

# flipIT® Monitor Mount Assembly



where design meets technology<sup>sm</sup>

These instructions are for assembling the flipIT® Monitor Mount into a factory made SMARTdesks® product.

For instructional clarity, some panels appear as a light color. Actual color may be black.

Keyboard | Mouse platform, PULL handle, and Lock options have their own packaging, parts lists and installation instructions.

## These instructions are for all models:

- FIK-19 with keyboard | mouse platform
- FIH-19 with PULL handle only
- FIK-23 with keyboard | mouse platform
- FIH-23 with PULL handle only

## Tools Required

- Phillips #2 Driver
- Screw Gun
- Small Blade Screwdriver & Hammer (if gas spring is to be removed)



## Parts



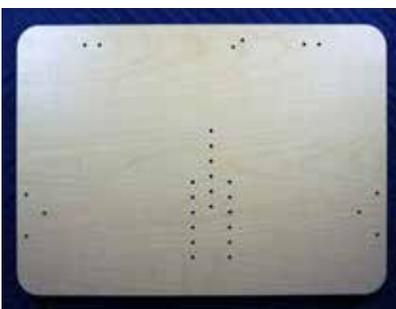
Six (6) pan head Phillips #2 drive wood screws for attaching the frame to the cutout.



Eleven (11) Euro-screws, Phillips #2 drive, for attaching parts to the flipIT Lid Top.



Screen angle adjustment mount for display. VESA mount attaches to monitor and interlocks with this part.



flipIT Lid with metal frame.



One pair (left and right) lid hinge brackets. Note the gas spring post that pairs with the post in the frame for operation. These are shipped partially assembled with bushings in the holes for the hinge pin and cables to attach to the keyboard tray or PULL handle actuator.



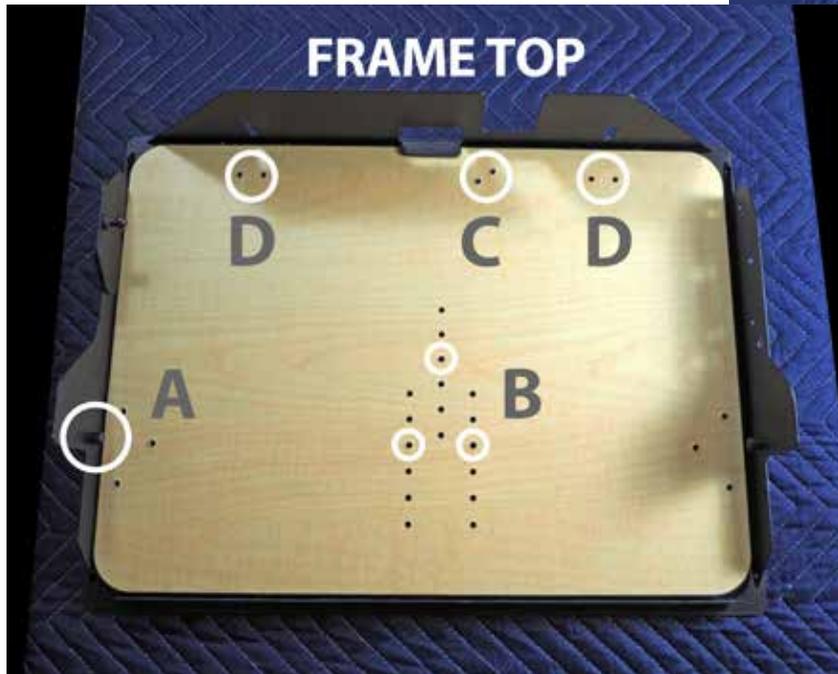
Gas Spring. Install silver shaft part down for extended performance life.



flipIT Lid Latch.

# Set Up a Work Space

Use a furniture blanket to prepare a clean area for assembly that will protect the surfaces from damage and scratching. Keep the area policed so screws don't create the problem you are trying to avoid.



Place the flipIT lid on the blanketed work surface, then place the metal frame around the lid so it is oriented as shown.

## Drilling patterns identified

- **A** is the location for the left side flipIT hinge. The circle indicates the hinge mounting post for the side where the gas spring will mount.
- **B** is the location for the Display Mount
- **C** is the location for the Lid Latch
- **D** are possible locations for the Lid Lock option



## Install Left Bracket to Location A

The left bracket assembly will have a red cable pre-installed at the end of its arm, which will attach to the keyboard tray later. Not the mounting post for the gas spring is also installed, along with a nyklon bushing for smooth lid rotation. Capture the hinge mounting post in the bushing, then use 3 Euro-screws to install the bracket with a screw gun and #2 Phillips driver.



