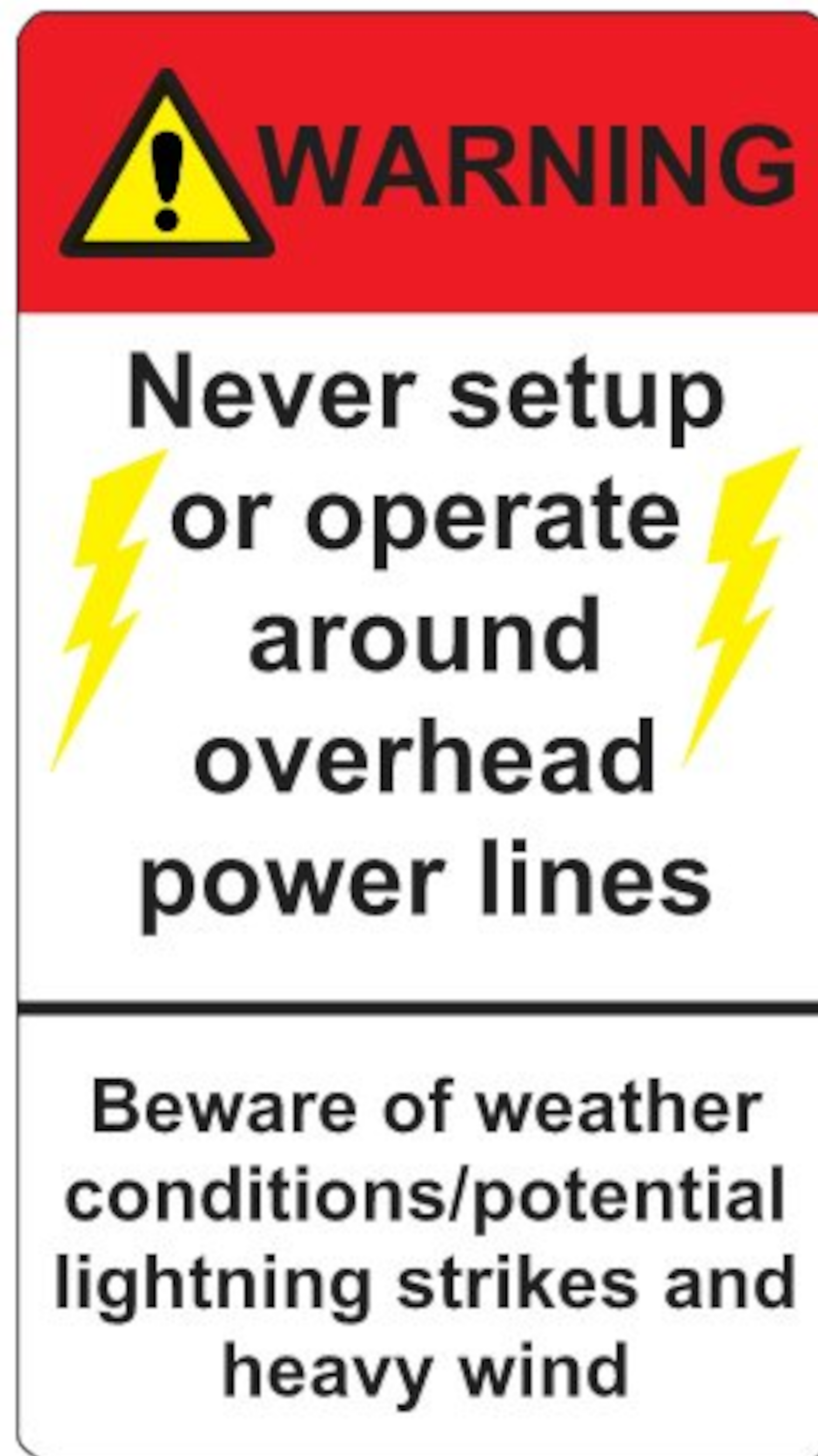


# **AR/HD RIG**

## **Instruction Manual**





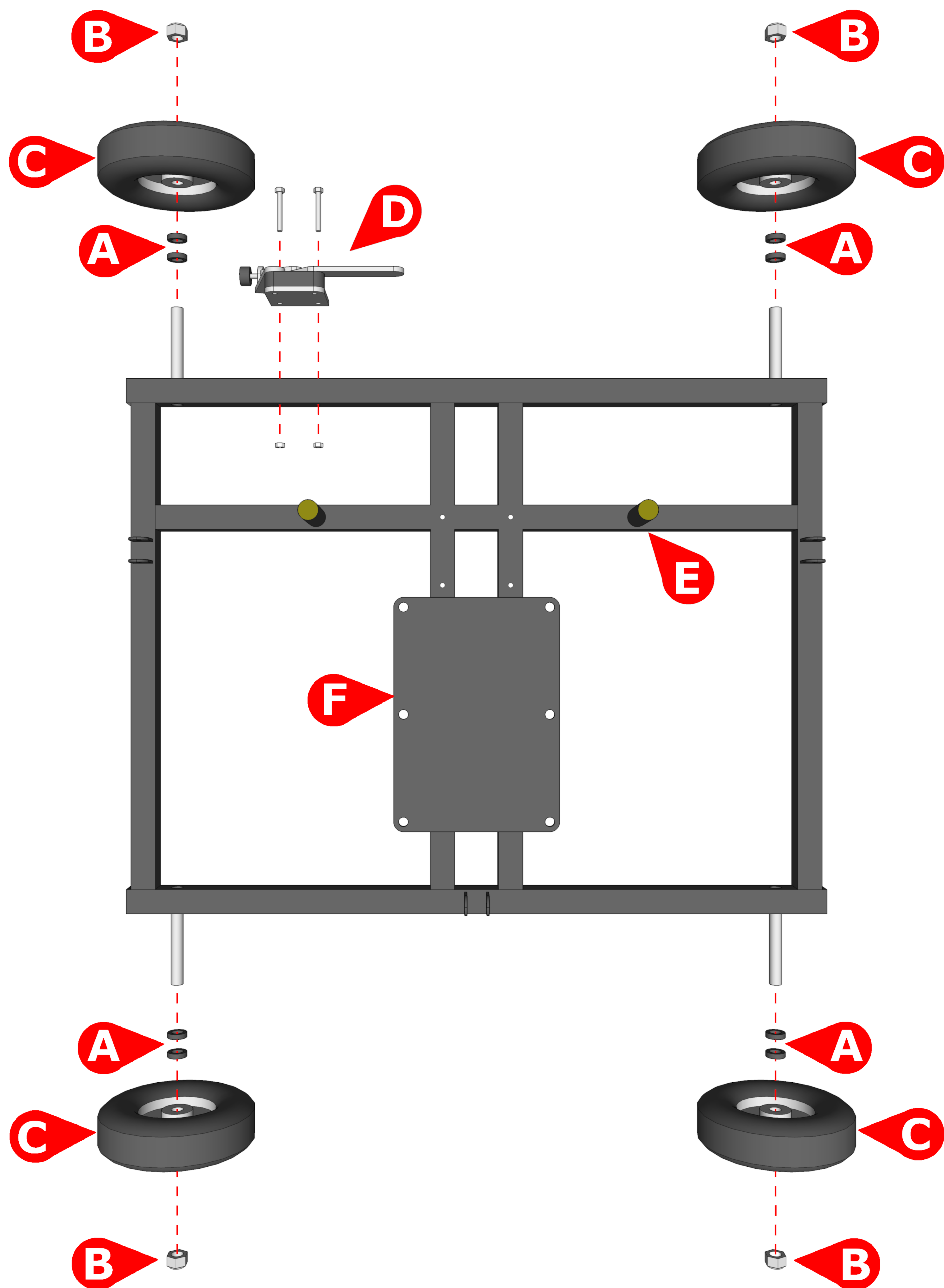


**KEEP  
FINGERS  
CLEAR OF  
PINCH POINT**





# Step #1 Assemble Cart



**A** 1/4" x 1" HDPE  
wheel Spacer qty8

