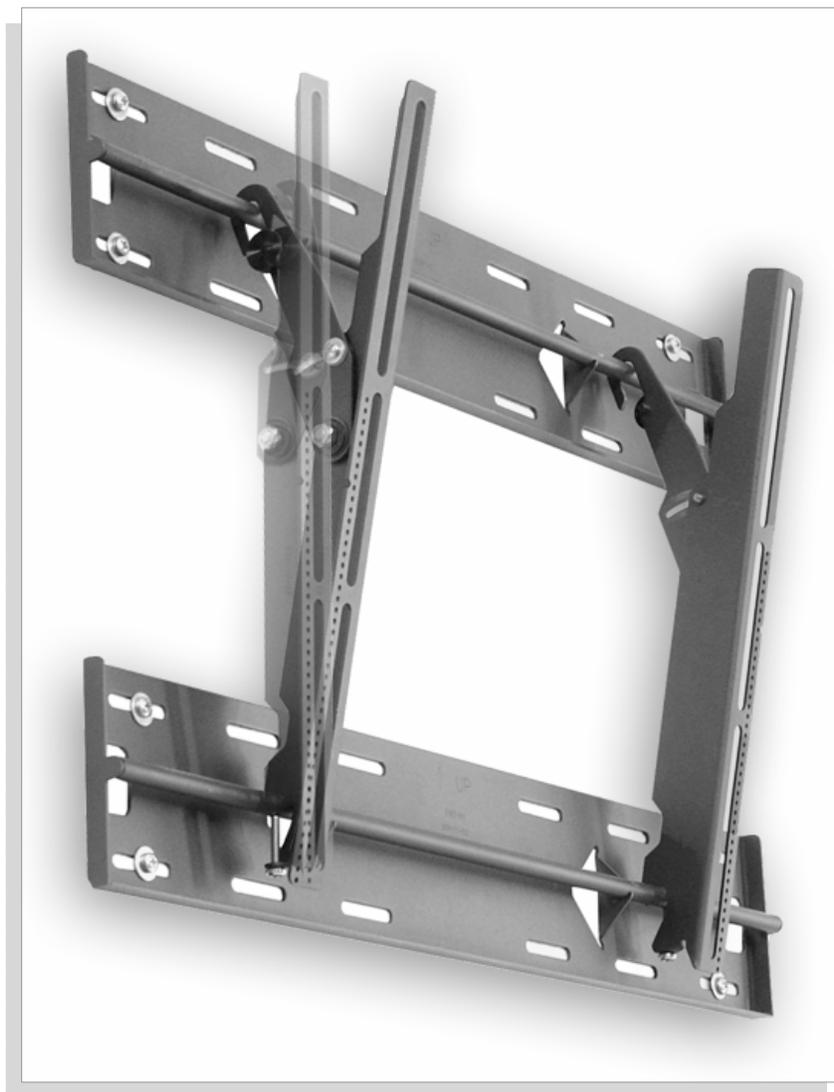


# INSTALLATION MANUAL

Universal flat-panel mount

## PCM-MS2



 **PREMIER  
MOUNTS™**  
The original holding company



3130 E. Miraloma Ave. Anaheim, CA 92806 Phone: 800 368-9700 Fax: 800 832-4888

[www.mounts.com](http://www.mounts.com)

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## WARNING!

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.

**WARNING** 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



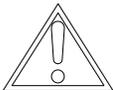
Safety precautions must be taken at all times.



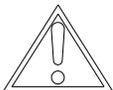
Warning and caution in general



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.



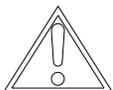
Do not install in locations where there is vibration, movement or danger of impact. Failure to do so could result in flat panel cracking or falling from the wall causing damage and injury.



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.



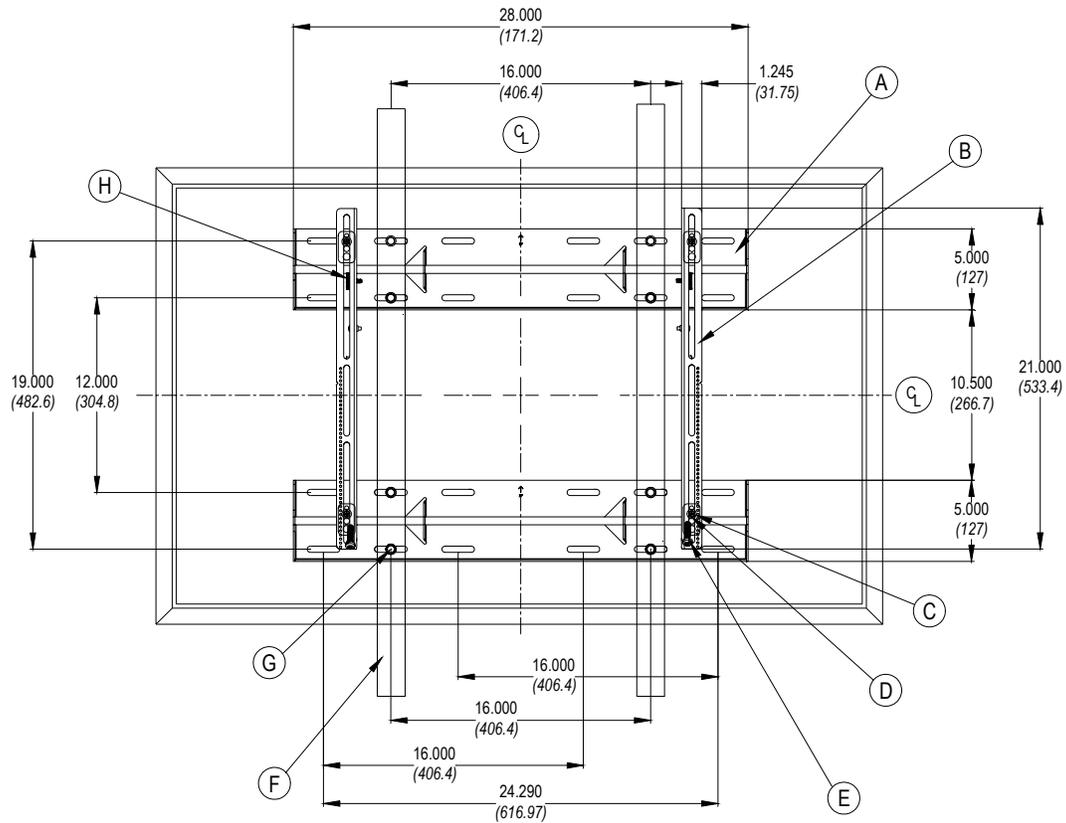
At least two qualified people should always perform the installation work. Injury and damage can result from dropping or mishandling the flat panel.



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

# Assembly drawing

Dimensions are in Inches and (mm)



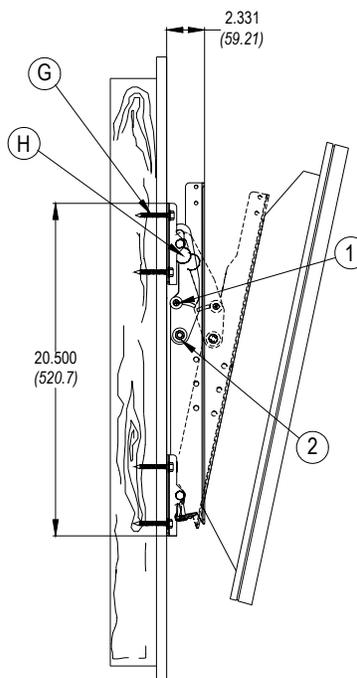
## Description

- A. Wall plates
- B. Mounting brackets
- C. Griplate™
- D. Mounting hardware
- E. M6 x 30 (mm) Phillip screws
- F. Wood stud
- G. 5/16" x 3" Lag screws and flat washers
- H. Safety knobs

## Fine tune tilt adjustments

1. M5 Phillips screws for fine tension
2. M8 Hex nut coarse tension

NOTE: The 8 (mm) hex nut is for your coarse tension adjustment and the 5 (mm) screws are for your fine tension adjustment.



## Flat panel list

<b>Acer</b>	<b>Eizo</b>	<b>Idex</b>
PDP7859: <b>M6 x 20</b>	5420T: <b>M8 x 30</b>	PDM4260: <b>M4 x 16</b>
<b>Akai</b>	<b>Electrograph</b>	<b>Ikegami</b>
CTA42AR7A, PDP4247, PDP4290, PDP4294, PDP5090, HPT500AN: <b>M8 x 25 – ½” nylon spacers - sleeves</b>	DTS42W: <b>M8 x 30 – ¼” nylon spacers (large)</b> DTS4230: <b>M8 x 30 – ½” nylon spacers - sleeves</b> DTS42DD, DTS42GBDD, DTS42GB: <b>M6 x 20</b>	PTM4202: <b>M5 x 20</b>
<b>Akira</b>	<b>Faroudja</b>	<b>Integra</b>
EPM420, SV4201: <b>M5 x 16</b>	FPP42HD10, FPP50HD10: <b>M4 X 16</b>	PLA50V1: <b>M4 X 16</b>
<b>Albatron</b>	<b>Fujitsu</b>	<b>JVC</b>
PWV46AC: <b>M6 x 20</b>	4211, 4212, 4221, 4222, 4208, 4209, 4213, 4214, 4229, 4241 4242, 4233: <b>M5 x 16</b> 5001, 5002, 5003, 5004, P50XHA10, P50XCA11UH, P50XHA30WS: <b>M8 x 25 – flat washers</b> PDS6101, PDS6001, PDS6002: <b>M8 x 30 – ½” Nylon spacers - sleeves</b>	GDV4200PZW, 4210, GDV4210PZWGA, 4211, GMP420UG, GMV42UG, JVP042WV74, PD42WV74, PD42WX84: <b>M5 x 16</b> GDV500PZU, GDV501U, 502U: <b>M8 X 30 – ½” nylon spacers – sleeves</b>
<b>Barco</b>	<b>Gateway</b>	<b>LG Electronics</b>
Cineversum 50: <b>M8 x 20</b>	GTWP42M102: <b>M8 x 20, M8 x 35 – ¼” nylon spacers (large)</b> GATEWAY 42: <b>M8 x 30 – ¼” nylon spacers</b> GATEWAY 46: <b>M6 x 20</b> GATEWAY 50: <b>M8 x 30 – ¼” nylon spacers</b>	Flatron MU40PA10B, MU40PA15B: <b>M5 x 20- ¼” nylon spacers</b> Flatron MN42PZ10, MN42PZ11, MU42PZ10, MU42PZ11B, MU42PZ15B: <b>M5 x 20</b> MU50PZ41, MU50PZ90: <b>M5 x 20</b> Flatron MU60PZ10, MU60PZ11B, MU60PZ12B, MU60PZ90V: <b>M8 x 25</b>
<b>BenQ</b>	<b>Helios</b>	<b>Luce</b>
PDP7843E: <b>M6 x 20 – ¼” nylon spacers (small)</b> PDP46W1: <b>M6 X 12</b>	4200: <b>M8 x 20</b>	PDTV4220A: <b>M5 x 25 – ½” nylon spacers</b>
<b>Cornea</b>	<b>Hitachi</b>	<b>Marantz</b>
MP4200, MP4204: <b>M5 x 16</b>	32HDT20, CMP307XJ, CMP307XU, 32HDT20 CMP401HDU, CMP402HDE, CMP402HDU, CMP4120HDU, CMP4121, CMP4121HDU, CMP4201U, CMP4202U, 42HDW10, 42HDT20, 42HDT50, 42HDT55 <b>M6 x 12</b> CMP5000WXU, CMP5003WXU, 50HDT50, 50HDT55: <b>M8 X 20</b>	PD4280D, PD4282D, PD4290D, PD4292D, PD4293: <b>M4 x 20</b> PD4298HD: <b>M6 X 20</b> PD5010D, PD5020, PD5040:
<b>Dream Vision</b>		<b>Max</b>
Revolution One, Revolution Five: <b>M4 x 16</b>		4600, 4600T: <b>M6 x 20</b> 5000: <b>M8 x 30- ½” nylon spacers - sleeves</b>
<b>Dukane</b>		
P37: <b>M6 x 12</b> P42: <b>M6 x 12</b> P50: <b>M8 x 20</b>		
<b>Dwin</b>		
HD50: <b>M8 x 30 – ½” nylon spacers - sleeves</b>		
<b>EIKI</b>		
PLD42XU: <b>M5 x 20 - ¼” nylon spacers (small)</b>		

