



CONVERTING TO TROLLEY MODE

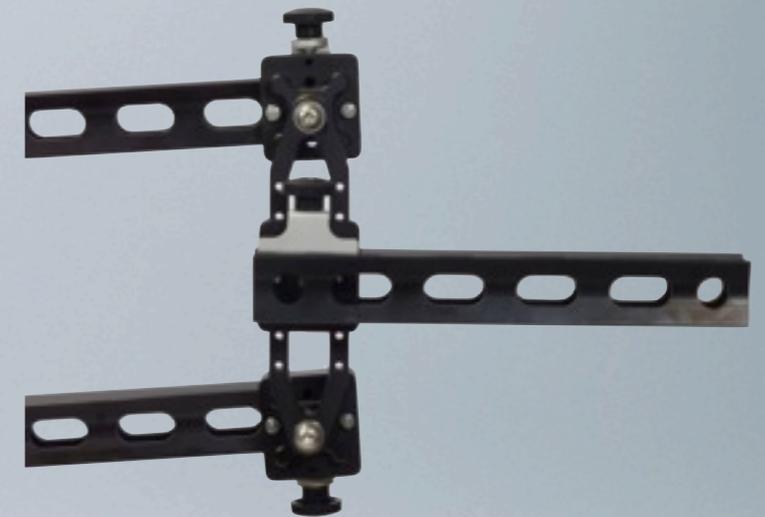
STEP 1 -- REMOVE CAMERA SYSTEM, COUNTERWEIGHTS, FRONT CUP, STIFFENER, AND WEIGHT BUCKET

Remove 100mm cup. This will be added to the trolley.



Center the 12" rail on its clamp.

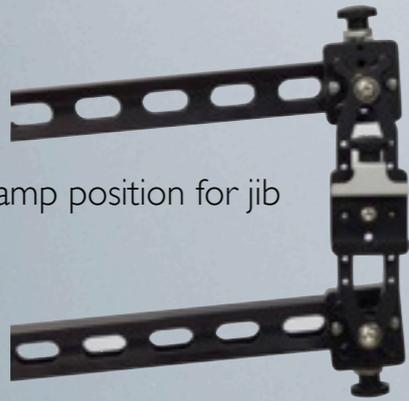
Remove the Stiffening Bar



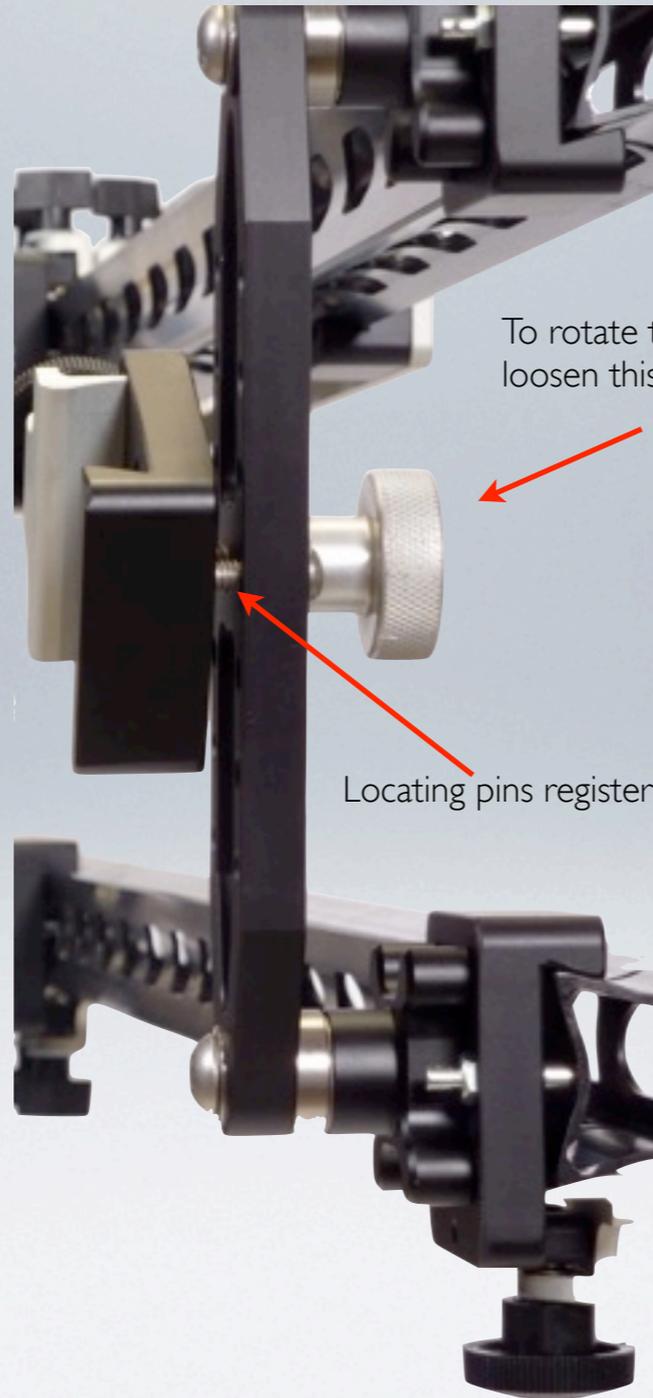
Remove the weight bucket and weight bucket clamp.

