

## Installation Guide

### Philips MP90 M-Series Wall Mount Kit (12" Pivot Arm)

*The purpose of this guide is to describe installation of the MP90 M-Series Wall Mount Kit.*



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## Section 1.0: Mounting the M-Series Arm

This section covers mounting of the M-Series Arm with 6" Riser and Philips Mounting Plate.

### 1.1 Parts Reference

The following parts and hardware are included in the installation kit (hardware not shown):

Item #	Description	Qty
1	M-Series Arm, 12" with 6" Riser and Philips Mounting Plate	1
2	Adjustable Stop	1
3	Lever, Tilt Adjustment	1
4	Wall Channel Cover, 16"	1
5	M4 x 8mm Pan Head Machine Screw (PHMS)	4
6	Remote Speedpoint/External Alert/Display Mounting Kit (see page 5 for parts)	1
7	Down Post Kit, 6" and 12" Posts	1
8	9/64" Hex Wrench	1
9	1/8" Hex Wrench	1
10	1/4" Hex Wrench	1



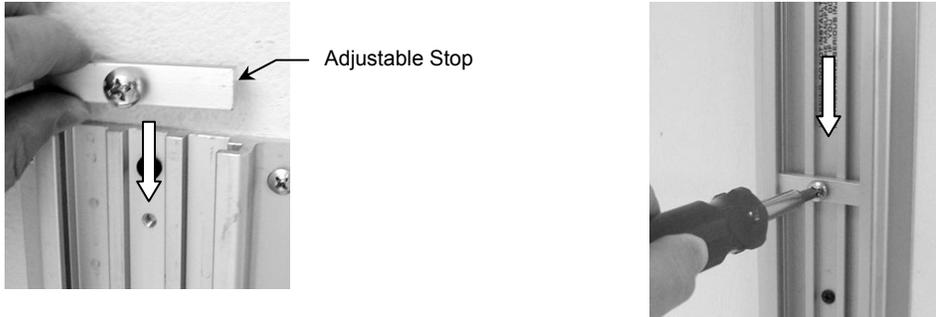
### Tools Required

Phillips screwdriver (not provided); 9/64", 1/8", and 1/4" hex wrenches (provided).

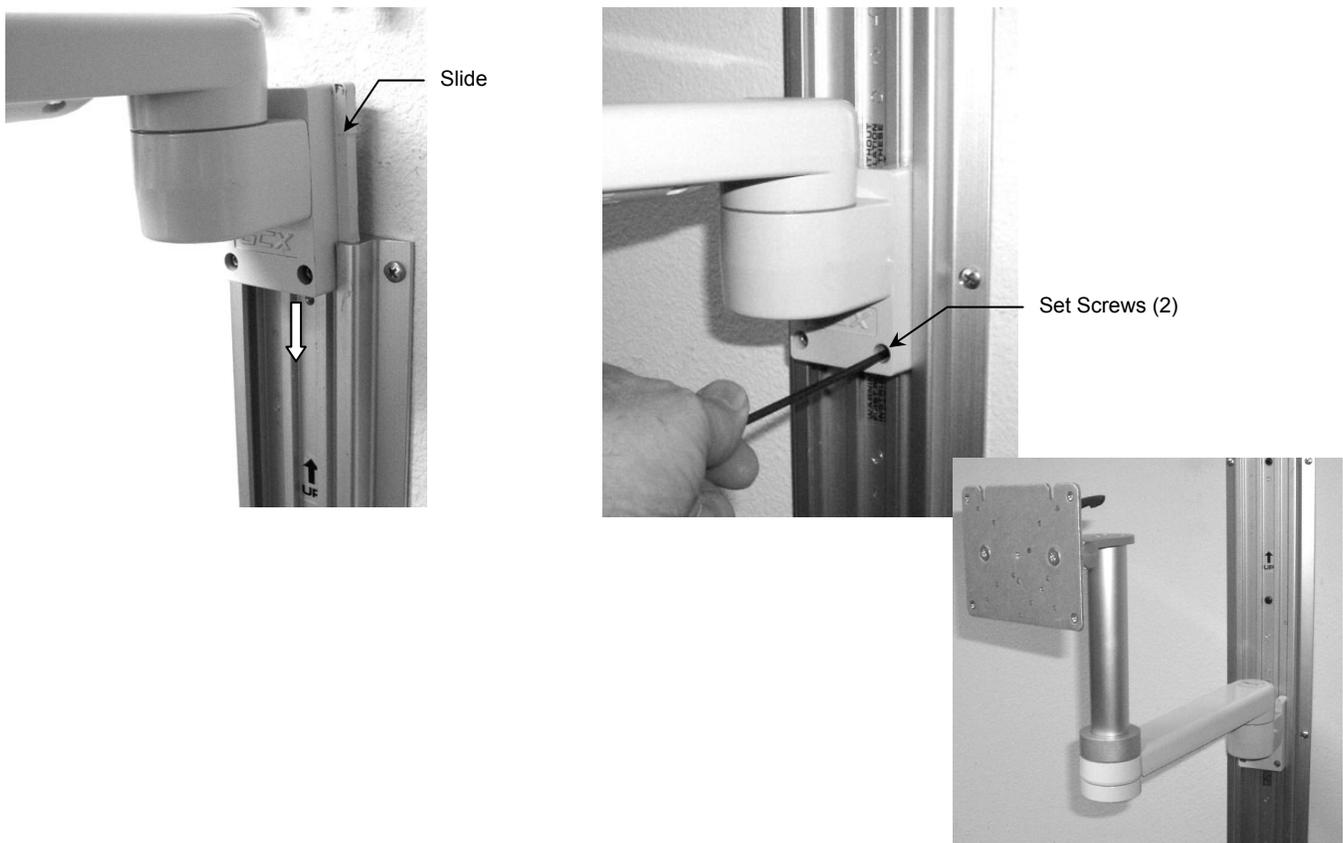
## 1.2 Mounting the M-Series Arm in the Wall Channel

**Installation Note:** This procedure covers mounting the arm in the wall channel only. For operating, adjustment, and cleaning procedures, refer to *Installation and Operating Manual for M-Series Mounts (DU-WMM-0001)*.

