
INSTALLATION INSTRUCTIONS

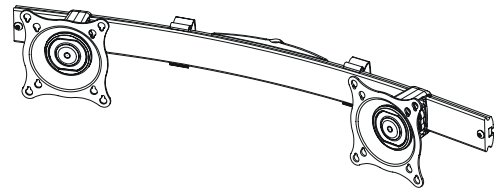
Small Flat Panel FMA Pivot Arrays

Models: FMA-220 and FMA-320

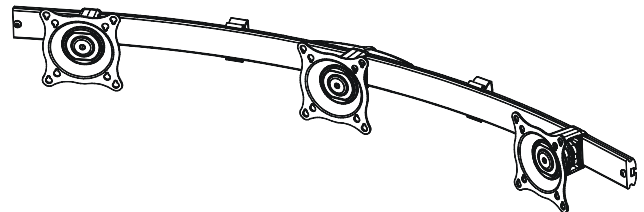
The FMA-220 and FMA-320 pivot array allow both horizontal and vertical display pitch adjustment. The pitch adjustment range is 30° (15° up / 15° down). The mount will pivot nearly full circle, depending on the mounting base.

The FMA is designed to mount two or three 17" displays.

The FMA accommodates standard VESA® 75mm/100mm compliant displays.



FMA-220



FMA-320

BEFORE YOU BEGIN



CAUTION: To prevent damage to your display, which could affect or void the Factory warranty, thoroughly study all instructions and illustrations before you begin to install the mount brackets. Pay particular attention to the "Important Warnings and Cautions" on Page 2.

- Pay particular attention to the Weight Specifications detailed on page 2.
- If you have any questions about this installation, contact Chief Manufacturing at 1-800-582-6480 or 952-582-6480.

**IMPORTANT WARNINGS AND CAUTIONS!**

WARNING: A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.

CAUTION: A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.



WARNING: Improper installation can result in serious personal injury! Make sure that the mounting surface can support a redundant weight factor five times the total weight of the equipment. If not, reinforce the mounting surface structural members before installing the FMA.



WARNING: Be aware of the potential for personal injury or damage to the unit if it is not adequately mounted.



WARNING: The installer is responsible for verifying that the mounting surface to which the



WARNING: FMA is anchored will safely support the combined load of all attached components or other equipment.



WARNING: Watch for pinch points. Do not put your fingers between movable parts.



WARNING: Make sure the mount is correctly oriented.



CAUTION: Check the unit for shipping damage before you begin the installation.



CAUTION: If your monitor uses a longer screw size other than those included in the kit, DO NOT use the screws provided with the mount. Use the screws provided with your monitor or contact the manufacturer. Using the wrong screws could result in damage to your monitor.

WEIGHT SPECIFICATIONS

The table below contains the weight specifications for the FMA Pivot Array configurations.

MODEL	WEIGHT	MAX. FIXED ARM SUPPORT WEIGHT	MAX. HEIGHT ADJUSTABLE ARM SUPPORT WEIGHT
FMA-220*	6.5 lbs (2.9kg)	33 lbs (15kg)	23 lbs (10.4kg)
FMA-320	9.5 lbs (4.3kg)	30 lbs (13.6kg)	N/A



CAUTION: The combined weight of the display(s) installed on any FMA Array using a fixed arm mount must not exceed 40 lbs (18.1 kg), the maximum load capacity of the mount.

* For any FMA-220 model being used on a height-adjustable arm mount, the maximum load must not exceed 30 lbs (13.6kg) the maximum load capacity of the arm.

TOOLS REQUIRED FOR INSTALLATION

- Phillips screwdriver
- 5/32" Hex wrench

NOTE: Other tools may be required depending on your method of installation.

Parts

Unpack carton and verify kit contents . Read installation instructions completely. If any listed cparts are missing, contact Chief Customer Service at 1-800-582-6480.

Table 1: Parts

ITEM	DESCRIPTION	QTY*
10	ARRAY ASSEMBLY, FMA-220	1
20	ARRAY ASSEMBLY, FMA-320	1
30	SCREW, Phillips Pan Head, M4 x 12mm	4
40	SCREW, Phillips Pan Head, M4 x 20mm	4
50	SCREW, Phillips Pan Head, M4 x 30mm	4
60	SPACER, Nylon, 3/8" (used with item 40)	4
70	SPACER, Nylon, 3/4" (used with item 50)	4
80	KEY, Hex, 5/32"	1

* Quantity varies depending upon the number of displays being mounted.

