

INSTALLATION INSTRUCTIONS



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Warnings



The wall structure should be capable of supporting a max weight of 160 Lbs., the weight of the flat panel. More than 160 Lbs the wall must be reinforced. Proper installation procedure by qualified personnel as outlined in the installations instructions must be adhered to. Failure to do so could result in serious personal injury.



Safety precaution measures must be practiced at all times during the installation of this product. Use proper safety gear and tools for the installation procedure to prevent personal injury.



The entire installation instructions should be fully read and understood, including all of the safety symbols and safety precautions, before beginning installation. The installation instructions should be read, understood and followed to prevent personal injury or property damage. Keep these installation instructions in an easily accessible location for future reference.



Indicates that the power plug is to be disconnected from the power outlet.



Contact Premier Mounts for any questions



Safety precautions must be taken at all times.



Warning and caution in general



A secured structure wooden stud wall must always support the weight or load of the flat panel. Always confirm the center of the wood stud before beginning the installation.



Do not install in locations where there is vibration, movement or danger of impact. Failure to do so could result in flat panel cracking or falling from the wall causing damage and injury.



Do not install near heater, fireplace, direct sunlight or air conditioning or any other source of direct heat energy. Failure to do so may result in damage to the flat panel and could cause a risk of fire.



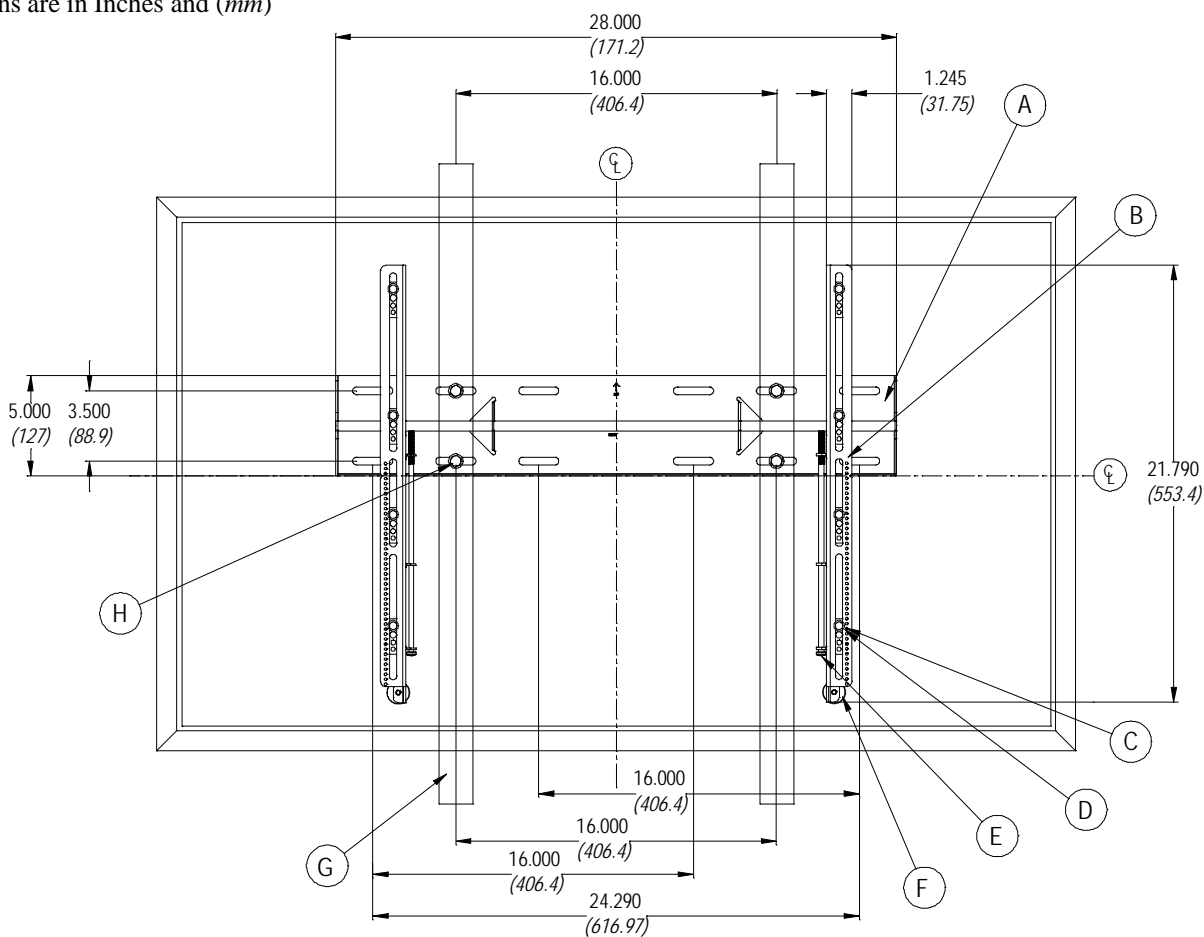
At least two qualified people should always perform the installation work. Injury and damage can result from dropping or mishandling the flat panel.



Mounting structure recommended wood studs, solid-flat concrete. Use a minimum diameter of 5/16" x 2 1/4" lag concrete wedge anchors (commercially available) or a minimum diameter of 5/16" x 3" lag wood screws.

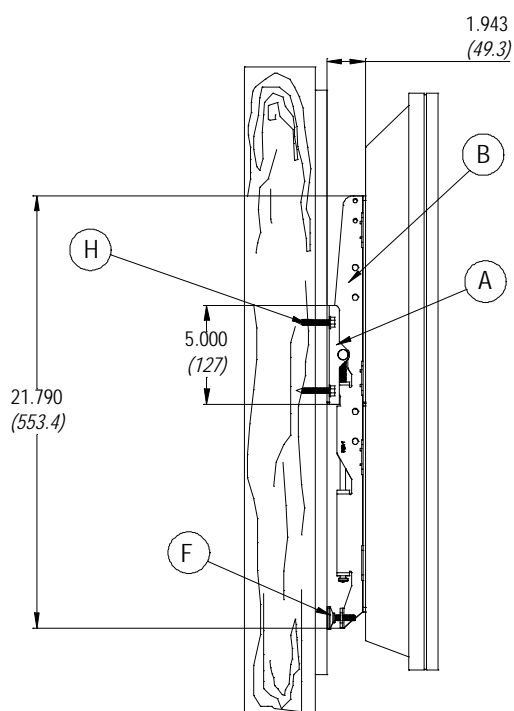
Assembly drawing

Dimensions are in Inches and (mm)



Description

- A. Wall plate
- B. Mounting brackets
- C. Griplate™
- D. Mounting hardware
- E. Safety screws
- F. Leveling feet
- G. Wood stud
- H. 5/16" x 3" Lag screws and flat washers




Flat panel list

Acer	Eizo	Idex
PDP7859: M6 x 20	5420T: M8 x 30	PDM4260: M4 x 16
Akai	Electrograph	Ikegami
CTA42AR7A, PDP4247, PDP4290, PDP4294, PDP5090, HPT500AN: M8 x 25 – ½" nylon spacers - sleeves	DTS42W: M8 x 30 – ¼" nylon spacers (large) DTS4230: M8 x 30 – ½" nylon spacers - sleeves DTS42DD, DTS42GBDD, DTS42GB: M6 x 20	PTM4202: M5 x 20
Akira	Faroudja	Integra
EPM420, SV4201: M5 x 16	FPP42HD10, FPP50HD10: M4 X 16	PLA50V1: M4 X 16
Albatron	Fujitsu	JVC
PWV46AC: M6 x 20	4211, 4212, 4221, 4222, 4208, 4209, 4213, 4214, 4229, 4241 4242, 4233: M5 x 16 5001, 5002, 5003, 5004, P50XHA10, P50XCA11UH, P50XHA30WS: M8 x 25 – flat washers PDS6101, PDS6001, PDS6002: M8 x 30 – ½" Nylon spacers - sleeves	GDV4200PZW, 4210, GDV4210PZWGA, 4211, GMP420UG, GMV42UG, JVP042WV74, PD42WV74, PD42WX84: M5 x 16 GDV500PZU, GDV501U, 502U: M8 X 30 – ½" nylon spacers – sleeves
Barco	Gateway	LG Electronics
Cineversum 50: M8 x 20	GTWP42M102: M8 x 20, M8 x 35 – ¼" nylon spacers (large) GATEWAY 42: M8 x 30 – ¼" nylon spacers GATEWAY 46: M6 x 20 GATEWAY 50: M8 x 30 – ¼" nylon spacers	Flatron MU40PA10B, MU40PA15B: M5 x 20- ¼" nylon spacers Flatron MN42PZ10, MN42PZ11, MU42PZ10, MU42PZ11B, MU42PZ15B: M5 x 20 MU50PZ41, MU50PZ90: M5 x 20 Flatron MU60PZ10, MU60PZ11B, MU60PZ12B, MU60PZ90V: M8 x 25
BenQ	Helios	Luce
PDP7843E: M6 x 20 – ¼" nylon spacers (small) PDP46W1: M6 X 12	4200: M8 x 20	PDTV4220A: M5 x 25 – ½" nylon spacers
Cornea	Hitachi	Marantz
MP4200, MP4204: M5 x 16	32HDT20, CMP307XJ, CMP307XU, 32HDT20 CMP401H DU, CMP402HDE, CMP402H DU, CMP4120H DU, CMP4121, CMP4121H DU, CMP4201U, CMP4202U, 42HDW10, 42HDT20, 42HDT50, 42HDT55 M6 x 12 CMP5000WXU, CMP5003WXU, 50HDT50, 50HDT55: M8 X 20	PD4280D, PD4282D, PD4290D, PD4292D, PD4293: M4 x 20 PD4298HD: M6 X 20 PD5010D, PD5020, PD5040:
Dream Vision		Max
Revolution One, Revolution Five: M4 x 16		4600, 4600T: M6 x 20 5000: M8 x 30- ½" nylon spacers - sleeves
Dukane		
P37: M6 x 12 P42: M6 x 12 P50: M8 x 20		
Dwin		
HD50: M8 x 30 – ½" nylon spacers - sleeves		
EIKI		
PLD32: M5 x 20 - ¼" nylon spacers (small) PLD42XU: M5 x 20 - ¼" nylon spacers (small)		



