

## GCX Roll Stand Assembly and Operation

This installation guide covers assembly of Base and Post, attachment of Mounting Head, and operation of the assembled Roll Stand. Mounting of application-specific Mounting Heads, instruments and related accessories are covered by separate installation guides.

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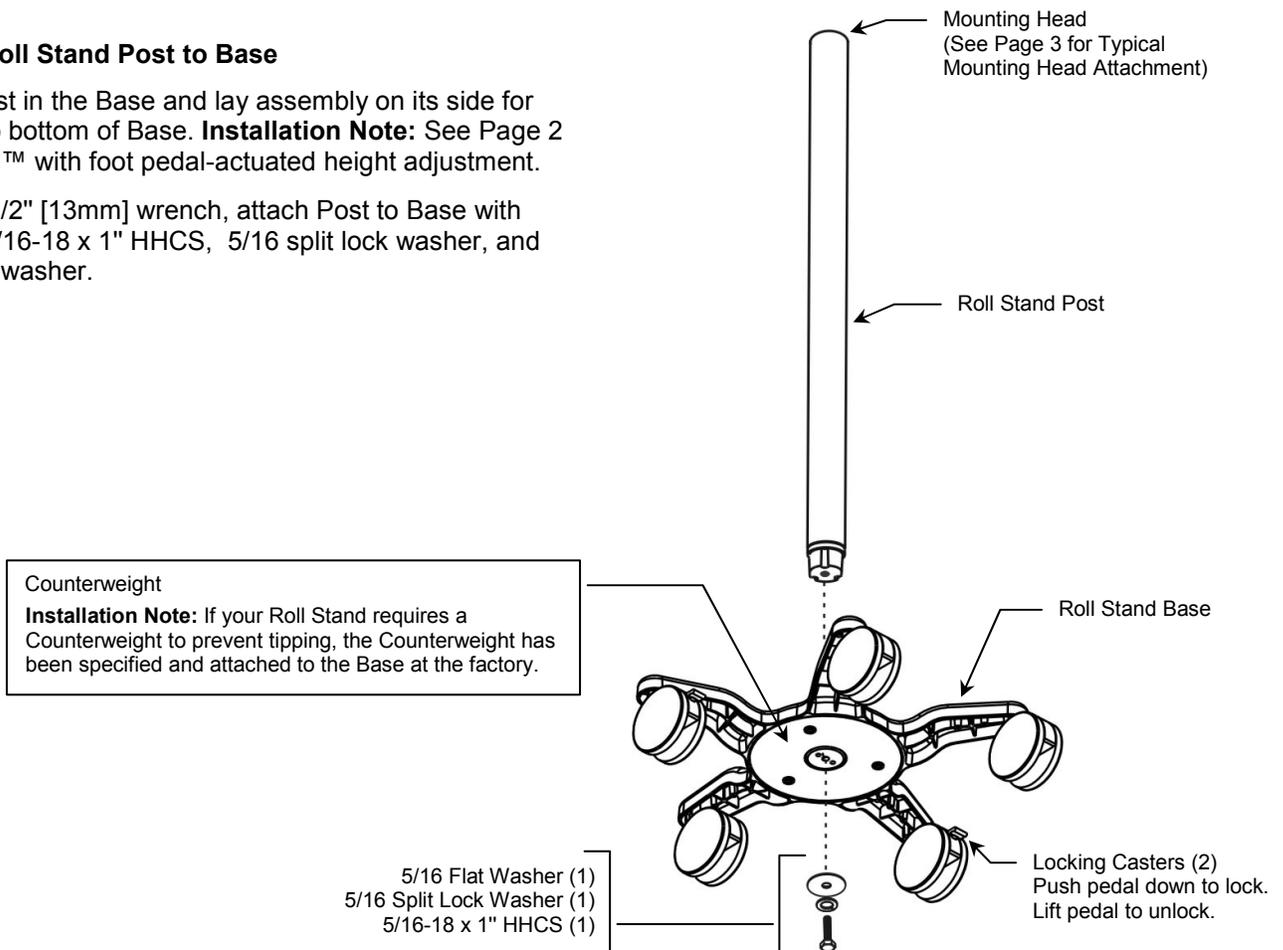
\*VHRS™ = Variable Height Roll Stand

### Installation Note:

Separate installation kits and accessories may be included with the Roll Stand. Read all separate installation guides before assembling the Roll Stand or mounting instruments or accessories.

