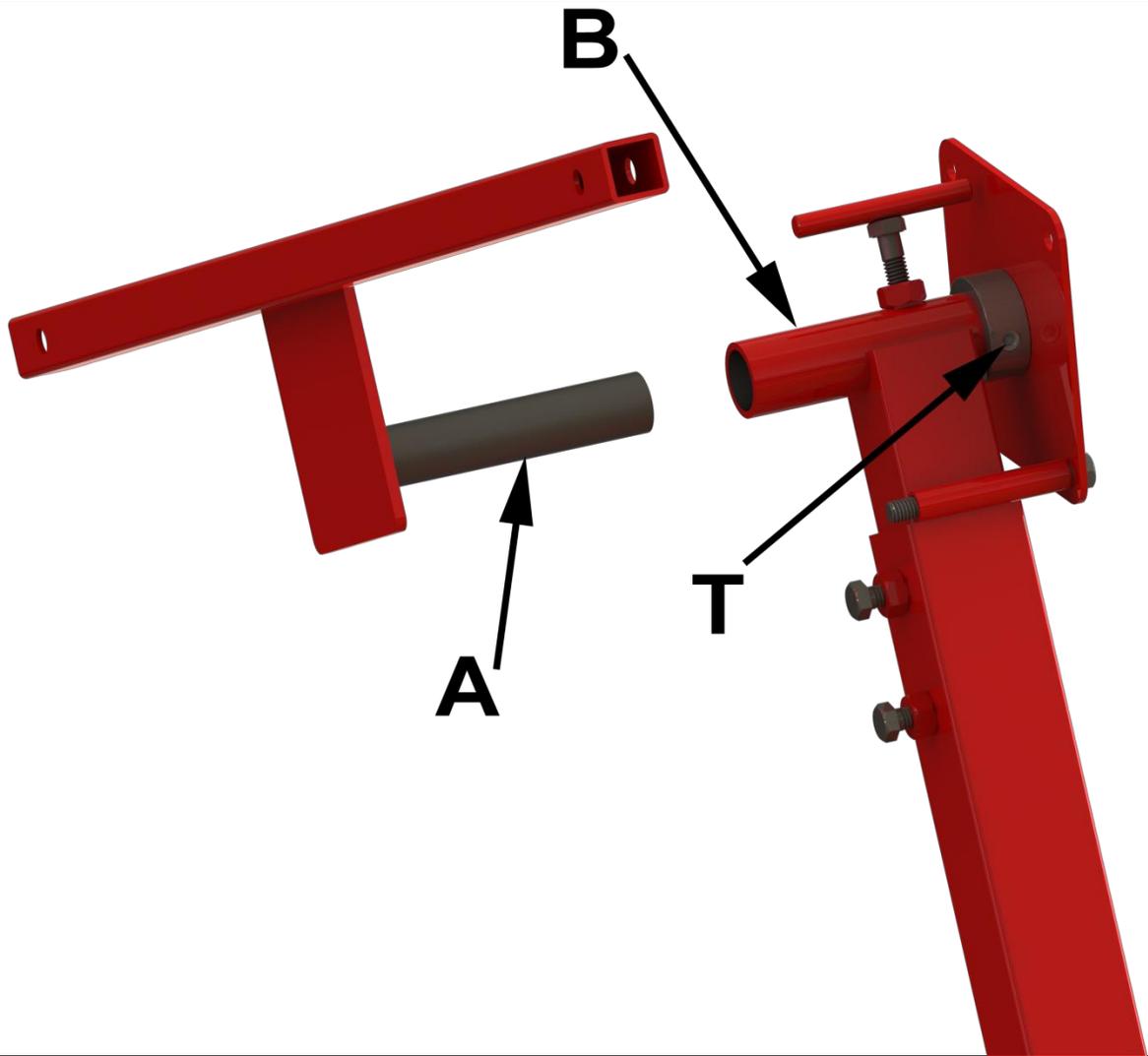
8 Attach (G) to (C) using (Z).

