GCX
INSTRUMENT MOUNTING SYSTEMS
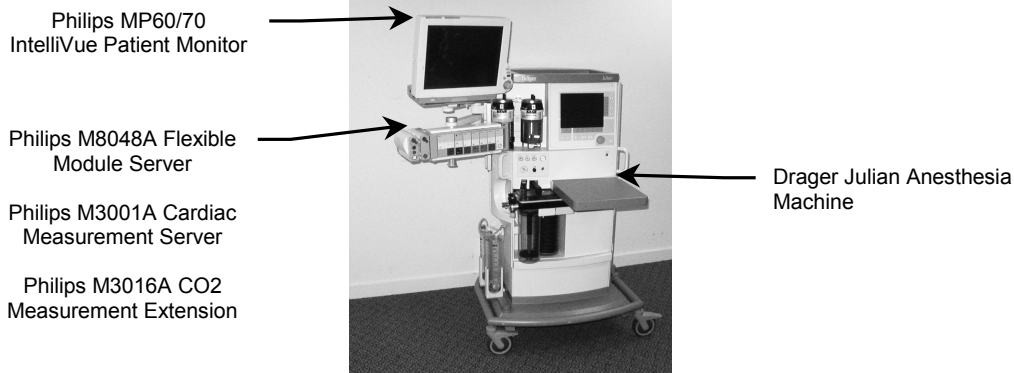
GCX Mounting Assembly Installation Guide

Drager Julian Anesthesia Machines with Philips MP60/70 IntelliVue Patient Monitor Kit

Philips MP60/70
IntelliVue Patient Monitor

Philips M8048A Flexible
Module Server

Philips M3001A Cardiac
Measurement Server

Philips M3016A CO2
Measurement Extension

Drager Julian Anesthesia
Machine

The purpose of these instructions is to:

1. *Describe attachment of GCX mounting hardware for Philips MP60/70 IntelliVue Patient Monitor Kit to the Drager Julian Anesthesia machine.*
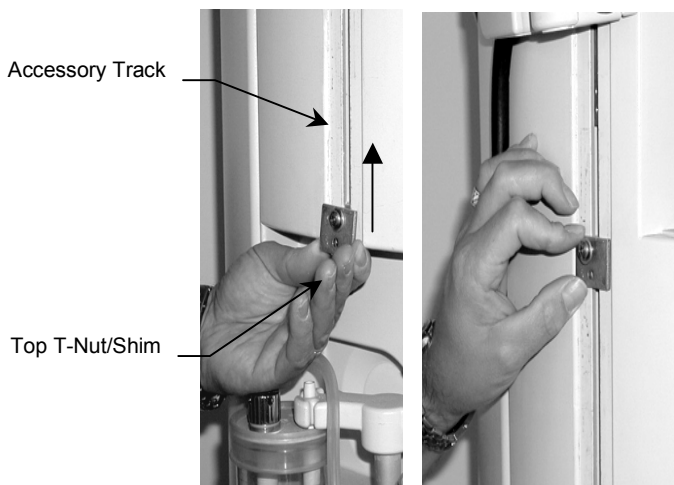
⚠ **WARNING**: USE OF MOUNTING HARDWARE AND MONITORING COMPONENTS OTHER THAN THOSE DESCRIBED IN THIS DOCUMENT MAY RESULT IN SERIOUS INJURY DUE TO TIPPING OF THE ANESTHESIA MACHINE.
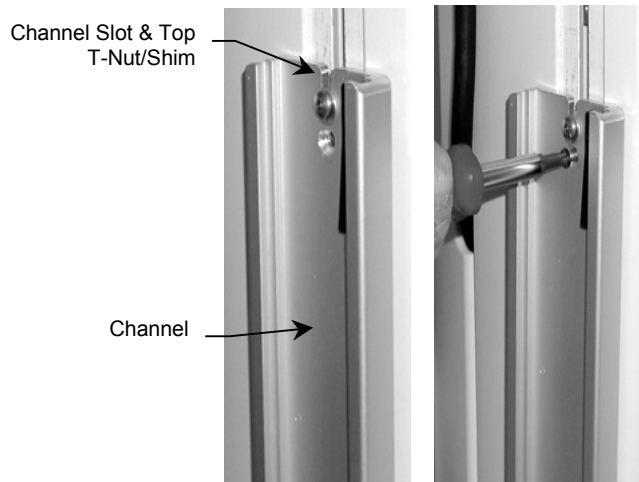
13" Channel Installation to the Left Side Track of the Machine