### Attaching Roll Stand Post to Base

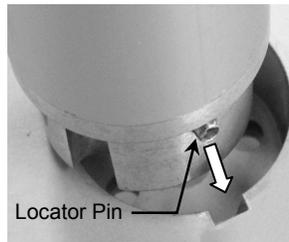
1. Insert Post in the Base and lay assembly on its side for access to bottom of Base. **Installation Note:** See Page 2 for VHRS™ with foot pedal-actuated height adjustment.
2. Using a 1/2" [13mm] wrench, attach Post to Base with one (1) 5/16-18 x 1" HHCS, 5/16 split lock washer, and 5/16" flat washer.



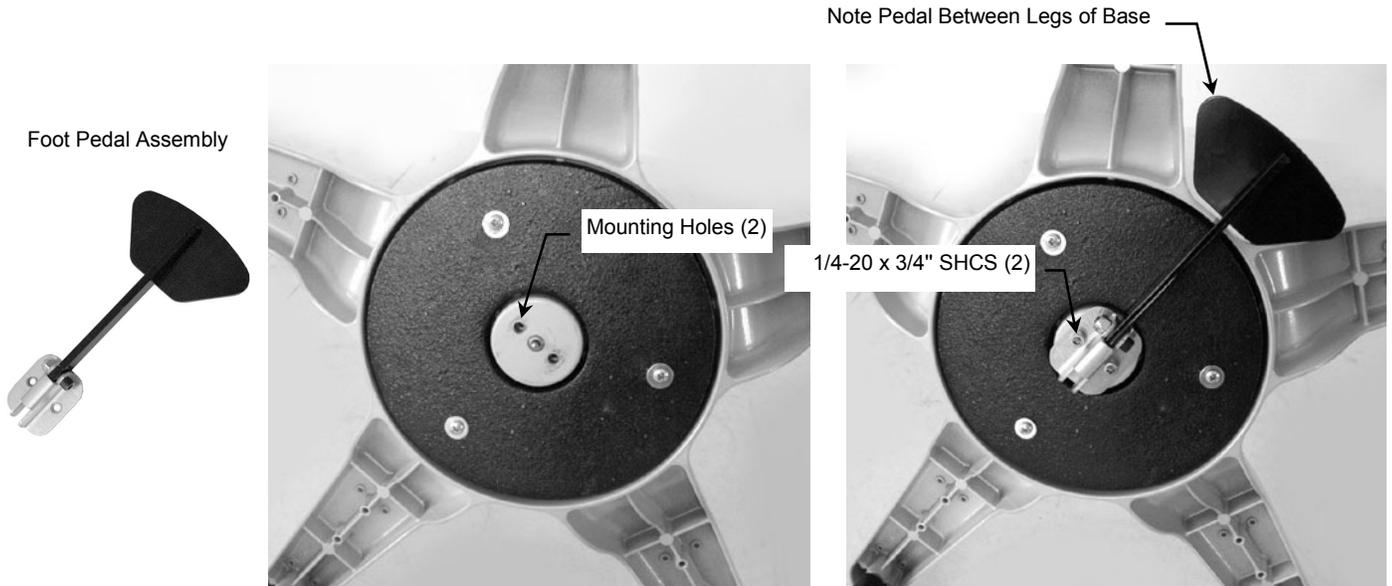
## Attaching Post to Base - Foot Pedal-Actuated VHRS™

**Installation Note:** VHRS™ (Variable Height Roll Stand) Posts are keyed at the Post-Base attachment on foot pedal-actuated Roll Stands. The Post is keyed to ensure correct alignment and operation of the foot pedal.

1. Insert bottom end of Post in the Base, ensuring that the locator pin is seated in the slot provided. Lay the Roll Stand on its side for attachment of Foot Pedal Assembly.