**B** 5/8"-11 Lock Nut  
qty4

**C** 8" x 2 1/2" Solid  
Rubber Wheel qty4

**D** Brake

**E** Weight Pegs Requires  
35Lbs per Peg  
(Weights Not Included)

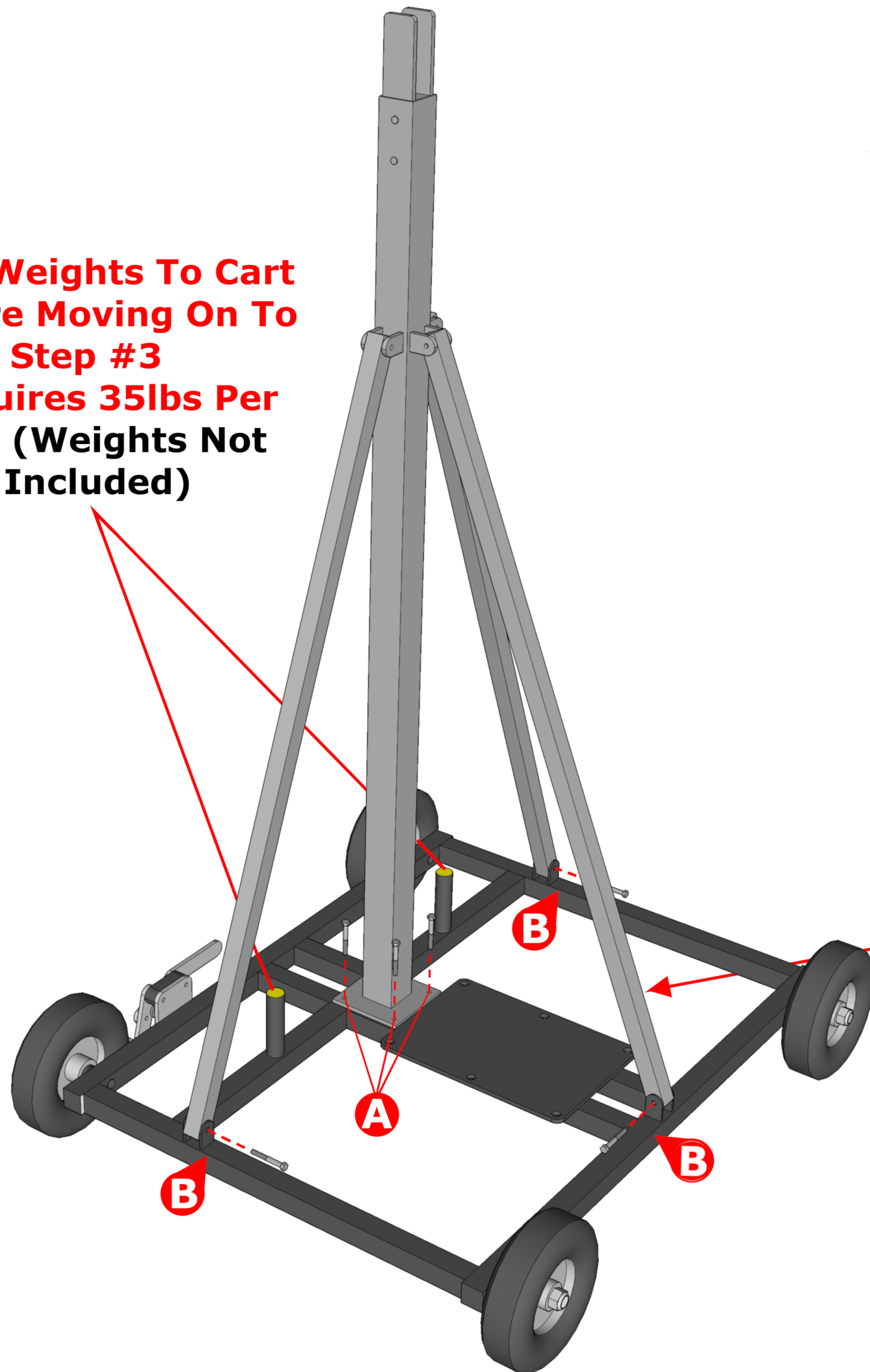
**F** Battery Tray  
(Battery Not Included)





