

INSTALLATION MANUAL

Midmark Care Exchange

6283 Heavy Duty Wall Mounted Workstation

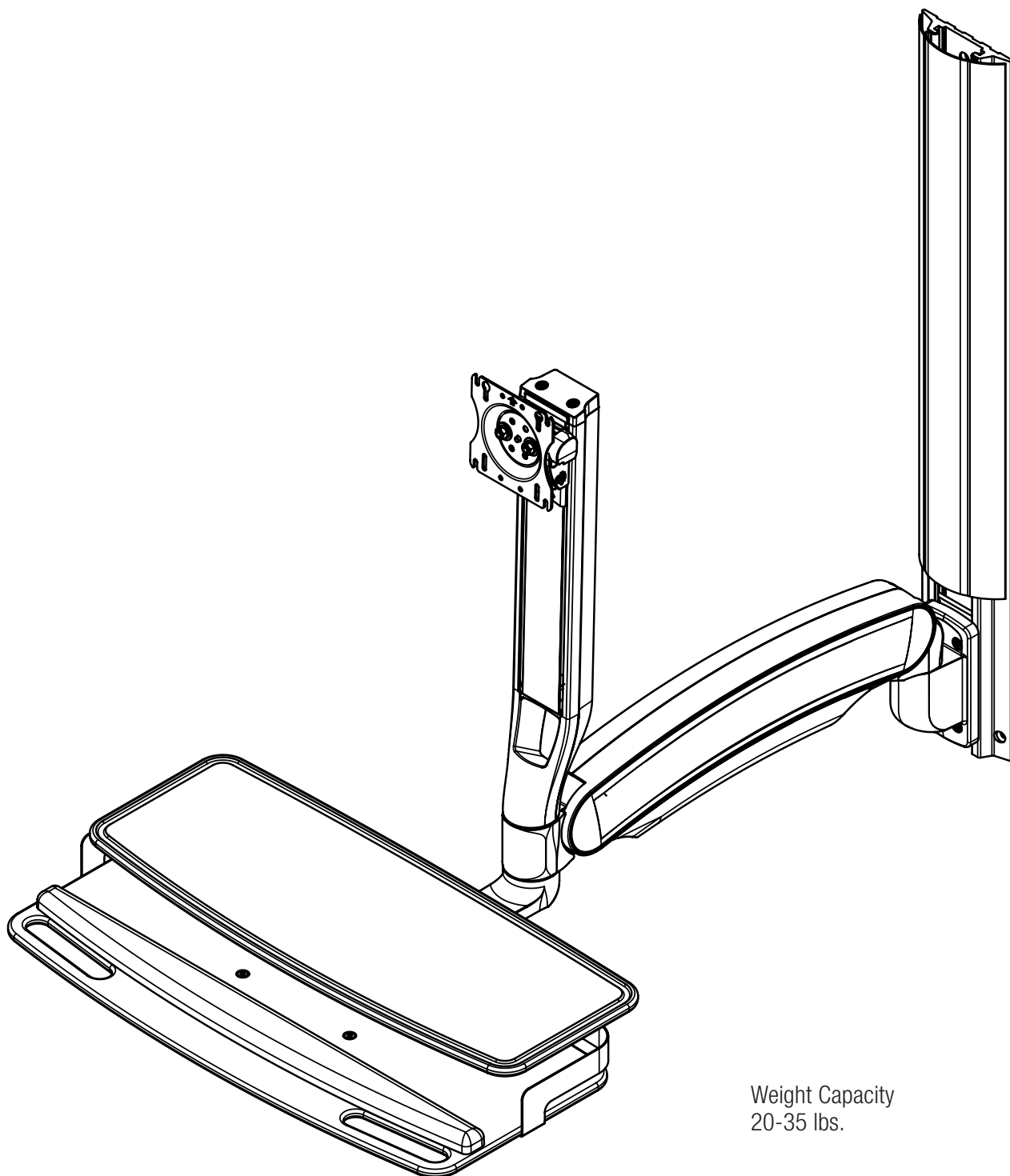


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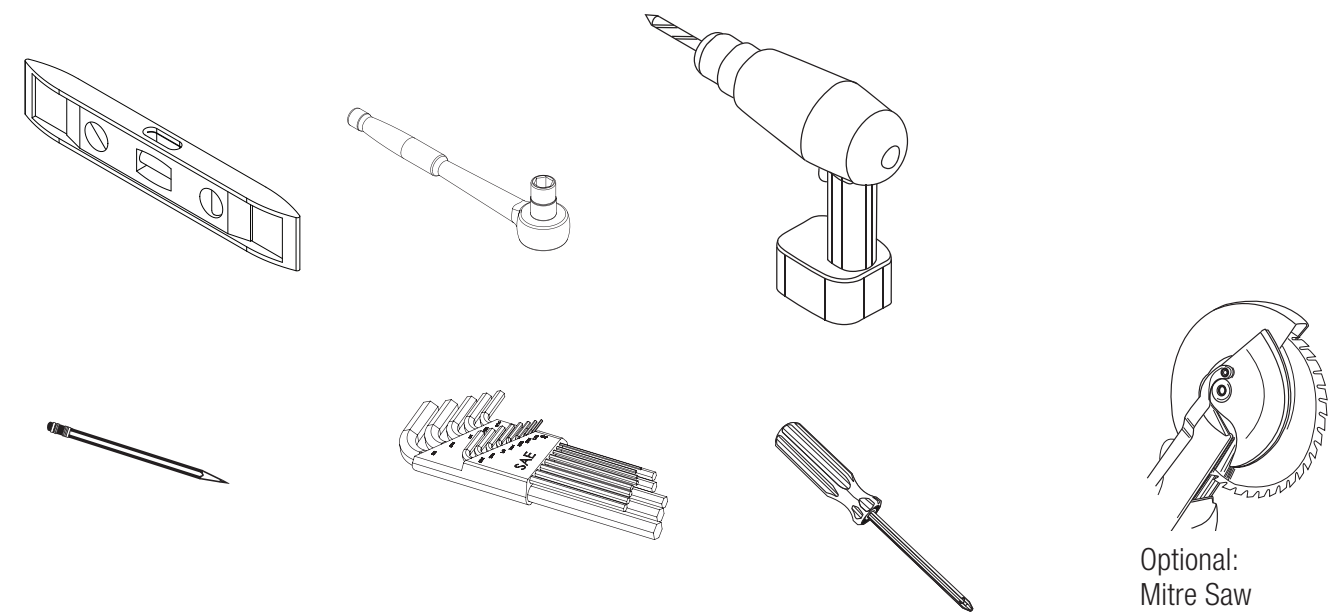
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TOOLS REQUIRED



Allen Wrenches: 1/4", 7/32", 3/16" and 1/8"
Socket Wrench: 7/16"
Drill Bit: 1/8" and 1/2"

INSTALLATION WARNINGS:

- Read the entire instruction manual before beginning any installation or assembly.
- The installer must verify that the entire wall safely supports the combined weight of all the attached equipment and hardware.
- Improper installation of this product may cause extensive property damage or serious personal injury, either during or after installation.
- Warning: Applied loads in excess of 80 lbs. on the work surface may result in product failure, causing the work surface to fall and possibly resulting in personal injury.

DISCLAIMER:

- The manufacturer and/or distributor will bear no responsibility for any damages of any kind arising from any improper installation of this product.
- Because wall construction varies widely and the ultimate method of mounting/installing is out of the manufacturers or distributors control, it is imperative that the installer consult with local engineering, architectural, or construction personnel to ensure the wall is constructed properly to code and will handle the applied load.
- Through improper installation or excessive applied load, the workstation can be pulled out of the wall by force, taking with it a large section of drywall. In no way will the manufacturer or distributor be held liable for any damage to the monitor, property or personal injury should an outside force either intentionally or unintentional be applied to the monitor or monitor mounting bracket causing it to pull off the wall.

