

XXXX

刀模线:

内折线: 

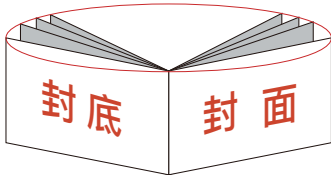
展开尺寸图:

297mm



105mm

装订效果图:



技术要求:

- 1、材质: 105g 铜板纸
- 2、展开尺寸: 297x105mm, 如图所示折叠成型为A6, 28P
- 3、颜色: 单色
- 4、印刷: 印刷图档见后续页, 双面印刷
- 5、装订方式: 骑马订

符号标识

图例说明

 无特殊尺寸 编号 比例 除所有利边, 尖点, 毛刺

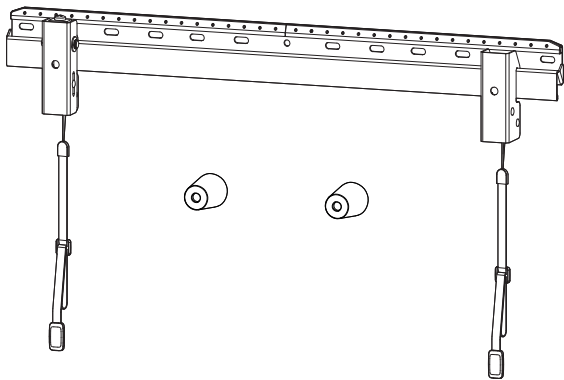
未经倍思奇的书面许可, 不得复制部分或全部内容, 违者本公司保留追究法律责任的权利。					名 称 图号 材料 规格	ERMILL1-01B -Manual(A6单英U/L同册) -JY	PLM 号	860-02750-00	
							投影法	第一角投影法	
									
							版 本	重量G	比例
除非另有说明	标记	处数	ECO#	发行时间			00		1:1
	设计			P M			共1页		第1页
	绘图	Max	日期	2024.05.30					
	审 批	Lily	日期				倍思奇创新科技 (深圳) 股份有限公司		
	除去所有利边, 尖点, 毛刺								



## Large Fixed TV Mount Instruction Manual

**ERMLL1**

Rev00



### Thank you for choosing ErgoAV!

At ErgoAV, our goal is to add value to your AV experience by providing the highest quality products and services in the industry. We offer a 5-year warranty. If you have any questions or concerns, please contact us.



ErgoAV



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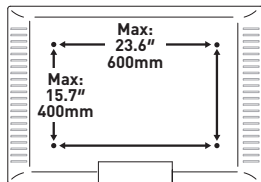


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# BEFORE GETTING STARTED, LET'S MAKE SURE THIS MOUNT IS COMPATIBLE

1

Check VESA  
Pattern  
Compatibility



## Compatible VESA Patterns:

100 x 100mm	200 x 200mm	200 x 400mm	400 x 300mm
200 x 100mm	200 x 300mm	300 x 200mm	400 x 400mm
<b>Maximum/Minimum:</b>		300 x 300mm	500 x 400mm
600 x 400mm (23.6 x 15.7")		400 x 200mm	600 x 400mm
100 x 100mm (3.9 x 3.9")			

If this mount is not compatible, please contact product support.

2

Check Max  
Load



If your TV weighs more,  
this mount is NOT compatible.

## Wood Studs / Concrete / Concrete Block Walls:

135 lbs (61kg)

Drywall:

100 lbs (45kg)

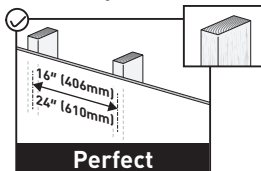
## ⚠ WARNING

DO NOT exceed the Max Load. Use with products heavier than the Max Load may result in failure of the mount and its accessories, causing possible damage and/or injury.

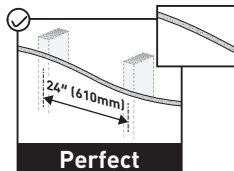
3

Verify  
Wall Type

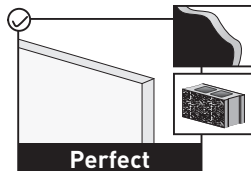
## Wood Studs (with Drywall)



## Drywall



## Concrete and Concrete Block Walls





Electric Drill



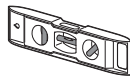
Pencil



Phillips Screwdriver



Tape Measure



Level



7/16" (11mm) Socket Wrench

Tools Needed  
(not included)**For Wood Stud Walls**

Stud Finder



Awl



5/32" (4mm) Wood Drill Bit

**For Drywall**

Hammer

**For Concrete and Concrete Block Walls**

Hammer



3/8" (10mm) Concrete Drill Bit

Important  
Safety  
Information

**⚠ DANGER:** Please carefully read all instructions before attempting installation. If you DO NOT understand the instructions or have any questions or concerns, please call technical support or email customer service.

