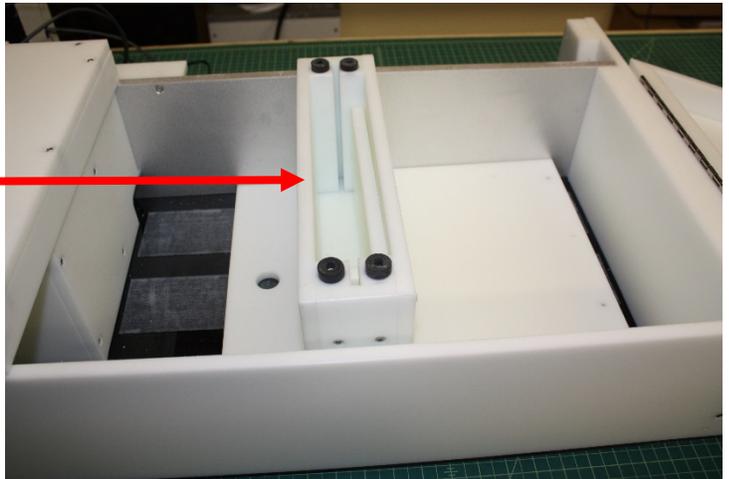


Model 128i Installation

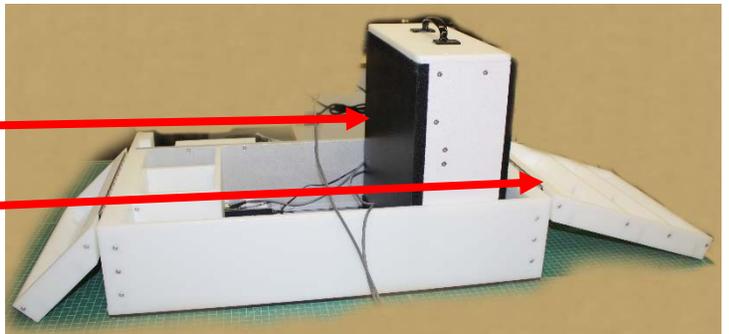
Remove the Base from the box.



Remove the dance floor and the upright support from the inside of the base.



Put the imager in the base in the upright (Lateral) position with the top panel (with the field of view marked in silver lines) facing the right side of the base (the side with the large hinge panel/wing)

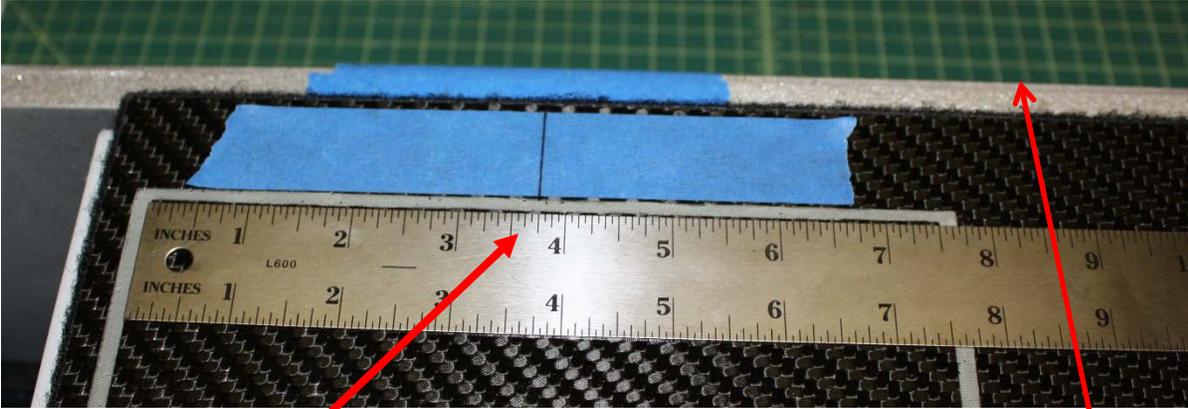


Feed the cables through the holes in the supports and lay the imager down so the bottom is all the way to the right side of the base.