# Step #2 Mount Mast Base To Cart

**Add Weights To Cart  
Before Moving On To  
Step #3  
Requires 35lbs Per  
Peg (Weights Not  
Included)**



**A**

**Bolt Mast Base To Cart Using  
1/4-20 x 2" Bolts, Washers, And  
Lock Nuts**

**B**

**Bolt Mast Support Legs To Tabs On  
Outside Of Cart Using 1/4-20 x 2"  
Bolts And Wing Nuts**

**(Manual Rigs Only)**

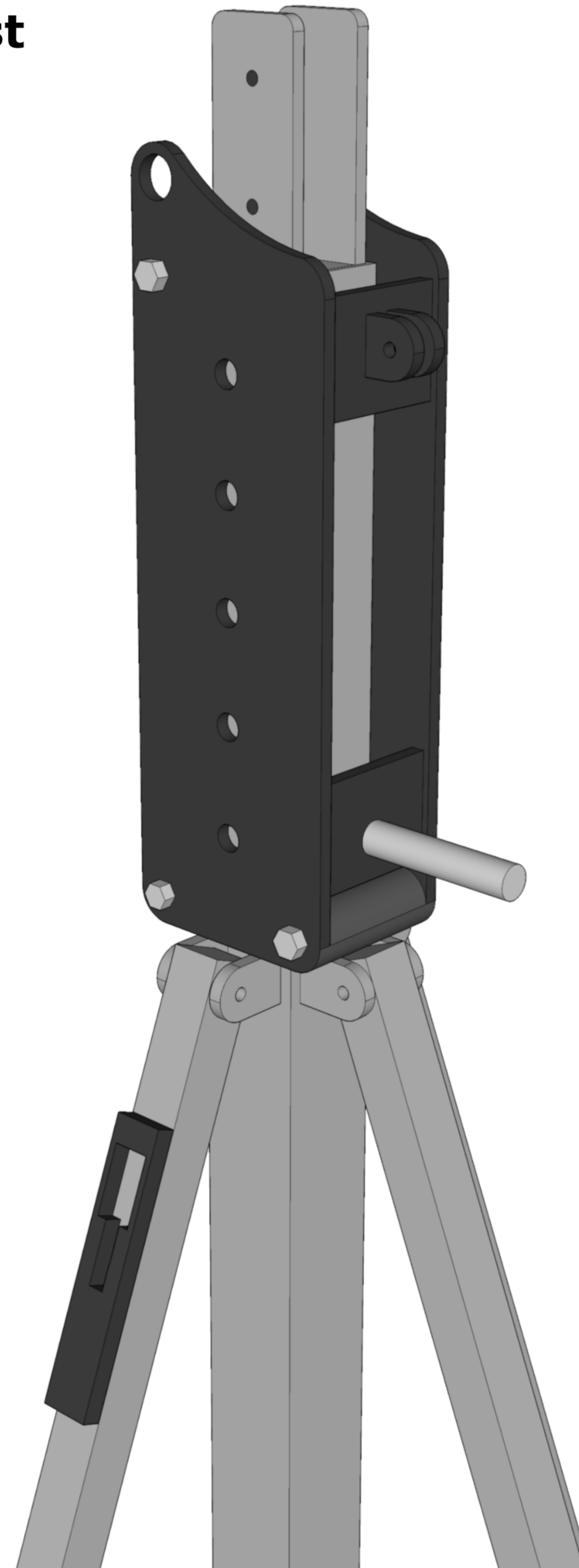
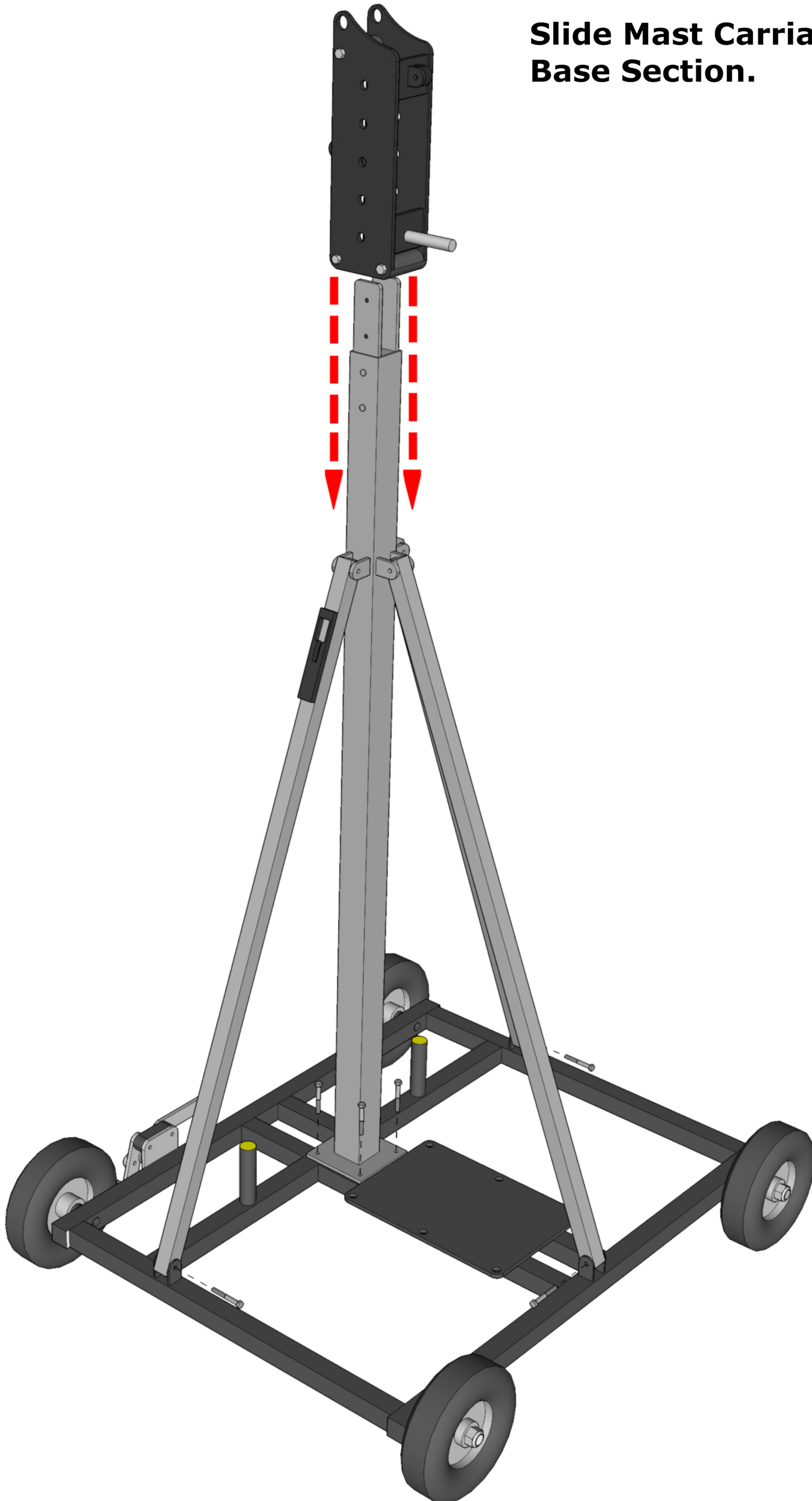
**For Manual Operated  
Rigs Slide Pulley Over  
Front Support Leg**





