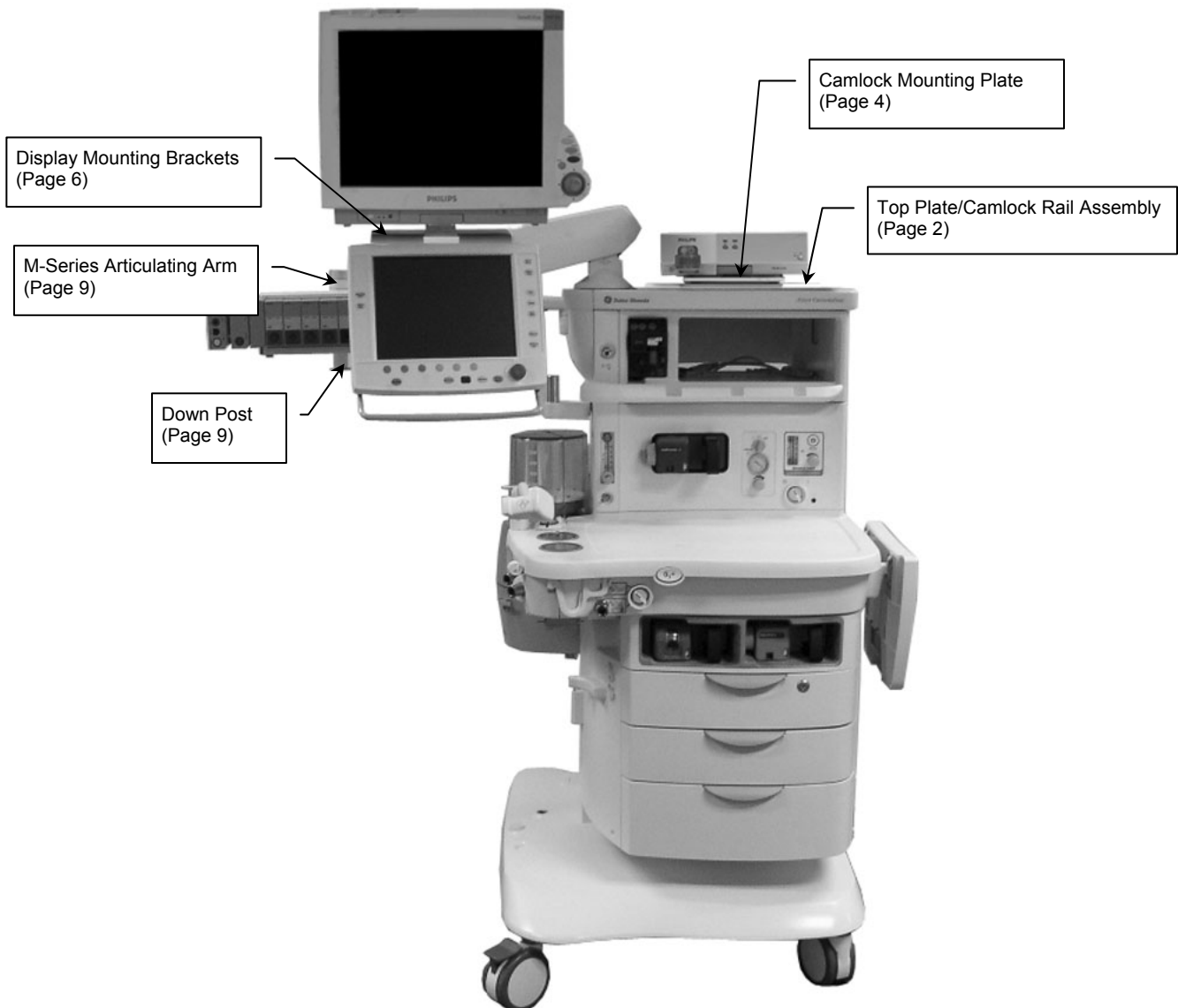


## Installation Guide

### Installation Kit for Mounting Philips MP20/30/40/50/60/70 on GE Healthcare Aisys Carestation

The purpose of this guide is to:

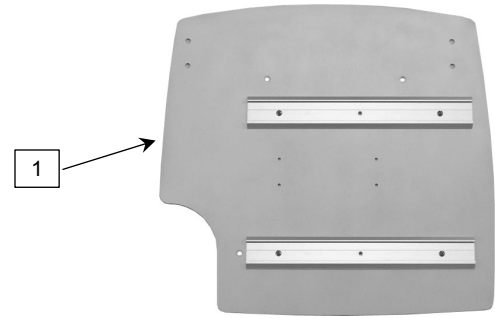
1. Describe mounting of Top Plate/Camlock Rail Assembly on top of machine.
2. Describe attachment of table top mount to Camlock Mounting Plate.
3. Describe mounting of Camlock Mounting Plate in camlock rails.
4. Describe attachment of Lower Display Mounting Bracket to display arm.
5. Describe attachment of Upper Display Mounting Bracket to Lower Display Mounting Bracket
6. Describe mounting of Articulating Arm on left side of machine.



