

GCX Mounting Assembly Installation Guide

Universal Counterweight Kit (30 lbs/13.6 kg.)

The purpose of this guide is to:

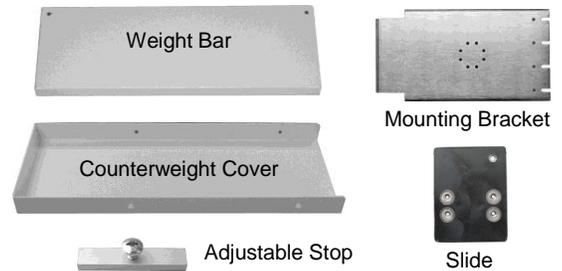
1. Describe installation of the GCX Counterweight Kit on the Dräger Fabius GS anesthesia machine.
2. Describe installation of the GCX Counterweight Kit on a channel (installed on an anesthesia machine).

Installation Note: This assembly can be configured on the front, rear, right, or left side of the anesthesia machine. Counterweights should be installed on the opposite side from patient-monitors/displays. This kit requires a GCX channel which is available as a separate kit with instructions.

Parts Reference

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

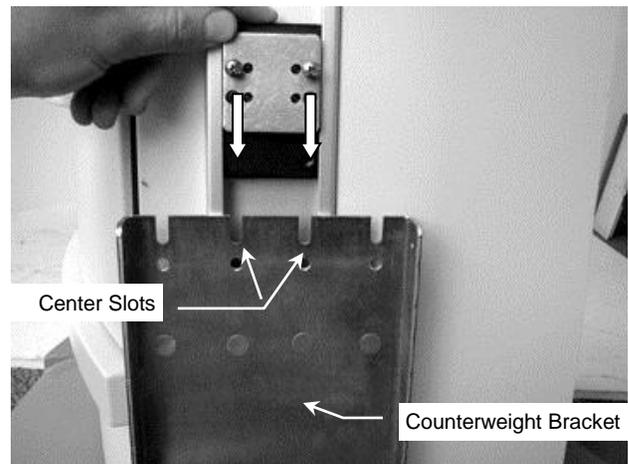
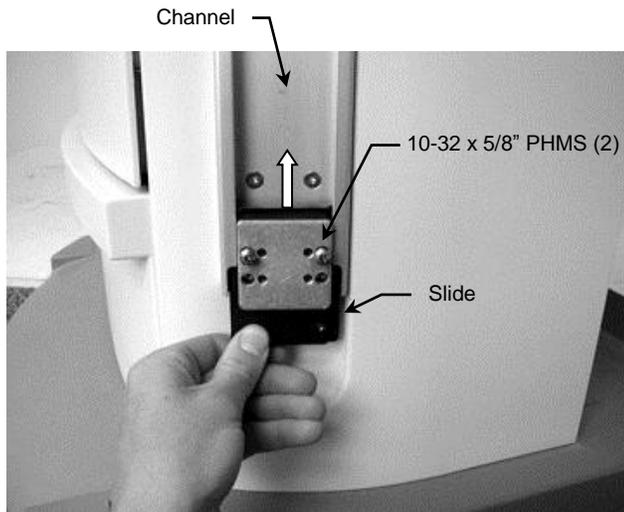
Item #	Description	Qty
1	Weight Bar (30 lbs. / 13.6 kg.)	1
2	Mounting Bracket	1
3	#10-32 x 1/4" Flat Head Machine Screw (FHMS), 100°	4
4	Counterweight Cover	1
5	Slide	1
6	#10-32 x 5/8" Pan Head Machine Screw (PHMS)	4
7	Adjustable Stop	1



