

GCX Mounting Assembly Installation Guide

Philips MP90 (M8010A) Mounting Kit for Drager Zeus



The purpose of this guide is to:

1. Describe attachment of Down Post to Arm.
2. Describe attachment of Arm to 38mm Post.
3. Describe mounting of FMS.
4. Describe attachment of Zeus Channel Kit.
5. Describe attachment of CPU Flush Mount.
6. Describe operation/adjustment of M-Series Arm.

Parts Reference

The parts list below includes parts and hardware that will be used in this installation procedure.

Item #	Description	Qty
1	M-Series Articulating Arm Assembly with 38mm Clamps	1
2	#10-32 x 7/8" SHCS	2
3	3.5" Down Post	1
4	#10-32 x 3/8" Socket Head Cap Screw	3
5	Zeus Vertical Channel Kit	3
6	M6 x 16mm SHCS	4
7	CPU Flush Mount Pan	1
8	M3 x 8mm PHMS	4
9	M3 Flat washers	4
10	CPU Spill Shield	1
11	#8-32 x 5/16" PHMS	2
12	Molded Slide	2
13	#8-32 x 5/8" PHMS	8
14	5/32" Hex Key	1
15	1/8" Hex Key	1

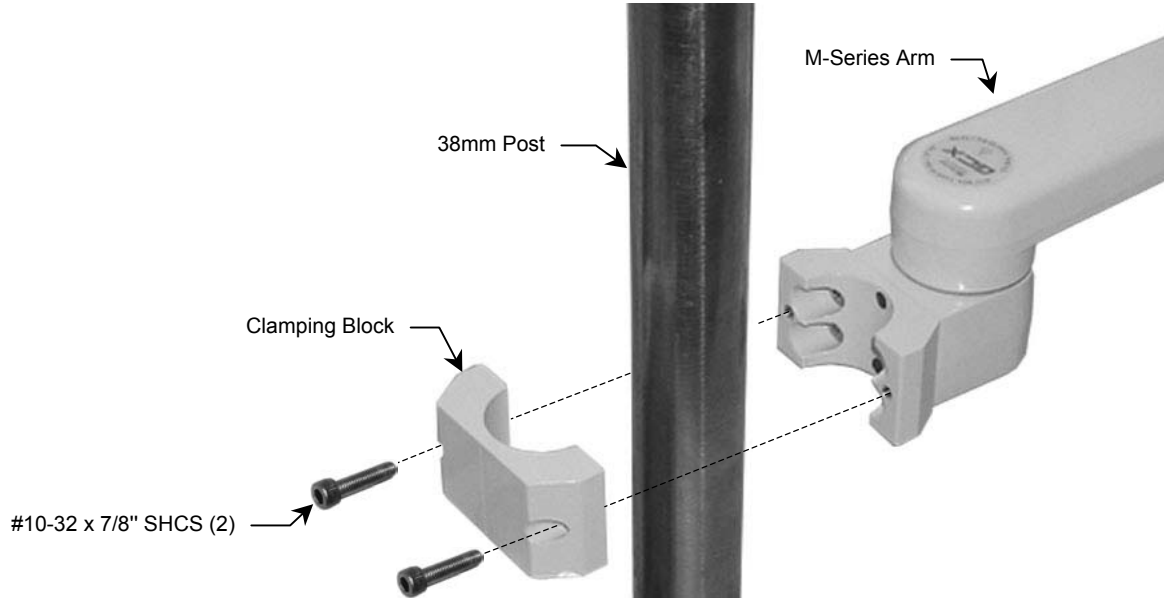
Tools Required: Phillips screwdriver, 5/32" and 1/8" hex keys (provided).

Attaching Down Post to Arm

Fasten 3.5" Down Post to bottom of M-Series Arm in accordance with separate GCX Mounting Assembly Installation Guide titled: *M and VHM Series Down Post Kit (DU-WMM-0006-01)*.

Mounting M-Series Arm on 38mm Post

1. Using the 5/32" hex wrench provided, mount Arm on post by fastening Clamping Block to Arm with two (2) #10-32 x 7/8" SHCS as shown below.