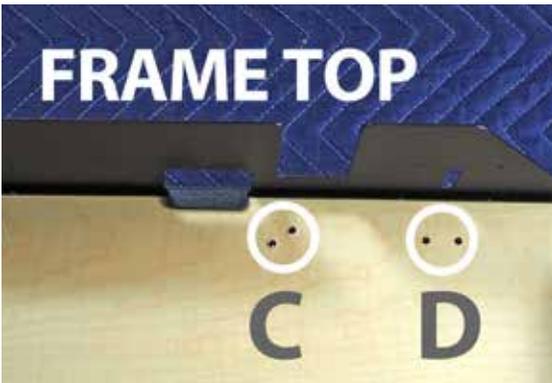


## Install Right Bracket to Opposite Side

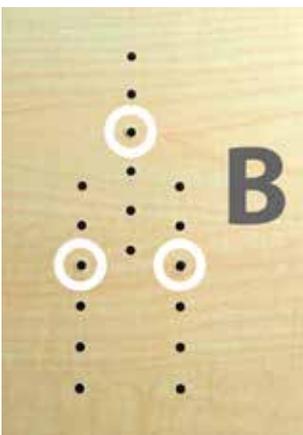
The right side bracket has no gas spring mounting post. Capture the hinge mounting post in the bushing, then use 3 Euro-screws to install the bracket with a screw gun and #2 Phillips driver.



## Install Lid Latch at Location C



At the top of the frame, find the diagonal pilot holes at location C. Use 2 Euro-screws to install the bracket with a screw gun and #2 Phillips driver. If your installation includes an optional Lid Lock, install it at your preference of the location D pilot holes.



## Install Display Mount at Location B



There are 6 sets of mounting holes spaced 1/2" apart to choose from. Mount the bracket in the 3rd one and see if it works with your display. If it needs to be moved, choose the best location. Install with 3 Euro-screws.

# Place flipIT Assembly in Cutout

Get cables and arms to pass through the cutout at a diagonal, then lower the flipIT lid assembly into the cutout. Mind your fingers.



# Install the Frame

Tip the lid up to allow installation of frame with one screw at each corner.



Six (6) pan head Phillips #2 drive wood screws for attaching the frame to the cutout.



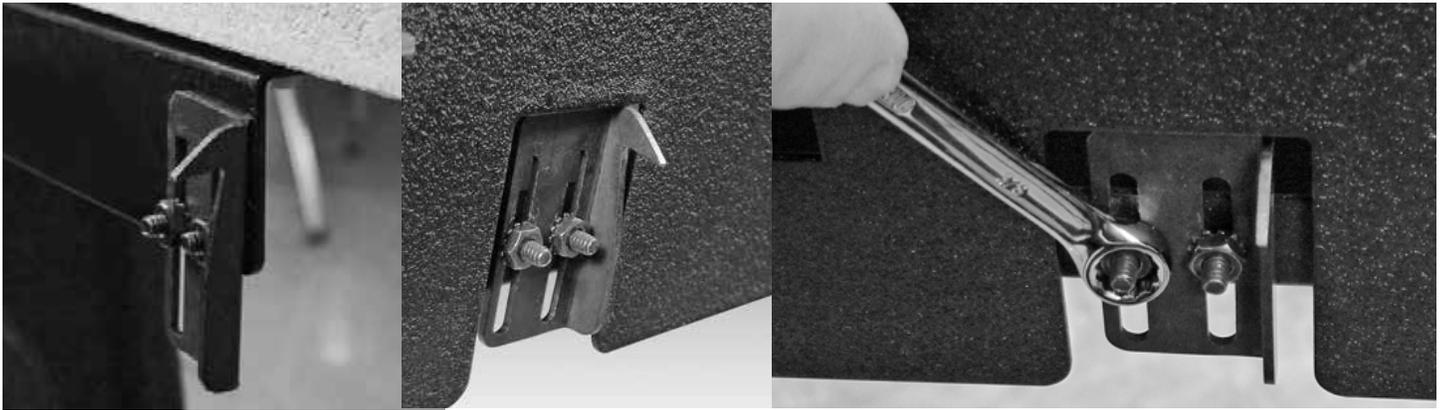
Lift the lid open all the way and complete the installation. One screw installs the right side corner. 3 screws reinforce the gas spring mounting post location on the left side.

# Press Gas Spring Onto Posts on Left Side

The silver shaft must be pressed onto the lower post so the strut is continually lubricated for optimal performance life.

