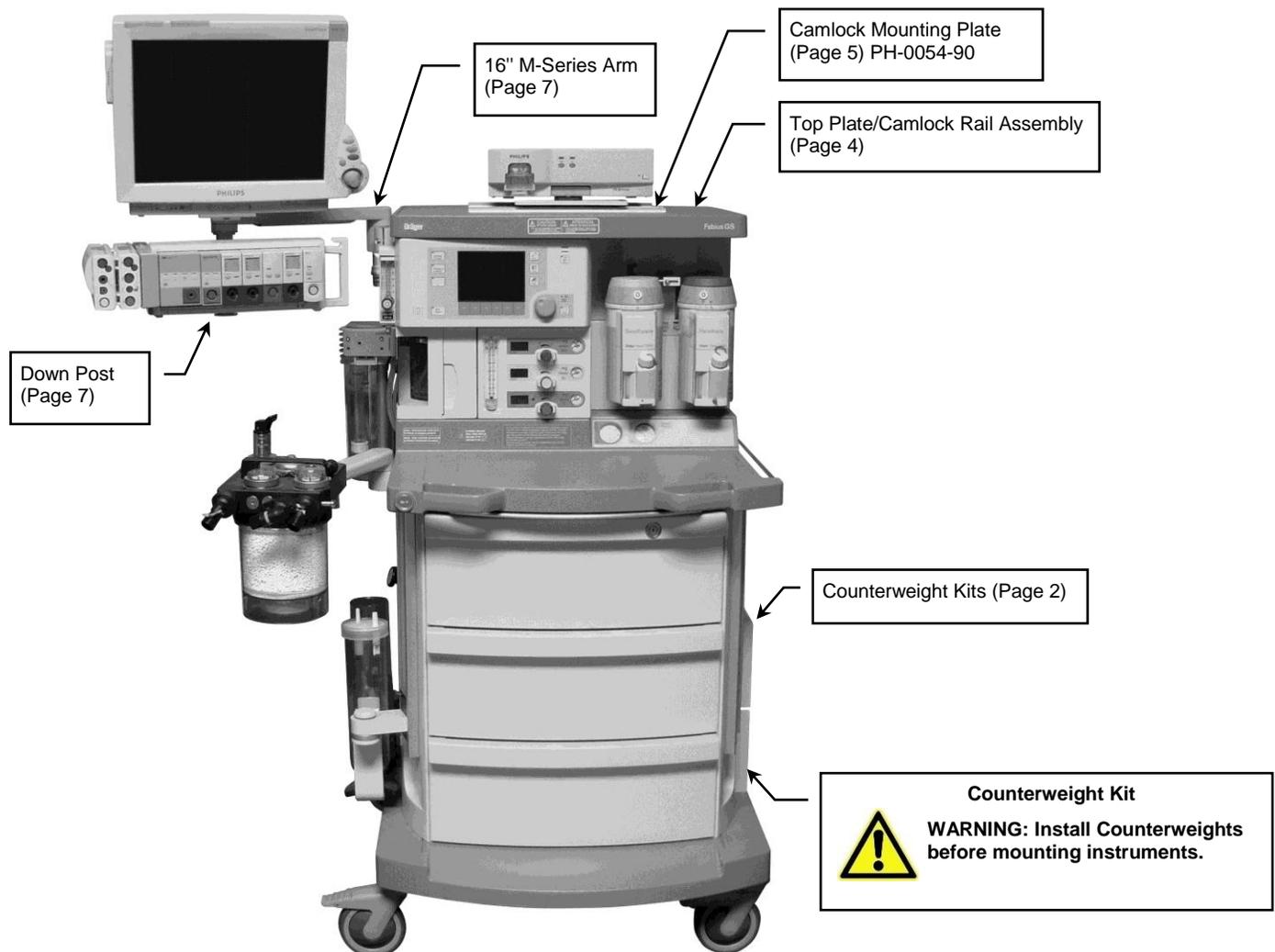


### Installation Guide

Installation Kit for Mounting Philips IntelliVue MP50/60/70, MX400/450/500/550/600/700/800 on Dräger Fabius GS Anesthesia Machine

The purpose of this guide is to:

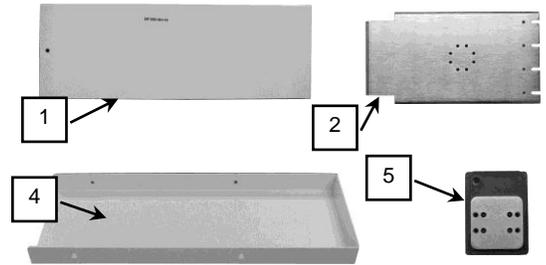
1. Describe installation of Counterweights..
2. Describe mounting of Top Plate/Camlock Rail Assembly on top of machine.
2. Describe mounting of Articulating Arm on left side of machine.