STEP 2 -- ROTATE THE REAR 12" BAR TO ITS VERTICAL POSITION

Horizontal clamp position for jib



Vertical clamp position for trolley



To rotate the clamp,
loosen this knob

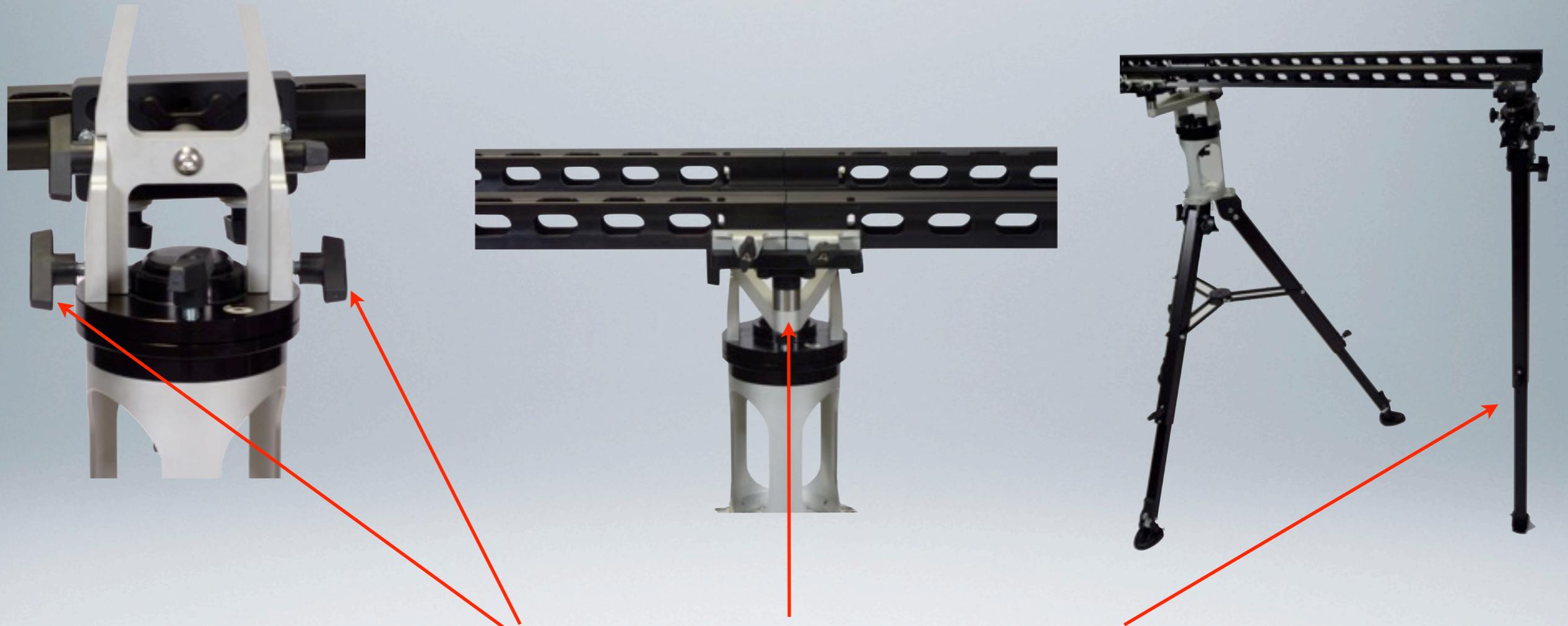
Locating pins register the clamp



Center the 12" rail vertically on the clamp

Trolley Support Option 1

There are two ways to support the rails in trolley mode. The quickest way is to simply flip over the rails leaving the tripod in the center and placing a monopod at each end. However, this does not provide much rigidity to prevent the rails from moving laterally.



Removing these two locking knobs allows the rails to flip over and then you simply add a monopod to each end for support.