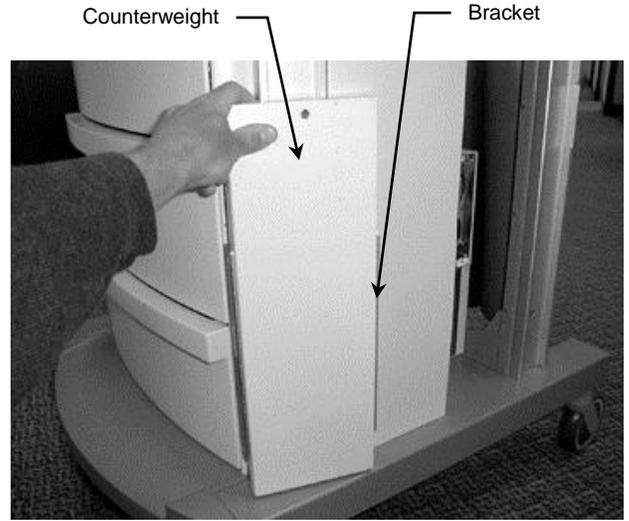
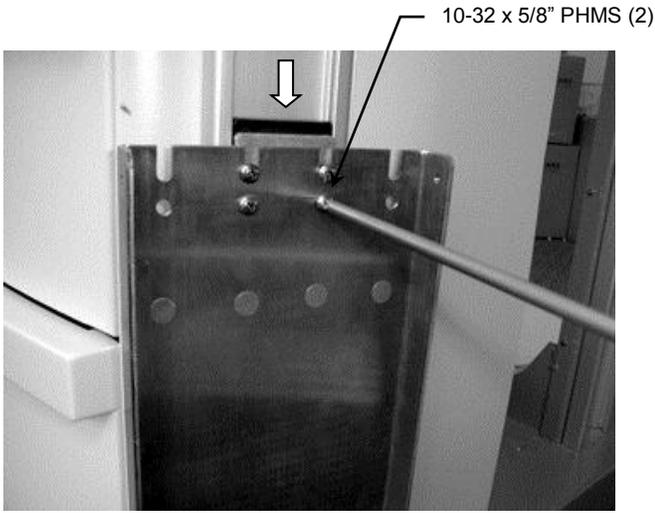
Tools Required for This Task: Phillips screwdriver.

Installing Counterweight on Dräger Fabius GS (Right Front Channel Shown)

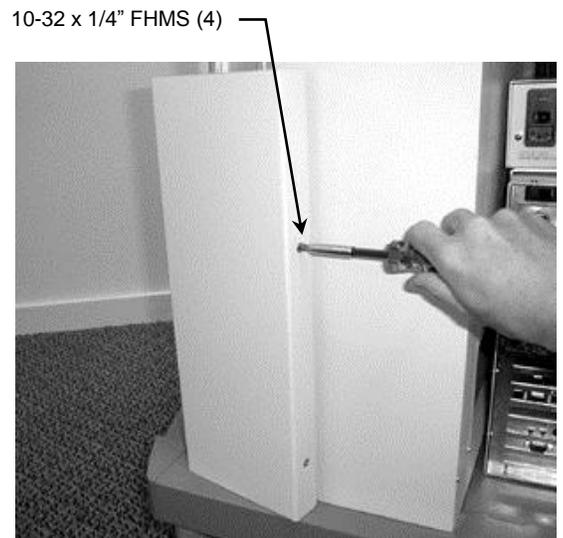
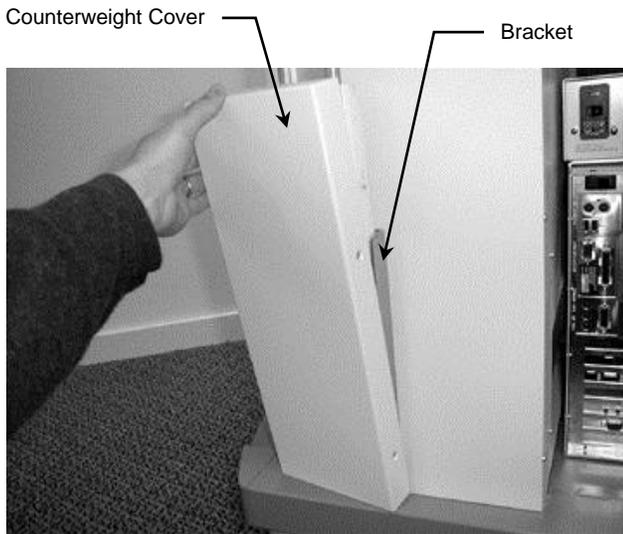
1. Install two (2) #10-32 x 5/8" PHMS into the Slide as shown. Insert Slide into front Channel (on Fabius GS). Align the Counterweight Bracket with the Front Channel so the Center Slots will accept the #10-32 x 5/8 PHMS in the Slide.



2. Drop the Slide down so the screws engage the Center Slots, install the lower two (2) #10-32 x 5/8" PHMS and tighten all four screws. Place the Counterweight (30lbs/13.6kg) into the Bracket, carefully hold it in place.

