

GCX Mounting Assembly Operation/Installation Manual Dräger Model Primus® with Philips CMS Patient Monitor



CMS – CMU Top Shelf With Flat Panel/Satellite Racks/Alarm Box Left Side

The purpose of these instructions is to:

1. Describe attachment of GCX mounting hardware to the Primus anesthesia machine.
2. Describe attachment of the CMS monitor components to the GCX mounting hardware.



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.

DO NOT CONNECT THE FLAT SCREEN OF CMS SYSTEM INTO ANY AC AUXILIARY SOCKETS ON THE BACK OF PRIMUS. USE SEPARATE POWER SOCKETS.

PRIMUS WALL AND CEILING MOUNTED VERSIONS: ALL ADDITIONAL MOUNTED EQUIPMENT AND ACCESSORIES (FOR EXAMPLE, PATIENT MONITORING SYSTEMS, DATA MANAGEMENT SYSTEMS, INFUSION PUMPS, ETC) MUST BE REMOVED AS SOON AS THE UNITS ARE REMOVED FROM THE WALL OR CEILING PENDANT AND USED AS A FLOOR VERSION. DRAGER MEDICAL WILL NOT ACCEPT ANY RESPONSIBILITY WITH REGARD TO THE RISK OF THESE UNITS TIPPING OVER IF THIS PRACTICE IS NOT FOLLOWED.

Installer: When installation is completed, provide these instructions to the end user for future reference.

INSTALLATION

Tools Required: Philips head screw driver, Hex key (incl.)

Install Pivot Arm

- 1) To attach the Pivot Arm to the Primus left side accessory track, first run the M5 flat head screws (2) partly into the threaded T-Nuts (2).
- 2) Slide one T-Nut up into the bottom of the accessory track. Drop the exposed screw into the slots in the top of the Pivot Block Plate and Shim.



3) Position the Pivot Arm as desired and tighten the screw.



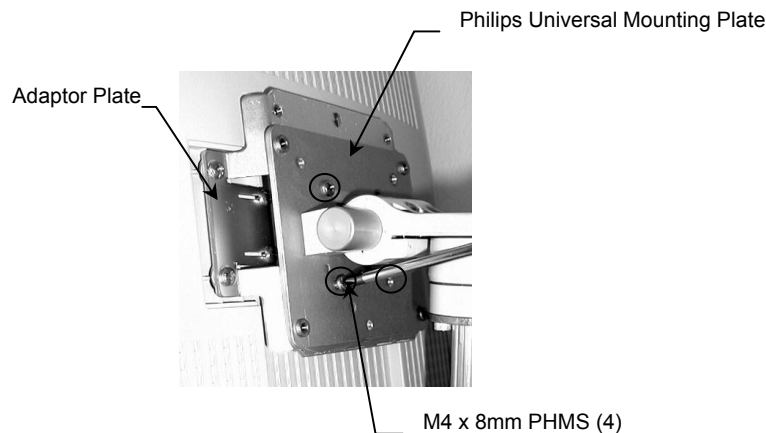
4) Slide the second T-Nut up into the bottom of the accessory track, and into the slot in the bottom of the Pivot Block Plate and Shim. Tighten the screw.



5) To adjust the height of the arm, loosen the two flat head screws, move the arm then re-secure the screws.

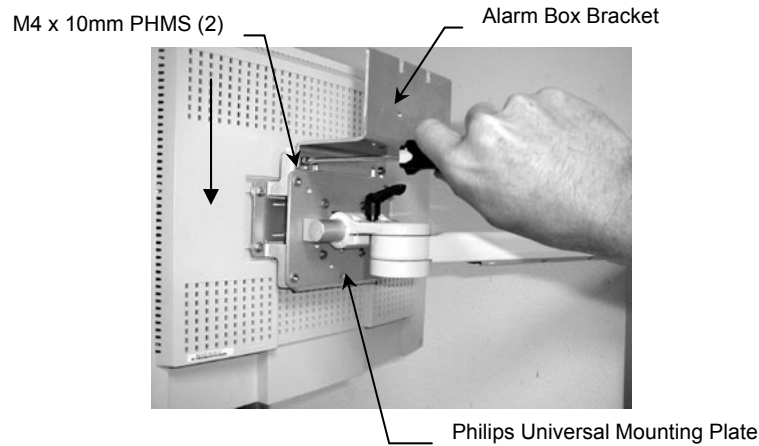
Attaching the M1097A Display to the M Series Pivot Arm