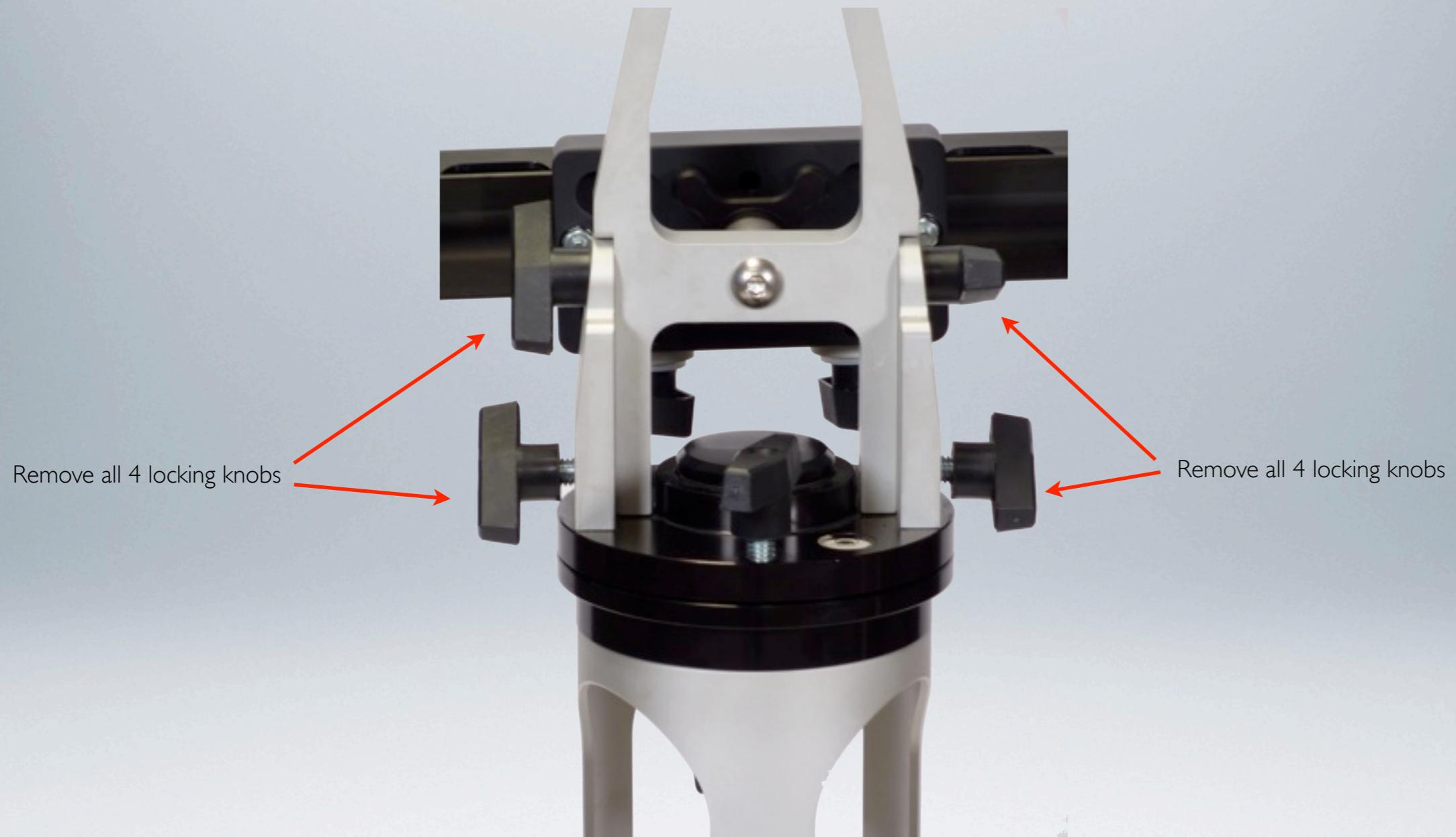
Trolley Support Option 2

A more rigid support is obtained when the tripod is moved to one end, and the monopods are angled at the other end.



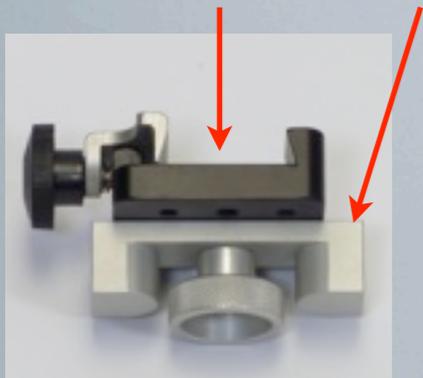
Trolley Support Option 2 -- Step 1

Once knobs are removed, lift out the complete rail assembly as a unit and place it on the ground .

