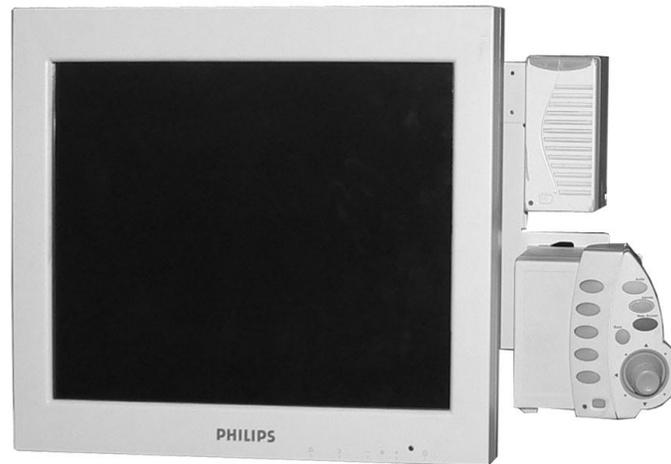**GCX**
INSTRUMENT MOUNTING SYSTEMS

Installation Guide

Philips MP90 Mounting Kit for Flat Panel Displays, Remote Speedpoint and External Alert

The mounting brackets in this installation kit are designed to allow the Remote Speedpoint and External Alert Device to be mounted on the right or left side of a 15" (M8031B) or 17" (M8033C) display. Only right side mounting is shown in this installation guide but left side mounting is accomplished by flipping parts to the opposite side.