## Parts Reference

The following parts and hardware are included with this installation kit (hardware not shown):

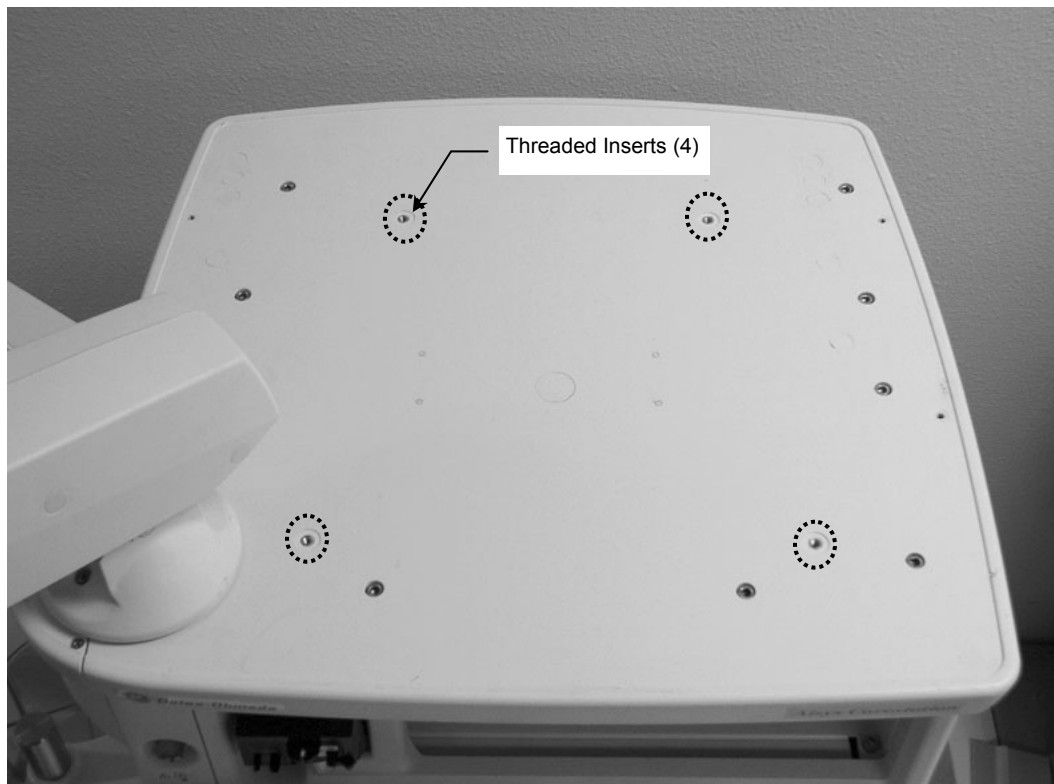
Item #	Description	Qty
1	Top Plate/Camlock Rail Assembly	1
2	M5 x 12mm Flat Head Machine Screw (FHMS)	4



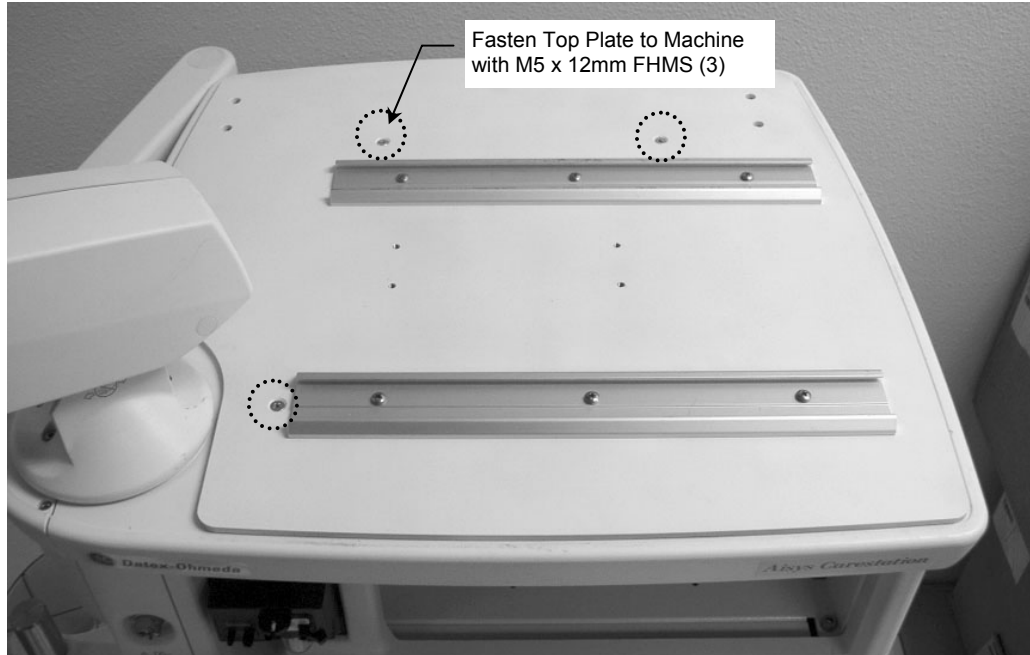
**Tools required:** Phillips screwdriver (not provided).

