GCX Mounting Assembly Installation Guide

Philips MP90 (with AGM) Mounting Kit for Datex Ohmeda Aespire Anesthesia Machine

The purpose of this guide is to:

1. *Describe procedure for attachment of right-side channel (page 1 of 5).*
2. *Describe procedure for attachment of counterweight (page 2 of 5).*
3. *Describe procedure for attachment of top plate/camlock rail assembly (page 4 of 5).*
4. *Describe procedure for attachment of down post to pivot arm (page 4 of 5).*
5. *Describe procedure for attachment of display mount (page 4 of 5).*
6. *Describe procedure for mounting display, remote speedpoint, alarm, and power supply (page 5 of 5).*

Installation Note: The Philips MP90 Mounting Kit includes individual kits with separate installation guides. Procedures are included in this guide for kits which do not have (or refer to) separate installation guides.
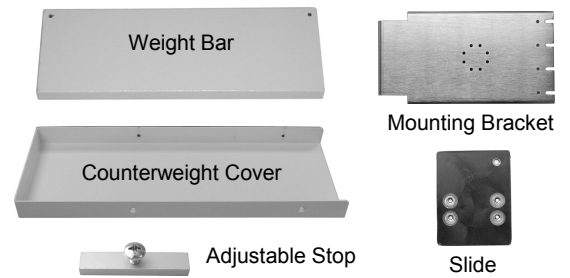
Attaching Right Side Channel

Attach the Right Side Channel in accordance with separate GCX Mounting Assembly Installation Guide titled: *Datex-Ohmeda Aespire and Avance – Right Side Channel (DU-DX-0033-12).*

Attaching the Counterweight

Parts Reference

The following parts and hardware will be used in this installation (see photo for parts, hardware not shown):
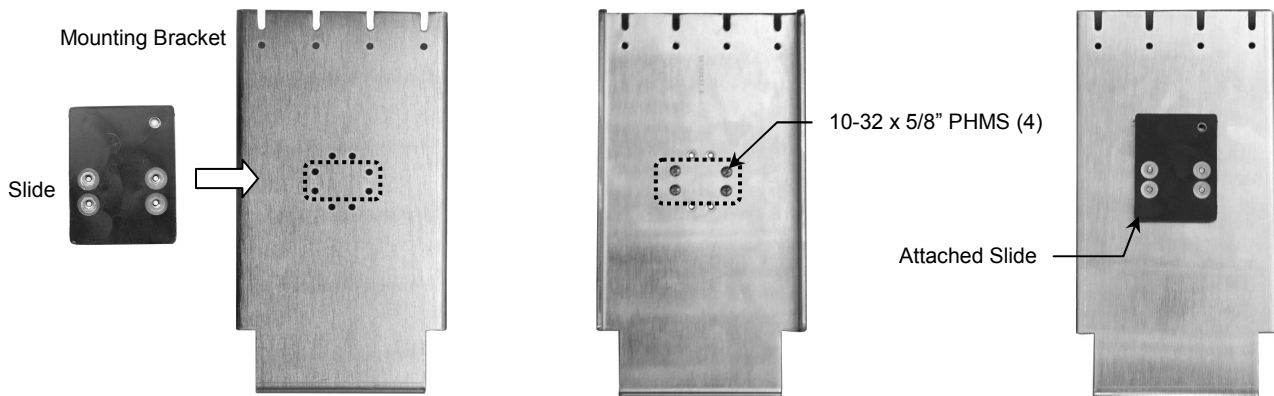
Item #	Description	Qty
1	Weight Bar	1
2	Mounting Bracket	1
3	#10-32 x 1/4" Flat Head Machine Screw (FHMS), 100º	4
4	Counterweight Cover	1
5	Slide	1
6	#10-32 x 5/8" Pan Head Machine Screw (PHMS)	4