# Step #3 Install Mast Carriage

**Slide Mast Carriage Over Mast Base Section.**

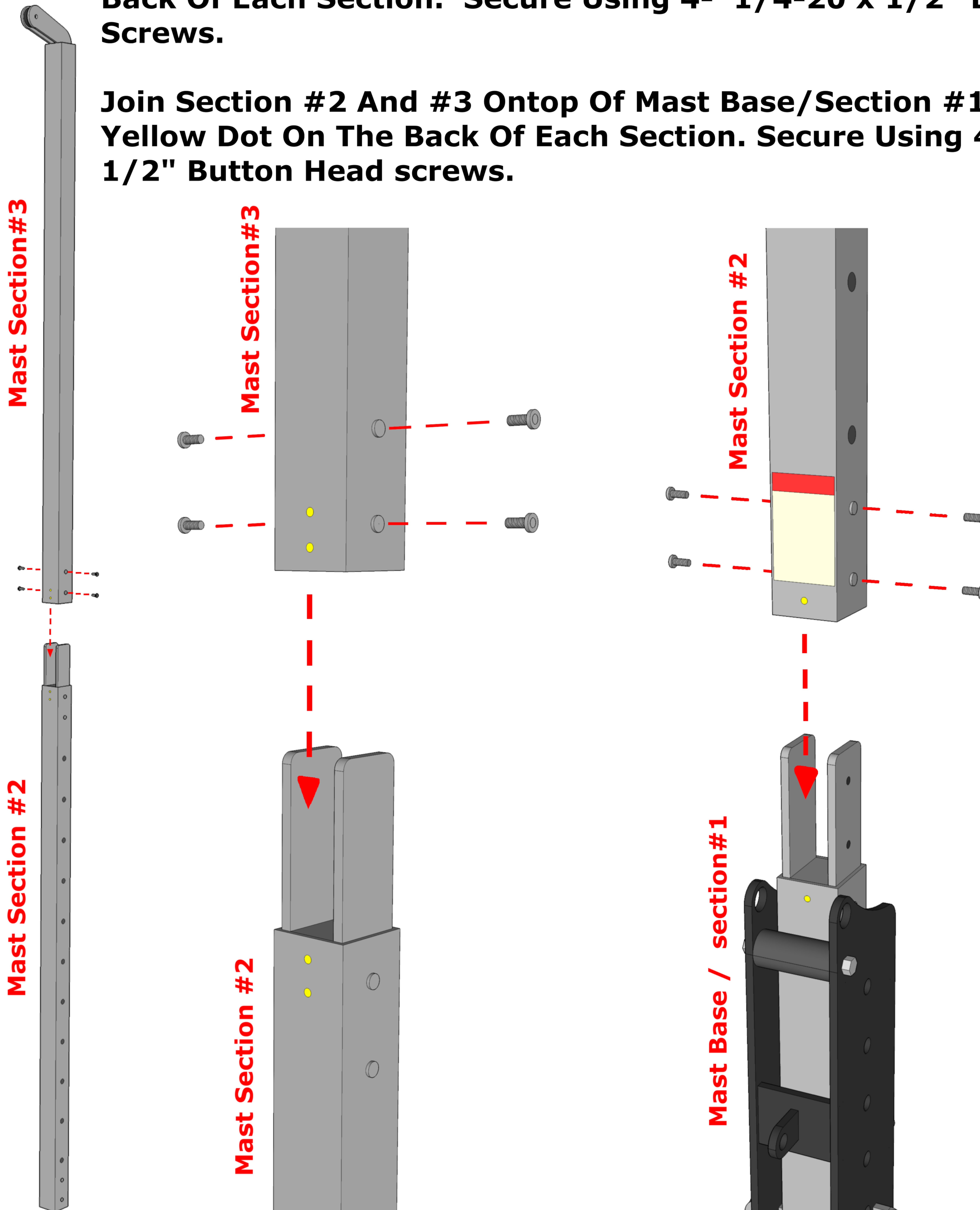




# Step #4 Connect Mast Sections

Connect Section #2 And #3 Together Aligning The 2 Yellow Dots On The Back Of Each Section. Secure Using 4- 1/4-20 x 1/2" Button Head Screws.

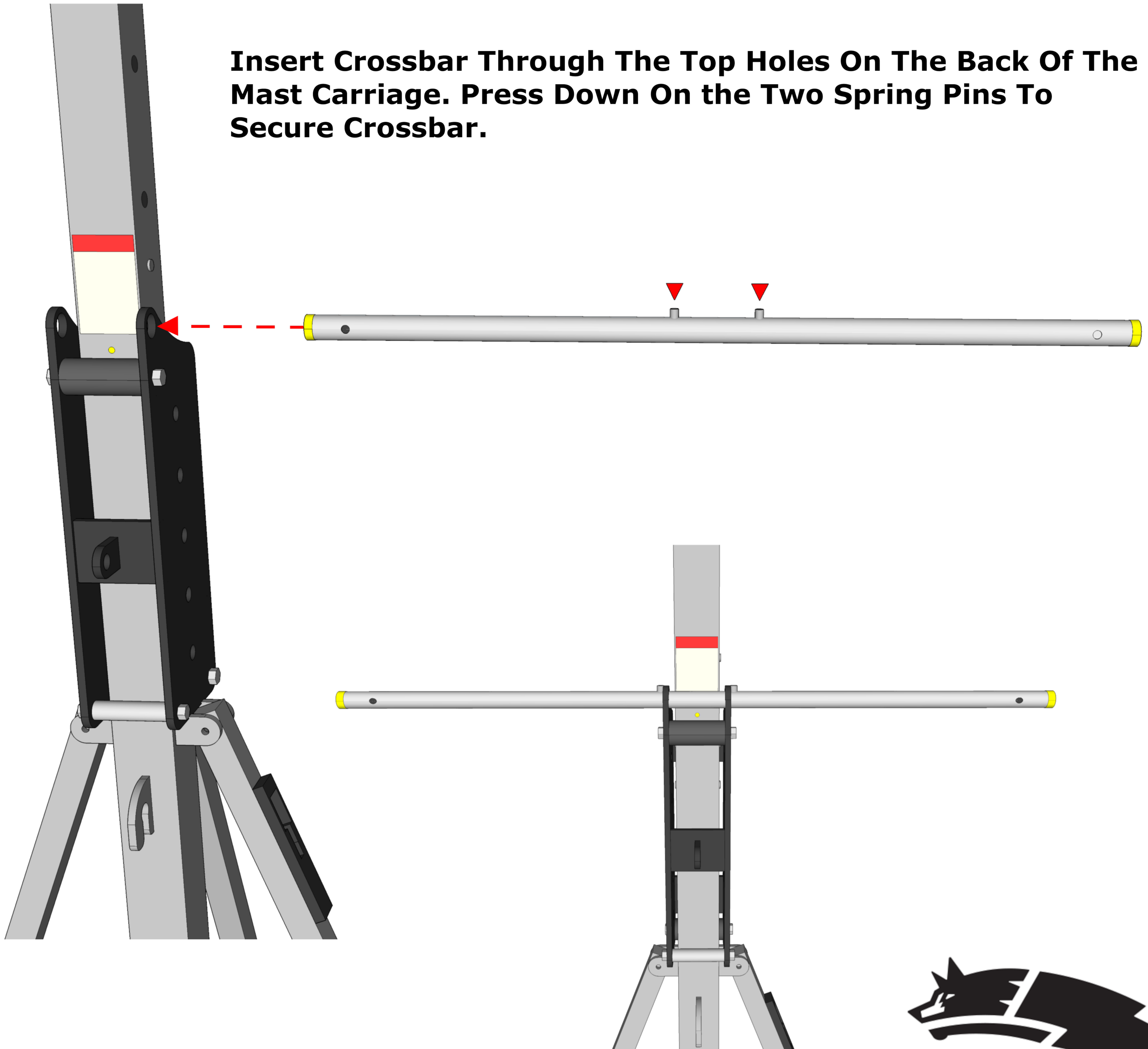
Join Section #2 And #3 Ontop Of Mast Base/Section #1 Aligning The Yellow Dot On The Back Of Each Section. Secure Using 4- 1/4-20 x 1/2" Button Head screws.