## Attaching Top Plate to Top of Anesthesia Machine

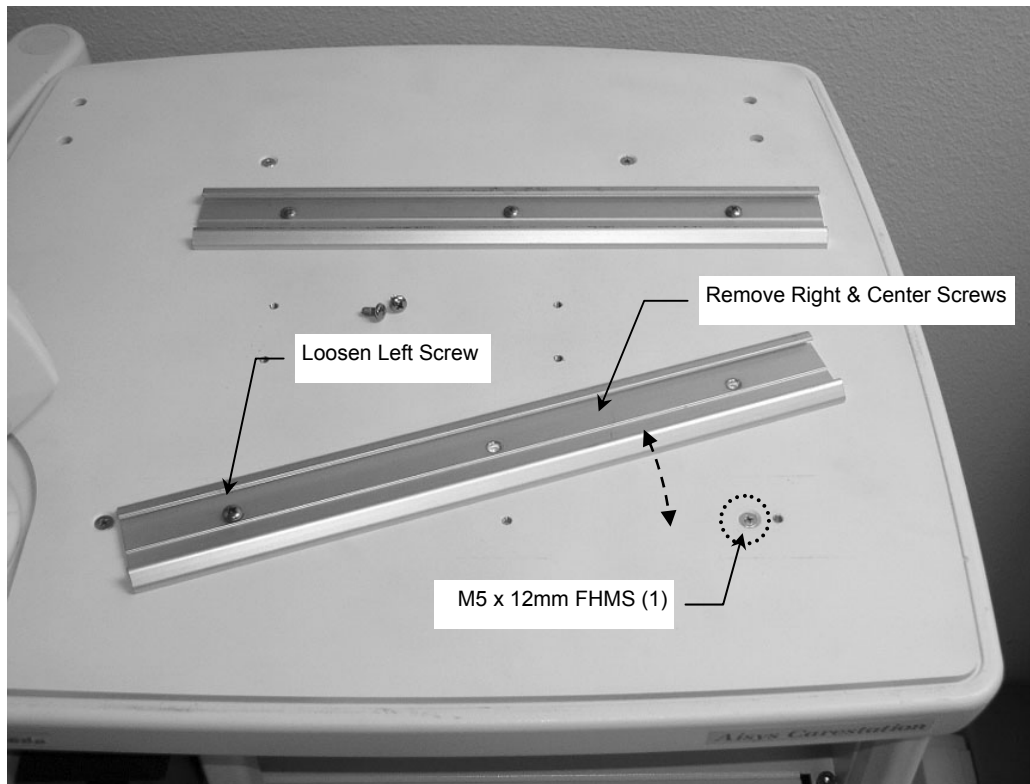
1. Locate the four (4) threaded inserts shown in photo below. **Installation Notes:** It may be necessary to remove hole covers to expose the threaded inserts. The right front mounting hole will be covered by the front Camlock Rail (see step 3).



2. Align three (3) mounting holes in Top Plate with corresponding threaded inserts in top of machine. Fasten Top Plate to machine with three (3) M5 x 12mm FHMS. **Installation Note:** A fourth screw will be installed in step 3.



3. Unscrew and remove right and center screws from front Camlock Rail. Loosen left screw and rotate Rail enough to allow access to fourth mounting hole. Install M5 x 12mm FHMS in threaded insert. Return Rail to original mounting position, reinstall right and center screws, and tighten left screw in Camlock Rail.



## Attaching Table Top Mount to Camlock Mounting Plate

The following parts and hardware are included with this installation kit (hardware not shown):