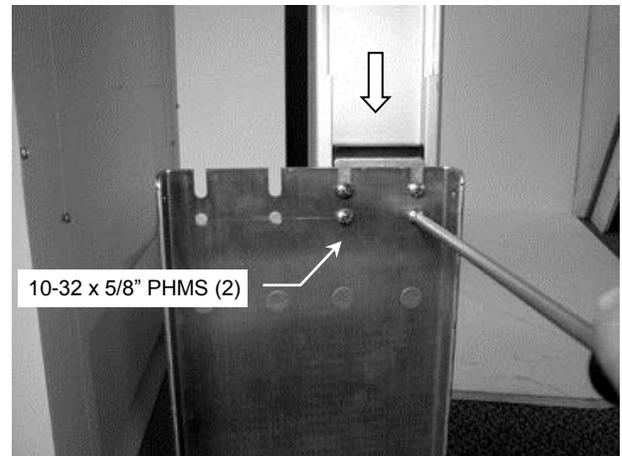
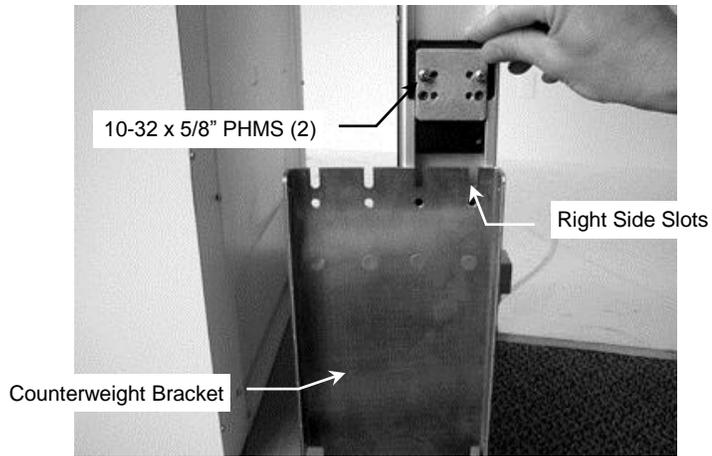


3. Place Counterweight Cover over the Counterweight and Bracket as shown. The two holes on either side should align with the threaded holes in the Bracket. Fasten the Cover to the Bracket using the four (4) #10-32 x 1/4" FHMS provided.

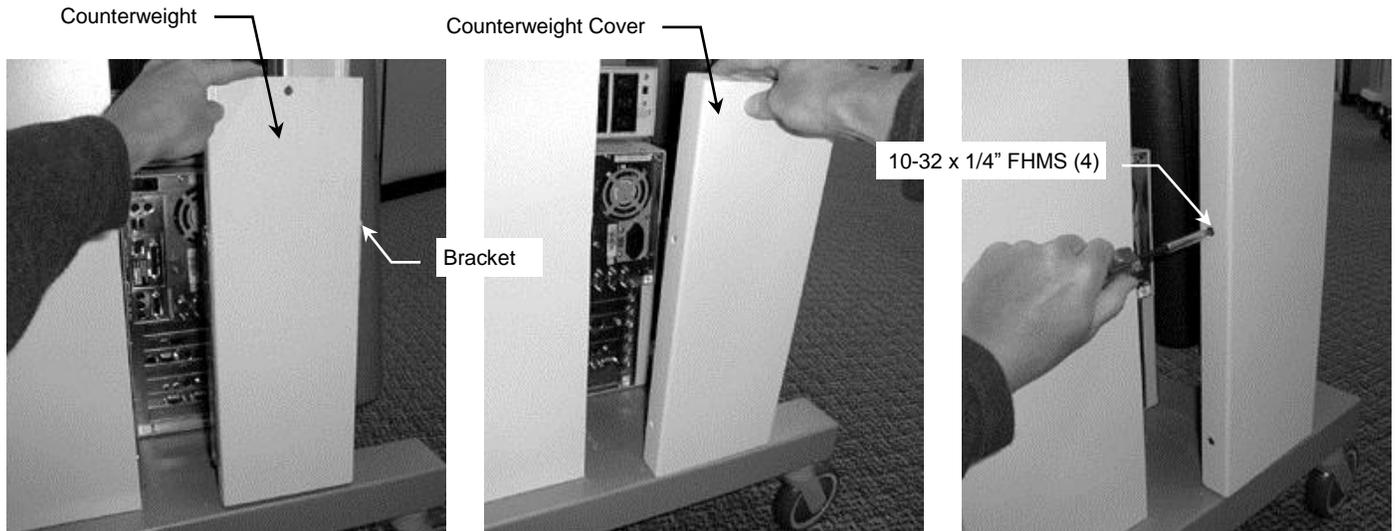


Install Counterweight to Rear Channel (right side shown)