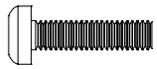
NOTE: If your flat panel display is not listed, go to (page 8) to determine the thread pitch for your flat panel.

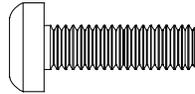
Mitsubishi	Princeton Graphics	Tatung
PD5010HD, PD5030: <b>M4 x 16</b>	AR3.4FTW, AR4.6PDP: <b>M6 x 20</b>	P46T: <b>M6 x 20</b>
Monivision	Rainbow	Toshiba
PWV46AC, PD46W00: <b>M6 x 20</b>	Spectrum 3750: <b>M6 x 20</b>	42HP82: <b>M4 X 16</b> PD42W, PD42W1: <b>M8 X 30 – ½” nylon spacers (large) - sleeves</b> 50HP81: <b>M8 X 30 – ½” nylon spacers (large) - sleeves</b> 50HP82: <b>M4 X 16</b>
NEC	RCA	Trex
4200W, 4210W, M4A, MP2, PX42M3A, 42PD1W, PD2 M5A, M5G, 42MP1, 42PD1, PX42VM1A, PX42VP1A, PX42VP2A, 42MP3, 42PD3, PX42VP3A, 42MP4, 42VP4A, 42MX2: <b>M4 X 16, 5000W, PX50M5A, 50PD1, PX50VP1A, PX50MX1A, 50MP1, 50MP2, 50PD2, 50VP2, 50MP3, 50XM3: M4 X 16</b>	PR42300, PHD42600, PHD50300, PHD50400: <b>M4 X 16</b> PHD50500: <b>M8 X 20</b>	TXP4600: <b>M6 x 20</b>
Norcent	Revox	V-Inc
46WGA850: <b>M6 x 12</b>	E1042: <b>M6 x 20</b> E1050: <b>M8 x 20</b>	Vizio P1, Vizio P4: <b>M6 x 12</b>
Orion	Runco	Vidikron
PM4202: <b>M5 x 16</b>	PL42C, CW42: <b>M4 X 16</b> PL42CXPL50CX: <b>M8 X 30, ½” Nylon spacers – sleeves</b> E1050, PL50C, PL50HDX, CW50MC: <b>M8 X 20</b>	VPW420: <b>M8 X 30, ½” Nylon spacers (large) - sleeves</b>
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: <b>M8 X 30 – ½” Nylon spacers – sleeves</b> TH42PX20U, TH50PX20U: <b>M8 X 70 – 1-1/2” Nylon spacers</b>	PME42S6: <b>M8 x 30 – ¼” nylon spacers (large)</b> PME42F61: <b>M8 x 20, M8 x 35 – ¼” nylon spacers (large)</b> PME50X6: <b>M8 x 30 – ¼” nylon spacers (large)</b>	VPW420: <b>M8 x 30 – ½” nylon spacers - sleeves</b> VPW425: <b>M8 x 30 – ¼” nylon spacers (large)</b> VPW450HD: <b>M8 x 30 – ¼” nylon spacers (large)</b> VPW500: <b>M8 X 20</b> VPW505: <b>M8 x 30 – ¼” nylon spacers (large)</b>
Philips	Samsung	Yamaha
42FD9934, 42FD9952, 42FD9954, 42PH9555, 42FD9935: <b>M5 x 25 ½” Nylon spacers</b> BDS4611: <b>M6 x 20</b> 50FD9934/17S: <b>M4 X 16</b>	PPM42S2, PPM42S3, SPL4225K, SPN4235, SPN4239: <b>M8 x 25 – ½” nylon spacers</b> SPK4215M, PK42P2S: <b>M8 x 25 – ½” nylon spacers</b> PPM50H2, HPL5025K: <b>M8 x 30 – ½” Nylon spacers - sleeves</b> PPM50H3, HPN5039: <b>M8 x 25 – ½” nylon spacers</b>	PDM1: <b>M8 x 30 – ½” nylon spacers - sleeves</b>
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: <b>M8 X 20</b>	PDP421A: <b>M5 x 20 - ¼” nylon spacer (small)</b> PDP42H1NA: <b>M5 x 20 - ¼” nylon spacer (small)</b>	DPDP40W, P40V22, DPDP40V, P40V24: <b>M5 x 20 – ¼” nylon spacers (small)</b> P42W22, P42W22B, P42W24P, P42W34P: <b>P40V24: M5 x 20 – ¼” nylon spacers (small)</b> P50W26, P50W28, P50W38: <b>M5 x 16</b>
Planar	Sharp	<b>NOTE: If your flat panel display is not listed, go to (page 8) to determine the thread pitch for your flat panel.</b>
42N: <b>M4 x 16</b> 50P: <b>M8 x 20</b>	PZ42H2U, PZ43HV2U, PD50U, PZ50HV2U: <b>M8 X 20</b>	
	SONY	
	PFM42B1, PFM42B2: <b>M6 x 20 - 5/16” flat washers</b> PFM-42V1, PFM-42V2: <b>M6 x 20” - 5/16” flat washers</b> PFM50C1: <b>M5 x 20 - 5/16” flat washers</b> KE-42XBR900: <b>M5 x 20 - 5/16” flat washers</b> KE50XBR900: <b>M5 x 20 - 5/16” flat washers</b> KE42XS910: <b>M5 x 20 - 5/16” flat washers</b> KDE61XBR950: <b>M5 x 20 - 5/16” flat washers</b>	
	SVA	
	HD4208TIII: <b>M6 x 20 - ¼” nylon spacers</b>	

## Parts list

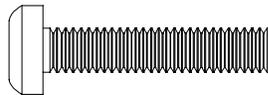
NOTE: This wall mount is shipped with all proper installation hardware and components. Make sure that none of these parts are missing before beginning installation. If there are parts missing stop the installation and contact Premier Mounts.

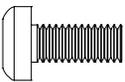
### Actual screw size

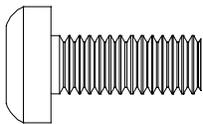
M4 x 16  (Qty 8)

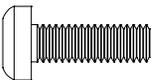
M6 x 20  (Qty 6)

M4 x 25  (Qty 4)

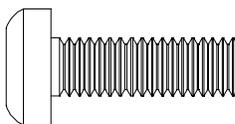
M6 x 30  (Qty 2)

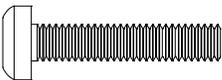
M5 x 12  (Qty 8)

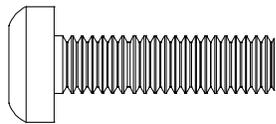
M8 x 20  (Qty 6)

M5 x 16  (Qty 6)

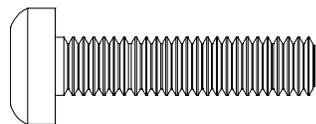
M5 x 20  (Qty 6)

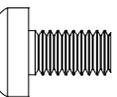
M8 x 25  (Qty 6)

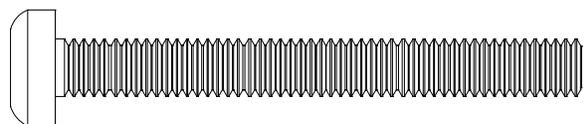
M5 x 25  (Qty 4)

M8 x 30  (Qty 6)

M5 x 50  (Qty 4)

M8 x 35  (Qty 4)

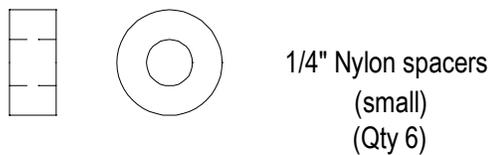
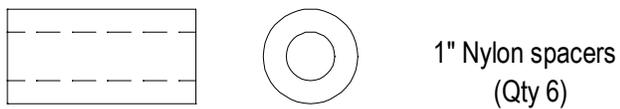
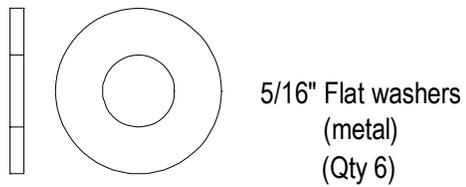
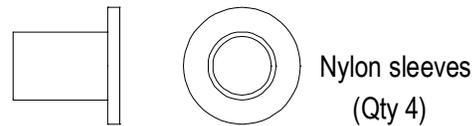
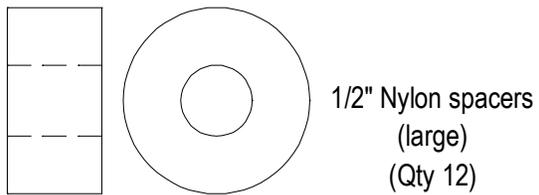
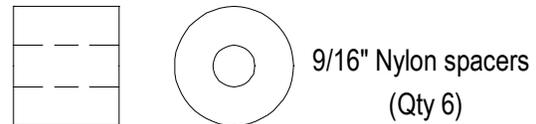
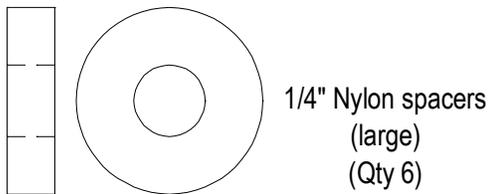
M6 x 12  (Qty 8)

M8 x 70  (Qty 4)

## Parts list (con't)

Nylon spacers and flat washers  
actual size

NOTE: The nylon spacers may be staked to achieve proper spacing.