Note


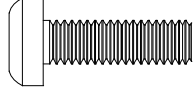

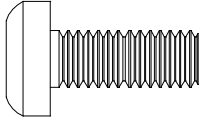
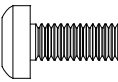
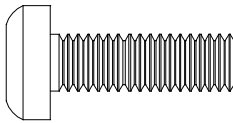

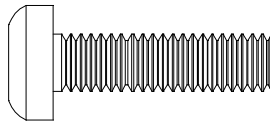
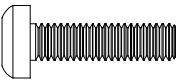
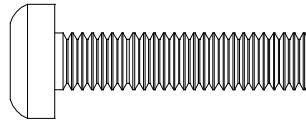

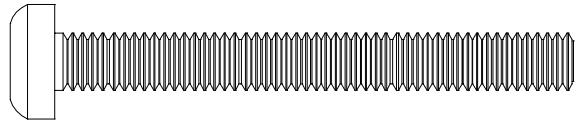
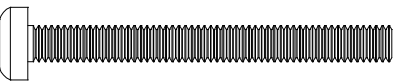

If your flat panel display is not listed, go to (page 8) to determine the thread pitch for your flat panel.

Mitsubishi	Princeton Graphics	Tatung
PD5010HD, PD5030: M4 x 16	AR3.4FTW, AR4.6PDP: M6 x 20	P46T: M6 x 20
Monivision	Rainbow	Toshiba
PWV46AC, PD46W00: M6 x 20	Spectrum 3750: M6 x 20	42HP82: M4 X 16 PD42W, PD42W1: M8 X 30 – ½" nylon spacers (large) - sleeves 50HP81: M8 X 30 – ½" nylon spacers (large) - sleeves 50HP82: M4 X 16
NEC	RCA	Tredex
4200W, 4210W, M4A, MP2, PX42M3A, 42PD1W, PD2 M5A, M5G, 42MP1, 42PD1, PX42VM1A, PX42VP1A, PX42VP2A, 42MP3, 42PD3, PX42VP3A, 42MP4, 42VP4A, 42MX2: M4 X 16, 5000W, PX50M5A, 50PD1, PX50VP1A, PX50MX1A, 50MP1, 50MP2, 50PD2, 50VP2, 50MP3, 50XM3: M4 X 16	PR42300, PHD42600, PHD50300, PHD50400: M4 X 16 PHD50500: M8 X 20	TXP4600: M6 x 20
Norcent	Revox	V-Inc
46WGA850: M6 x 12	E1042: M6 x 20 E1050: M8 x 20	Vizio P1, Vizio P4: M6 x 12
Orion	Runco	Vidikron
PM4202: M5 x 16	PL42C, CW42: M4 X 16 PL42CXPL50CX: M8 X 30, ½" Nylon spacers – sleeves E1050, PL50C, PL50HDX, CW50MC: M8 X 20	VPW420: M8 X 30, ½" Nylon spacers (large) - sleeves
Panasonic	Sampo	VIEWSONIC
TC42P1, PT42PD3P, PT42PD1P, TC42P1F, PT37P1, TH42PWD3, TH37PWD4UZ, PT37PD4, TH37PW5EX, TH37PA20UP, TH42PD4UY, TH42PWD4EX, PT42P1, 42PD2, TH42PWD3U, TH42PHD5U, PT42PD3P, PT42PD4, PT42PHD4P, TH42PWD5UY, TH42PW5UZ, TH42PWD6UY, TH42PA20UP, TH42PL20E, TH42PAX20, TH50PHD3U, PT50PD3P, PT50PHD4P, TH50PHD3E, TH50PHW3, TH50PD4, TH50PHD5UY, TH50PHD6UY, TH50PL20E, TH50TX20UP: M8 X 30 – ½" Nylon spacers – sleeves TH42PX20U, TH50PX20U: M8 X 70 – 1-1/2" Nylon spacers	PME42S6: M8 x 30 – ¼" nylon spacers (large) PME42F61: M8 x 20, M8 x 35 – ¼" nylon spacers (large) PME50X6: M8 x 30 – ¼" nylon spacers (large)	VPW420: M8 x 30 – ½" nylon spacers - sleeves VPW425: M8 x 30 – ¼" nylon spacers (large) VPW450HD: M8 x 30 – ¼" nylon spacers (large) VPW500: M8 X 20 VPW505: M8 x 30 – ¼" nylon spacers (large)
Philips	Samsung	Yamaha
42FD9934, 42FD9952, 42FD9954, 42PH9555, 42FD9935: M5 x 25 ½" Nylon spacers BDS4611: M6 x 20 50FD9934/17S: M4 X 16	PPM42S2, PPM42S3, SPL4225K, SPN4235, SPN4239: SPK4215M, PK42P2S: M8 x 25 – ½" nylon spacers PPM50H2, HPL5025K: M8 x 30 – ½" Nylon spacers - sleeves PPM50H3, HPN5039: M8 x 25 – ½" nylon spacers	PDM1: M8 x 30 – ½" nylon spacers - sleeves
Pioneer	Sanyo	Zenith
PDPV401, V402, PDP4330HD, PDP433HDE, PDP433CMX, PDP433PU, PDP4300, PDP4340HD, PRO800HD, PRO800HDI, PRO910HD, PDP4310, PDP501X, V502MX, V502X, PDP503MX, V505, PDP505HD, PRO1000HD, PDP503CMX, PDP5030HD, PDP503HDE, PDP5031HD, PDP5040HD, PRO1000HDI, PRO1110HD: M8 X 20	PDP421A: M5 x 20 - ¼" nylon spacer (small) PDP42H1NA: M5 x 20 - ¼" nylon spacer (small)	DPDP40W, P40V22, DPDP40V, P40V24: M5 x 20 – ¼" nylon spacers (small) P42W22, P42W22B, P42W24P, P42W34P: P40V24: M5 x 20 – ¼" nylon spacers (small) P50W26, P50W28, P50W38: M5 x 16
Planar	Sharp	 Note If your flat panel display is not listed, go to (page 8) to determine the thread pitch for your flat panel.
42N: M4 x 16 50P: M8 x 20	PZ42H2U, PZ43HV2U, PD50U, PZ50HV2U: M8 X 20	
	SONY	
	PFM42B1, PFM42B2: M6 x 20 - 5/16" flat washers PFM-42V1, PFM-42V2: M6 x 20– 5/16" flat washers PFM50C1: M6 x 20 - 5/16" flat washers KE-42XBR900: M5 x 20 - 5/16" flat washers KE50XBR900: M5 x 20 - 5/16" flat washers KE42XS910: M5 x 20 - 5/16" flat washers KDE61XBR950: M5 x 20 - 5/16" flat washers	
	SVA	
	HD4208TIII: M6 x 20 - ¼" nylon spacers	

Parts list



Note This wall mount is shipped with all proper installation hardware and components. Make sure that none of these parts are missing before beginning installation. If there are parts missing stop the installation and contact Premier Mounts.

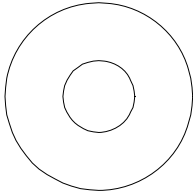
M4 x 16  (Qty 8)	M6 x 20  (Qty 6)
M4 x 25  (Qty 4)	M8 x 20  (Qty 6)
M5 x 12  (Qty 8)	M8 x 25  (Qty 6)
M5 x 16  (Qty 6)	M8 x 30  (Qty 6)
M5 x 20  (Qty 6)	M8 x 35  (Qty 4)
M5 x 25  (Qty 4)	M8 x 70  (Qty 4)
M5 x 50  (Qty 4)	
M6 x 12  (Qty 8)	

Parts list (con't)

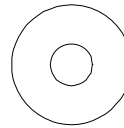
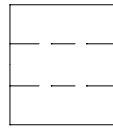
Nylon spacers and flat washers



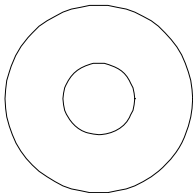
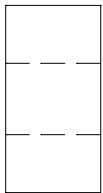
Note The nylon spacers may be staked to achieve proper spacing.



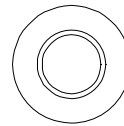
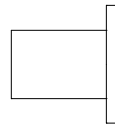
1/4" Nylon spacers
(large)
(Qty 6)



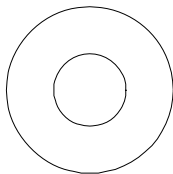
9/16" Nylon spacers
(Qty 6)



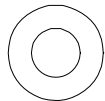
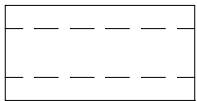
1/2" Nylon spacers
(large)
(Qty 12)



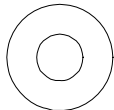
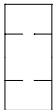
Nylon sleeves
(Qty 4)



5/16" Flat washers
(metal)
(Qty 6)



1" Nylon spacers
(Qty 6)

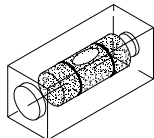


1/4" Nylon spacers
(small)
(Qty 6)

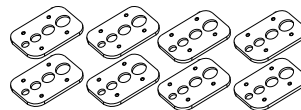
Parts list (con't)

All of these parts are used to install the mounting bracket. Make sure that none of these parts are missing before beginning installation. If there are parts missing stop the installation and contact Premier Mounts.