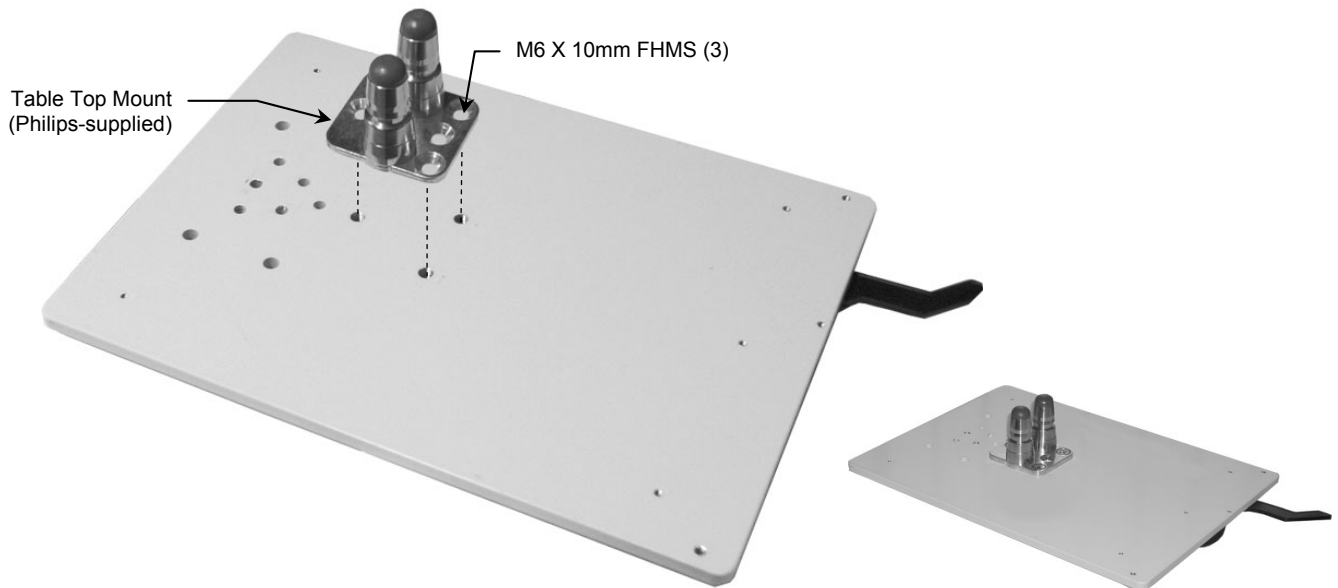
Item #	Description	Qty
1	Camlock Mounting Plate	1
2	M6 x 10mm Flat Head Machine Screw (FHMS)	3
3	M4 x 20mm PHMS	2
4	#6-32 x 1/2" PHMS	1



**Tools required:** Phillips screwdriver (not provided).

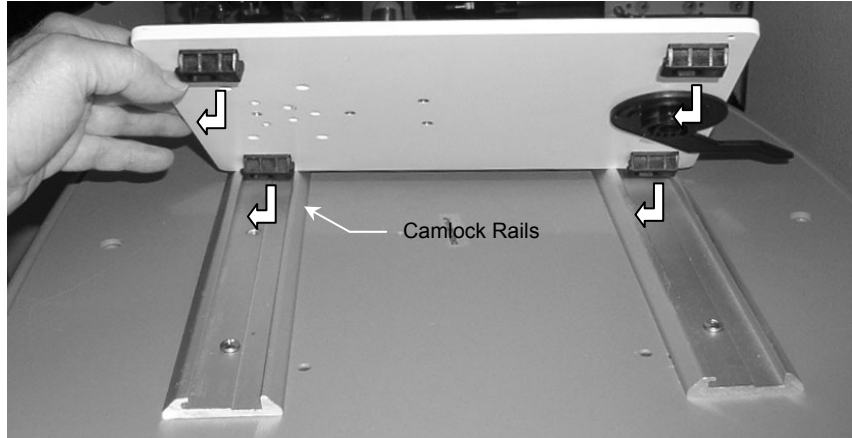
**Installation Note:** Table Top Mount is supplied by Philips.

1. Fasten Table Top Mount to Camlock Mounting Plate with three (3) M6 x 10mm FHMS.

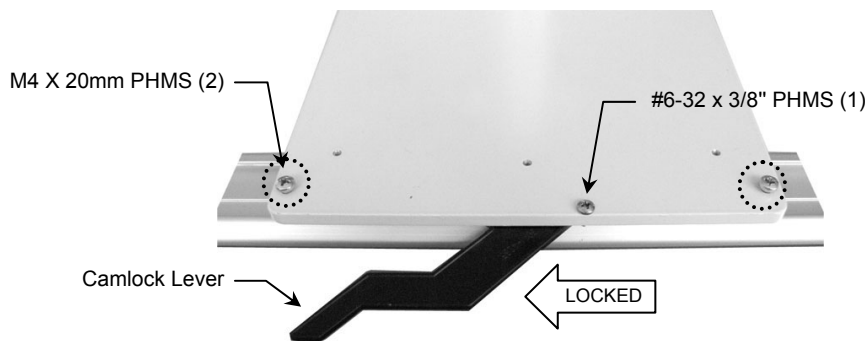


## Mounting Camlock Mount in Camlock Rails

1. Insert four (4) feet (bottom of Camlock Mount) into Camlock Rails. **Installation Note:** Camlock Lever must be in the "unlocked" position when mounting feet in Rails.