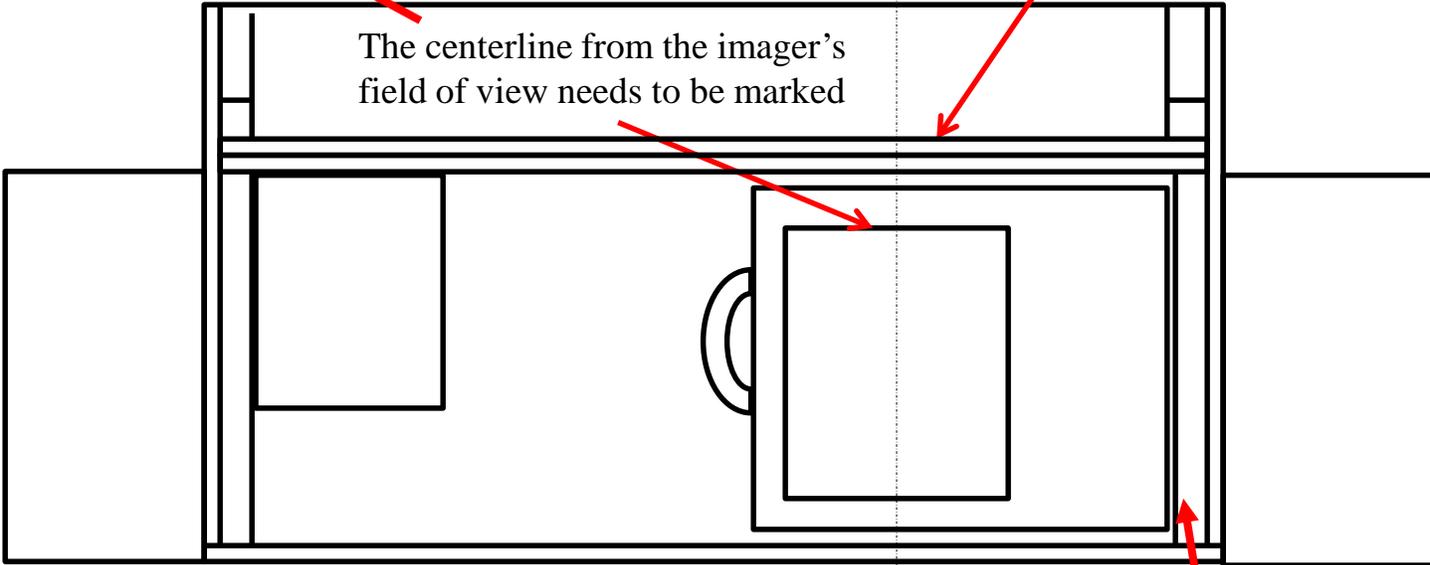
When attached to the base of an A2D2 Podiatry system the X-Ray arm needs to tilt back 15 degrees, in order to accommodate this the bottom flange needs to be raised up from the floor of the base an inch or more. The distance the flange will need to be raised will depend on the style of flange on the X-Ray arm.

The hinge plate needs to be marked with a center line that lines up with the center of the open in the notch in the top panel of the base. This center line should be approximately 13 1/8" from the end of the hinge plate but should be marked as the center of the notch



The field of View is 7 1/2" so mark the center at 3 3/4"

The hinge plate in the rear section of the base



The centerline from the imager's field of view needs to be marked

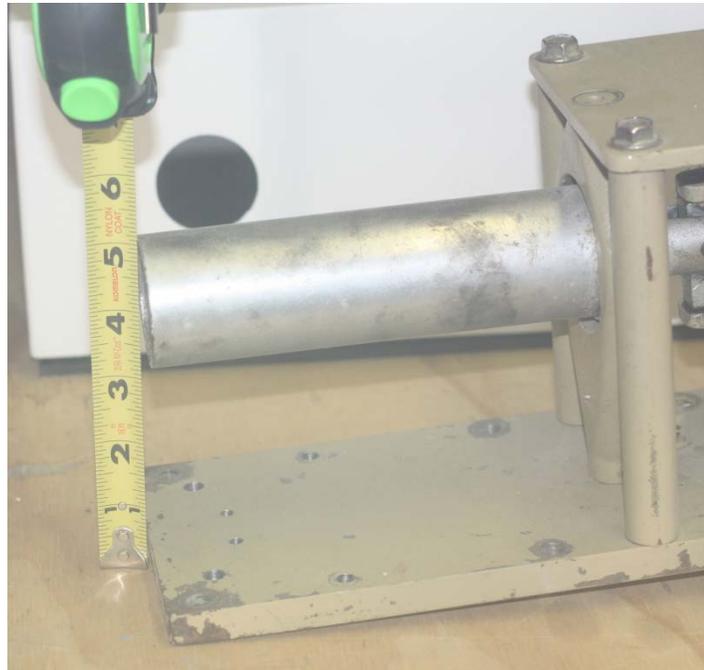
Centerline of the Imager's Field of view