Table of Contents

Section 1.0 Parts & Installation Reference

Parts Reference

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

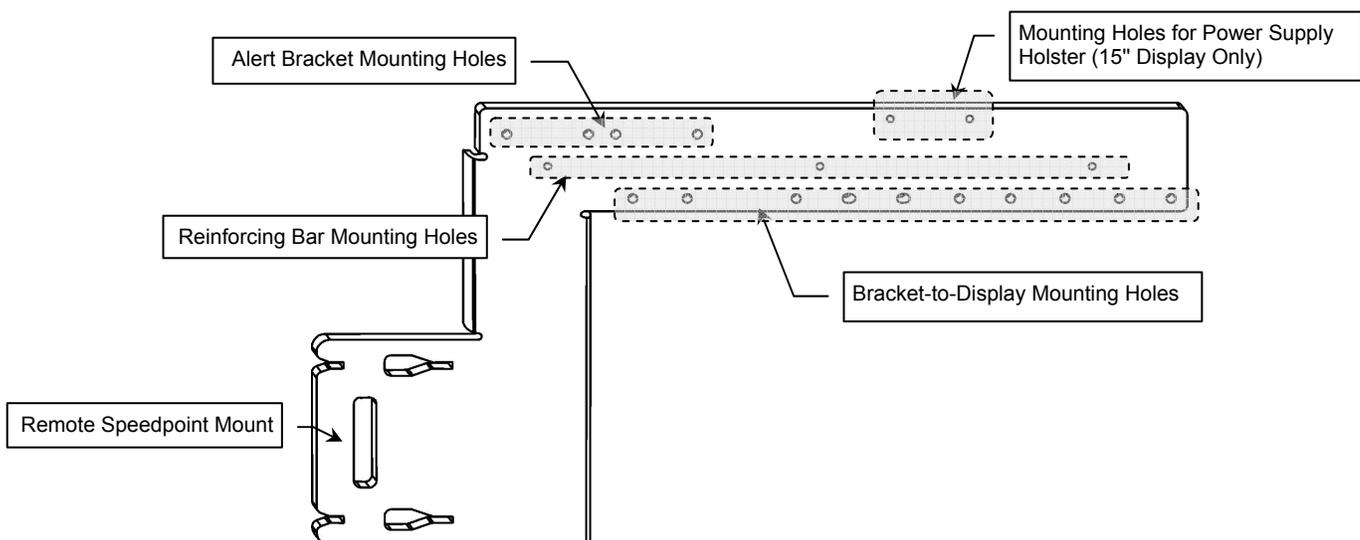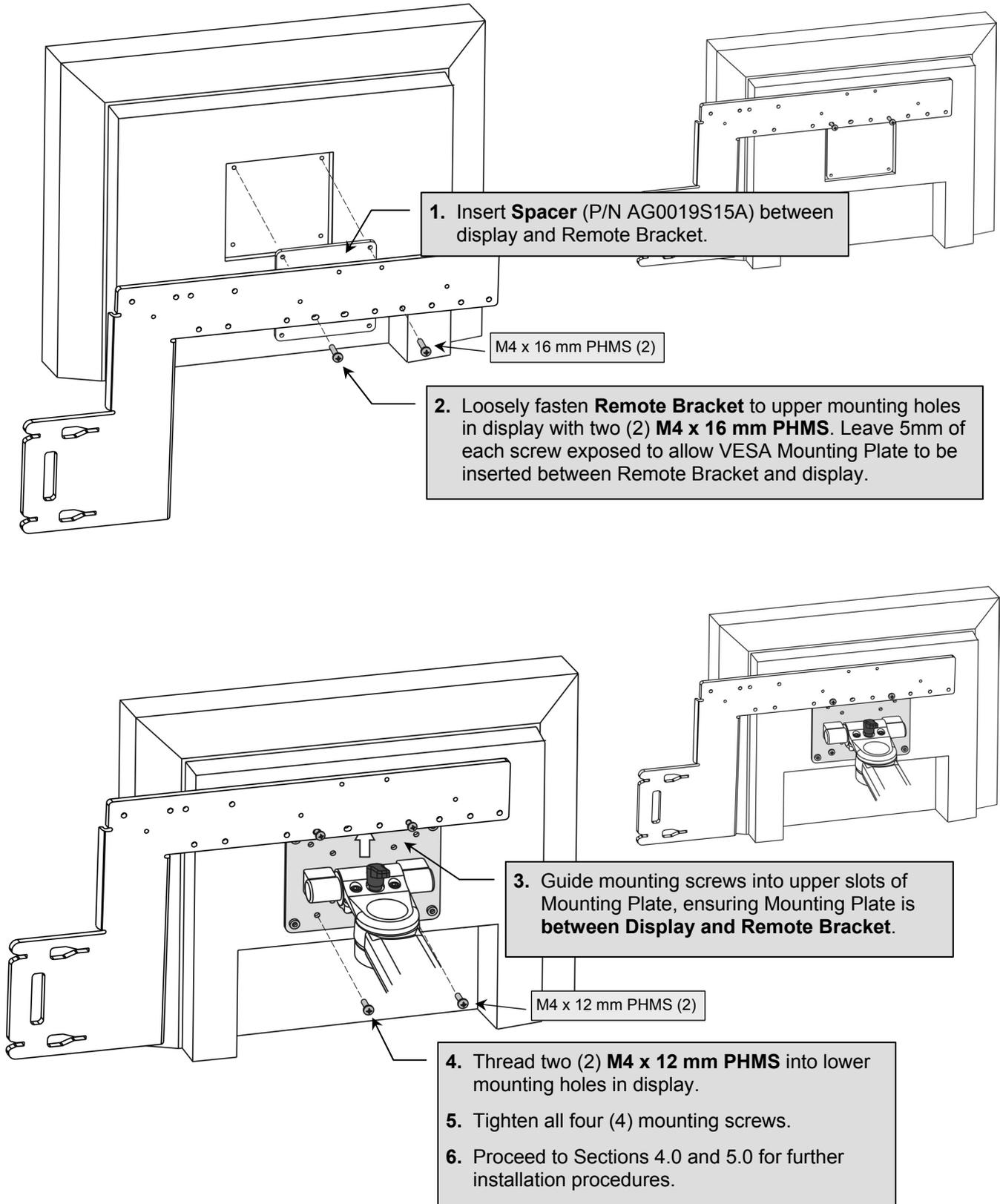| Item #	Description	Qty
1	Remote Bracket	1
2	Alert Bracket	1
3	Remote Speedpoint Adapter	1
4	Reinforcing Bar	1
5	VESA Mounting Adapter, 100mm to 75mm	1
6	Spacer, 17" Display Mounting (P/N AG0019S22A)	1
7	Spacer, 15" Display Mounting (P/N AG0019S15A)	1
8	M4 x 6mm Flat Head Machine Screw (FHMS)	2
9	M4 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
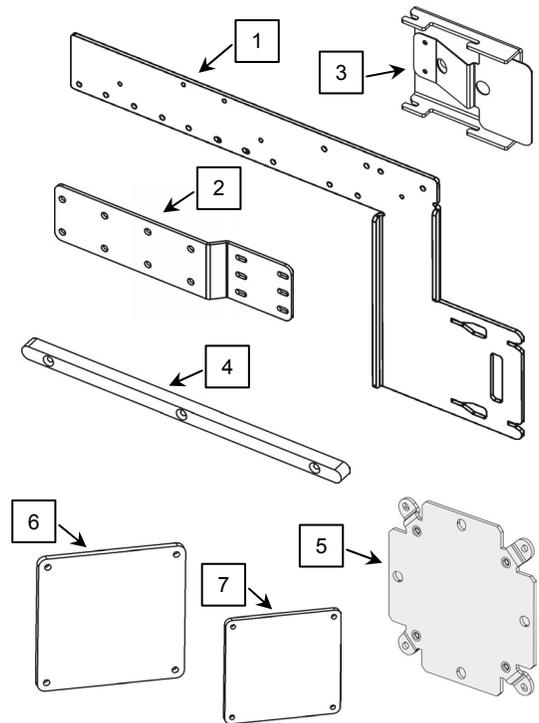
Tools Required