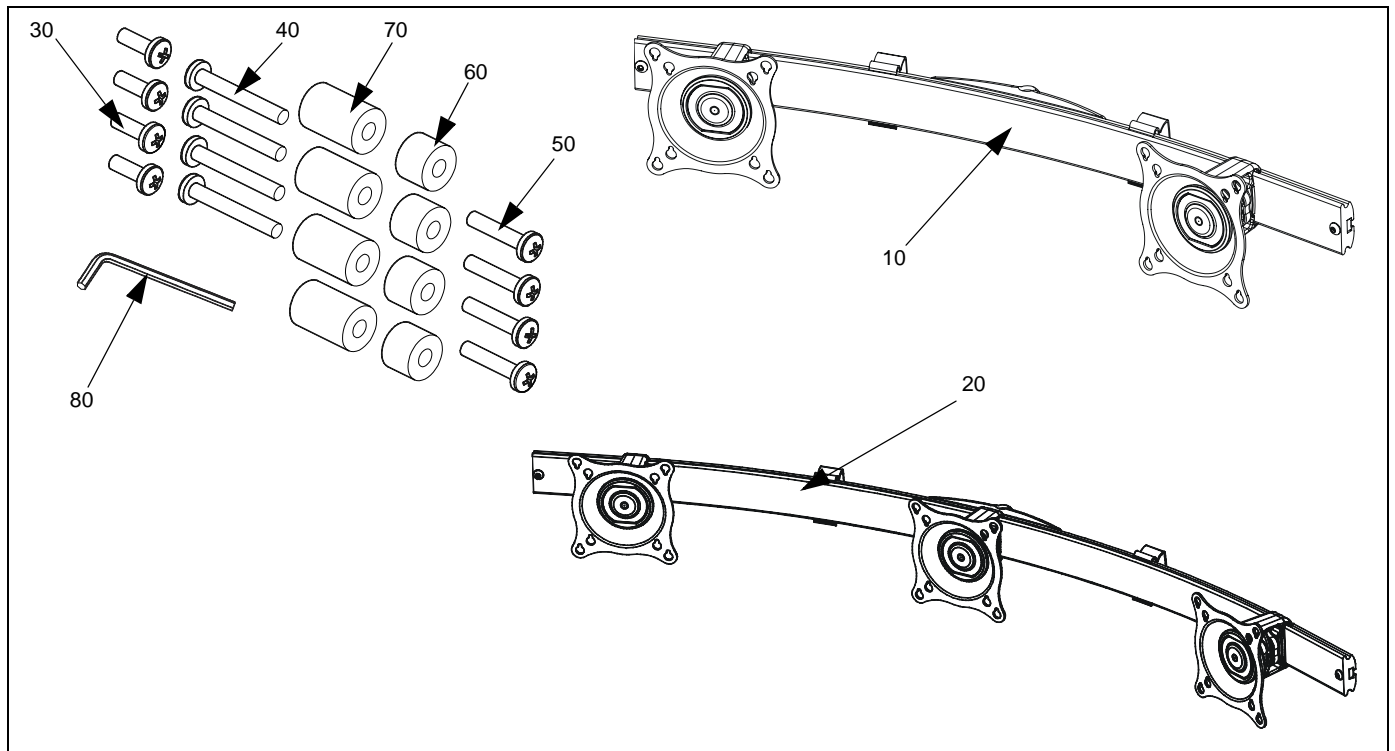


Figure 1: PARTS

INSTALLATION

Preparation of Existing Mount

Installation of the FMA mount requires the modification of most wall or desk mounted pivot and swing arm style mounts.

To prepare the existing mount:

Removing Centris Head from Mount



CAUTION: Watch for pinch points. Do not put your fingers between movable parts.

1. Disconnect power/audio/video cables from display if present.
2. Remove four screws (not shown) attaching display to interface bracket. (See Figure 2)
3. Remove display from interface bracket.
4. Remove button head cap screw, washers, and retaining nut from display end of mount. (See Figure 2)
5. Separate Centris head from mount arm.

NOTE: Do not remove pivot pin and large washer from mount arm. Pivot pin and large washer will be used to attach Array Assembly.