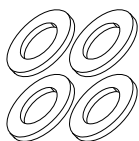
Level (1)



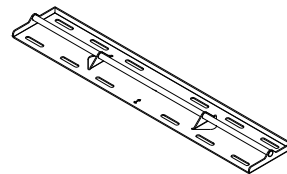
Griplates™ (8)



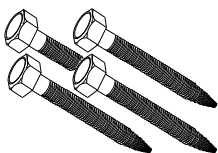
5/16" flat washers (4)



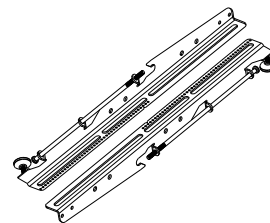
Wall plate (1)



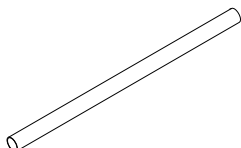
5/16" x 3" Lag bolts (4)
(used on wood studs
only)



Mounting brackets
(left & right)



Thread depth
indicator (1)



Checking the thread depth on your flat panel

1. Insert the thread depth indicator (supplied) through the thread inserts found on the back of the flat panel to make sure the inserts measure the same full depth and mark it. (see figure 1)
2. Locate the correct diameter screw for the thread insert. Compare your marking to the screws (supplied). If your selected screw is longer than the marking on the thread depth indicator **DO NOT USE** this screw.
3. The screw length must not bypass the marking. Select another screw size (see figure 2 and 3). Until you find one that comes closest to your mark without going past.

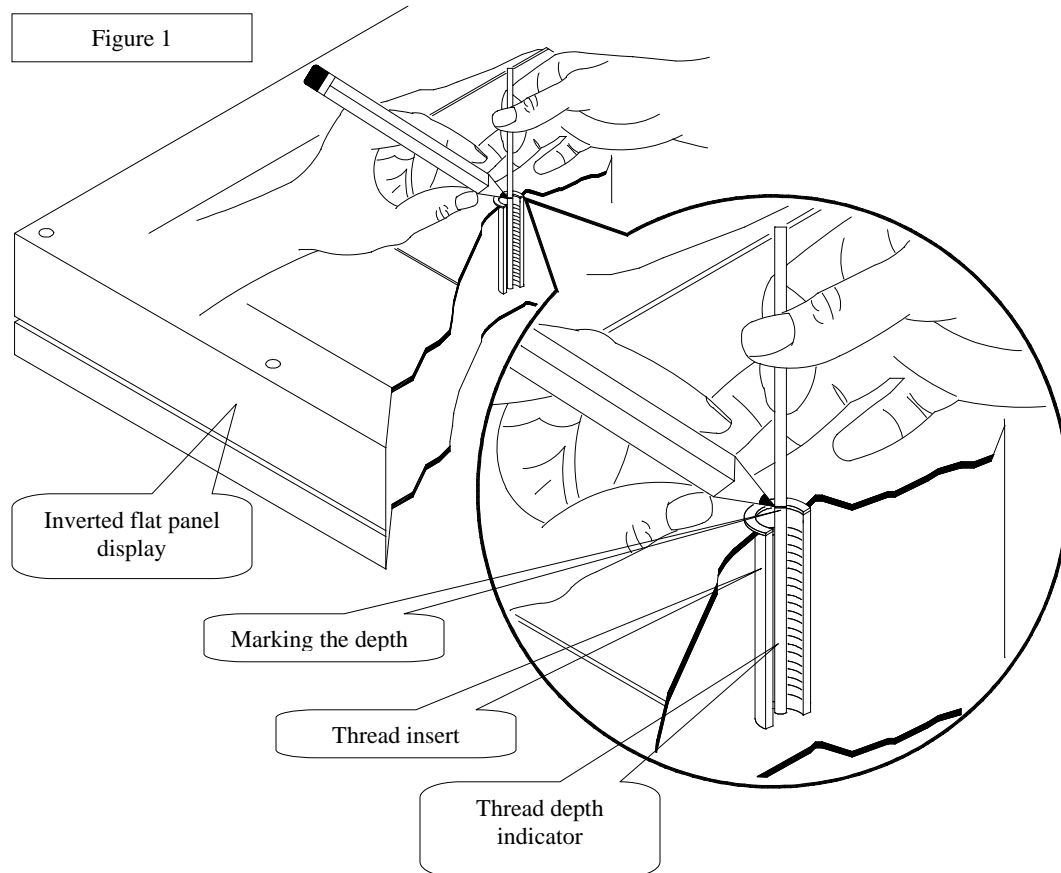


Figure 2

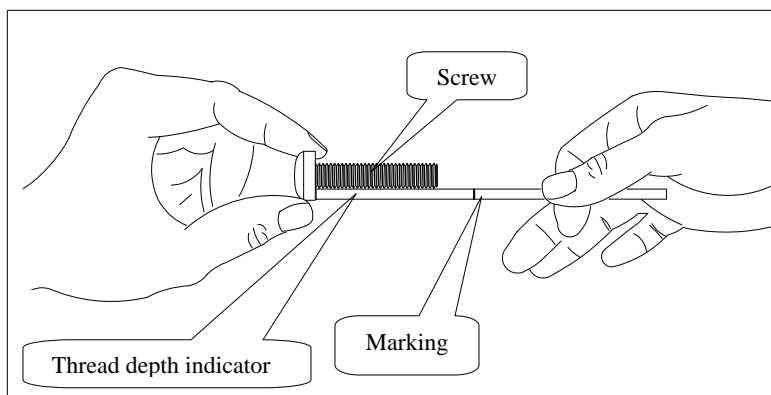
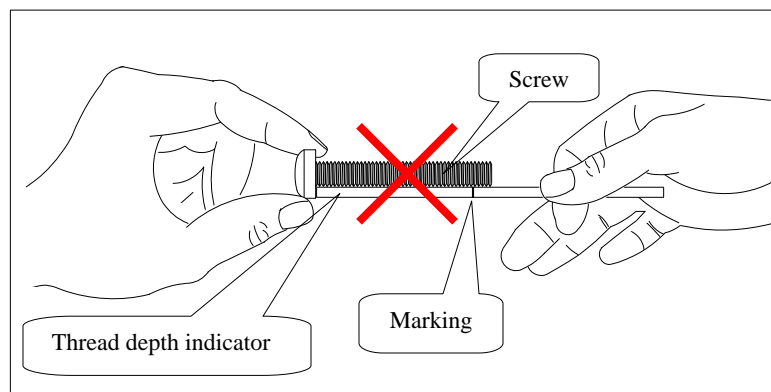


Figure 3



Finding center of the flat panel display

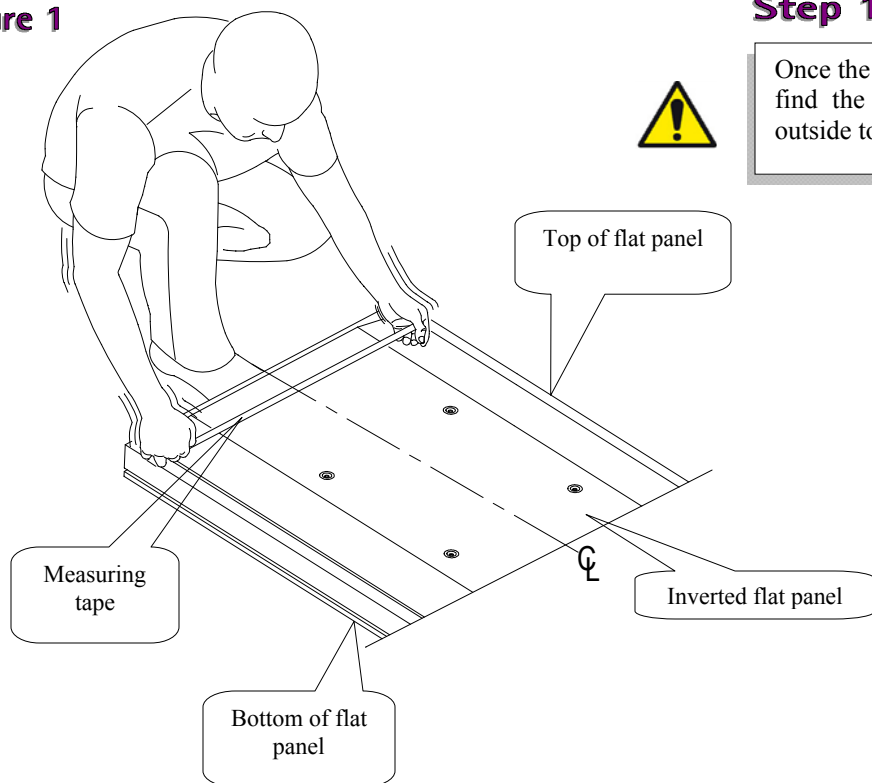


Proper installation procedure by qualified personnel as outlined in the installation instructions must be adhered to. Failure to do so could result in serious personal injury and possible damage to the flat panel.