SAFETY WARNING:

- California installations may require specific anchorage and additional supports. Check with local authorities for codes in your area. Other seismic states will have similar regulations.
- Prior to drilling, verify the location of any electrical wiring with in the wall. An electrical short can kill or create serious injury and fire hazard both during and after installation.
- OSHPD certificate available upon request.

ADJUSTMENT NOTIFICATION:

- Routine maintenance checks and adjustments are suggested to properly support the quality and optimal performance of this product. Refer to adjustment suggestions on last page of booklet, or contact your distributor for further detailed information.
- Over tightening of bolts during installation or adjustments may damage the product and affect the function and warranty.

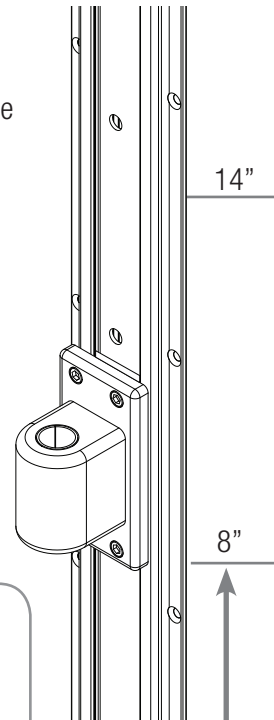
MOUNTING HEIGHT

POSITIONING WALL EAR

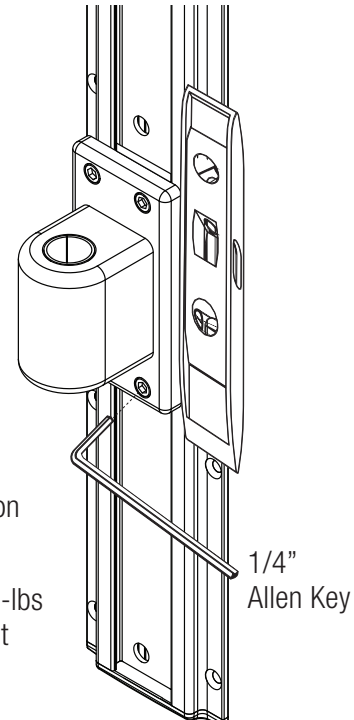
If installing directly to drywall (hollow wall applications) please note the bottom of the wall ear must be positioned between 8"-14" from the bottom of the track.



Improper installation of this product may cause extensive property damage or serious personal injury, either during or after installation.

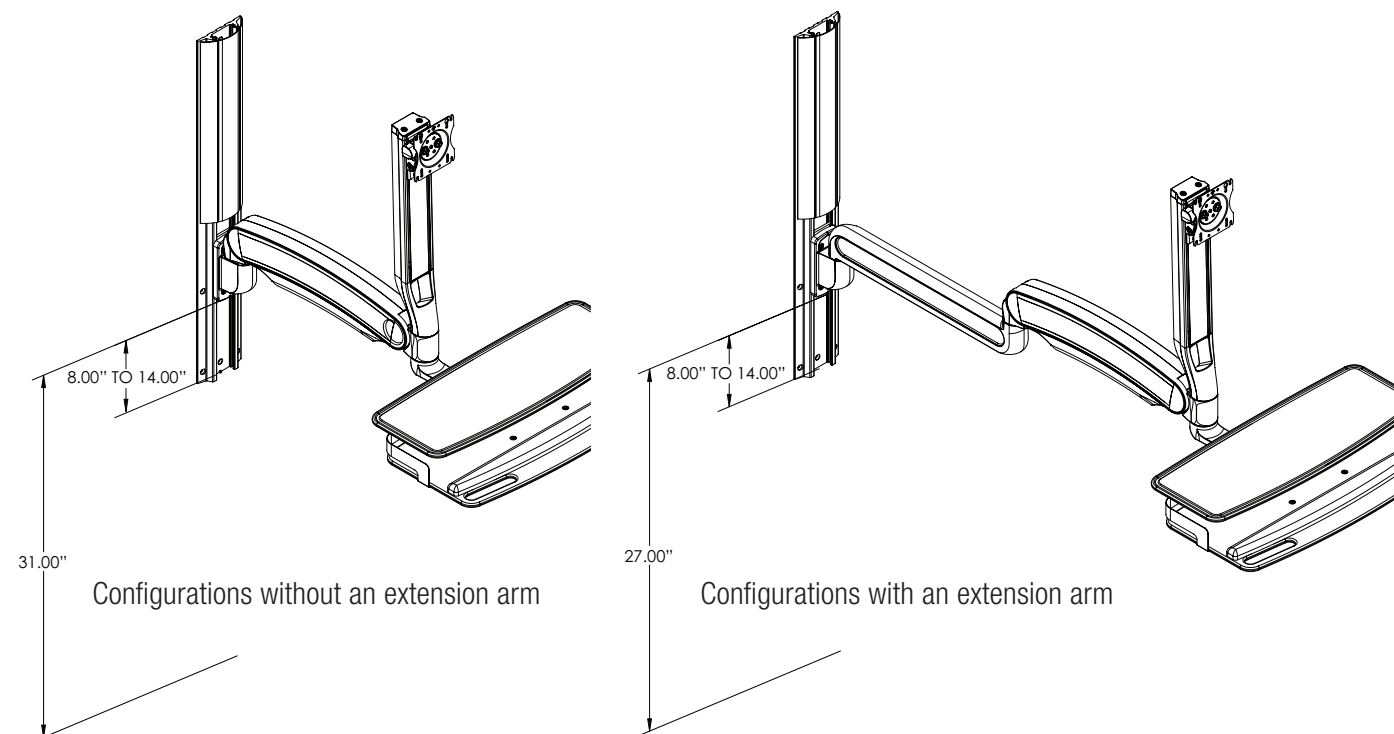


- Loosen, but do not remove 4 corner bolts
- Place in desired position
- Level the wall ear
- Tighten bolts to 200 in-lbs force to ensure the unit is securely fastened



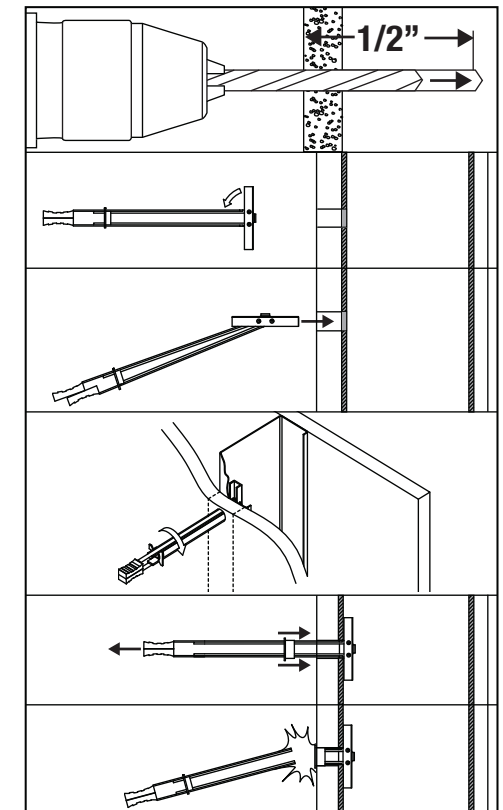
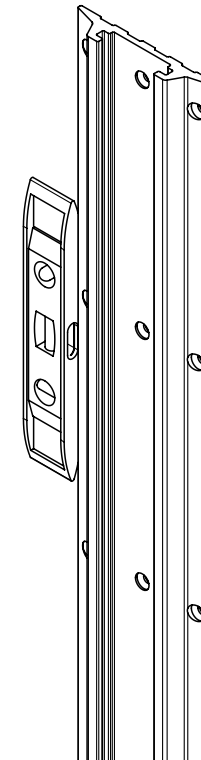
We recommend having the wall ear installed at the following heights which comfortably accommodates the majority of users in seated or standing positions.

