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**Video Instructions at:**

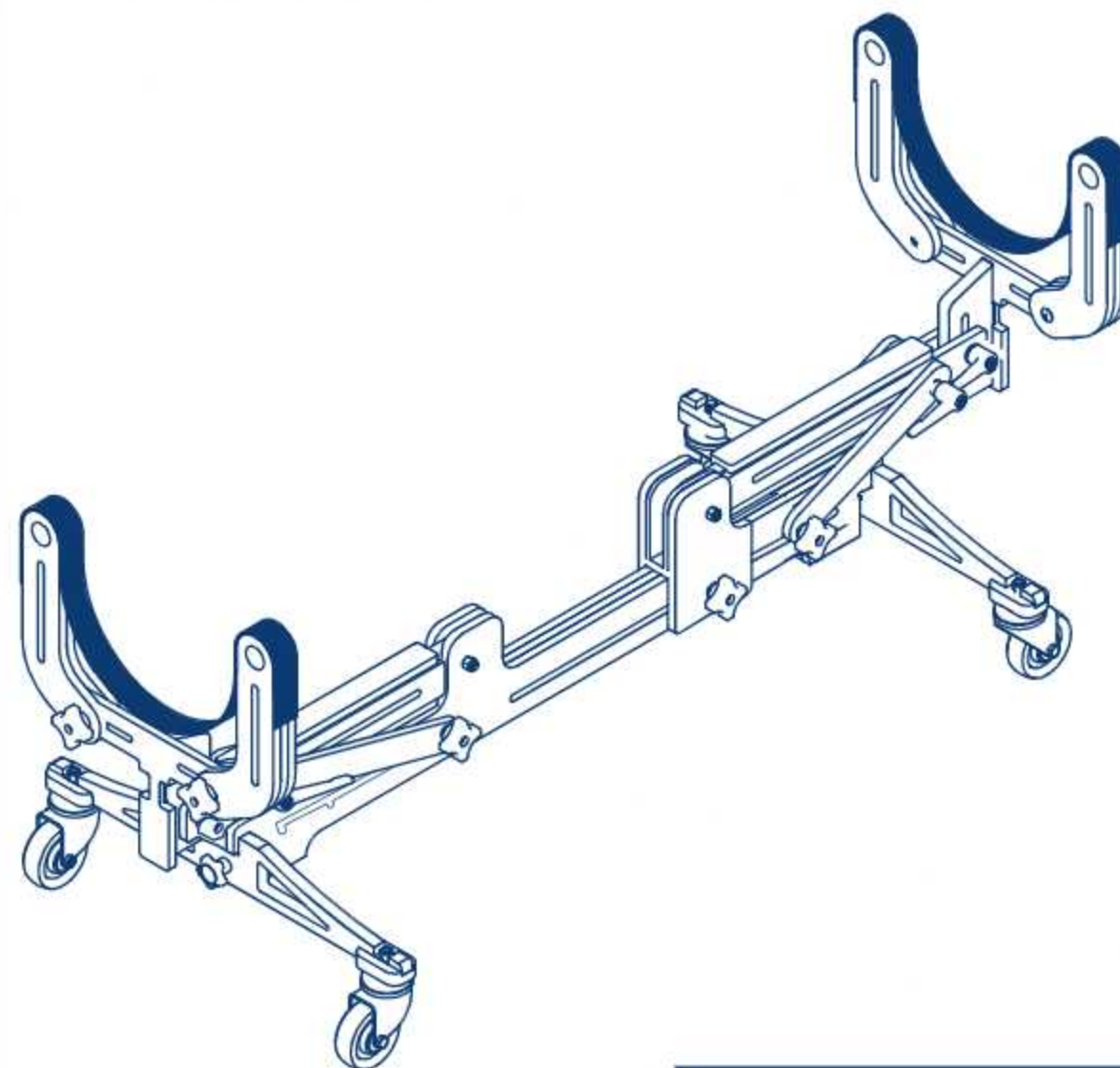
<https://rcplanestands.com/pages/assembly-videos>

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VERSION 1 3/22

**ULTIMATE II FLOOR MODEL ASSEMBLY**



**RC PLANE STANDS**

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## TOOL TRAY INSTALLATION



Tools Needed: One 9/16" Socket or Wrench

Plywood Parts (PW)			Hardware List - (HW)			
Key	Qty	Description	HW1	2	5/16" X 2"	Star Knob/Stud
PW1	1	Main Base	HW2	3	3/8" X 2 1/4"	Carriage Bolts
PW2	1	Sliding Carriage	HW3	6	3/8" X 3/8"	Carriage Bolts
PW3	2	Main Rails	HW5	2	3/8" X 2 1/4"	Carriage Bolts
PW4	4	Support Arms	HW6	4	3/8" X 2"	Carriage Bolts
PW6	4	Sliders	HW7	7	3/8"	Five Star Knobs
PW7	2	Legs With Feet	HW8	2	5/16"	Flat Washers
PW8	2	Tee Brackets	HW9	7	3/8"	Flat Washers
PW9	4	Arms	HW10	4	1 1/4"	Flat Washers
			HW11	4	3/8"	Lever Handles
			HW12	2	3/8"	Nylon Lock Nuts
			HW13	1	1 1/2" X 72"	One Wrap Velcro
			HW14	4	3" or 5"	Wheels (Optional)