## Installing the Counterweights on the Anesthesia Machine

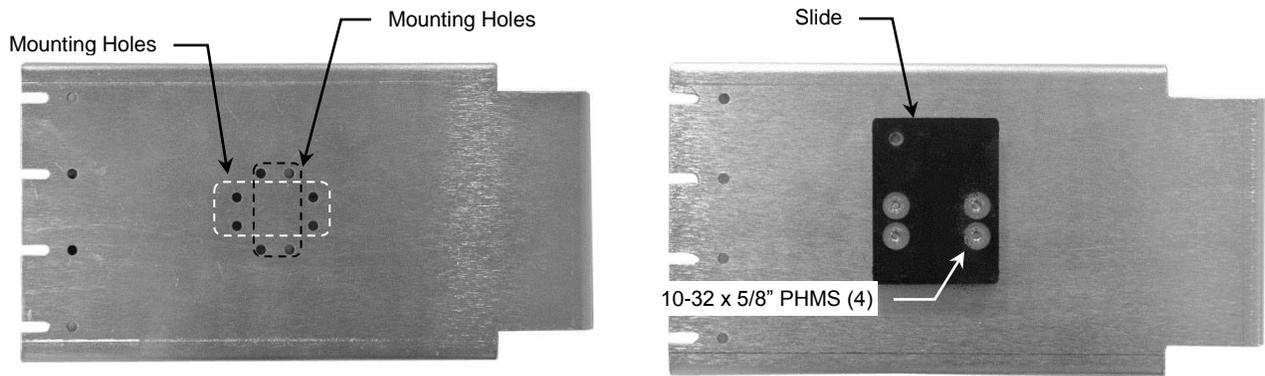
The following parts reference lists parts and hardware for 1 counterweight assembly. This installation kit contains a total of 2 counterweights that are to be installed on the right side of the Fabius GS in a stacked configuration.

| Item # | Description  | Qty |
|--------|--|-----|
| 1      | Weight Bar, 30 lbs.                                | 1   |
| 2      | Mounting Bracket                                   | 1   |
| 3      | #10-32 x 1/4" Flat Head Machine Screw (FHMS), 100° | 4   |
| 4      | Counterweight Cover                                | 1   |
| 5      | Slide  | 1   |
| 6      | #10-32 x 5/8" Pan Head Machine Screw (PHMS)        | 4   |

