

Our lightest, most versatile Jib for camera systems with front weight of 22 lbs (10 kg.) or less.

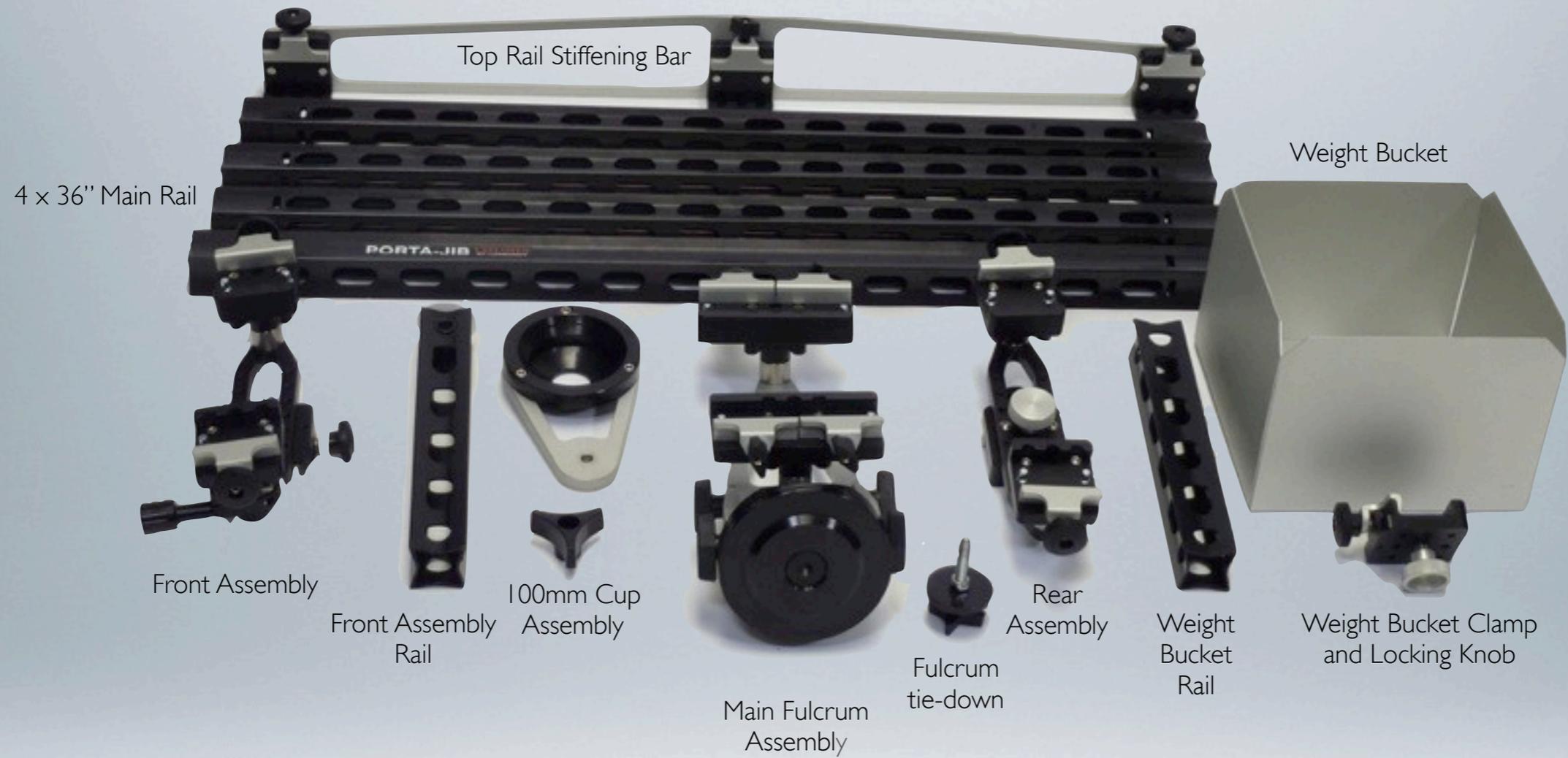
Canon 7D Camera with matte box, follow focus, external battery, Marshall monitor, balanced monitor bracket, and Cartoni Focus head -- 22 lbs.