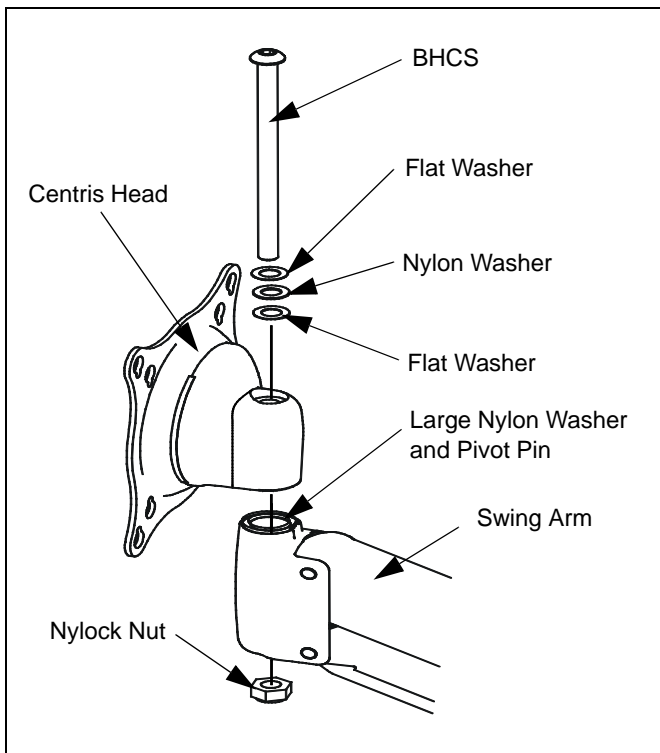


Figure 2: Remove Existing Centris Head

Array Rail Installation

1. Assemble one flat washer, one nylon washer, and a second flat washer onto button head cap screw. (See Figure 3)
2. Insert Nylock retaining nut into swing arm bottom. (See Figure 3)

NOTE: Crown of Nylock nut should be facing down when being positioned for placement into bottom of swing arm.

3. Insert button head cap screw with washers through array rail, and down through large nylon washer and pivot pin. (See Figure 3)
4. Thread button head cap screw into Nylock retaining nut.



CAUTION: Over-tightening cap screw will cause excessive wear and may distort some parts.

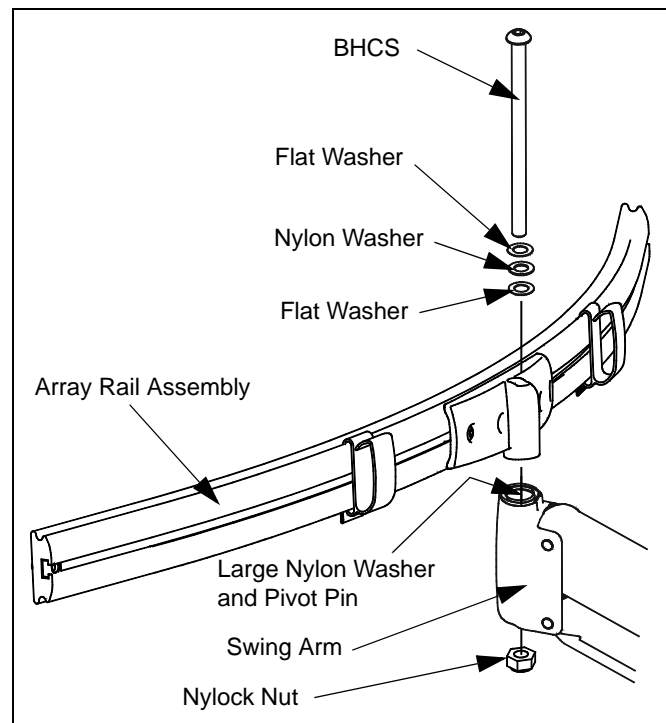


Figure 3: Install Array Rail to Swing Arm

Display Installation

Attach Centris Head to Flush Mount Display



CAUTION: If display uses a screw size other than those included in the kit, DO NOT use the screws provided. Using the wrong screws could result in damage to your monitor.

1. Install two M4 x 12mm Phillips pan head screws (30) into two upper mounting holes in display back. (See Figure 4)

NOTE: DO NOT fully tighten at this time.