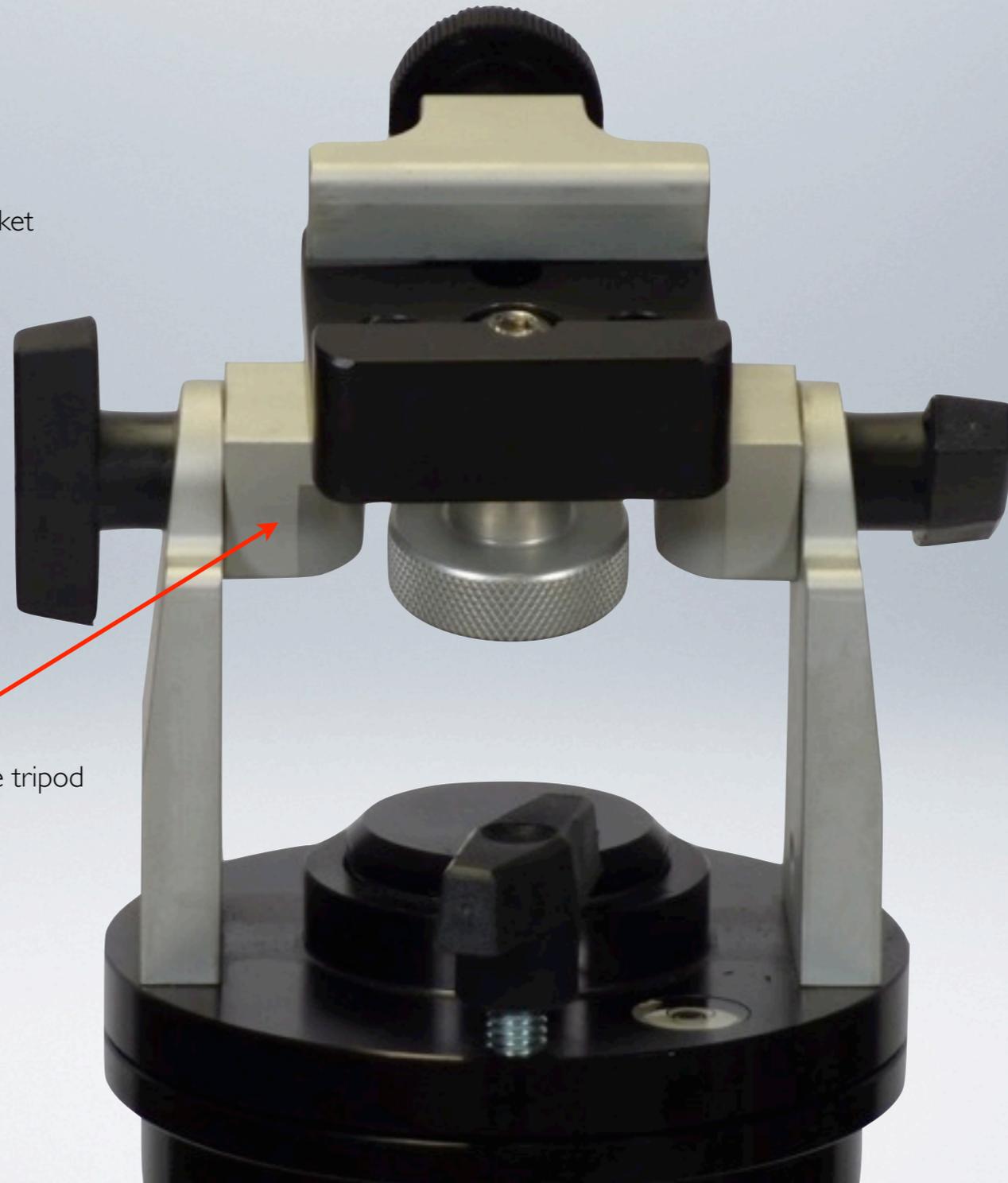


Trolley Support Option 2 -- Step 2

Attach the weight bucket clamp to the U-shaped bracket



Then attach this assembly to the top of the tripod with two locking knobs



Trolley Support Option 2 -- Step 3



Attach one end of the rail assembly to the clamp you just added to the tripod.

Trolley Support Option 2 -- Step 4

Attach two monopods to the other end.