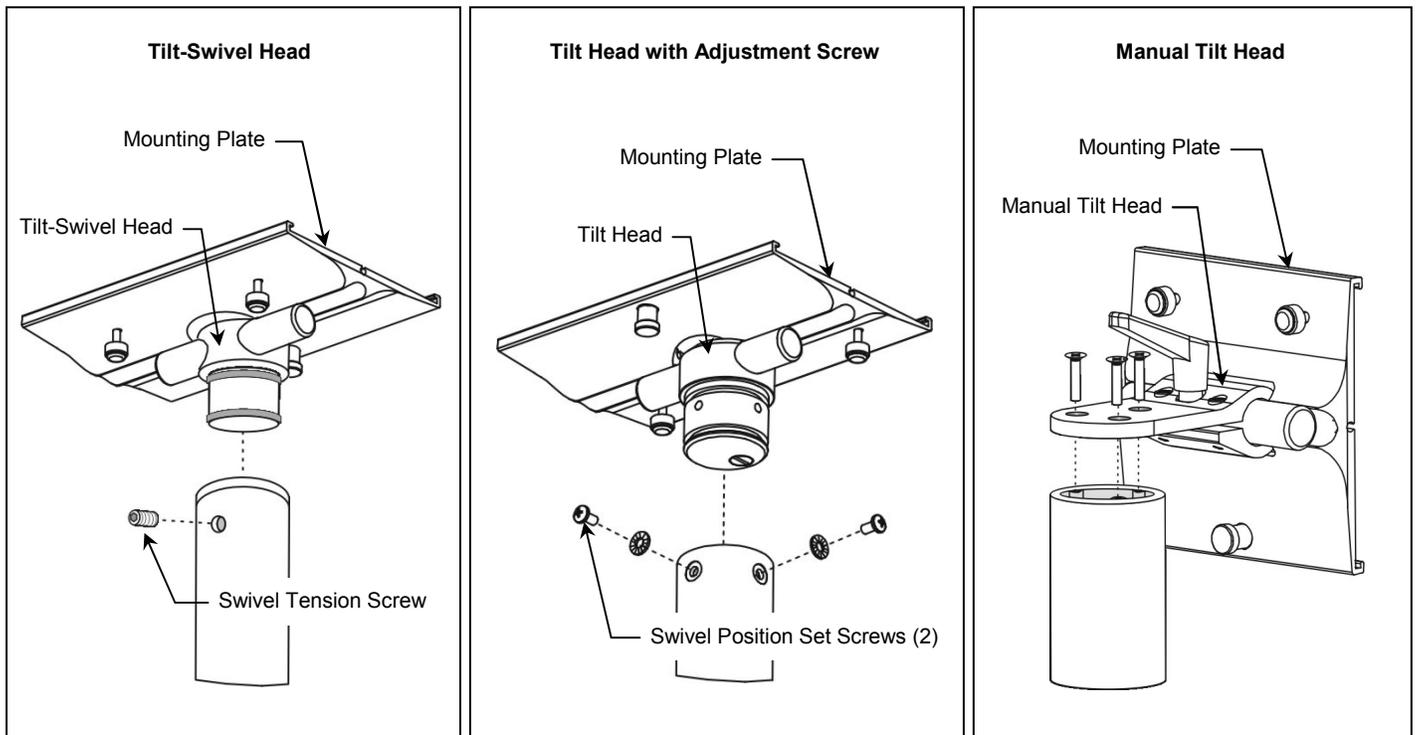
2. Align two (2) mounting holes in Foot Pedal Assembly with two (2) threaded mounting holes in bottom of Post, ensuring that Foot Pedal is positioned between two legs of the Base. Using the 3/16" hex key (provided), fasten Pedal Assembly to Post with two (2) 1/4-20 x 3/4" SHCS.