2. Hang display on Centris head. (See Figure 5)
3. Install bottom two M4 x 12mm Phillips pan head screws (30) through Centris head mounting holes and into lower mounting holes in display back.
4. Tighten four M4 x 12mm Phillips pan head screws (30). (See Figure 6)

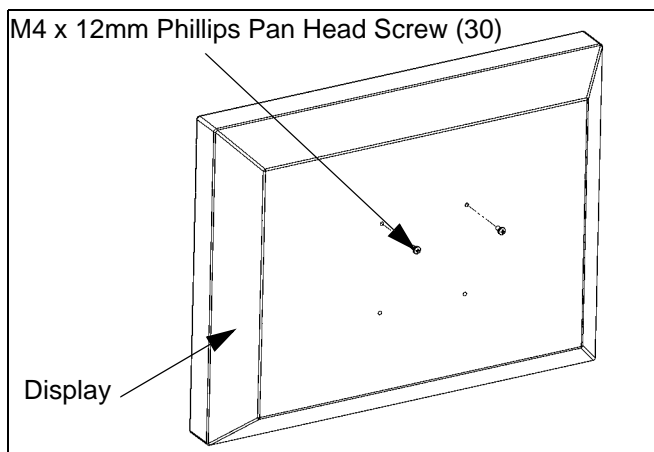


Figure 4: Prepare Display

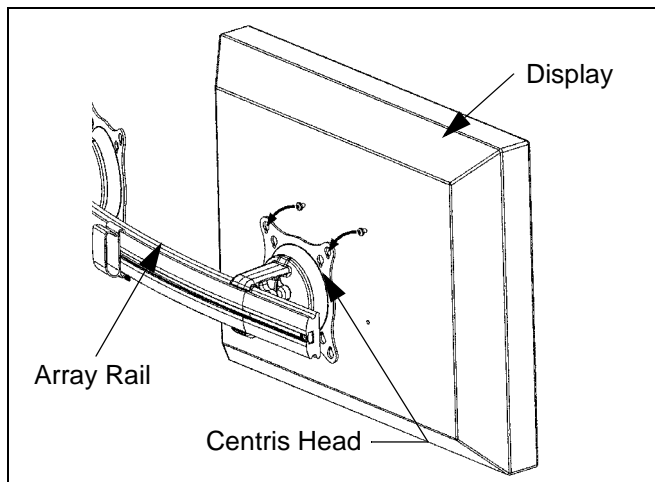


Figure 5: Hang Display

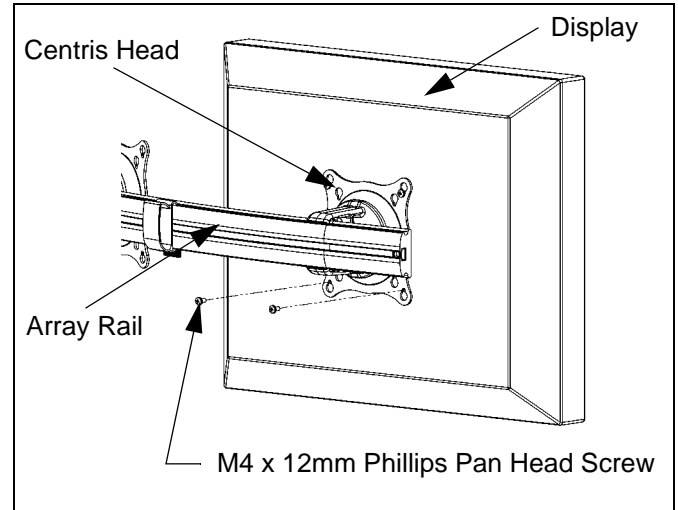


Figure 6: Secure Display to Centris Bracket

Attach Centris Head to Recessed Mount Display

NOTE: Refer to Table 3 to select the applicable screw and spacer combination.