1. Locate the top T-Nut/Shim and remove the 10-32 x 3/4" FHMS then loosen the 10-32 x 3/4" PHMS. Remove the T-Nut/Shim for the Channel, slide into the Accessory Track and position.

   Locate the bottom T-Nut/Shim and remove the 10-32 x 3/4" FHMS then loosen the 10-32 x 3/4" PHMS. Remove from Channel to use in Step 3 below.

Accessory Track

Top T-Nut/Shim

2. Position the Channel, slide the T-Nut/Shim into the slot at the top of the Channel. Replace the the 10-32 x 3/4" FHMS and secure both fasteners.

Channel Slot & Top
T-Nut/Shim

Channel

3. Slide bottom T-Nut/Shim removed in Step 1 into Accessory Track. Slide the T-Nut/Shim into the slot at the bottom of the Channel. Replace the the 10-32 x 3/4" FHMS and secure both fasteners.

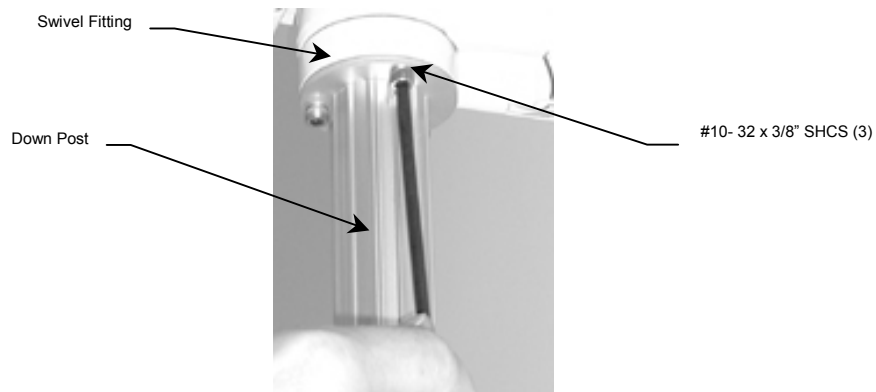4. A complete assembly of the channel must be the same as the picture shown.

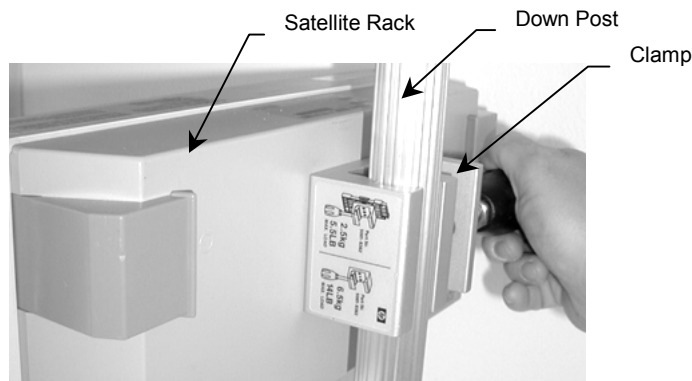**Flexible Module Server to M-Series Pivot Arm**

1. Set the M-Series Pivot Arm with Down Post at the bottom of the Channel to provide space for the M-Series Pivot Arm holding the Philips Patient Monitor. Secure the Arm in the Channel by tightening the (2) ¼-20 x ¾" SSS in the Slide

2. Align the screw holes in the Down Post with the threaded holes on the Swivel Fitting. Using the supplied 5/32 (4 mm) hex key and secure the 10-32 x 3/8" SHCS (3).

