INSTRUCTION MANUAL

Model MSP-PSBTW100
Flat Panel Display Wall Mount Interface Brackets

The Model MSP-PSBTW100 is an interface for use with static and tilt wall mounts. Display mounting is made simple, safe, and secure using Chief's exclusive Q-latch™ Mounting System.

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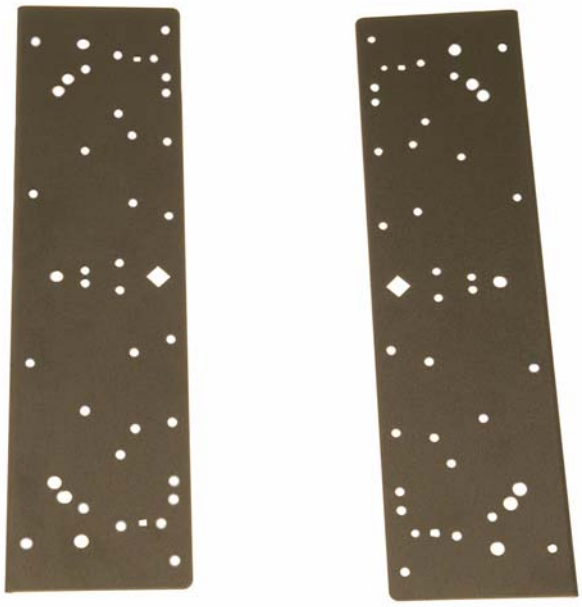

BEFORE YOU BEGIN .....

- **CAUTION:To prevent damage to the mount, which could affect or void the Factory warranty, thoroughly study all instructions and illustrations before you begin to install the mount brackets. Pay particular attention to the "Important Warnings and Cautions" on Page 1.**
- If you have any questions about this installation, contact Chief Manufacturing at 1-800-582-6480 or 952-582-6480.

CHIEF
Ideas Supporting Ideas

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PART NO. 8805-000081 (Rev. C)
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11-04

IMPORTANT WARNINGS and CAUTIONS!

WARNING: A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.

CAUTION: A **CAUTION** alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.

- **WARNING: Improper installation can result in serious personal injury! Make sure that the mounting surface structural members can support a redundant weight factor *five times* the total weight of the equipment: if not, reinforce the mounting surface structural members before installing the mount.**
- **WARNING: You must use proper attaching hardware and installation procedures. Failure to use proper attaching hardware and installation procedures may result in equipment damage or serious personal injury.**
- **WARNING: Be aware of the potential for personal injury or damage to the unit if it is not adequately mounted.**
- **WARNING: The installer is responsible for verifying that the mounting surface structural members to which the mount is anchored will safely support the combined load of all attached components or other equipment**.
- **WARNING: The combined weight of the display panel must not exceed 150 lbs. (68.04 kg), the maximum load capacity of the mount**.
- **CAUTION:** Check the unit for shipping damage before you begin the installation.
- **CAUTION:** Overtightening mounting screws may damage your Large Flat Panel display.

TOOLS REQUIRED FOR INSTALLATION

- Phillips screwdrivers, No. 1 and No. 2
- Adjustable wrench

NOTE: Other tools may be required depending on the method of installation.

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INSPECT THE BRACKET BEFORE INSTALLING

1. Carefully inspect the interface brackets (see Figure 1) for shipping damage. If any damage is apparent, call your carrier claims agent and do not continue with the installation until the carrier has reviewed the damage.

NOTE: Read all assembly instructions before starting assembly.

2. Carefully inspect all parts bags to ensure all components are contained in each bag. If any components are missing, contact Chief Manufacturing at 1-800-582-6480 or 952-582-6480

Table 1: Parts Bag Contents

Item	Description	Qty.
Bracket	Universal Bracket	(2)
Parts Bag A	10-24 X 7/8” Button Head Screw	(4)
	Mounting Button	(4)
	10-24 Nylock Nut	(4)
	Hex Key	(1)
Parts Bag B	M4 X 25MM Phillips Pan Head Screw	(8)
Parts Bag C	M5 X 20MM Phillips Pan Head Screw	(6)
	M5 X 30MM Phillips Pan Head Screw	(4)
	M5 X 50MM Phillips Pan Head Screw	(4)
Parts Bag D	M8 X 30MM Phillips Pan Head Screw	(6)
Parts Bag E	.875” X .33” X 3/8” Nylon Spacer	(8)
	.5” X .219” X 1” Nylon Spacer	(4)

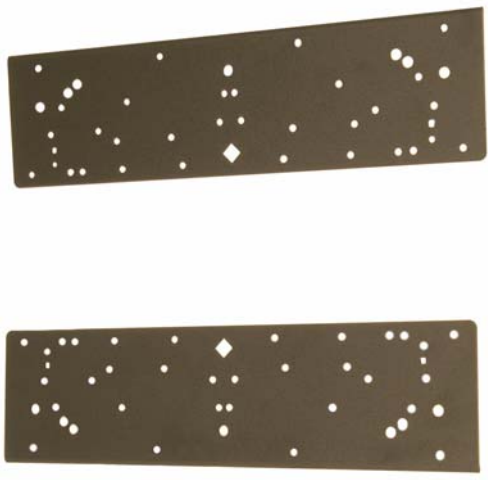

Figure 1. Brackets

SELECT DISPLAY MODEL AND DETERMINE PARTS

These interface brackets are designed to fit a wide variety of display models. Study the following information carefully to select the proper hardware and assembly procedures for your specific Large Flat Panel display model. To determine the correct hardware and procedures, perform the following:

1. Using the chart below, locate your display model.
2. Note and record the group number for your display model.
3. Note and record the parts bags required for your display model.

NOTE: Not all hardware will be used for every installation. Do not discard extra hardware until installation is complete.

4. Using the group number determined in Step 2, proceed to“ATTACH MOUNTING BUTTONS” on page 5 and follow the instructions.

Table 2: Parts Bag Usage

Group	Display Manufacturer	Display Model	Parts Bag
Group 1	Pioneer	43” and 50” Displays	A, D & E
Group 2	Mitsubishi	PD5010, PD5030	A, B & E
	NEC	42” and 50” Displays	
	Phillips	50FD9955, 50FD9934, 50W997	
Group 3	Sony	KZ-32 Series	A, C & E
Group 4	Sony	KE37XS910	A, C & E
Group 5	Sony	KE42XBR9000, KDE42XBR50, KDE42XBR950, KE42MR1	A, C & E
Group 6	Sony	KE50XBR900, KE50XBR950, KDE50XBR950, KE50MR1, PDM5000, PDM5010, KDE55XBR950, PDM5510	A, C & E
Group 7	Sony	KDL32XBR950, LDM-3210	A, C & E
Group 8	Sony	KE42M1, KE42XS910	A, C & E
Group 9	Philips	30PF9975, 30PF9946, 32PF9954, 32PF9964, 37FD9954, 42FD9934, 42FD9935, 42FD9944, 42FD9954, 42FD9955, 42PF9964, 42PF9965, 42PF9936, 42PR9966	A, C & E

ATTACH MOUNTING BUTTONS

Each interface bracket has square holes for attaching mounting buttons (See Figure 2). These holes are arranged in a 14” vertical spacing pattern. When the proper hole pattern is used, the mounting buttons will form a 14” X 14” pattern when installed on your display. The following steps will explain how to attach the mounting buttons.