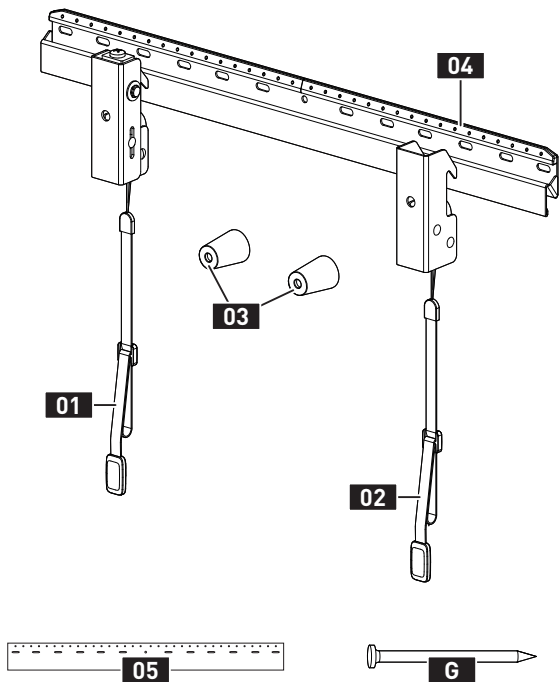
**⚠ CAUTION:** Avoid the risk of personal injury and property damage!

**⚠ WARNING:** All fasteners must be firmly tightened!

- This mount can only be installed on wood studs, drywall, concrete and concrete block walls.
- The wall must be capable of supporting four times the weight of the TV and mount combined.
- This product contains small parts that may pose a choking hazard.
- DO NOT use this product for any purpose that is NOT explicitly specified in this manual. DO NOT exceed the maximum weight capacity. We are not liable for damage or injury caused by incorrect assembly, improper mounting, or inappropriate use.
- Use this mounting system only for its intended purpose as described in these instructions. DO NOT use attachments not recommended by the manufacturer.
- DO NOT use outdoors.
- Route cords and cables properly to avoid mechanical damage.

**SAVE THESE INSTRUCTIONS**





**01** Adjustable TV Bracket

**02** TV Bracket

**03** Bumper

**04** Wall Plate

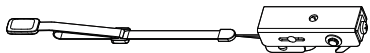
**05** Wall Plate Template

**G** Steel Nail

## INSTALLATION

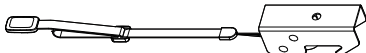
### Supplied Parts and Hardware for Step 1

Not all hardware included in this package will be used.



Adjustable TV Bracket

**01** x 1



TV Bracket

**02** x 1



Bumper

**03** x 2



M4/M5  
Washer

**B1** x 4



M6/M8  
Washer

**B2** x 4



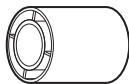
L2.5mm  
Spacer

**F1** x 8



L10mm  
Spacer

**F2** x 4



L22mm  
Spacer

**F3** x 4

## M4



M4 x 12mm  
TV Bolt  
**C1** x 4



M4 x 30mm  
TV Bolt  
**C2** x 4

---

## M6



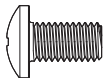
M6 x 15mm  
TV Bolt  
**D1** x 4



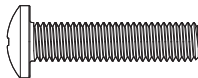
M6 x 35mm  
TV Bolt  
**D2** x 4

---

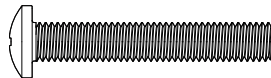
## M8



M8 x 15mm  
TV Bolt  
**E1** x 4



M8 x 35mm  
TV Bolt  
**E2** x 4

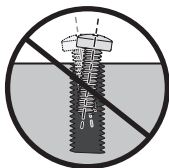
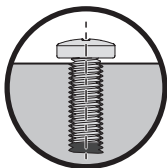
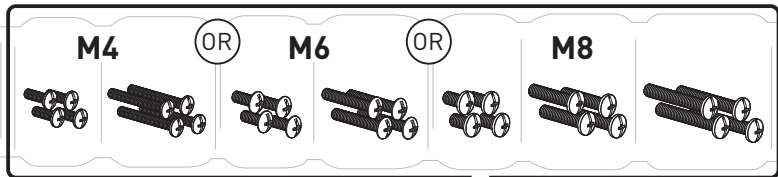


M8 x 50mm  
TV Bolt  
**E3** x 4

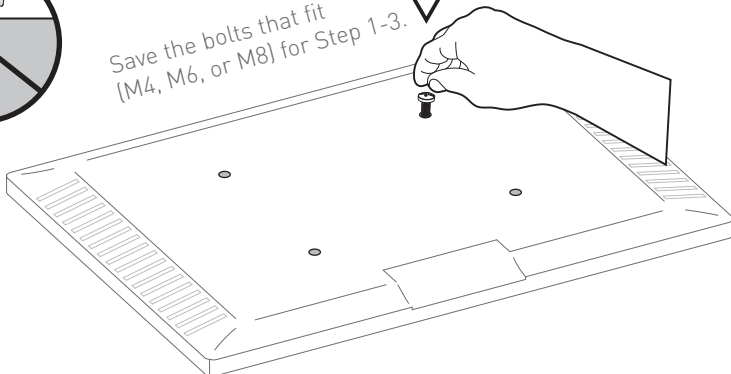
## STEP 1 Attach the TV Brackets to Your TV

### 1-1 Select TV Bolts

The correct bolt diameter will thread smoothly into your TV.