## 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. 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.

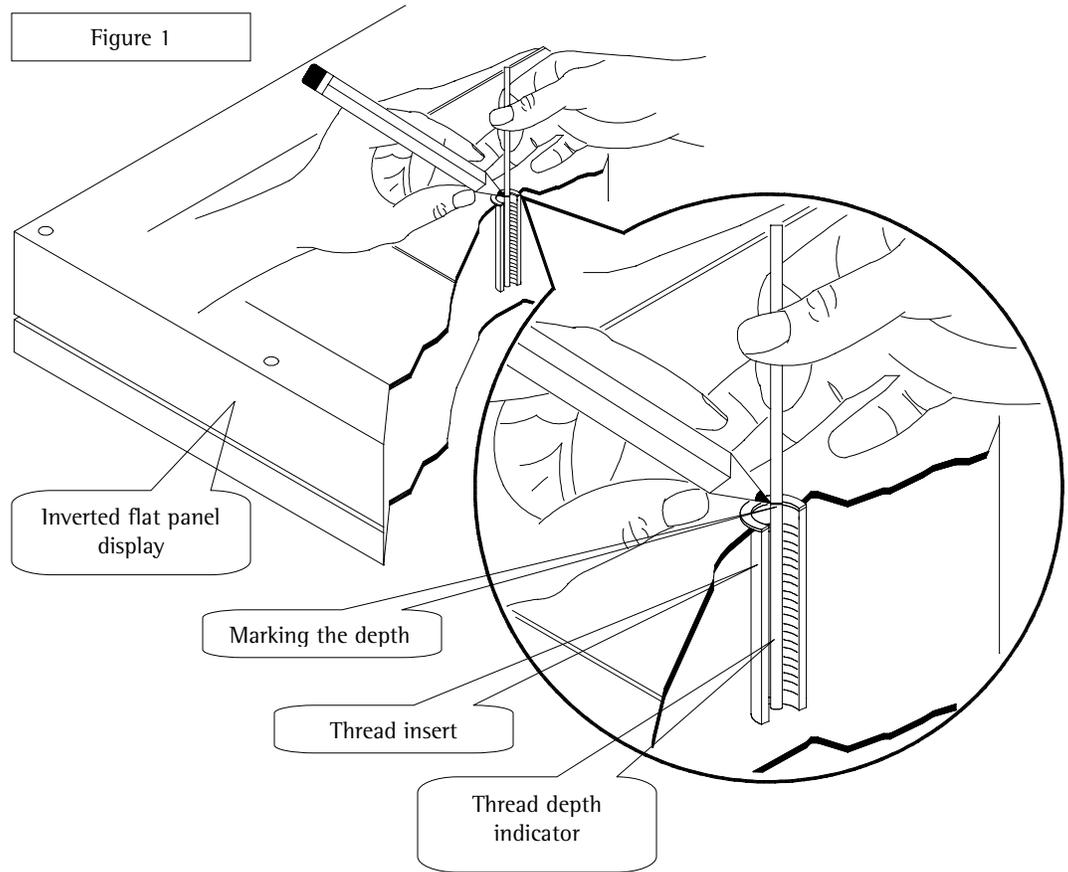


Figure 2

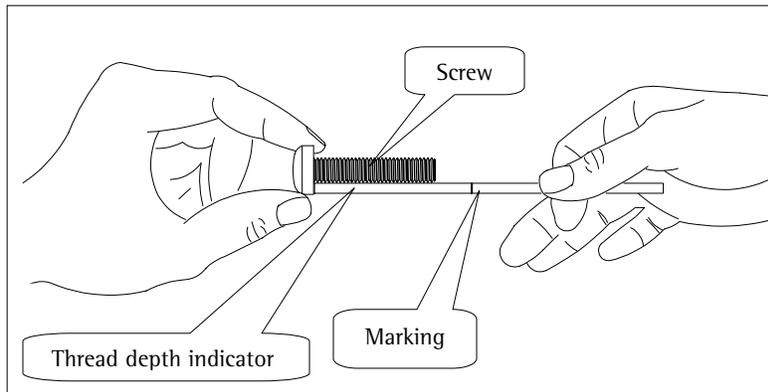
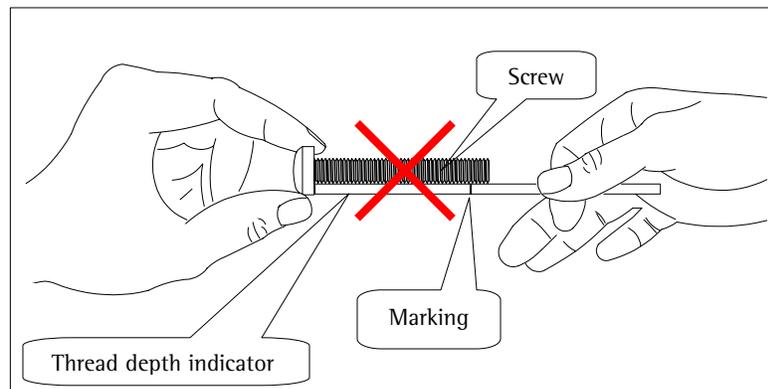


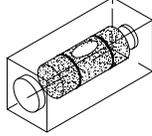
Figure 3



## 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.

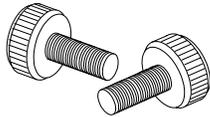
Level (1)



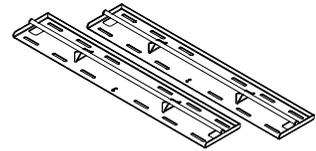
Griplates™ (8)



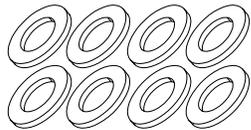
M6 x 12 Safety knobs (2)



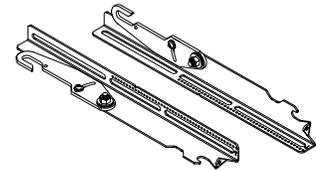
Wall plates (2)



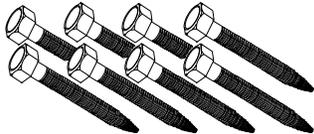
5/16" flat washers (8)



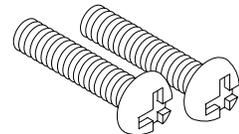
Mounting brackets  
(left & right)



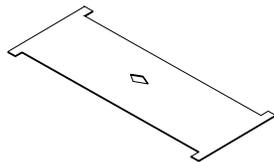
5/16" x 3" Lag bolts (8)  
(used on wood studs  
only)



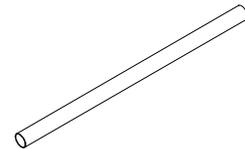
M6 x 30 Lateral shift  
locking screws (2)



Template (1)



Thread depth  
indicator (1)



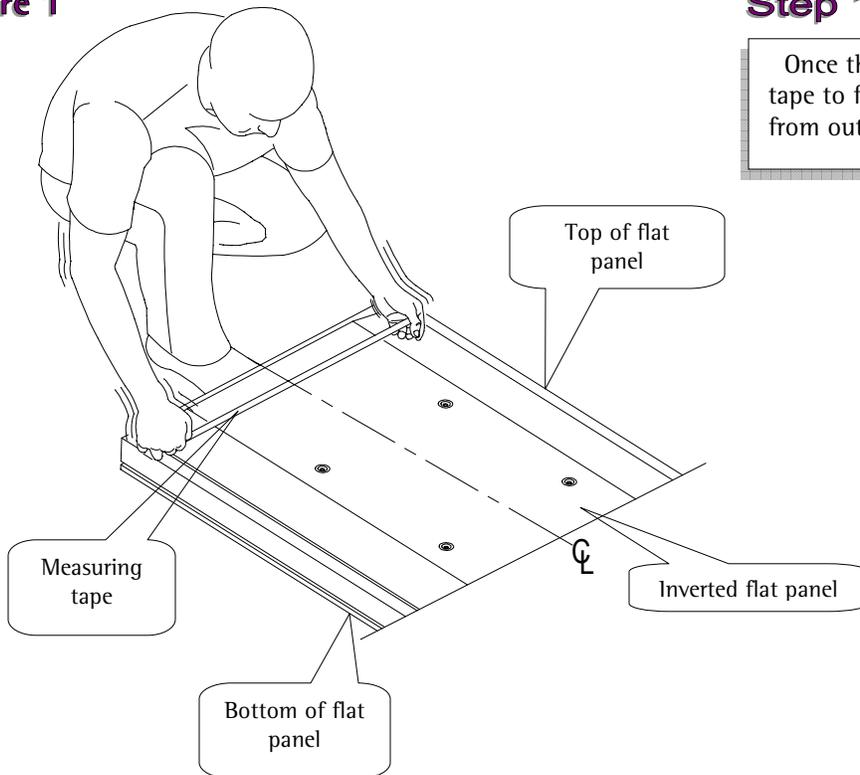
## Finding center of the flat panel display

**WARNING** : 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.

### WARNING!

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**

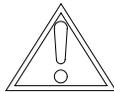


**Step 1**

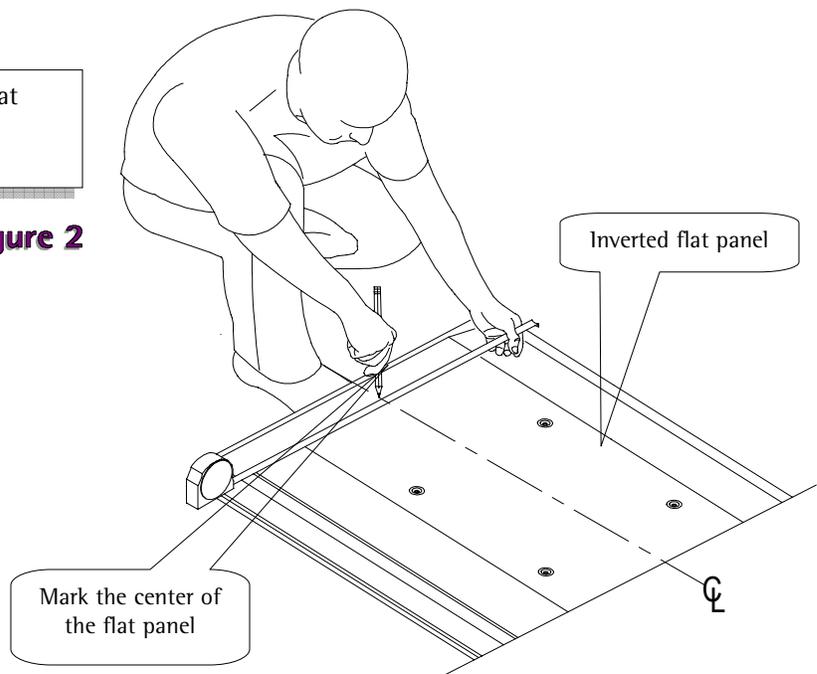
Once the flat panel is inverted, use a measuring tape to find the center of your flat panel measuring from outside to outside of the chassis. See figure 1.

