



Imported by:
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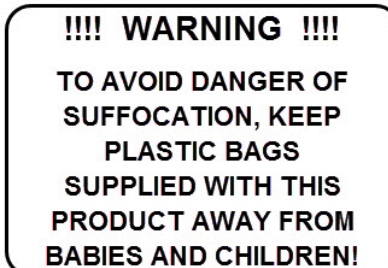
Made in: South Korea



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





Rough Handling:

Each package leaves our facility in perfect condition. The column boxes are supplied using extra thick corrugated cardboard, some packages include engineered plastic walls, and banded protection corners. The column is supplied packed in dense foam to protect against reasonable impacts. If the box is handled roughly it will show signs of transit damage. If the box contents are displaced, or there is a loose cable or it does not look perfectly packaged, there maybe damaged parts or the unit may not be new! Do not attempt to lift or assemble the stand. If you were supplied a product that is not new or it looks used or has exposed parts contact your dealer for exchange.

When removing the column from the box keep it parallel to the ground, do not remove by standing it up. Carefully inspect the column base. Locate and confirm the presence of the metal counterweight transport securing strap or securing bolt, prior to assembly. If you cannot locate and confirm the presence of the metal counterweight transport securing strap or securing bolt, **STOP !!** assembly and contact us by email with images.

If the damage is only cosmetic and does not compromise the safe operation of the stand, please contact us by email with images of the part that is affected. We will make arrangements to provide you with a replacement part to restore your stand to new condition.





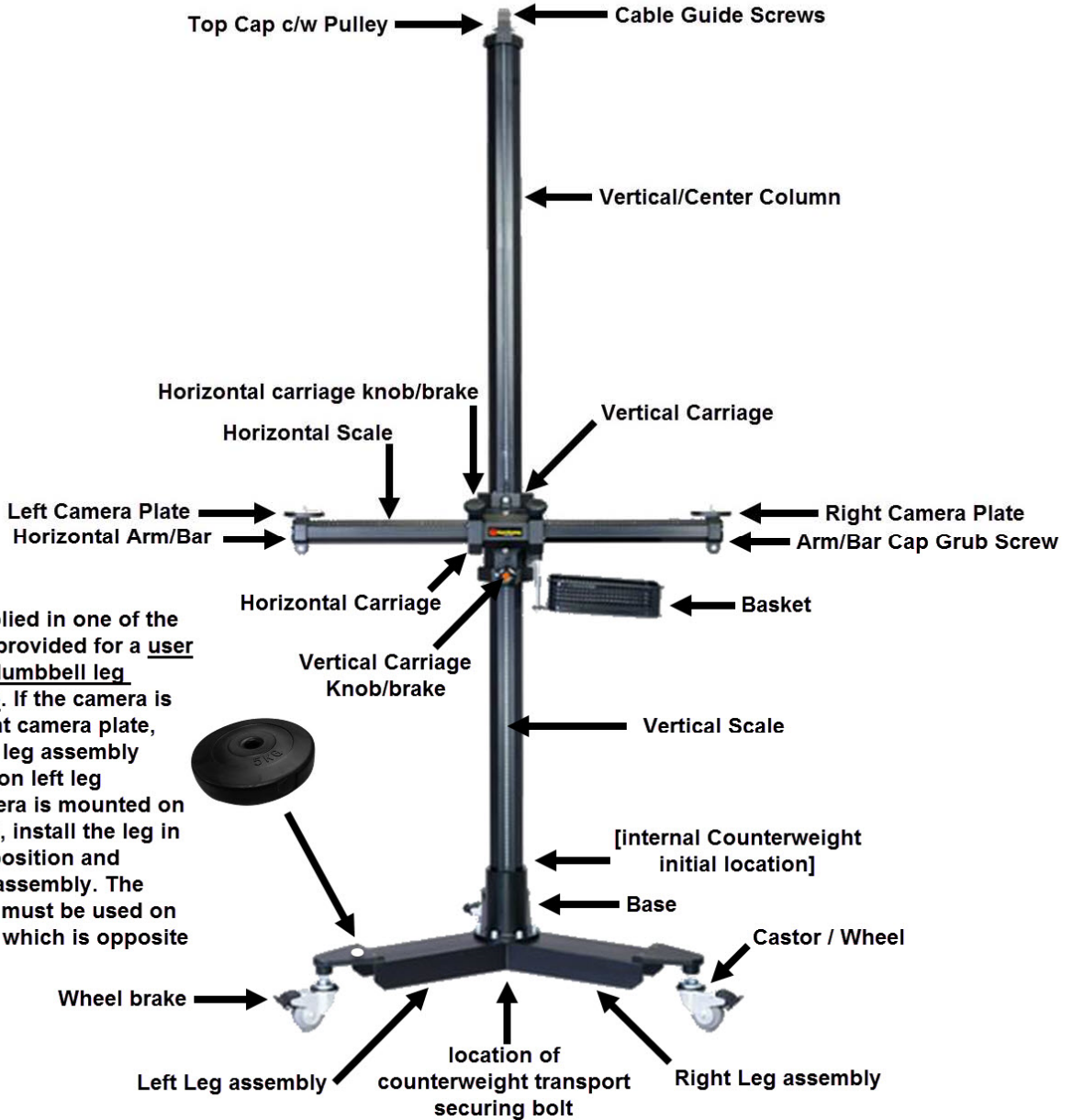
Intended use:

