

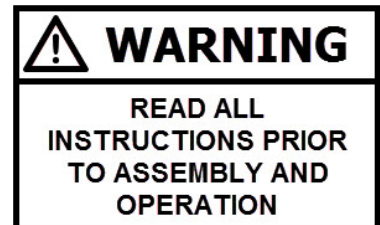


250 Augusta Avenue - Suite 204
Toronto, Ontario, M5T 2L7
Canada

(647) 879-7837

info@studiotitanamerica.com

studiotitanamerica.com



CAUTION: Use leather work gloves and safety glasses when handling the box, when opening the box and when assembling the product.

HAZARD: Strapping is under tension and can jump when cut. Strapping and Buckles, Protective Edging, Plastic Walls, Plastic Caps and Product Components and parts should be handled with care. Work slowly, use extra caution to avoid any sharp edges.

Additional Tools may be Required: The essential tools are included. The following tools are recommended to be on site: Box Cutter, Scissors, Screw Driver, Pliers or Adjustable wrench, Metric Hex / Allen Key set





Transit Damage:

Each package is inspected prior to being shipped from the warehouse to insure that is in perfect condition. The column shipping boxes are constructed using extra thick cardboard. Some packaging includes engineered plastic walls, end caps and banding. The columns are packed using engineered plastic walls and in dense foam to protect and absorb energy from reasonable drops and impacts. The column packaging is designed and drop tested from approximately 5 feet [1.5 Meters] without sustaining any internal damage. The packaging is crush tested using a 660lb [300kg] weight placed along the long side of the box without sustaining any internal damage. If handled without care the boxes will show signs of transit damage. Wearing work Gloves, while following the Assembly Steps, carefully inspect the contents inside the boxes. Specifically the Vertical center column top cap pulley should be securely fastened to the top of the Vertical center column as shown on the [component identification] page. In the base, the transportation counterweight securing strap should be secured to the counterweight. [See Diagram: E] If anything seems unusual, !!!STOP!!! Send images to: info@studiotitanamerica.com for a second opinion. If there are damaged OR Loose parts, do not assemble the stand, you may injure yourself. If the damage is noticeable such as cracks or loose or broken parts contact your dealer for exchange. If the damage is minor or cosmetic and does not compromise the safe assembly or operation of the stand send images of the parts that are affected to: info@studiotitanamerica.com. We will make arrangements to provide you with replacement parts to restore the stand to new condition.





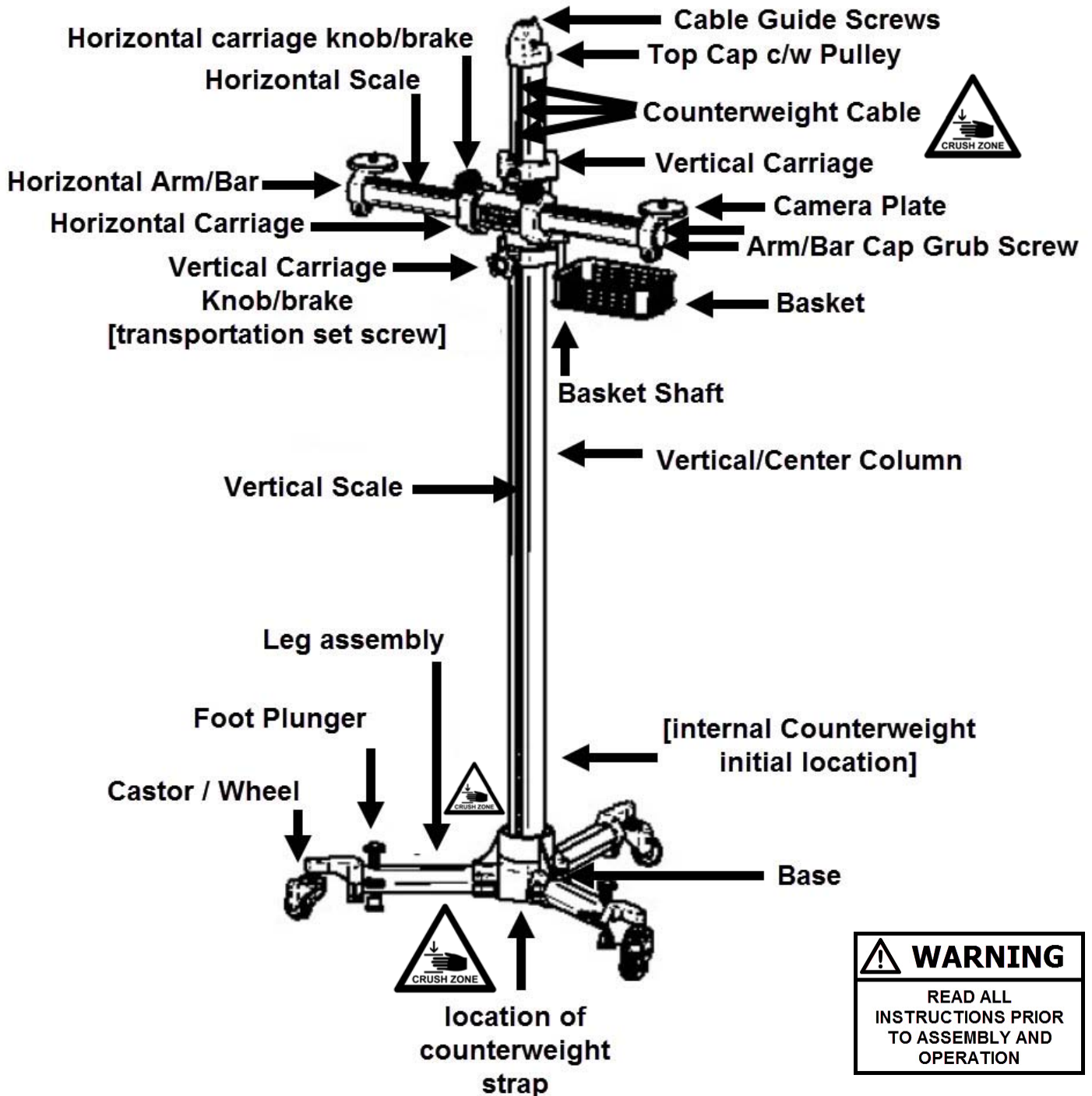
Intended use:

This product is intended for use by professional and commercial photographers in a studio environment with a high ceiling. The wheels are designed to be used indoors on a floor that is smooth, hard, flat and unobstructed. The Studio Stands with internal counterweight are designed to be used at all times with a load (Camera or laptop shelf or both). **CAUTION:** This product is not recommended for use by hobbyists or in a household environment with a low ceiling or carpeted floors. Carpeting or pitted surfaces are not recommended because of the increased rolling resistance which can cause the stand to tip over. If the surface is not ideal, the stand must be moved with **CAUTION**, very slowly, using both hands one at the top and the other at the bottom to steady the stand in order to prevent the stand from tipping over. If the surface is not ideal, lower the load to waist level before moving the stand. We also recommend the use of a sandbag or weight attached at the base when conditions are not ideal to prevent tipping over. Ultimately it's the users responsibility to understand how the stand operates and to use the stand within its specification limits, as intended to insure their own safety and the safety of their equipment. It is also recommended to use a short tether cable to secure the camera to the stand in the event that the head, head plate, attachment stud or camera adapter plate comes loose or fails. Some assembly is required, we recommend using an assistant during the initial product assembly. Please read all documentation prior to assembly.



Component Identification: STA 01-360

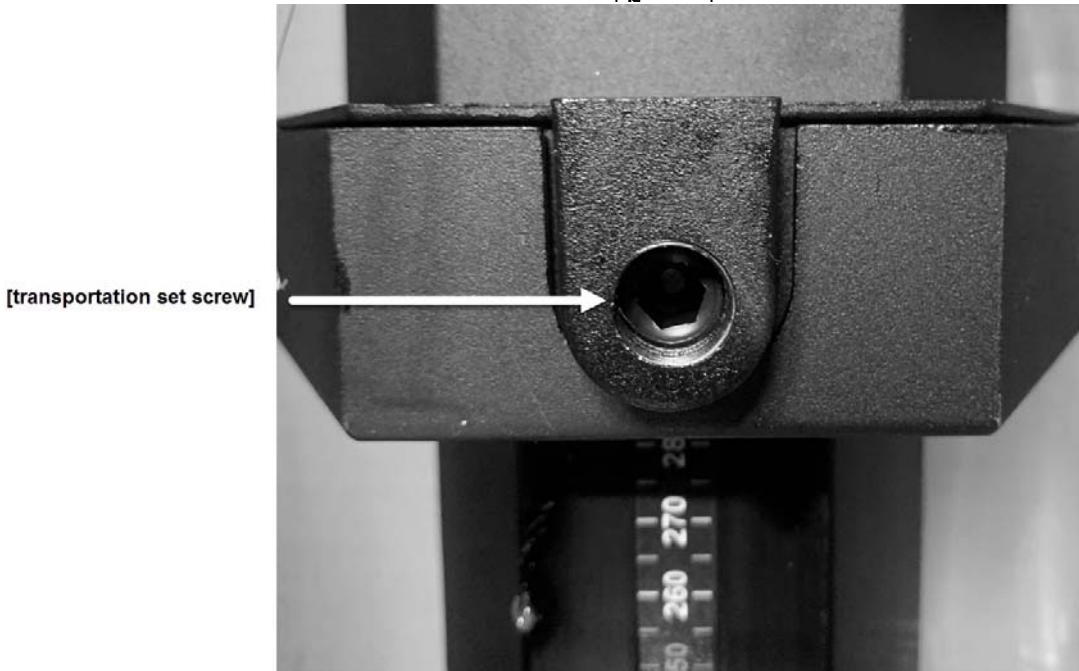
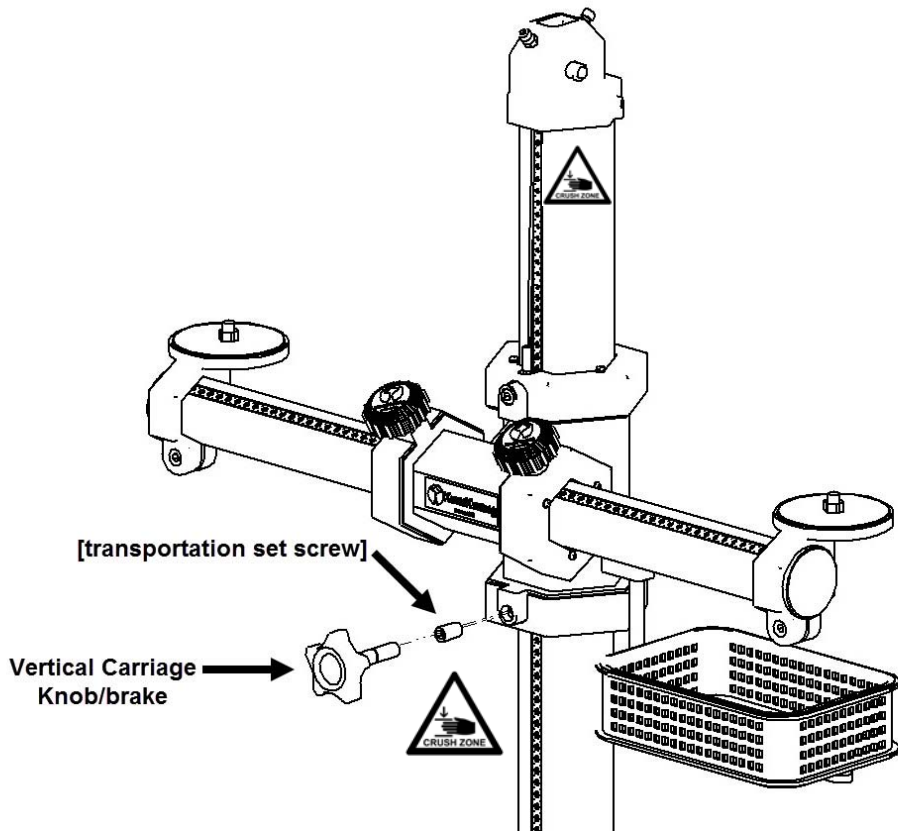
STA 01-360