1. Line up the four hole pattern on the Adaptor Plate with the Philips Universal Mounting Plate and secure using the supplied M4 x 8mm PHMS (4) as shown.

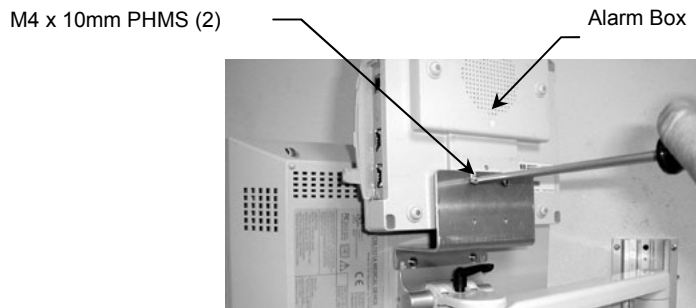


Attaching the Alarm Box

1. Attach the Alarm Box Bracket to the Philips Universal Mounting Plate by inserting the supplied M4 x 10mm PHMS (2) into the threaded holes of the Alarm Box Bracket and glide the screws into the slots in the plate and secure.



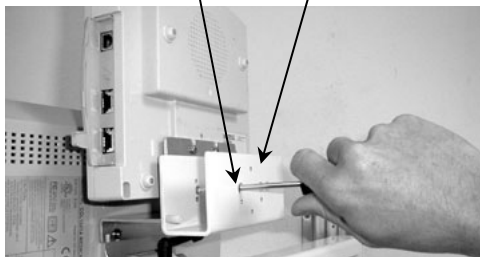
2. Attach the Alarm Box to the Bracket by using the supplied M4 x 10mm Pan Head Machine Screws (2).



Attaching the Power Supply

1. Attach the Power Supply Holster to the Alarm Box by using the supplied M4 x 6mm Flat Head Machine Screws (2) as shown. Place the Power Supply into Holster as shown.

M4 x 6mm FHMS (2) Power Supply Holster

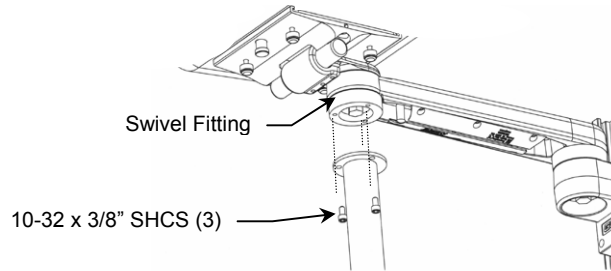


Power Supply Holster

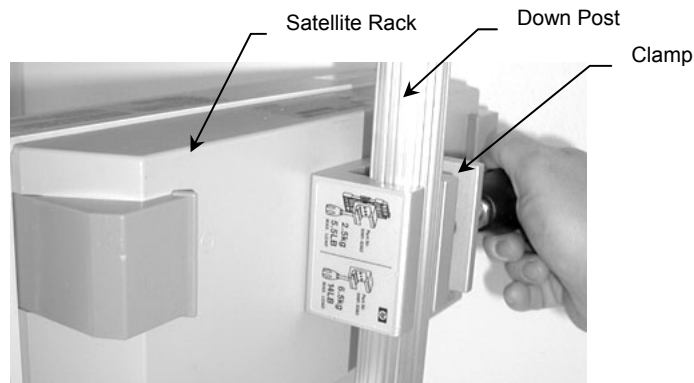


Attaching the Down Post

1. Align the screw holes in the Post with the threaded holes on the Swivel Fitting. Using the supplied 5/32 (4 mm) hex key, secure the (3) 10-32 x 3/8" SHCS. *Please note, this kit contains one 12" Down Post used for 1 satellite rack, and one 18" Down Post used for 2 satellite racks.*