Optional Tool Tray Plywood Parts (PW)		
PW10	1	Tool Tray
PW11	2	Small Rails

Optional Tool Tray Hardware			
HW15	2	3/8" X 2 1/4"	Carriage Bolts
HW16	2	3/8"	Flat Washers
HW17	2	3/8"	Five Star Knobs

Video Instructions at:

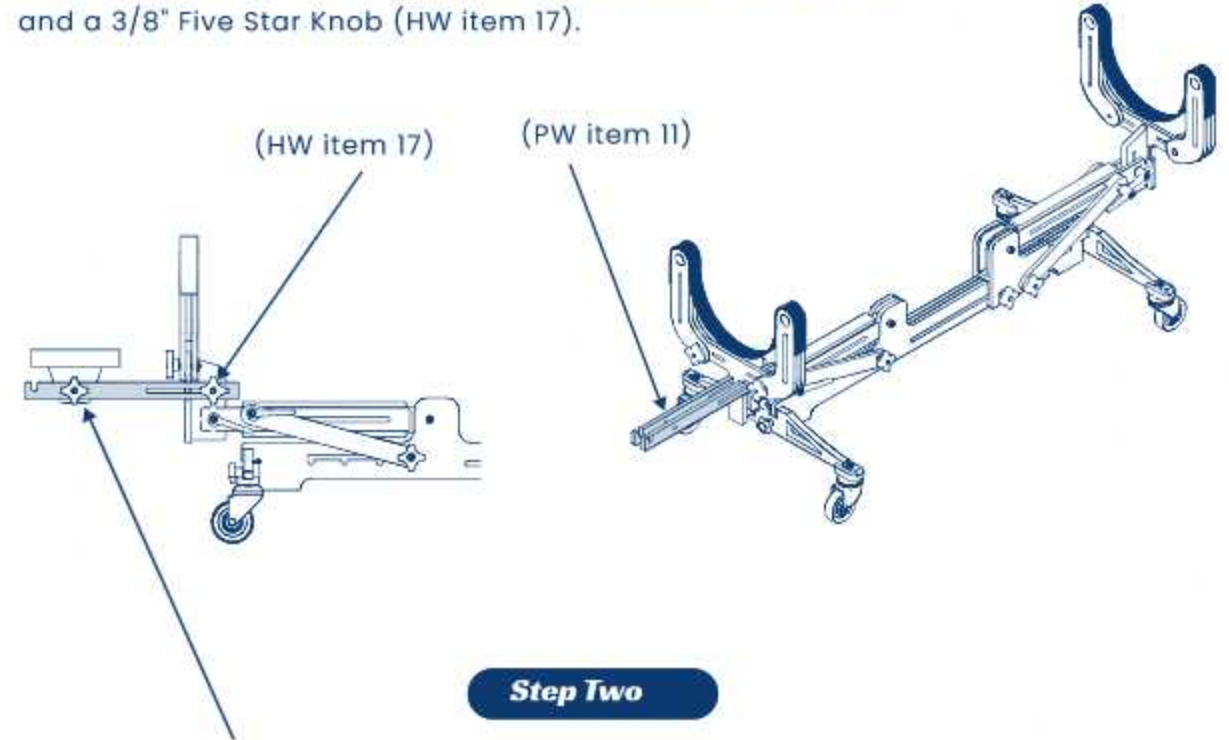
<https://www.rcplanestands.com/assembly.html>

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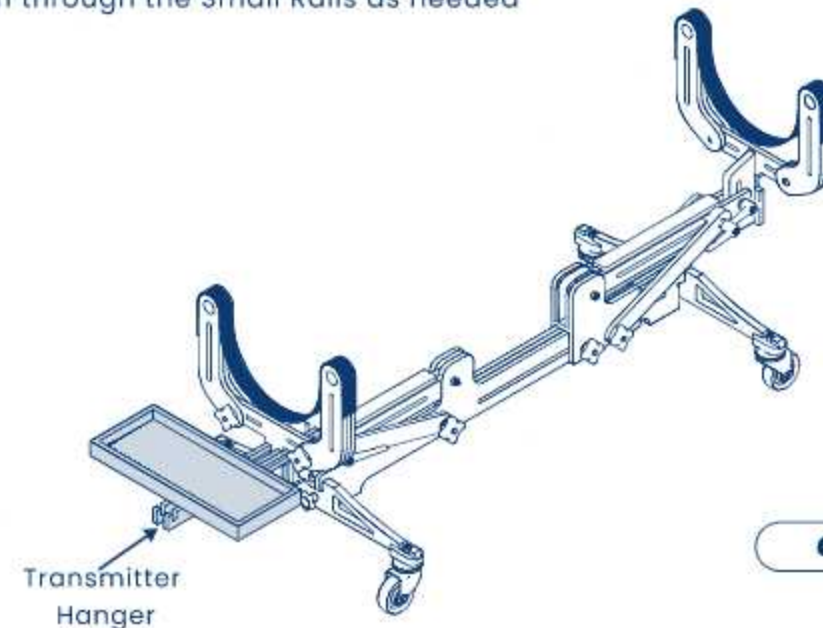
### Step One

Add the two Small Rails (PW item 11) to both sides of the Tee Bracket (PW item 6) and attach them through the 3/8" holes at the end of the Small Rails with the 3/8" x 2 1/4" Carriage Bolt (HW item 15) along with a 3/8" Flat Washer (HW item 16) and a 3/8" Five Star Knob (HW item 17).