## Attaching the Mounting Head (non-VHRS™ Post)

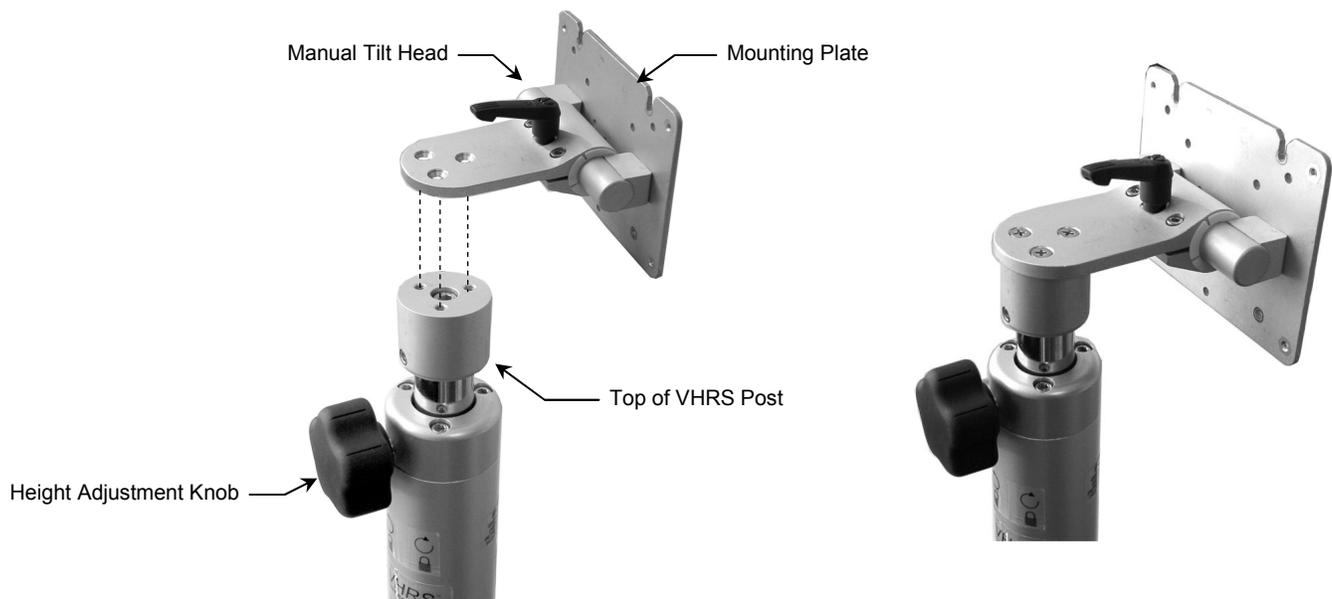
**CAUTION:** Do not attach the Mounting Head to the Post until you have determined whether any accessories must be mounted first. For example, a Utility Basket will typically be mounted before the Mounting Head is attached.

The illustrations below show three (3) most typical types of GCX Roll Stand Mounting Heads. Mounting hardware may vary depending on the application. Refer to separate installation guide for application-specific mounting procedure.



## Attaching Mounting Head to VHRS™ Post

The three-hole mounting pattern on top of a VHRS™ Post is designed to orient the Mounting Head in one direction only. The Mounting Plate will, unless specified otherwise, always be positioned opposite the Height Adjustment Knob on non-foot pedal Roll Stands. On foot pedal-actuated VHRS, the Mounting Plate will typically be on the same side as the foot pedal.



## Swiveling the Mounted Instrument and Adjusting Swivel Tension

GCX Roll Stands are designed with either fixed or swivel heads. On fixed heads, the instrument is swiveled by rotating the entire Roll Stand. On swivel heads, the instrument may be swiveled without rotating the entire Roll Stand.

### Fixed Head

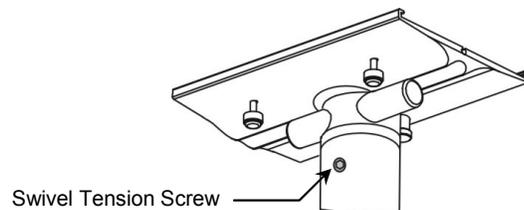
1. Unlock (disengage) all locking casters and rotate the entire Roll Stand. Lock (engage) casters if required.

### Swivel Head

1. Lock (engage) all locking casters.
2. Grasp the mounted instrument and swivel to desired position. Depending on the size and weight of the mounted instrument, it may be necessary to place one foot onto the Roll Stand Base in order to swivel the instrument without swiveling the base.

### Adjusting Swivel Tension (Tilt-Swivel Heads Only)

1. Tighten or loosen the socket head screw (Swivel Tension Screw) on the side of the Roll Stand Post using the 2.5 mm hex key provided.



## Tilting the Mounted Instrument and Adjusting Tilt Tension

GCX Roll Stands are designed with three types of Tilt Heads as well as a fixed head design. Identify the type of head included with the Roll Stand and follow the appropriate instructions.