1. Insert Adjustable Stop in the top opening of wall channel (below left) and slide it to the desired Arm-mounting position in the channel. Secure the Adjustable Stop in the channel by tightening the center screw (below right).



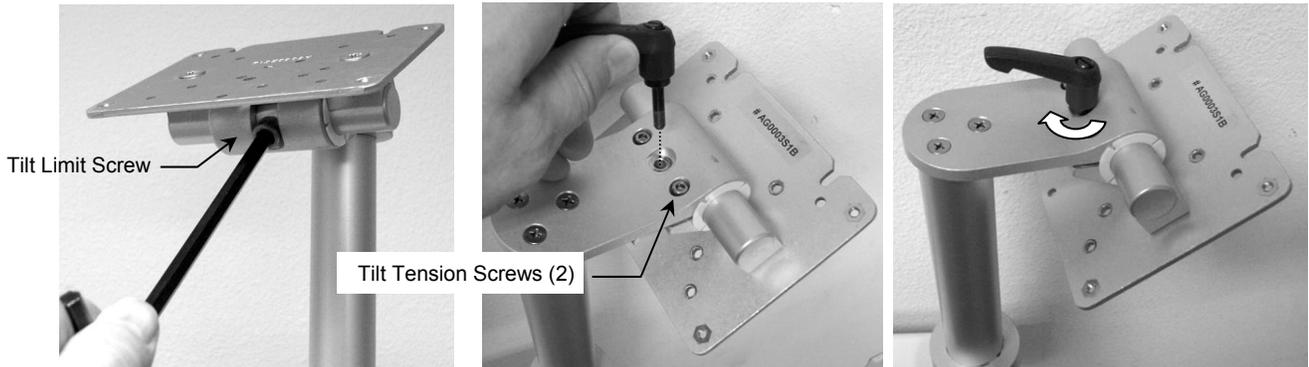
2. While supporting the bottom of the Arm, guide the Slide (rear of Arm) into the top of the wall channel (below left). Slide Arm to desired mounting position and tighten two (2) set screws (bottom of the Slide) with 1/8" hex wrench provided.



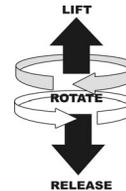
### 1.3 Installing the Tilt Adjustment Lever

**Installation Note:** Do not install the Tilt Adjustment Lever if you will be mounting a M8031B (15") display with Power Supply Holster. Tilt tension adjustment (if using Philips-supplied equipment) will be accomplished using a 9/64" hex wrench to loosen/tighten the two (2) socket head cap screws on top of the Manual Tilt Clamp.

1. Using the 1/4" hex wrench, remove the tilt limit screw (right) from the Manual Tilt Clamp.
2. Screw the Tilt Adjustment Lever (clockwise) into the threaded hole on top of the Manual Tilt Clamp. **Note:** It may be necessary to tilt the Mounting Plate down to install the Tilt Lever. Adjust tilt tension screws (below center) if necessary.



**Note:** The Tilt Adjustment Lever is a multi-position clamping lever that operates by lifting, rotating, and releasing the handle.

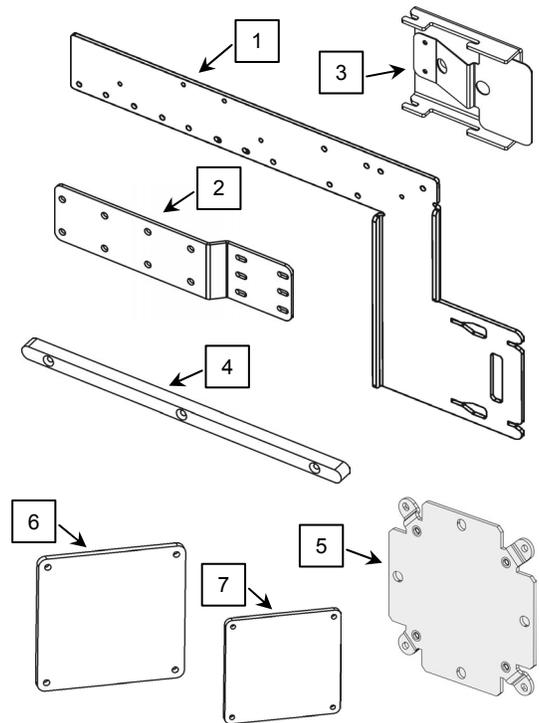


## Section 2.0: Attaching Remote Speedpoint/Alert Brackets & Mounting the Display

### Parts Reference

The following parts and hardware are included in this installation kit (hardware not shown):

Item #	Description	Qty
1	Remote Bracket	1
2	Alert Bracket	1
3	Remote Speedpoint Adapter	1
4	Reinforcing Bar	1
5	VESA Mounting Adapter, 100mm to 75mm	1
6	Spacer, 17" Display Mounting (P/N AG0019S22A)	1
7	Spacer, 15" Display Mounting (P/N AG0019S15A)	1
8	M4 x 6mm Flat Head Machine Screw (FHMS)	2
9	M4 x 8mm Pan Head Machine Screw (PHMS)	10
10	M4 x 10mm PHMS	2
11	M4 x 12mm PHMS	4
12	M4 x 16mm PHMS	2
13	M4 x 16mm FHMS	3
14	M4 x 20mm FHMS	2
15	M4 x 25mm PHMS	4
16	M4 x 40mm PHMS	2
17	Alert Spacer, 1.25" Aluminum	2
18	Spacer, 1/2" Nylon	2
19	#8 Retention Washer	2