1. Install two (2) #10-32 x 5/8" PHMS into the Slide as shown. Insert Slide into rear Channel (on Fabius GS). Align the Counterweight Bracket with the Front Channel so the Right Side Slots will accept the 10-32 x 5/8" PHMS in the Slide (For left side installation the left side slots would be used). Drop the Slide down so the screws engage the Right Side Slots as shown. Install the lower two (2) #10-32 x 5/8" PHMS and tighten all four screws.

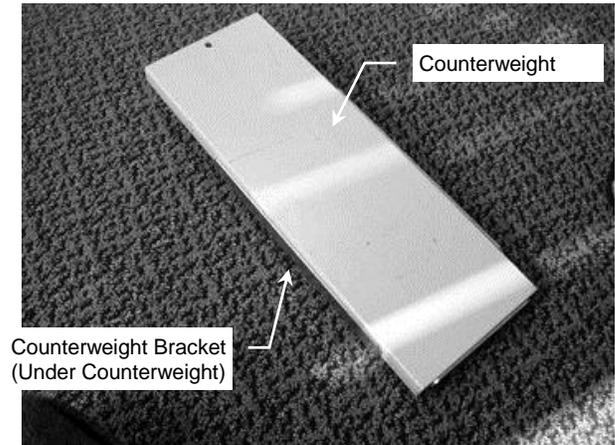
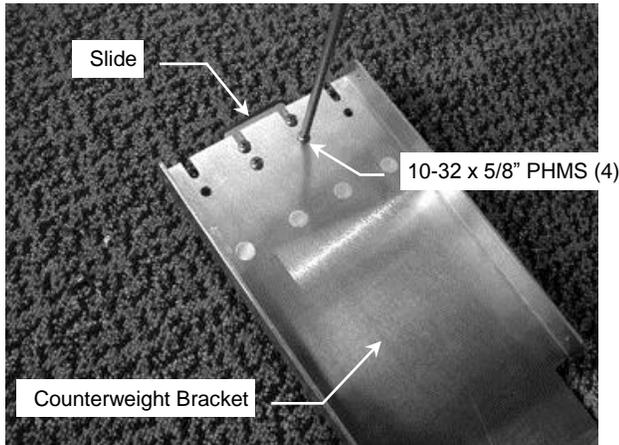


2. Place Counterweight (30lbs/13.6kg) in Bracket and carefully hold in place. Place Counterweight Cover over Counterweight and Bracket. The two (2) holes on either side should align with the threaded holes in the Bracket.
3. Fasten the Cover to the Bracket using the four (4) #10-32 x 1/4" FHMS provided.



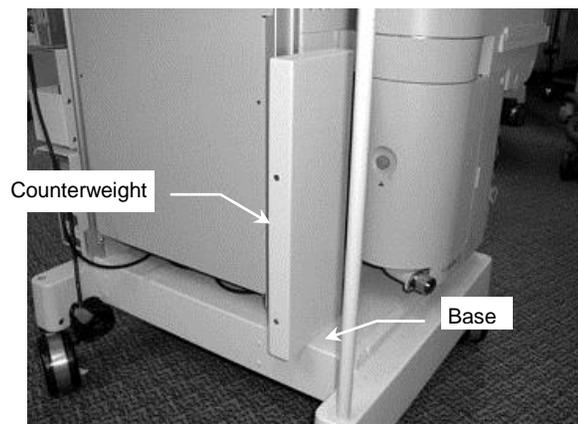
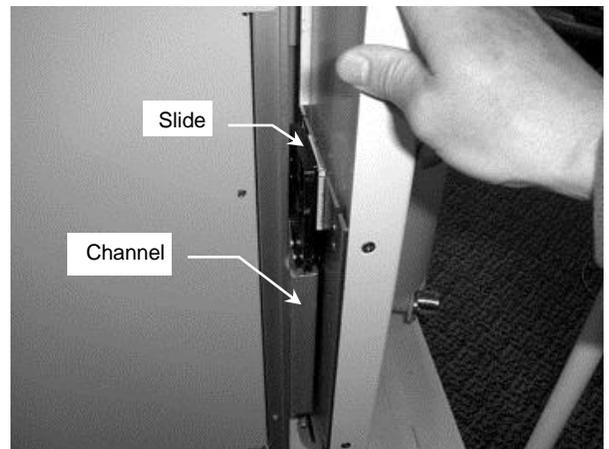
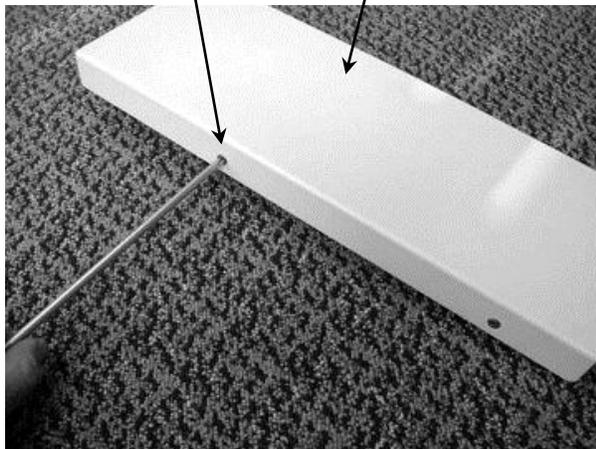
Installing Counterweight on Datex Ohmeda Aestiva