31" FROM FLOOR TO BOTTOM OF WALL EAR 27" FROM FLOOR TO BOTTOM OF WALL EAR

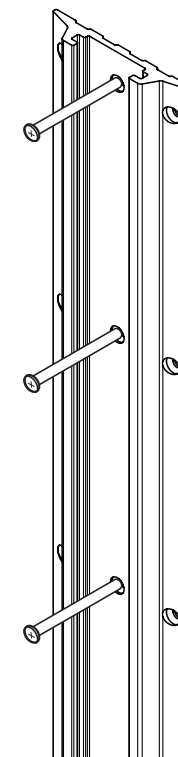


HOW TO INSTALL TOGGLERS

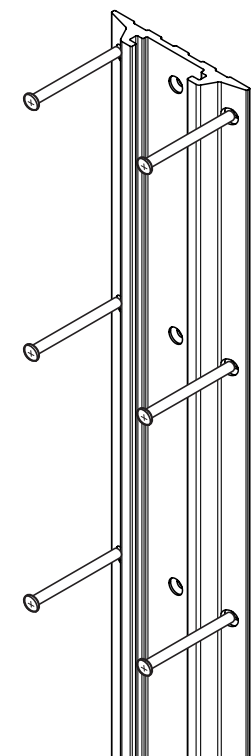
Use a level and ensure track is flush, flat and snug to the wall. Mark hole locations prior to drilling and install toggler bolts in appropriate locations.



Use bolts provided to secure track to the wall. Refer to the reference guide on pages 6 and 7.



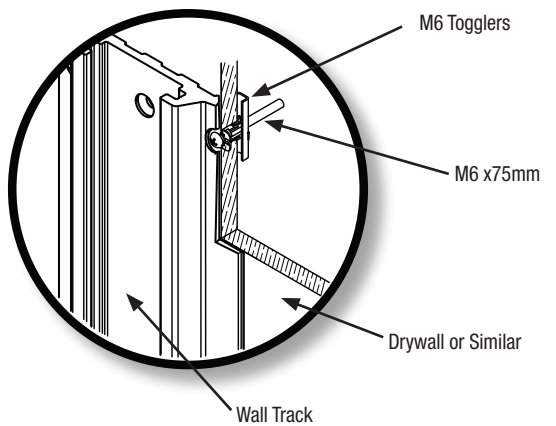
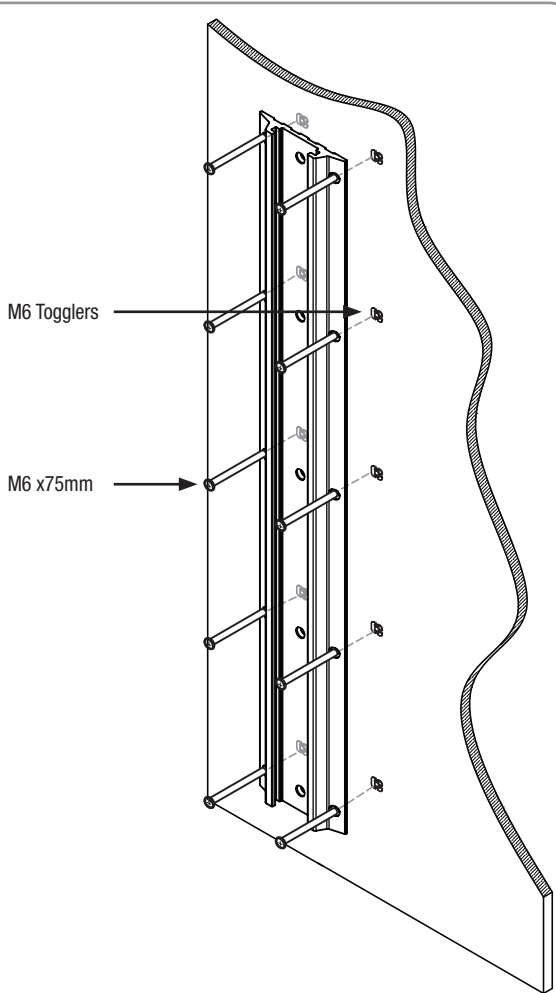
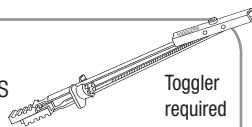
OR



MOUNTING SURFACE

DIRECT TO DRYWALL

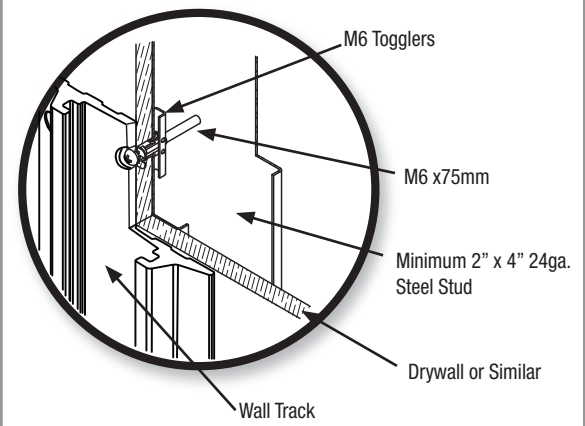
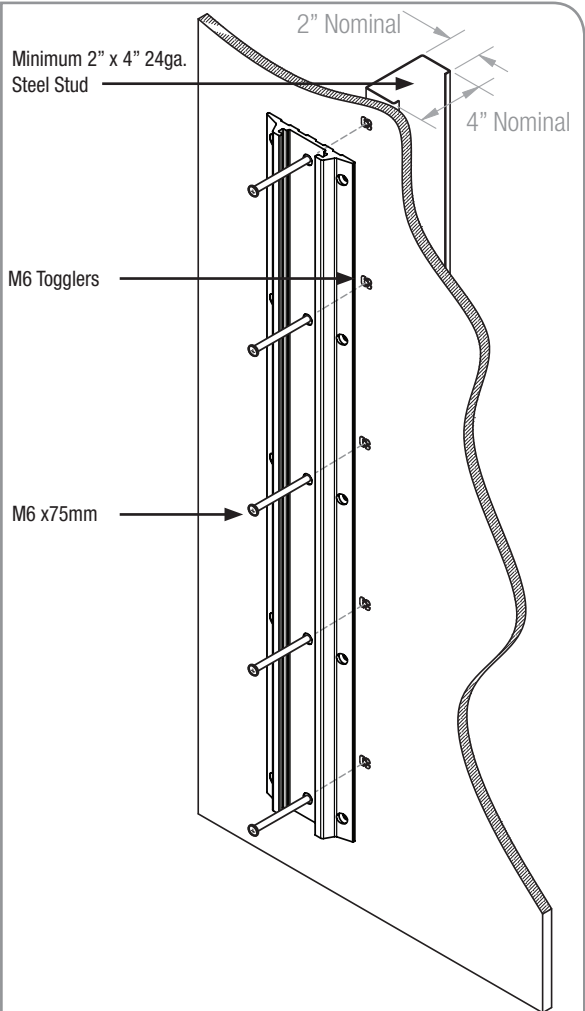
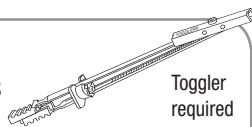
34" TRACK - 10 outer holes



CRITICAL: The wall ear must be positioned between 8"-14" from the bottom of the track.