2. Attach the Satellite Racks to the Down Post by placing the Clamp around the Down Post and tightening the knob.



Attaching the CMU

Attach Primus Top Shelf Base Plate with Cam Lock Rails

- 1) Install according to GCX Installation Instructions included with the assembly.

To install a device:



Direct front feet into front cam lock rail



Lower device to set rear feet into rear cam lock rail

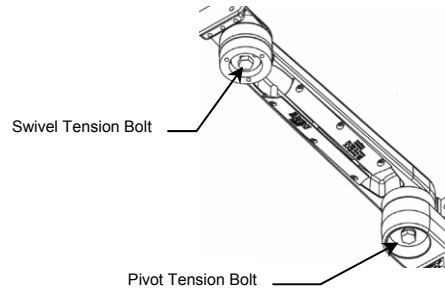


Move cam lock lever to LOCK position to secure

INSTRUCTIONS FOR USE – M Series Pivot Arm

Pivot

- 1) To pivot the Arm (near the wall), simply push on the side of the Arm or mounted device.
- 2) To adjust the pivot tension at the Slide, use a $\frac{1}{2}$ " (or 13mm) socket driver to tighten or loosen the Pivot Tension Bolt to obtain the desired tension.

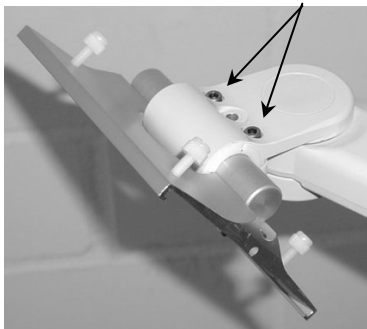


Swivel

- 1) To rotate the device simply push or pull the corners of the device.
- 2) To adjust the swivel tension, use a $\frac{1}{2}$ " (or 13mm) socket driver to tighten or loosen the Swivel Tension Adjustment Bolt located under the front end of the Arm.

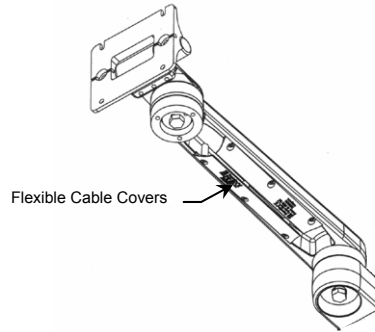
Tilt

- 1) Grasp the top and bottom of the device and tilt it to the desired angle (limited by Tilt Limit Screw)
- 2) To adjust the overall tilt tension, evenly tighten or loosen the (2) #10-32 x $\frac{5}{8}$ " SHCS Tilt Tension Adjustment Screws using the supplied $\frac{5}{32}$ (4 mm) hex key (may require removal of Tilt Limit Screw – Reinstall if removed).



Cable Management

- 1) An open cavity beneath the arm with flexible cable covers manage cables going to and from the front and rear of the arm.



Cleaning

- 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) 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. To verify compatibility, it is recommended that any cleaning solution be tested on a small area of the arm that is not visible.
- 5) Never submerge the mounting 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 supplied with those products.

PARTS LIST

GCX P/N	Dräger P/N	DESCRIPTION
DR-0027-02	MM15743	Primus Top Shelf Base Plate with Camlock Rails (For Trolley Version Only)
DR-0027-07	MM15746	Philips CMS M-Series Mounting Assembly for Primus: Includes: 16" M Series Pivot Arm 12"/18" Down Posts for 1 or 2 Satellite Racks Alarm Box/Power Supply Bracket