# Step #5 Insert Mast Carriage Crossbar

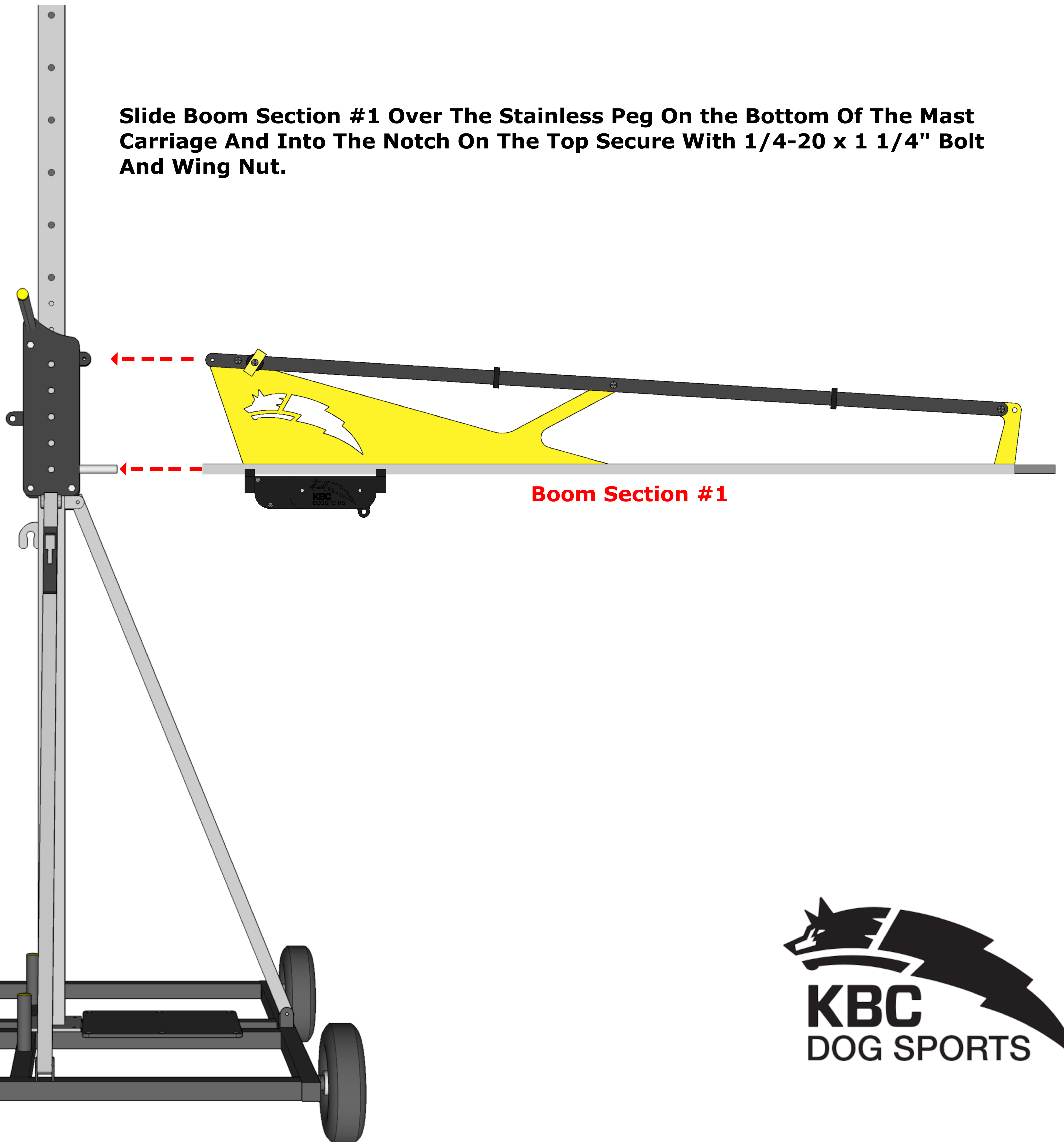
**Insert Crossbar Through The Top Holes On The Back Of The Mast Carriage. Press Down On the Two Spring Pins To Secure Crossbar.**





# Step #6 Attach Boom Section #1

**Slide Boom Section #1 Over The Stainless Peg On the Bottom Of The Mast Carriage And Into The Notch On The Top Secure With 1/4-20 x 1 1/4" Bolt And Wing Nut.**