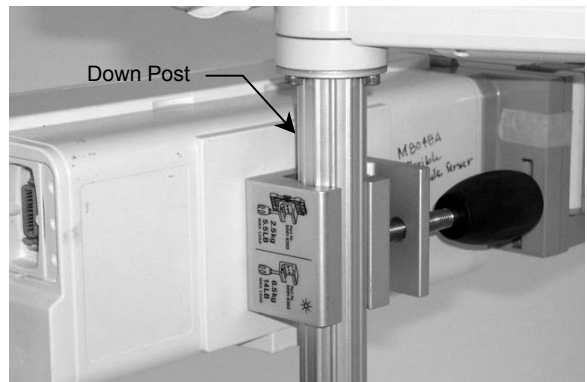
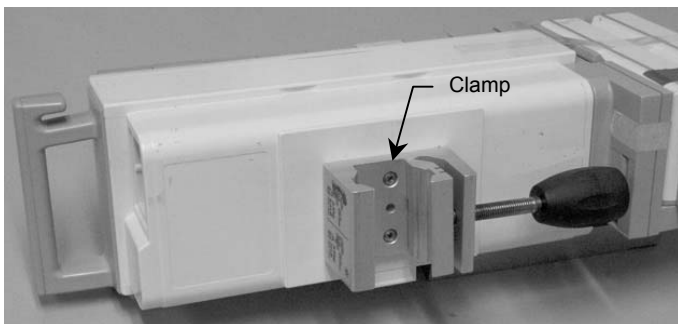


Mounting Display, Remote Speedpoint, External Alert Device, and Power Supply

Please refer to separate installation guide: *Philips MP90 Remote Speedpoint Mounting Bracket and Adapter, and External Alert Device Mounting Bracket (DU-AG-0019-80)*. **Installation Note:** Flat Panel Display mounting is also covered in referenced installation guide. Mount Display according to Section 2.0 for a 15" Display, or Section 3.0 for a 17" Display.

Mounting FMS on Down Post

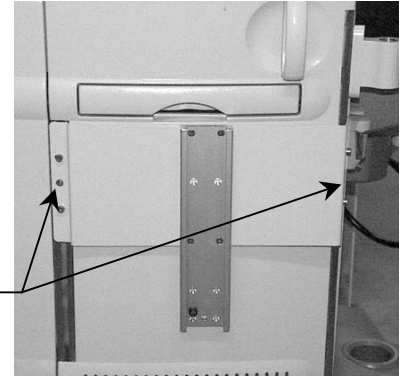
1. Mount Rack on Down Post by placing the Clamp around the Down Post and tightening the Knob.



Mounting Zeus Channel Kit

1. Position the Zeus Channel Kit over the (2) vertical Drager tracks.
2. Mount the Zeus Channel Kit by running M6 x 16mm SHCS (2 on each end) through the slots and into the brass fittings in the Drager tracks.

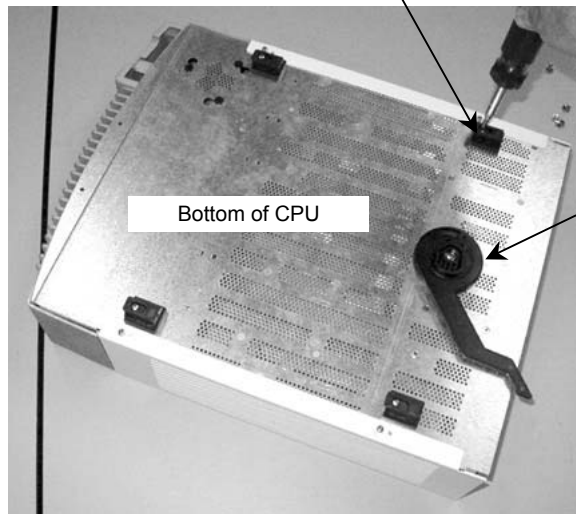
M6 x 16mm SHCS (4)



Attachment of CPU Flush Mount Pan

1. Remove the four (4) black plastic feet and the black lock lever from the bottom of the CPU. The threaded holes (left empty by removal of the feet) will become mounting holes for the Mounting Pan.