The imager should be all the way to the right side of the base

Vertical Piston Arm

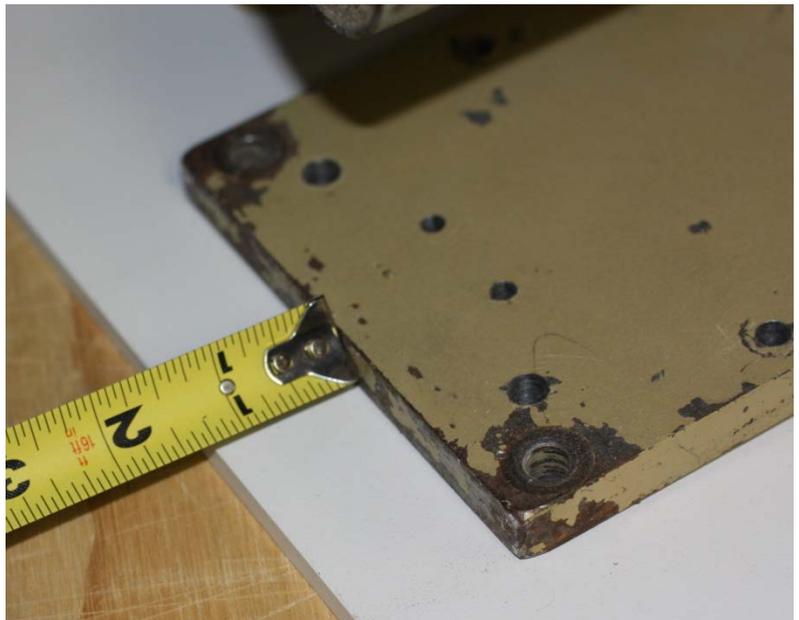
If the X-Ray arm has a vertical piston and no rear flange, the distance from the front flange to the back of the piston must be measured.

For every inch back the bottom of the flange must be raised $\frac{1}{4}$ ".



For the X-Ray Arm pictured here the distance is 5" so the bottom of the flange must be raised $1\frac{1}{4}$ "
(Or the $1\frac{1}{2}$ " Spacer can be used)

After matching the centerline of the flange to the centerline marked on the hinge plate make sure the flange is raised up the appropriate distance from the bottom of the hinge plate and transfer the holes from the flange to the hinge plate (Note: it might be necessary to drill extra holes in the flange to make sure 4 bolts can be used with proper clearance from the top and bottom of the Hinge Plate).



Horizontal Piston Arm – Type 1

If the X-Ray arm has a thin horizontal piston and a rear flange that doesn't extend past the assembly

The distance from the front flange to the rear flange must be measured



For every inch back the bottom of the flange must be raised $\frac{1}{4}$ ".

For the X-Ray Arm pictured here the distance is 6" so the bottom of the flange must be raised $1\frac{1}{2}$ "
The $1\frac{1}{2}$ " Spacer can be used