1. Lay the interface brackets out with the bent lip of each interface bracket down (see Figure 2).
2. Open the parts bag labeled A.
3. Using the mounting buttons and hardware in the parts bag labeled A, attach the mounting buttons in the square holes closest to the outside edge of each interface bracket (see Figure 2 and Figure 3).
4. Using the group number recorded for your display model, proceed to “DETERMINE BRACKET INSTALLATION PROCEDURES” on page 6 and follow the instructions for your display model.

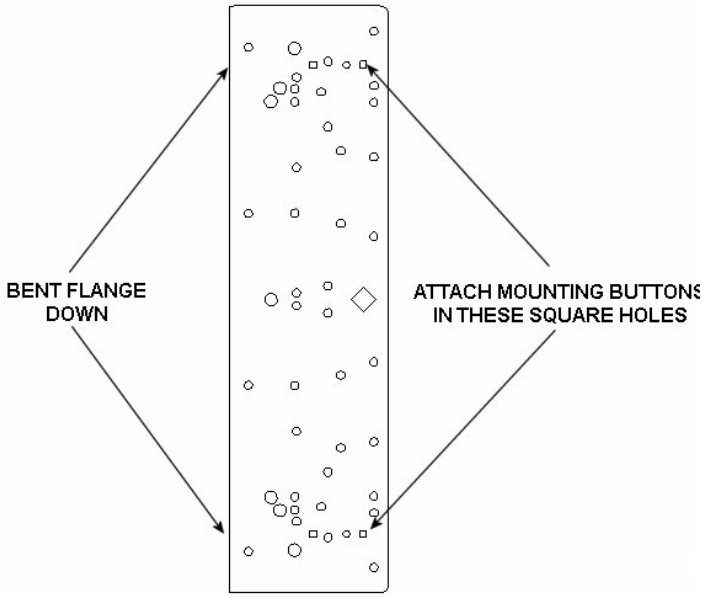

Figure 2. Bracket with Bent Lip Down

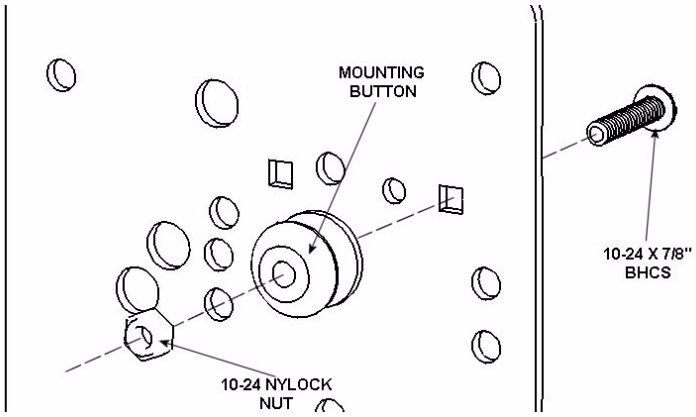

Figure 3. Button Installation

DETERMINE BRACKET INSTALLATION PROCEDURES

Group 1 Installation Procedures

WARNING: You must use proper attaching hardware and installation procedures. Failure to use proper attaching hardware and installation procedures may result in equipment damage or serious personal injury.

Attach Interface Brackets

1. Identify and select the parts bags labeled D and E.
2. Remove the Nylon spacers from the parts bag labeled E.
3. Place six 3/8” Nylon spacers over the mounting holes on your display (see Figure 4).
4. Place the interface brackets over the Nylon spacers (see Figure 4 and Figure 5).
5. Select the parts bag labeled D.

CAUTION: Overtightening mounting screws may damage your display.

6. Using the hardware in the parts bag labeled D, attach the interface brackets to your display (see Figure 5). Do not overtighten the mounting screws.