INVERT THE FLAT PANEL PLACE IT ON A SOFT, FLAT SURFACE TO PREVENT DAMAGE TO THE FLAT PANEL. USE A BLANKET, FOAM, ETC. FAILURE TO DO SO WILL RESULT IN DAMAGING THE FLAT PANEL. DO NOT LAY THE FLAT PANEL ON THE FLOOR WITHOUT ANY PROTECTION TO THE GLASS. THE FLAT PANEL IS HEAVY AND FRAGILE. AT LEAST (2) QUALIFIED PERSONNEL ARE STRONGLY RECOMMENDED FOR INSTALLATION OF THIS PRODUCT. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY AND POSSIBLE DAMAGE TO THE FLAT PANEL.

Figure 1



Step 1

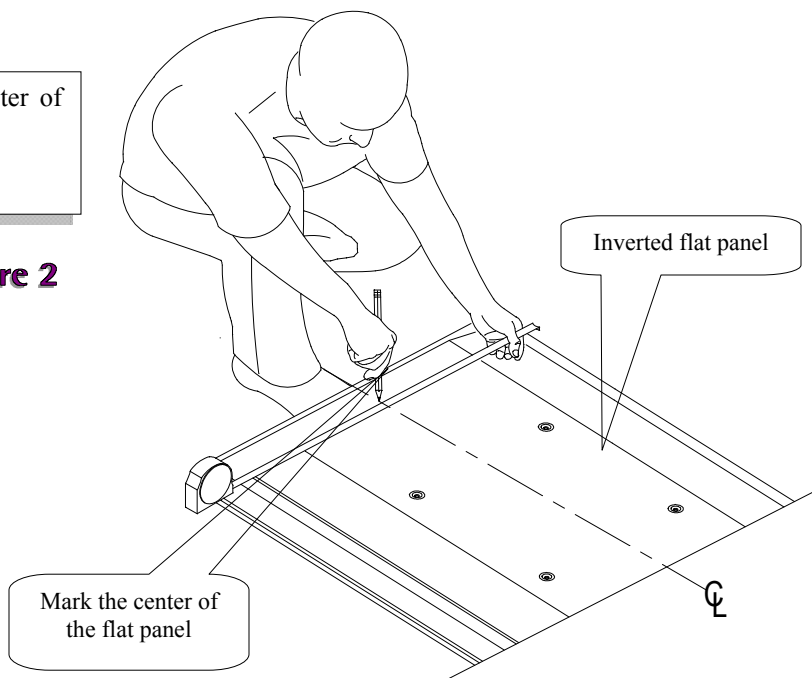
Once the flat panel is inverted, use a measuring tape to find the center of your flat panel measuring from outside to outside of the chassis. See figure 1.

Step 2



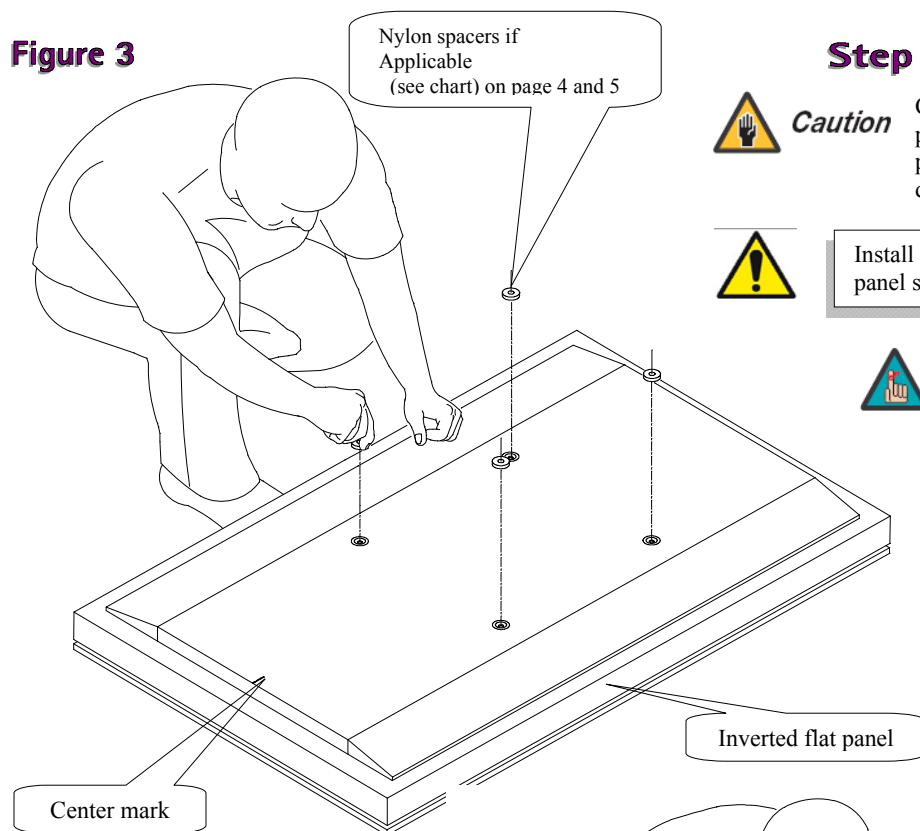
Using a pencil lightly mark the center of your flat panel. See figure 2.

Figure 2



Positioning the mounting brackets

Figure 3



Step 3



Caution

Check the chart on page 4 and 5 to see if your flat panel needs nylon spacers. The nylon spacers provided, must be used. Failure to do so will result in damaging the flat panel.



Install the nylon spacers to the mounting points on the flat panel see figure 3.



Note

See chart (if the nylon spacers apply to your flat panel).

Step 4



Lay the left and right mounting brackets (stamped arrows facing out). See figure 4.

Figure 4

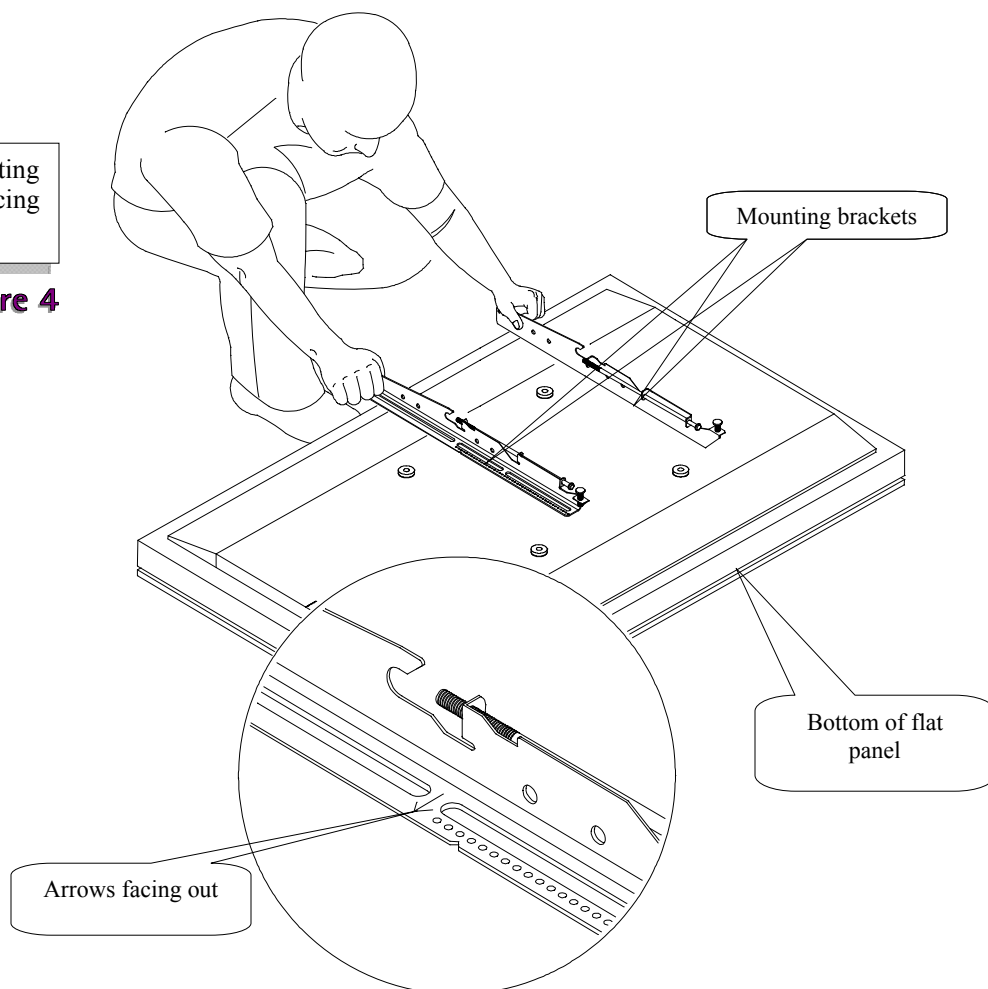
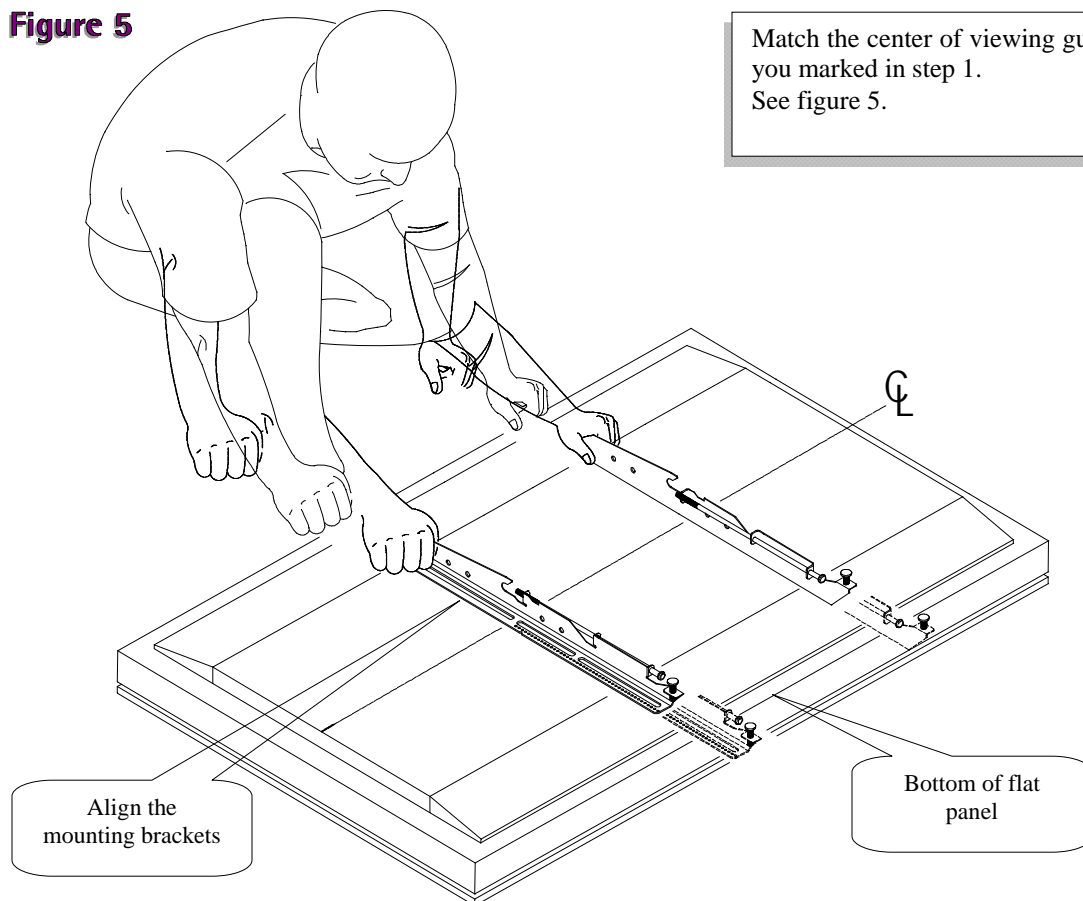