2. Move Camlock Lever from right to left to lock Mount in Rails. To prevent Camlock Lever from being unlocked, insert one (1) #6-32 x 3/8" PHMS in threaded hole to the right of Lever. Insert one (1) M4 x 20mm PHMS in each of the two (2) threaded holes at rear corners of the Mount as shown below. Stop tightening when screws contact bottom of Rail.



## Mounting the Monitor

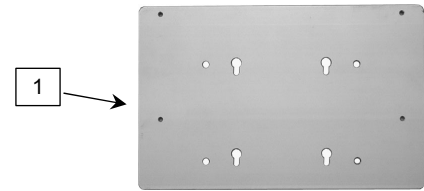
Mount the monitor in accordance with the Philips Table Top Mount instructions.



## Attaching Lower Display Mounting Bracket to Display Arm

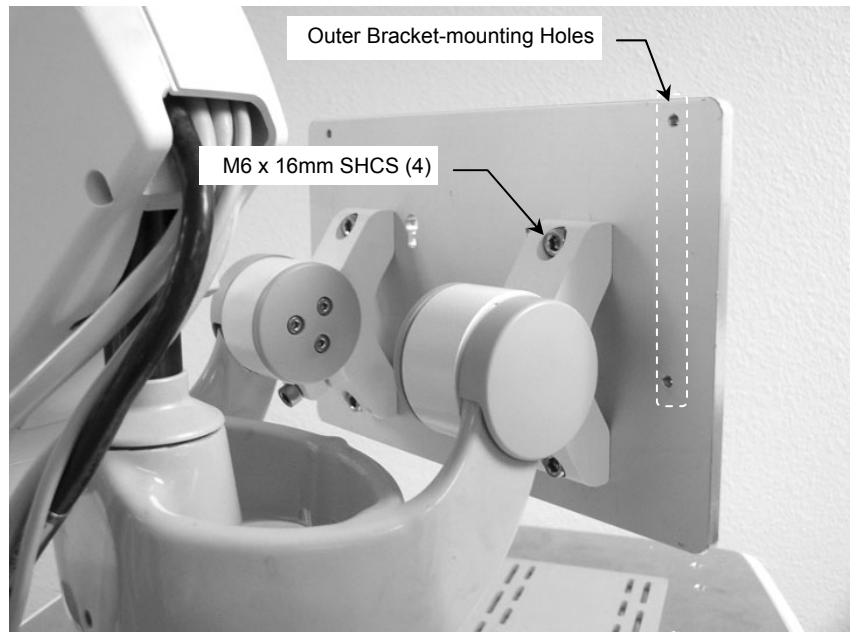
The following parts and hardware are included with this installation kit (hardware not shown):

Item #	Description	Qty
1	Lower Display Mounting Bracket	1
2	M6 x 16mm Socket Head Cap Screw (SHCS)	4
3	M4 x 12mm SHCS	4
4	3/16" Hex Wrench	1



**Tools required:** 3/16" hex wrench (provided), Phillips screwdriver (not provided).

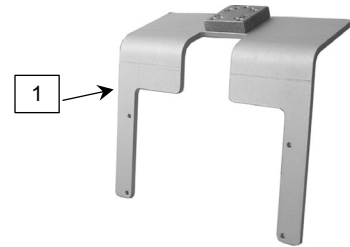
1. Remove existing display and counterweight from display arm in accordance with the Aisys Technical Reference Manual.
2. Align Lower Display Mounting Bracket with outer bracket-mounting holes oriented as show below right. Using the 3/16" hex key, fasten the Sub Plate to the display arm with four (4) M6 x 16mm SHCS (below right).



## Attaching the Upper Display Mounting Bracket

The following parts and hardware are included with this installation kit (hardware not shown):

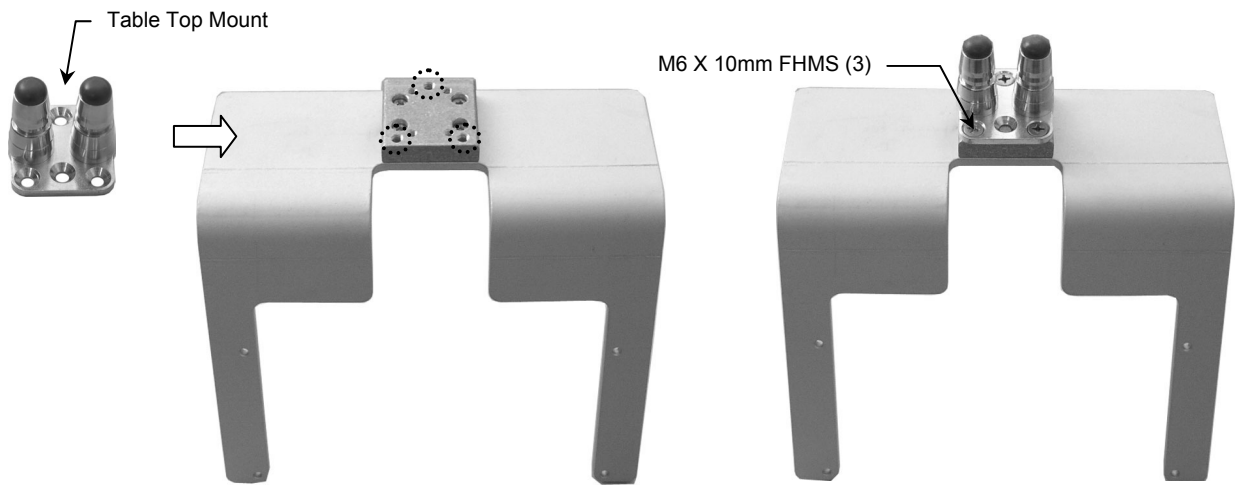
Item #	Description	Qty
1	Mounting Bracket	1
2	M6 x 10mm FHMS	3
3	M4 x 12mm PHMS	4