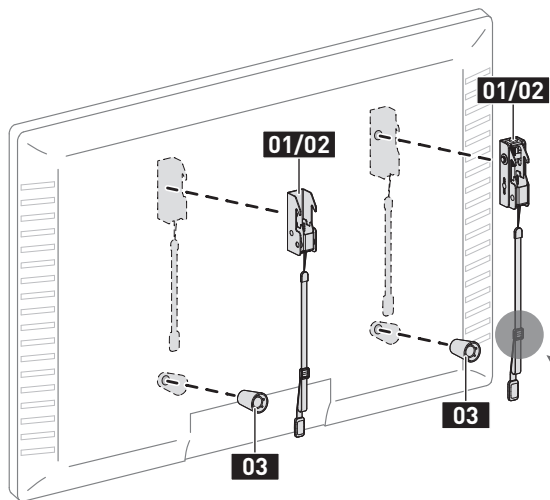


Save the bolts that fit  
(M4, M6, or M8) for Step 1-3.

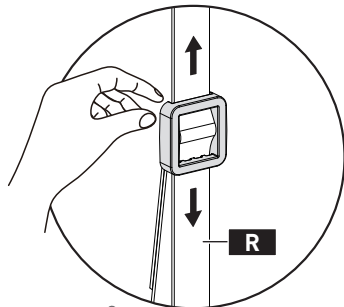


The depth of the top and bottom holes may differ.

## 1-2 Position the TV Brackets



**Note:** Brackets **01** and **02** can be placed on either side according to your preference.



**Note:** If cords **R** are blocked by the TV, adjust the slider buckles to make them longer.

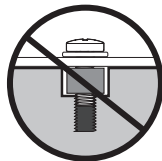
## 1-3 Secure the TV Brackets

For Flat-Back TV, go to Option A on page 10.

For Bump, Curved TV, Recessed Holes and Cables, go to Option B on page 11 to 12.

### WARNING:

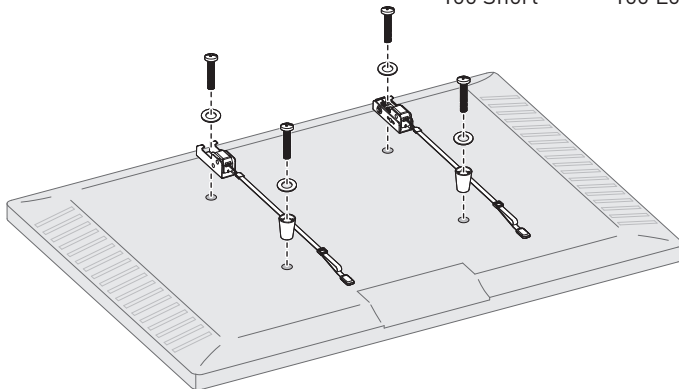
- DO NOT turn the bolt past the bottom of the hole.
- If the bolt is too short, it may not adequately support the TV.
- If the bolt is too long, it could damage the TV.
- At least 4–5 turns into the threading is required.
- **The depth of the bottom holes may be different from the top holes.**



Too Short



Too Long

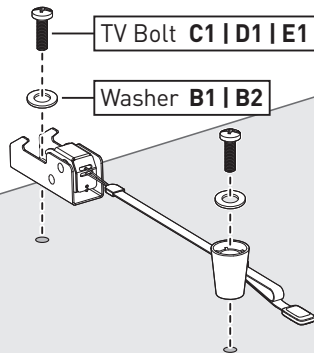


## Option A

Use **short** TV bolts with washers.



### Flat-Back TV



**Go to Step 2 on Page 13**

## Option B

Use **long** TV bolts with washers and spacers to create extra space between the TV and brackets.



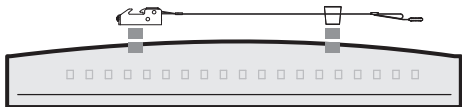
### Bump



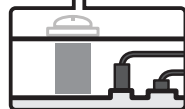
### TV with Mounting Restrictions



### Curved TV

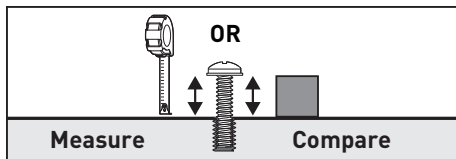


Recessed Holes

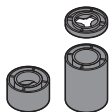


Protruding Cables





You can use a tape measure to measure the protruding bolts or hold spacers next to them to choose the right spacer combination.