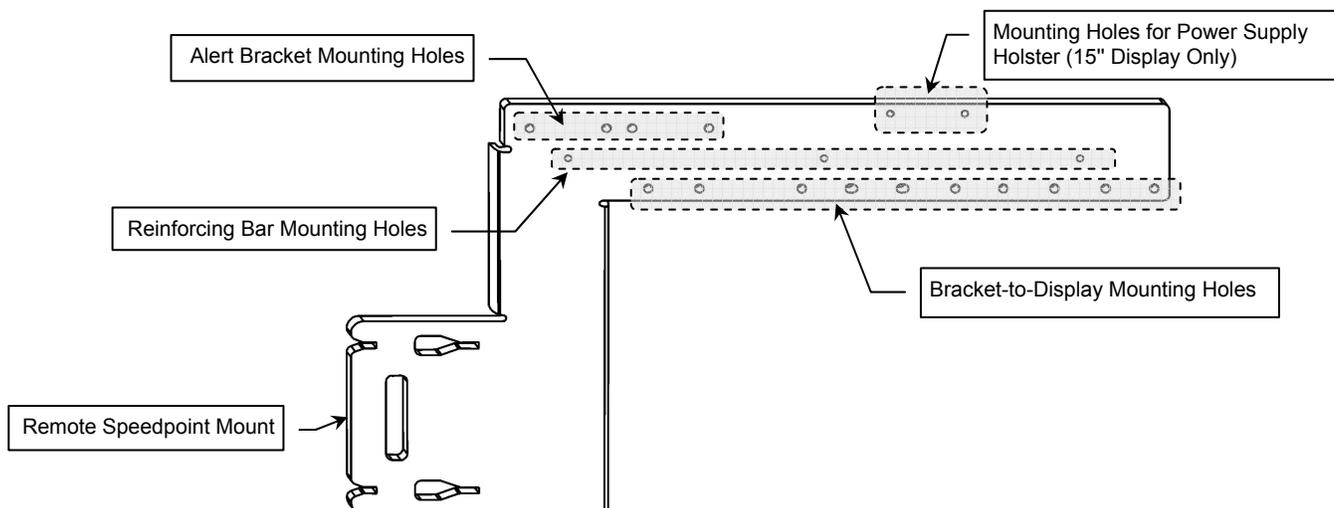


### Tools Required

Phillips screwdriver (not provided).