### Step Two

Place the Tool Tray (PW item 10) in between the two Small Rails (PW item 11) and attach them through the 3/8" slots of the Small Rails with the 3/8" x 2 1/4" Carriage Bolt (HW item 15) along with a 3/8" Flat Washer (HW item 16) and a 3/8" Five Star Knob (HW item 17). The Tray is able to slide back and forth through the Small Rails as needed.



Completed

## OPTIONAL TOOL TRAY

### Optional Tool Tray Plywood Parts (PW)

PW10	1	Tool Tray
PW11	2	Small Rails

### Optional Tool Tray Hardware

HW15	2	3/8" X 2 1/2"	Carriage Bolts
HW16	2	3/8"	Flat Washers
HW17	2	3/8"	Five Star Knobs

15

3/8" X 2 1/2" Carriage Bolts



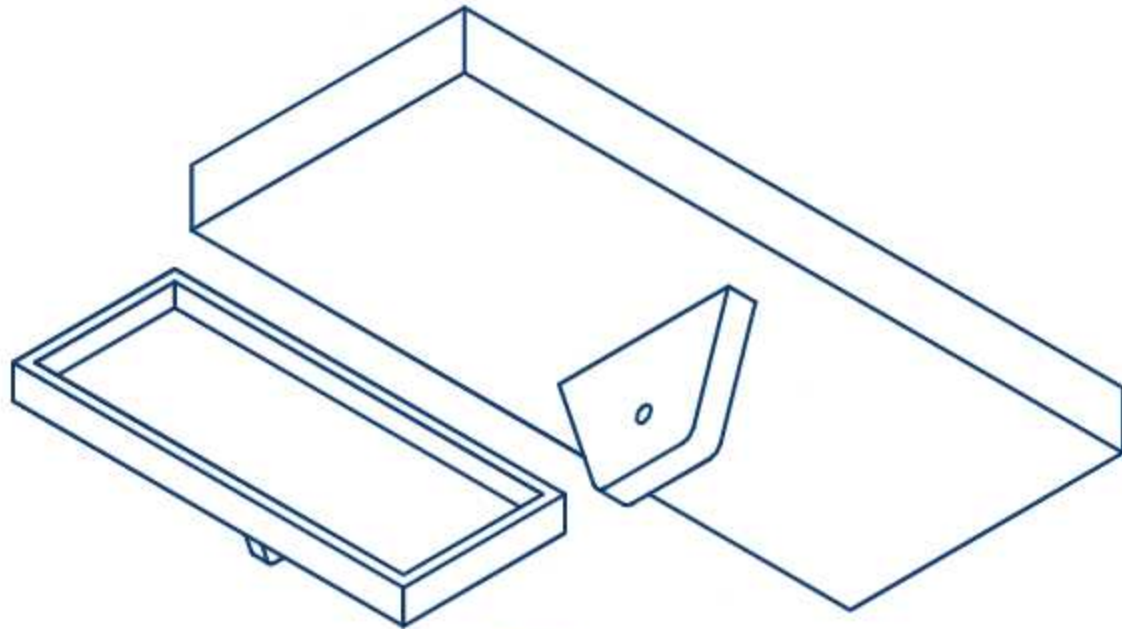
16

3/8" Flat Washers

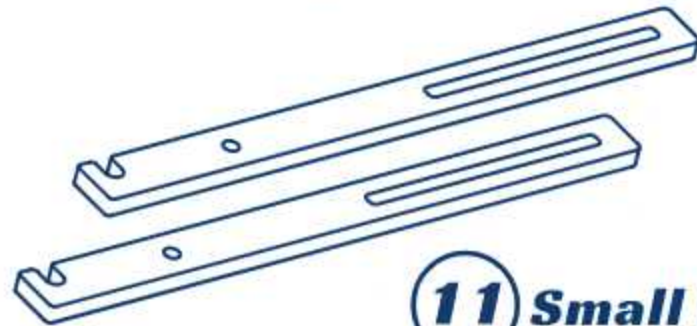


17

3/8" Five Star Knobs

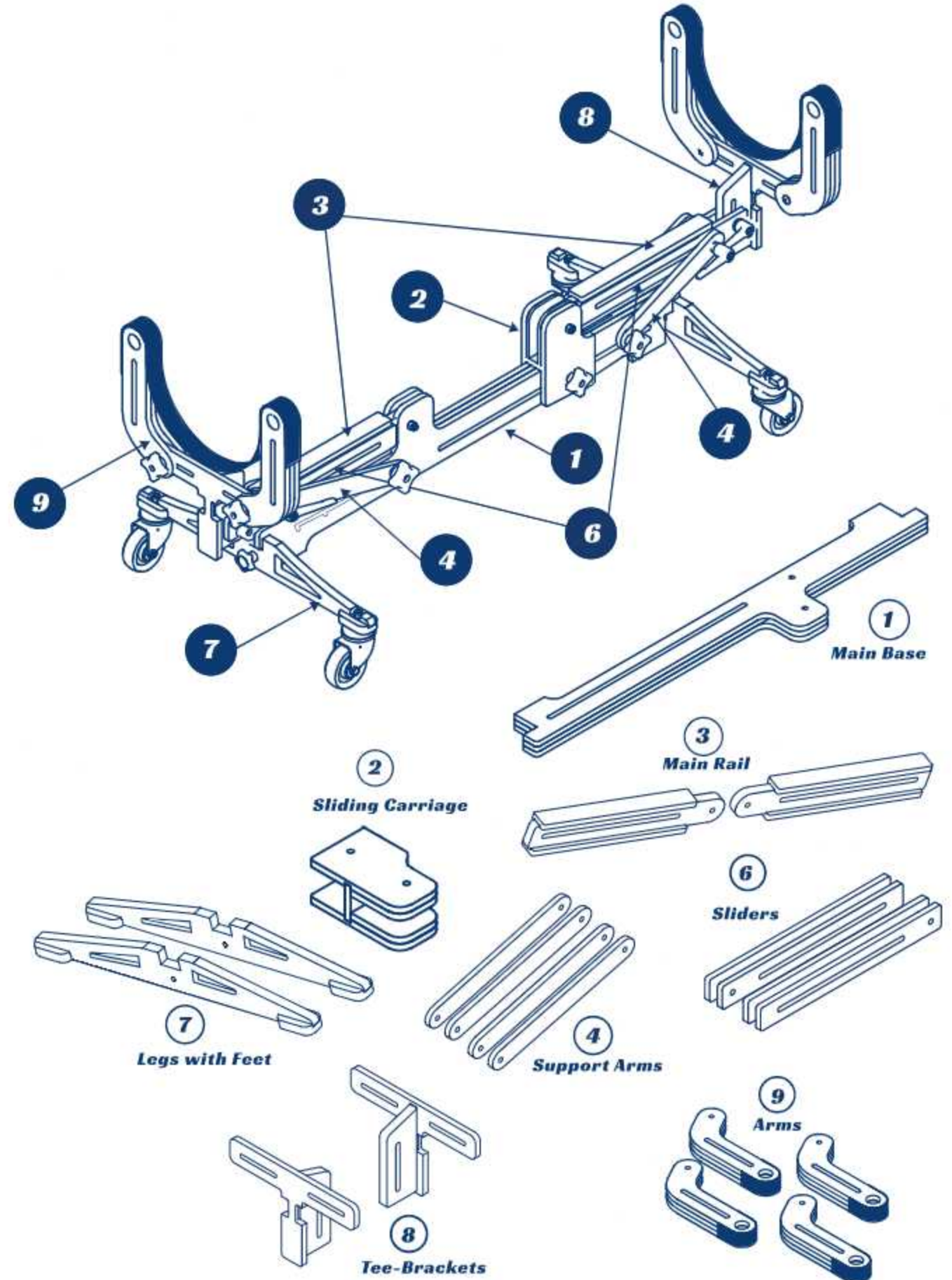


10 Tool Tray



11 Small Rails With Transmitter Hooks

## PLYWOOD PARTS



1 Main Base

3 Main Rail

2 Sliding Carriage

7 Legs with Feet

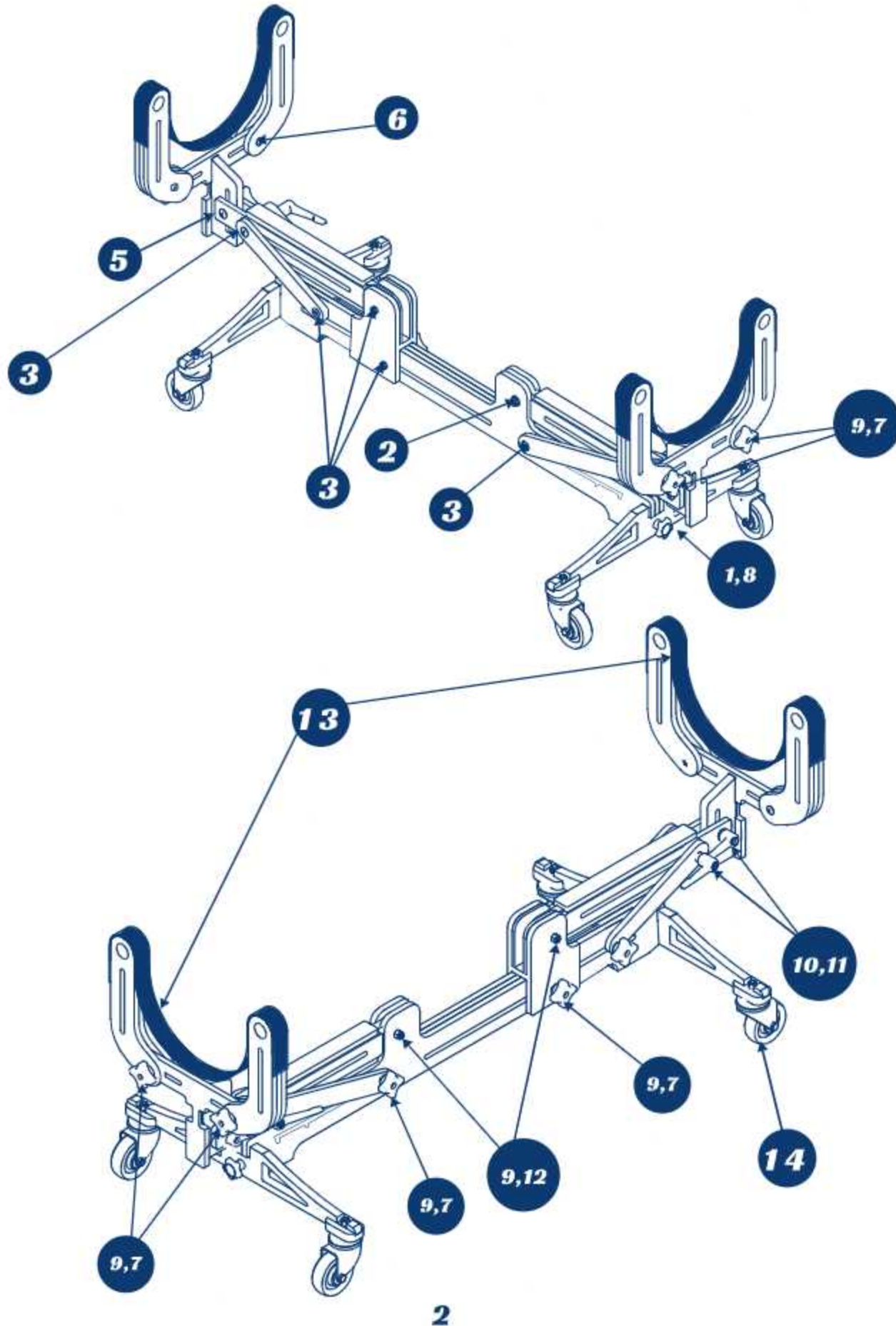
4 Support Arms

6 Sliders

9 Arms

8 Tee-Brackets

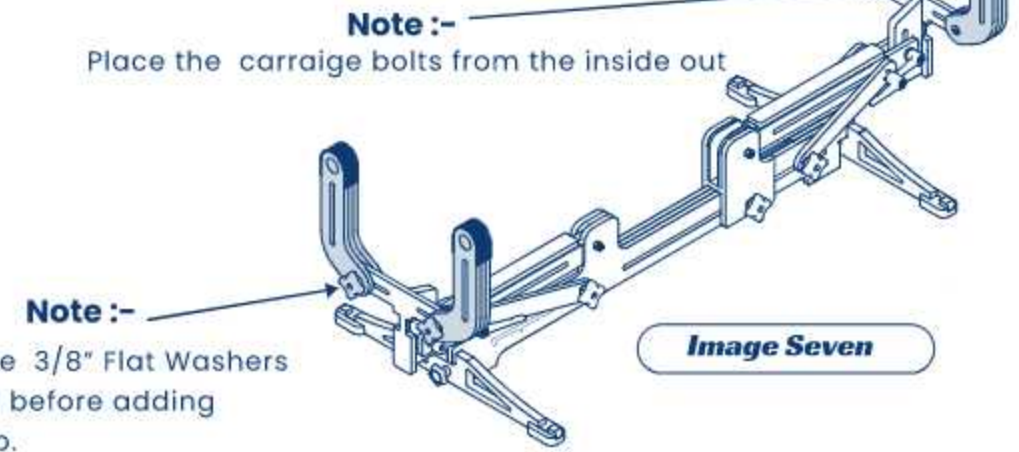
## HARDWARE PARTS



## ASSEMBLY PROCEDURE

### Step Seven

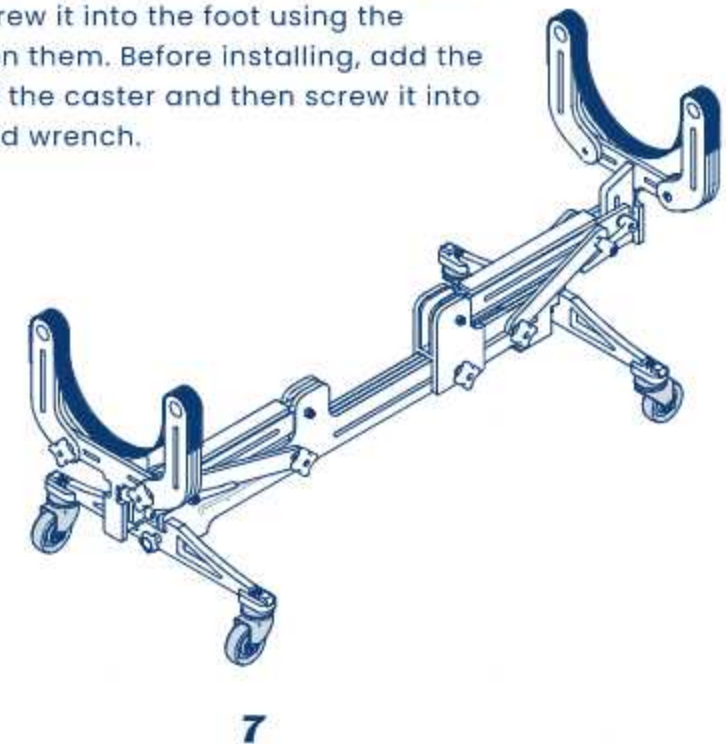
Now place the four Arms (PW item 9) on the Tee-Brackets (PW item 8) as shown in "Image Seven" and fix it to the Tee-Brackets using the 3/8" x 2" Carriage Bolts (HW item 6) and a 3/8" Flat Washer (HW item 9) then a Five Star Knob. ( HW item 7)



### Step Eight

If purchased - Add the four Caster Wheels (HW item 14) into the steel inserts under the four feet of Legs (PW item 7).  
NOTE: Before installing, add the included M-8 nut to the top of the caster and then screw it into the foot using the supplied wrench to tighten them. Before installing, add the included nut to the top of the caster and then screw it into the foot using the supplied wrench.