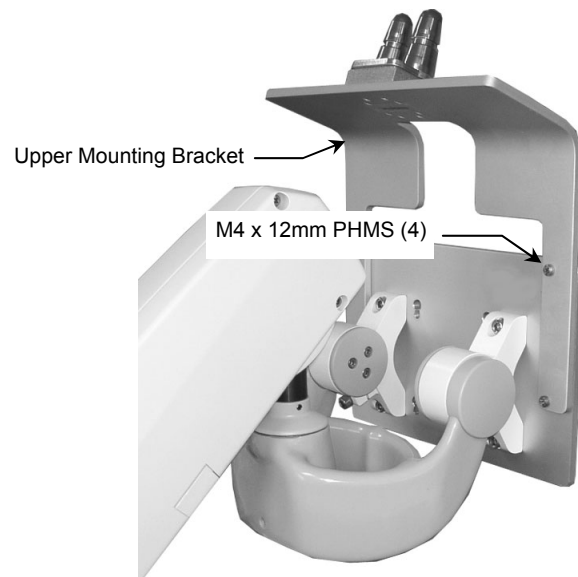
**Tools required:** Phillips screwdriver (not provided).

**Installation Note:** Table Top Mount is supplied by Philips.

1. Fasten Table Top Mount to Mounting Adapter on Mounting Bracket with one (1) M6 x 10mm FHMS and two (2) M6 x 8mm FHMS (see below).



2. Locate four (4) mounting holes on the Sub Plate (below left). Fasten Mounting Bracket to Sub Plate with four (4) M4 x 12mm PHMS.

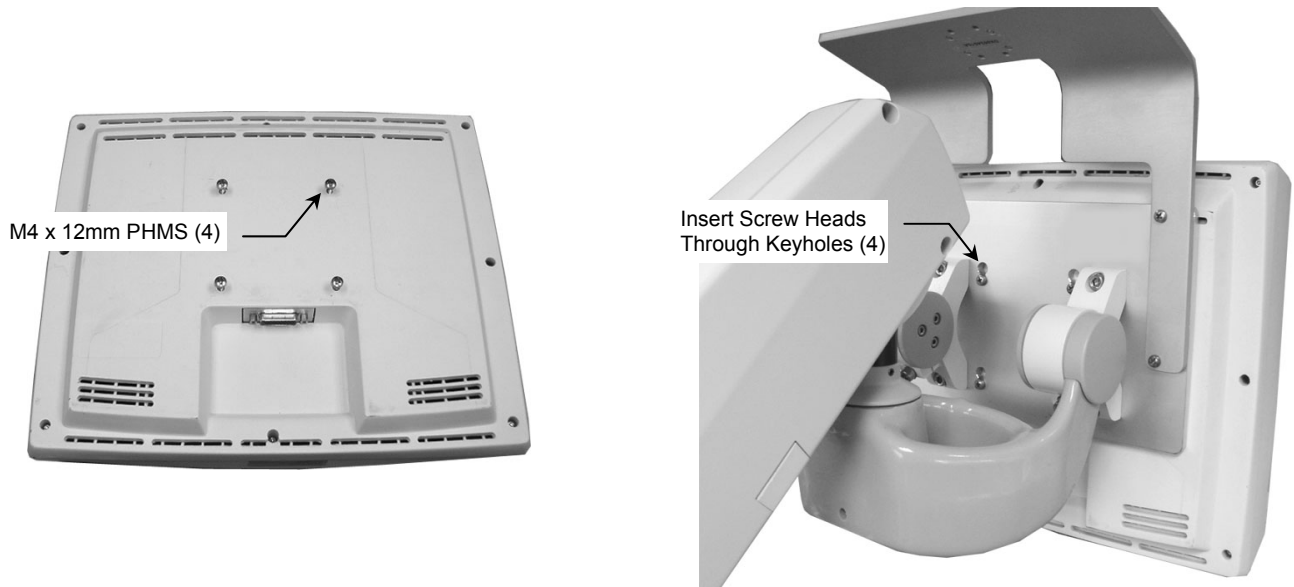


### Mounting MP40/50 or MP60/70 on Table Top Mount

Mount monitor in accordance with Philips Table Top Mount instructions.