Remove Feet (4)



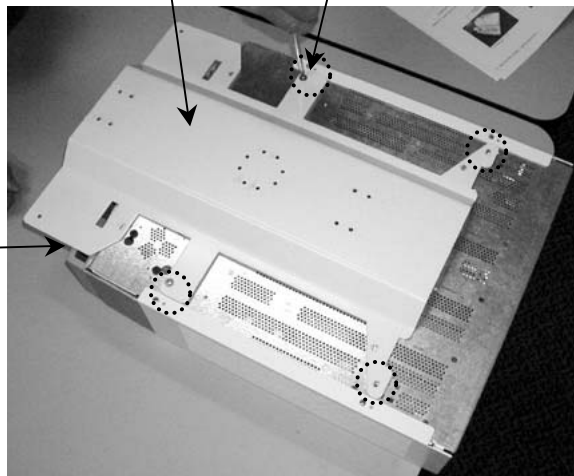
Remove Lever

2. Orient Pan as shown below, and fasten Pan to the bottom of CPU with four (4) M3 x 8mm PHMS and Flat Washers.

Mounting Pan

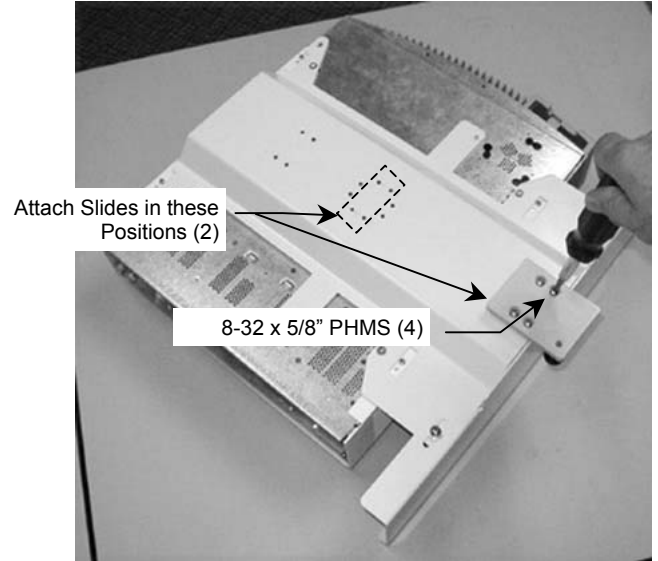
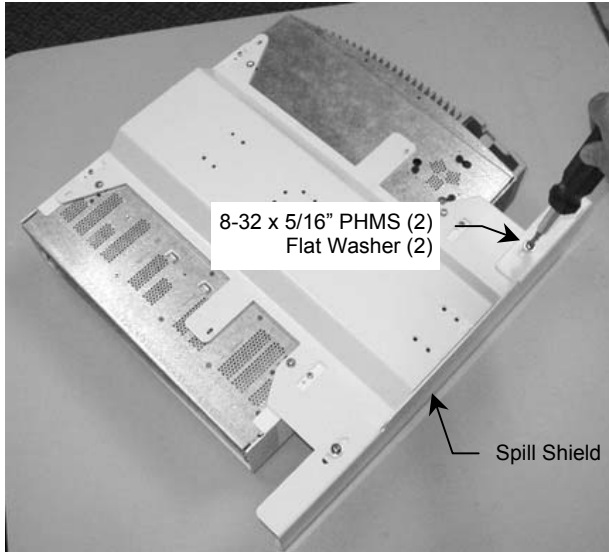
M3 x 8mm PHMS (4)
Flat Washer (4)