Figure 5

Step 5

Match the center of viewing guide with the center line you marked in step 1.
See figure 5.



Step 6

The mounting brackets are designed with a center of viewing guide on the side of them.
See figure 6.

Figure 6

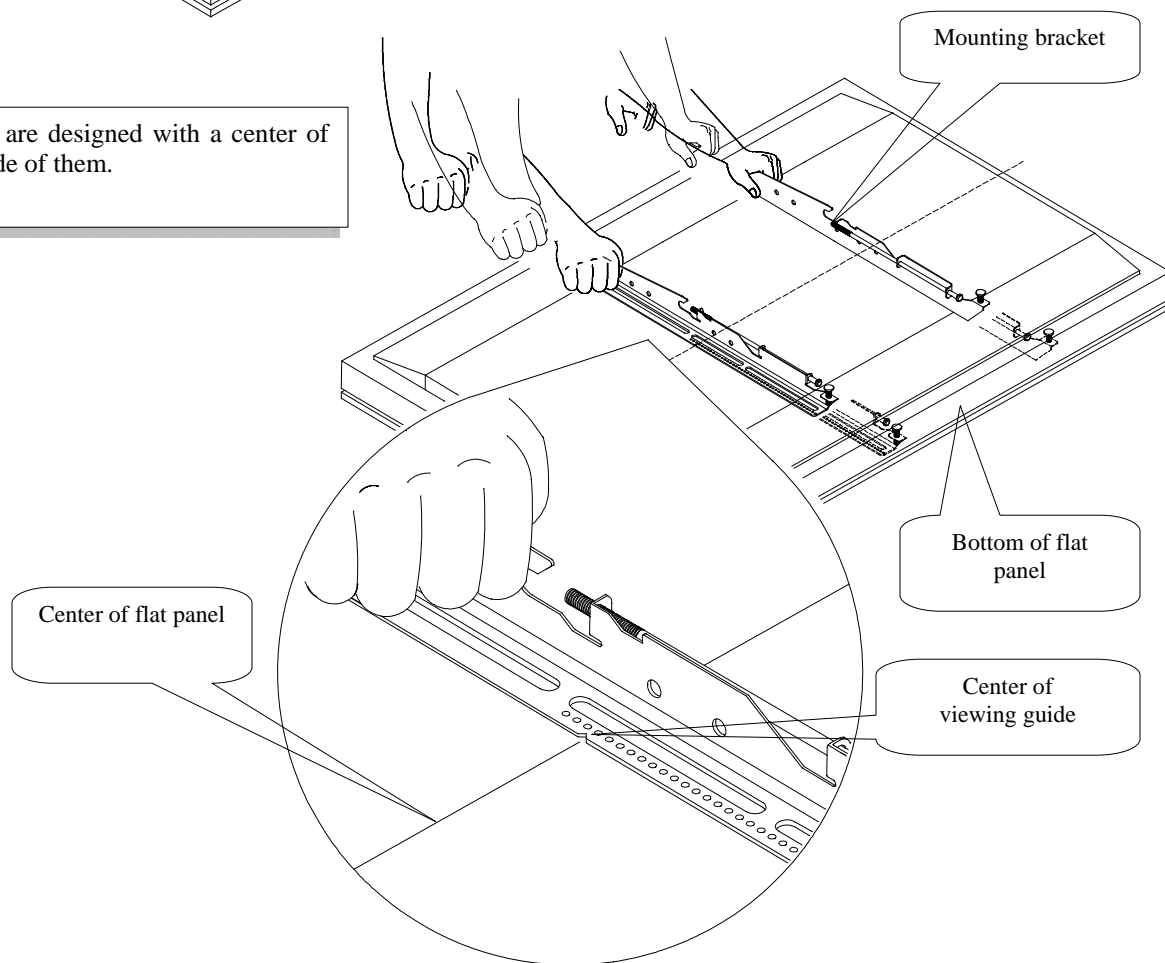
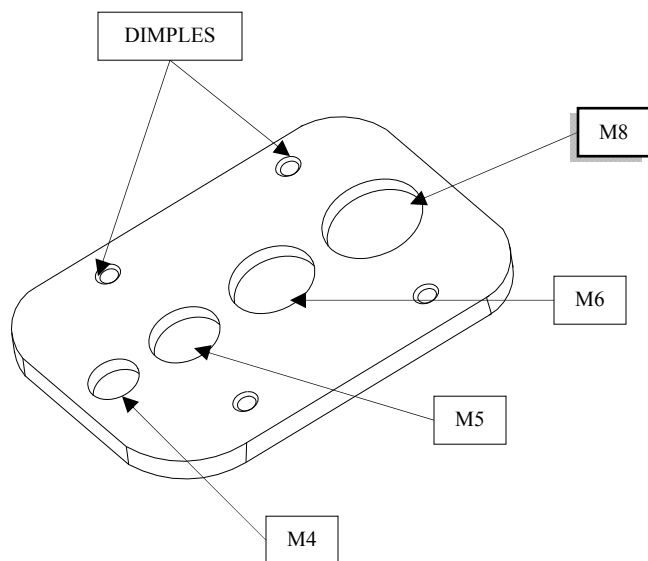


Figure 7



Step 7

The Griplates™ have M4, M5 M6 and M8 hole patterns to fit the hardware that your flat panel requires.

EXAMPLE: If your plasma uses M8 x 20 Phillip screws. Use the M8 mounting points. See figure 7

Step 8

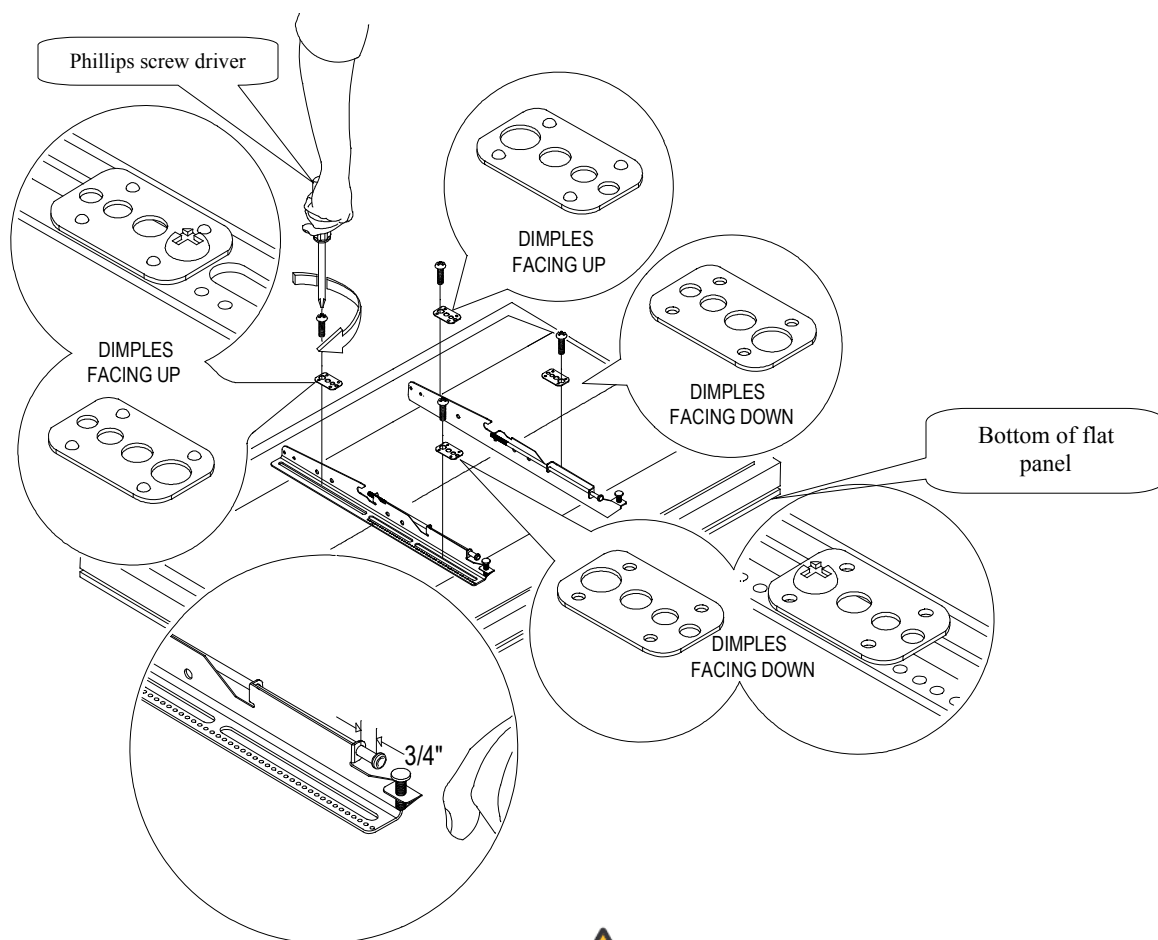
Once the mounting brackets are aligned secure the Griplate™ to the flat panel.