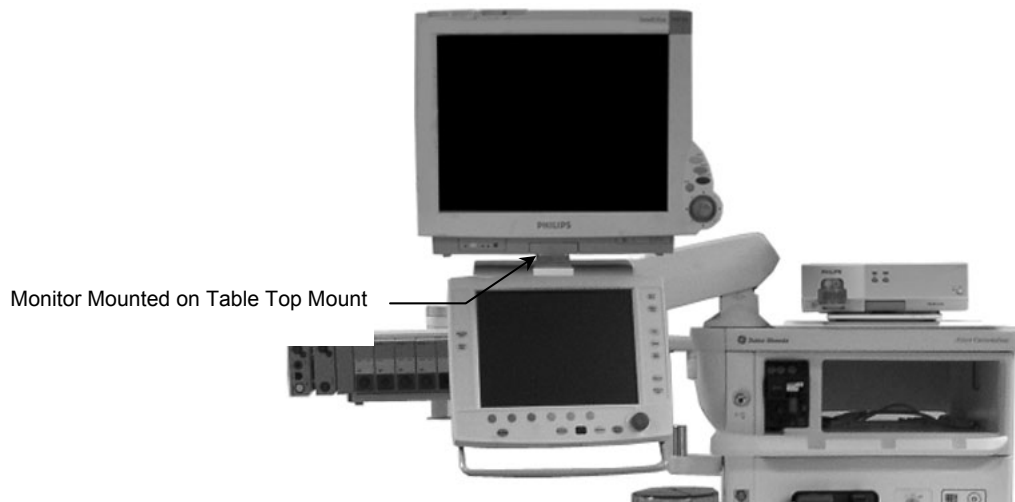
### Mounting Ventilator Display on Lower Display Mounting Bracket

1. Thread four (4) M4 x 12mm PHMS into mounting holes on rear of display. Leave 8mm of thread exposed for inserting screw heads through keyholes in Display Mounting Bracket.
2. Mount ventilator display on Sub Plate by hanging the four (4) PHMS in the keyholes. Tighten all screws.



### Mounting MP40/50 or MP60/70 on Table Top Mount

Mount monitor in accordance with Philips Table Top Mount instructions.

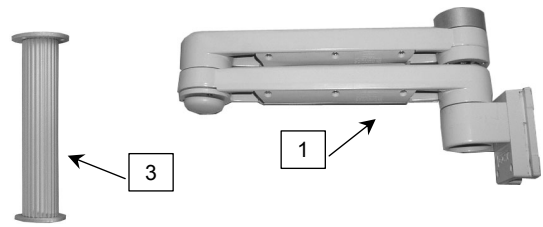




## Attaching Down Post to Articulating Arm and Mounting Arm in Left Channel

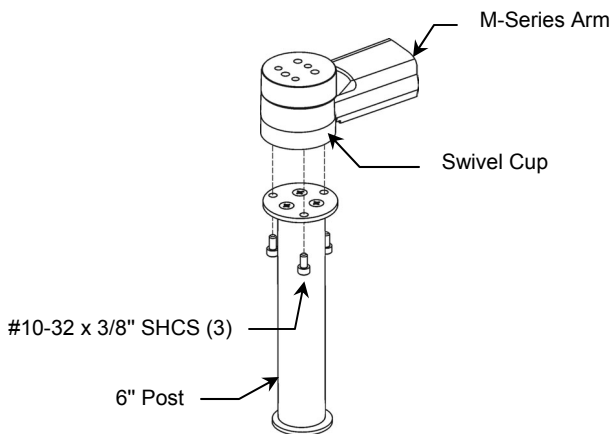
The following parts and hardware are included for this installation procedure (hardware not shown):

Item #	Description	Qty
1	M-Series Articulating Arm, 12" x 12"	1
2	1/8" Hex Wrench	1
3	Down Post, 6"	1
4	#10-32 x 3/8" Socket Head Cap Screw (SHCS)	3
5	5/32" Hex Wrench	1
6	1/8" Hex Wrench	1