Note: you can adjust the height of the monopods by angling the legs or extending the legs.

Once positioned make sure both sets of locks are securely tightened.

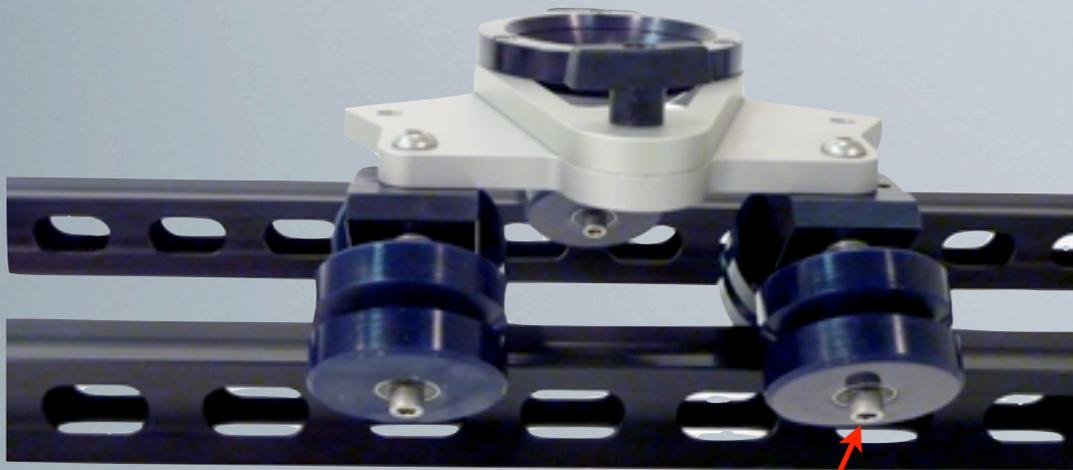


If you want to attach the monopods to the 36" main rails instead of to the 12" cross rails, you can remove the four screws in the clamp and rotate the clamp 90 degrees.