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 C01-350-TRI

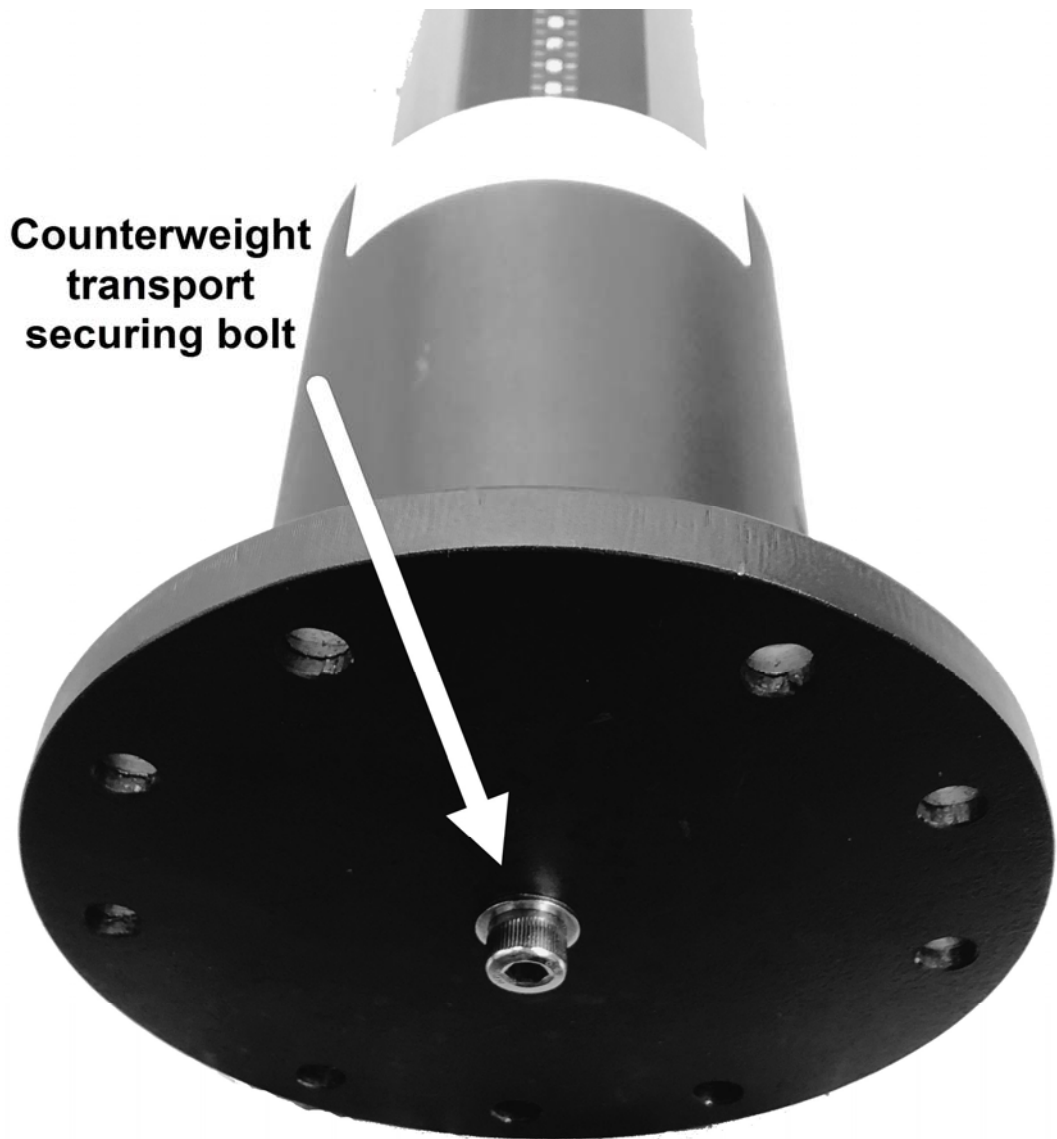
STA C01-350-TRI



A 10mm hole is supplied in one of the leg assemblies. It is provided for a user supplied 5kg [10lb] dumbbell leg weight and hardware. If the camera is mounted on the Right camera plate, install the leg in Left leg assembly position and weight on left leg