Swivel Fitting

Down Post

#10- 32 x 3/8" SHCS (3)

3. Attach the Flexible Module Server to the Down Post by placing the Clamp around the Down Post and tightening the knob.
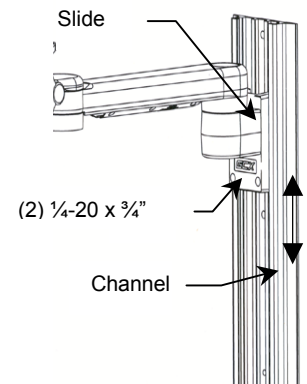

Satellite Rack   Down Post

Clamp

Adjustment and Operation of M Series Arm

Positioning in the Channel
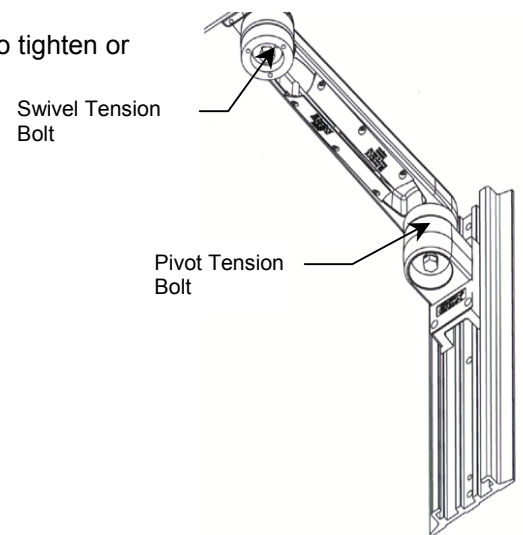
WARNING: Never attempt to remove the mounting assembly from the Channel when loaded with a device.

1. Loosen the (2) ¼-20 x ¾" SHCS set screws in the Slide.
2. To raise or lower the Arm in the Channel, relieve the weight of the mounted device by lifting against the underside of the Arm, near the device. Simultaneously, push up or pull down the opposite end of the Arm just in front of the Slide.

Slide

(2) ¼-20 x ¾"

Channel

Pivot

1. To pivot at the Slide, simply push on the side of the Arm or mounted device.

2. To adjust the pivot tension at the Slide, use a ½" (or 13 mm) socket driver to tighten or loosen the Pivot Tension Bolt to obtain the desired tension.

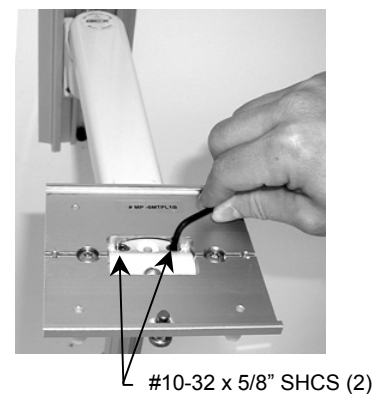Swivel Tension Bolt

Pivot Tension Bolt

Swivel

1. In most configurations, the mounted device will swivel at the end of the Arm. To rotate the device simply push or pull the corners of the device.
2. To adjust the swivel tension, remove cap located under the front end of the Arm and use a ½" (or 13 mm) socket driver to tighten or loosen the Swivel Tension Bolt.
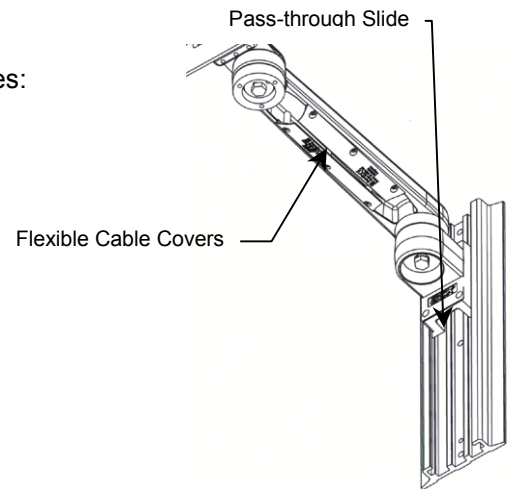

Tilt

1. In most configurations, the tilt of the mounted device can be adjusted.

2. Grasp the top and bottom of the device and tilt it to the desired angle.

3. To adjust the overall tilt tension, evenly tighten or loosen the (2) #10-32 x 5/8" SHCS Tilt Tension Adjustment Screws using the supplied 5/32 (4 mm) hex key.