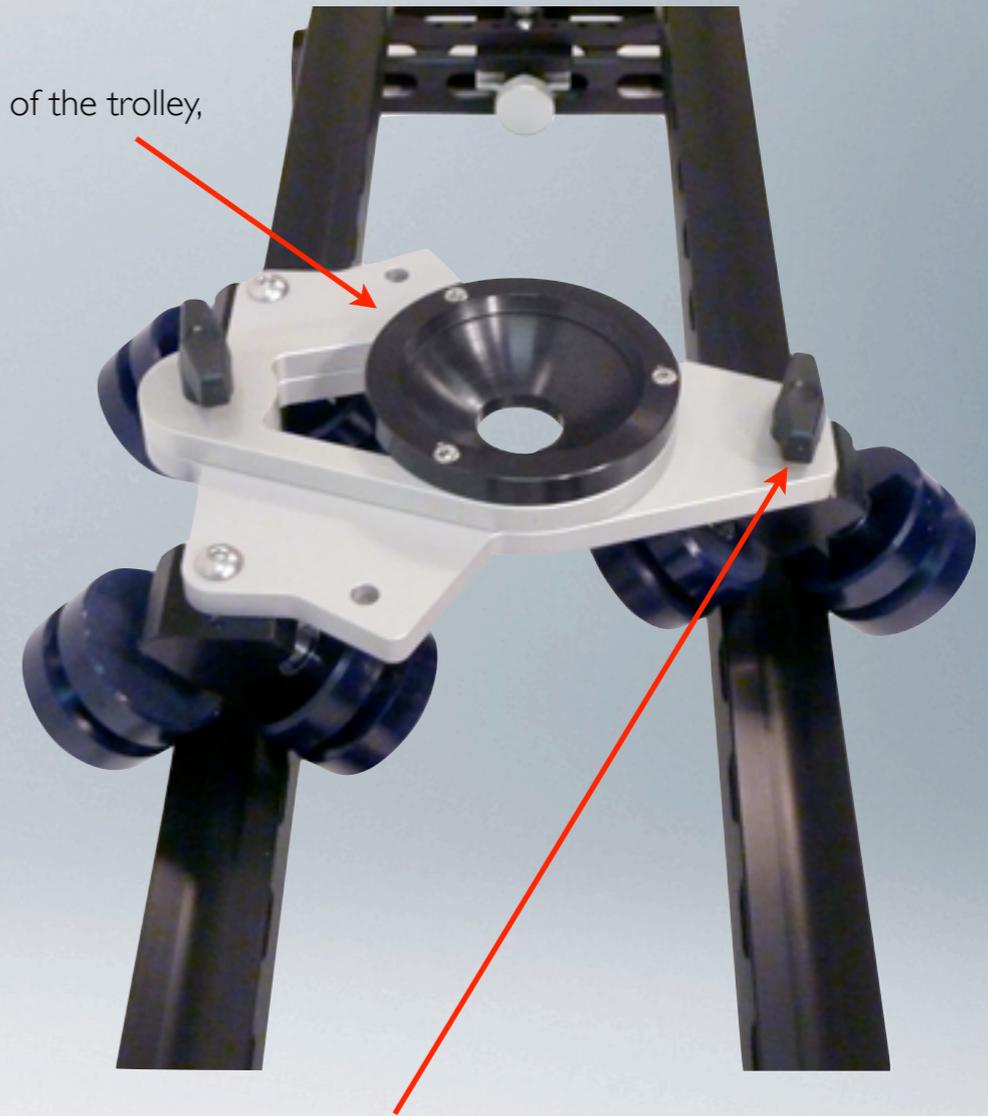
Trolley Support -- Step 5

Attach the trolley to the rails and the 100mm cup to the trolley

Add the 100mm cup from the jib assembly to the top of the trolley,



It is possible to change the tension of each wheel separately by slightly turning the wheel shaft. However, be careful. Making them too loose will defeat the safety purpose of the wheels locking onto the rails. We feel that a certain amount of resistance is preferable to help the trolley make clean starts and stops. You can also apply a silicone spray to the wheels to lessen the resistance of the wheels' contact with the rails. For little or no resistance, you can simply roll the trolley on the top surface of the rails instead of engaging the wheels to the rails. Of course this is less safe since the trolley is no longer locked onto the rails.