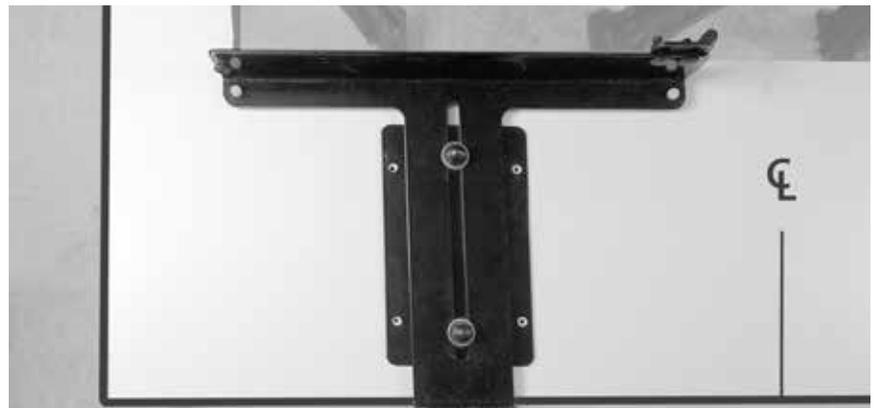


# Register the lid latch hook



- The lid latch hook registers to the same position for both the FIK and FIH flipIT models
- Top thicknesses vary, and the latch hook must pass through the keeper, which is mounted to the lid.
- Use a 3/8" open end wrench to make the adjustment for smooth opening and closing. The gas spring must be operational.

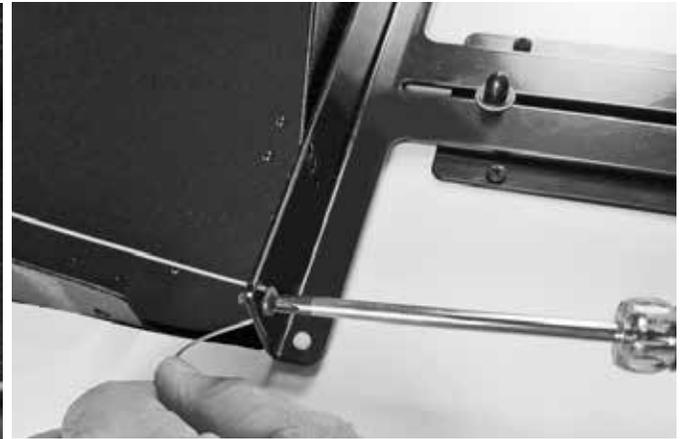
# FIH Models Only: Installing the PULL Handle



- The PULL Handle assembly includes four #10, 5/8" round head wood screws, a cable with eyelet end and a self-tapping metal screw— #10-32 x 3/8 PH, PR, Trilobe (TS295)— used to connect the flipIT lid to the assembly.
- Position the assembly over the pilot holes and install it with the wood screws

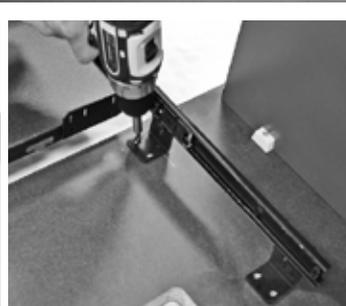
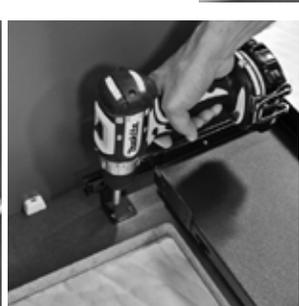
# FIH Models Only: Attach cable arm to PULL Handle

- Thread the cable to the set of holes that line up with the FIH-19 or FIH-23 model.
- FIH-19 inside hole set
- FIH-23 outside hole set
- Install the self-tapping metal screw into the middle hole
- Tension the cable so it is a straight line, but not as tight as a guitar string. If the cable is over-stretched the lid will not close flush.
- Too much slack, and the tipping point may not be reached for opening.
- Fully tighten the screw to hold the cable in place: #2 Phillips blade.