STEEL STUD

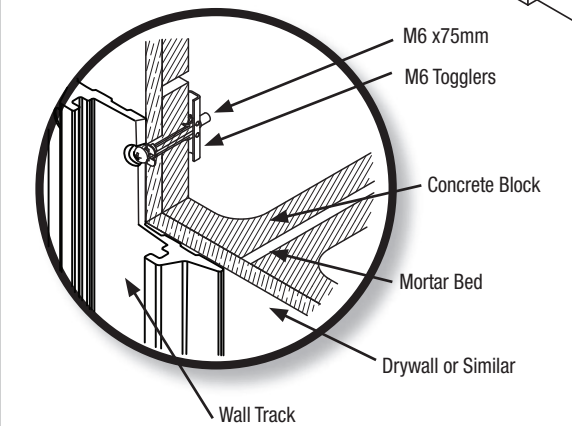
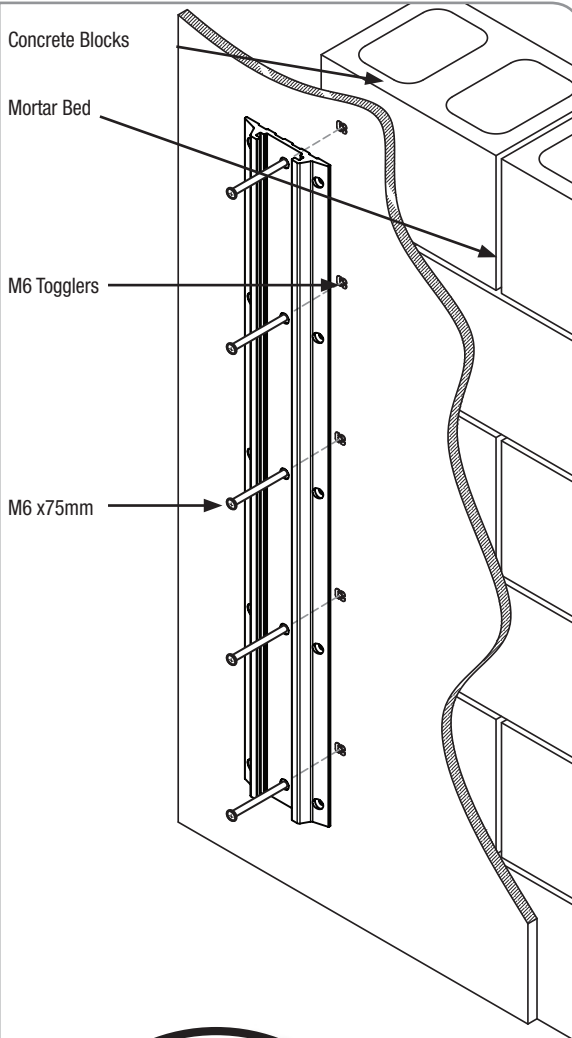
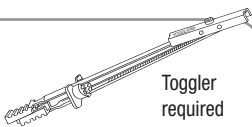
34" TRACK - 5 inner holes



NOTE: Bolts are to be placed in the horizontal center of the 2"x 4" Steel Stud.

CONCRETE WALL (block)

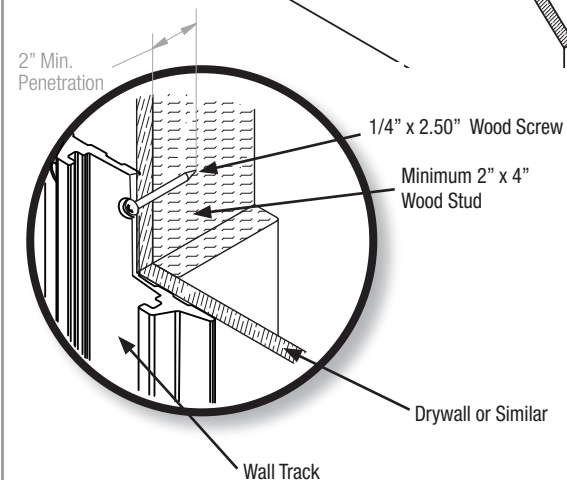
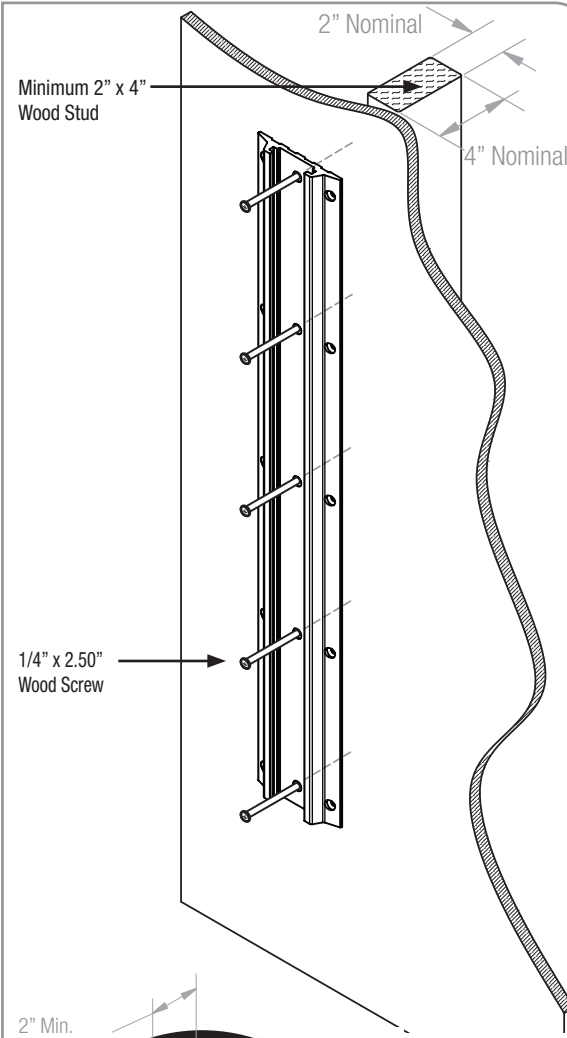
34" TRACK
- 5 inner holes



NOTE: Bolts must pass through concrete block. Bolts must not pass through mortar bed between blocks nor through the web within the blocks. When attaching to concrete blocks, only one bolt per cell allowed.

WOOD STUD

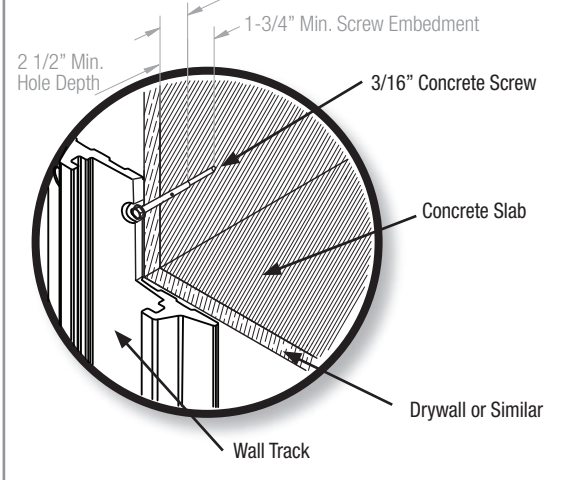
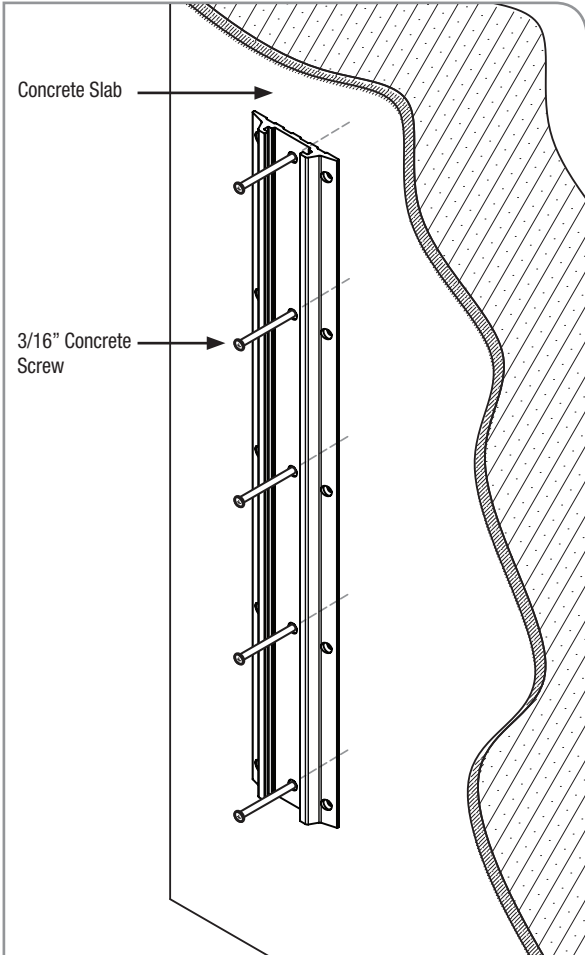
34" TRACK - 5 inner holes



NOTE: Screws are to be placed in the horizontal center and must penetrate at least 2" into the wood stud.