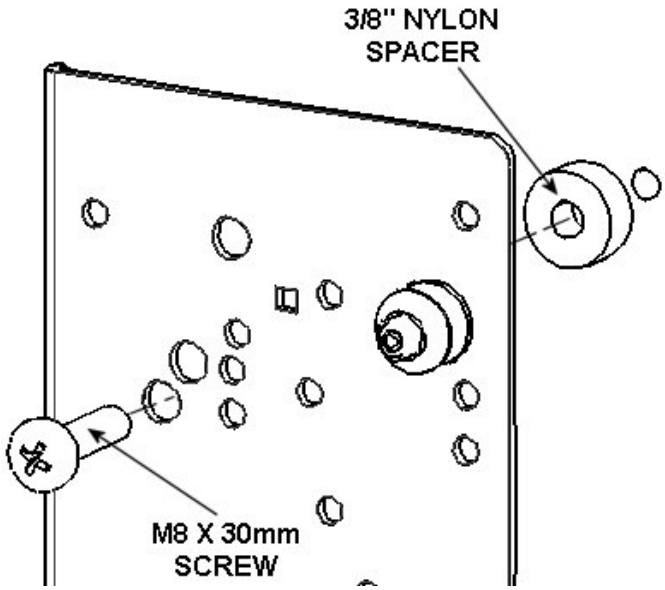

Figure 4. Spacer Installation for Group 1

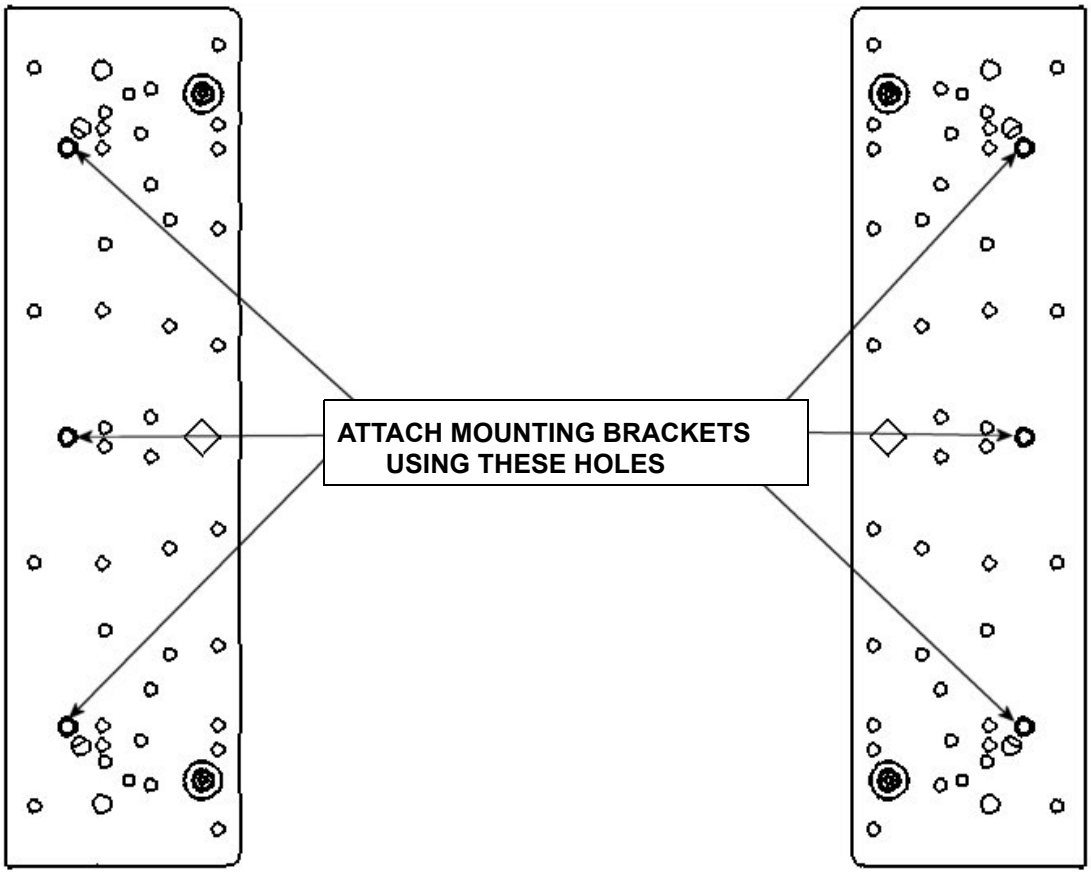

Figure 5. Bracket Attachment for Group 1

Group 2 Installation Procedures

WARNING: You must use proper attaching hardware and installation procedures. Failure to use proper attaching hardware and installation procedures may result in equipment damage or serious personal injury.

Attach Interface Brackets

1. Identify and select parts bags labeled B and E.
2. Remove Nylon spacers from the parts bag labeled E.
3. Place eight 3/8” Nylon spacers over the mounting holes on your display (see Figure 6).
4. Place the interface brackets over the Nylon spacers (see Figure 6 and Figure 7).
5. Select the parts bag labeled B.

CAUTION: Overtightening mounting screws may damage your display.

6. Using the hardware in the parts bag labeled B, attach the interface brackets to your display (see Figure 6 and Figure 7). Do not overtighten the mounting screws.

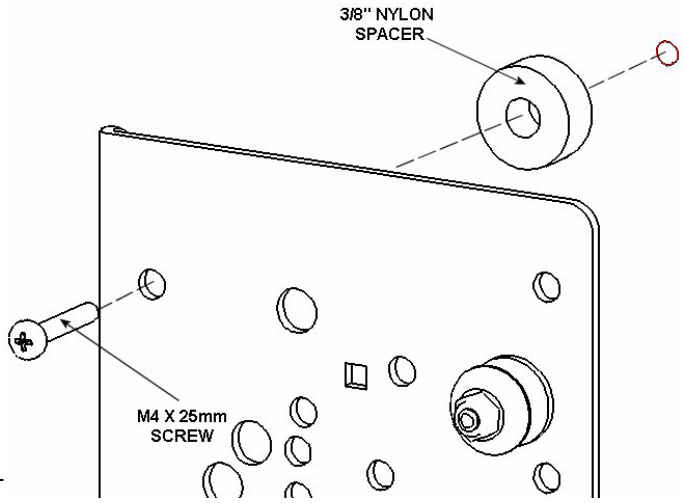

Figure 6. Spacer Installation for Group 2

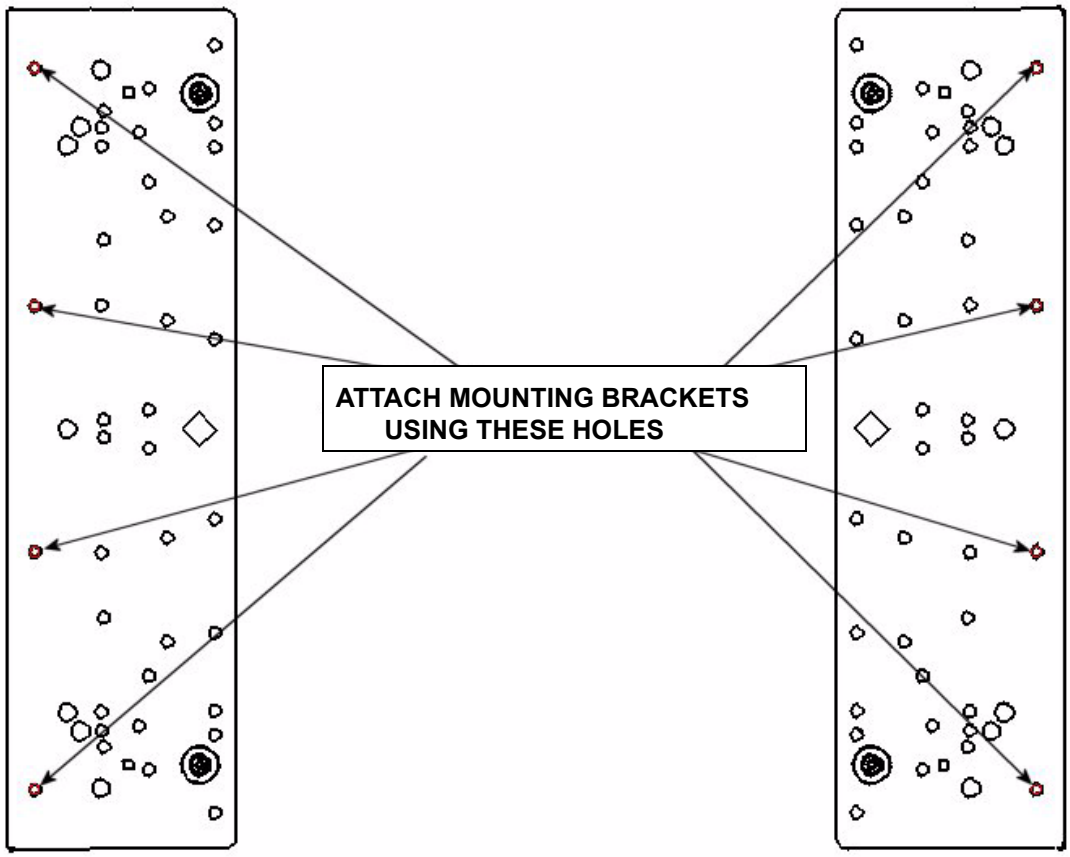

Figure 7. Bracket Attachment for Group 2

Group 3 Installation Procedures

WARNING: You must use proper attaching hardware and installation procedures. Failure to use proper attaching hardware and installation procedures may result in equipment damage or serious personal injury.

Attach Interface Brackets

1. Identify and select the parts bags labeled C and E.
2. Remove the Nylon spacers from the parts bag labeled E.
3. Place four 1" Nylon spacers over the mounting holes on your display.
4. Place the interface brackets over the Nylon spacers (see Figure 8 and Figure 9).
5. Select the parts bag labeled E.

CAUTION: Overtightening mounting screws may damage your display.

6. Using the hardware in the parts bag labeled C, attach the interface brackets to your display using the proper holes in each interface bracket (See Figure 8 and Figure 9). Do not overtighten the mounting screws.