Phillips screwdriver (not provided).

Installation Reference – Remote Bracket Mounting Holes

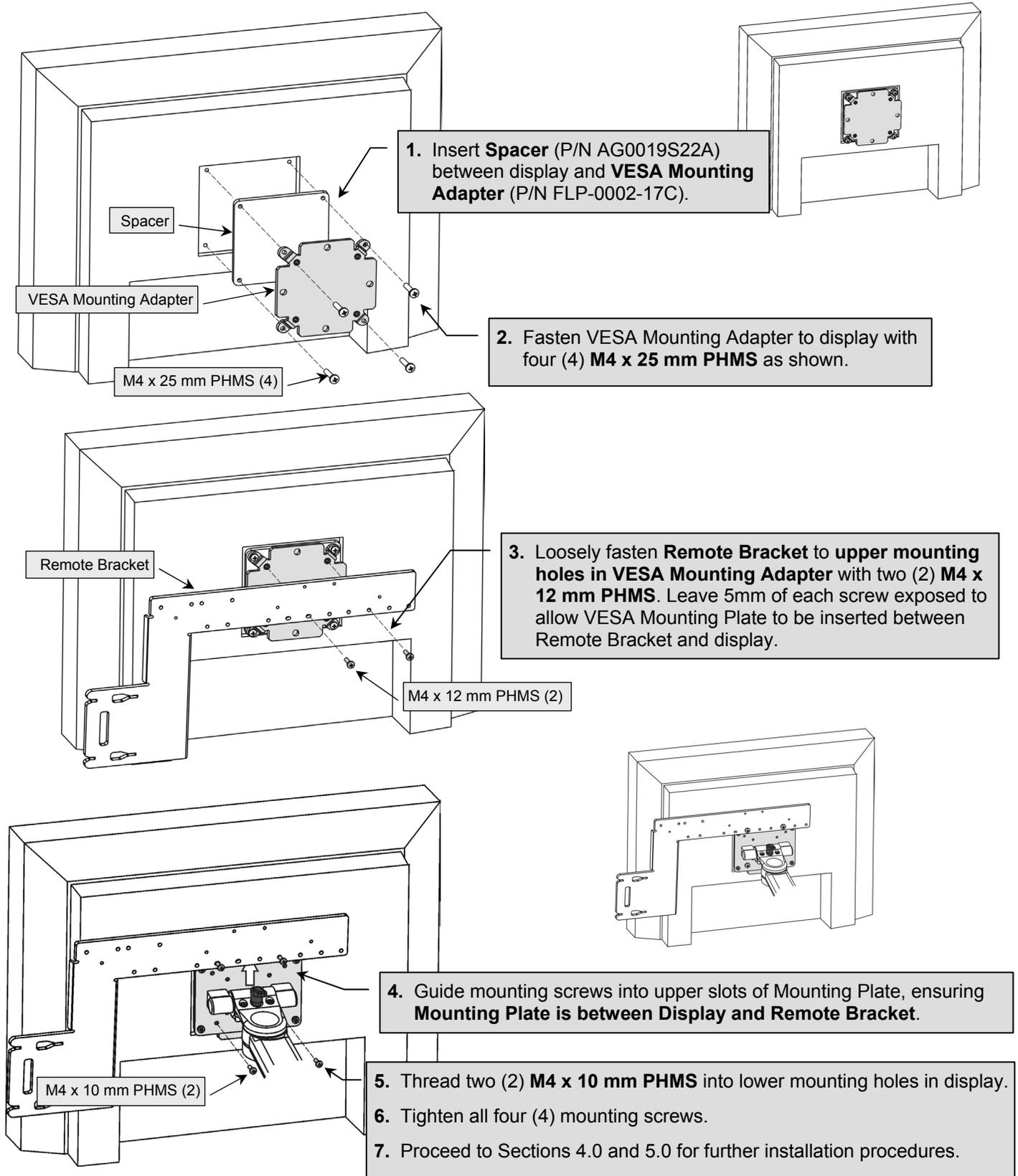Mounting holes are identified by shaded areas as shown below:

Alert Bracket Mounting Holes

Mounting Holes for Power Supply Holster (15" Display Only)

Reinforcing Bar Mounting Holes

Bracket-to-Display Mounting Holes

Remote Speedpoint Mount

Section 2.0 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.

1. Insert **Spacer** (P/N AG0019S15A) between display and Remote Bracket.

M4 x 16 mm PHMS (2)

2. Loosely fasten **Remote Bracket** to upper mounting holes in display with two (2) **M4 x 16 mm PHMS**. Leave 5mm of each screw exposed to allow VESA Mounting Plate to be inserted between Remote Bracket and display.

3. Guide mounting screws into upper slots of Mounting Plate, ensuring Mounting Plate is **between Display and Remote Bracket**.

M4 x 12 mm PHMS (2)

4. Thread two (2) **M4 x 12 mm PHMS** into lower mounting holes in display.

5. Tighten all four (4) mounting screws.

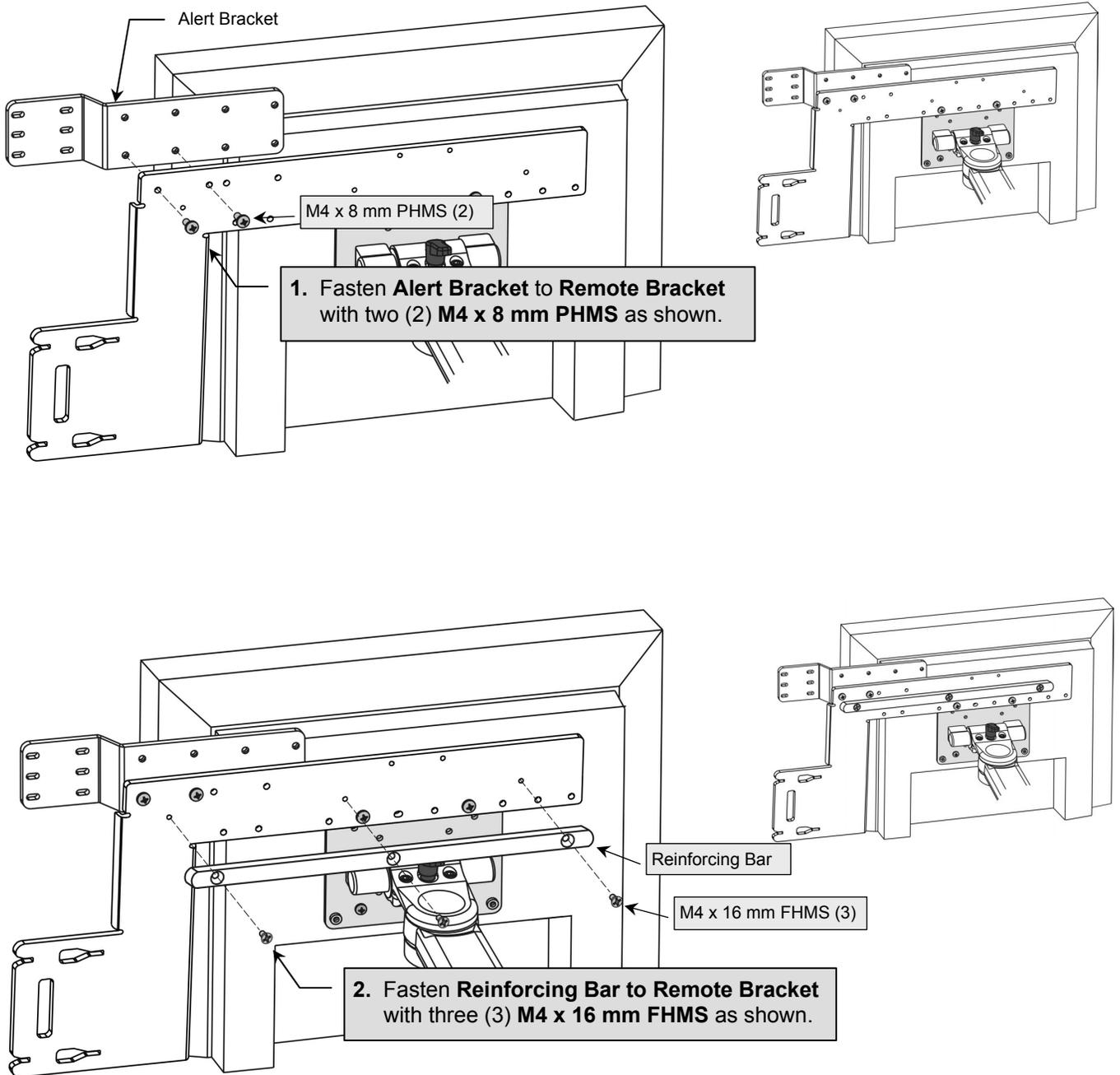6. Proceed to Sections 4.0 and 5.0 for further installation procedures.