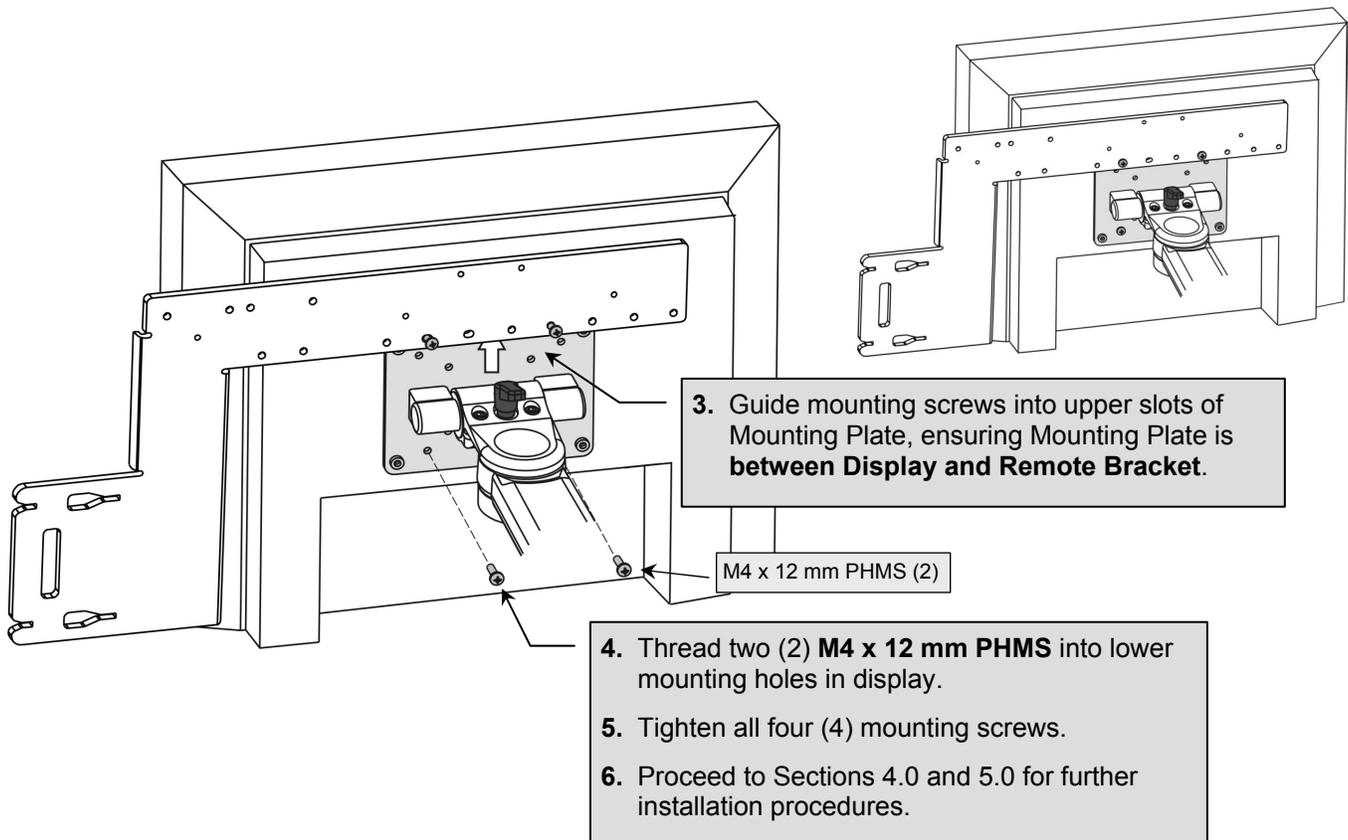
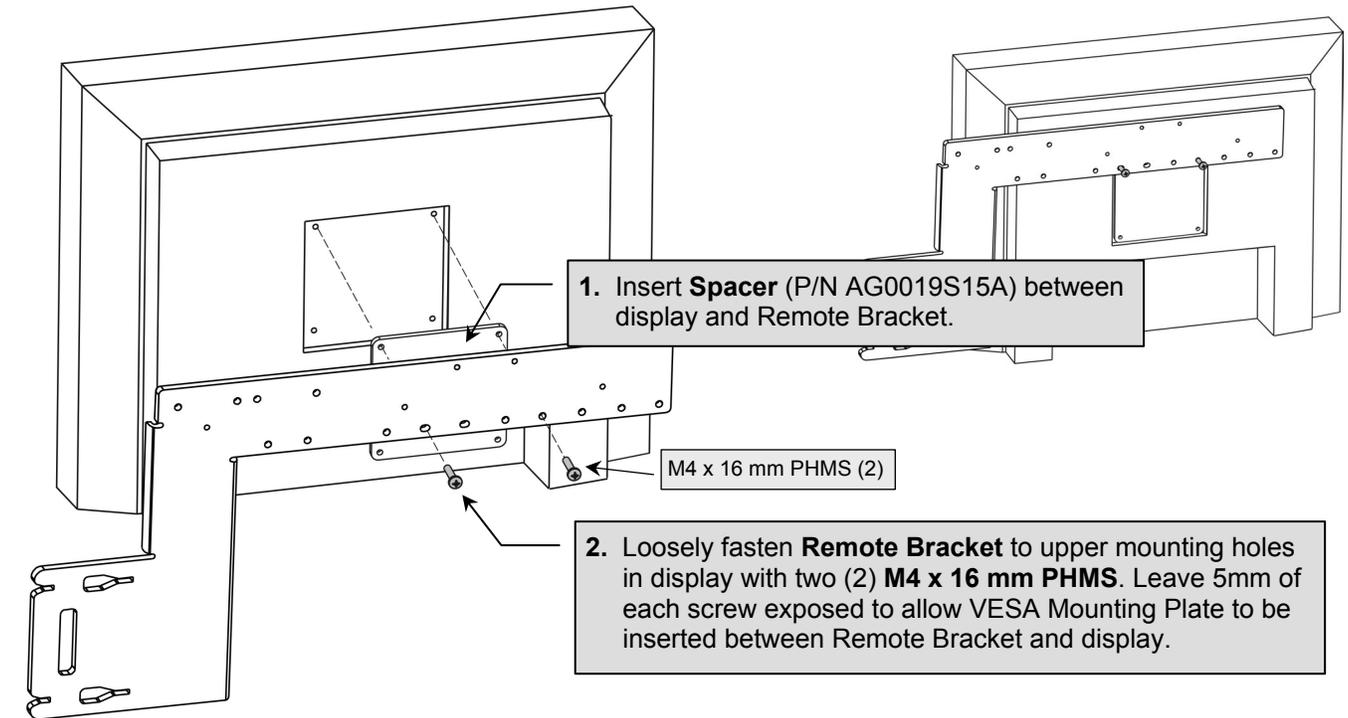
### Installation Reference – Remote Bracket Mounting Holes

Mounting holes are identified by shaded areas shown below:



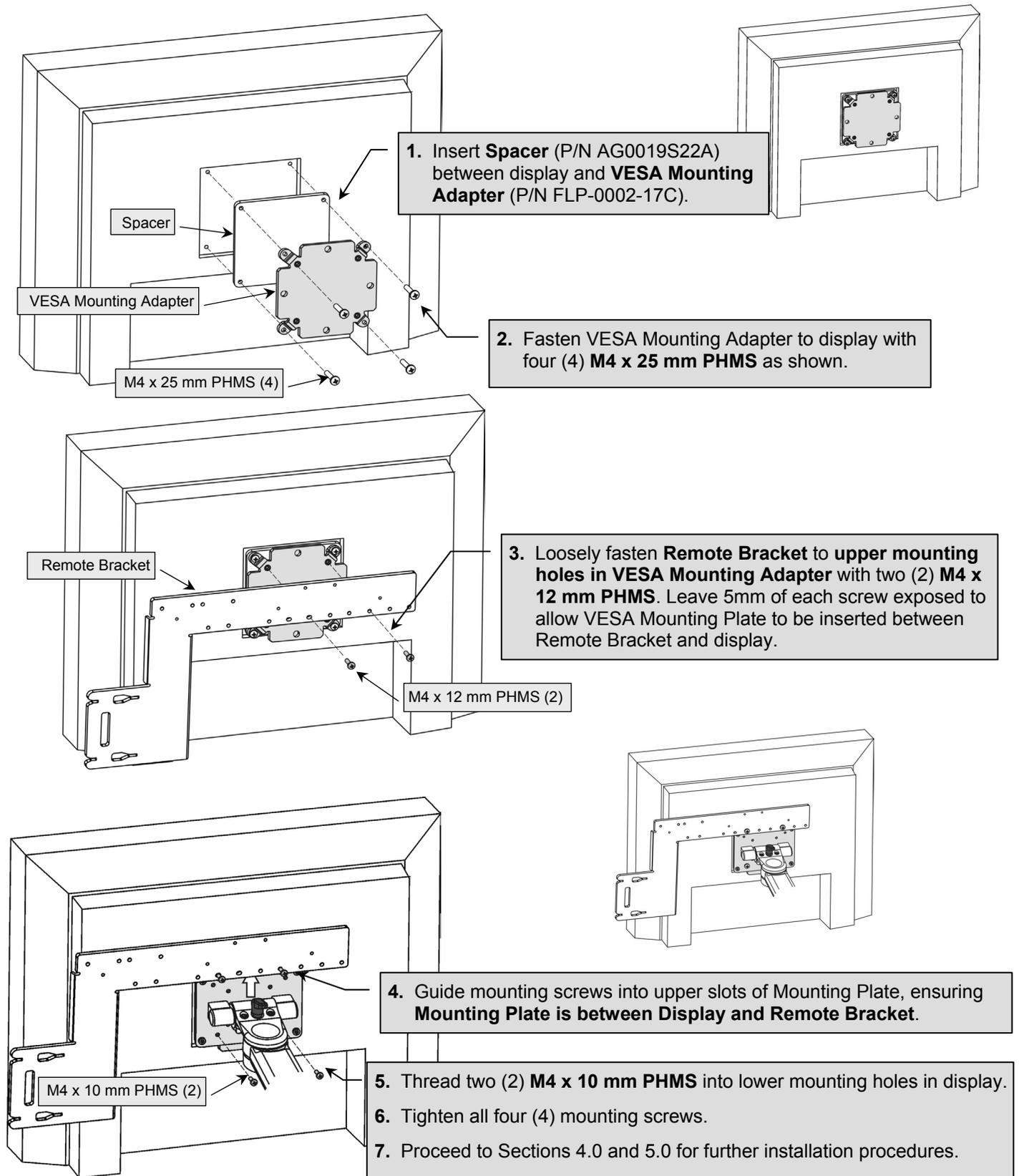
## 2.1 Attaching Remote Bracket and Mounting 15" (M8031B) Display

The following attachment procedures are for right-side mounting of both Remote and Alert devices on the M8031B display. The mounting holes shown in the following illustrations are typical. The actual application may require the use of different mounting holes.



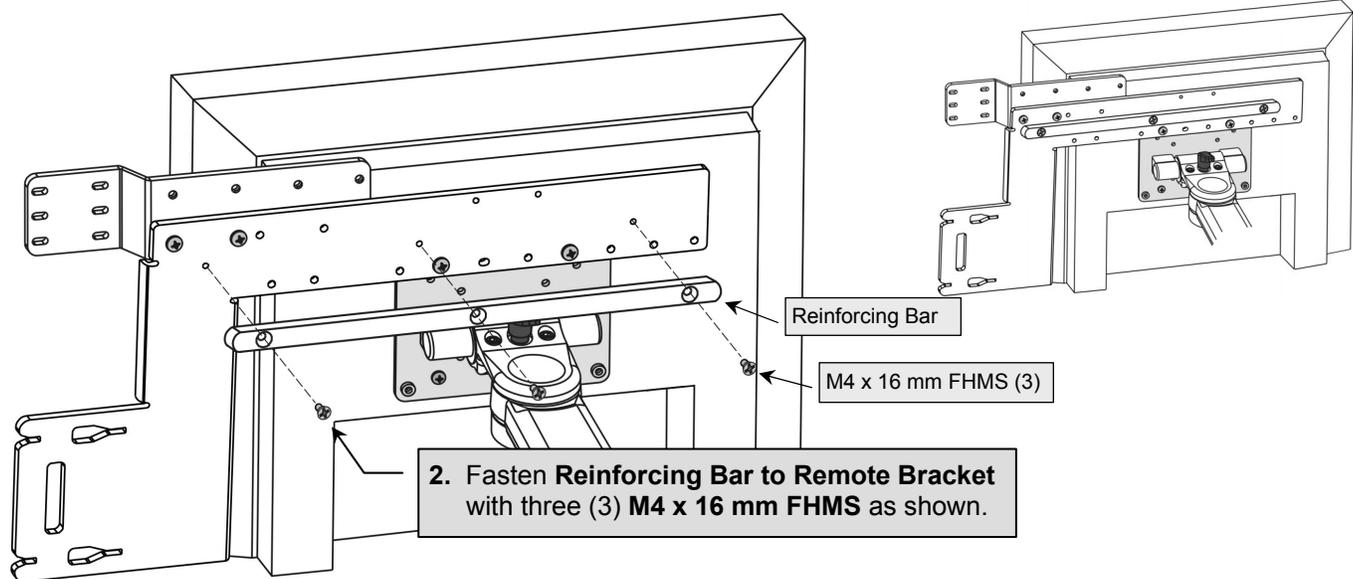
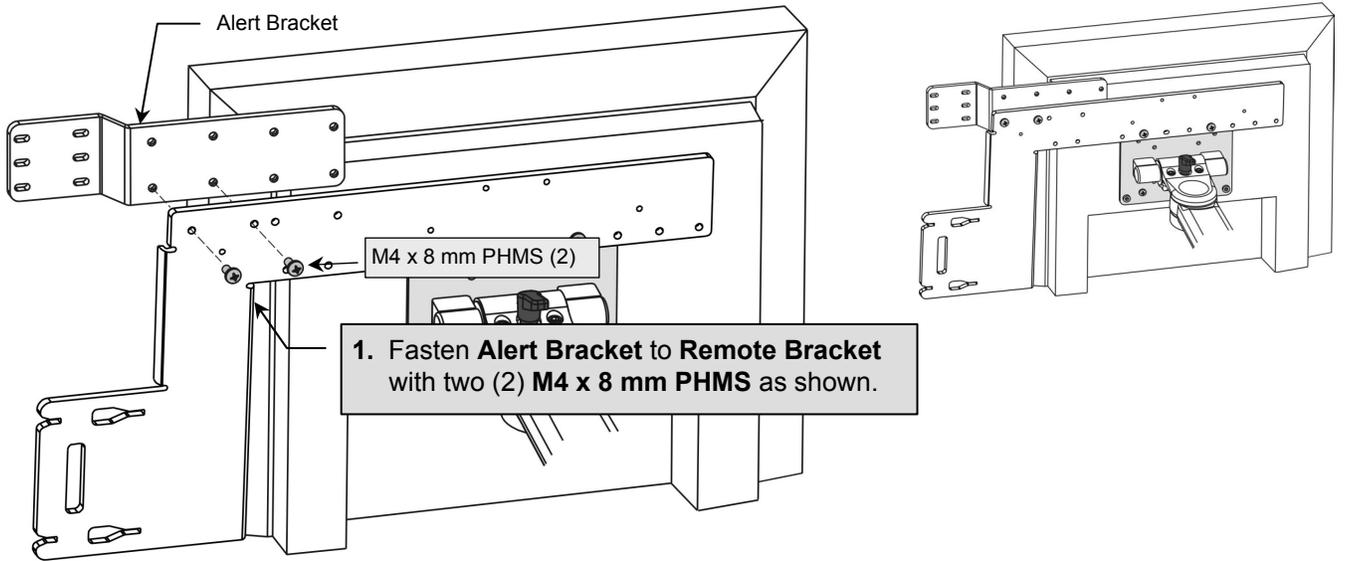
## 2.2 Attaching Remote Bracket and Mounting 17" (M8033C) Display