	
<p>9 On each side a ¾" bolt and nut can be attached with a counterweight. Add and remove weights to find what keeps the rotator level.</p>	<p>10 At the end of each arm is an attach point for wing spars. Notice how one has 2 sets of holes to accommodate the offset connection point.</p>
	
<p>11</p>	<p>The 2 Wing Rotators must be at the same height to ensure they will rotate properly.</p>

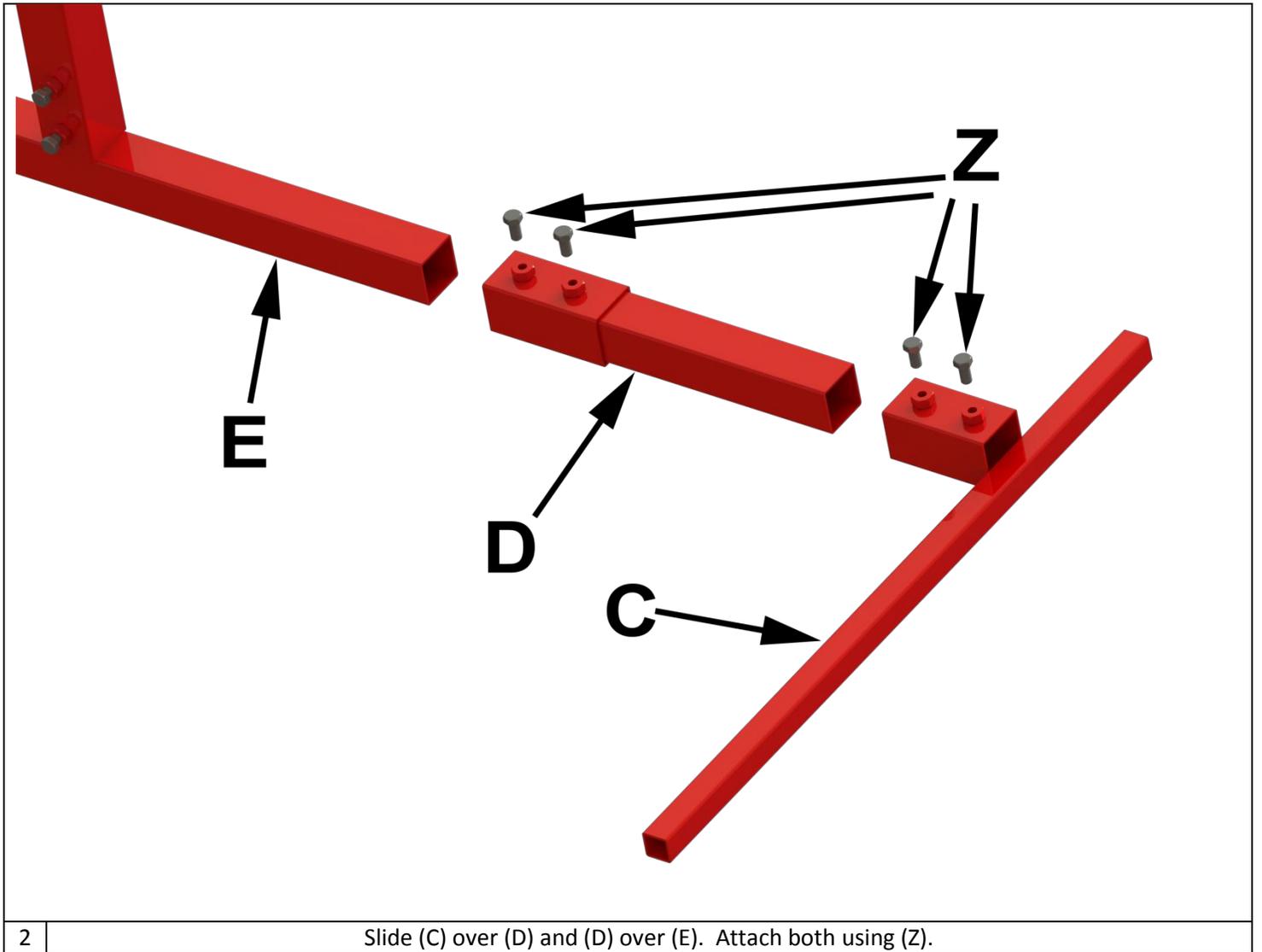
# Carbon Cub Fuselage Attachment



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1 | Slide (A) into (B) and attach using (T) set screw on lock collar.