1. Determine appropriate position of slide on the Counterweight Bracket (left, right or center), center position shown. Attach Slide to Counterweight Bracket using four 10-32 x 5/8" PHMS as shown. Place Counterweight into Counterweight Bracket as shown.



2. Attach Counterweight Cover to Counterweight Bracket with four (4) #10-32 x 1/4" FHMS as shown. Install Counterweight assembly to channel by aligning Slide with channel, then slide the Counterweight into position. Note that the base of the anesthesia machine will support the Counterweight vertically.

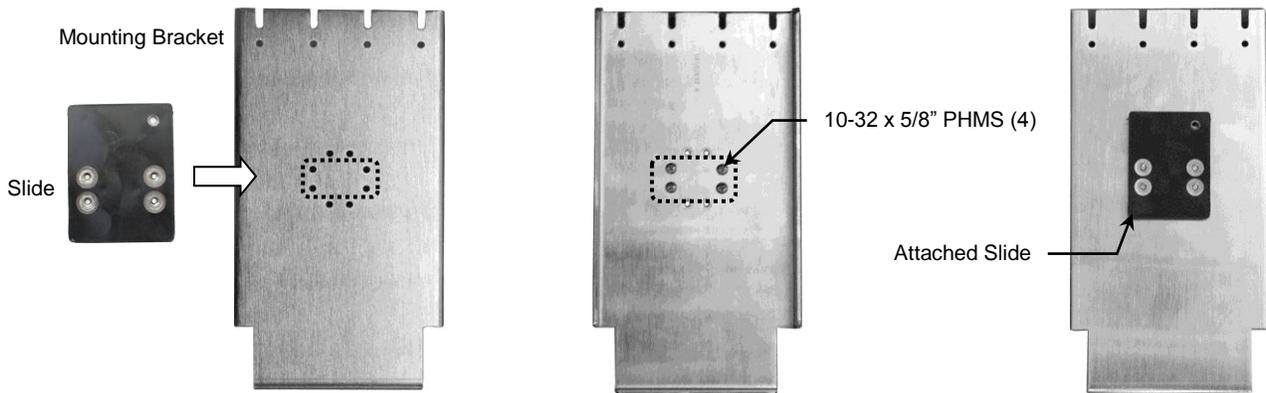
10-32 x 1/4" FHMS (4) Counterweight Cover