The following attachment procedures are for right-side mounting of both Remote and Alert devices on the M8031C display. The mounting holes shown in the following illustrations are typical. The actual application may require the use of different mounting holes.



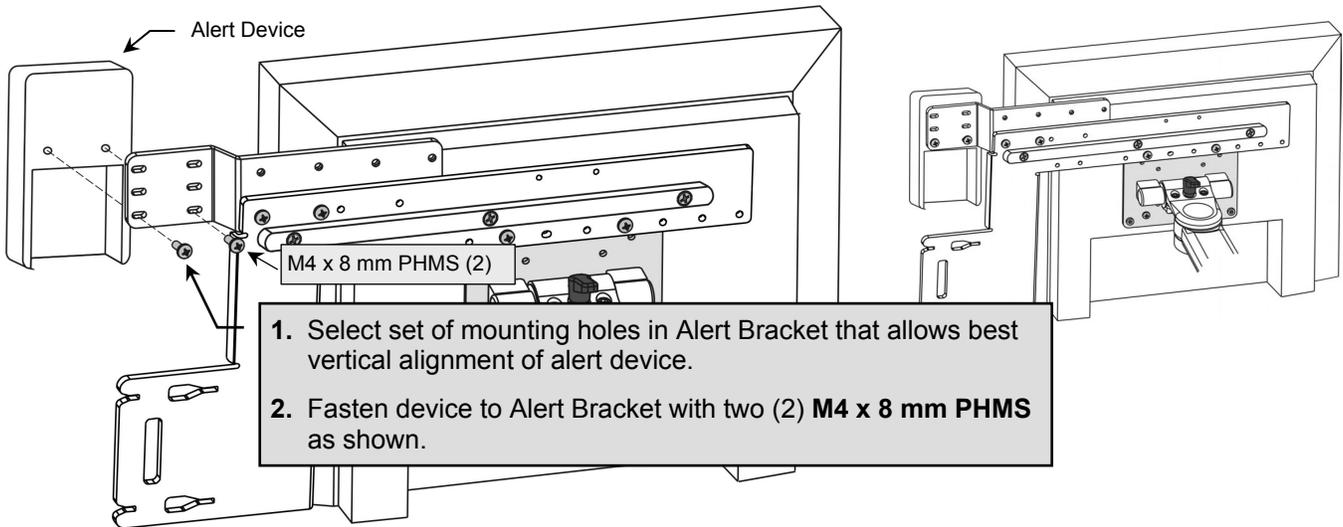
## 2.3 Attaching Alert Bracket and Reinforcing Bar to Remote Bracket

These procedures apply to both 15" and 17" displays.