Slide the trolley on from one end. The lock pictured here is on a slot which allows you to adjust the distance between the wheel clusters so that they match perfectly the distance of the rail separation. Before mounting onto the trolley, loosen this lock. Once the wheels are engaging the rails properly, lock this wheel.

Do not judge the feel of the trolley before you add your camera weight to the system because this additional load will change the way the wheels contact the rails.

If you feel a bump at the seam between the rails try rotating one set of rails a half-turn. They may then mesh better with the adjoining rails.

Dusty wheels will squeak, so keep them clean.

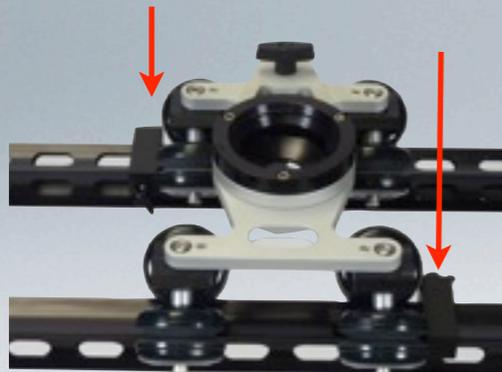
Trolley Support -- Step 6

Add camera assembly to the trolley and end stops to the rails

Place one trolley stop at each end of a rail as a safety.



Another use for these stops is to place them tight against the wheels when you want to do a lock-off shot.

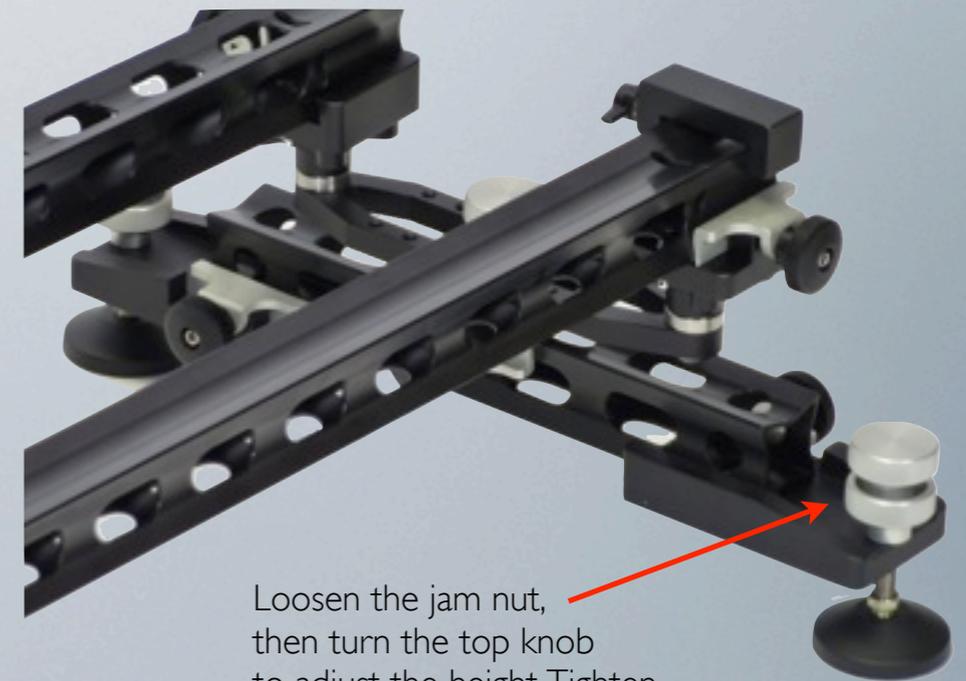


Please note: this illustration shows previous version of the end-stops, the newer end-stops are wider.

Operating tip: With your right hand on the fluid head's pan bar you will be able to control the trolley and the head. As you come into a stop, place your left hand on the wheel cluster closest to you and apply pressure to help feather into the stop. Once stopped, grip the wheel so it can no longer turn. Now you are free to continue a pan/tilt move without the trolley rocking back and forth.