Section 3.0 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.

Spacer

VESA Mounting Adapter

M4 x 25 mm PHMS (4)

1. Insert **Spacer** (P/N AG0019S22A) between display and **VESA Mounting Adapter** (P/N FLP-0002-17C).

2. Fasten VESA Mounting Adapter to display with four (4) **M4 x 25 mm PHMS** as shown.

Remote Bracket

M4 x 12 mm PHMS (2)

3. Loosely fasten **Remote Bracket** to **upper mounting holes in VESA Mounting Adapter** with two (2) **M4 x 12 mm PHMS**. Leave 5mm of each screw exposed to allow VESA Mounting Plate to be inserted between Remote Bracket and display.

M4 x 10 mm PHMS (2)

4. Guide mounting screws into upper slots of Mounting Plate, ensuring **Mounting Plate is between Display and Remote Bracket**.

5. Thread two (2) **M4 x 10 mm PHMS** into lower mounting holes in display.

6. Tighten all four (4) mounting screws.

7. Proceed to Sections 4.0 and 5.0 for further installation procedures.

Section 4.0 Attaching Alert Bracket and Reinforcing Bar to Remote Bracket

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

Alert Bracket
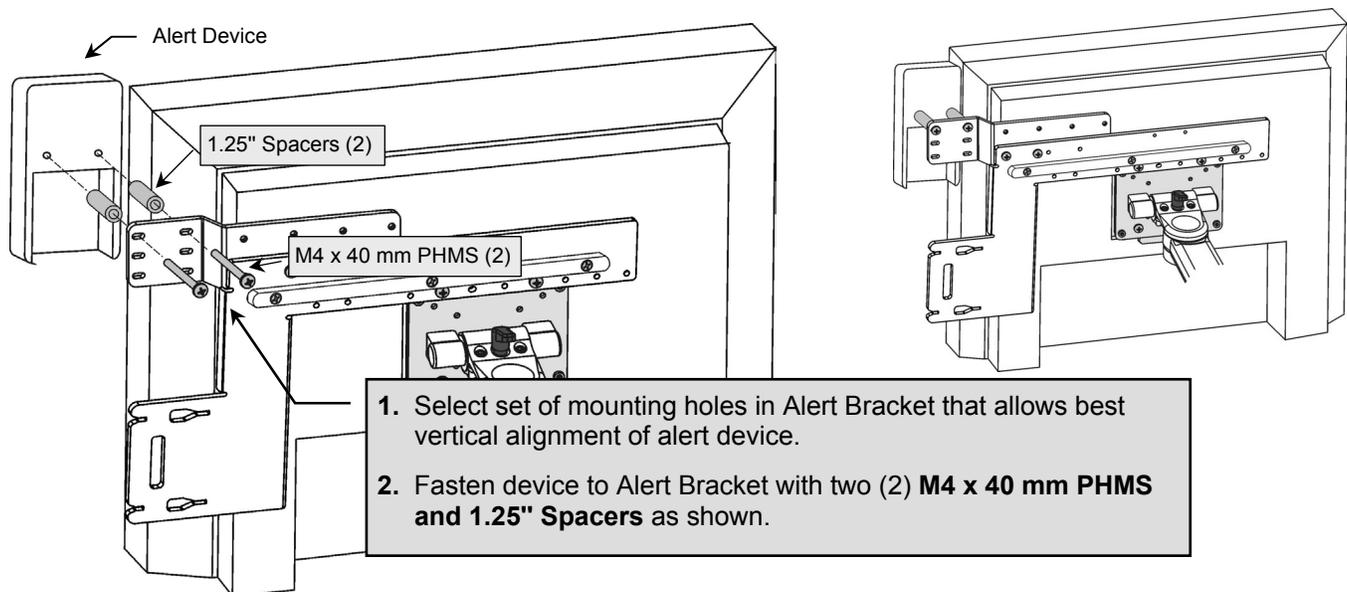
M4 x 8 mm PHMS (2)