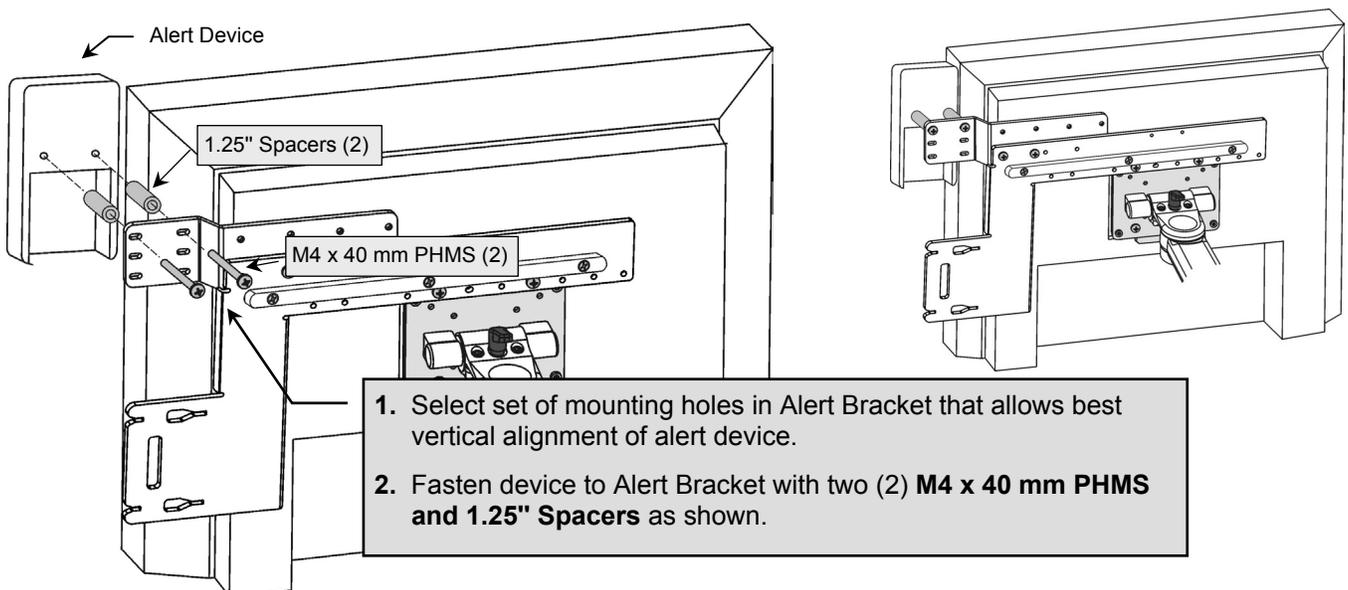


## 2.4 Mounting the Devices and Power Supply Holster

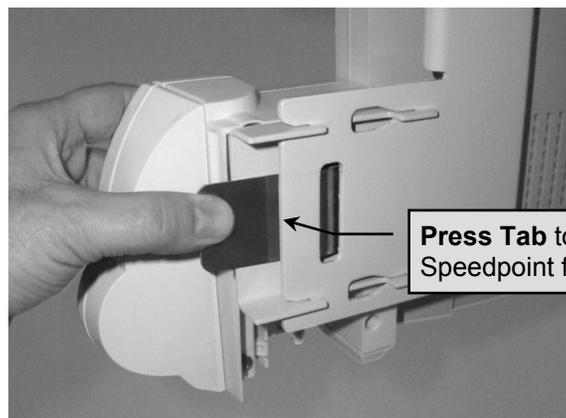
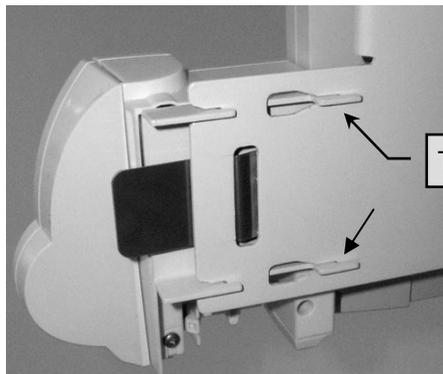
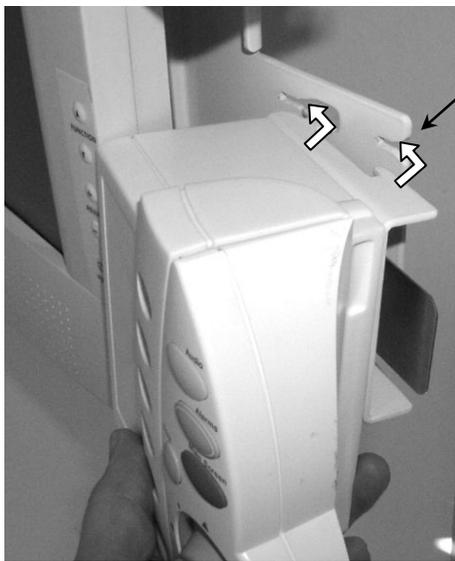
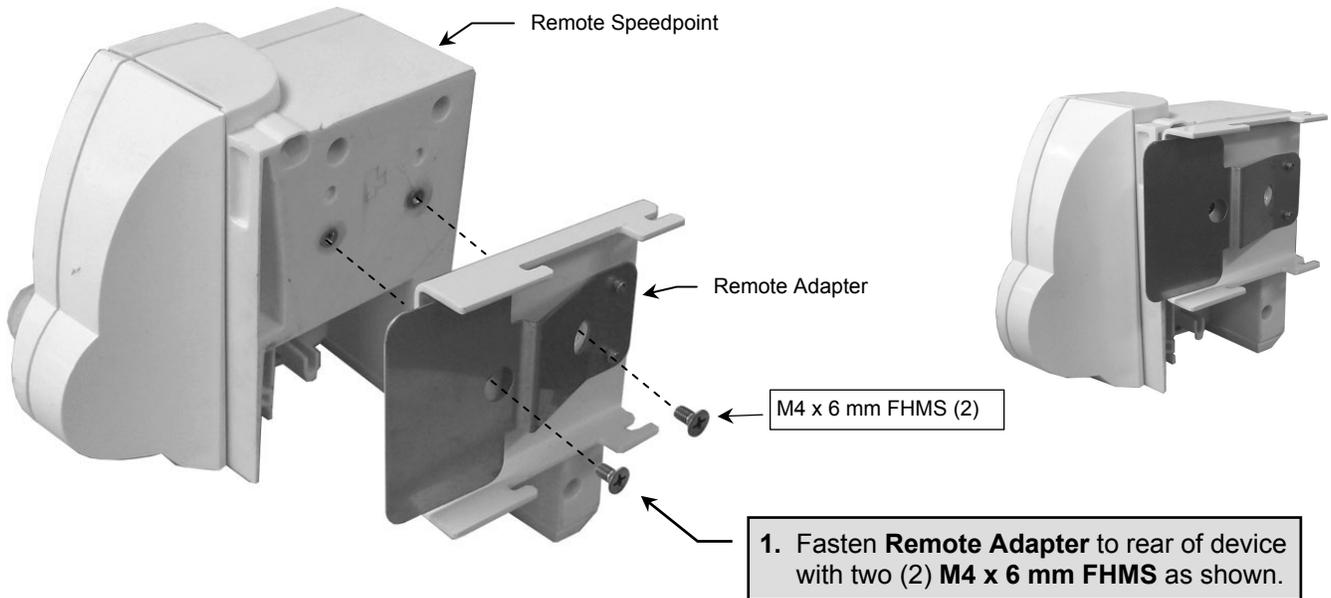
### 2.4.1 Mounting External Alert Device with 15" (M8031B) Display