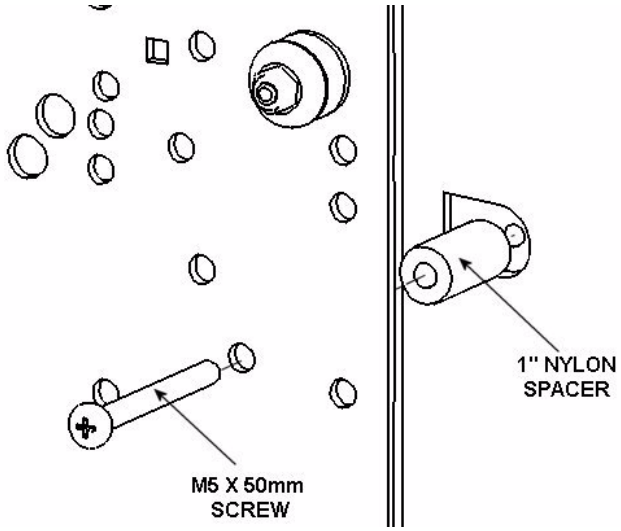

Figure 8. Spacer Installation for Group 3

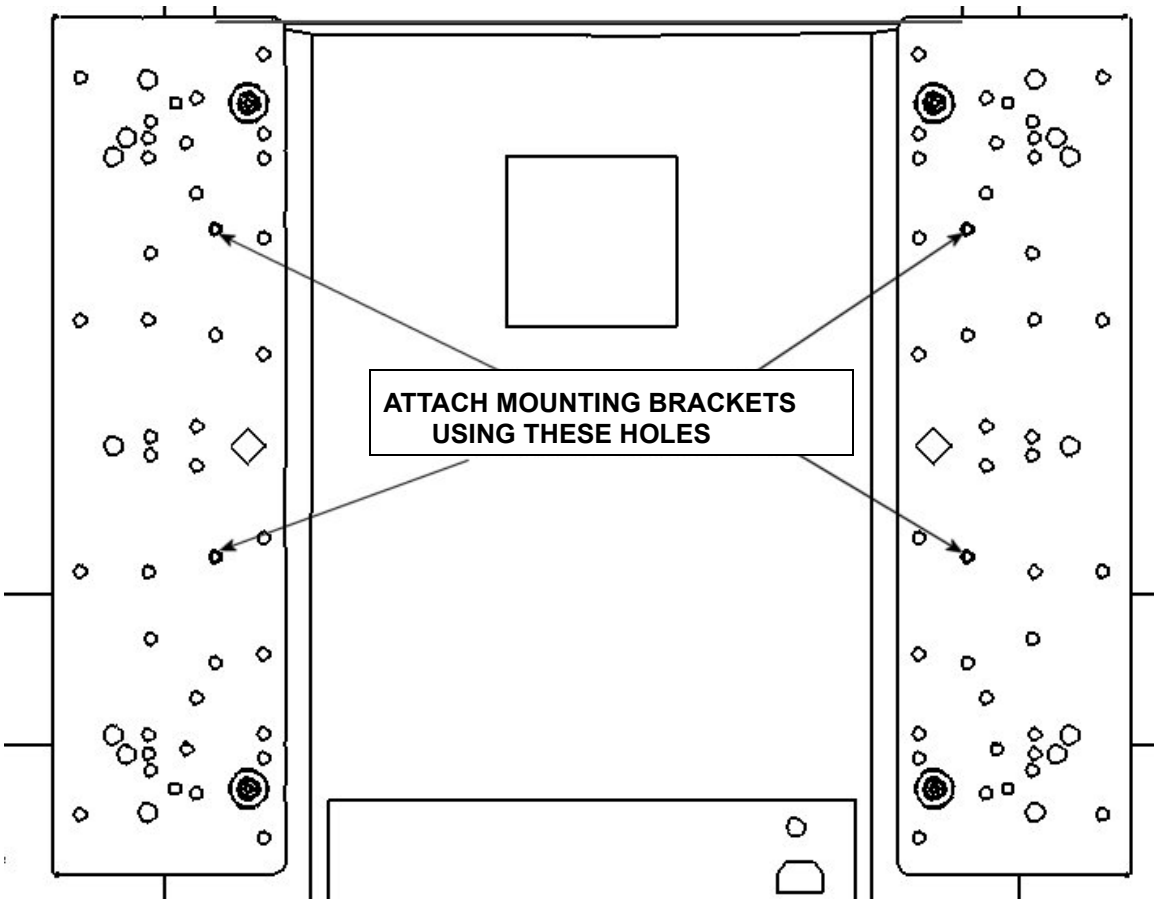

Figure 9. Bracket Attachment for Group 3

Group 4 Installation Procedures

WARNING: You must use proper attaching hardware and installation procedures. Failure to use proper attaching hardware and installation procedures may result in equipment damage or serious personal injury.

Attach Interface Brackets

1. Identify and select the parts bags labeled C and E.
2. Remove the Nylon spacers from the parts bag labeled E.
3. Place six 3/8” Nylon spacers over the mounting holes on your display.
4. Place the interface brackets over the Nylon spacers (see Figure 10 and Figure 11).
5. Select the parts bag labeled E.

CAUTION: Overtightening mounting screws may damage your display.

6. Using the hardware in the parts bag labeled C, attach the interface brackets to your display in the proper holes in each interface bracket (See Figure 10 and Figure 11). Do not overtighten the mounting screws.