**Step 2**

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

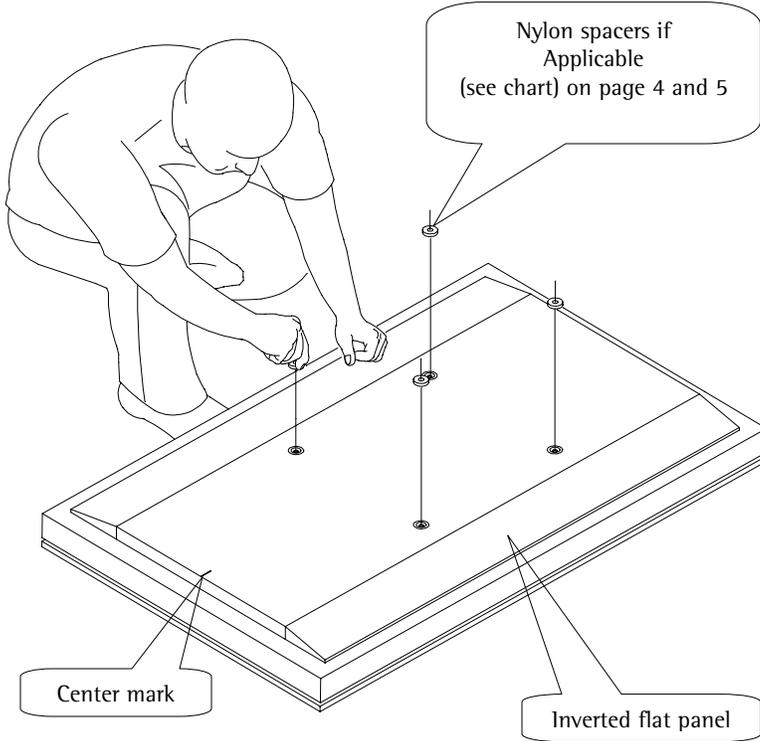


**Figure 2**



## Positioning the mounting brackets

**Figure 3**

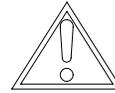


**Step 3**

**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).

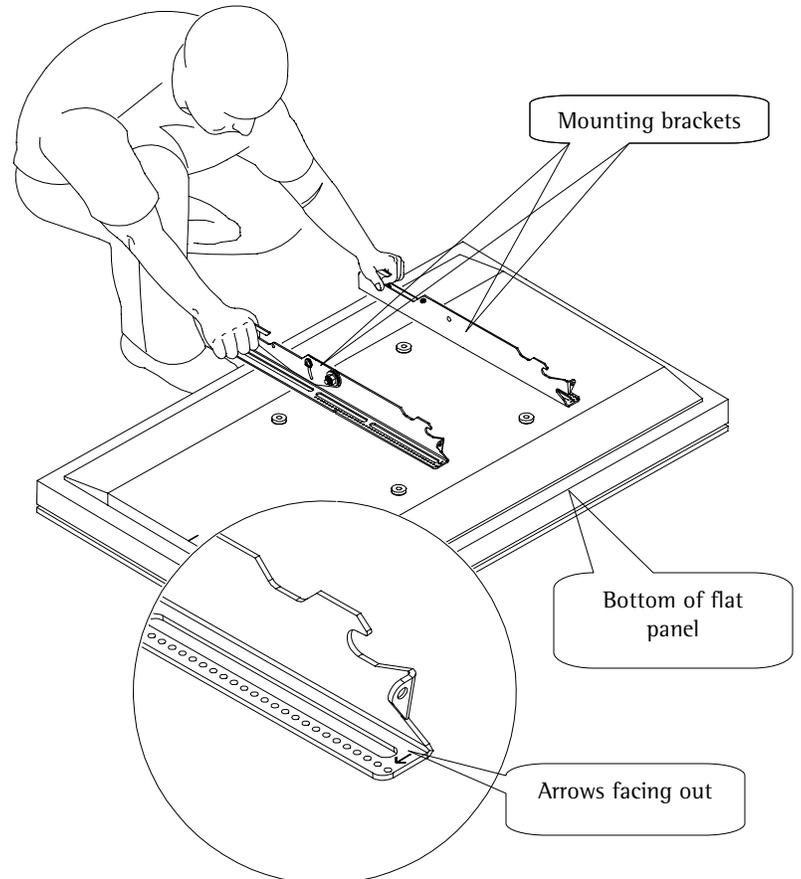


**Step 4**

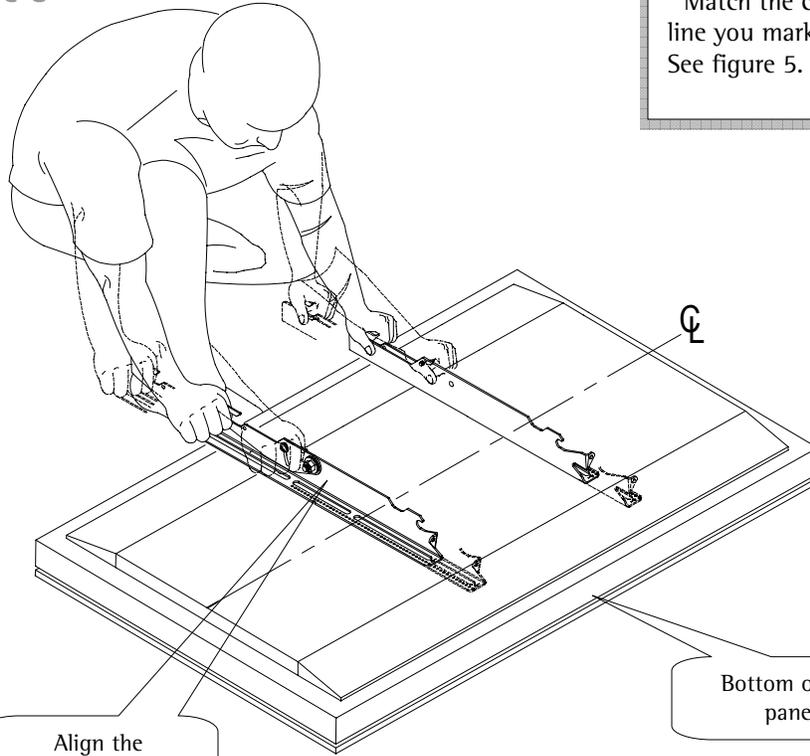
Lay the left and right mounting brackets (stamped arrows facing out). See figure 4.



**Figure 4**

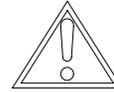


**Figure 5**



**Step 5**

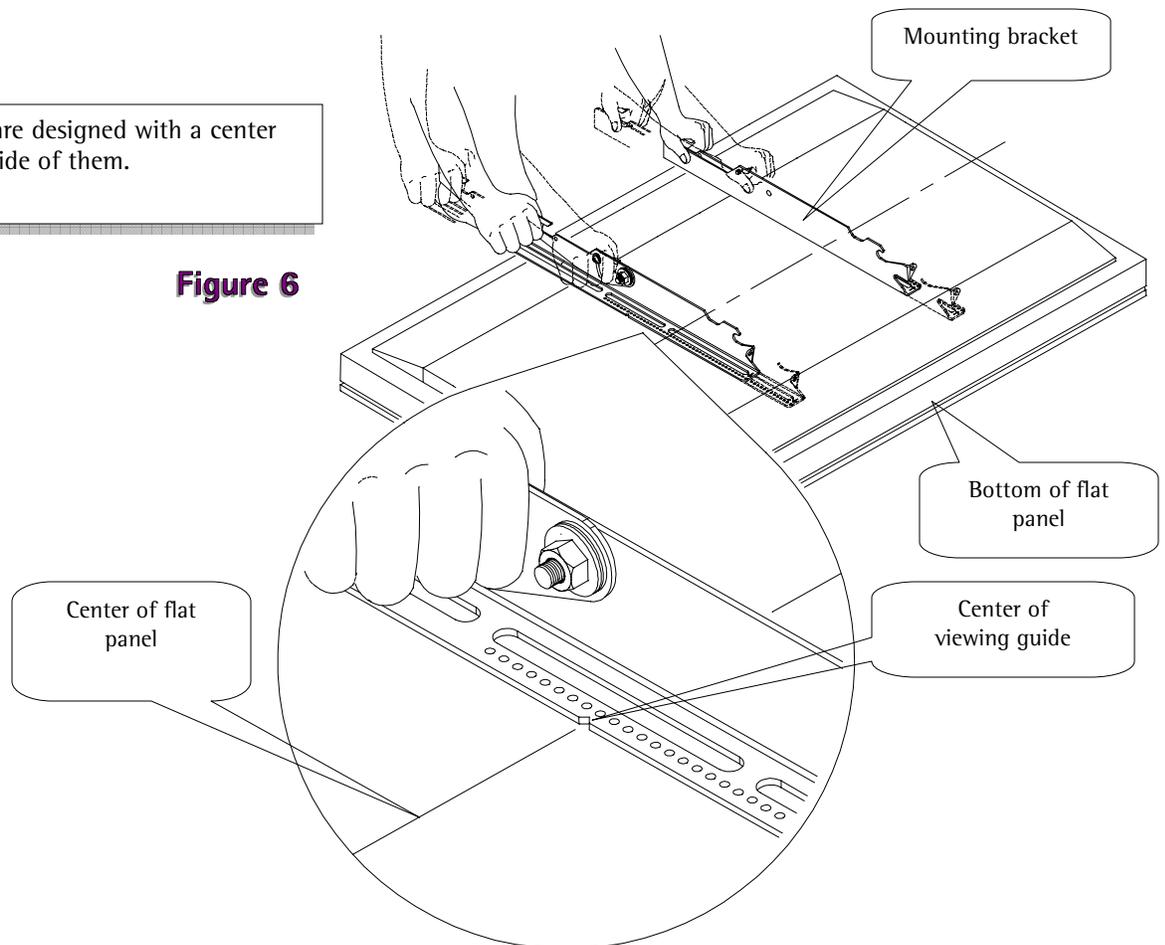
Match the center of viewing guide with the center line you marked in step 1. See figure 5.