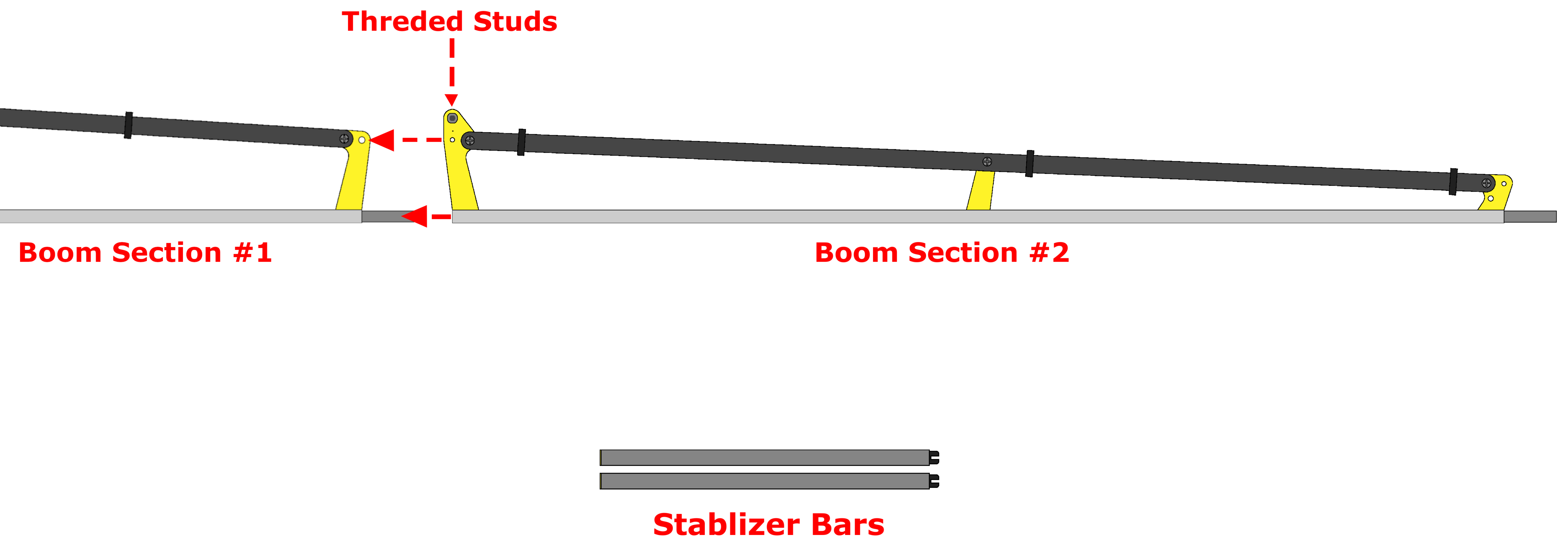




# Step #7 Attach Boom section #2 Add Stablizer Bars

Slide Boom Section #2 Over The Stainless Steel Peg On Section #1 Secure Top With 14-20 x 3/4" Bolt And Wing Nut.

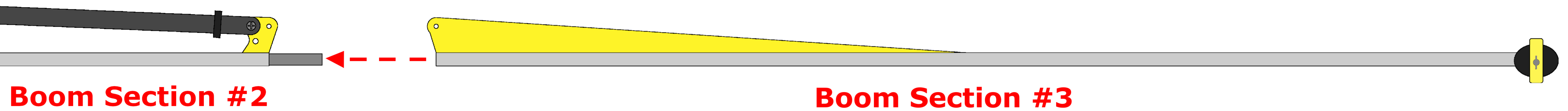
Screw Stablizer Bars On Threaded Studs Attached To Section #2