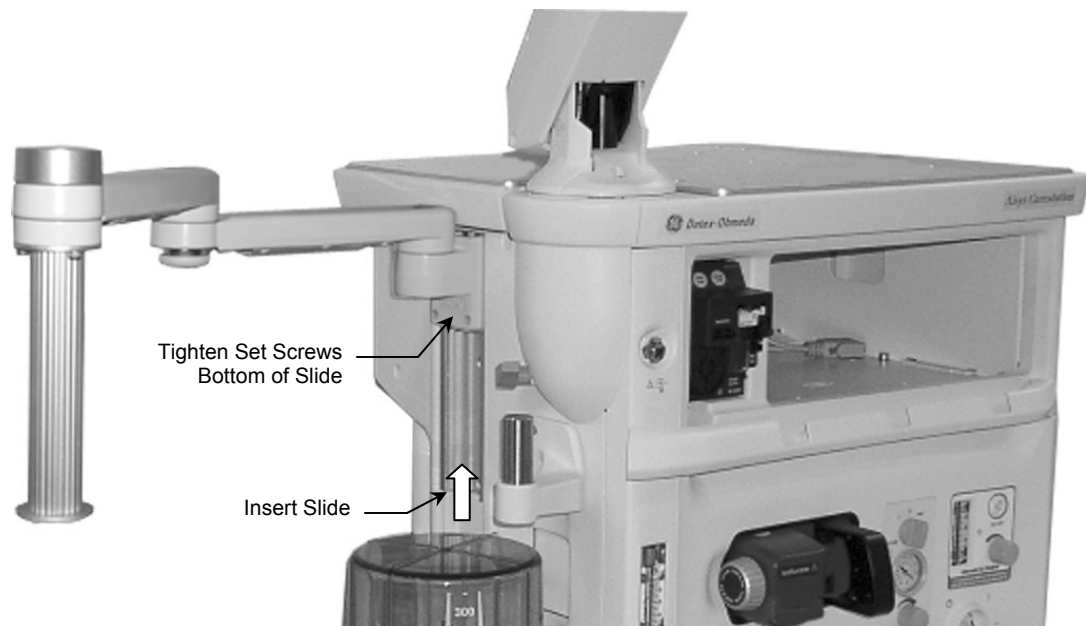


**Tools required:** 5/32" and 1/8" hex wrenches (provided).

- Using the 5/32" hex wrench provided, fasten Post to Swivel Cup with three (3) #10-32 x 3/8" SHCS as shown below.

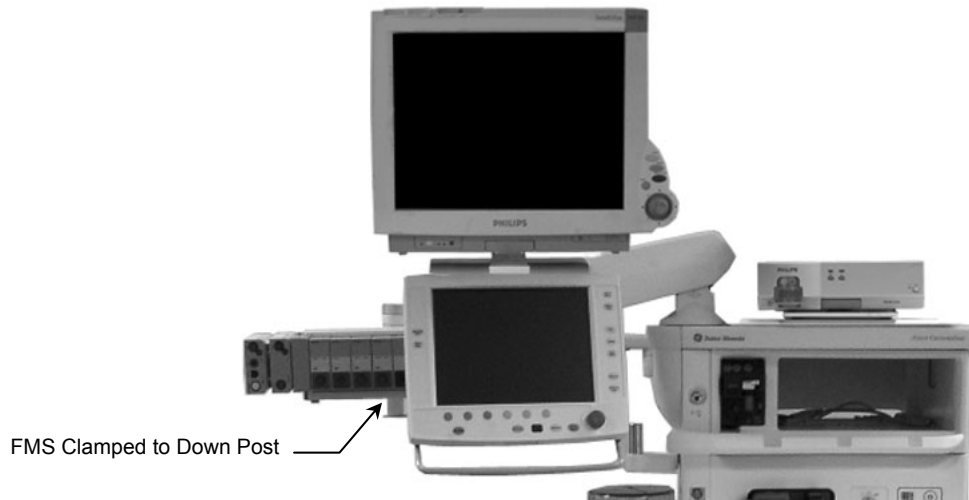


- Insert the Slide (rear of Arm) in bottom of left side channel and move to desired mounting position. Using the 1/8" hex wrench provided, tighten two (2) socket head set screws at bottom of Slide.



## Mounting FMS on Down Post

Follow Philips instructions for mounting FMS on Down Post. A Philips-supplied clamp is required for this installation.



## Routine Maintenance

Periodically check all mounting hardware. Tighten as necessary for optimal operation.

## Cleaning the Mounting Assembly

**CAUTION:** GCX makes no claims regarding the efficacy of the listed chemicals or processes as a means for controlling infection. Consult your hospital's infection control officer or epidemiologist. To clean or sterilize mounted instruments or accessory equipment, refer to the specific instructions delivered with those products.

1. The mounting assembly may be cleaned with most mild, non-abrasive solutions commonly used in the hospital environment (e.g. diluted bleach, ammonia, or alcohol solutions).
2. The surface finish will be permanently damaged by strong chemicals and solvents such as acetone and trichloroethylene.
3. Do not use steel wool or other abrasive material to clean the mounting assembly.
4. Damage caused by the use of unapproved substances or processes will not be covered by warranty. We recommended that you test any cleaning solution on a small area of the arm that is not visible to verify compatibility.
5. Never submerge or allow liquids to enter the mounting assemblies. Wipe any cleaning agents off of the mounting assemblies immediately, using a water-dampened cloth. Dry parts thoroughly after cleaning.