LOW SHOT MODE



Loosen the jam nut, then turn the top knob to adjust the height. Tighten the jam nut when finished.

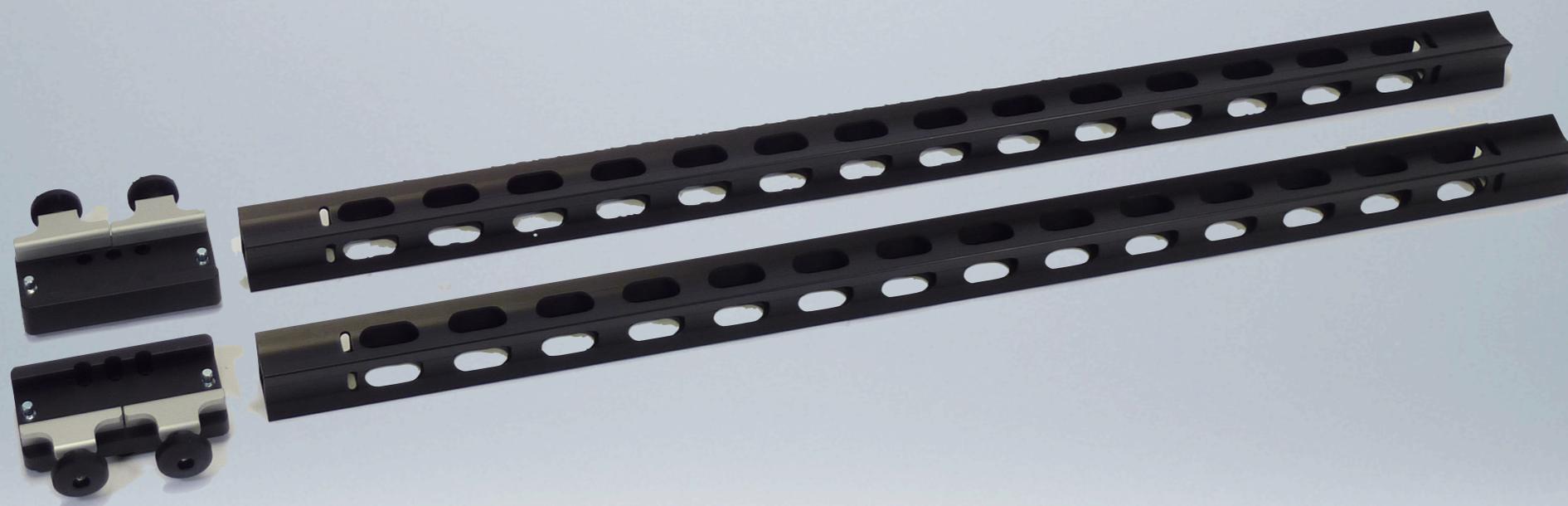


Add the 4 Leveling Feet to the 12" cross supports

Please note: this illustration shows previous version of the trolley

EXTENDING THE RAIL SYSTEM

To extend the Trolley mode another 3 feet to make a 9 foot system, all you need is 2 more Rails and 2 Dual Clamps



We recommend not exceeding 6 feet between support points, however for this 9 foot assembly you actually do not need any more supports. You simply move the tripod support in approximately 18 inches from one end, and the monopods in 18 inches from the other end. Now you have a 9 foot run, but still only a 6 foot span between the supports. The short 18 inch overhang on each end does not need any additional support. Of course, to go to 12 or 15 feet , or more, you will need more supports.

Warning: for those buying the additional rails for the Trolley Mode, be aware that *we do not recommend using these rails to extend the Explorer in Jib Mode.* The jib is not strong enough for this, nor is the weight bucket large enough to contain the amount of weight needed to balance the increased leverage that using these rails would create. However, for a simple high angle shot, it is possible to attach one of these rails to the front 12" rail with one of the dual clamps which would then raise the camera 3' higher straight up without increasing the leverage, and therefore would need only a minimal addition of weight to the back.