Weight Bar

Mounting Bracket
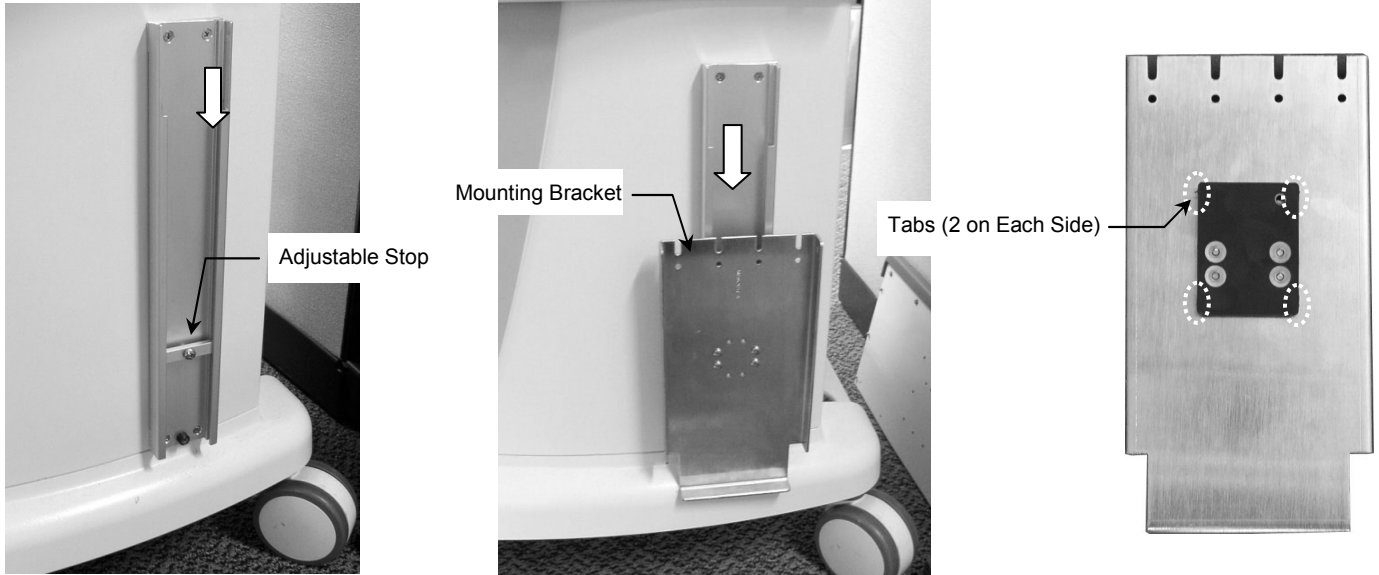
Counterweight Cover

Adjustable Stop

Slide

Tools Required for This Task: Phillips screwdriver.

Installation Note: The Counterweight may be mounted on the front, rear, left or right side of the anesthesia machine, but for this application it will be mounted horizontally on the right side of the machine.
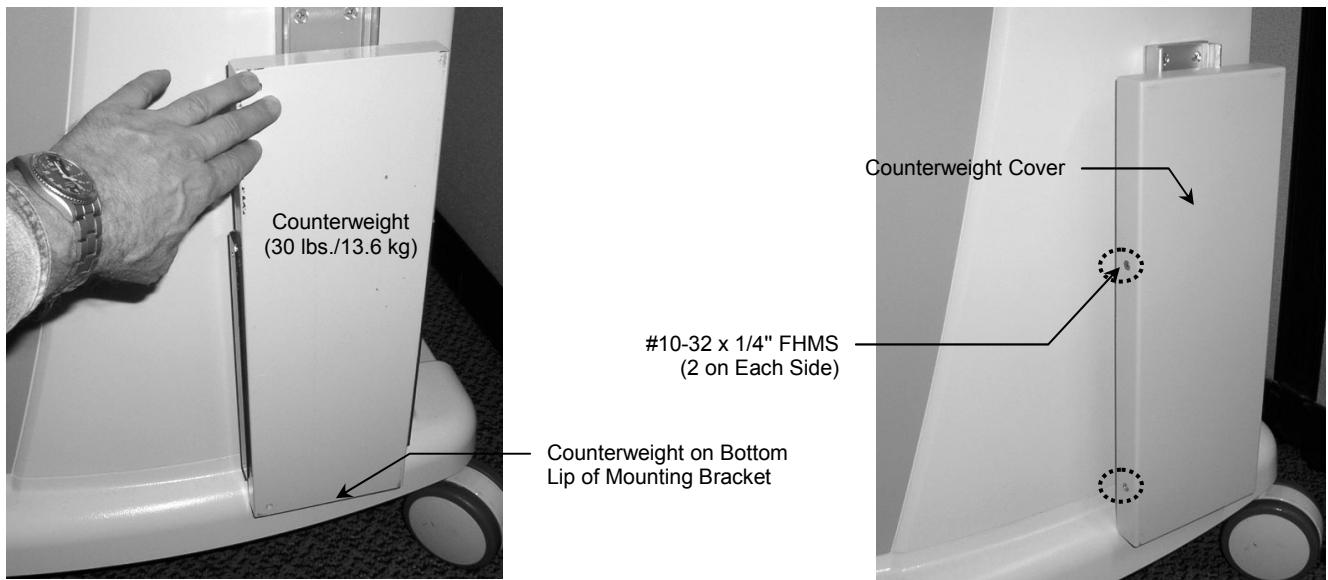
1. Identify the 4-hole Slide-mounting pattern on the Counterweight Mounting Bracket (below left). Align the mounting holes on the Slide with the mounting pattern on the Bracket (below center). Fasten Slide to Bracket with four (4) #10-32 x 5/8" PHMS (below right). **Note:** Screws are inserted from the inner side of Bracket (below right).