**Step 6**

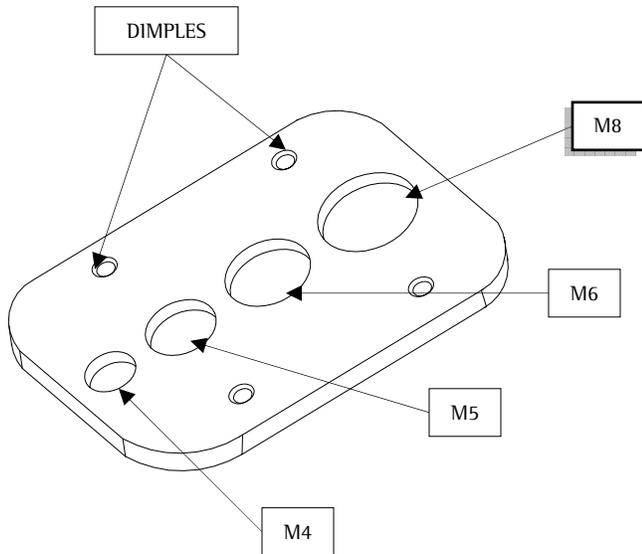
The mounting brackets are designed with a center of viewing guide on the side of them. See figure 6.

**Figure 6**



## Securing the mounting brackets

**Figure 7**



### Step 7

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

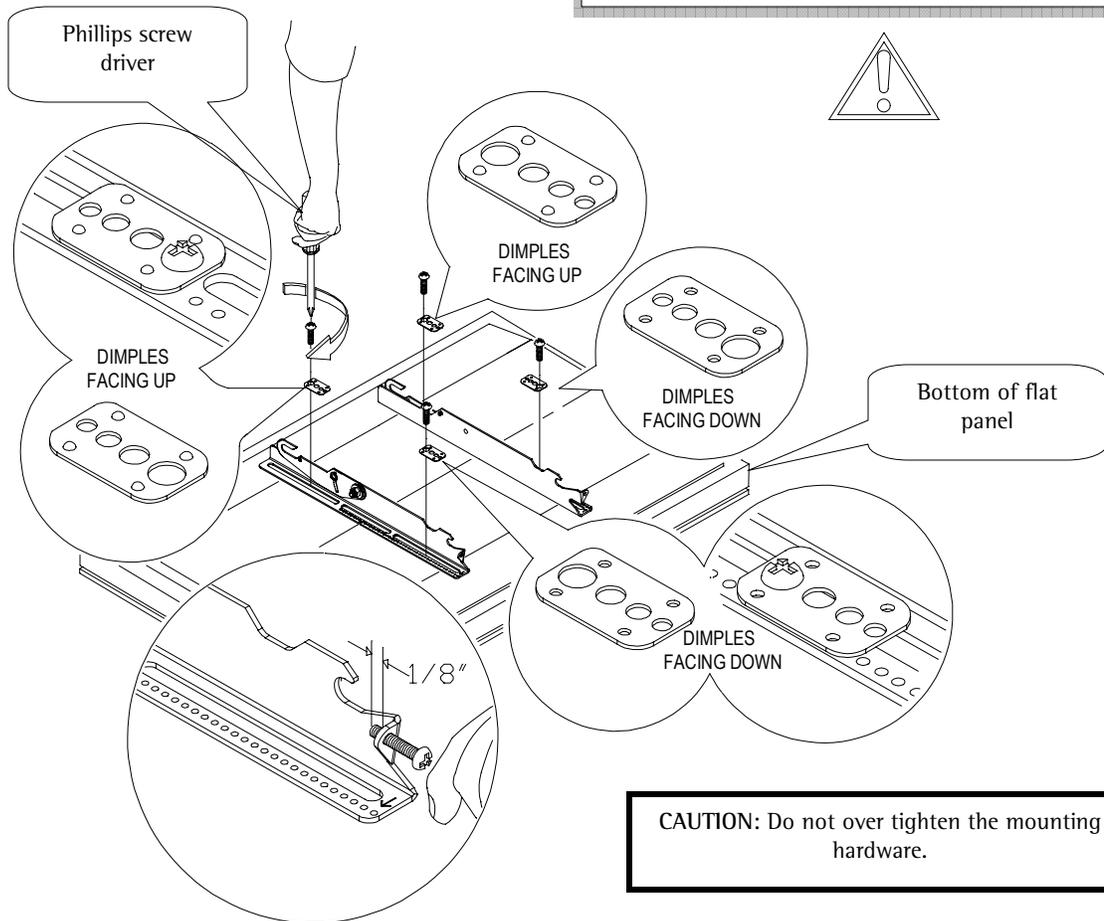
**EXAMPLE:** If your plasma uses M8 x 20 Phillip screws. Use the M8 mounting points. See figure 7

### Step 8

Pre install two (2) M6 x 30 (mm) Phillip pan screws to the bottom of the left and right hand side mounting brackets. 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**