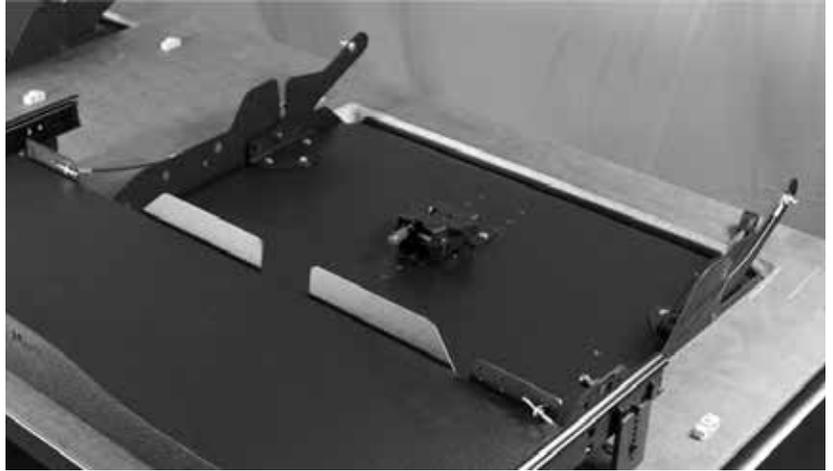
# FIK Models Only: Attach Keyboard Tray

- Assess the installation advantages of mounting L bracket flanges in (toward the Center Line) or flanges out (away from the Center Line).
- Using the four self-tapping metal screws, select the 4th notch of the L bracket and install the four L brackets.
- Place keyboard tray over the pilot holes and install with screw gun and #2 Phillips blade: eight #10, 5/8" round head wood screws.



# FIK Models Only: Attach Keyboard Tray Cables

- The dual arm keyboard tray has slots that align with the FIK-19 and FIK-23
- Choose the slot that gives the cable the most freedom to move without being tangled.

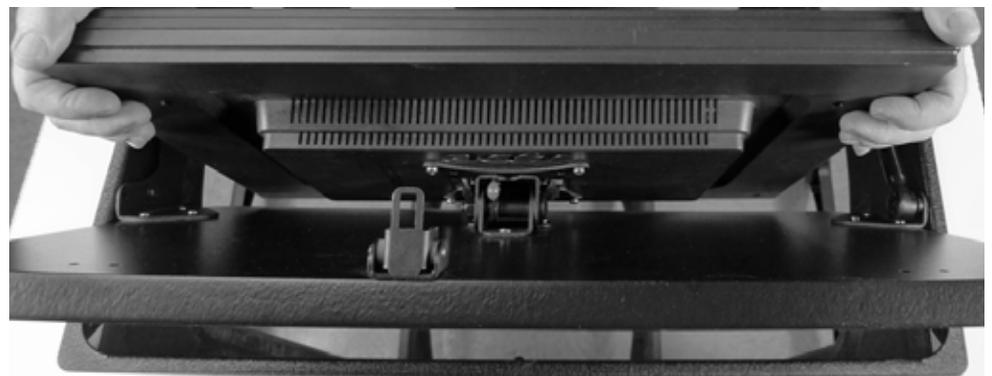
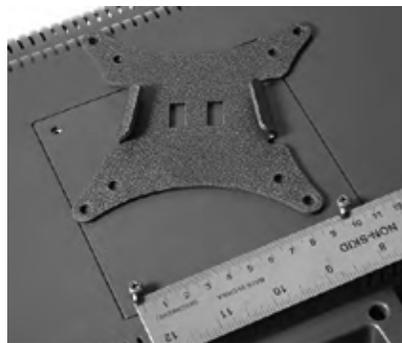


- Slip the cotter pin through the eyelet in the end of the cable to secure it.
- NOTE: If the cable tension is too tight, the lid will not close. If this occurs, it is likely that the keyboard tray is too far forward to the user side. The easiest remedy is to use a small 3/8" S hook you can purchase at a hardware store to lengthen the cable. Cable ties will also work.



# ALL Models: Install VESA Mount to Monitor

- Remove the stand from your monitor and use the screws provided with your display to install the female part of the mount.
- Bring the monitor to the male half of the mounting system and let the monitor snug into place. Gravity does the work.
- A spring loaded keeper pin with a red release knob will engage.
- To remove the display, push back the keeper and lift the display up out of the couple.



# Balancing the monitor for flipIT's fulcrum



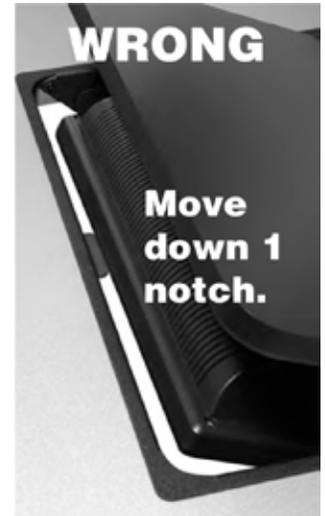
The male half of the VESA mount is attached to the flipIT lid with three Euro screws. Additional mounting locations, at half-inch intervals, are provided to fine-tune the



balance of the opening performance. If the monitor is mounted too high, it will not pass through the cutout.



If it is mounted too low, the opening might be too fast (like jumping off a teeter totter).



## Screen angle adjustment may be done by the user

The VESA mount provides screen angle adjustment.



- Adjust the screen angle by grasping the lid and display top and squeeze the top to reduce the angle.



- Increase the angle by holding the lid with one hand and the top of the display with the other, then bring the display toward you.

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