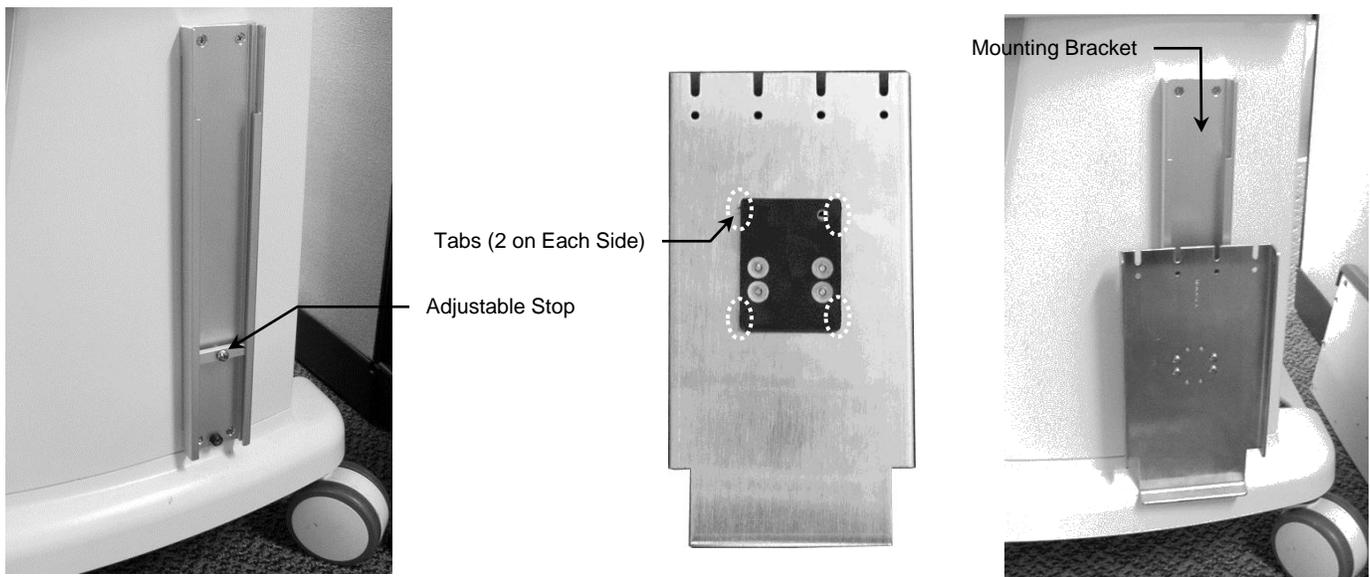
Installing Counterweight on Datex Ohmeda Aespire

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 vertically 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).



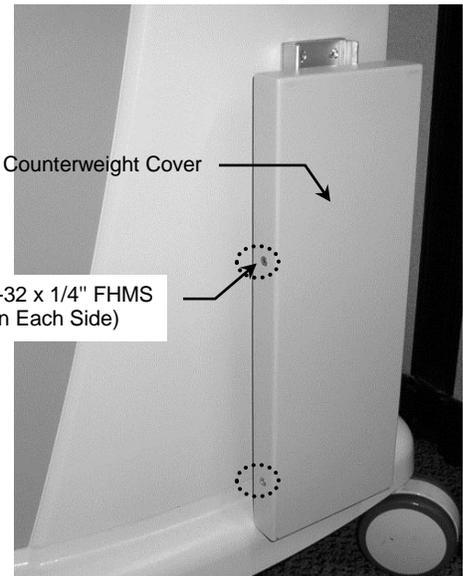
2. Insert Adjustable Stop in top of Channel and move to desired Counterweight-mounting position in Channel. Tighten center screw in Adjustable Stop.
3. Insert Mounting Bracket (Slide) in Channel and slide Bracket to rest against Adjustable Stop. **Installation Note:** If Slide is difficult to move in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



- 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).