1. Fasten **Alert Bracket** to **Remote Bracket** with two (2) **M4 x 8 mm PHMS** as shown.

Reinforcing Bar

M4 x 16 mm FHMS (3)

2. Fasten **Reinforcing Bar to Remote Bracket** with three (3) **M4 x 16 mm FHMS** as shown.

Section 5.0 Mounting the Devices and Power Supply Holster
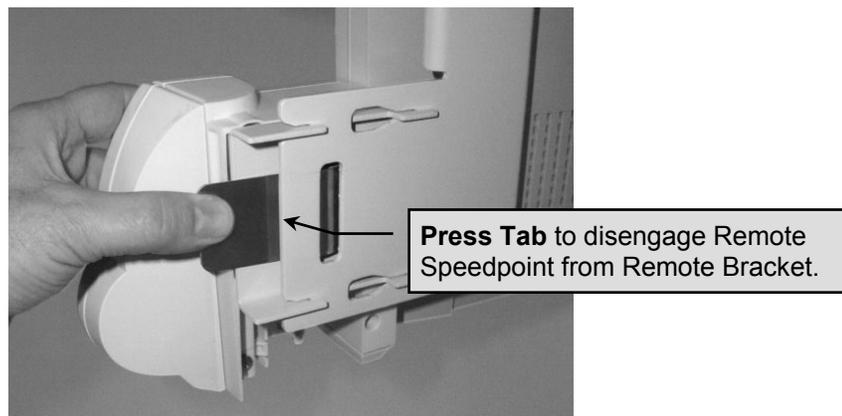
5.1 Mounting the External Alert Device

5.1.1 Mounting External Alert Device with 15" (M8031B) Display
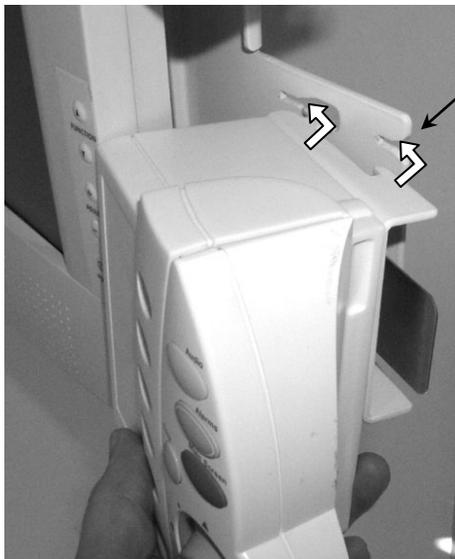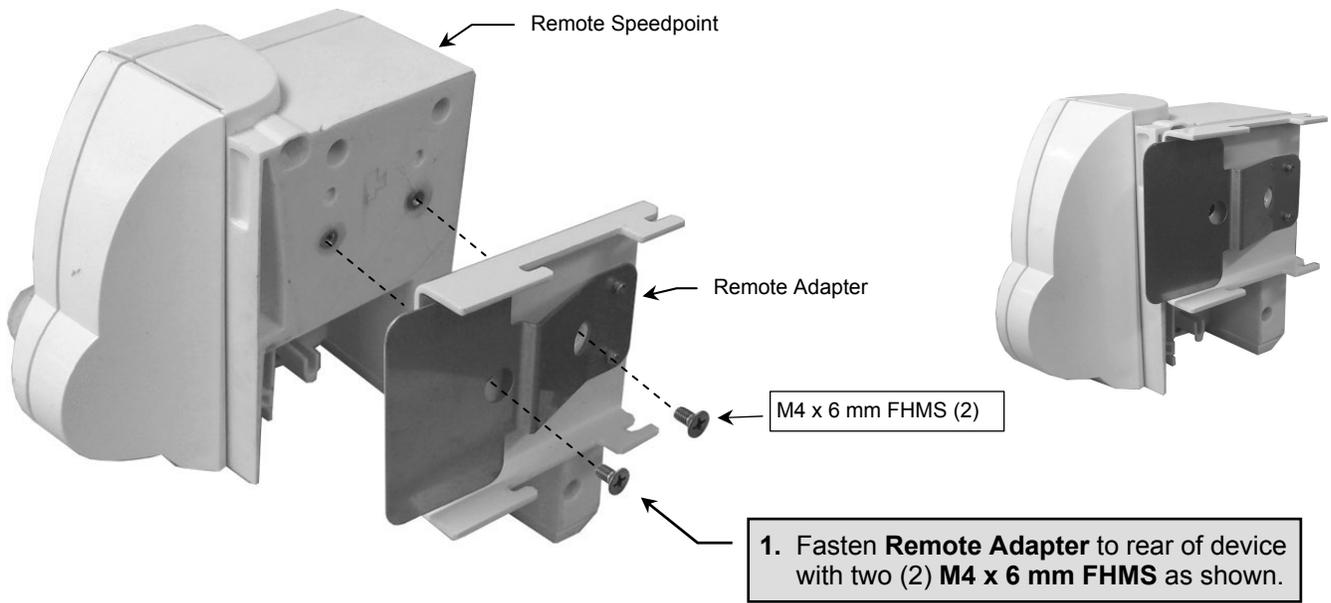