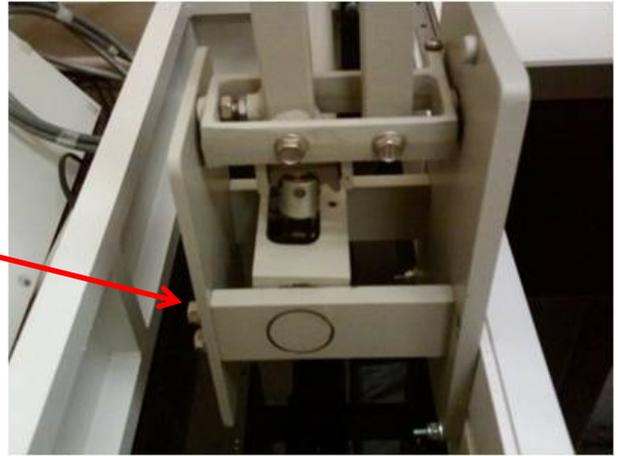
After matching the centerline of the flange to the centerline marked on the hinge plate make sure the flange is raised up the appropriate distance from the bottom of the hinge plate and transfer the holes from the flange to the hinge plate (Note: it might be necessary to drill extra holes in the flange to make sure 4 bolts can be used with proper clearance from the top and bottom of the Hinge Plate).



Horizontal Piston Arm – Type 2

If the X-Ray arm has a fat horizontal piston and a rear flange that extends past the assembly this is the most difficult arrangement to mount to the A2D2 Podiatry Base

Rear Flange



First 1 1/2" must be cut off the bottom of the rear flange so the whole assembly can hinge back to 15 degrees This can be marked with the 1 1/2" Spacer



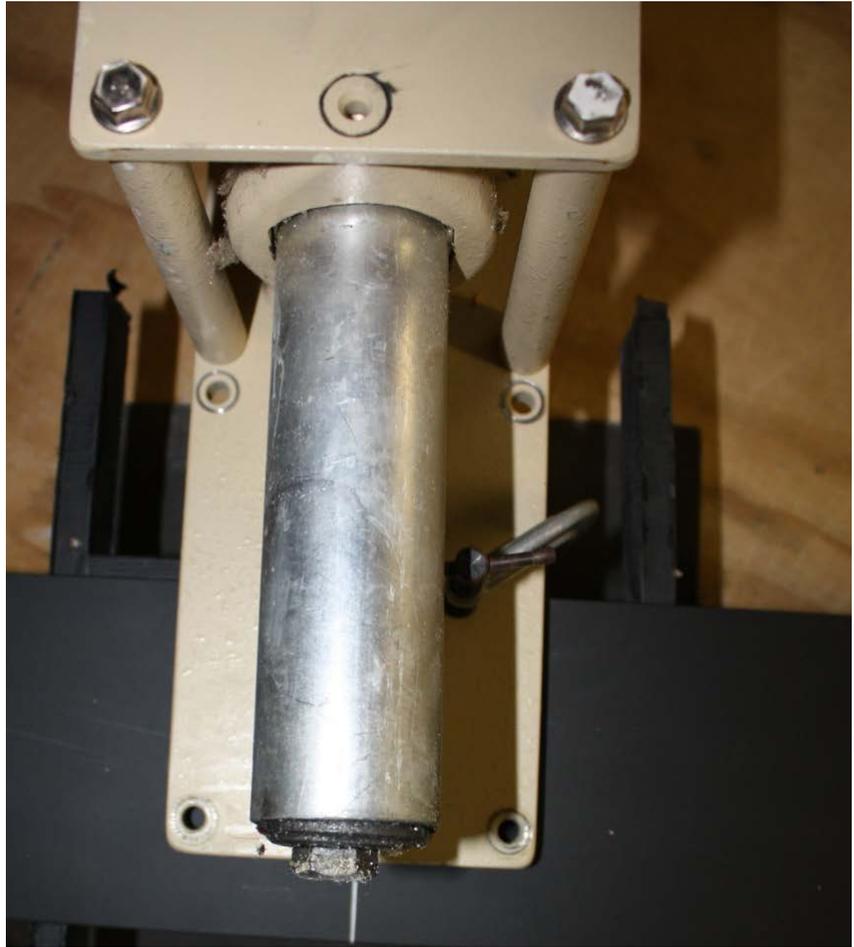
1 1/2" piece can be discarded after cutting



Second the front flange must be raised 1/2" up from the bottom of the hinge plate otherwise the thickness of the front flange will prevent the assembly from tilting back 15 degrees