CONCRETE WALL (solid)

34" TRACK - 5 inner holes
Concrete hardware not provided



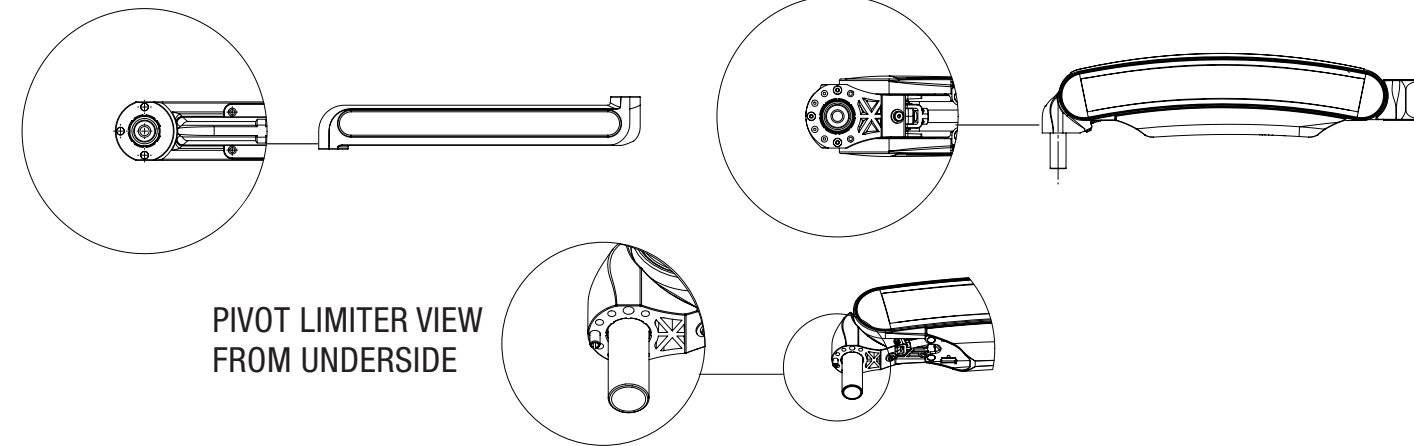
3/16" x 2-1/4" lg. Min. Tapcon® Concrete screws (not provided) to pass through the wall track as per screw manufacturers intructions.
NOTE: Pre drilled holes to be created using Tapcon® drill bit for 3/16"x2-1/4"lg. concrete screws to a Min. hole depth of 2-1/2" into concrete slab.

PIVOT LIMITER

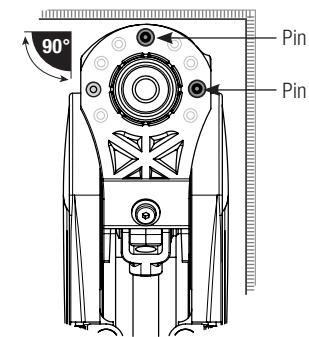
This item is to be positioned (if required) before installing the extension arm or main arm to the wall ear.

LIMITER HOLES ON THE EXTENSION ARM

LIMITER HOLES ON THE MAIN ARM

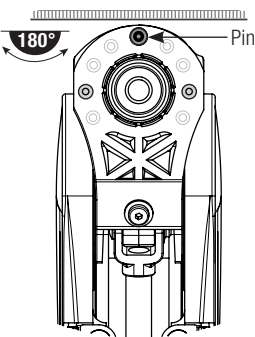


Limits 90° right rotation



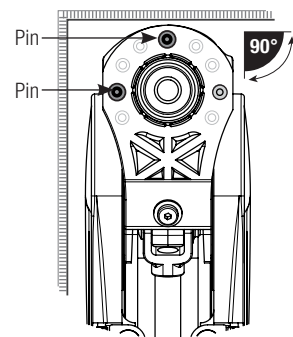
Position pins as shown to limit rotation to the right

Allows 180° rotation



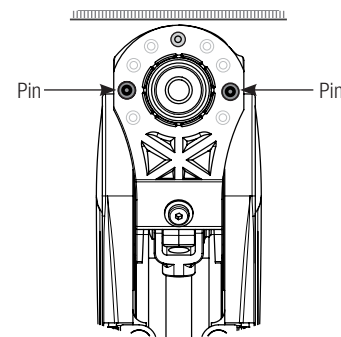
Position pin at 12:00 to prevent the arm from coming in direct contact with the wall on either side