Mounting Bracket

Slide

10-32 x 5/8" PHMS (4)

Attached Slide

2. Insert Adjustable Stop in top of Channel and move to desired Counterweight-mounting position in Channel (below left). Tighten center screw in Adjustable Stop.

3. Insert Mounting Bracket (Slide) in Channel and slide Bracket to rest against Adjustable Stop (below center).
   Installation Note: If Slide is difficult to move in Channel, it may be necessary to file a small amount of material off four (4) tabs on each side of the Slide (below right). File equal amount of material off each side.

Adjustable Stop

Mounting Bracket

Tabs (2 on Each Side)

4. Carefully lift Counterweight (30 lbs/13.6 kg) onto bottom lip of Mounting Bracket, holding Counterweight in place (below left). Place Counterweight Cover over Counterweight and Bracket. Align two (2) mounting holes on each side of Cover with corresponding threaded holes in Bracket and fasten Cover to Bracket with four (4) #10-32 x 1/4" FHMS (below right).

Counterweight (30 lbs./13.6 kg)

Counterweight on Bottom Lip of Mounting Bracket

Counterweight Cover

#10-32 x 1/4" FHMS (2 on Each Side)

Attaching Top Plate/Camlock Rail Assembly

Attach the Top Plate/Camlock Rail Assembly in accordance with separate GCX Mounting Assembly Installation Guide titled: *Top Shelf Base Plate/Camlock Rails for Datex-Ohmeda Aespire Anesthesia Machine (DU-DX-0033-08).*

Attaching Down Post to Pivot Arm

Attach the Down Post (6" or 12") to the pivot arm in accordance with separate GCX Mounting Assembly Installation Guide titled: *Datex-Ohmeda Aespire Core Pivot Arm – 6" and 12" Down Posts (DU-DX-0033-81).*
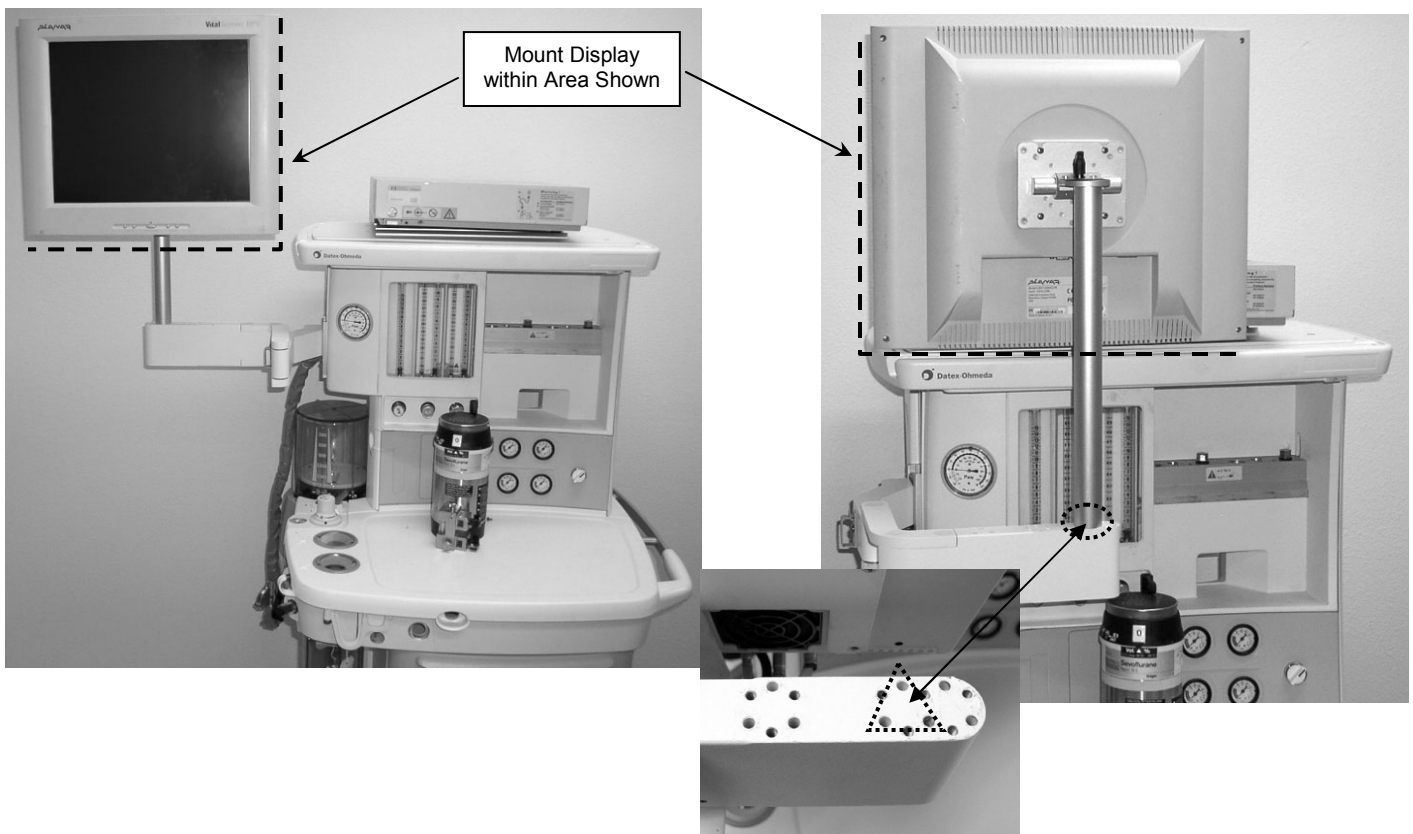
Attaching Display Mount