⚠ WARNING

READ ALL INSTRUCTIONS PRIOR TO ASSEMBLY AND OPERATION

Component Identification: STA 01-360



⚠ WARNING
READ ALL
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OPERATION



Assembly Steps:

1 Wearing Gloves and together with your Assistant...Wearing GlovesPlace the Column Box [long rectangular box] flat on floor. Place some packing materials on th floor. Do not remove and stand the Vertical/Center Column vertically. Remove the Vertical/Center Column and Lay the Vertical/Center Column flat on the floor. Under the Base, Visually inspect and Confirm that the Counterweight strap is present securing the counterweight to the counterweight stop pin. [See Diagram: D] Do NOT remove the Counterweight strap until advised later. If the strap is present proceed to step 2 with assembly. If NOT, then follow instructions below:

If Counterweight strap is NOT present: the counter weight is loose and can move inside the column. Do not stand the column vertically. Stop the SET-UP and Contact us through the Studio Titan America website for further instructions. Please email: info@studiotitanamerica.com with the best phone number to reach you. We normally respond within 24hrs, during weekdays.



Assembly Steps:

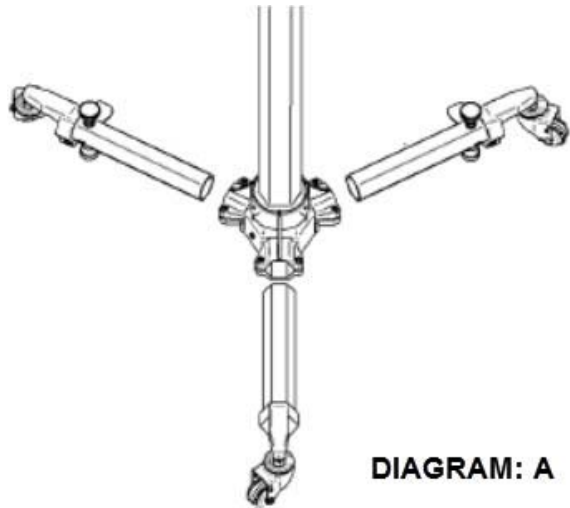
2 Attach the three Leg Assemblies to the base. [See Diagram: A] The Hex Key tool is supplied and fasteners are supplied attached to the Base. Use the supplied Hex Key Loosen the fasteners, insert the legs and then re-tighten by hand. Note: two of the leg assemblies are supplied with foot plungers. To have direct access to the foot plungers you will want to install the foot plungers facing the operator or on the same side of the stand that the Horizontal and Vertical scales face. [If the floor is polished or on an angle consider ordering a third leg assembly with plunger. This is a special order, please email info@studiotitanamerica.com for additional information].