Parallelogram on both front and rear allows for a weight bucket to eliminate the need to carry steel counterweights. Anything handy becomes your counterweights. A bottle of water can become your fine tuning weight.

Our Explorer Version 2 Tripod is now a normal size tripod with a 100mm top. Its robust construction can support 300 lbs.

PORTA-JIB EXPLORER

Jib Arm details and assembly instructions



All of these jib components fit into one custom Porta-Brace bag.
Total weight with bag: 35 lbs.

EXPLORER JIB COMPONENTS

STEP ONE--POSITION TRIPOD



Note: The Explorer Version 1 Tripod looked like this. It had short legs, clamps for feet, and a large spreader base with leveling feet. It was designed like this to make it a quick change-over to a 3-Leg track dolly by exchanging the leveling feet for dolly wheels. It worked well as the jib/trolley support, but it was slow to set up because the spreader base needed to be assembled, and its short legs made it impractical as an everyday tripod.



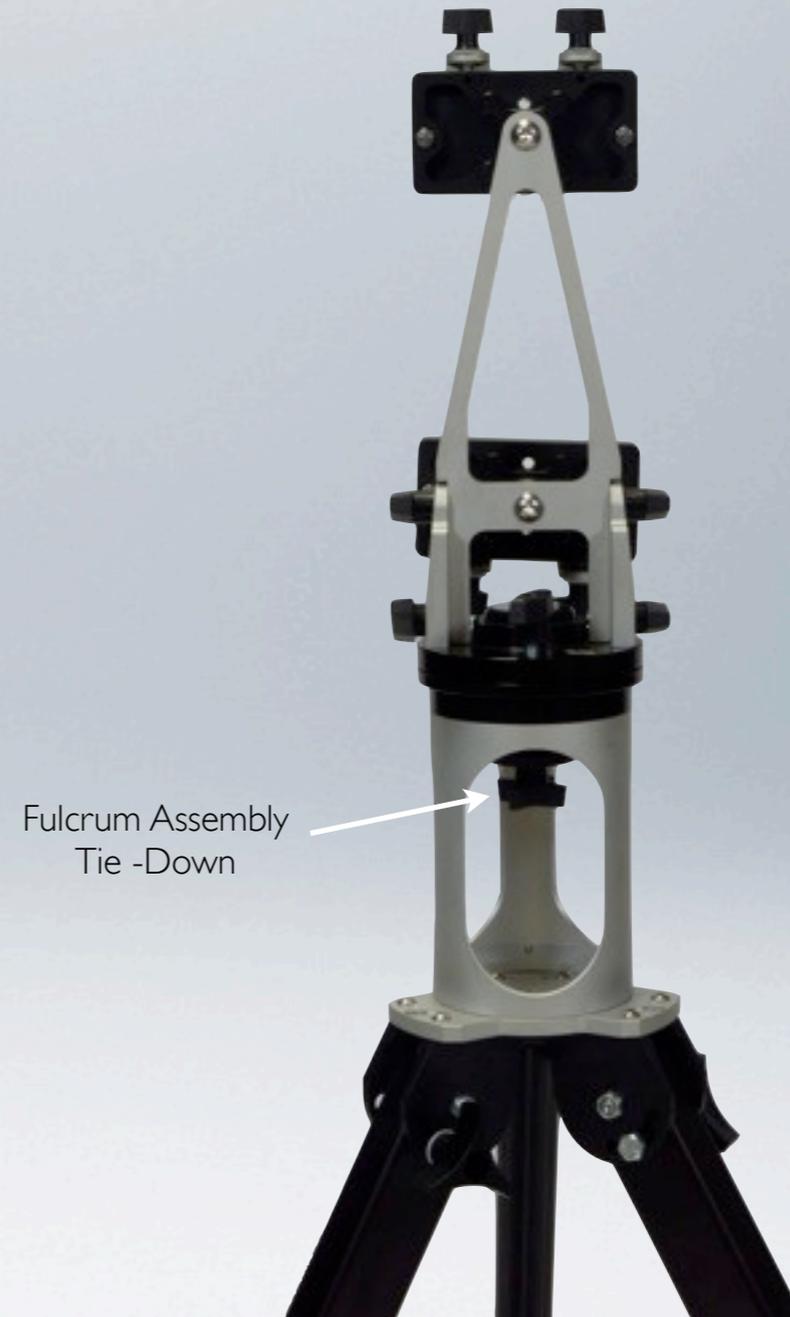
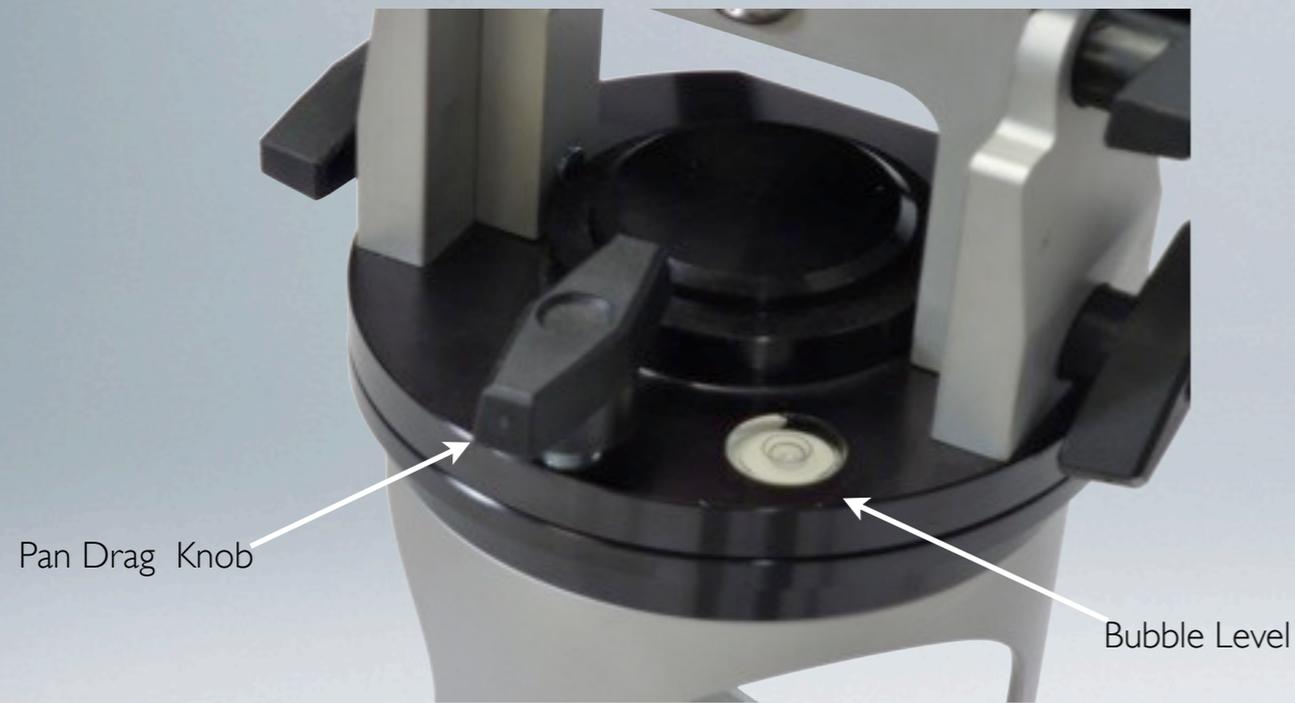
This Explorer Version 2 Tripod combines the 100mm top section from the Version 1 tripod with the leg assembly of our LW Tripod that we use for our heavier jibs. Compared to the original Explorer tripod, it has the advantage of being a normal size tripod that sets up instantly and can be used as an every day tripod for your fluid head. Unlike most 100mm tripods on the market, this has a very robust construction made to support a jib arm, and can easily carrying up to 300 lbs. (136kg.)

This tripod change is the main difference between Explorer Version 1 and Version 2.

Explorer Version 2 Tripod

weighs 14 lbs. (6.3kg.).

STEP 2 -- ATTACH FULCRUM ASSEMBLY TO TRIPOD AND ADJUST TRIPOD LEGS TO OBTAIN LEVEL



STEP 3 -- ATTACH MAIN RAILS TO THE FULCRUM

Of course, we prefer you position the rail with the Porta-Jib logo so that it reads properly.

As pictured,
the front assembly will be on
this side, to the left.