1. Uninstall end lock using the 5/32" hex key (80). (See Figure 7)
2. Remove Centris head from mounting rail.

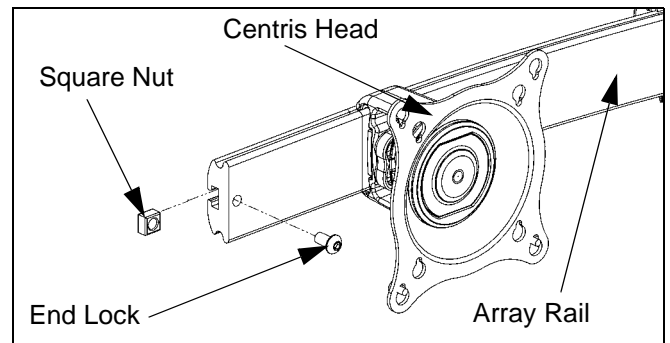


Figure 7: Remove End Lock(s)

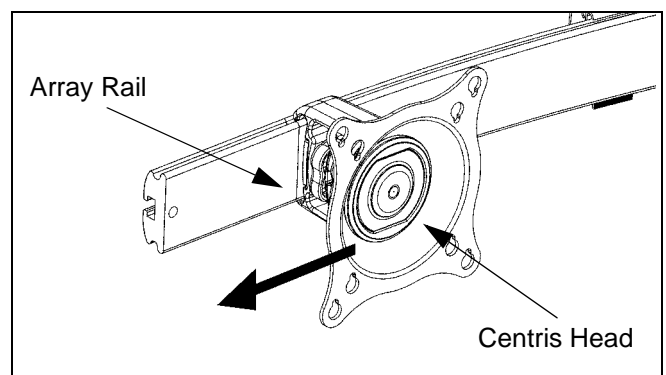


Figure 8: Slide Centris Bracket off Array Rail

3. Place display face down on a clean dry surface.
4. Place four 3/8" or 3/4" nylon spacers (60 or 70) over four mounting holes in display back.
5. Align Centris head mounting holes with four nylon spacers.
6. Secure Centris head to display using four M4 x 20mm Phillips pan head screws (40), or four M4 x 30mm Phillips pan head screws (50).

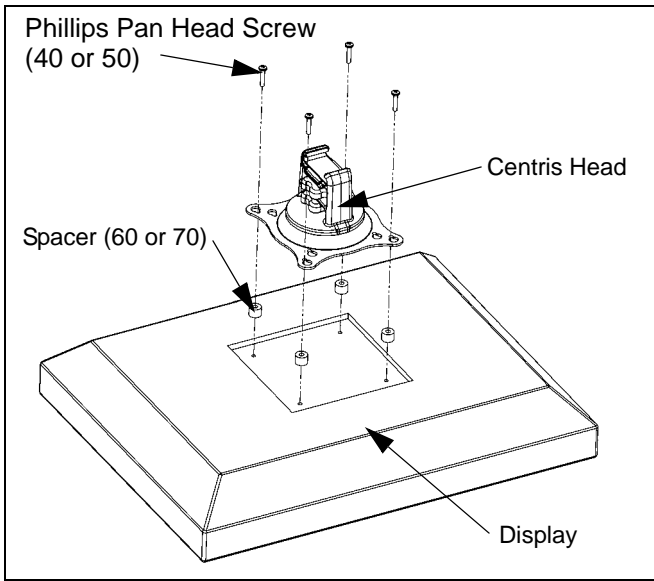


Figure 9: Mount Centris Bracket to Display

7. Slide display with Centris bracket onto mounting rail.
- NOTE:** Repeat previous steps for each additional display.
8. Install end locks into mounting rail using the 5/32" hex key (80).