3 Wearing Gloves, using a screw driver, remove the counterweight transportation securing band. [See Diagram: D] **!!!CAUTION!!! DO NOT INSERT OR PUT FINGERS INSIDE THE BOTTOM OF THE VERTICAL COLUMN OR BEYOND THE COUNTERWEIGHT PIN. THE COUNTERWEIGHT IS HEAVY AND CAN INJURE YOUR FINGER.** [See Diagram: E]

4 Locate and identify the counterweight cable from the component identification page. **!!! CAUTION!!! AVOID CONTACT WITH THE COUNTERWEIGHT CABLE AT ALL TIMES. CAUTION MUST USED TO AVOID FINGER OR HAND INJURY DURING SET-UP AND NORMAL OPERATION.** The counterweight cable may become frayed during transportation or normal use. When frayed, stop using the stand and immediately replace the cable. Cable strands that separate may become sharp.

 **WARNING**

READ ALL INSTRUCTIONS PRIOR TO ASSEMBLY AND OPERATION



Assembly Steps:

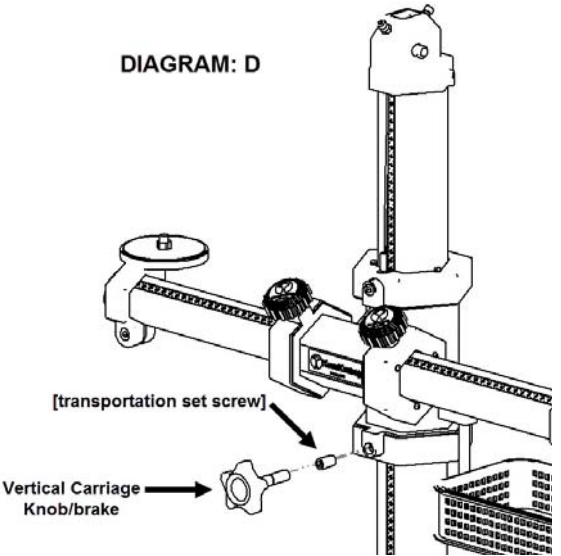
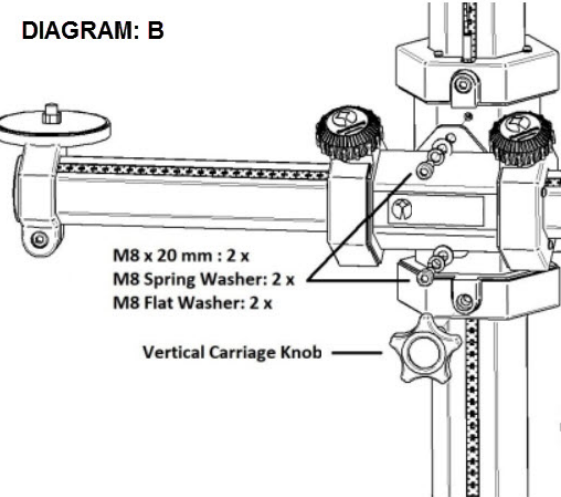
5 Together with your Assistant...Wearing Gloves
Carefully, Slowly raise and lift until the Vertical/
 Center Column until it is standing freely on its
 wheels.

6 Locate the M8 Hex Wrench. Remove the two
 M8 x 20 bolts from the Vertical carriages. [See DI-
 AGRAM: B] Locate the Horizontal Arm/Bar Car-
 riage Assembly See [component identification]
 page. Together with your assistant. Have your
 assistant hold the Horizontal Arm/Bar Carriage
 Assembly in place while you fasten it with the two
 M8 x 20 bolts. Note the order [See DIAGRAM: B]
 [Bolt, Spring washer and then Flat washer]. Hand
 tightening with the Hex Wrench is recommended.
 If you have a torque wrench tighten the M8 bolts
 to 45Nm or 33 lb/ft not more.

7 Locate the M6 Hex Wrench. Locate the loose
 Vertical / Brake Knob. Locate the location of Verti-
 cal Carriage / Brake Knob See [Transportation
 Set Screw] [See DIAGRAM: D & B]. With the M6
 Hex Wrench Remove the transportation set screw
 and replace with Vertical Carriage / Brake Knob.
 Turn the Vertical Carriage /Brake Knob fully Clock
 Wise to secure the vertical carriage in the upper
 most or “parking position” [See DIAGRAM: D & B]

! WARNING

READ ALL INSTRUCTIONS PRIOR TO ASSEMBLY AND OPERATION



Assembly Steps:

8 Locate two M8 Hex wrenches. Locate the Basket. Locate the Basket Shaft, See [component identification] page. With the first M8 hex key hold the M8 bolt at the top of the Basket shaft. With the second M8 hex key loosen the M8 bolt at the bottom of the Basket shaft. Attach the Basket to the Basket Shaft. Note the order of fastener connection: [Bolt, Flat washer, Basket Plate, Flat Washer]. [See: Component Identification page and DIAGRAM: C]