Knobs pointing down

Knobs pointing up

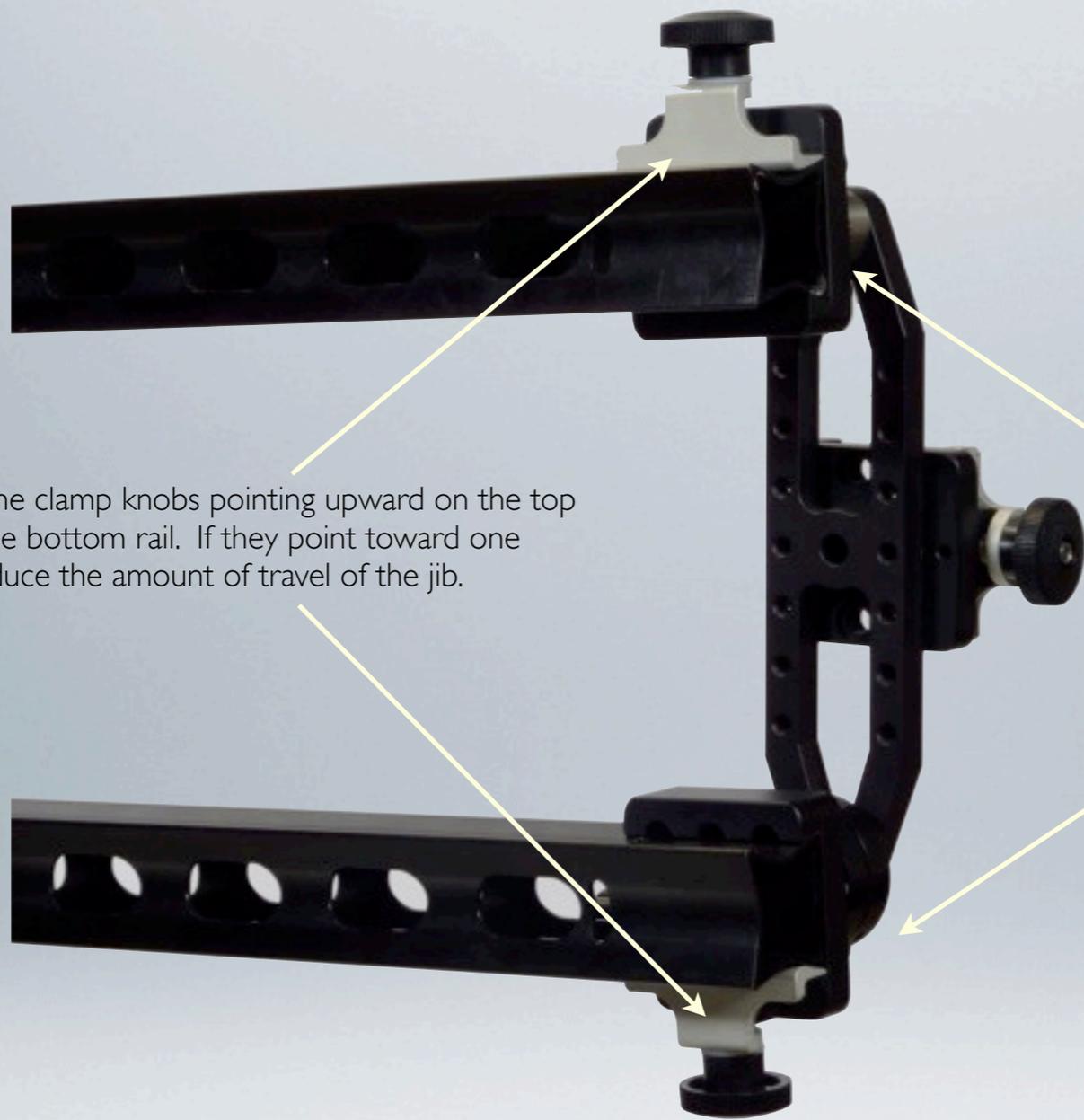
Make sure the knobs are positioned correctly. If the knobs face inward, towards each other, they will limit the travel of the jib.



Make sure the spring loaded pin engages the slot on the rail.
This will ensure safety and alignment.