### Image Eight



## ASSEMBLY PROCEDURE

### Step Five

Place the Sliding Carriage/Center Piece (PW item 2) unit onto the Base (PW item 1). Now place the other Main Rail (PW item 3) on the top of the Sliding Carriage (PW item 2) unit. "same as you did on the first side." Line up the holes and attach it using a 3/8" x 3 1/2" Carriage Bolt (HW item 3) and a 3/8" Flat Washers (HW item 9) with a Lock Nut (HW item 12).

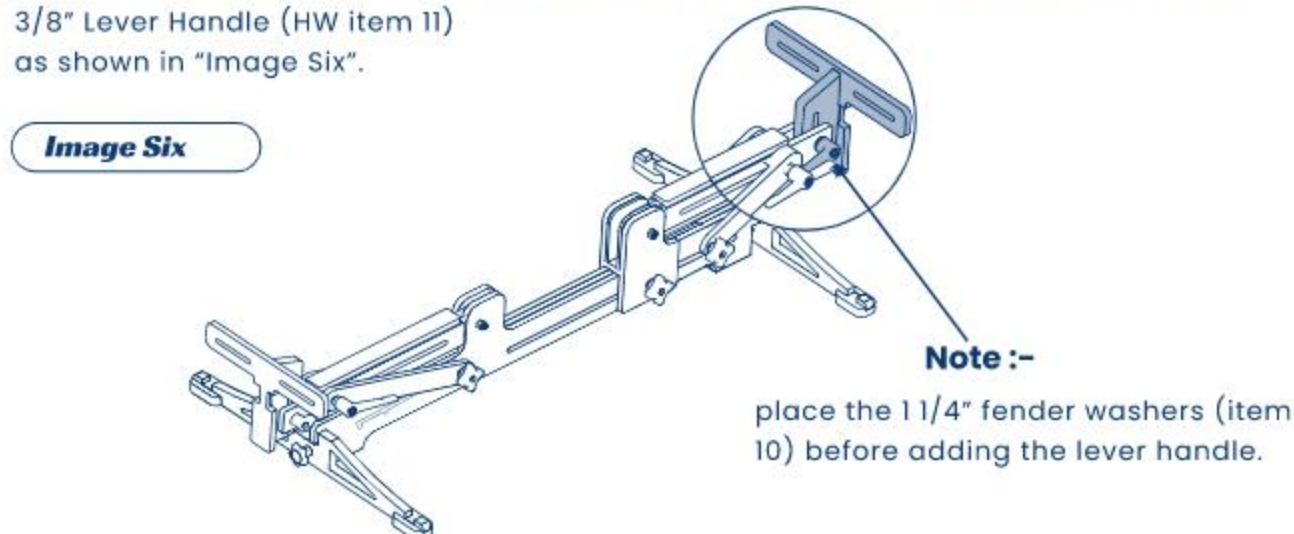
Secure the Sliding Carriage to the Main Base using a using a 3/8" x 3 1/2" Carriage Bolt (HW item 3) and a 3/8" Flat Washers (HW item 9) with a 3/8" Five Star Knob (HW item 7).

Now attach the side A of the Support Arm (PW item 4) to the Main Base using a 3/8" x 3 1/2" Carriage Bolt (HW item 4) and 3/8" Flat Washer (HW item 9) and a 3/8" Five Star Knob (HW item 7). Now lift the Support Arms with Spacers-side B (PW item 5) to the outer sides of the Sliders and make sure the holes on the Support Arms are aligned with the slots in the sliders and Main Rails. Insert a 3/8" x 4 1/2" Carriage Bolt (HW item 4) and a 1 1/4" Fender washer (HW item 10) and a 3/8" lever handle (HW item 11)