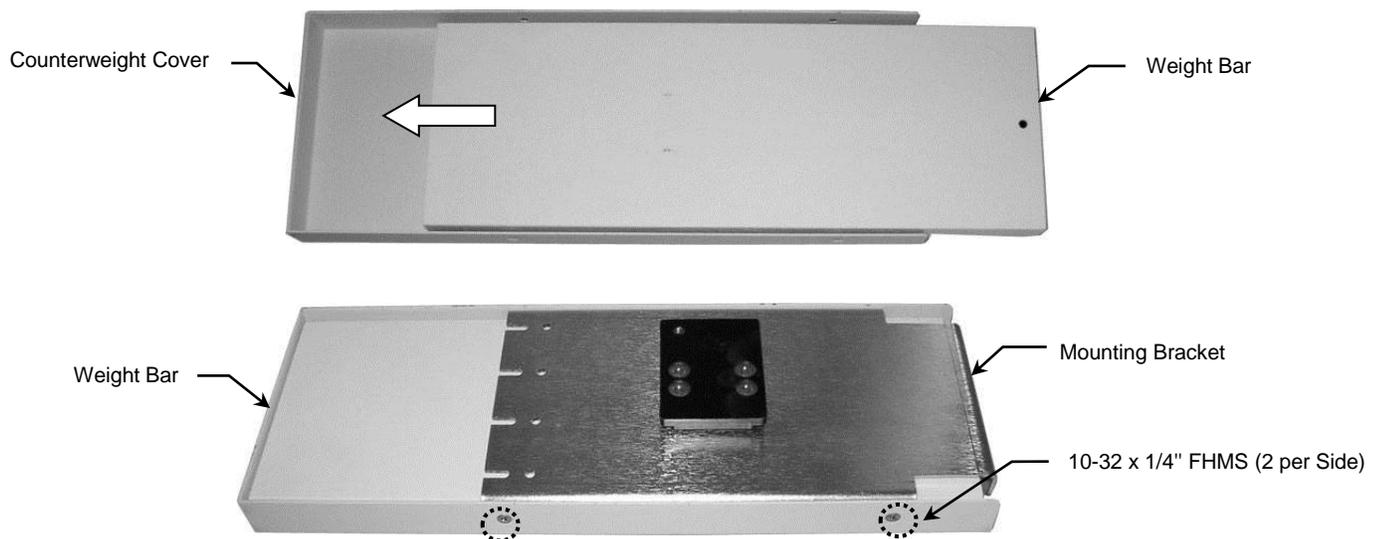


**Tools Required:** Phillips screwdriver.

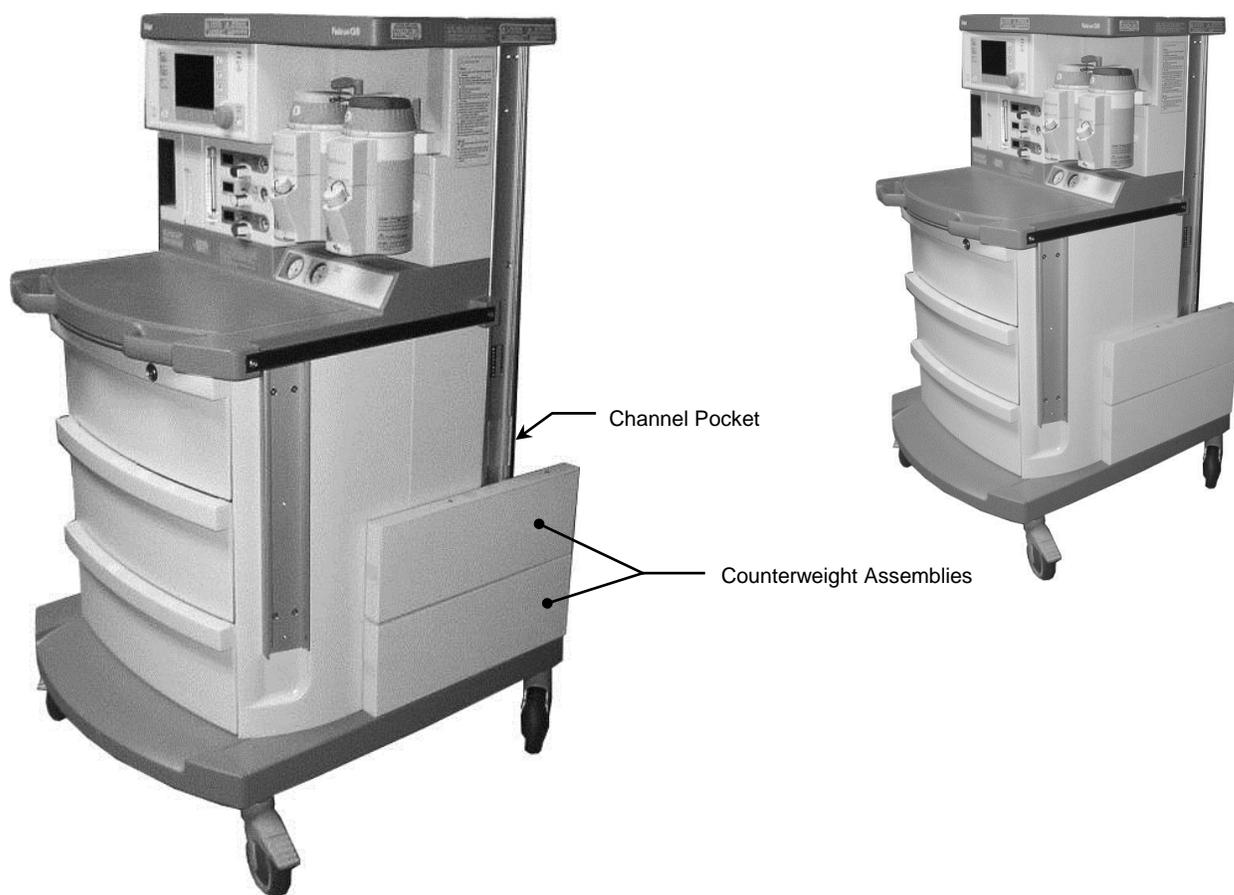
1. Identify the 4-hole Slide-mounting pattern on the Mounting Bracket (below left). Align the mounting holes on the Slide with the mounting pattern on the Bracket (below center). Secure Slide to Bracket with four (4) #10-32 x 5/8" PHMS (below right). Installation **Note:** Screws are inserted from the inner side of the Bracket (below right).