STEP 4 -- ATTACH FRONT AND REAR ASSEMBLIES TO THE RAILS

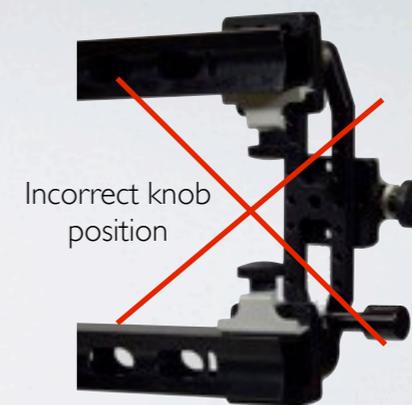




Remember to position the clamp knobs pointing upward on the top rail and downward on the bottom rail. If they point toward one another it will greatly reduce the amount of travel of the jib.

Make sure the front and rear assemblies are mounted on the same side of the rails that the fulcrum clamps are mounted on.

If you are viewing the jib from this side, the front assembly will be to your right.

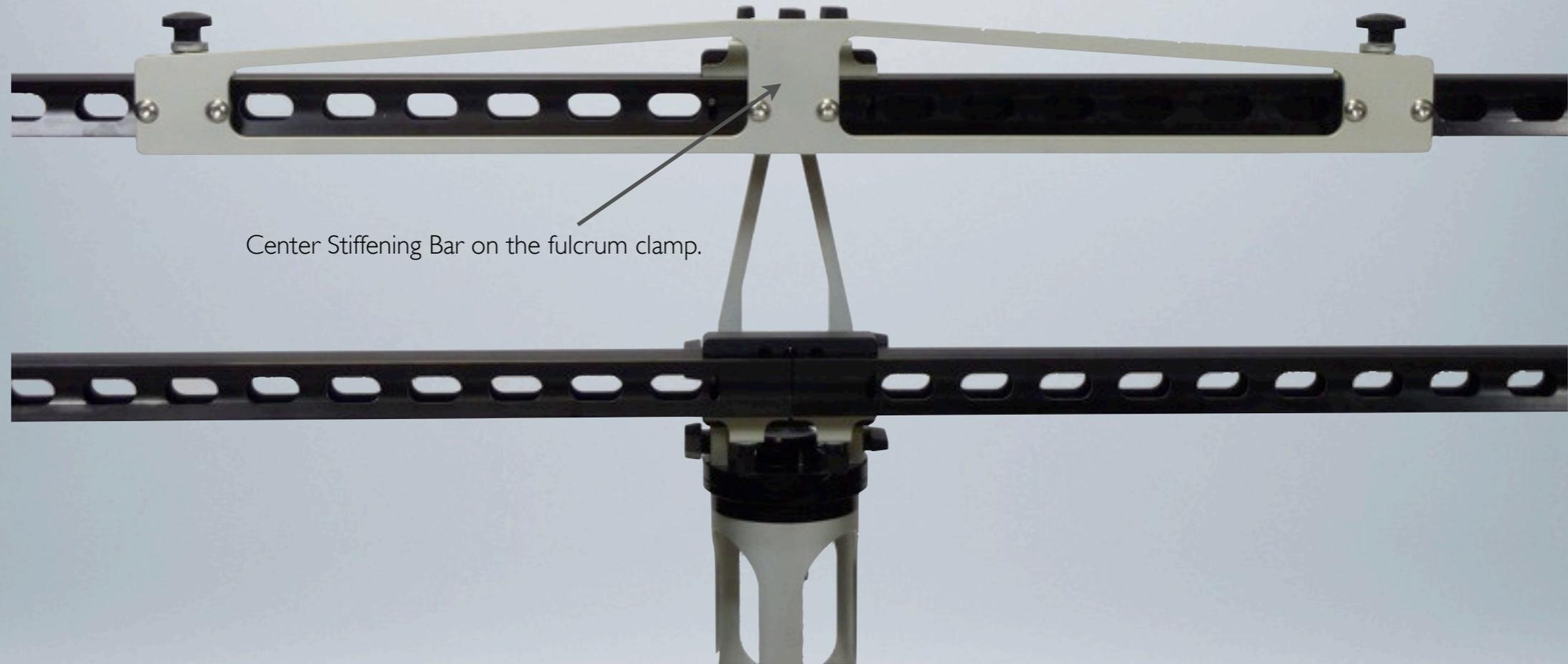




Spring-loaded safety pins

Note that the front and rear assembly clamps have two spring-loaded safety pins. Only one is used. The second is there as a safety so that if you accidentally have the clamp upside down, it will still engage into the safety slot of the rail.