#10-32 x 5/8" SHCS (2)

Cable Management

Two cable management features allow convenient placement and flow cables:

1. An open cavity beneath the arm with flexible cable covers manage cables going to and from the front and rear of the arm.
2. A "pass-through" channel slide allows cables to run behind the arm within the Channel. **Note**: If cable connectors are too large to fit through the pass-through, try placing the cables in the path of the Slide before installing the arm in the Channel. Contact GCX for optional Channel Covers available to further manage the flow of cables in the Channel.
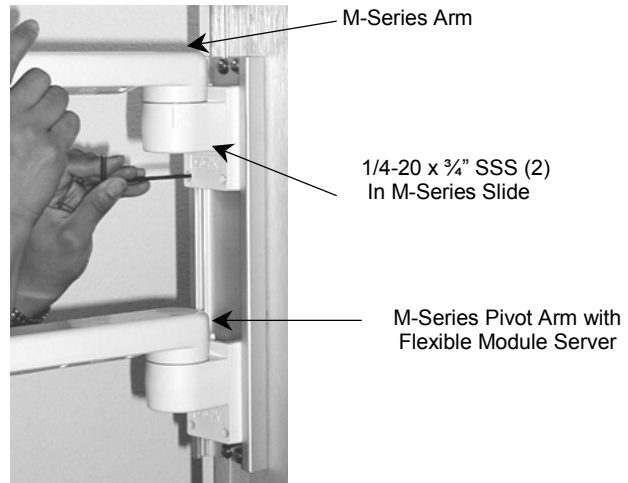
Flexible Cable Covers

CLEANING

1. The mounting assembly may be cleaned with most mild, non-abrasive solutions commonly used in the hospitalenvironment (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. Steel wool or other abrasive material should *never* be used.
4. Damage caused by the use of unapproved substances or processes will not be warranted. It is recommended that   you test any cleaning solution on a small area of the arm that is not visible, to verify compatibility.

5. Never submerge the arm, and do not allow liquids to enter the arm. Wipe any cleaning agents off of the arm   immediately, using a water-dampened cloth. Dry the arm thoroughly after cleaning.

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 devices or accessory equipment, refer to the specific instructions delivered with those products.
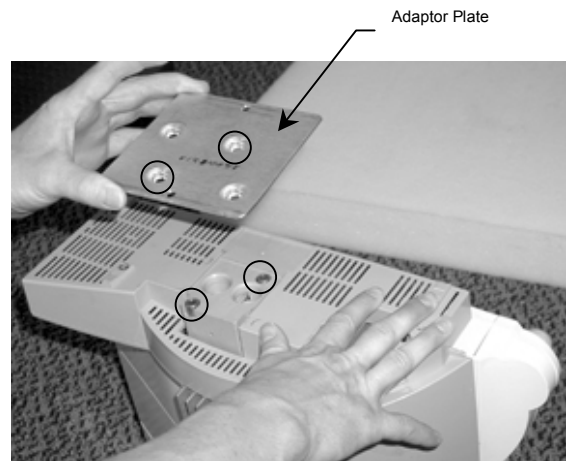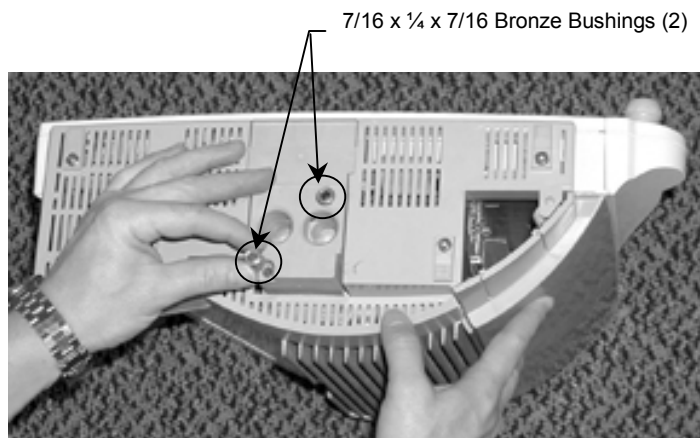
Philips MP60/70 IntelliVue Patient Monitor to the M-Series Pivot Arm