Alert Device

M4 x 8 mm PHMS (2)

1. Select set of mounting holes in Alert Bracket that allows best vertical alignment of alert device.

2. Fasten device to Alert Bracket with two (2) **M4 x 8 mm PHMS** as shown.
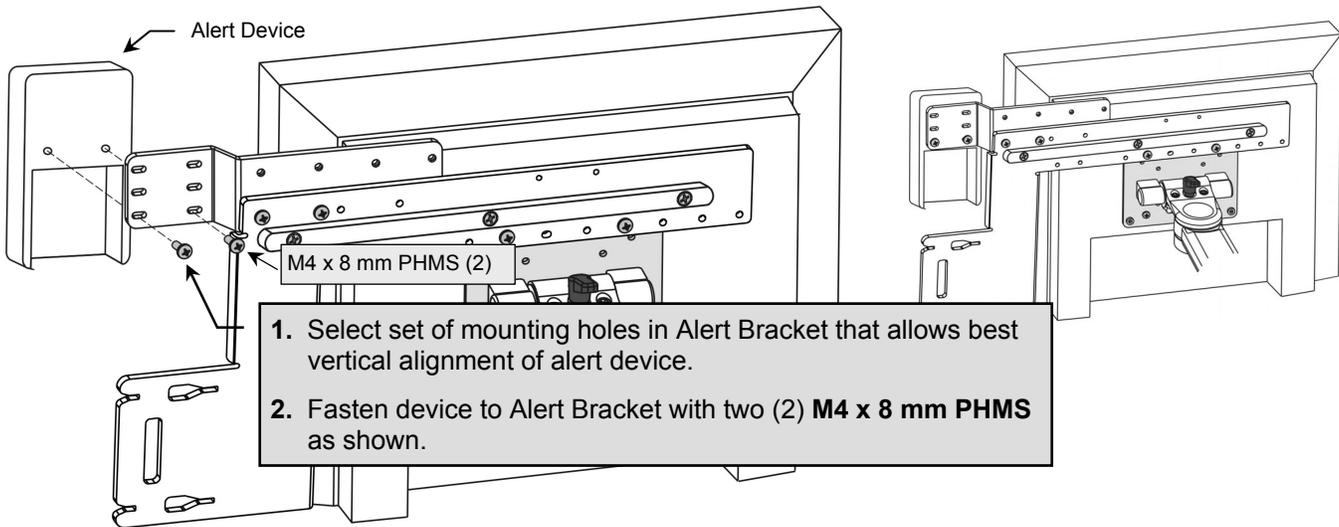
5.1.2 Mounting External Alert Device with 17" (M8033C) Display

Alert Device

1.25" Spacers (2)

M4 x 40 mm PHMS (2)

1. Select set of mounting holes in Alert Bracket that allows best vertical alignment of alert device.

2. Fasten device to Alert Bracket with two (2) **M4 x 40 mm PHMS and 1.25" Spacers** as shown.

5.2 Mounting the Remote Speedpoint

Remote Speedpoint

Remote Adapter

M4 x 6 mm FHMS (2)

1. Fasten **Remote Adapter** to rear of device with two (2) **M4 x 6 mm FHMS** as shown.

Insert four (4) **tabs** on **into slots** in Remote Bracket.