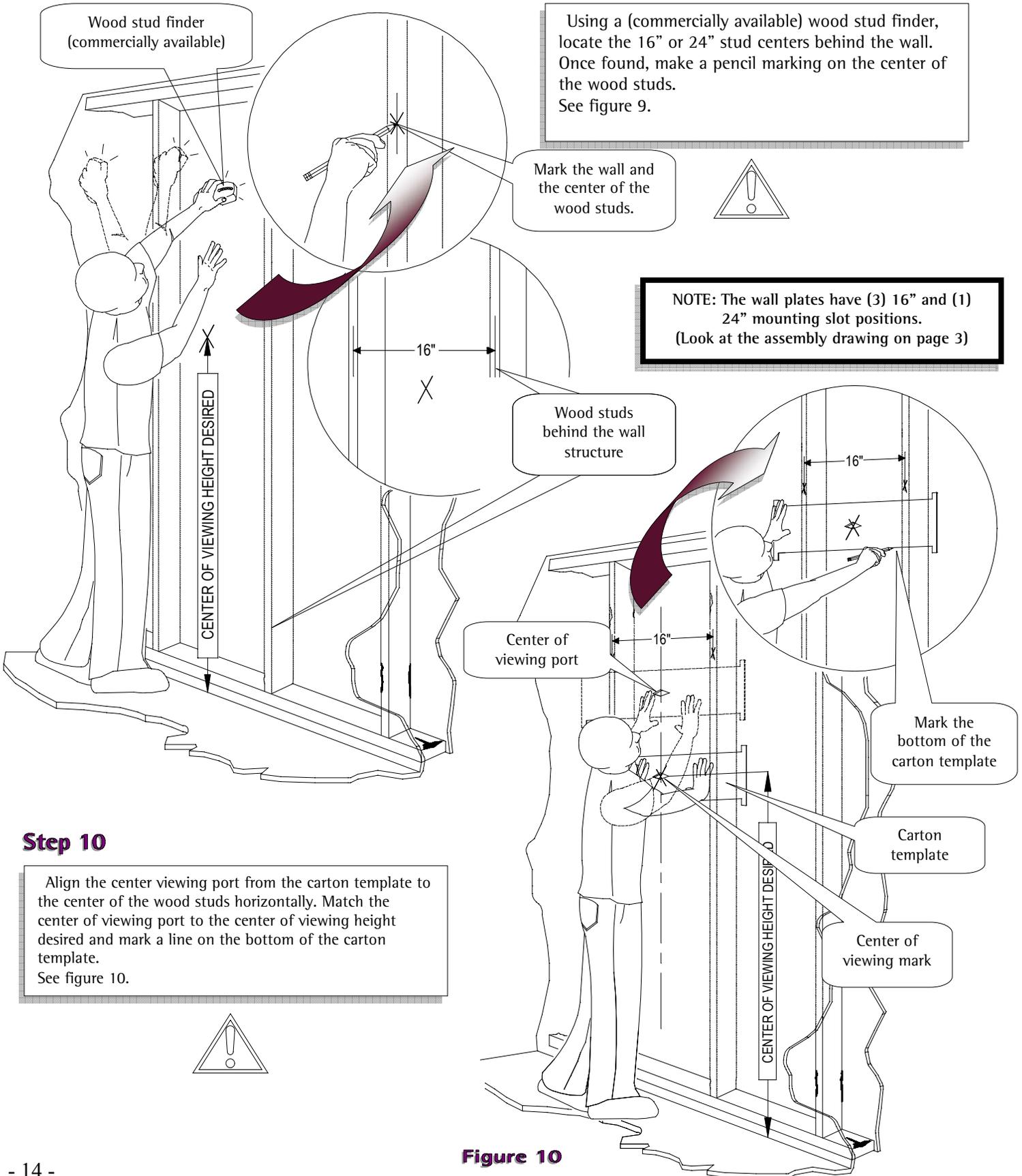


**CAUTION:** Do not over tighten the mounting hardware.

**NOTE:** Secure the two (2) M6 x 30 Phillip pan screws to the left and right mounting bracket.

# Finding the wood studs behind the wall structure

**Figure 9**



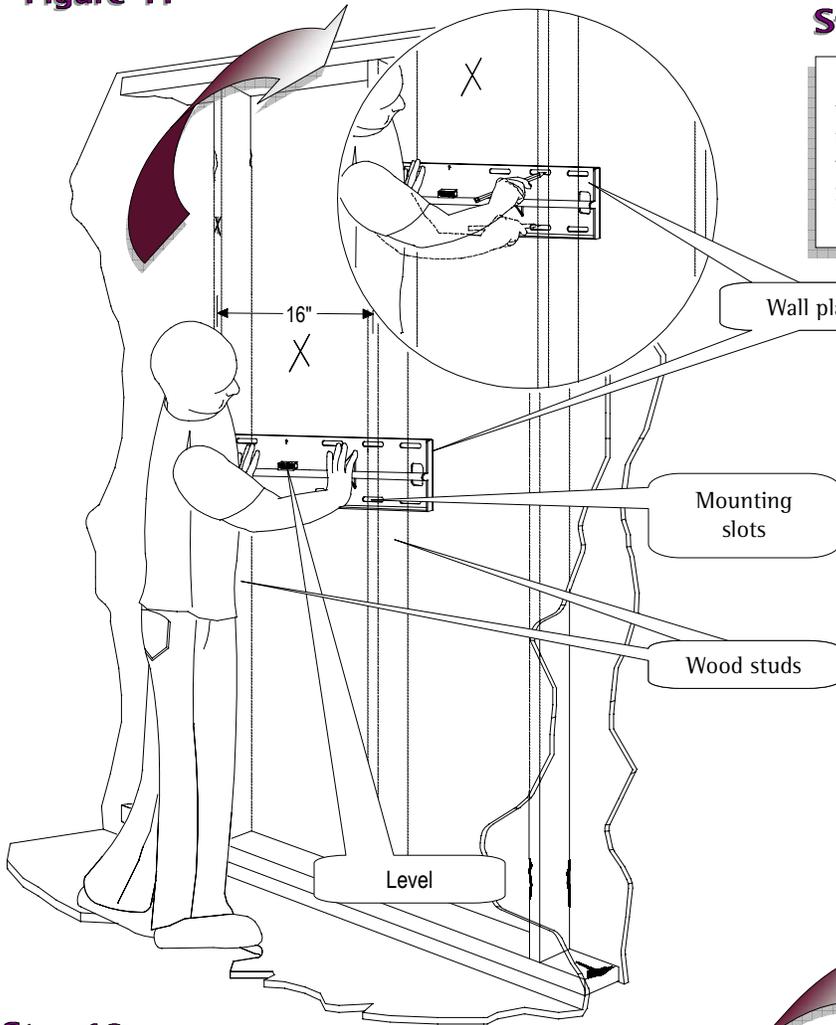
**Step 10**

Align the center viewing port from the carton template to the center of the wood studs horizontally. Match the center of viewing port to the center of viewing height desired and mark a line on the bottom of the carton template. See figure 10.

**Figure 10**

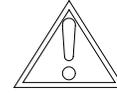
# Marking the bottom plate mounting points

**Figure 11**



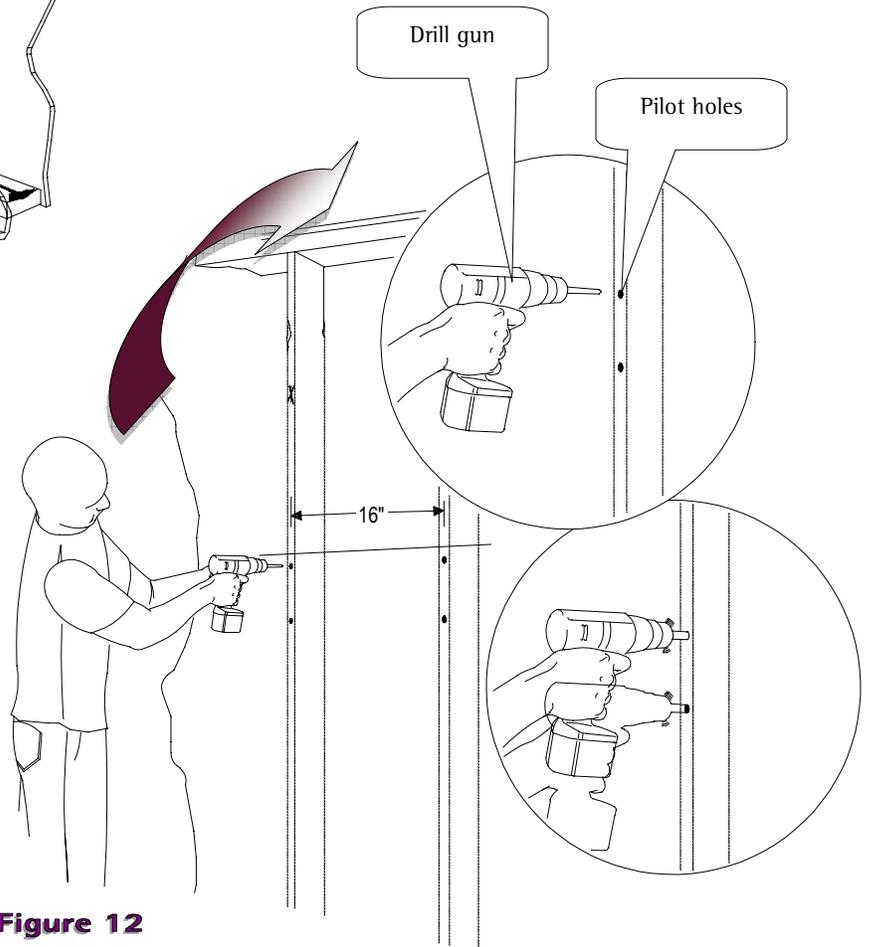
## Step 11

Place the upper portion of the bottom 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

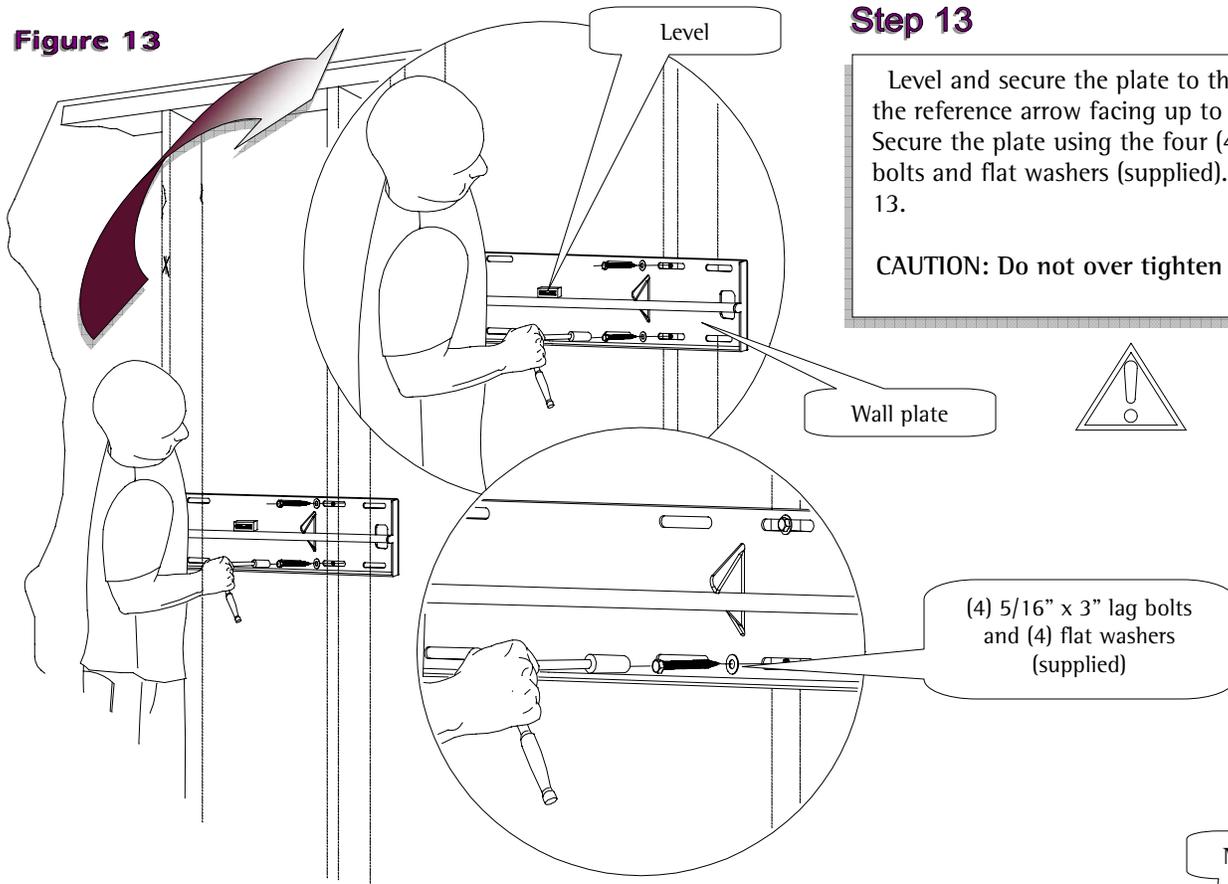
Drill four (4) 1/4" pilot holes to the marked wall. See figure 12.



**Figure 12**

## Securing the bottom wall plate

**Figure 13**



### Step 13

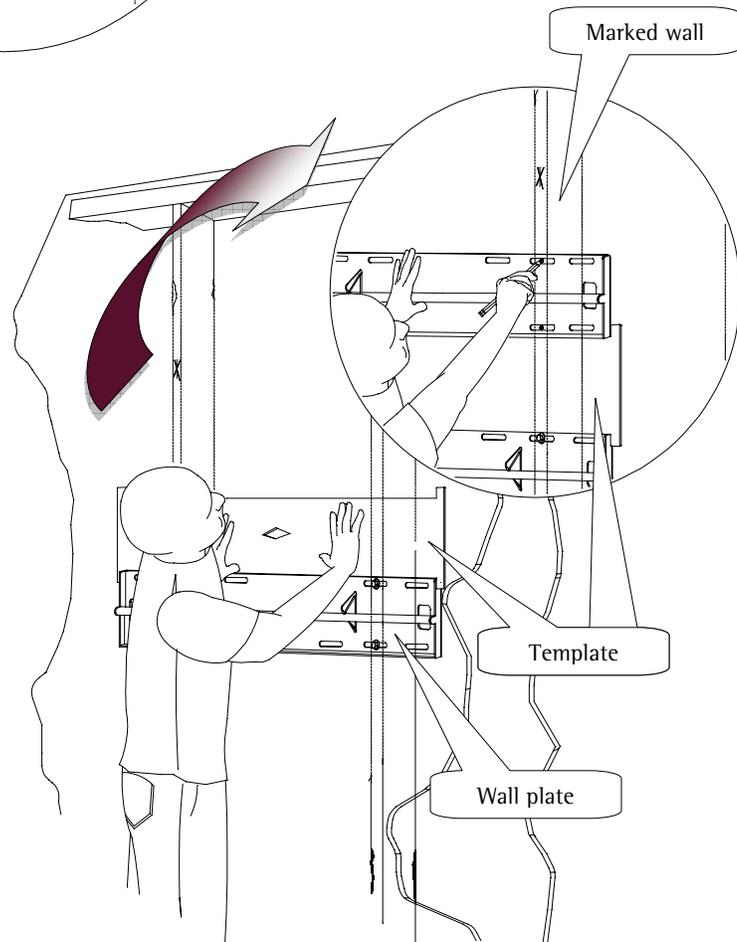
Level and secure the plate to the wall with the reference arrow facing up to the ceiling. Secure the plate using the four (4) 5/16" lag bolts and flat washers (supplied). See figure 13.