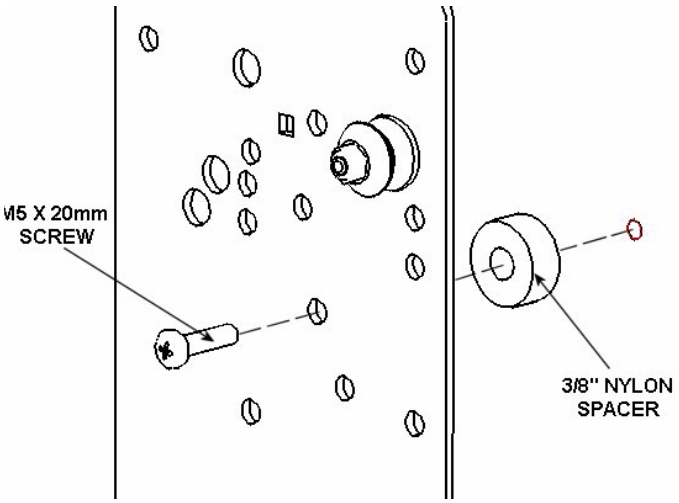

Figure 10. Spacer Installation for Group 4

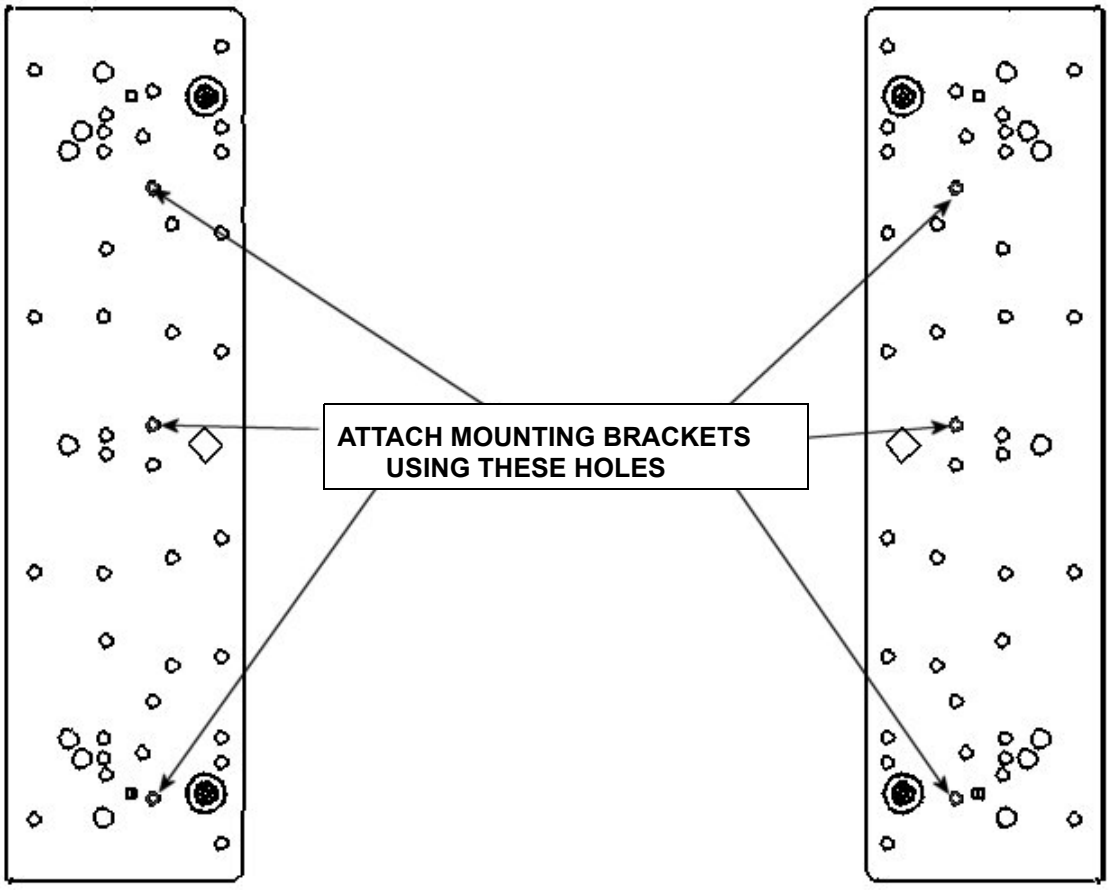

Figure 11. Bracket Attachment for Group 4

Group 5 Installation Procedures

WARNING: You must use proper attaching hardware and installation procedures. Failure to use proper attaching hardware and installation procedures may result in equipment damage or serious personal injury.

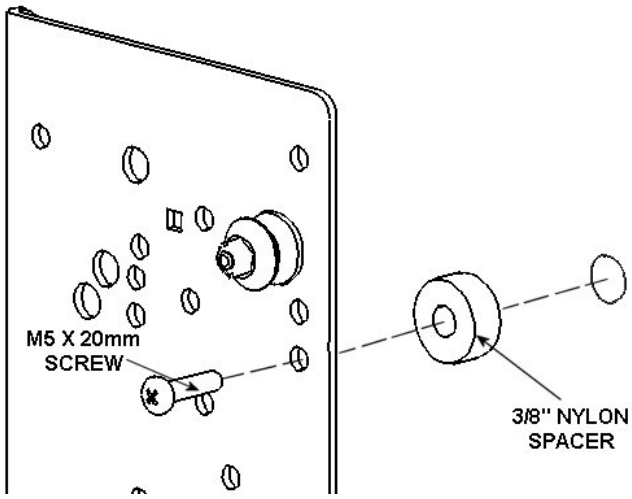

Figure 12. Spacer Installation for Group 5

Attach Interface Brackets

1. Identify and select the parts bags labeled C and E.
2. Remove the Nylon spacers from the parts bag labeled E.
3. Place four 3/8” Nylon spacers over the mounting holes on your display.
4. Place the interface brackets over the Nylon spacers (see Figure 12 and Figure 13).
5. Select the parts bag labeled E.

CAUTION: Overtightening mounting screws may damage your display.

6. Using the hardware in the parts bag labeled C, attach the interface brackets to your display in the proper holes in each interface bracket (See Figure 12 and Figure 13). Do not overtighten the mounting screws.