# Step #8 Attach Boom Section #3

**Slide Boom Section #3 Over The Stainless Steel Peg On Section #2 Secure Top With 14-20 x 3/4" Bolt And Wing Nut.**





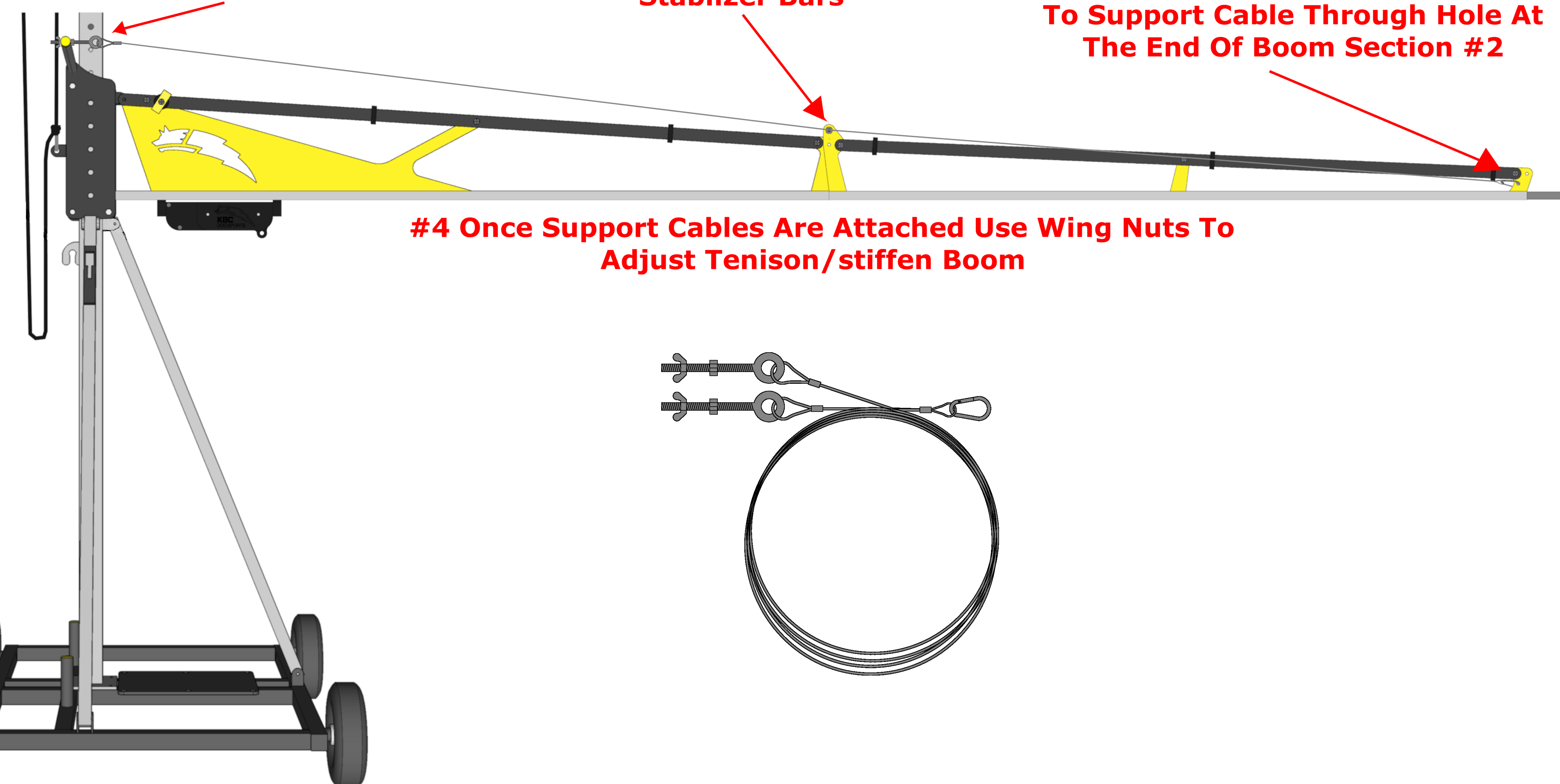
# Step #9 Attach Support Cables

**#2 Attach Eyebolts  
Attached To Support Cable  
To Each End Of Mast  
Carriage Crossbar Using  
Wing Nuts**

**#3 Hook Support Cables  
Through Notches On  
Stablizer Bars**

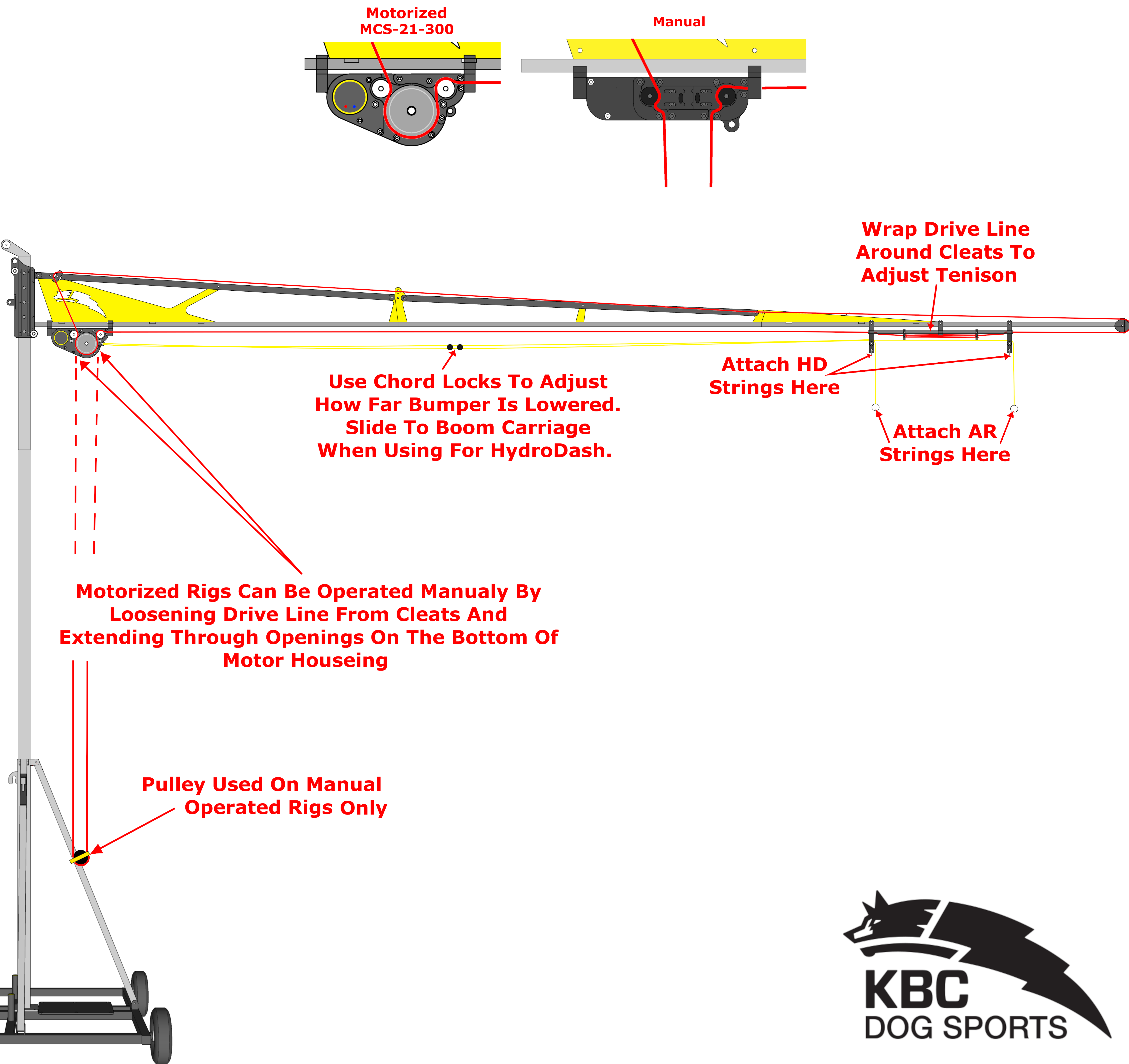
**#1 Clip Small Carabiner Attached  
To Support Cable Through Hole At  
The End Of Boom Section #2**