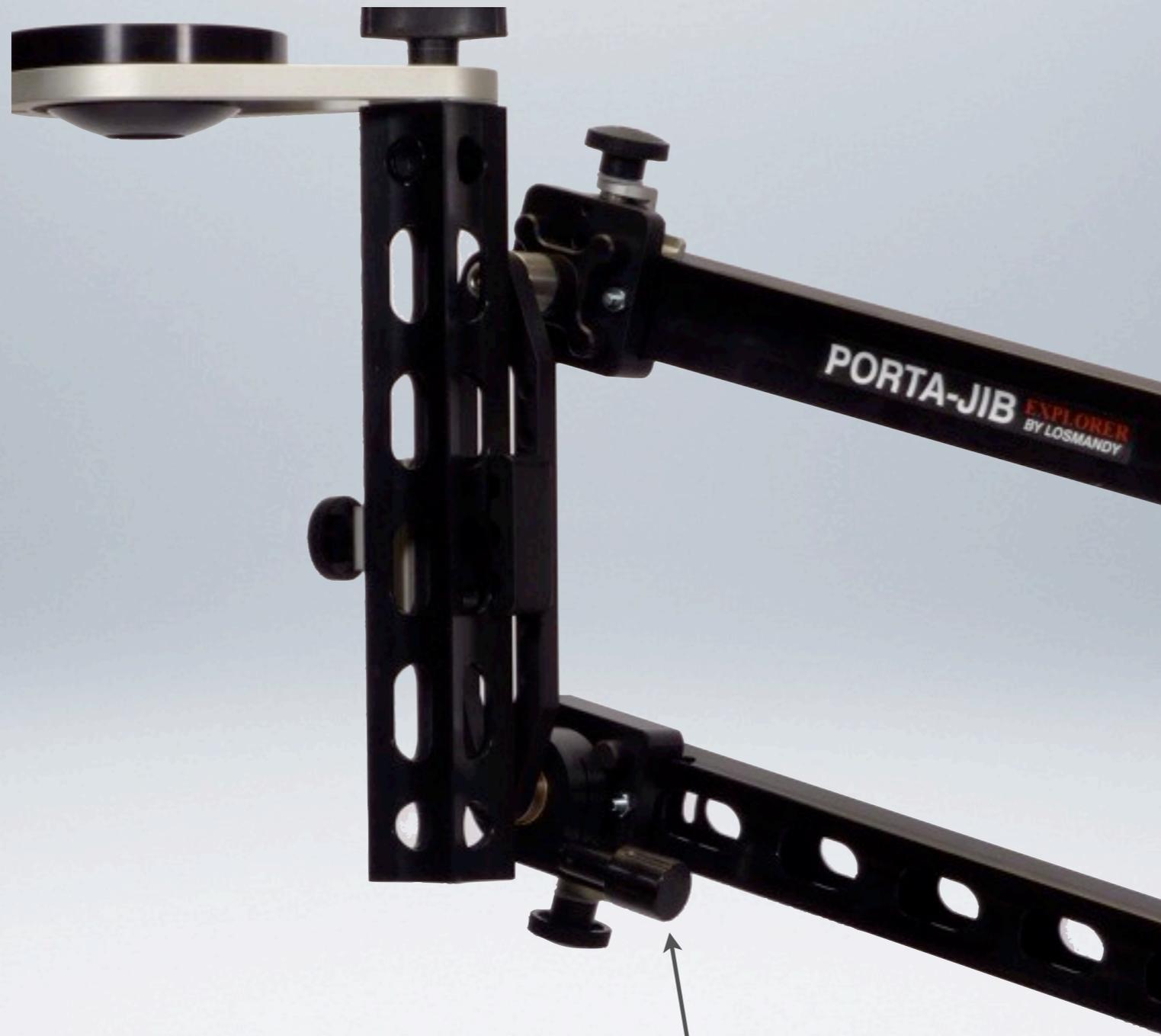
STEP 5 -- ADD STIFFENING BAR TO UPPER RAILS



Center Stiffening Bar on the fulcrum clamp.