Front of CPU



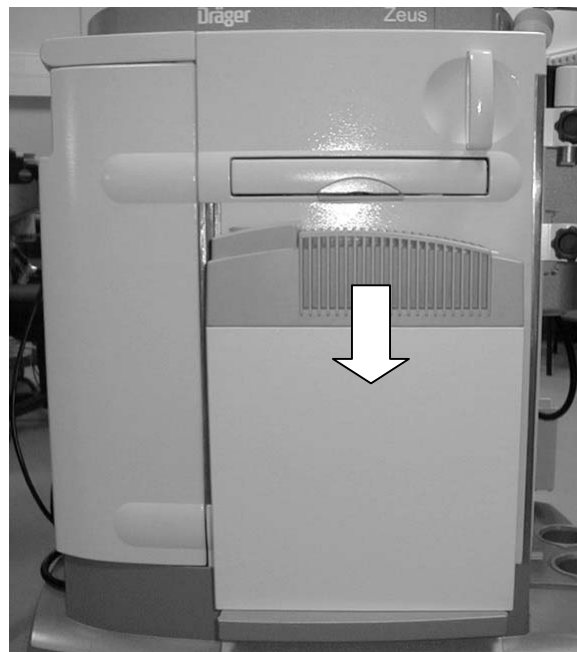
Attaching Spill Shield and Channel Slides

1. Fasten Spill Shield to Mounting Pan with two (2) #8-32 x 5/16" PHMS and Flat Washers as shown below left. Position Spill Shield so the CPU will be centered below the Shield when mounted.
2. Fasten each Slide to Mounting Pan with four (4) #8-32 x 5/8" PHMS, as shown below right.



Assembling CPU to Zeus Channel Kit

1. Align Slides with Vertical Channel, and insert CPU.

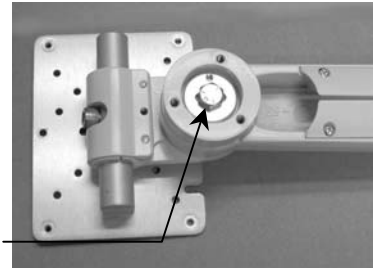


M-Series Arm Operation and Adjustment

Swiveling the Mounted Instrument

1. To swivel the mounted instrument simply push or pull the corners of the instrument.
2. To adjust swivel tension, remove bolt cap or existing Down Post from Swivel Cup (bottom of front end of Arm). Tighten or loosen the Swivel Tension Bolt using a 1/2" [13 mm] socket driver.

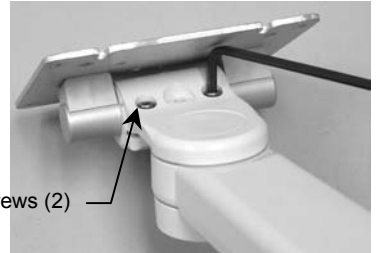
Swivel Tension Bolt



Tilting the Mounted Instrument

1. To tilt the instrument, grasp the top and bottom of the instrument and tilt it to the desired angle.
2. To adjust tilt tension, equally tighten or loosen the two (2) Tilt Tension Adjustment screws using the supplied 5/32" hex key.

Tilt Tension Adjustment Screws (2)



Pivoting the Arm

1. To pivot the Arm at the Slide, simply push on the side of the Arm or mounted instrument.
2. To adjust pivot tension, loosen or tighten the Pivot Tension Bolt using a 1/2" [13 mm] socket driver.

Cable Management

Two cable management features allow convenient placement and flow of cables:

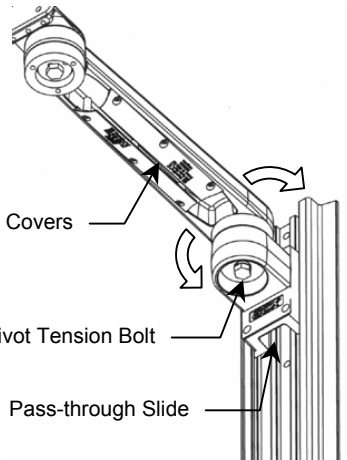
1. An open cavity beneath the arm (with flexible cable covers) allows management of cables between the front and rear of the arm.
2. A "pass-through" channel at the rear of the slide allows cables to pass behind the arm within the Channel.

Note: If cable connectors are too large to fit through the pass-through, try placing the cables in the "pass-through" 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

Pivot Tension Bolt

Pass-through Slide



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 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 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.