Limits 90° left rotation



Position pins as shown to limit rotation to the left

Limits total rotation

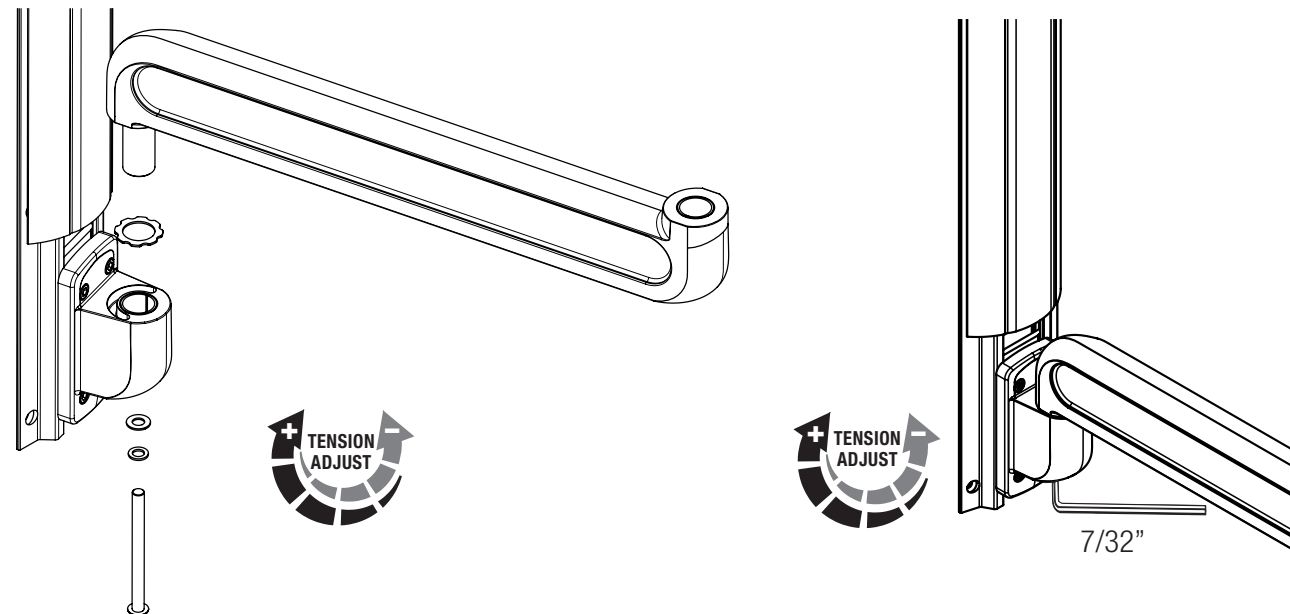


Position pins at 3:00 & 9:00 for a full rotation lock out

OPTIONAL EXTENSION ARM

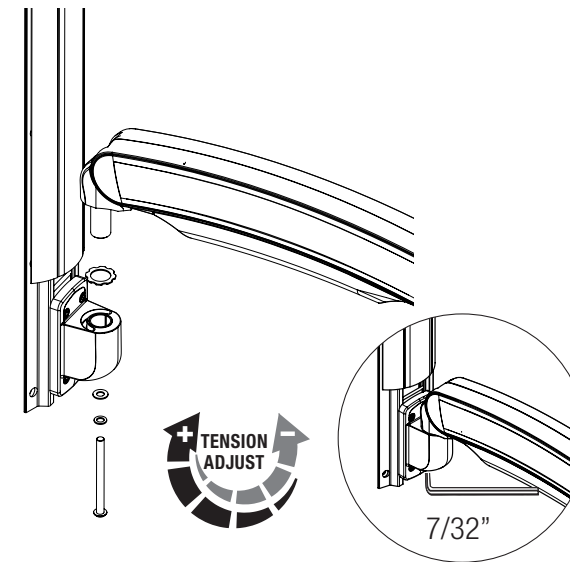
Installation direct to Wall Ear. This is an optional item and not included in all configurations.

For further information please contact your distributor.



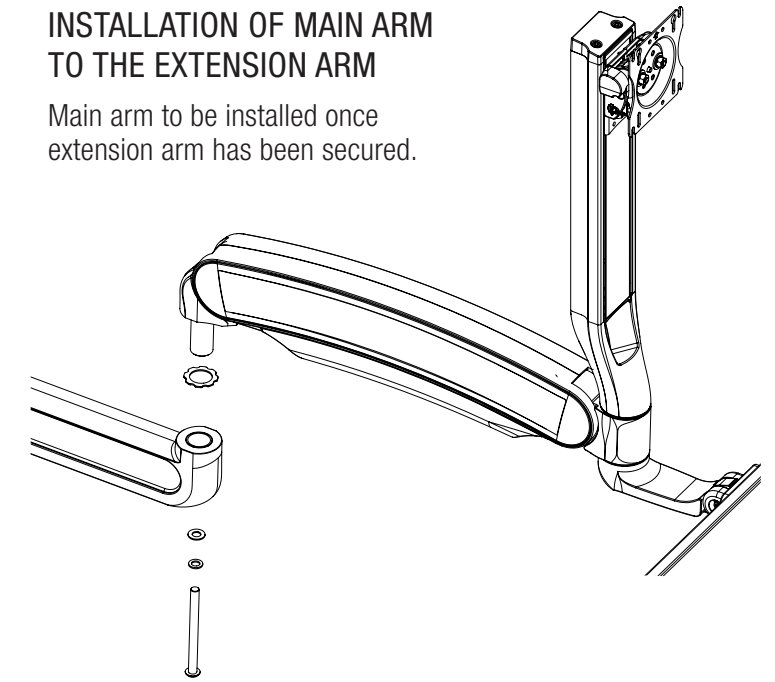
MAIN ARM INSTALLATION

MAIN ARM INSTALLATION DIRECT TO WALL EAR

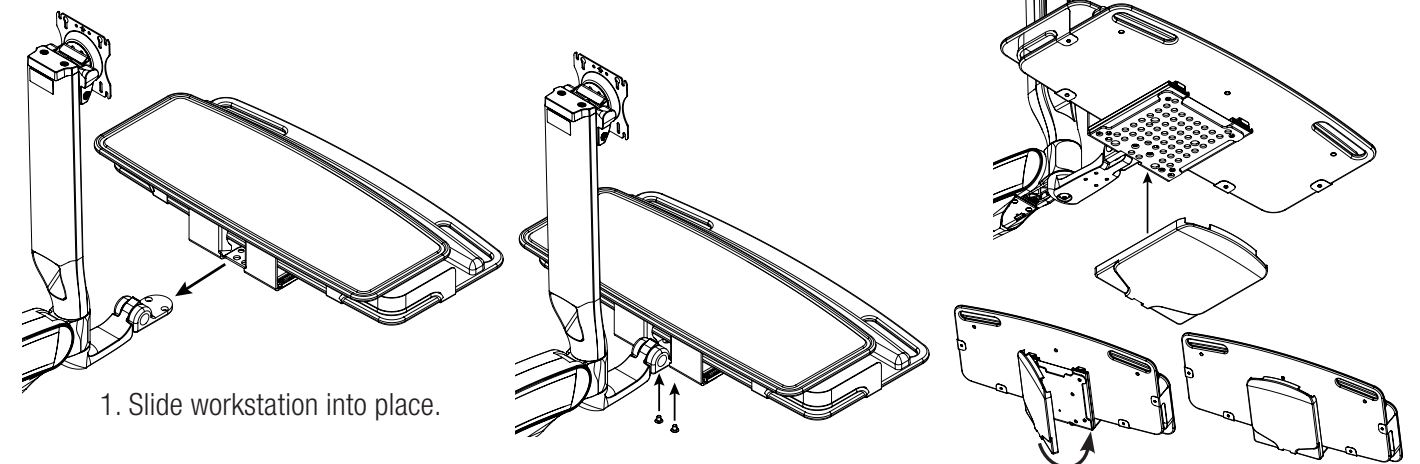


INSTALLATION OF MAIN ARM TO THE EXTENSION ARM

Main arm to be installed once extension arm has been secured.

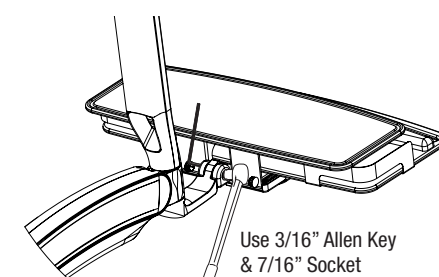


WORKSTATION INSTALLATION

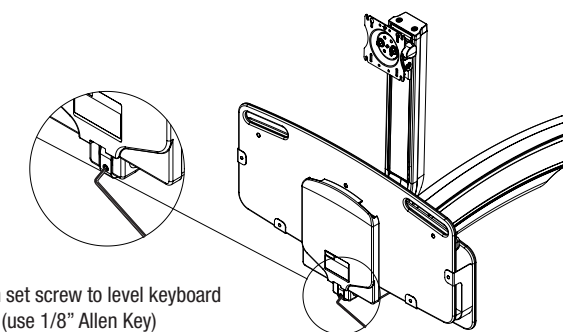


TENSION ADJUSTMENT

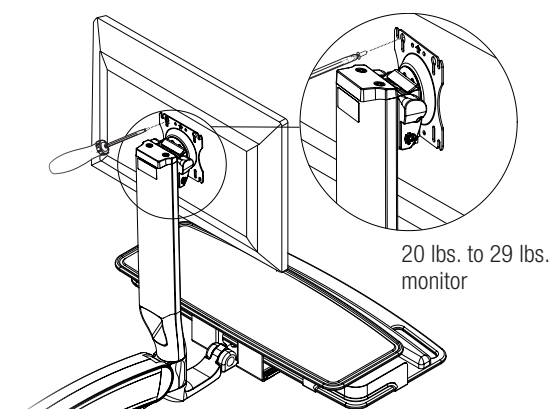
Workstation Flip



WORKSTATION ANGLE ADJUSTMENT

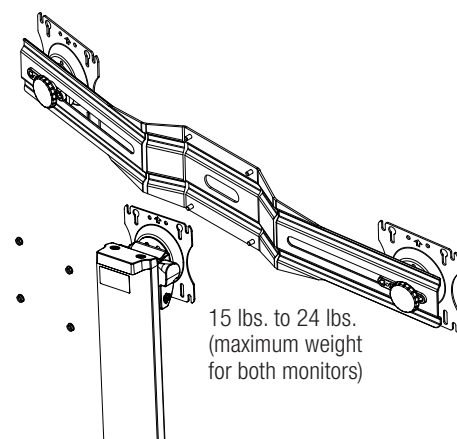


MONITOR INSTALLATION



SINGLE-MONITOR

Mount the monitor directly to the VESA plate on the Float Tower with the four screws provided. (Choose either short or long screws for your application.) Use a #2 Phillips screwdriver to secure.