2. Turn Counterweight Cover upside down and slide the Weight Bar into Cover as shown below. Place the Mounting Bracket over the Weight Bar (Bracket fits between Cover and Weight Bar) and fasten Cover to Bracket with four (4) #10-32 x 1/4" FHMS.



3. Guide the Counterweight Slide into channel pocket and lower counterweight assembly until it rest on top of base. Install the second counterweight and position on top of first counterweight.



## Attaching Top Plate to Top of Anesthesia Machine

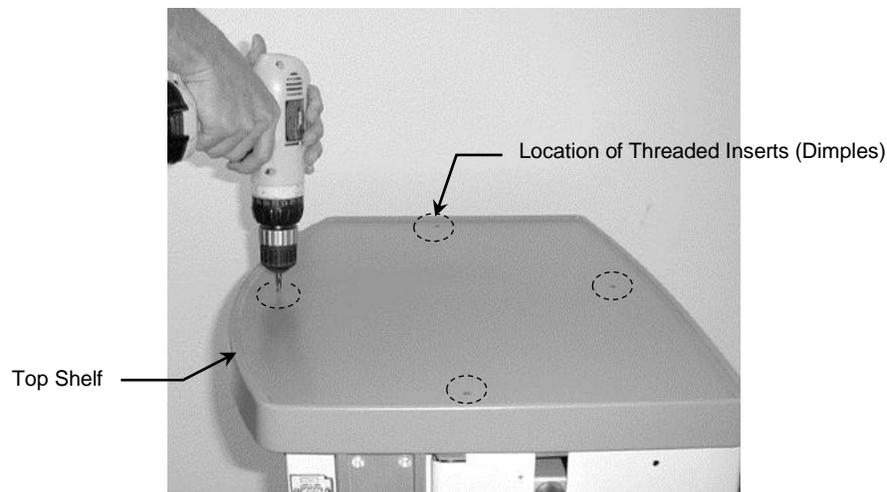
### Parts Reference

The following parts and hardware are included with this installation kit :

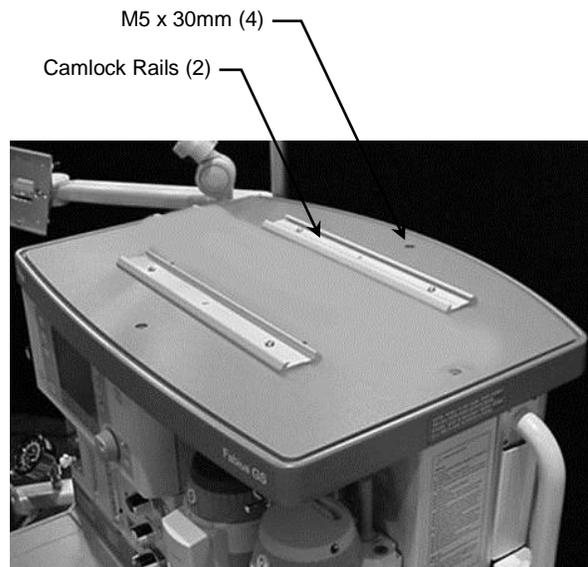
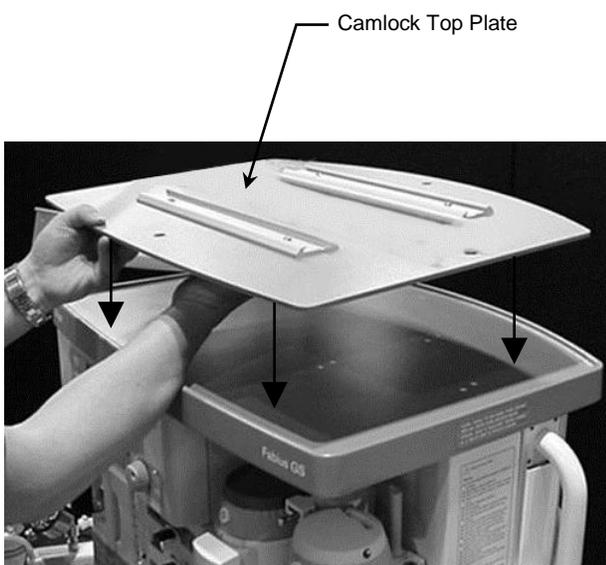
| Item # | Description                              | Qty |
|--------|--|-----|
| 1      | Top Plate/Camlock Rail Assembly          | 1   |
| 2      | M5 x 12mm Flat Head Machine Screw (FHMS) | 4   |