assembly. If the camera is mounted on the Left camera plate, install the leg in Right leg assembly position and weight on Right leg assembly. The dumbbell leg weight must be used on the side of the stand which is opposite of the camera load.

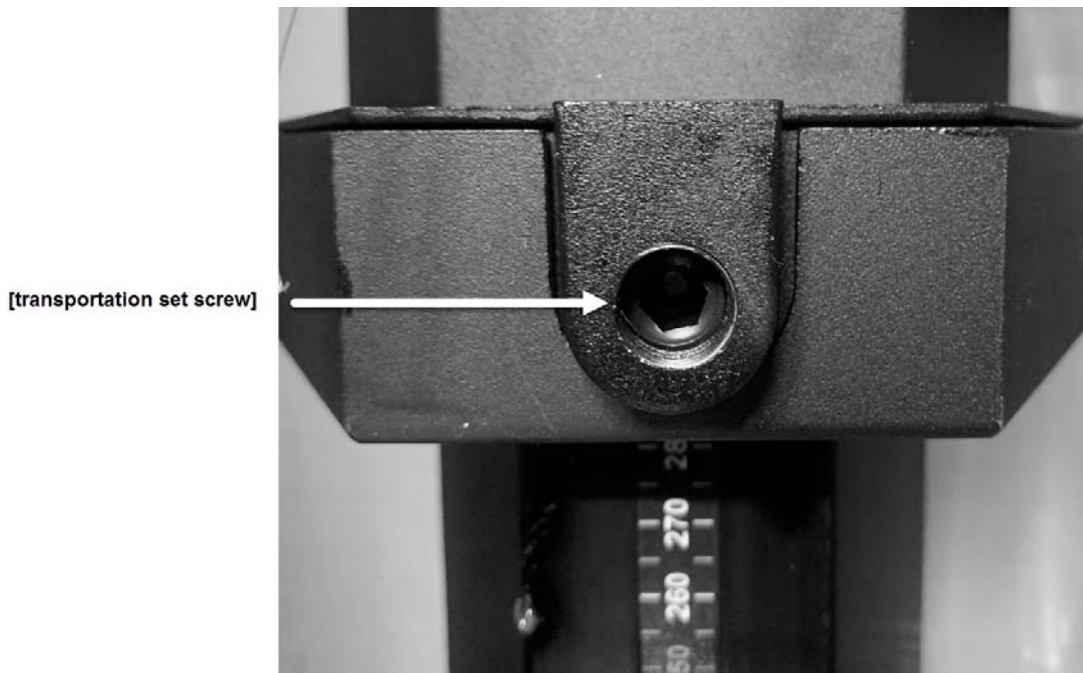
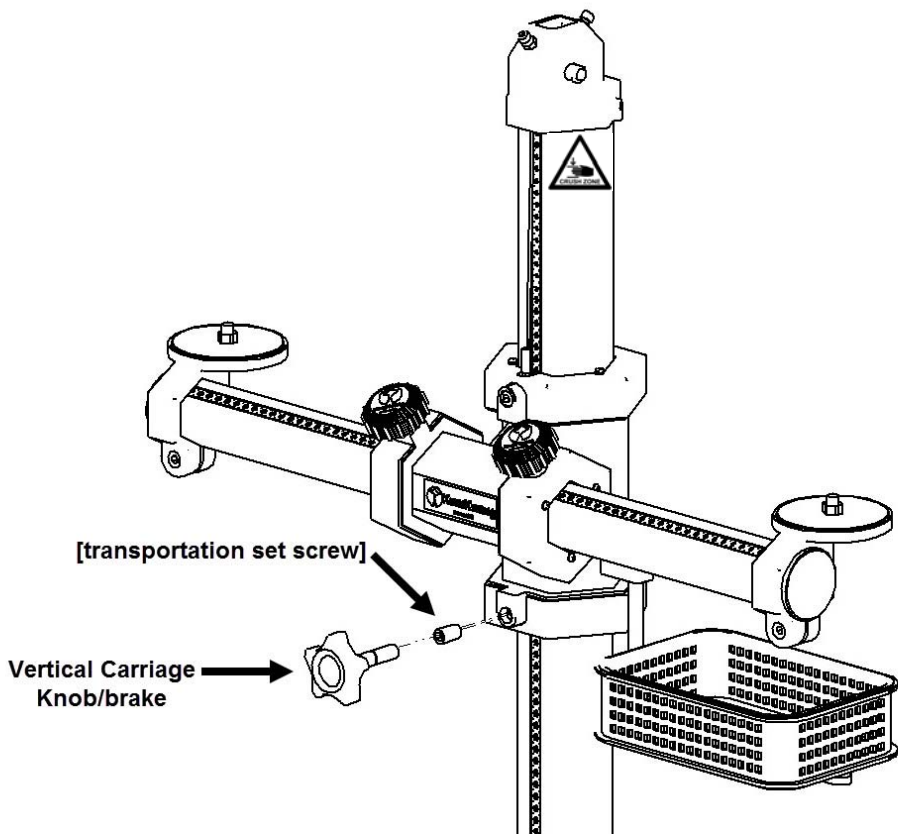
 WARNING
READ ALL INSTRUCTIONS PRIOR TO ASSEMBLY AND OPERATION