Note

The dimples of the top plates have to be facing up and the bottom dimples must be facing down. Use (1) Griplate™ per mounting point. See figure 8.

Figure 8



Caution

Do not over tighten the mounting hardware.

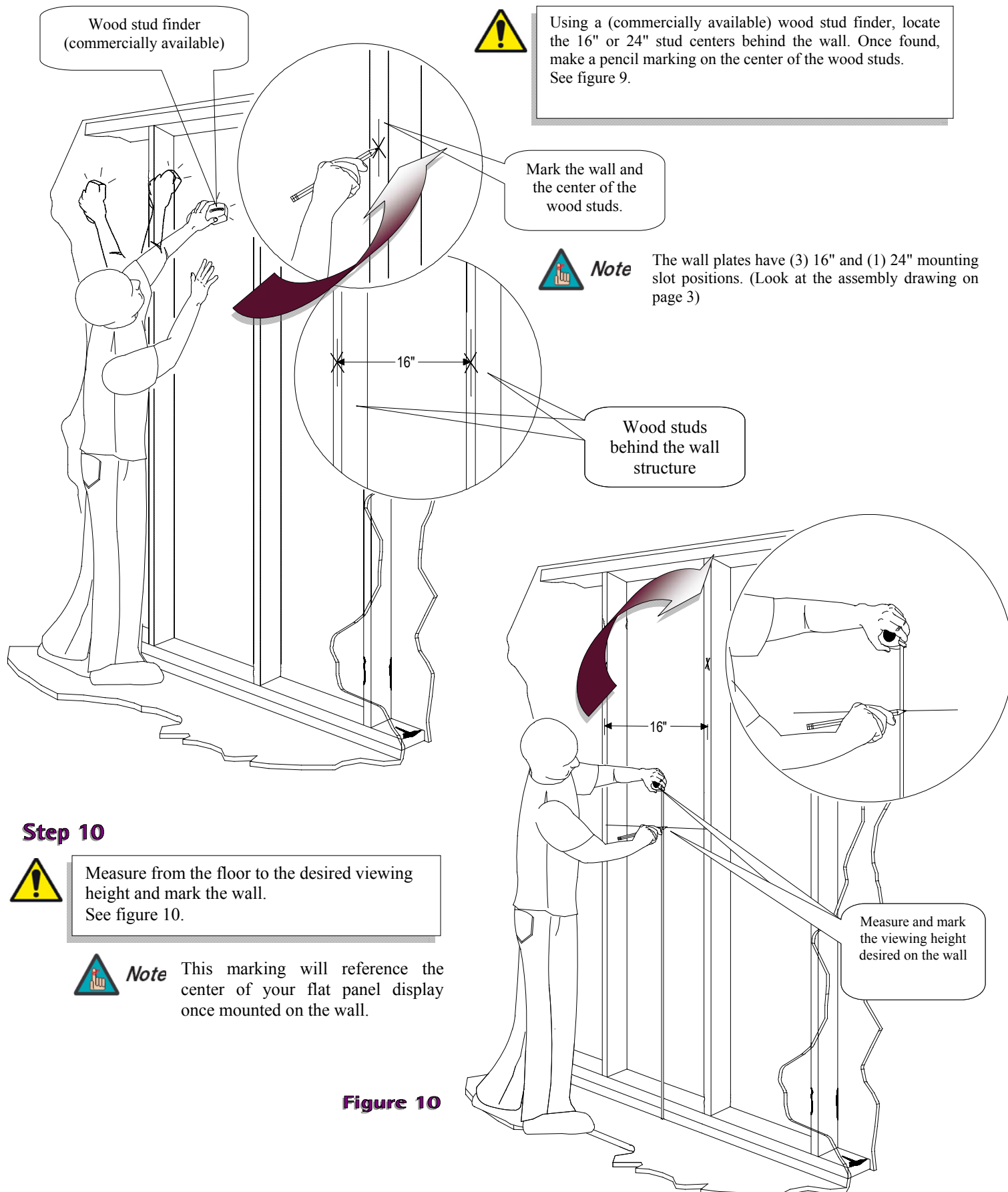


Note

Leave a 3/4" gap on both mounting brackets as shown on this diagram.

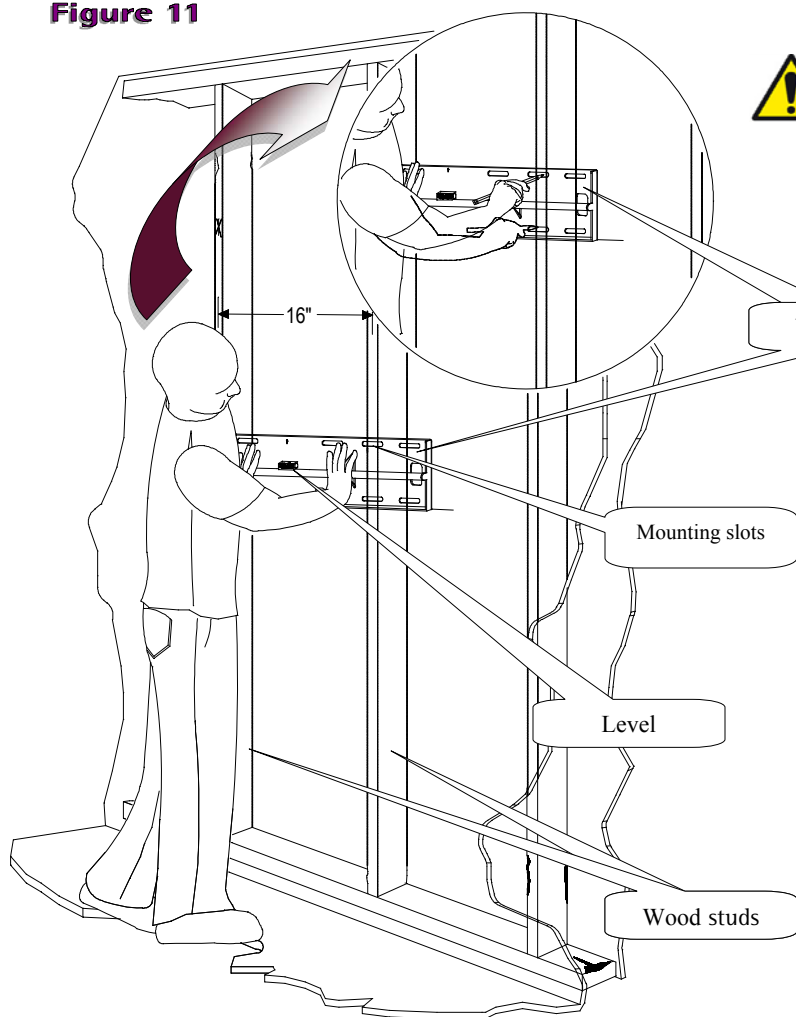
Finding the wood studs behind the wall structure

Figure 9



Marking the mounting points on the wall

Figure 11



Step 11



Place the bottom portion of the wall plate to the reference line and mark the four (4) lag bolt mounting points through the wall plate slots on the wall. Level the wall plate with the reference arrow pointing up to the ceiling. See figure 11.

Step 12



Wood studs: Drill four (4) $\frac{1}{4}$ " pilot holes to the marked wall.
Concrete wall: Drill four (4) $\frac{3}{8}$ " pilot holes to the marked wall.
See figure 12.