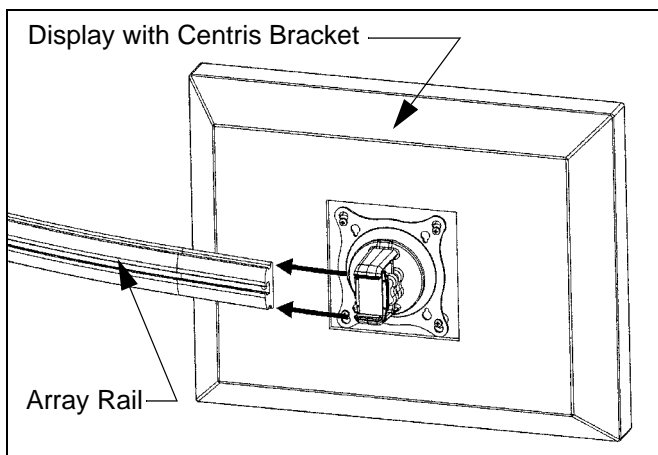


Figure 10: Mount Display with Centris Bracket to Array Rail

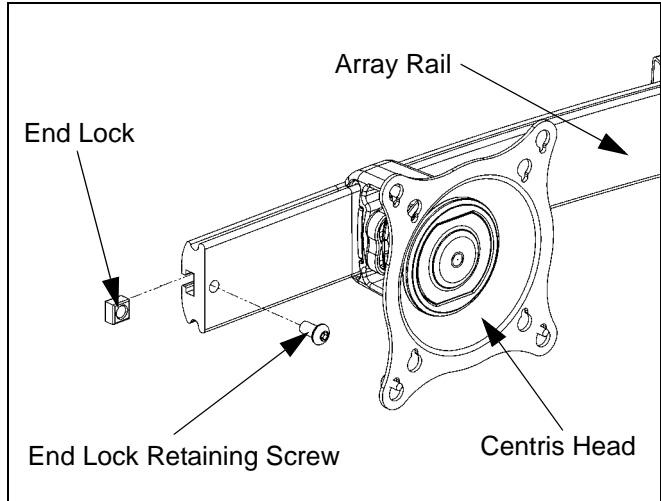


Figure 11: Install End Lock(s)

Display Adjustment

The FMA-220 and FMA-320 allow horizontal, pitch, and rotational adjustment of each display.

The FMA-220 and FMA-320 also allow a full 360 deg. of display rotation with a maximum pitch range of 15° up and 15° down.

Display Horizontal Position Adjustment

To adjust display horizontal position:

1. Loosen Centris bracket rear adjustment knob. (See Figure 12)
2. Slide Centris bracket with display left or right until properly positioned on array rail.
3. Tighten Centris bracket rear adjustment knob.

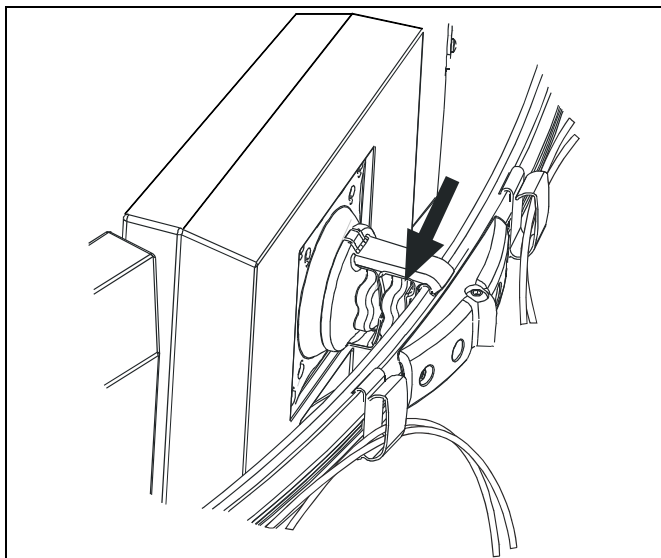


Figure 12: Display Horizontal Adjustment

Display Pitch and Roll Adjustment

To adjust display pitch or roll position:

1. Loosen Centris bracket front adjustment knob.
(See Figure 13)
2. Tilt display up or down, or adjust display roll left or right until properly positioned.
3. Tighten Centris bracket front adjustment knob.

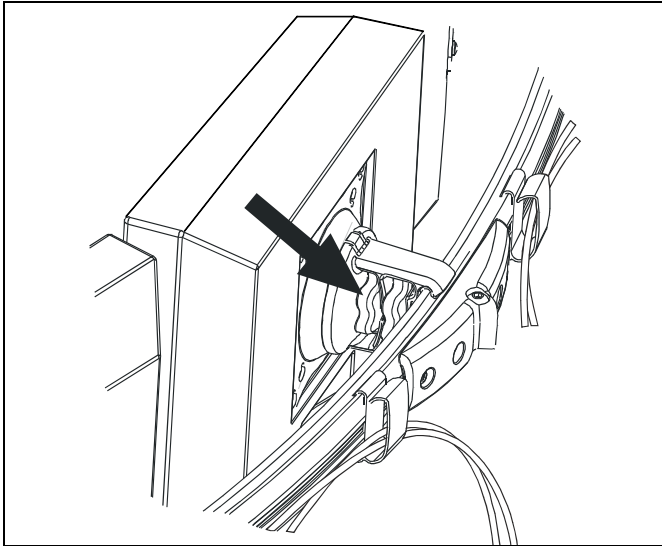


Figure 13: Display Pitch and Roll Adjustment