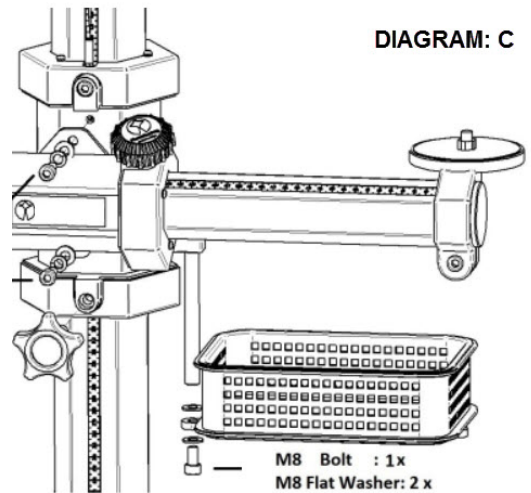
9. CAUTION: [Only with the Horizontal Arm/Bar in the upper most position “parking position”.] Slowly release the Vertical Carriage Knob/brake by turning it Counter Clock Wise. This will release the vertical carriage allowing it to travel freely up and down the Vertical Center / Colum. Confirm that the Vertical Carriage is free to move in both directions while using both hands to hold the Horizontal Arm/Bar. Turn the Vertical Carriage Knob/brake fully Clock Wise to secure the vertical carriage.

10. Locate the Two Horizontal Carriage Knob/ Brakes, See [component identification] page. Turn the Horizontal Carriage Knob/Brake Counter Clockwise to release and confirm that the Horizontal Arm / Bar is free to move left and right.

STOP SET-UP— Read below— GO TO STEP 11
 If anything seems unusual or if the vertical carriage is not moving freely up or down. Stop Set-up and send a few images of the stand to:
info@studiotitanamerica.com for assistance.

 **WARNING**

READ ALL INSTRUCTIONS PRIOR TO ASSEMBLY AND OPERATION





Use & Maintenance Steps:

11 HAZARD: Stop and take a moment to understand the effect of the counterweight. HAZARD: The counterweight forces the vertical column to travel towards the top of the Studio Stand. Without a load [Camera, laptop, etc] on the horizontal Arm/Bar it can travel quickly towards the top of the stand. HAZARD: Never use the stand without a load [Camera, laptop, etc]. Always securely “Park” the Vertical Carriage by Turning the Vertical Carriage Knob/brake fully Clock Wise before and after re-positioning or before the stand is unloaded [removing Camera, laptop, etc].

12 HAZARD: Work in such a way so your always standing behind or in front of the stand so that you always stand clear of the Horizontal Arm/Bar and accessories. Take extra notice of your body position when you are releasing the Vertical Carriage knob. With your free hand apply a downward force to the Horizontal Arm/Bar Simultaneously as you release the Vertical Carriage knob.

13 Storage: Store with Vertical Carriage either in the upper most “Parking Position” with the load removed or store the Studio Stand with a weight or sandbag on the Horizontal Arm/Bar to counteract the effect of the counterweight, in the event that non-trained personal attempt to use the Studio Stand. Train all Studio personal prior to operating the Studio Stand.

14 Re-tighten all fasteners AGAIN. Re-tighten fasteners after the first shoot. Tighten yearly.

 **WARNING**

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Theory of Operation:

A studio stand is used by professional and commercial photographers to capture images accurately with repeatability. It provides a rigid and stable platform essential for High Resolution Sensors used in DSLR, Medium Format and Large Format cameras and imaging systems. A studio stand reduces vibrations that are present when shooting hand held. Reduced vibration increases image sharpness. It enables the photographer to focus on subject matter and image composition instead of hand holding the camera. It provides creative shooting options using heights and angles that are unachievable when hand holding a camera. It provides the foundation stone that enables the photographer to develop their own technical workflow. As the workflow evolves to include advanced imaging practices, the results can be seen as sharper images.

With an adjustable camera head the user can accurately set up the camera to maintain camera to subject flatness of field in both the vertical and horizontal planes of travel. The flatness of field is maintained as the user moves the stand both vertically and horizontally eliminating perspective distortion.

Shooting tethered with the optional laptop shelf, reduces floor cabling and allows the photographer to immediately confirm both focus and lighting.

A Studio Stand reduces user fatigue. The internal counter balance offsets the weight of the camera and computer. Allowing the user to easily move the camera and computer up and down and left and right using only one hand. This promotes good body ergonomics which can prevent tennis elbow.



Tip Over Hazard:

Caution must be used when moving the stand to prevent tip over. Move the stand slowly and avoid uneven surfaces as well as low and high level objects. Additional caution must be used when the Horizontal arm with load (Camera or Laptop Shelf) is used in the upper area above the midpoint of the stand.