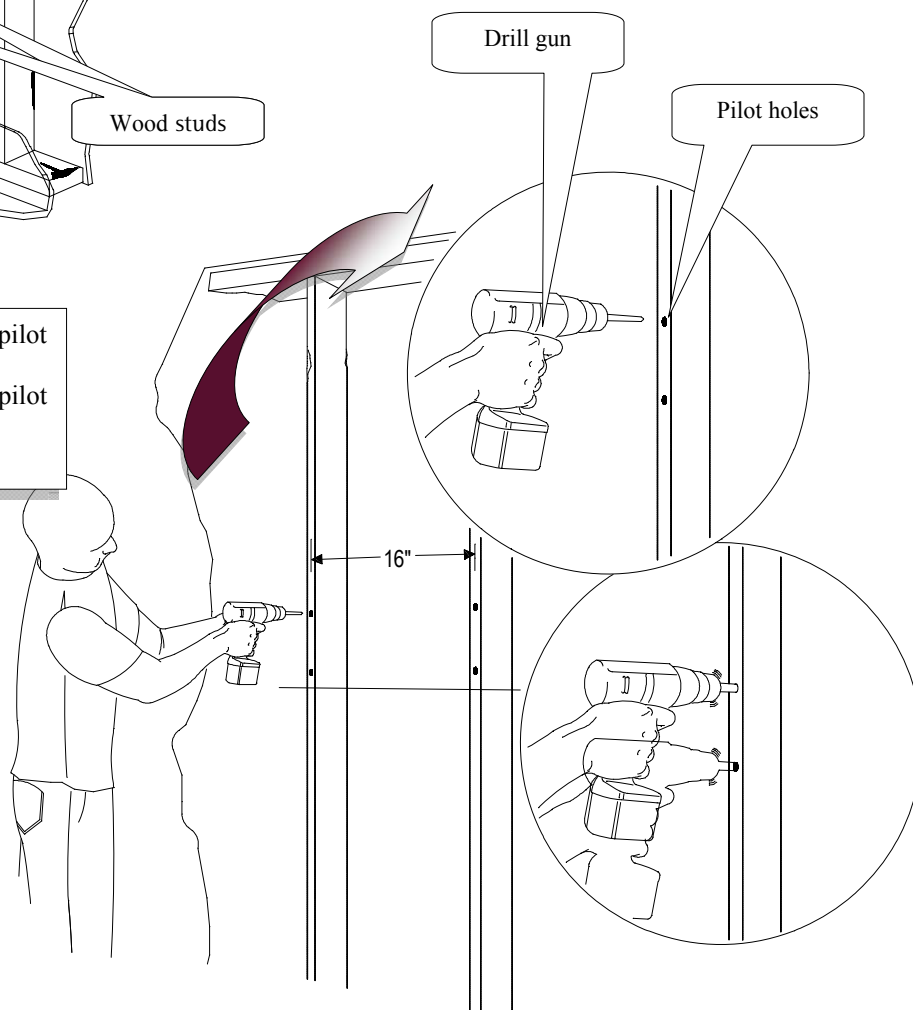


Figure 12

Securing the wall plate to wood studs

Step 13



Level and secure the plate to the wall with the reference arrow facing up to the ceiling. Secure the plate using the four (4) 5/16" lag bolts and flat washers (supplied). See figure 13.



Note

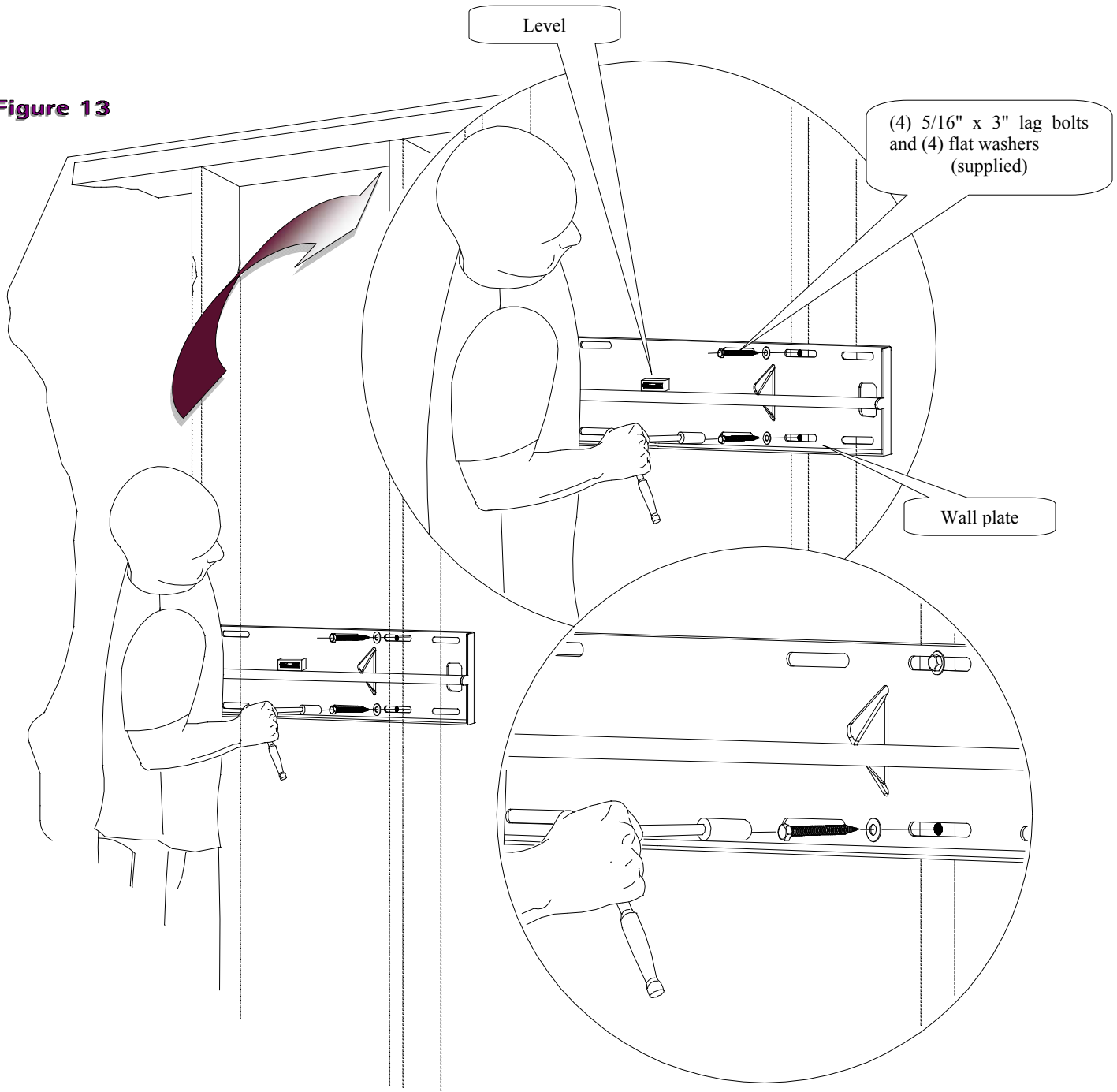
Use a minimum diameter of 5/16" x 3" long wood screws.



Caution

Do not over tighten the lag bolts.

Figure 13



Securing the wall plate to a concrete wall



Level and secure the plate to the wall with the reference arrow facing up to the ceiling. Use a minimum diameter of 5/16" x 2 1/4" lg concrete wedge anchors (commercially available). See figure 14.



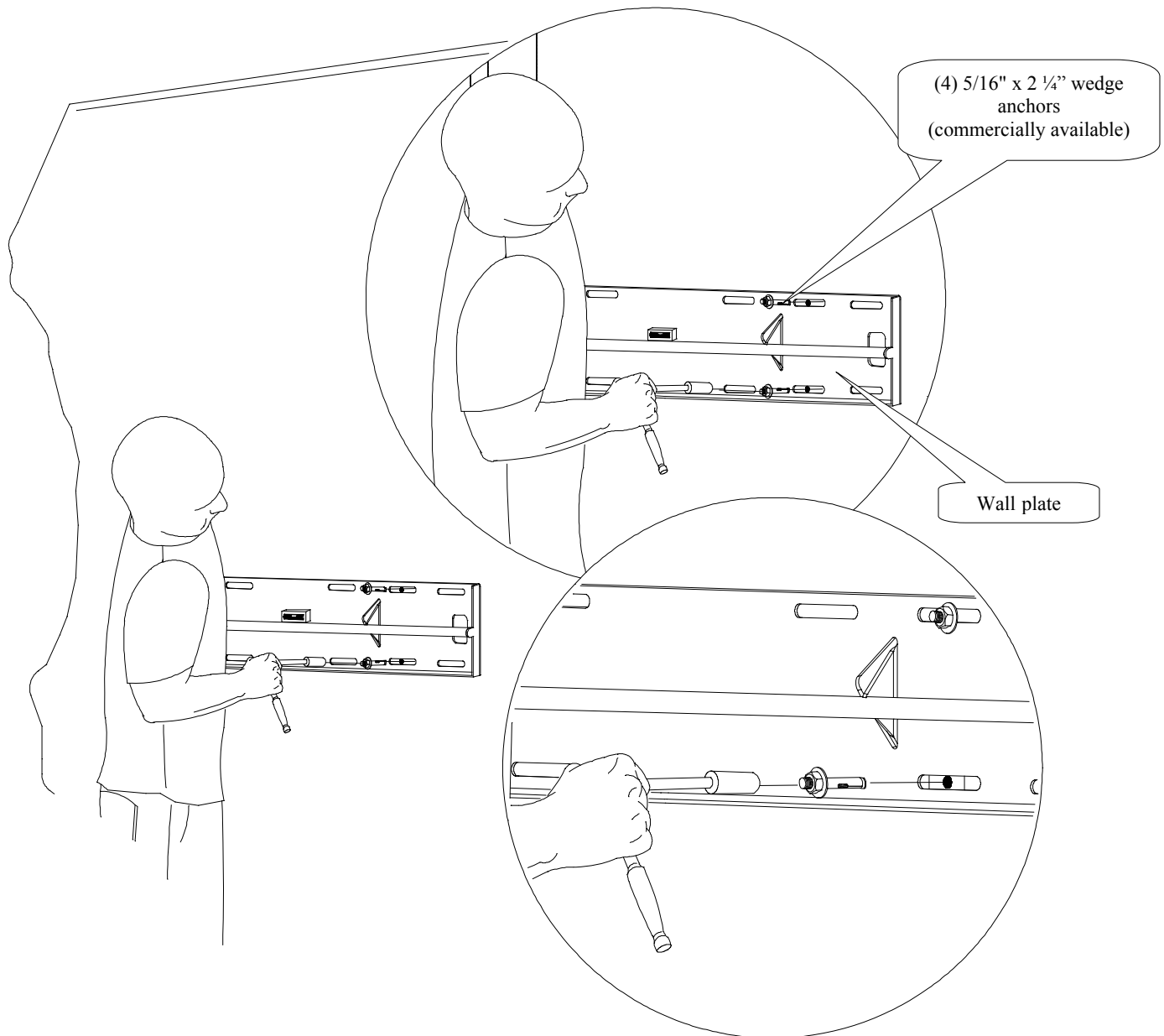
Note

Use a minimum diameter of 5/16" x 2 1/4" long wedge anchors (commercially available).