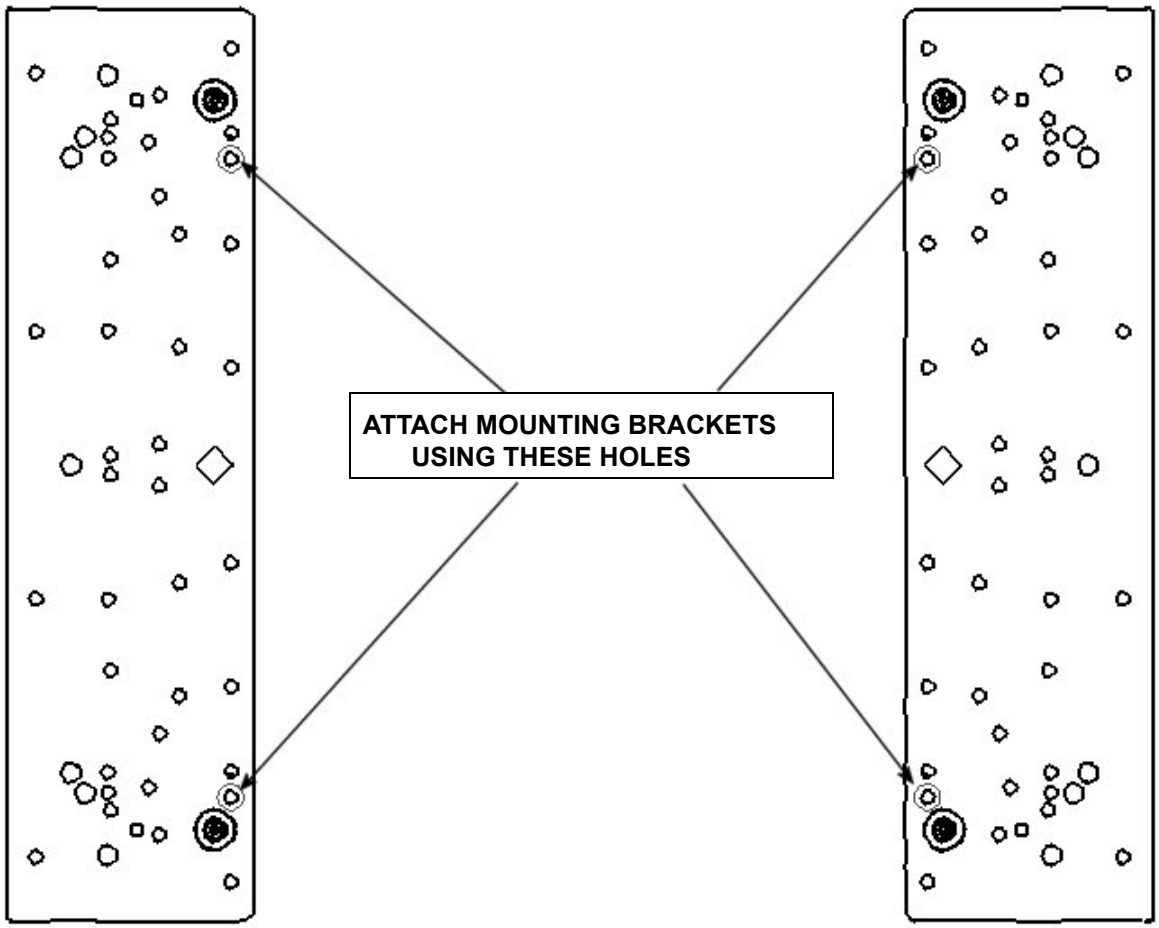

Figure 13. Bracket Attachment for Group 5

Group 6 Installation Procedures

WARNING: You must use proper attaching hardware and installation procedures. Failure to use proper attaching hardware and installation procedures may result in equipment damage or serious personal injury.

Attach Interface Brackets

1. Identify and select the parts bags labeled C and E.
2. Remove the Nylon spacers from the parts bag labeled E.
3. Place four 3/8” Nylon spacers over the mounting holes on your display.
4. Place the interface brackets over the Nylon spacers (see Figure 14 and Figure 15).
5. Select the parts bag labeled E.

CAUTION: Overtightening mounting screws may damage your display.

6. Using the hardware in the parts bag labeled C, attach the interface brackets to your display in the proper holes in each interface bracket (See Figure 14 and Figure 15). Do not overtighten the mounting screws.

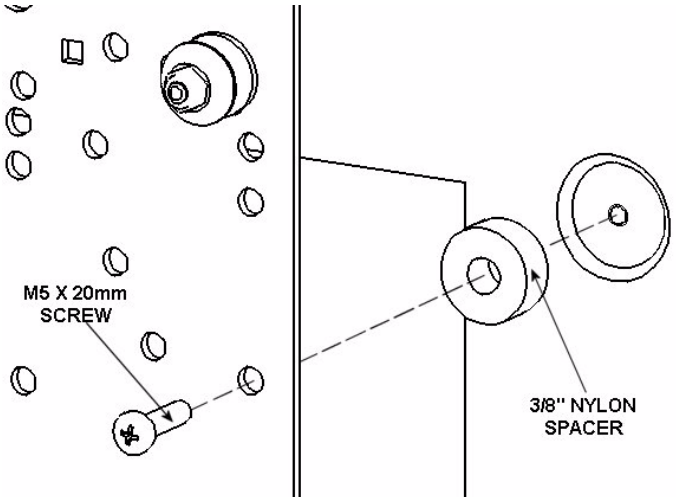

Figure 14. Spacer Installation for Group 6

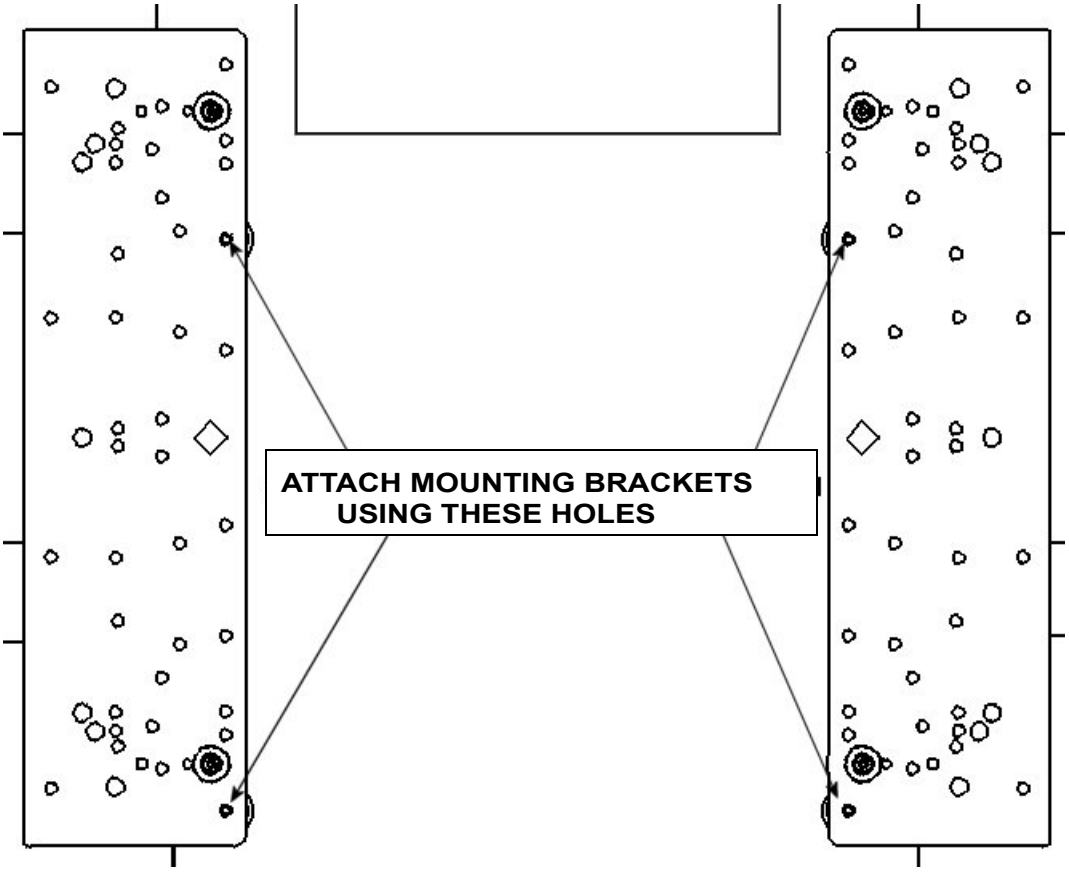

Figure 15. Bracket Attachment for Group 6

Group 7 Installation Procedures

WARNING: You must use proper attaching hardware and installation procedures. Failure to use proper attaching hardware and installation procedures may result in equipment damage or serious personal injury.

Attach Interface Brackets

1. Identify and select the parts bags labeled C and E.
2. Remove the Nylon spacers from the parts bag labeled E.
3. Place Nylon spacers over the mounting holes on your display
4. Place the interface brackets over the Nylon spacers (see Figure 16 and Figure 17).
5. Select the parts bag labeled E.

CAUTION: Overtightening mounting screws may damage your display.

6. Using the hardware in the parts bag labeled C, attach the interface brackets to your display in the proper holes in each interface bracket (See Figure 16 and Figure 17). Do not overtighten the mounting screws.