### 2.4.2 Mounting External Alert Device with 17" (M8033C) Display

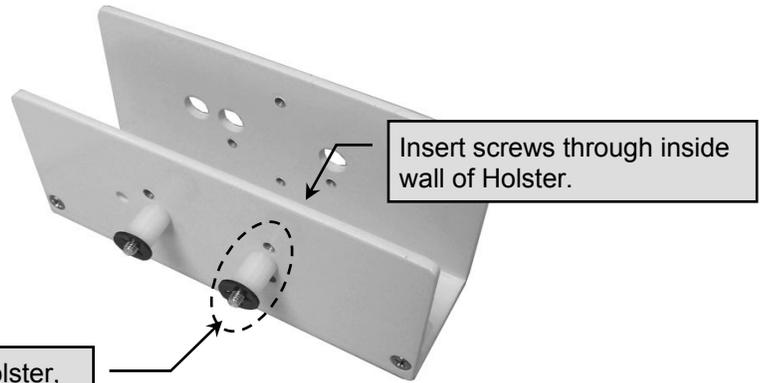


## 2.5 Mounting the Remote Speedpoint

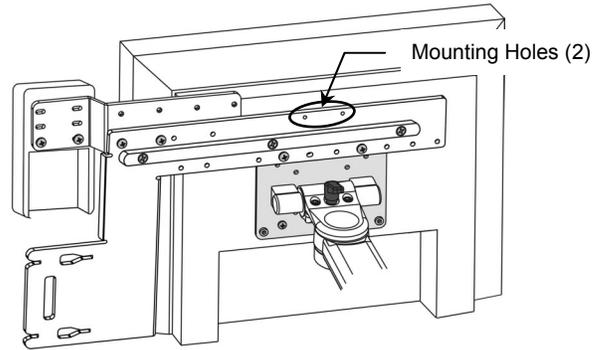


## 2.6 Attaching Power Supply Holster (not supplied) to Remote Bracket

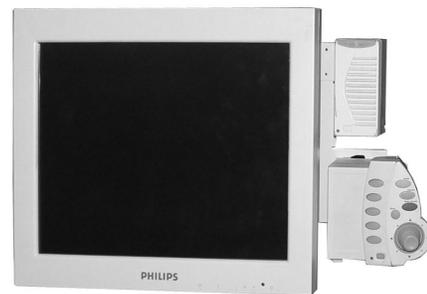
This procedure applies only to the 15" (M8031B) display. The Power Supply Holster is not supplied in this installation kit.



1. Insert **M4 x 20 mm FHMS (2)** from inside Holster, and assemble **Nylon Spacers (2)**, and **Retention Washers (2)** on Screws as shown.



2. Fasten Power Supply Holster to two (2) mounting holes in the Remote Bracket as shown.

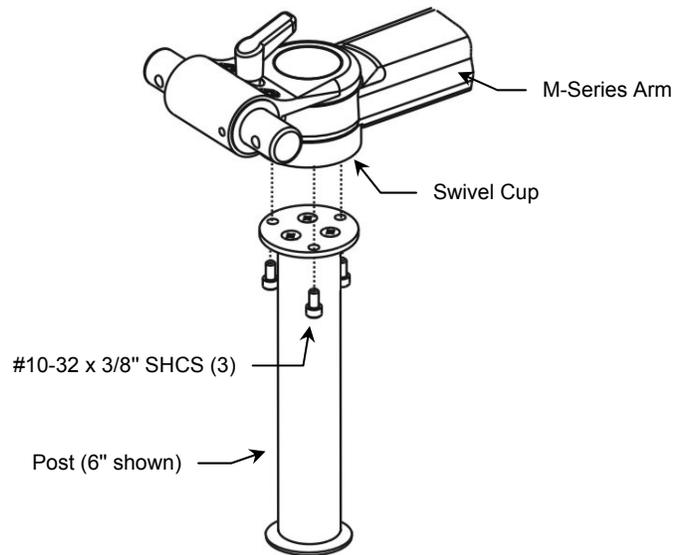
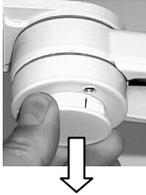


### Section 3.0: Attaching Down Post to the M-Series Arm

**Installation Note:** The Down Post and Utility Hook Kits contain mounting hardware called out below.

**Tools Required:** Phillips screwdriver (not provided), 5/32" hex wrench (provided).

1. Remove the round plastic bolt cap from the bottom front end of the arm.
2. Using the 5/32" hex wrench provided, fasten the Post (6" or 12") to the Swivel Cup with three (3) #10-32 x 3/8" SHCS.



### Installing the Wall Channel Cover

After instruments are mounted and cables connected, install the Wall Channel Cover in accordance with *Channel Cover Installation Guide* (DU-UT-0001-20).