Caution Do not over tighten the wedge anchors bolts.

Figure 14



Securing the flat panel to the wall mount



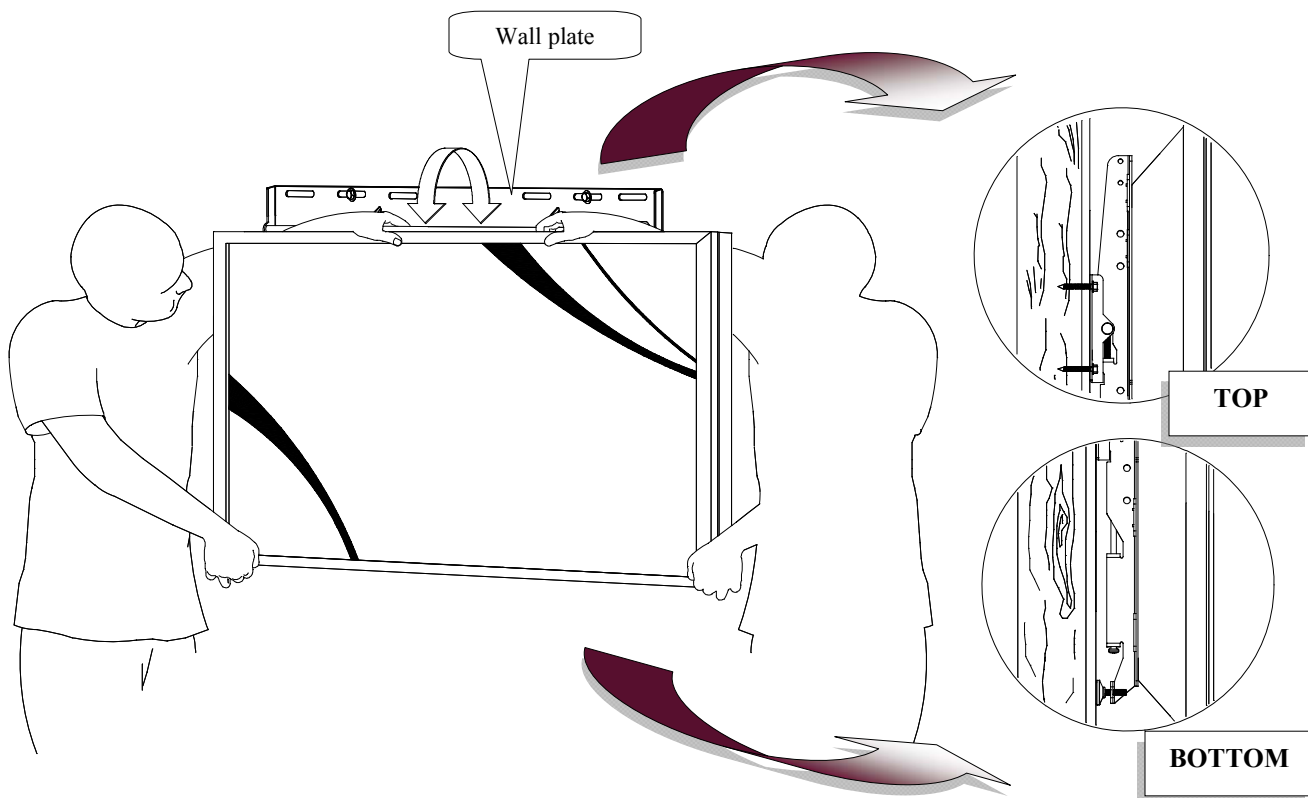
AT LEAST (2) QUALIFIED PERSONNEL ARE STRONGLY RECOMMENDED FOR INSTALLATION OF THIS PRODUCT. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY AND POSSIBLE DAMAGE TO THE FLAT PANEL.

Step 14



Raise the flat panel with the LEFT and RIGHT mounting brackets secured to the flat panel and insert the top hooks from each bracket to the rod from the wall plates. See figure 15.

Figure 15



Lateral shift adjustment

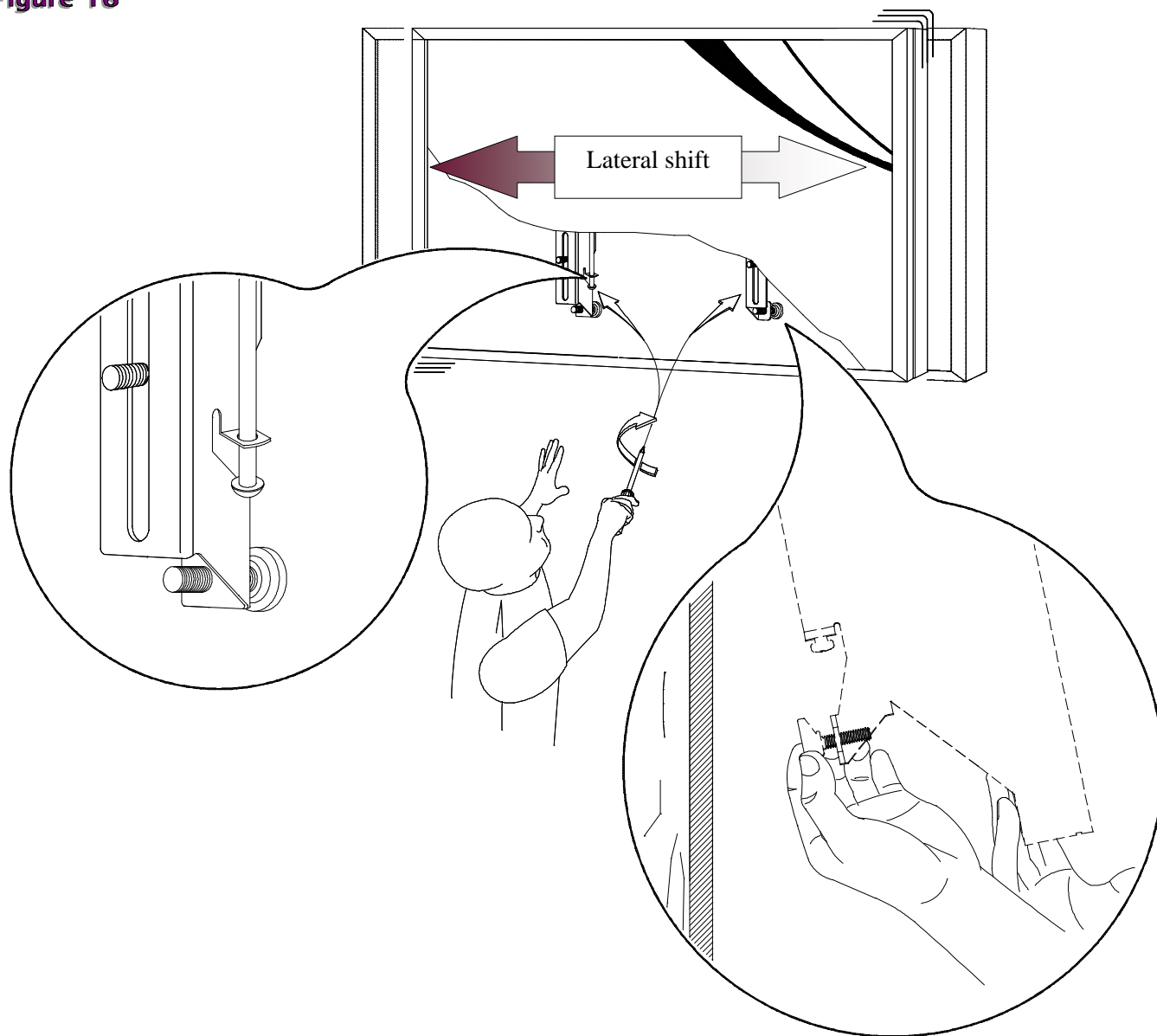
Step 15

Make any lateral shift adjustment and lock it by tightening the two (2) ¼"-20 Phillips screws found on the bottom of the mounting brackets. Use the foot leveler to adjust your plasma.
See figure 16



Caution Do not over tighten the ¼"-20 screws to the rods.

Figure 16



Note To remove the display from the wall simply back off the ¼"-20 screws using a Phillips screwdriver and lift the unit off the wall carefully.

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