Note: If you forget to add this piece before adding the camera to the system, you may have difficulty getting it on because the rails may be bowing slightly under the weight of the camera.

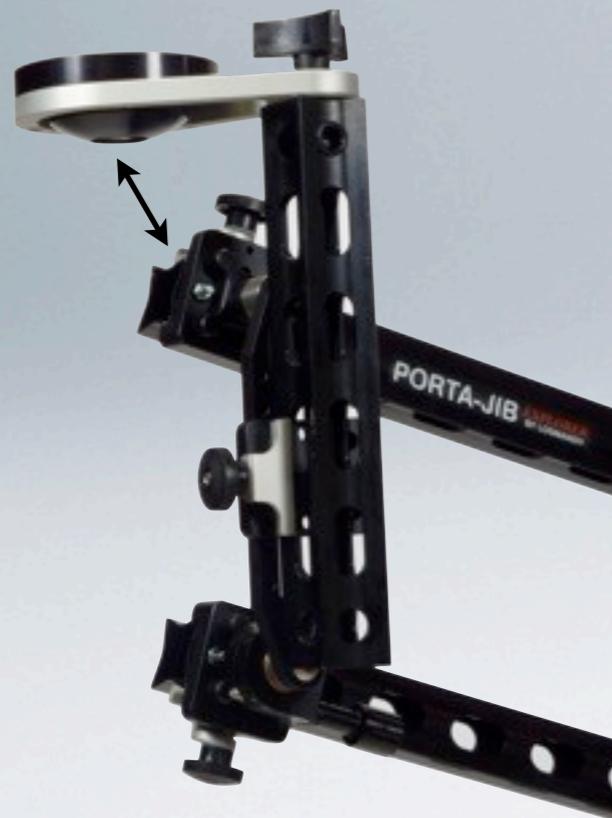
STEP 6 -- ADD 12" FRONT VERTICAL RAIL AND 100MM CUP



This knob applies drag to the vertical boom, and acts as a lock if tightened completely.

Notice that you can position the front 100mm cup in different directions.

For heavier camera systems you will want to avoid applying excess torque, so you will position the 100mm cup like this so that the weight is more in line with the main rails of the jib.



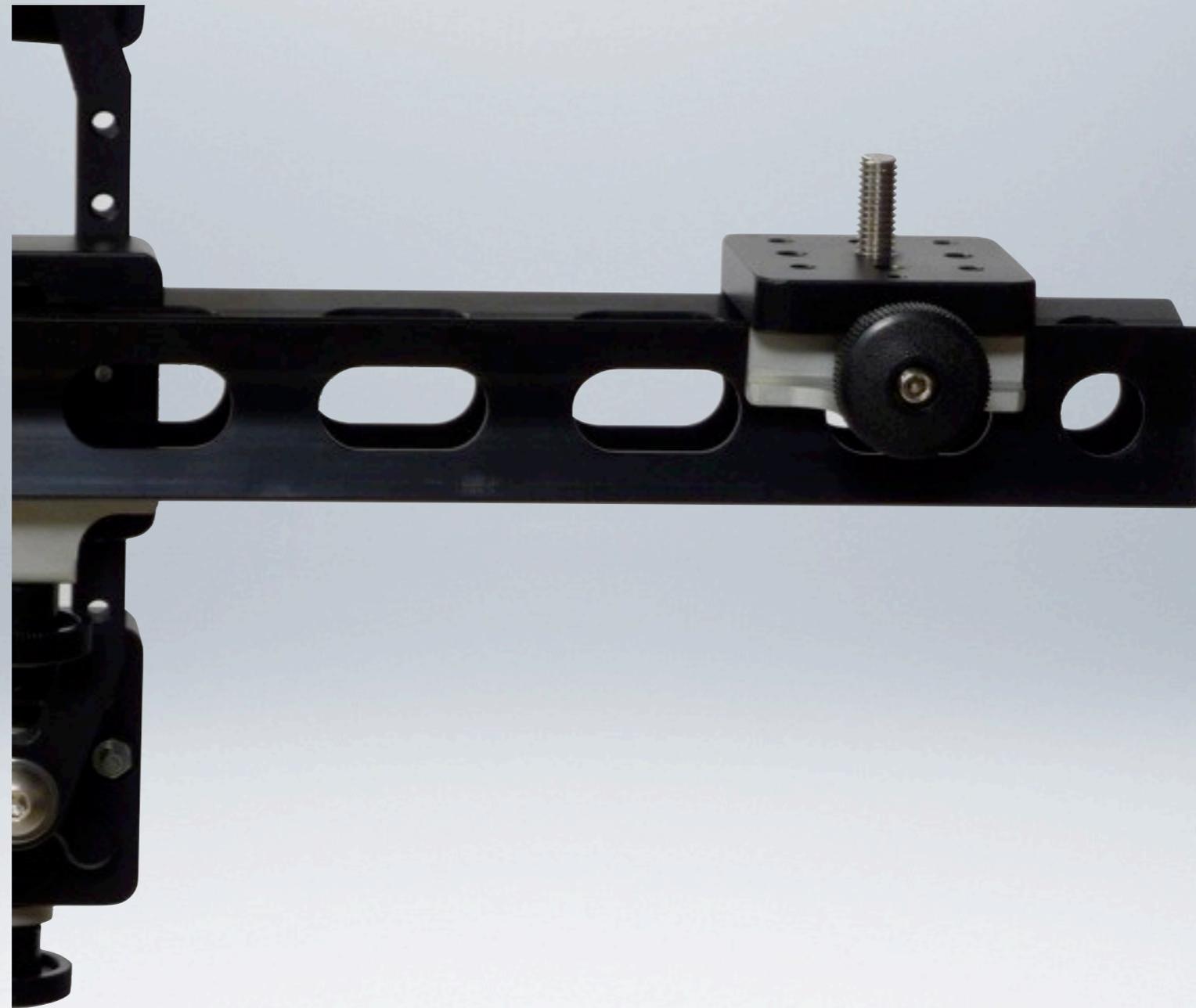
For low angle work, you can invert the 12" rail, and then remove the cup holder and flip it over so the cup is right side up again.