DUAL-MONITOR (Optional Dual Monitor Kit)

Attach the dual bracket to the Float Tower VESA with the hardware provided in the Dual Monitor Kit. To attach monitors see steps for single-monitor.

ARM COUNTERBALANCE ADJUSTMENTS

Arm adjustment is to be made after all technology has been installed from 20 lbs. to 35 lbs.

ATTENTION:

Arm must be held down to perform this adjustments.

STEP 1

Remove the trim cap at the back of the arm.

STEP 2

Use the 1/4" Allen Key to turn the middle bolt at the back of the arm. Turning the bolt clockwise decreases the spring force reducing the counter balance load. Turning the bolt counterclockwise increases the spring force increasing the counter balance load.

STEP 3

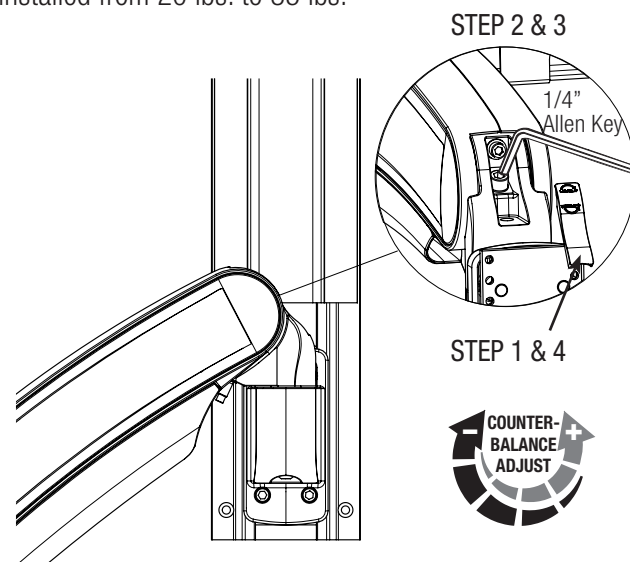
Adjust the middle bolt until the arm counter balance is acceptable.

STEP 4

Replace the trim cap at the back of the arm.



Do not overtighten bolt as this may cause damage to the product.



TENSION ADJUSTMENT OF THE MONITOR

STEP 1

Use the 3/16" Allen Key to remove the two bolts securing the plastic top cap of the Float Tower. Remove cap.

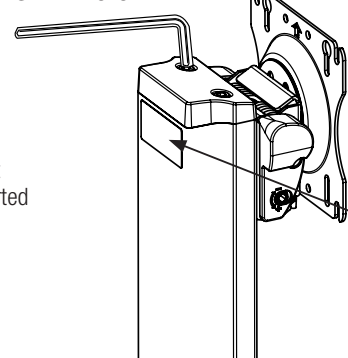
STEP 2

Remove and install pins as necessary per the drawing while holding the monitor in the highest position. If pins are not needed, keep them inserted in the bracket hole for possible future use.

STEP 3

Once tension is acceptable, replace the cap and secure with the screws mentioned in STEP 1. Tighten with 3/16" Allen Key.

STEP 1 & 3

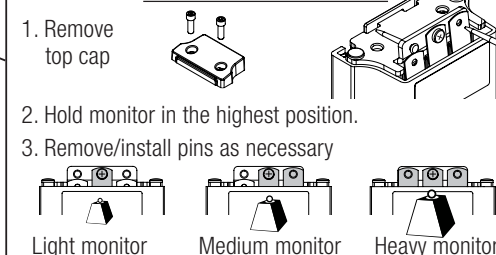


ATTENTION:

Before adjusting the tension of the Float Tower, ensure that the monitor is the highest position on the Tower so that the spring tails are no longer in tension.

RE-INSTALL PINS SO THEY ARE NOT LOST.

TENSION ADJUSTMENT



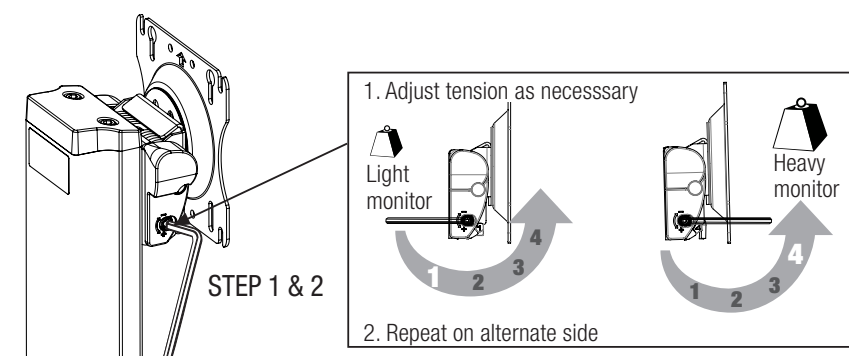
MONITOR TILT TENSION ADJUSTMENT

STEP 1

To adjust the monitor tilt tension, use a 3/16" Allen Key to adjust tension setting on the both sides of the VESA plate. Setting number 1 is for the lightest monitor and 4 is for heavy monitors. The factory default setting is 1.