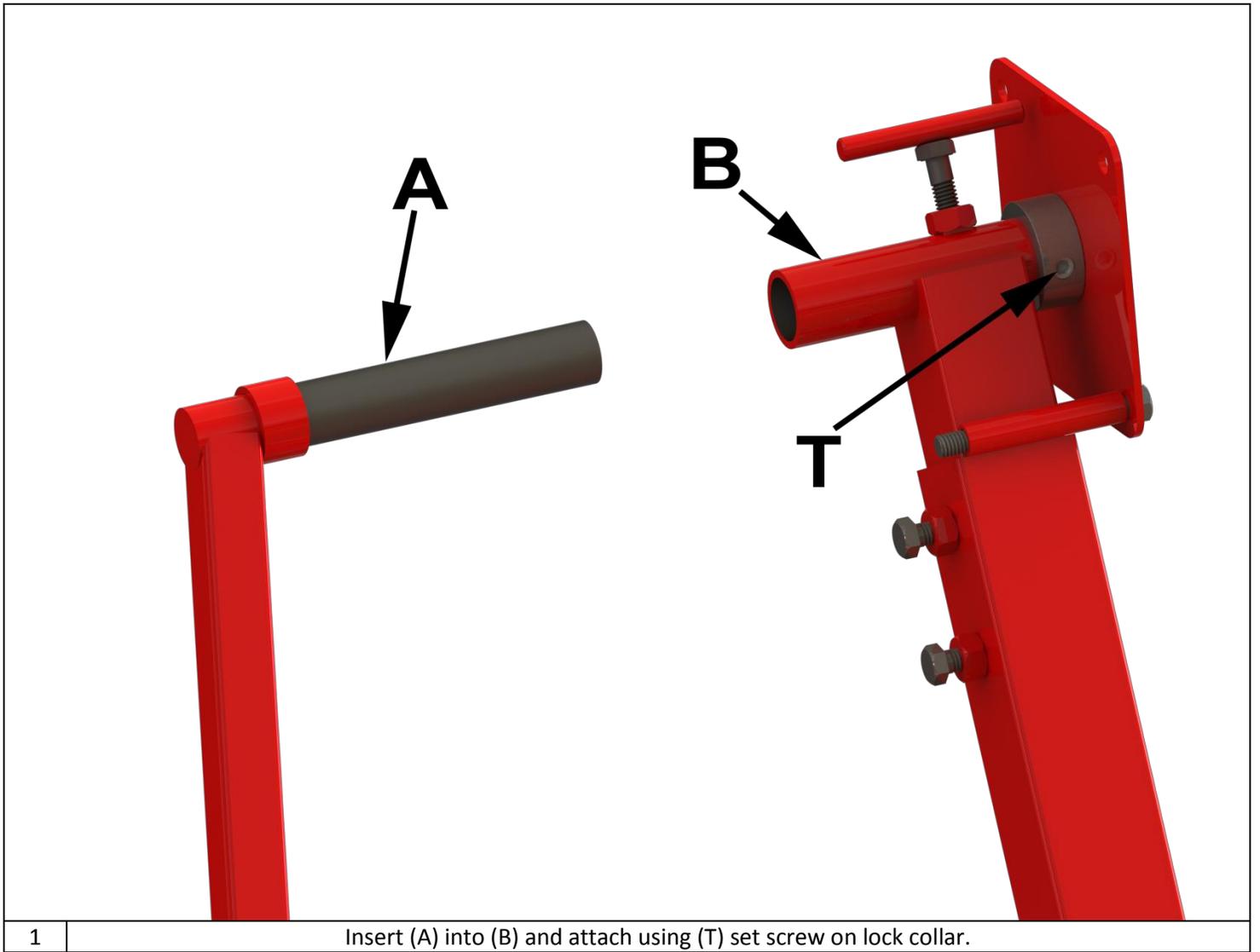


2 | Slide (C) over (D) and (D) over (E). Attach both using (Z).

# Carbon Cub Tail Attachment



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1

Insert (A) into (B) and attach using (T) set screw on lock collar.

# Online Instructional Video