**CAUTION:** Do not over tighten the lag bolts.

### Step 14

When the bottom wall plate is properly installed to the wall. Lay the carton template on top of the wall plate. Lay the top wall plate on top of the cardboard template and mark the four (4) lag bolt mounting points. See figure 14.

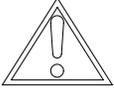
**Figure 14**



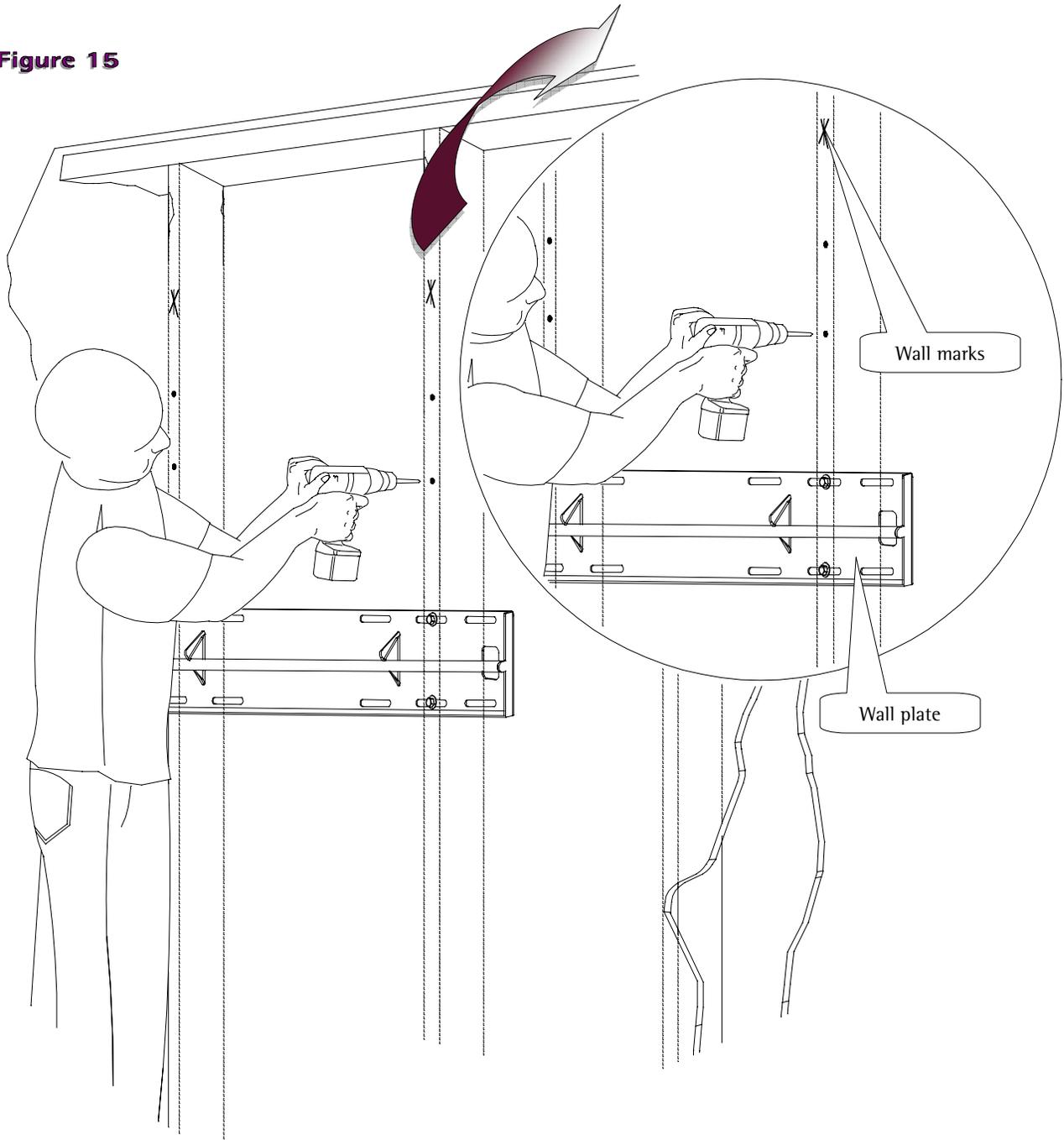
## Securing the top plate

### Step 15

Drill four (4) 1/4" pilot holes to the marked wall. See figure 15.