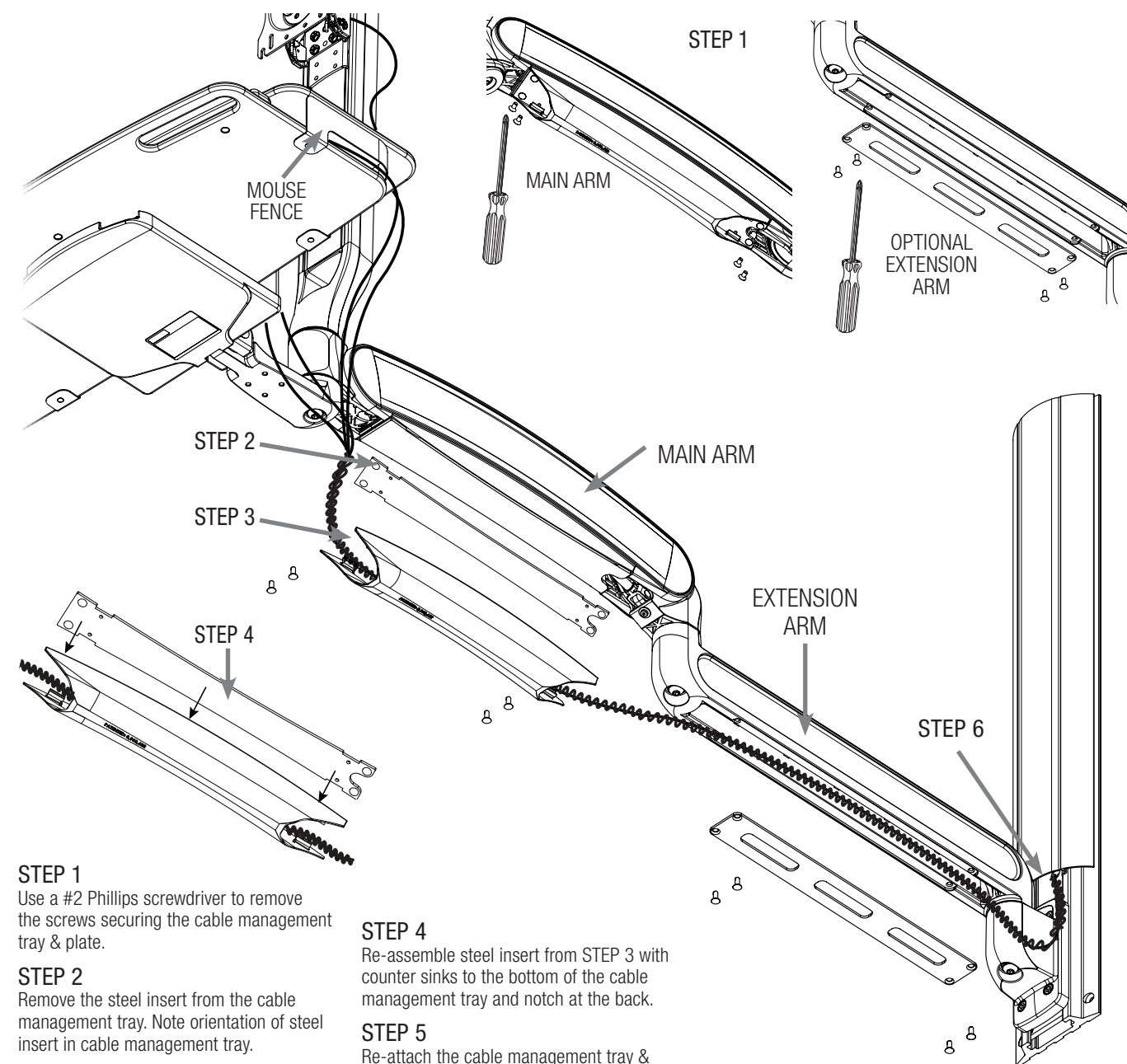
STEP 2

Adjust the setting screw until a desirable tension.



CABLE MANAGEMENT INSTALLATION

After the technology has been installed, ensure there is enough slack in the cables from the monitor, keyboard and mouse along with any other peripherals.



STEP 1

Use a #2 Phillips screwdriver to remove the screws securing the cable management tray & plate.

STEP 2

Remove the steel insert from the cable management tray. Note orientation of steel insert in cable management tray.

STEP 3

Lay all cables (e.g. power, VGA and mouse cables) into the cable management tray. *Make sure to loop the mouse cable through the mouse fence and include it with the other cables.

STEP 4

Re-assemble steel insert from STEP 3 with counter sinks to the bottom of the cable management tray and notch at the back.

STEP 5

Re-attach the cable management tray & plate with the screws removed in STEP 1.

STEP 6

Route cables through the cable cover.

TRAY LEVELING ADJUSTMENTS (Left to Right)

Tray adjustment is to be made after all technology has been installed.

STEP 1

Remove the trim cap at the back of the arm.

STEP 2

Use the 3/16" Allen Key to turn the top bolt at the back of the arm. Turn the bolt until the tray is level.

STEP 3

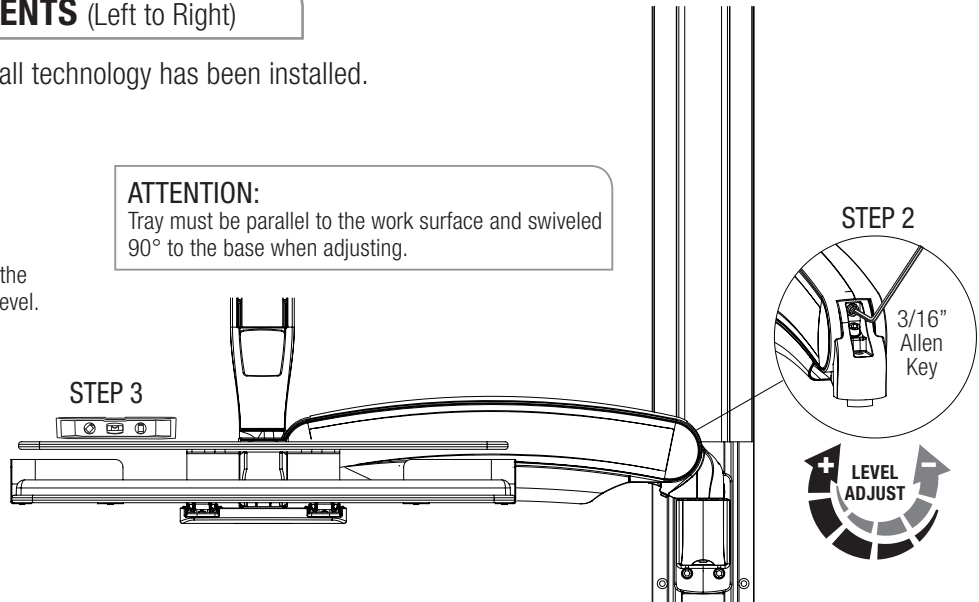
Confirm that surface is level with spirit level.

STEP 4

Replace the trim cap at the back of the arm.

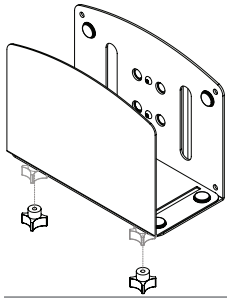
ATTENTION:

Tray must be parallel to the work surface and swiveled 90° to the base when adjusting.

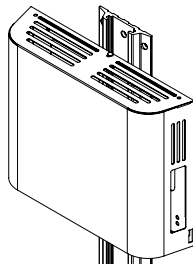


ACCESSORY TRACK MOUNT INSTALLATION

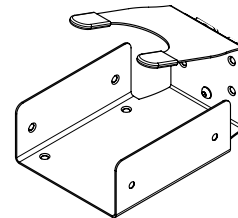
These are optional items and not included in all configurations.



ADJUSTABLE
CPU HOLDER



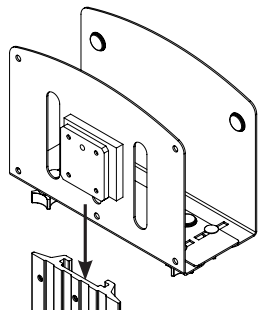
TAMPER-PROOF
CPU HOLDER



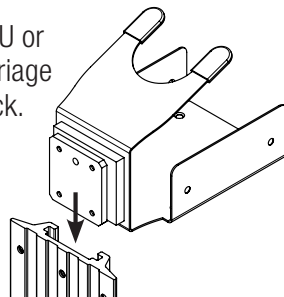
TRACK-MOUNT
BAR CODE
HOLDER

All track mount accessories may be installed directly to wall structures by following mounting surface directions on page 6 and 7. Use the 4 outer most holes and appropriate hardware (not included).

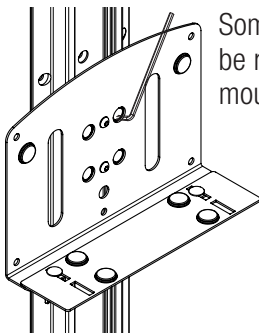
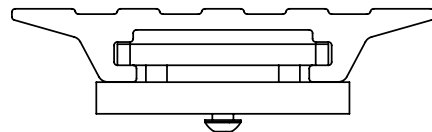
HOW TO INSTALL ONTO THE TRACK



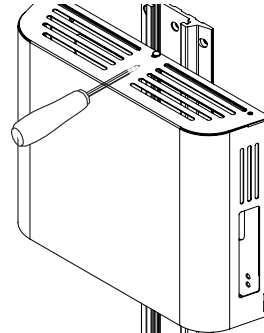
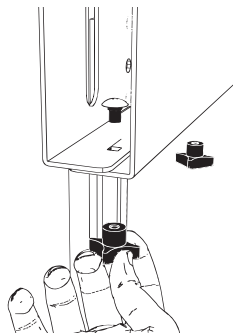
Slide the CPU or
Scanner carriage
onto the track.



Tighten fully and test the CPU Holder remains
in place prior to installing any technology.



Some disassembly may
be required to access
mounting bolts.



Assemble
and secure all
components.