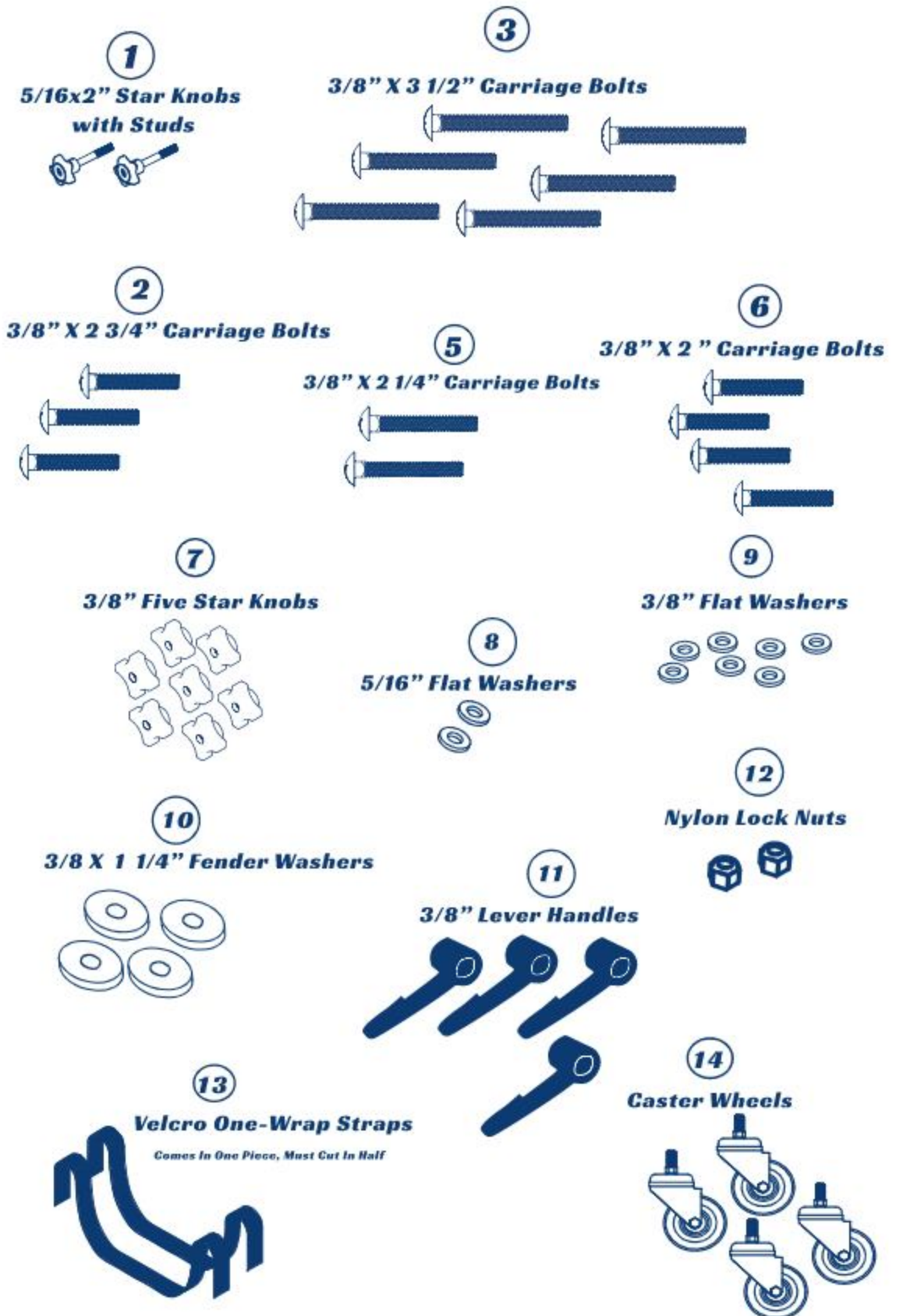


### Step Six

Now attach a Tee-Bracket (PW item 8) between the two Sliders (PW item 6) using the 3/8" x 2 3/4" Carriage Bolt (HW item 2) with 1 1/4" fender washer (HW item 10) and the 3/8" Lever Handle (HW item 11) as shown in "Image Six".



## HARDWARE PARTS



## ASSEMBLY PROCEDURE

### Step One

Place the Legs (PW item 7) on the each side of the Main Base (PW item 1), attach them to the ends of the base using the two 5/16" x 2" Star Knobs with 2" Studs. (HW item 1) and two 5/16" Flat Washers (HW item 8). Screw them into the threaded insert at both ends of Main Base as shown in "Image One".

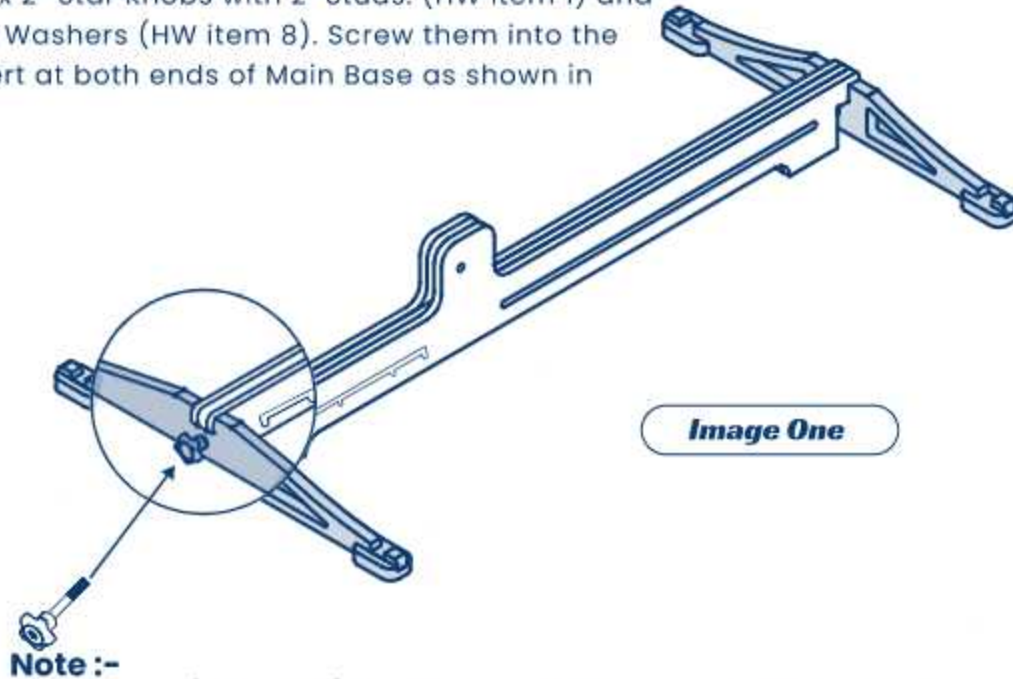


Image One

#### Note :-

Place The 5/16" Flat Washers (HW Item 8) Before Inserting The Studded Five Star Knob

### Step Two

Now place a Main Rail (PW item 3) on the top of one side of the Main Base (PW item 1). Line up the holes and attach it using the 3/8" x 2 3/4" Carriage Bolt (HW item 2) and a 3/8" Flat Washers (HW item 9) on one side with the Nylon Lock Nuts (HW item 12).