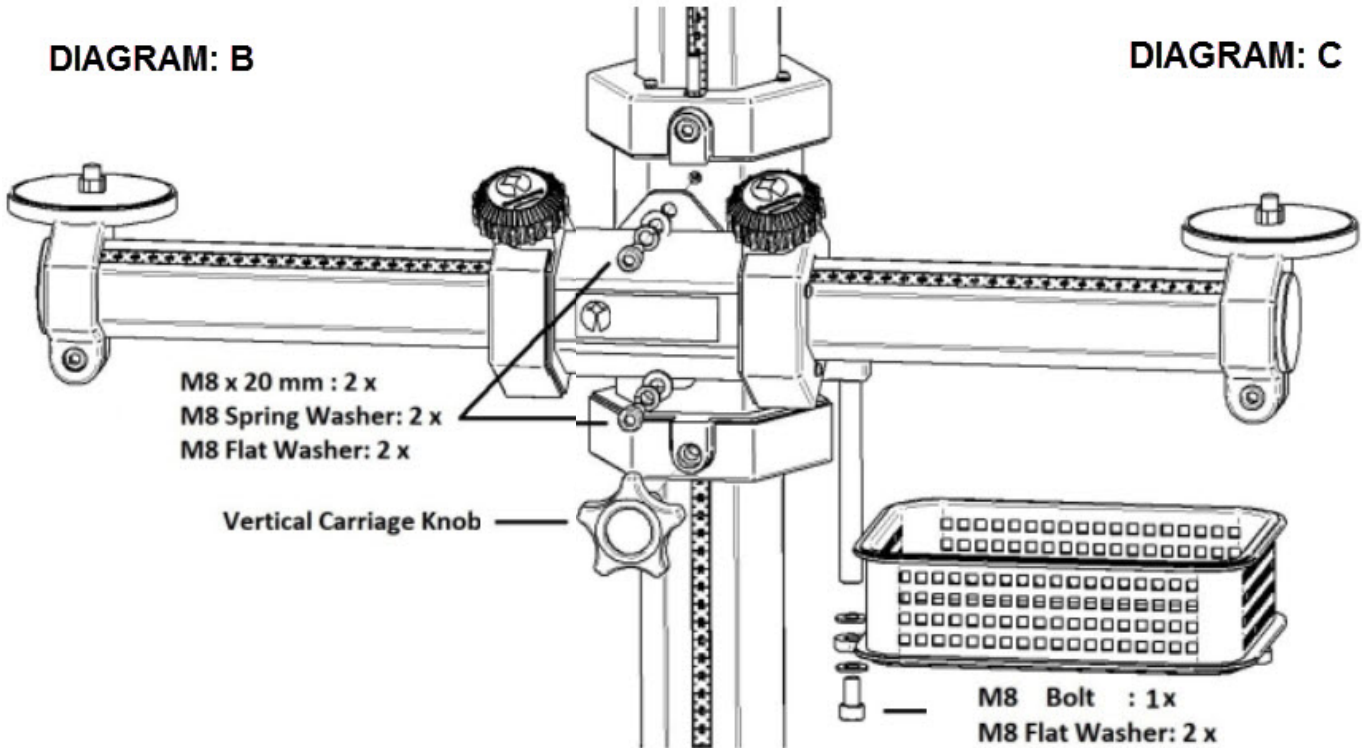
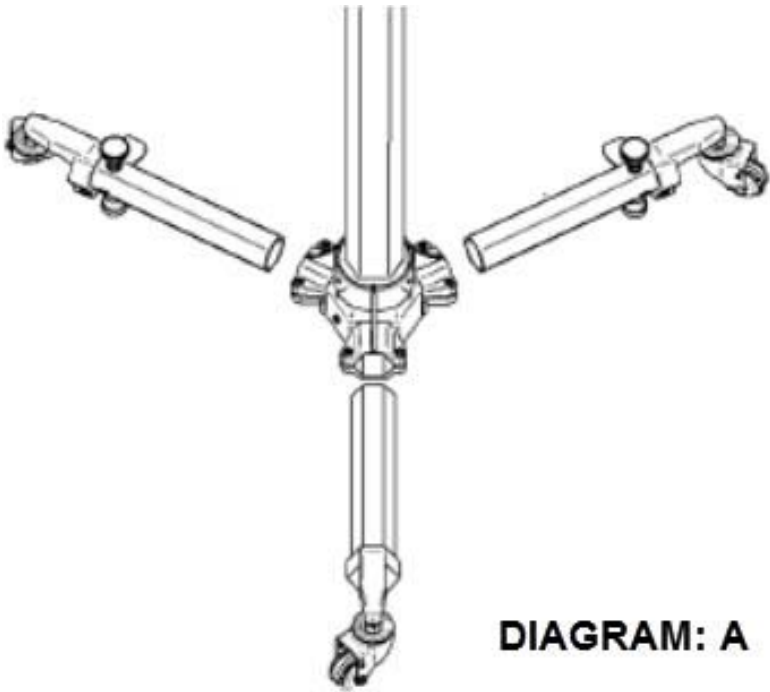


Counterweight Hazard:

The Horizontal Arm/Bar is connected to a counterweight located inside the Vertical Center/Column. Caution must be used at all times when using the Horizontal Arm/Bar. The Vertical Carriage Knob/Brake must always be tightened to lock the Horizontal Arm/Bar in place. Without a load on the Horizontal Arm/Bar it can accelerate upwards quickly. When releasing the Vertical Carriage Knob/Brake stand clear of the arms path of movement, firmly hold the Horizontal Arm/Bar applying pressure downwards. Stand back to avoid contact with the Horizontal Arm/Bar when unloaded. Do not remove the load when the Vertical Carriage Knob/Brake knob is released or turned CCW. Unless repositioning the Vertical Center/Column intentionally the Vertical Carriage Knob/Brake must be fully engaged (turned fully clockwise). Store with Vertical Carriage either in the upper most "Parking Position" with the load removed or store the Studio Stand with a weight or sandbag on the Horizontal Arm/Bar.