**#4 Once Support Cables Are Attached Use Wing Nuts To  
Adjust Tenison/stiffen Boom**



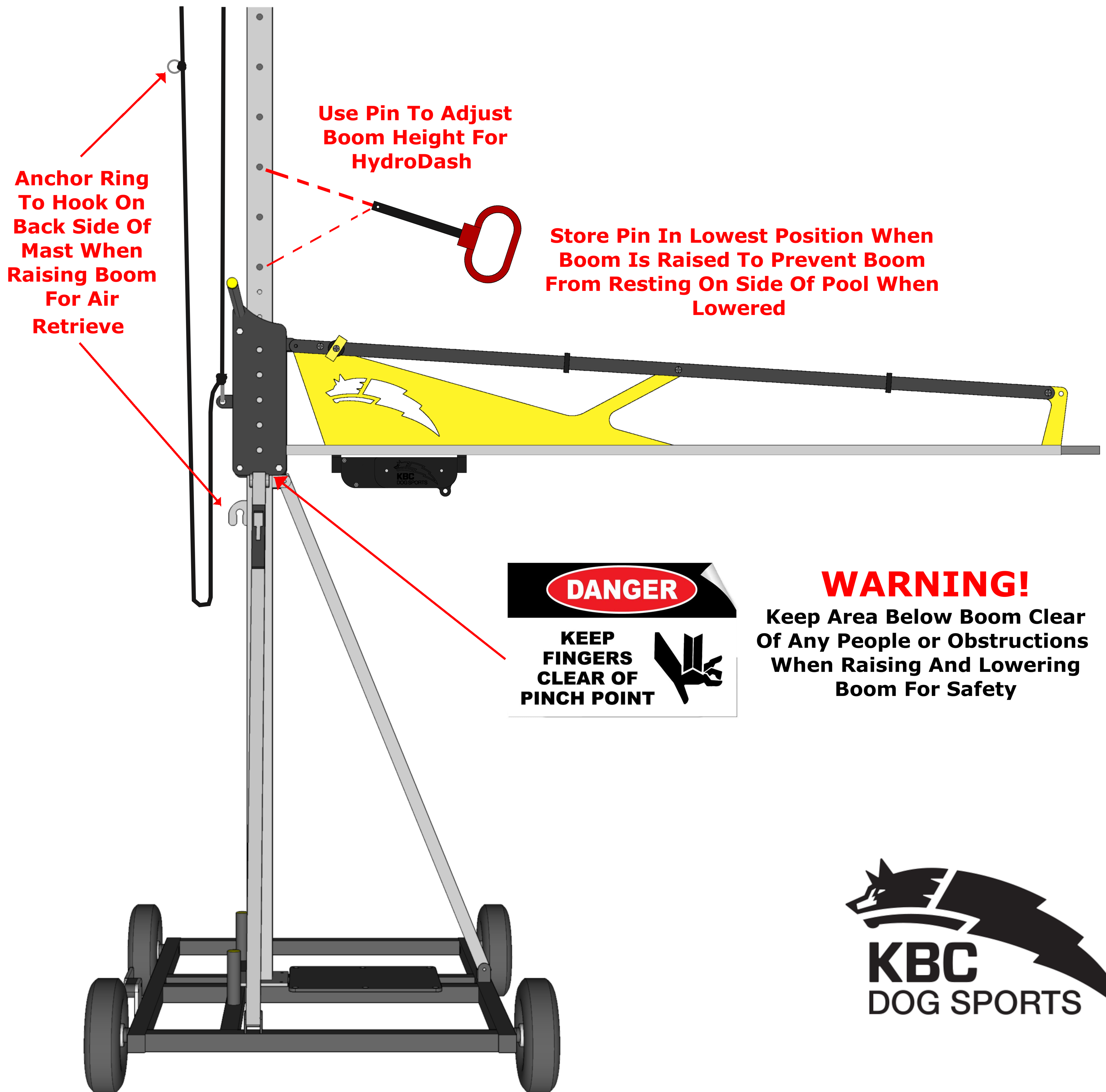


# Strings and Drive Line



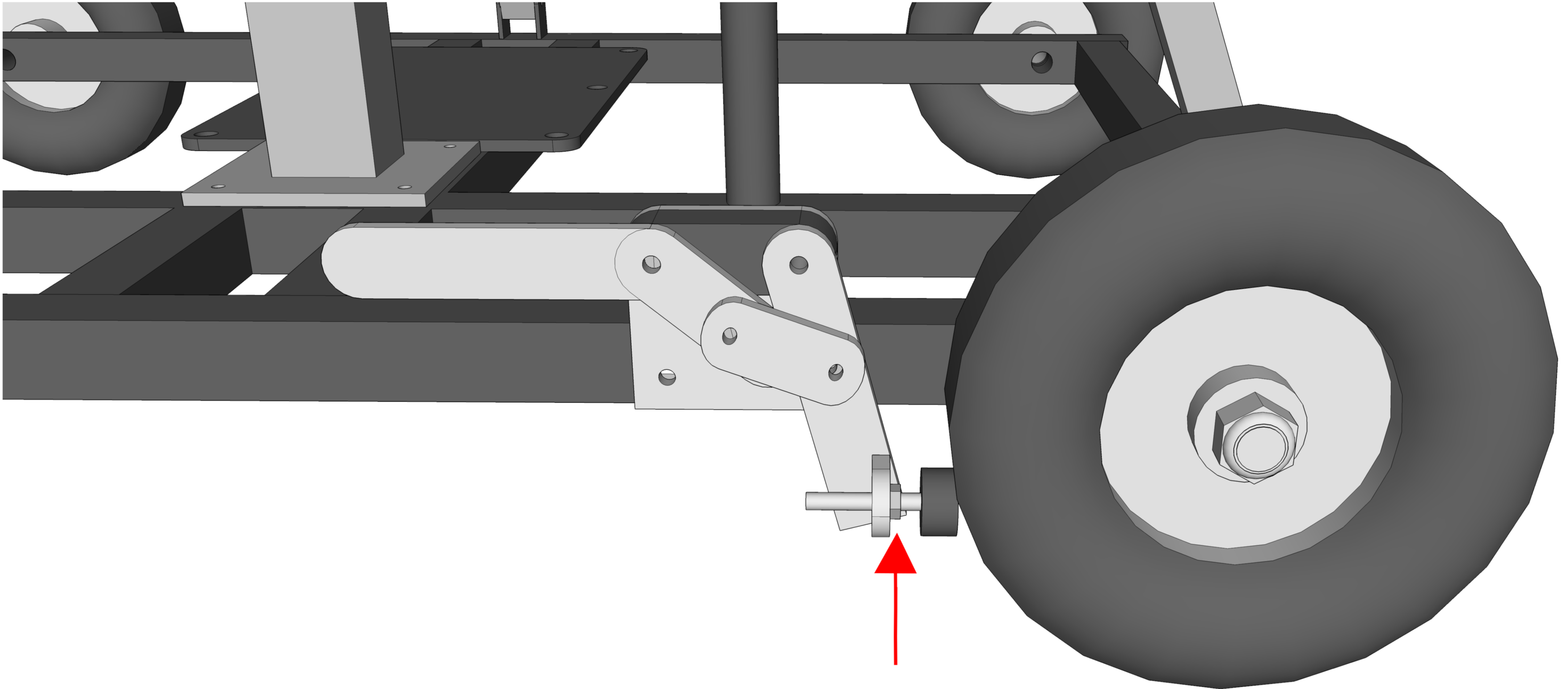


# Raising and lowering The Boom





# Adjusting The Brake



**To adjust brake loosen jam nut and turn rubber bumper to increase pressure.**



# Motor Control System Setup



## RemoteControl