Component Identification: STA C01-350-TRI



 **WARNING**
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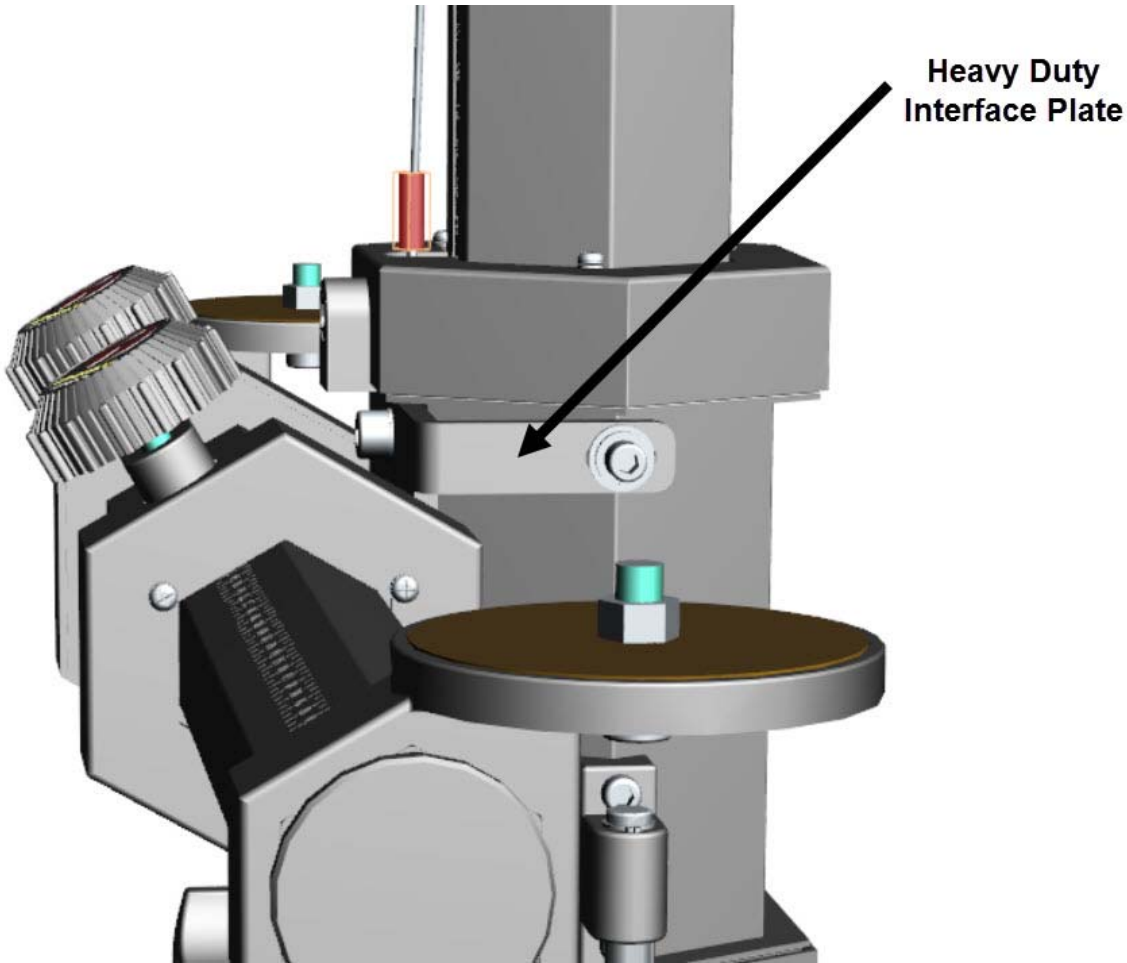
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⚠ WARNING
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Assembly Steps:

1 Wearing gloves and together with your Assistant.....Place the Column Box [long rectangular box] flat on floor. Place some packing materials on the floor. Do not stand the Vertical/Center Column vertically. Remove and Lay the Vertical/Center Column flat on the floor. Under the Base, Visually inspect and Confirm that the Counterweight transport securing BOLT is present which secures the counterweight during transportation. Do NOT remove the Counterweight transport securing bolt until advised later. If the bolt is present proceed to step 2 with assembly. If NOT, then:

If Counterweight transport securing BOLT 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 for further instructions. Please email:

info@studiotitanamerica.com with the best phone number to reach you. We normally respond within 24hrs, during weekdays.

 **WARNING**

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Assembly Steps:

2 Attach the three Leg Assemblies to the base. The Hex Key tool is supplied and fasteners are supplied attached to the Base. Use the supplied Hex Key tool to tighten the fasteners by hand. [See DIAGRAM: A] NOTE: A 10mm hole is supplied in one of the leg assemblies. It is provided for a user supplied 5kg [10lb] dumbbell leg weight and hardware. If the camera is mounted on the Right camera plate, install the leg in Left leg assembly position and weight on left leg assembly. If the camera is mounted on the Left camera plate, install the leg in Right leg assembly position and weight on Right leg assembly. The dumbbell leg weight must be used on the side of the stand which is opposite of the camera load.

3. Wearing Gloves, remove the counterweight transportation securing bolt [See Component Identification page: STA C01-350 TRI Diagram]

4 Locate and identify the counterweight cable from the Component Identification page STA C01-350 TRI Diagram.

!!!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.



Assembly Steps:

5 Together with your Assistant...Wearing GlovesCarefully, 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 four M8 x 20 bolts from the Vertical carriage. Two M8 bolts from the front and one from each side. [DIAGRAM: B indicates the two front bolts] [Page 7 indicates the Heavy Duty interface plate and one of the side bolts] Locate the Horizontal Arm/Bar Carriage 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 four 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 Vertical 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