Parts Reference

The following parts and hardware will be used in this installation (see photo for parts, hardware not shown):

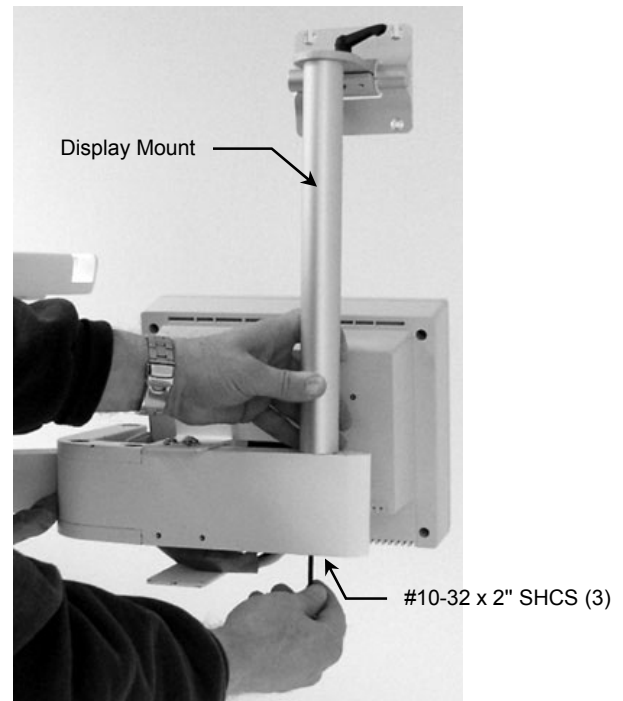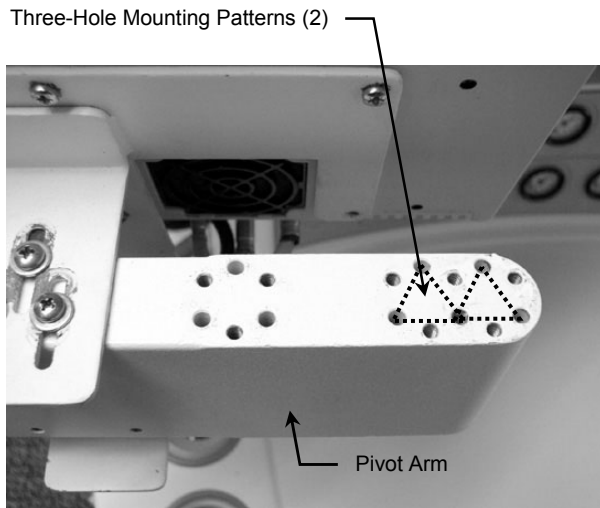| Item #	Description	Qty
1	Display Mount, 15" with Philips Universal Mounting Plate	1
2	#10-32 x 2" Socket Head Cap Screw (SHCS)	3
3	M4 x 8mm Pan Head Machine Screw (PHMS)	4
4	5/32" Hex Key	1

Display Mount

Tools Required for This Task: Phillips screwdriver, 5/32" hex key (provided).

Installation Note: To prevent the pivot arm from binding when folded inward, the display should be mounted within an area delineated by a dashed line on the photos below. Typically, the mounting patterns closer to the end would be used for larger displays, but this may not be true for all applications.

Mount Display within Area Shown

1. Locate the desired three-hole mounting pattern on the pivot arm (below left).

2. Align three (3) threaded mounting holes in end of Display Mount with mounting holes in arm. Using 5/32" [4-mm] hex key, fasten Mount to Arm with three (3) #10-32 x 2" SHCS inserted from bottom of arm (below right). **Caution:** Do not over-tighten these screws.

Three-Hole Mounting Patterns (2)

Pivot Arm

Display Mount

#10-32 x 2" SHCS (3)

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.