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

1. Locate the four (4) threaded inserts shown in photo below.
2. Drill holes precisely in the center of the dimples using a 1/4" diameter drill bit. **CAUTION:** Do not allow the drill bit to penetrate more than 1/4" into the top surface. Drilling too deeply will damage insert threads and internal components of the machine. Remove all drilling chips.



3. Thread the four (4) M5 x 30mm Pan Head Machine Screws through the Top Plate and into the holes drilled in step #2.



4. Attach Tip Caution Label (Figure 1) to the front center of the top shelf bezel as shown in photo below.



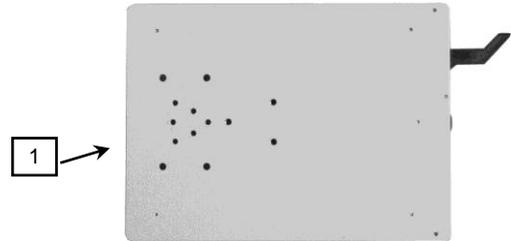
Figure 1



### Attaching Table Top Mount to Camlock Mounting Plate

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

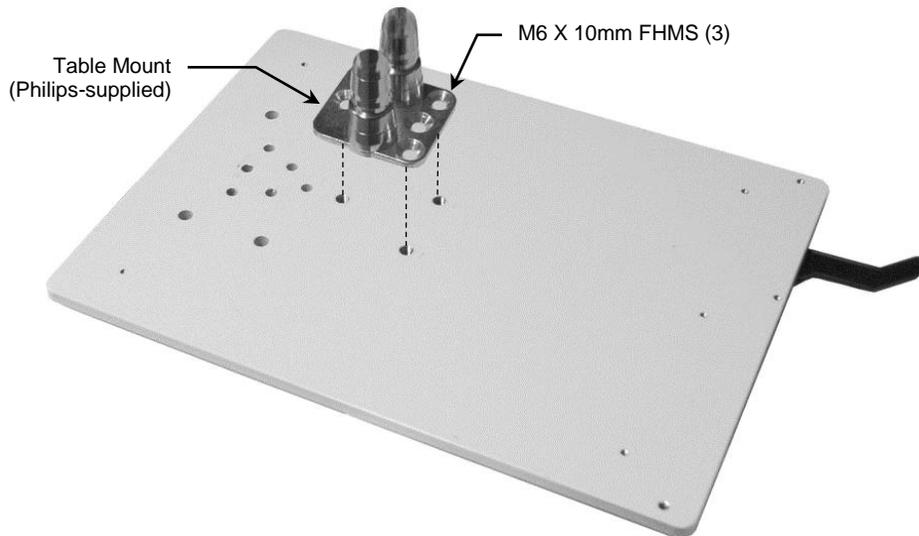
| Item # | Description                              | Qty |
|--------|--|-----|
| 1      | Camlock Mounting Plate                   | 1   |
| 2      | M6 x 10mm Flat Head Machine Screw (FHMS) | 3   |
| 3      | M4 x 20mm PHMS                           | 2   |
| 4      | #6-32 x 1/2" PHMS            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