For lighter camera systems you can position the cup outward like this.



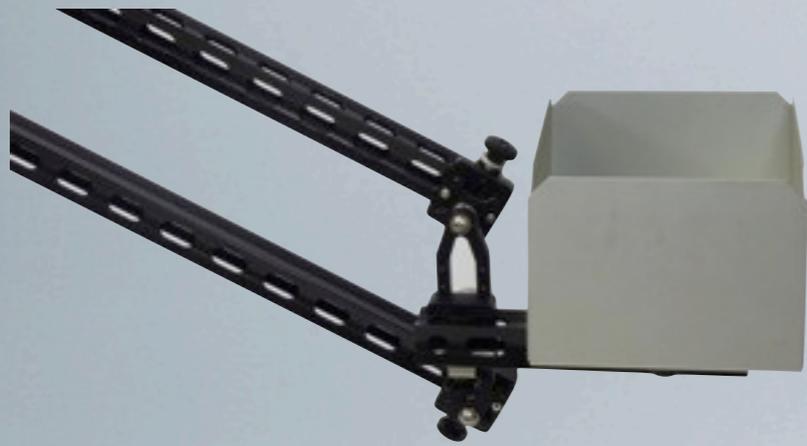
This position gives the pan bar of the fluid head more room to clear the arm itself as you boom up and down.

STEP 7 -- ADD 12" RAIL AND WEIGHT BUCKET CLAMP TO THE REAR ASSEMBLY



STEP 8 -- ATTACH WEIGHT BUCKET

The weight bucket is made of two U-shaped pieces that nest together.
This makes for easy transport and easy cleaning



It attaches to the weight bucket clamp
and is secured with a locking knob.

STEP 9 -- ADD FLUID HEAD TO 100MM CUP

Because the Explorer can obtain a very steep angle, you do not need to support the front assembly while adding the camera system to the front. The steep angle prevents it from tipping.



STEP 10 -- ADD THE REST OF YOUR CAMERA SYSTEM TO THE FRONT



Pictured here is a Canon 7D system with our Balanced Monitor bracket.

STEP 11-- ADD COUNTERWEIGHT AND FINE-TUNE THE BALANCE

A bottle of water makes a good fine tuning weight.
Just remove a little water until balanced.



Another way to fine tune the balance is to use a
wrist or ankle weight. These will tend to slide on the arm,
so you can lock them into place with the trolley stops.