**Figure 15**



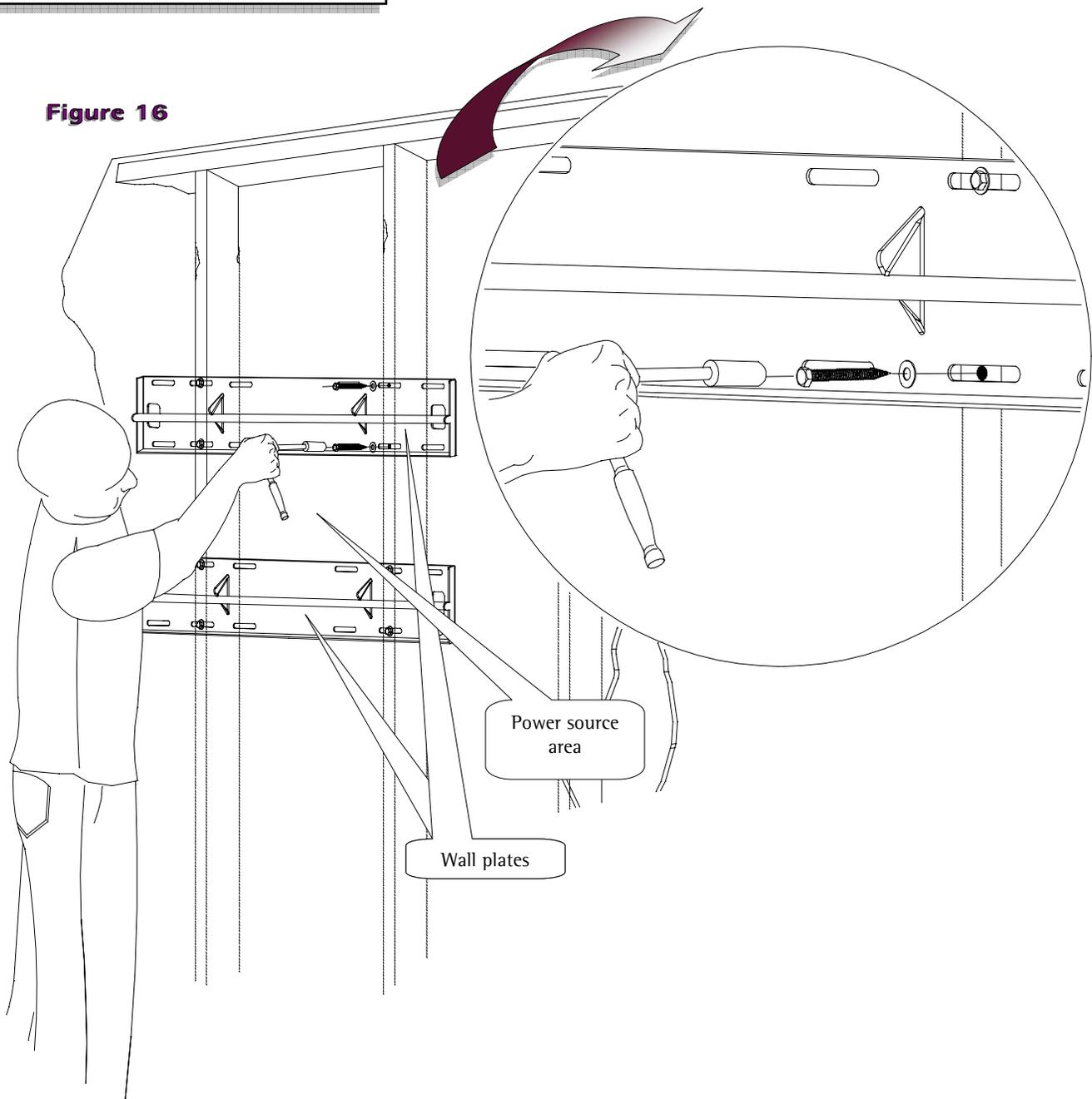
## Step 16

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 16

**CAUTION:** Do not over tighten the lag bolts.

**NOTE:** CHECK THE MOUNT FOR PROPER TIGHTNESS AND SECURITY.

**Figure 16**

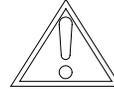


## Securing the flat panel to the wall mount

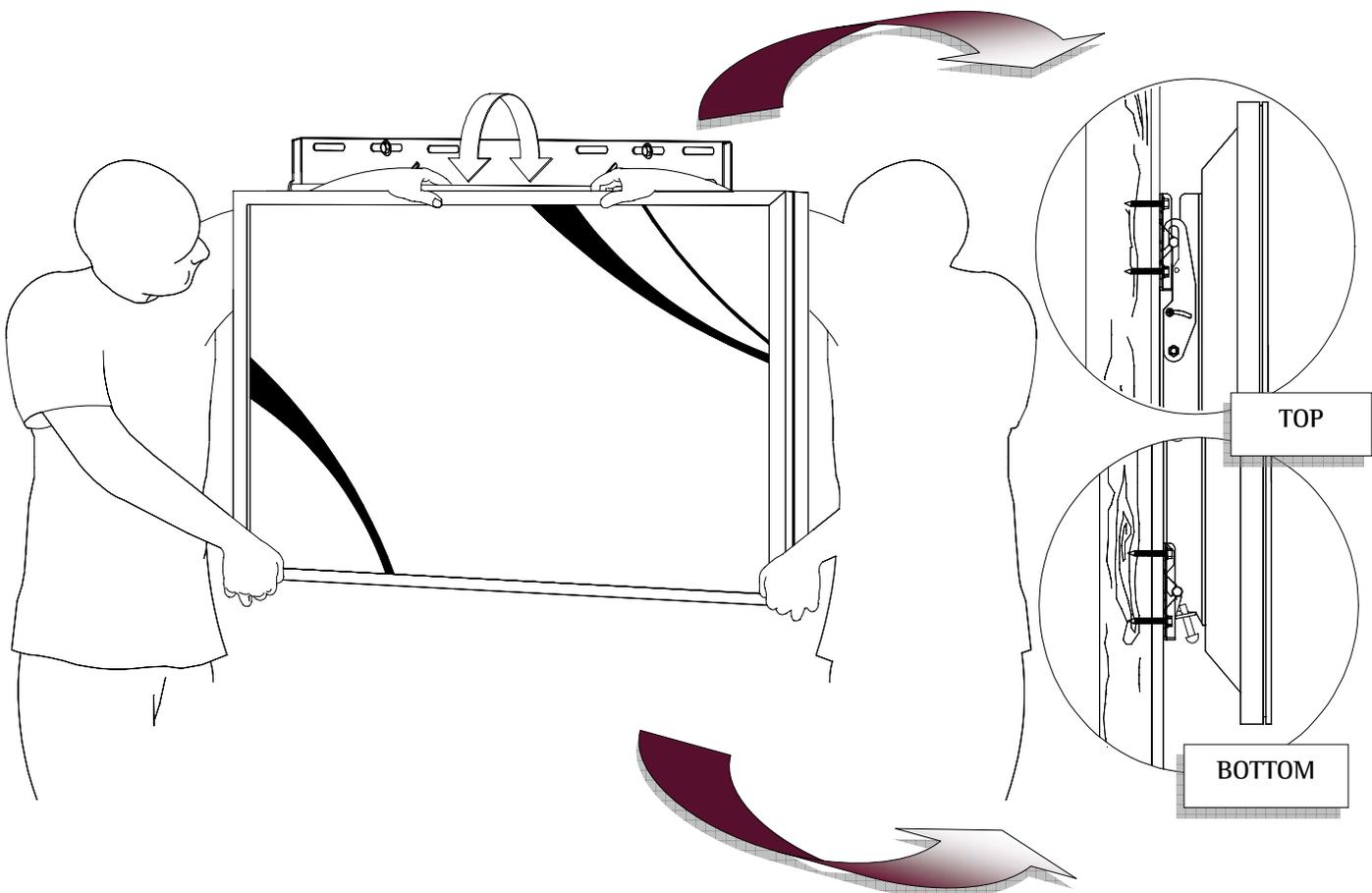
WARNING: AT LEAST (2) QUALIFIED PERSONNEL ARE STRONGLY RECOMMENDED FOR INSTALLATION OF THIS PRODUCT. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY AND POSSIBLE DAMAGE TO THE FLAT PANEL.

### Step 17

Raise the flat panel with the LEFT and RIGHT mounting brackets secured to the flat panel and insert the top and bottom hooks from each bracket to the rods from the wall plates. See figure 17.



**Figure 17**



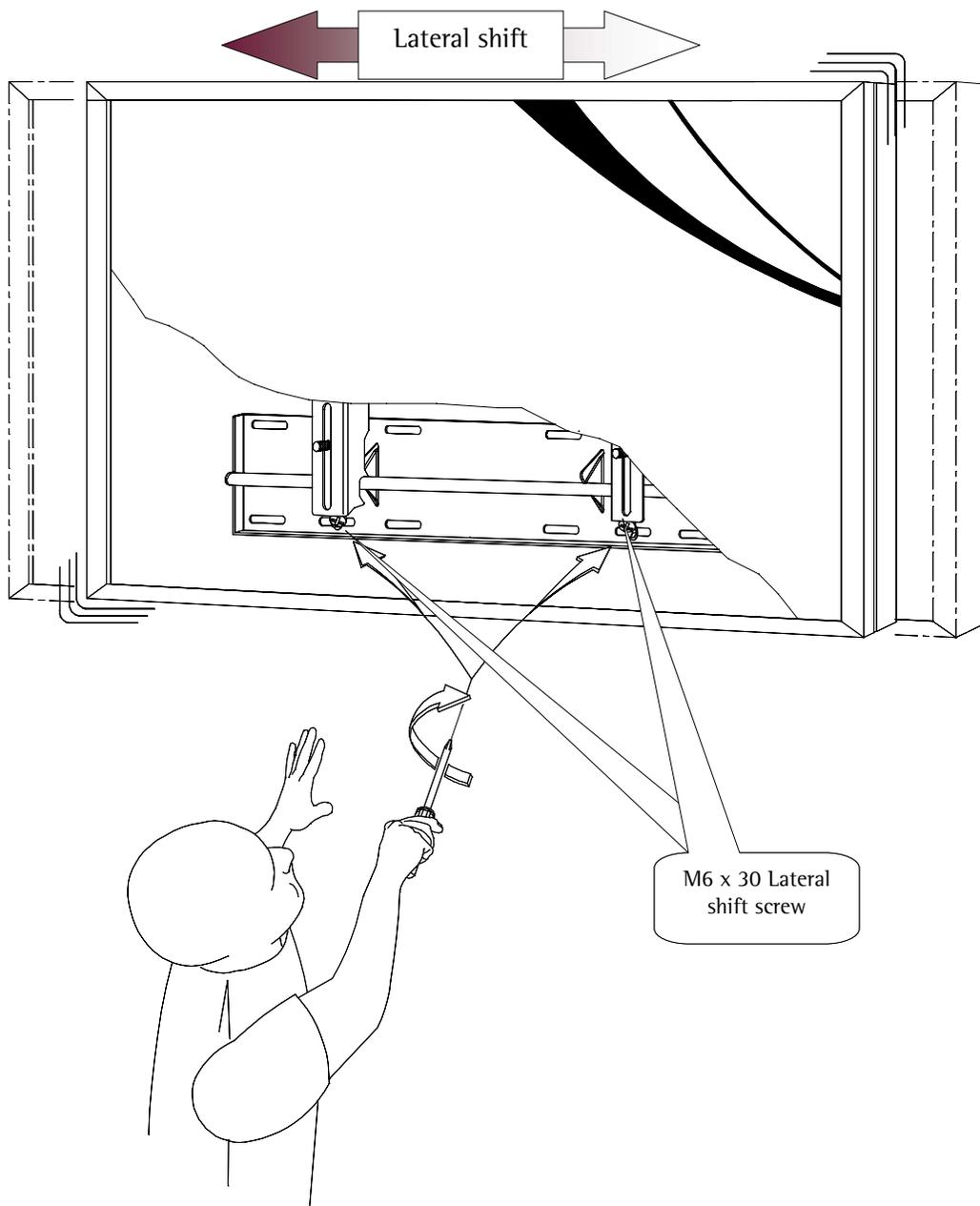
## Step 18

Make any lateral shift adjustment and lock it by tightening the two (2) M6 x 30 (mm) Phillips screws found on the bottom of the mounting brackets.

**CAUTION:** Do not over tighten the M6 screws to the rods.

See figure 18

**Figure 18**



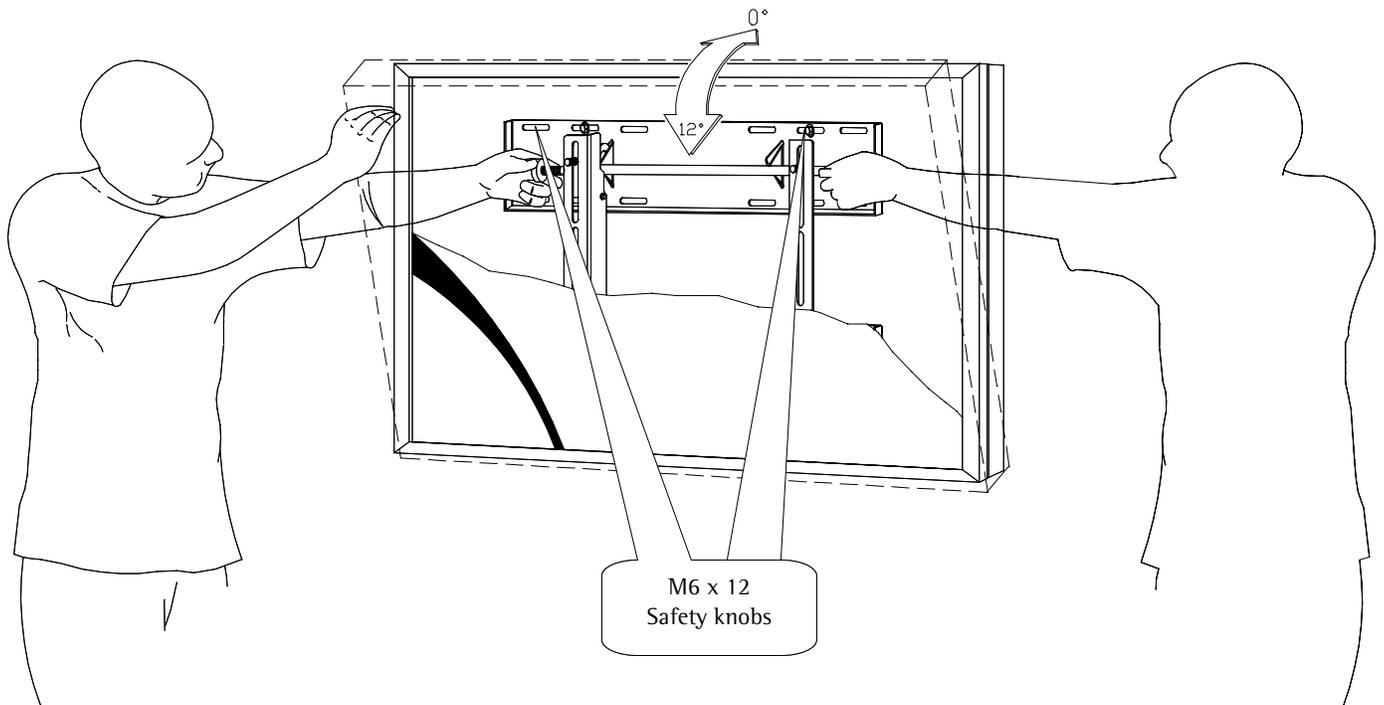
## Lateral shift adjustment

### Step 19

Tilt the flat panel and secure the two (2) M6 x 12 (mm) safety knobs to each of the mounting brackets. See figure 19.



**Figure 19**



**NOTE:** To remove the display from the wall simply extend the display to its maximum tilt range, remove the two 6 (mm) safety knurl knobs push the flat panel back to it's flat position loosen or remove the two (2) M6 x 30 lateral shift screws and lift the unit of the wall.



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