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

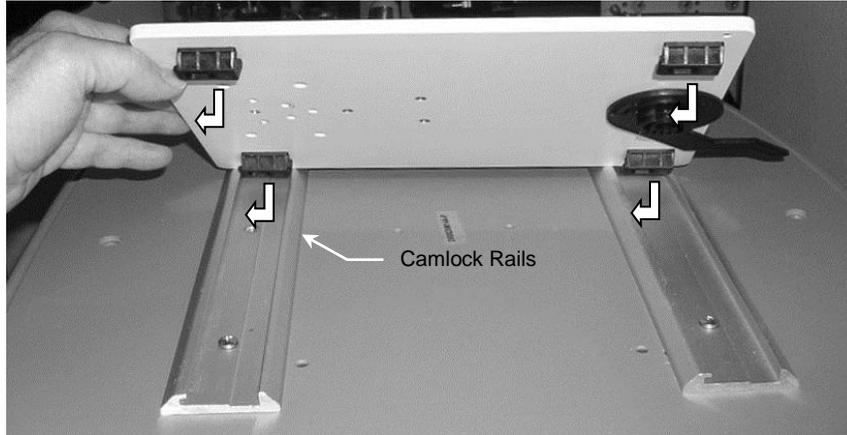
**Installation Note:** Table Mount is supplied by Philips.

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

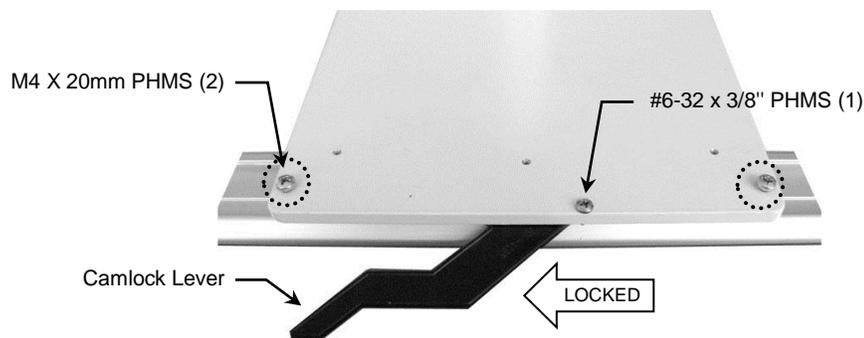


## Mounting Camlock Mount in Camlock Rails

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

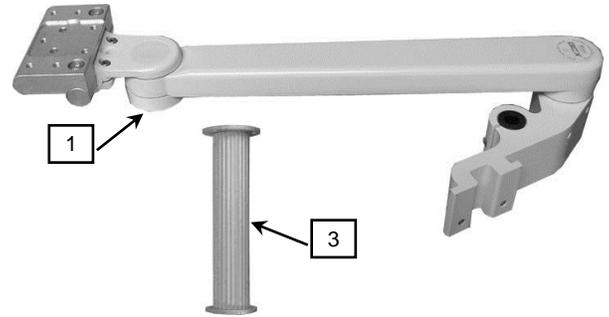
Mount the monitor in accordance with the Philips Table Mount instructions.



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

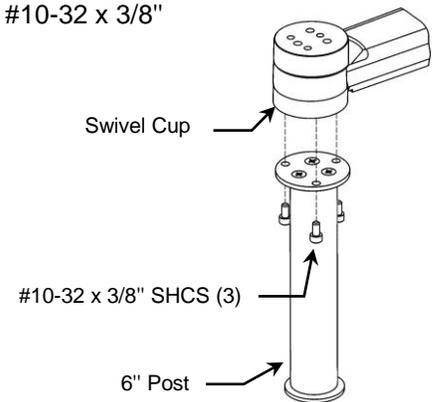
The following parts and hardware are included for this installation procedure (hardware not shown):

| Item # | Description                                | Qty |
|--------|--|-----|
| 1      | M-Series Articulating Arm, 16"             | 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   |



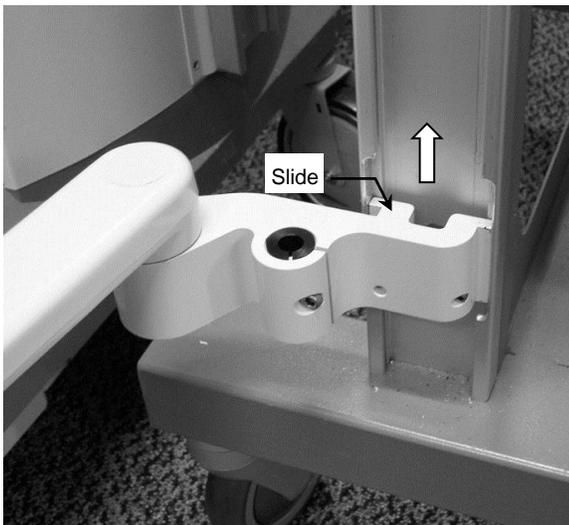
**Tools required:** 5/32" and 1/8" hex wrenches (provided).