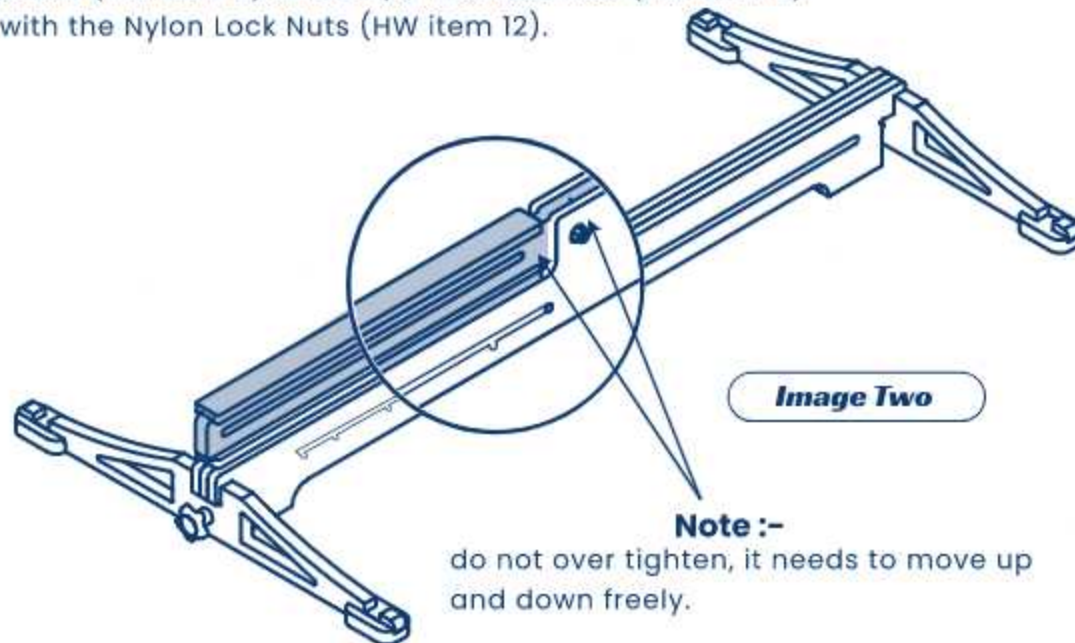


Image Two

#### Note :-

do not over tighten, it needs to move up and down freely.

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## ASSEMBLY PROCEDURE

### Step Three

Now attach the side A of the Support Arm (PW item 4) to the Main Base using a 3/8" x 3 1/2" Carriage Bolt (HW item 3) and 3/8" Flat Washer (HW item 9) and a Star Knob (HW item 7). Do not over tighten.

Place the two Sliders (PW item 6) onto each side of the Main Rails with the holes to the outside as shown in Image 3,

Now lift the Support Arms-side B (PW item 4) to the outer sides of the Sliders and make sure the holes on the Support Arms are aligned with the slots in the sliders and Main Rails. Insert a 3/8" x 3 1/2" Carriage Bolt (HW item 3) and a 1 1/4" Fender Washer (HW item 10) and a 3/8" lever handle (HW item 11).

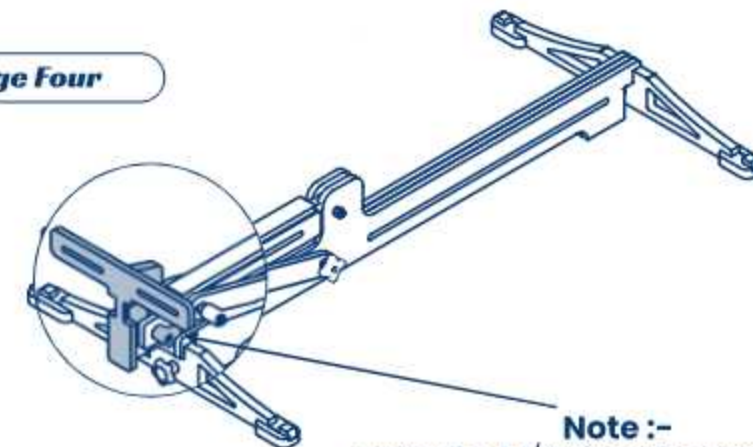


### Step Four

Image Three

Now attach a Tee-Bracket (PW item 8) between the two Sliders (PW item 6) using the 3/8" x 2 3/4" Carriage Bolt (HW item 2) with a 1 1/4" Fender Washer (item 10) and the 3/8" Lever Handle (HW item 11) as shown in "Image Four".

Image Four



#### Note :-

place the 1 1/4" fender washers (item 10) before adding the lever handle.

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