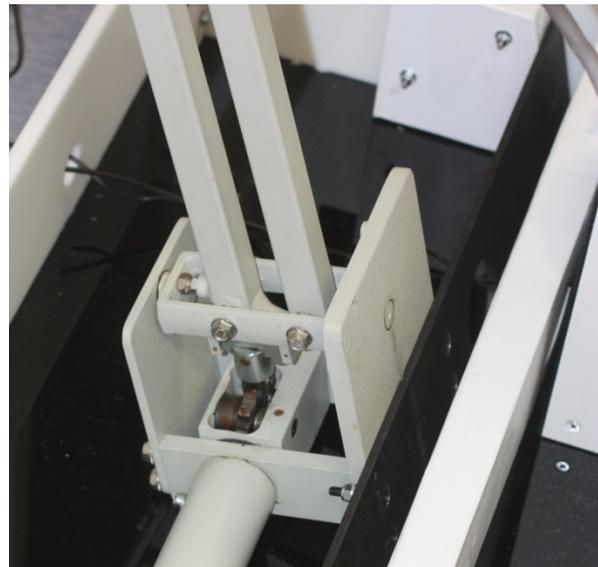


After matching the centerline of the flange to the centerline marked on the hinge plate make sure the flange is raised up the appropriate distance from the bottom of the hinge plate and transfer the holes from the flange to the hinge plate (Note: it might be necessary to drill extra holes in the flange to make sure 4 bolts can be used with proper clearance from the top and bottom of the Hinge Plate).



4 Black Stainless Steel $\frac{1}{4}$ -20 Flat Head bolts are supplied, these bolts must be used when mounting the X-Ray arm to the hinge plate so the front side of the hinge plate will need to be countersunk to avoid a collision with the support member that separates the front and back of the base.

Once the X-Ray arm is mounted to the hinge plate the whole assembly can be slid into position in the rear bay of the base



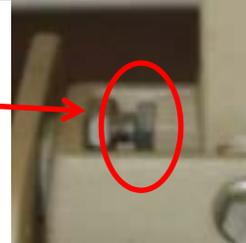
Mount the X-Ray head on the arm and position it in the upright position with the arm as straight up as possible.



Using 1/2" open end wrenches position the set screw so it is far enough out to hold the arms in the 90 degree position



and tighten the nut to keep the screw from moving



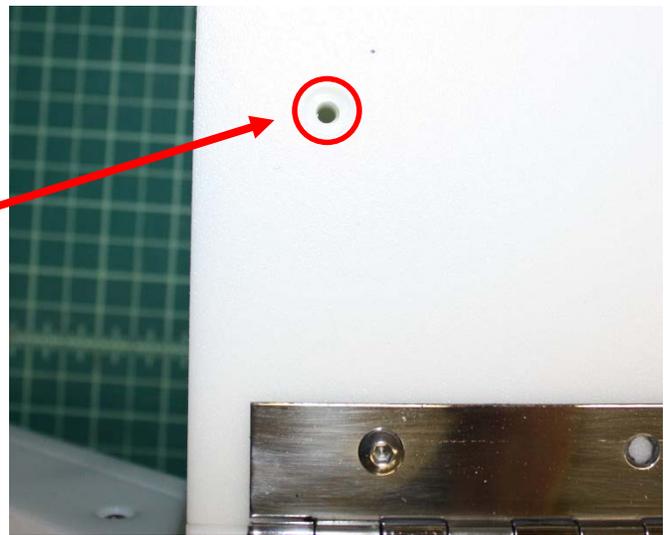
This will hold the arm at the 90 degree position when it is tipped back to the 15 degree position and keep the head pointing at the imager



The next step is to attach the “Dance Floor” to the Rear of the base on the left hand side

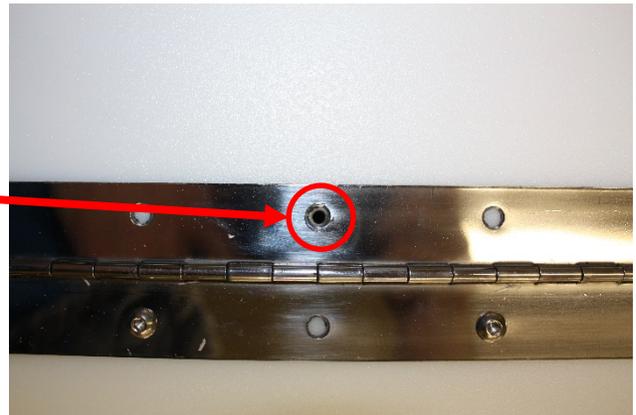
Align the hole in the top of the dance floor with the tapped hole in the 15 degree support piece in the rear of the base