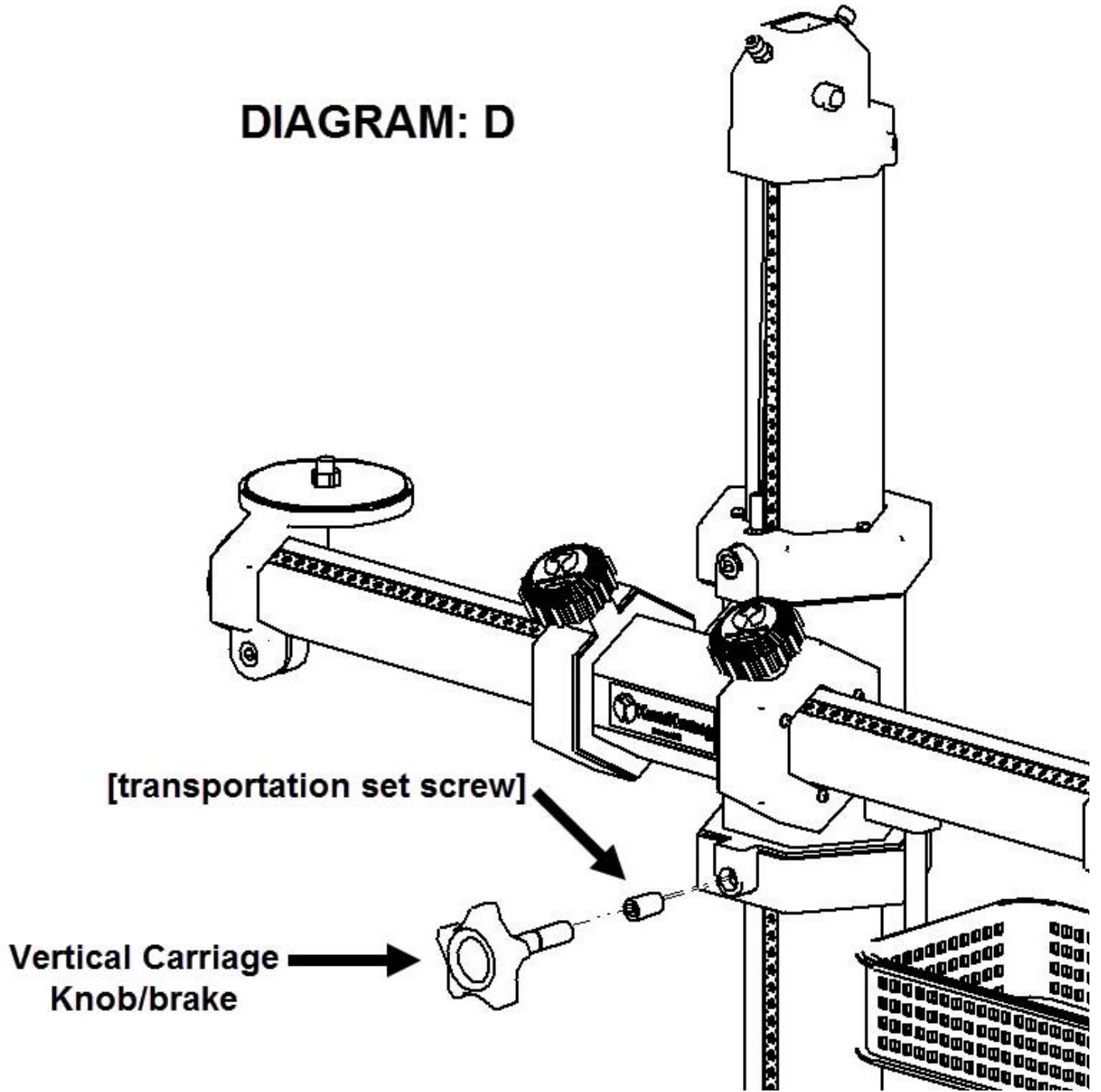


Assembly Diagrams:



Assembly Diagrams:

DIAGRAM: D



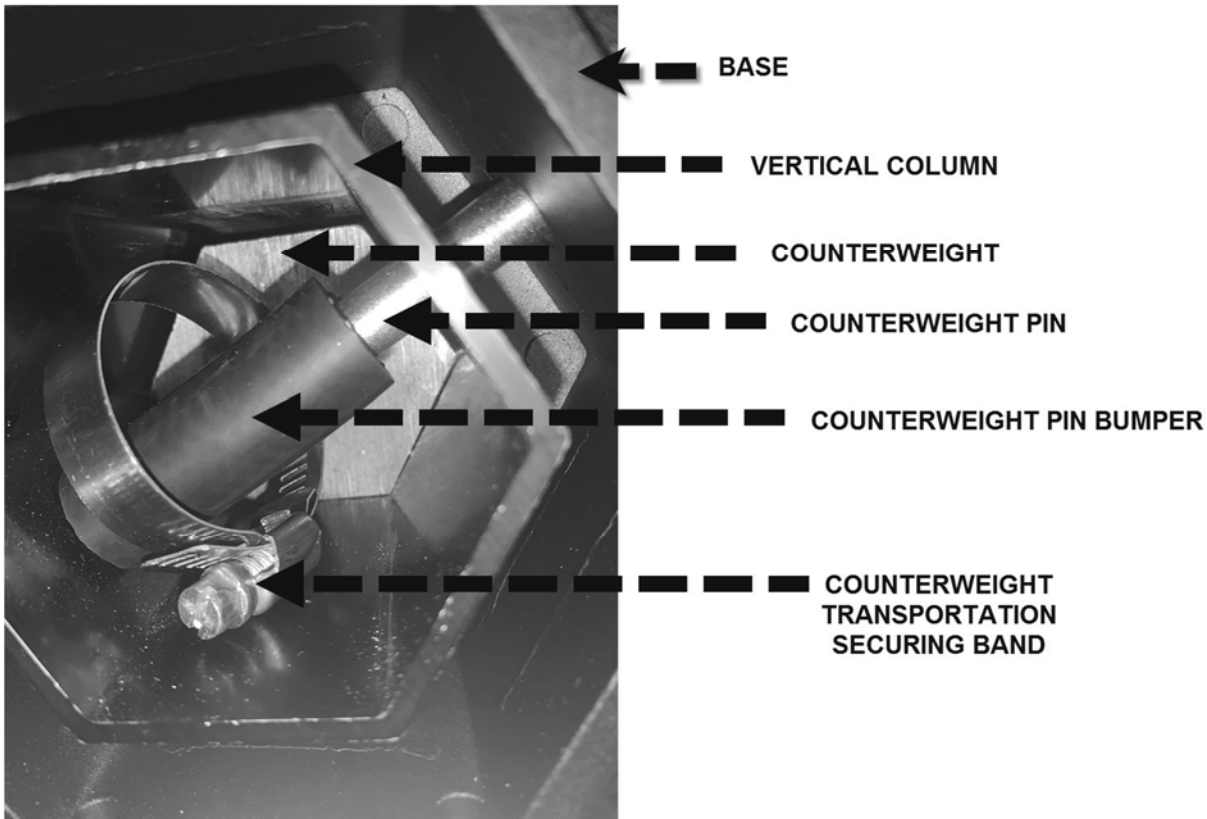
Assembly Diagrams:

DIAGRAM: E

!!!CAUTION!!!
 DO NOT INSERT OR PUT FINGERS INSIDE THE BOTTOM OF THE VERTICAL COLUMN OR BEYOND THE COUNTERWEIGHT PIN. THE COUNTERWEIGHT IS HEAVY AND CAN INJURE YOUR FINGER. DURING SET-UP, PLACE THE 01-360 LYING DOWN OR HORIZONTALLY ALONG THE FLOOR WHEN REMOVING THE COUNTERWEIGHT TRANSPORTATION BAND.



THE IMAGE BELOW IS OF A 01-360 VERTICAL COLUMN AS VIEWED LOOKING UP FROM THE GROUND INTO THE BASE.





STA 01-360 Specification

- **Total Height** : 192cm / 75.59 in
- **Working Height Maximum** : 180cm / 70.86 in (measured from Camera Plate to floor)
- **Working Height Minimum** : 50cm / 19.7 in (measured from Camera Plate to floor)
- **Working Width Horizontal** : 55cm / 21.6 in (center of Column to center of Camera plate)
- **Horizontal Arm/Bar total length**: 700mm
Useful travel on 01-360 from center of Vertical Center/Column to center of Camera plate:
Full Extension: 550mm as measured on one side. Minimum Retraction: 140mm
- **Width** : 85cm / 33.46 in
- **Weight** : 30kg / 66lbs
- **Suggested Wheels** : 01-360-20-024 [contact STA for identification prior to replacement. Updated Casters were introduced mid 2019 and are NOT interchangeable due to the thread size. A modification component is available to update stands with the previous generation Casters.]

- **Base Diameter** : 90cm / 35.4 in
- **Recommended General load capacity** : 7kg (15.4lbs)
- **Camera Plate Hardware**: 3/8th inch - 16 thread
- **Includes two Camera Plates and Basket as shown**

WE RESERVE THE RIGHT TO MAKE PRODUCT CHANGES AND PRODUCT ENHANCEMENTS. PRODUCTS SUPPLIED MAY NOT BE DELIVERED EXACTLY AS ADVERTISED OR SHOWN ON THE WEBSITE OR IN THE MANUAL.