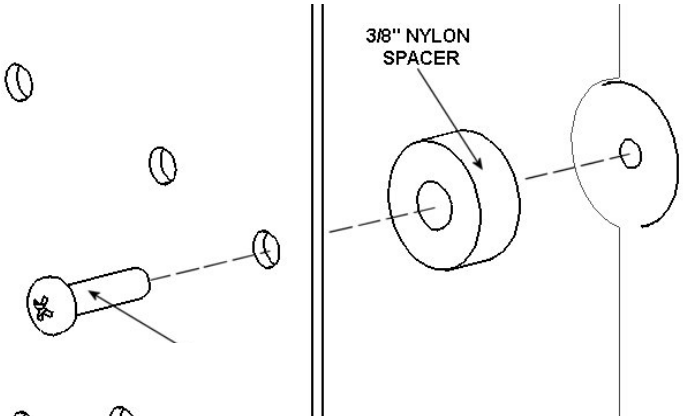

Figure 16. Spacer Installation for Group 7

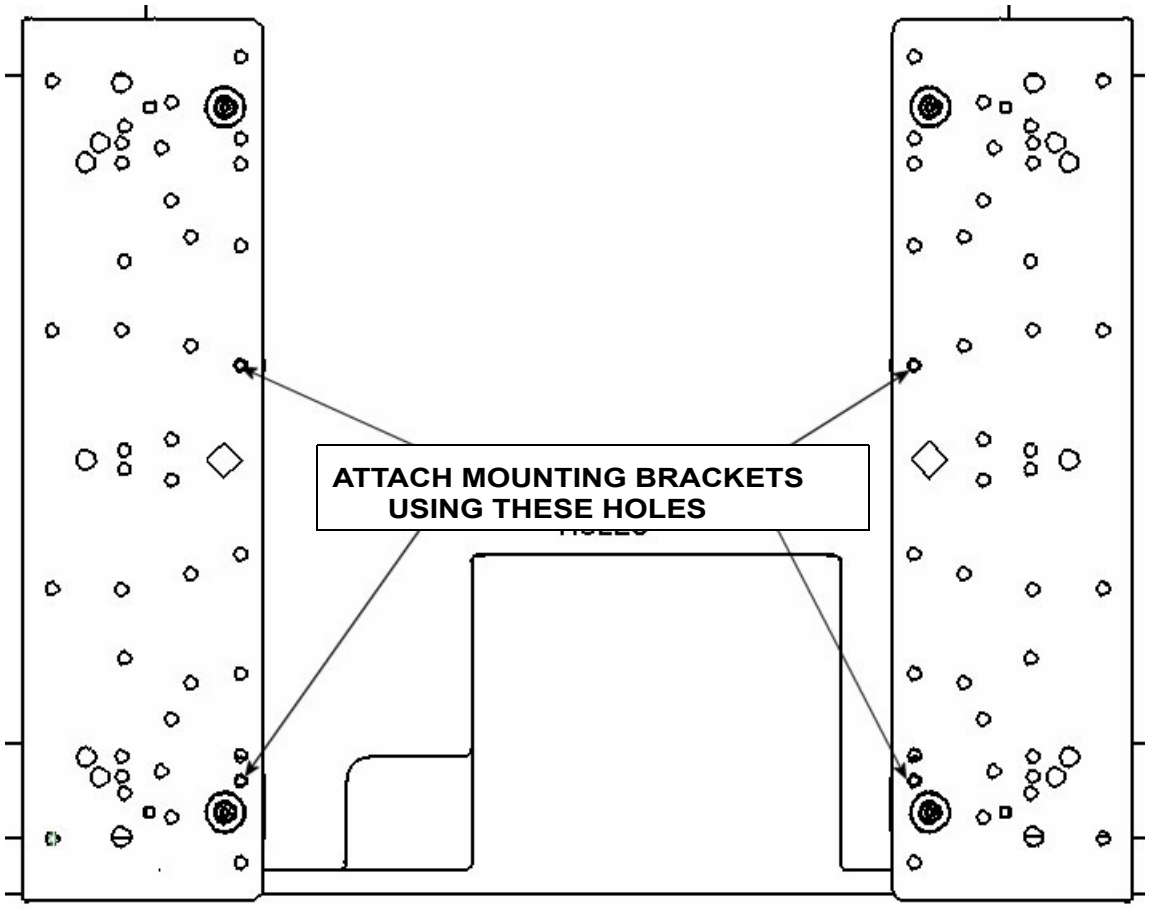

Figure 17. Bracket Attachment for Group 7

Group 8 Installation Procedures

WARNING: You must use proper attaching hardware and installation procedures. Failure to use proper attaching hardware and installation procedures may result in equipment damage or serious personal injury.

Attach Interface Brackets

1. Identify and select the parts bags labeled C and E.
2. Remove the Nylon spacers from the parts bag labeled E.
3. Place Nylon spacers over the mounting holes on your display.
4. Place the interface brackets over the Nylon spacers (see Figure 18 and Figure 19).
5. Select the parts bag labeled E.

CAUTION: Overtightening mounting screws may damage your display.

6. Using the hardware in the parts bag labeled C, attach the interface brackets to your display in the proper holes in each interface bracket (See Figure 18 and Figure 19). Do not overtighten the mounting screws.