Use 1 of the “Dance Floor Hardware” screws here



Align the hole in the hinge with the tapped hole in the small support piece that is mounted above the hinge plate

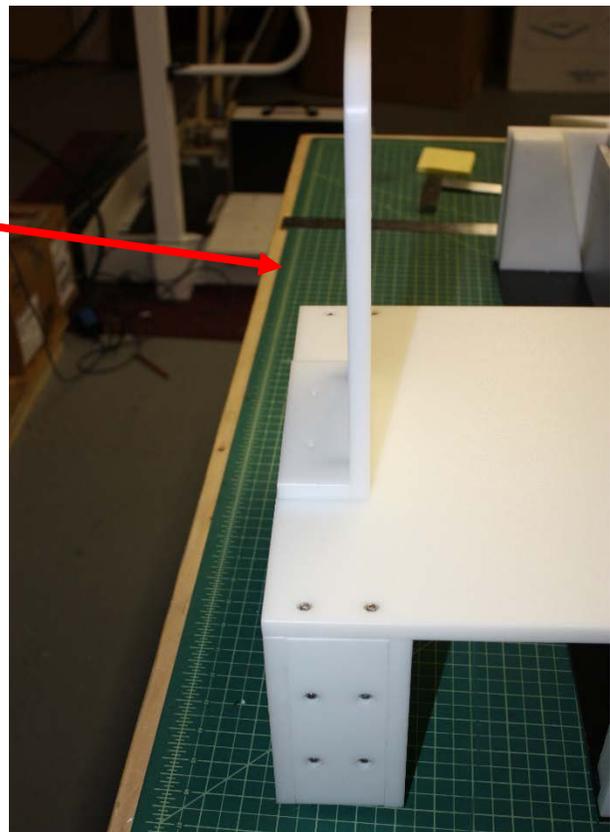
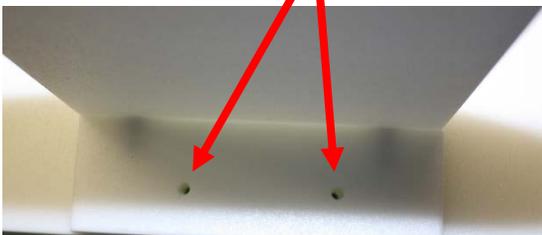
Use 1 of the “Dance Floor Hardware” screws here



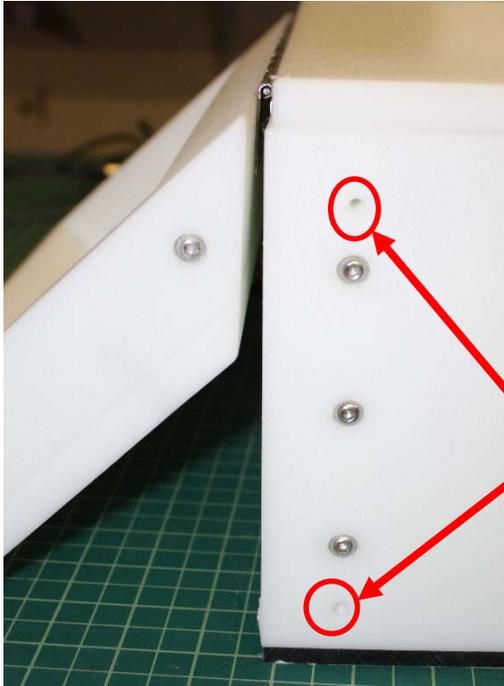
Attach the upright support to the rear of the dance floor

Align the 2 holes in the base of the upright support with the 2 holes in the top of the dance floor