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



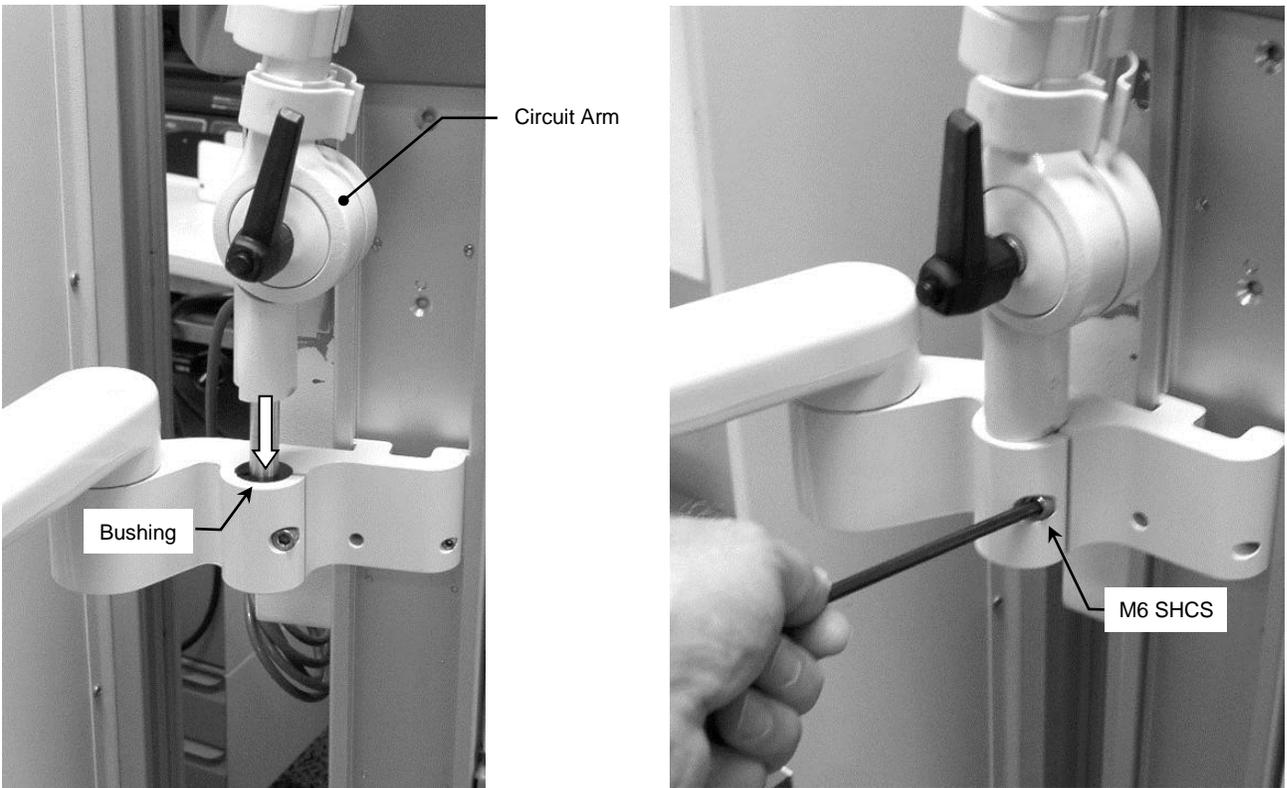
2. Insert the Slide into the opening in the Channel (below left). Move the Extension Block up the Channel to the Arm-mounting position and tighten the two 1/4-20 Set Screws with the 1/8" hex key provided (below right).

**Installation Note:** Refer to separate installation guide *DU-WMM-0001* for M-Series Arm operating Instructions.



## Installing Dräger Circuit Arm on Extension Block (Optional)

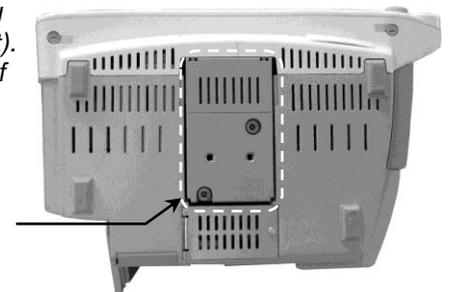
1. Insert Circuit Arm into Extension Plate Bushing as shown below left.
2. Using the 3/16" hex key provided, tighten the M6 socket head cap screw (SHCS) to adjust swivel tension.