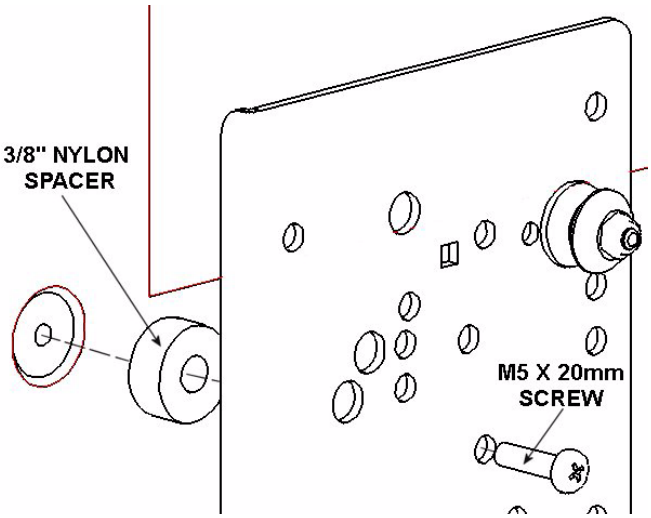

Figure 18. Spacer Installation for Group 8

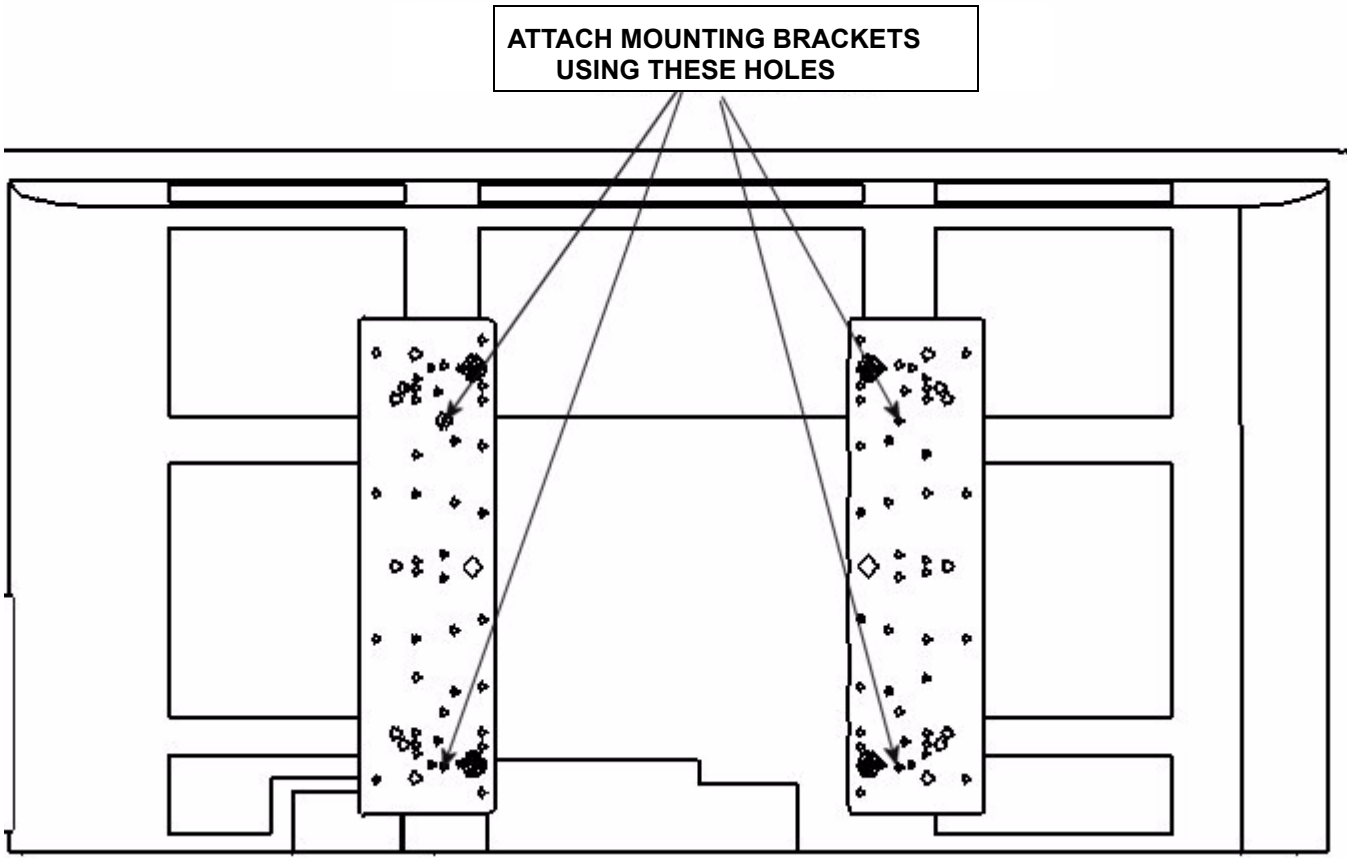

Figure 19. Bracket Attachment for Group 8

Group 9 Installation Procedures

WARNING: You must use proper attaching hardware and installation procedures. Failure to use proper attaching hardware and installation procedures may result in equipment damage or serious personal injury.

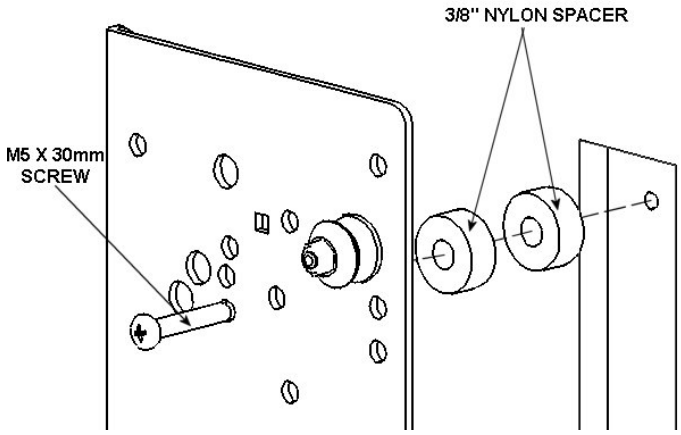

Figure 20. Spacer Installation for Group 9

Attach Interface Brackets

1. Identify and select the parts bags labeled C and E.
2. Remove the Nylon spacers from the parts bag labeled E.
3. Place eight, two per hole, Nylon spacers over the mounting holes on your display.
4. Place the interface brackets over the Nylon spacers (see Figure 20 and Figure 21).
5. Select the parts bag labeled E.

CAUTION: Overtightening mounting screws may damage your display.

6. Using the hardware in the parts bag labeled C, attach the interface brackets to your display in the proper holes in each interface bracket (See Figure 20 and Figure 21). Do not overtighten the mounting screws.

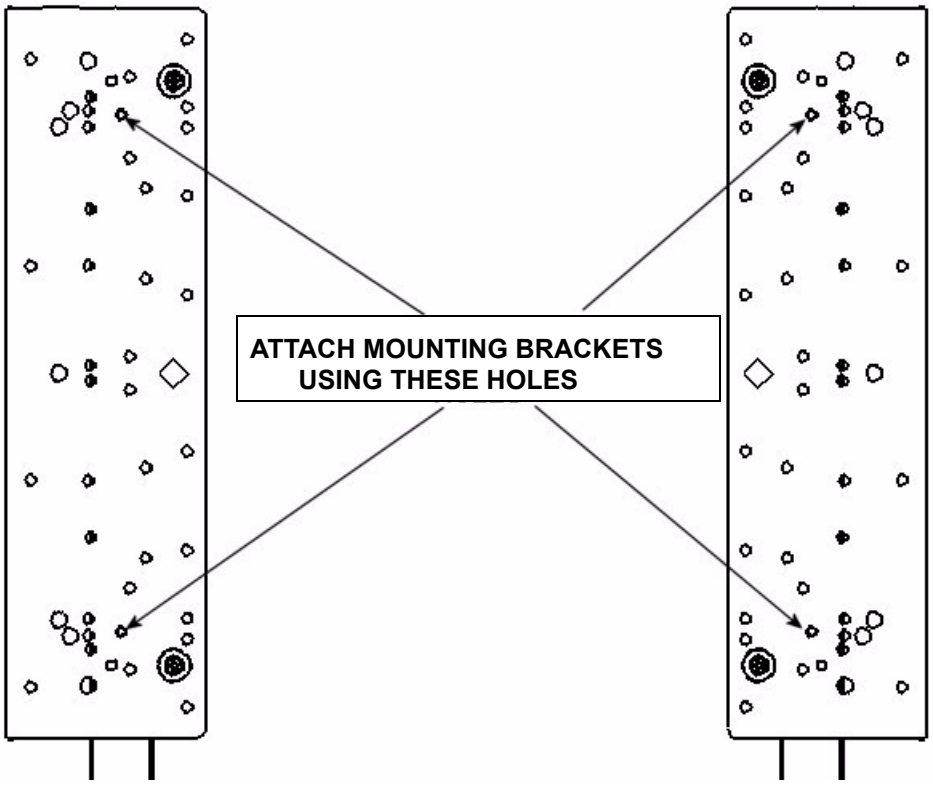

Figure 21. Bracket Attachment for Group 9