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DIAGRAM: B

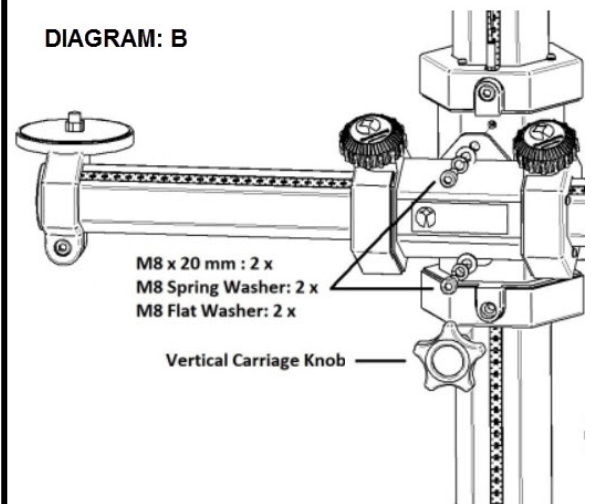
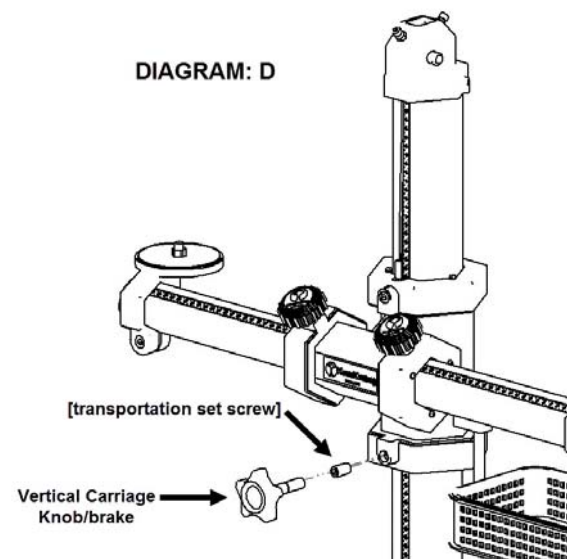


DIAGRAM: D



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.

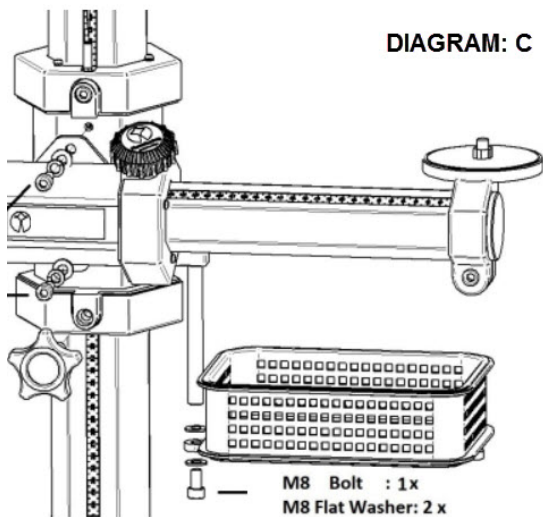
10. Locate the Two Horizontal Carriage Knob/ Brakes, See [component identification] page. Turn the Horizontal Carriage Knob/Brake Counter Clockwise to release and confirm that the Horizontal Arm / Bar is free to move left and right.

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.



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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.

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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 mid-point of the stand.



Counterweight Hazard:

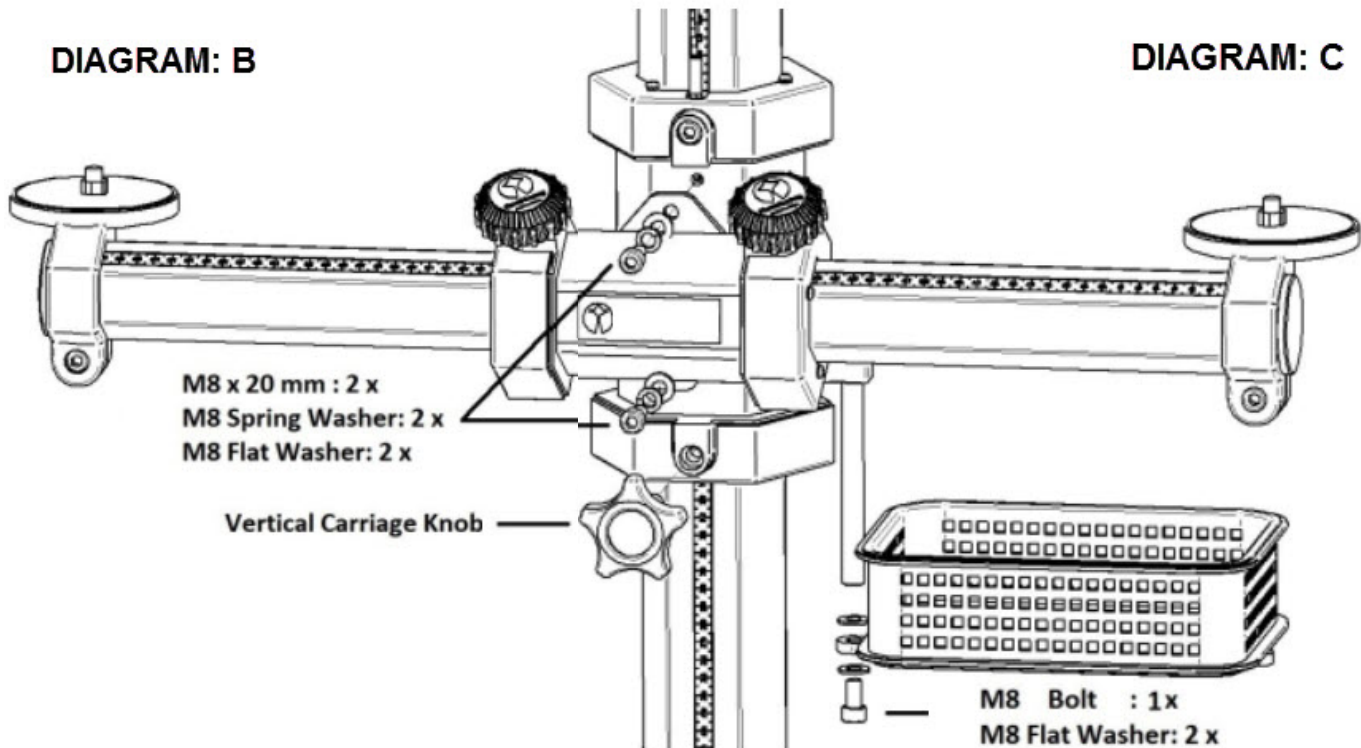
The Horizontal Arm/Bar is connected to a counterweight located inside the Vertical Center/Column. Caution must be used at all times when using the Horizontal Arm/Bar. The Vertical Carriage Knob/Brake must always be tightened to lock the Horizontal Arm/Bar in place. Without a load on the Horizontal Arm/Bar 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:

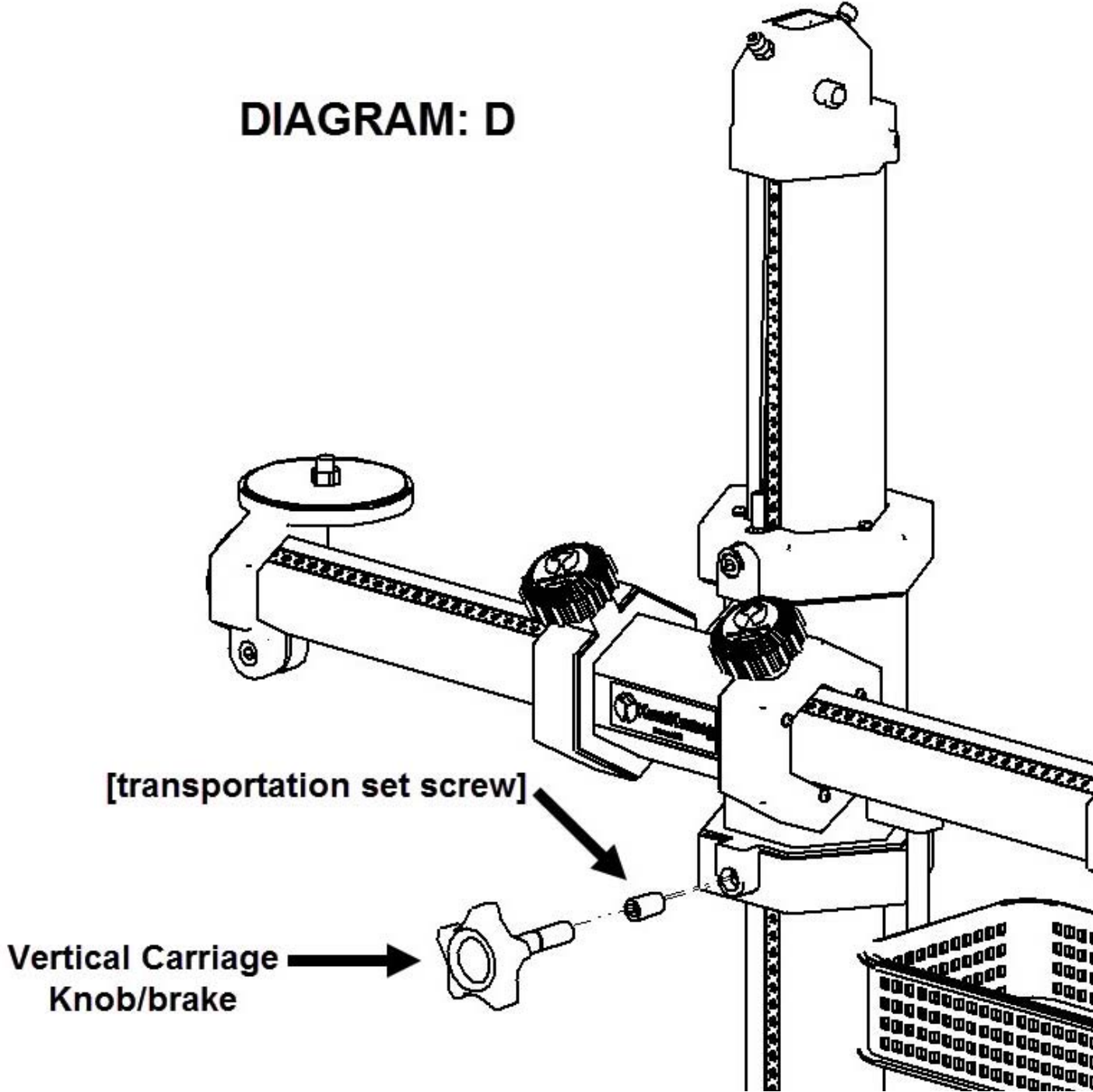


DIAGRAM A



Assembly Diagrams:

DIAGRAM: D



STA 01-350 Specification & Directions for Materials Recycling

- **Total Height** : 240cm / 94.4 in
- **Working Height Maximum** : 220cm / 86.6 in (measured from Camera Plate to floor)
- **Working Height Minimum** : 50cm / 19.7 in (measured from Camera Plate to floor)
- **Working Width Horizontal** : 83.5cm / 32.8 in (center of Column to center of Camera plate)
- **Horizontal Arm/Bar total length**: 1000mm
Useful travel on 01-350 from center of Vertical Center/Column to center of Camera plate:
Full Extension: 840mm as measured on one side. Minimum Retraction: 140mm
- **Width** : 100cm / 39.3 in
- **Weight packaged** : 65kg / 144lbs
- **Suggested Wheels** : 01-350-20-024
- **Base Diameter** : 100cm / 39.3 in
- **Weight [3 legs]** : 19kg / 42 lbs
- **C01-350-TRI load capacity: 11.3 kg (25lbs)**
- **C01-350-TRI Counterweight: 15 kg (33lbs)**
- **Camera Plate Hardware**: 3/8th inch - 16 thread
- **Includes two Camera Plates and Basket as shown**

Material composition:

The Vertical and Horizontal columns are made of aluminum. Counter weight is S20C steel.

The nuts and bolts are made of steel. The casters are polyurethane. This product does not contain lead.

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.

- The column box blue outer plastic material is Polypropylene, abbreviated as PP, is a recyclable thermoplastic polymer widely used in many different products. PP is rugged. PP's resin identification code is 5, and it is recyclable.

- Plastic bags are made of LDPE (Low-Density Polyethylene) – Recyclable plastic (check Local Authority) LDPE can be recycled. However, check with your Local Authority to ensure it is recycled in your area. This is described as a hard flexible plastic.

- The Corrugated cardboard box can be recycled at depots, in municipal curbside collection programs and through private recyclers.