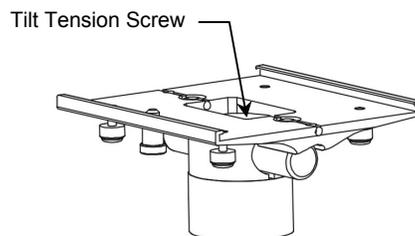
### Tilt-Swivel Head

#### Tilt Position

1. Grasp top and/or bottom of the mounted instrument and tilt to desired angle.

#### Tilt Tension

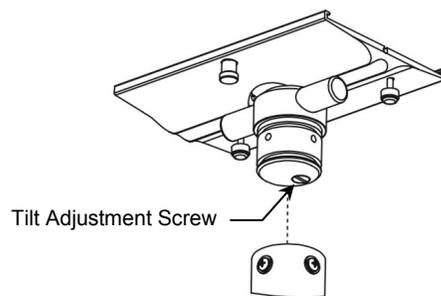
1. Using the 5/32" [4 mm] hex key (provided), tighten or loosen the socket head screw (Tilt Tension Screw) on top of the Tilt-Swivel Head



### Tilt Head with Tilt Adjustment Screw

#### Tilt Position

1. Remove instrument from Mounting Head.
2. Remove Mounting Head from Post.
3. Using flat-blade screwdriver, turn Tilt Adjustment Screw to desired angle.
4. Replace Mounting Head in Post.
5. Re-mount instrument.



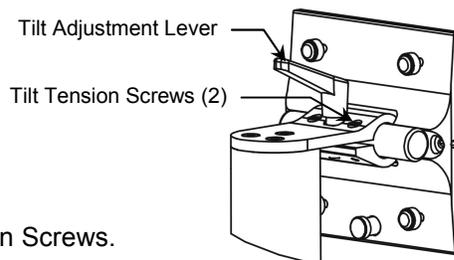
### Manual Tilt Head

#### Tilt Position

1. Loosen Tilt Adjustment Lever (if included).
2. Grasp top and/or bottom of instrument and tilt to desired angle.
3. Tighten Tilt Adjustment Lever (if included).

#### Tilt Tension

1. Using the hex key provided, equally tighten or loosen the two (2) Tilt Tension Screws.

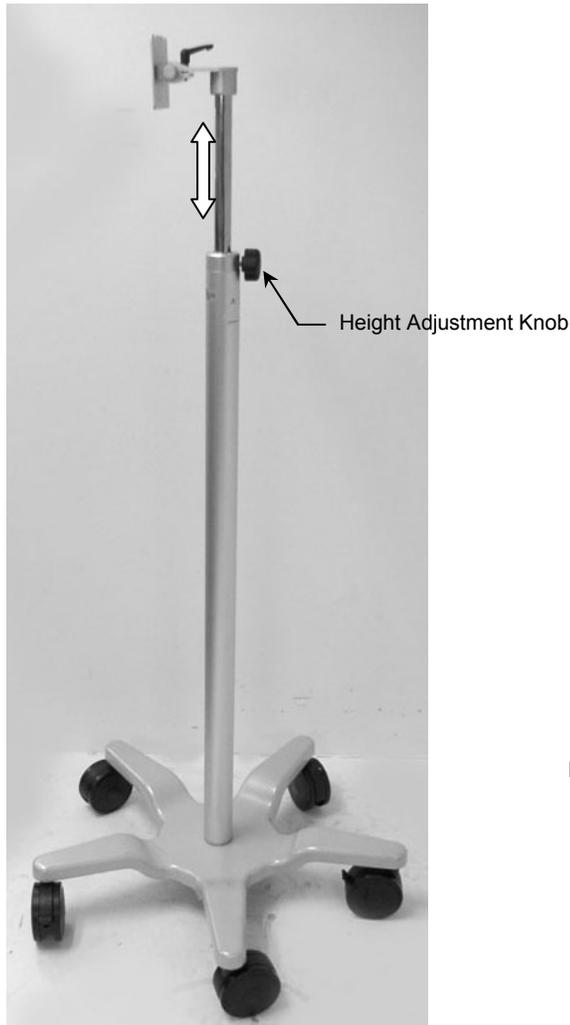


## Height Adjustment - VHRS™

**⚠ WARNING: DO NOT ATTEMPT TO DISASSEMBLE ANY COMPONENT OF A VHRS POST.**

Variable Height Roll Stands (VHRS) include an adjustable height feature. Height is adjusted by loosening and tightening a knob (below left), or by pressing and releasing a foot pedal (below right).

**Caution:** The VHRS™ Post operates by pneumatic pressure and will travel upward when disengaged. Ensure that nothing will obstruct upward travel before turning the Height Adjustment Knob or pressing the Foot Pedal.



## Periodic Maintenance and Cleaning

All fasteners associated with the mounting system should be inspected periodically and tightened as necessary.

Roll Stand may be cleaned with any non-abrasive solution as approved by the facility in which the product will be used.