Use the last 2 “Dance Floor Hardware” Screws here

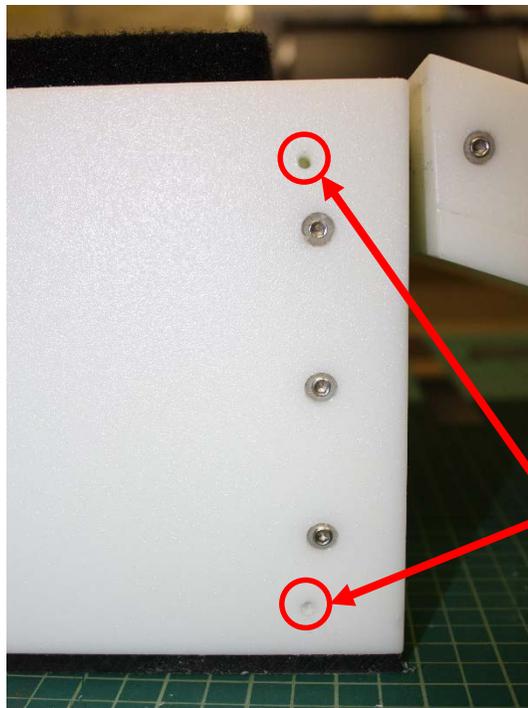
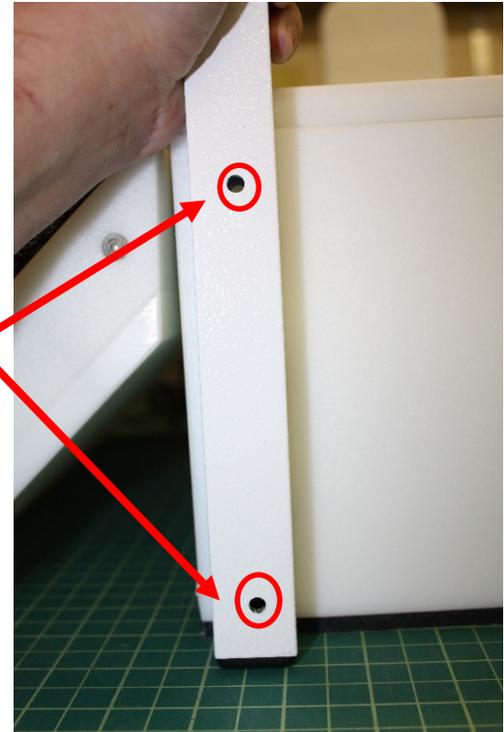


Mounting the Handrails



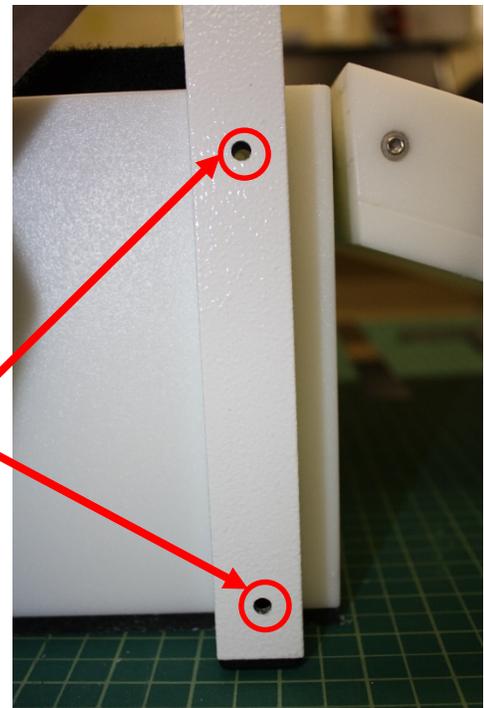
One of the handrails will mount to the front of the base on the left hand side.

2 of the “Handrail Mounting” Screws will go through the clearance holes in the handrail and into the tapped holes in the base



One of the handrails will mount to the front of the base on the Right hand side.

2 of the “Handrail Mounting” Screws will go through the clearance holes in the handrail and into the tapped holes in the base



The “Red” Hex wrench should be used to fasten these screws

Here is what the base will look like fully assembled with the handrails attached