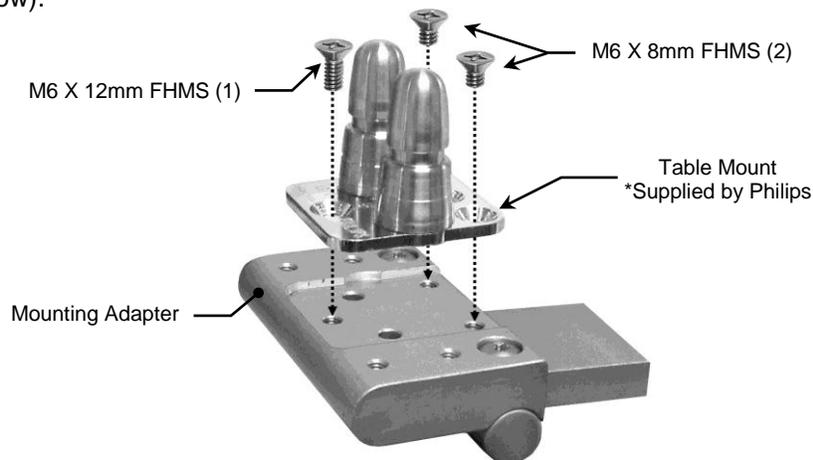
## Attaching the Philips Table Mount to the Mounting Adapter

**Installation Note:** Do not attach the Table Mount to the Arm/Mounting Adapter if you will be mounting a monitor equipped with the mounting interface shown in photo (right). See "Mounting the Monitor on the Arm" (page 9) for instructions specific to this type of mounting plate.

Do Not Attach Table Mount if Monitor is Equipped with This Mounting Interface



1. Fasten the Philips-supplied Table Mount to the Mounting Adapter with one (1) M6 x 12mm FHMS and two (2) M6 x 8mm FHMS (see below).



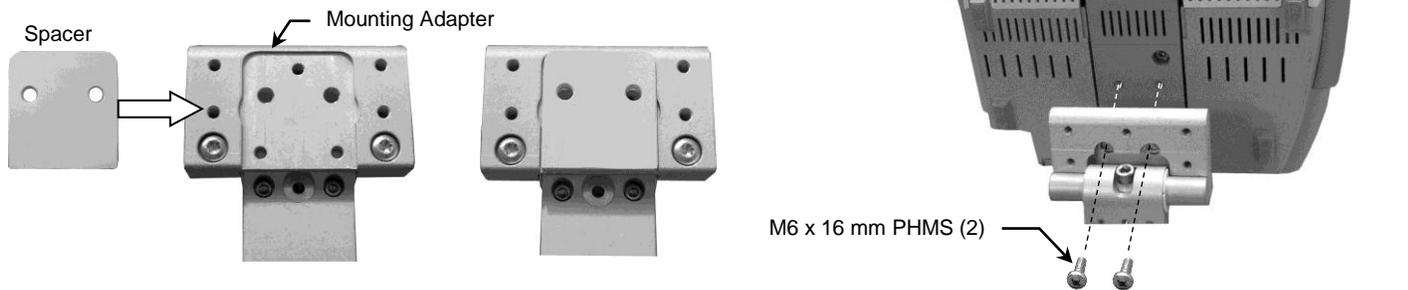
## Mounting the Monitor on the Arm

### Table Mount

Mount the monitor in accordance with the Philips Table Mount instruction sheet.

### Non-Table Mount

1. Fit Spacer into recessed area on top of Mounting Adapter (below). Ensure Spacer remains between Mounting Adapter and monitor.
2. Insert two (2) M6 x 16mm PHMS through bottom of Mounting Adapter and thread into mounting holes in bottom of monitor (right).



### Mounting the MX400/450/500/550 Monitor (Fixed Mount Adapter)

Mount the monitor in accordance with separate Installation Guide DU-PH-0073-15 provided with the Mounting Adapter, ordered separately.

### 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 recommend that you test any cleaning solution on a small area of the mounting assembly 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.