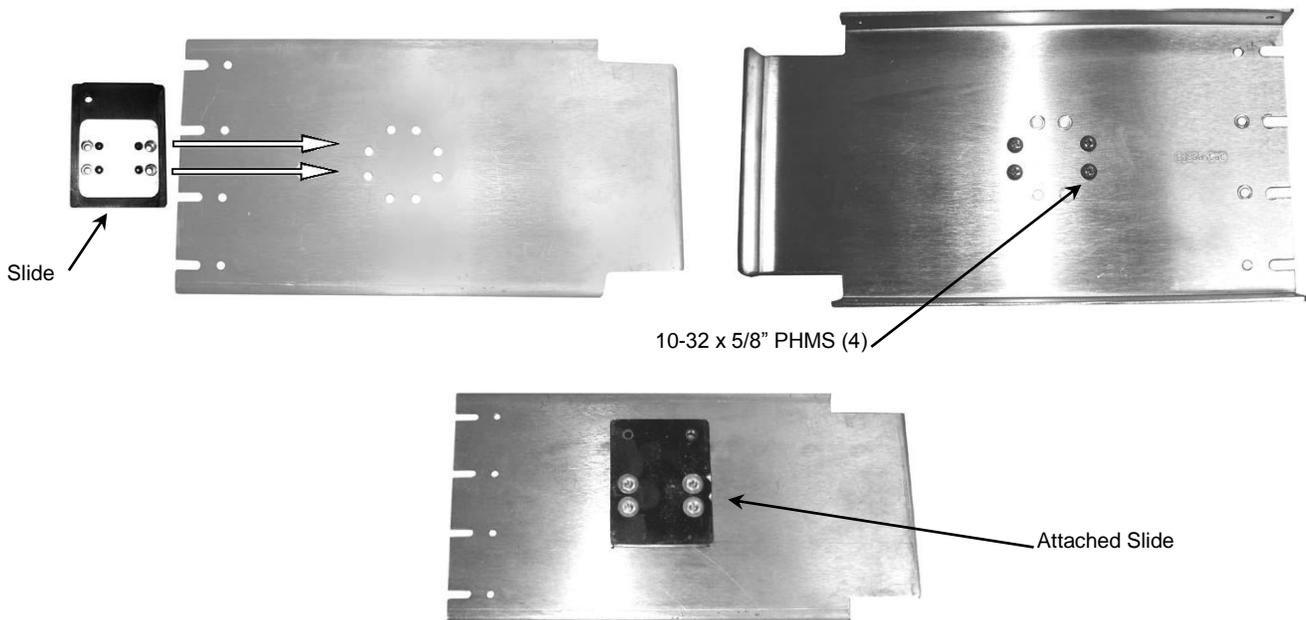
Counterweight on Bottom Lip of Mounting Bracket



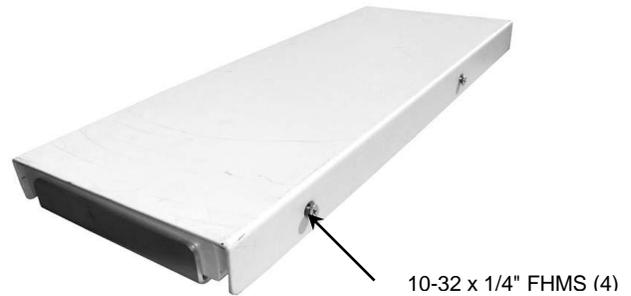
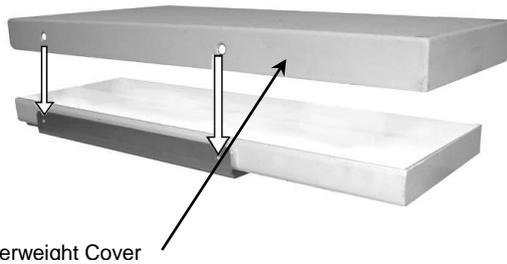
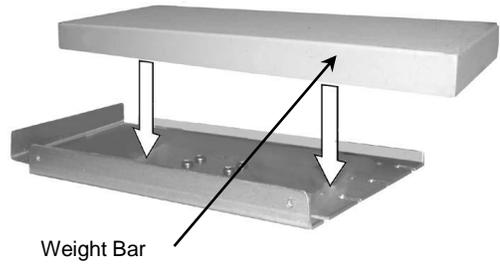
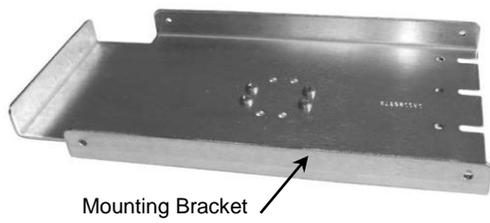
Mounting Counterweight Horizontally

Installation Note: The Counterweight may also be positioned horizontally in the channel to help counter-balance the anesthesia machine.

- Identify the 4-hole Slide-mounting pattern on the Counterweight Mounting Bracket. Align the mounting holes on the Slide with the mounting pattern on the Bracket. Fasten Slide to Bracket with four (4) #10-32 x 5/8" PHMS inserted from the inner side of Bracket.



2. Carefully set Counterweight (30 lbs./13.6 kg) into the Mounting Bracket. Place Counterweight Cover over Counterweight and Mounting Bracket and secure with (4) 10-32 x 1/4" FHMS. **Installation Note:** Make sure that Counterweight is completely enclosed within the Mounting Bracket and the Counterweight Cover.



3. Insert Adjustable Stop in top of Channel and move to desired Counterweight-mounting position in Channel. Tighten center screw in Adjustable Stop. Carefully lift Counterweight Assembly and lower into channel. Assembly will rest against Adjustable Stop.