Tabs engaged

**Press Tab** to disengage Remote Speedpoint from Remote Bracket.
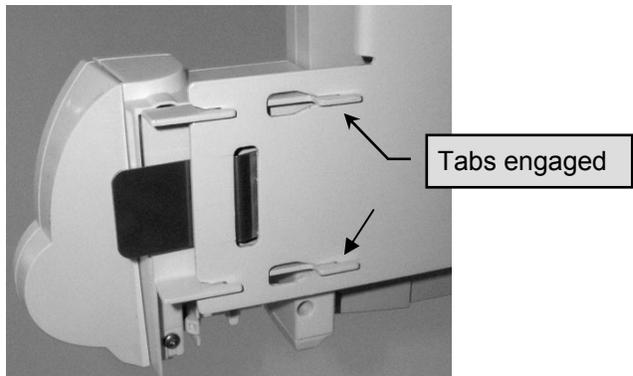
5.3 Attaching Power Supply Holster (not supplied) to Remote Bracket

Installation Note: This procedure applies only to the 15" (M8031B) display.

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

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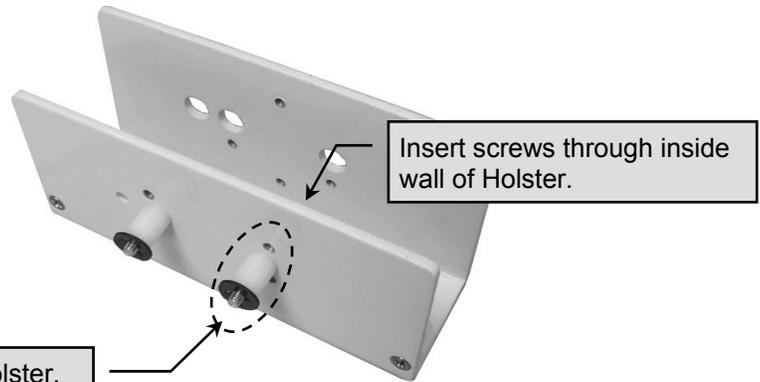
1. Insert **M4 x 20 mm FHMS (2)** from inside Holster, and assemble **Nylon Spacers (2), and Retention Washers (2) on Screws** as shown.
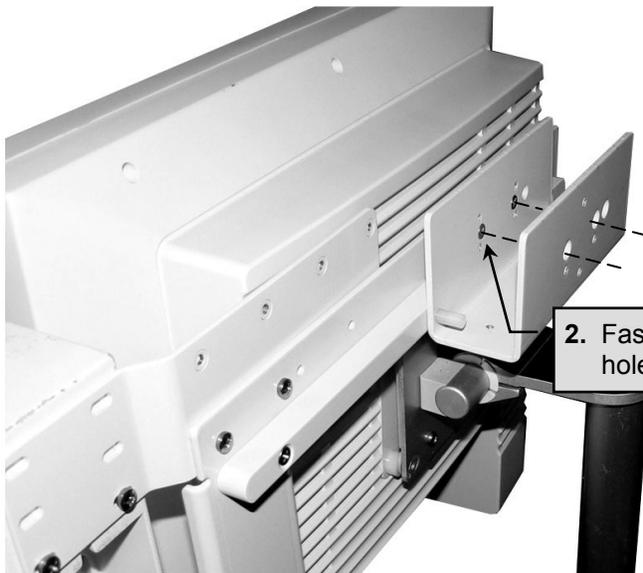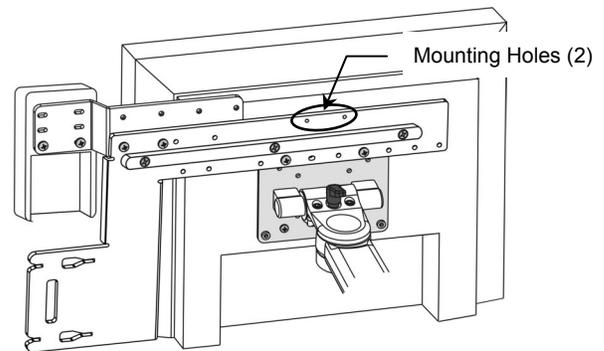
Mounting Holes (2)

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