1. Guide the M-Series Slide into the Channel. Secure the Slide by tightening the
   ¼-20 x 3/4"SSS(2).

M-Series Arm

1/4-20 x ¾" SSS (2)
In M-Series Slide
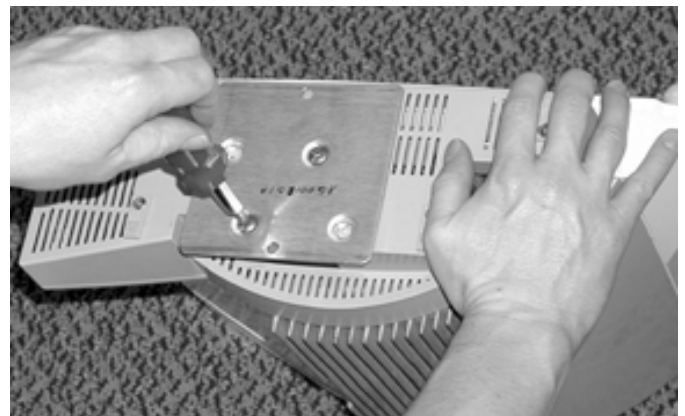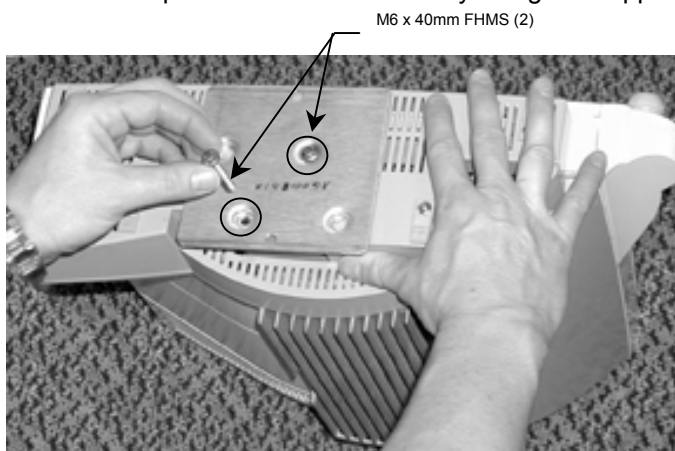
M-Series Pivot Arm with
Flexible Module Server

Attaching the Adaptor Plate

1. Place the monitor on a padded surface, and turn upside down, so the bottom of the device is
   facing upward. Remove   the existing screws and replace them with the supplied 7/16 x 1/4
   x 7/16 Bronze Bushings (2). Place the Adaptor   Plate over the Bronze Bushings by lining up
   the 2-hole pattern.

7/16 x ¼ x 7/16 Bronze Bushings (2)

Adaptor Plate

2. Secure the Adaptor Plate to the device by using the supplied M6 x 40mm FHMS (2).

M6 x 40mm FHMS (2)

Attaching Philips MP60/70 IntelliVue Patient Monitor to Arm

1. Pull down on the Spring Plunger at the front of the Mounting Plate. Slide the device laterally
into the Mounting Plate
    until the Plunger locates in the clearance hole at the front of the Mounting Adapter. Tighten
the Nylon Locking Screwslocated on the underside of the Plate.

Adaptor Plate

Mounting Plate

Spring Plunger

Nylon Locking Screws (4)