**⚠ Note:**

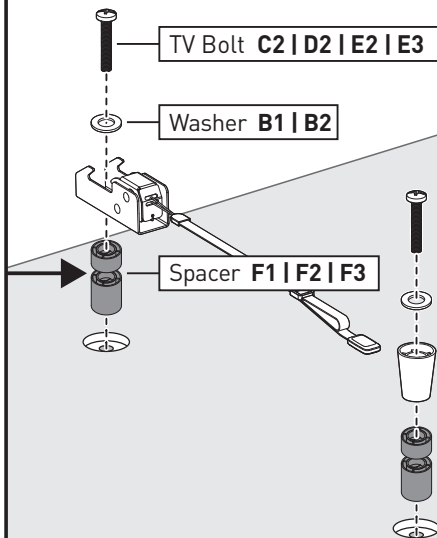
There are many possible spacer combinations that can be used.



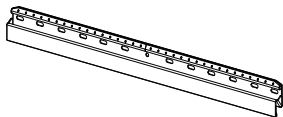
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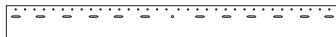


## Supplied Parts and Hardware for Step 2



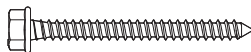
Wall Plate

**04** x 1



Wall Plate Template

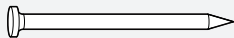
**05** x 1



ST 1/4 x 2 3/4"

Lag Screw

**A1** x 2



ø2.3 x 30mm

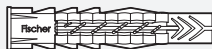
Steel Nail

**G** x 34



### CAUTION!

DO NOT use these nails on concrete and concrete block walls.



Wall Anchor

**A2** x 2



### CAUTION!

This anchor is for concrete and concrete block walls ONLY. DO NOT use them in drywall or wood studs.

## STEP 2 Mount the Wall Plate on the Wall

For mounting on wood stud walls, go to Option A on page 14 to 16.

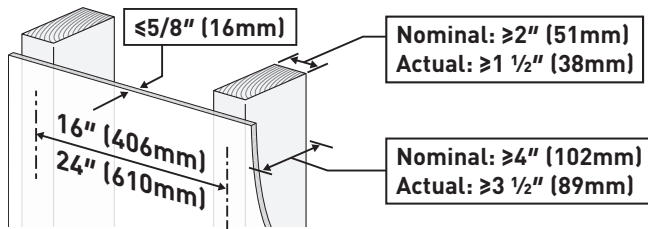
For mounting on drywall, go to Option B on page 17 to 19.

For mounting on concrete and concrete block walls, go to Option C on page 19 to 22.



## Option A

For Wood Stud Installation



### Tools Needed (Not Included)



Electric Drill



Pencil



Tape Measure



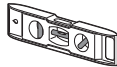
Stud Finder



Awl



5/32" (4mm)  
Wood Drill Bit



Level



7/16" (11mm)  
Socket Wrench

### WARNING:

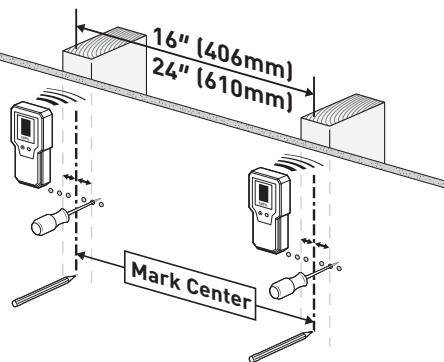
- Avoid the risk of personal injury or property damage! Tighten the lag screws **A1** only until they are pulled firmly against the wall plate (**DO NOT overtighten**). DO NOT use a drill; only use a socket wrench.
- DO NOT use wall anchors **A2** for this mounting option.



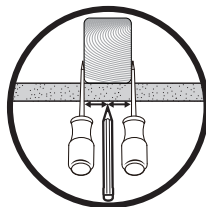
**A2**

Wall Anchor

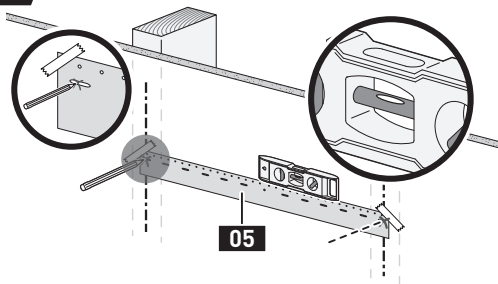
1



Find Studs and Mark Holes

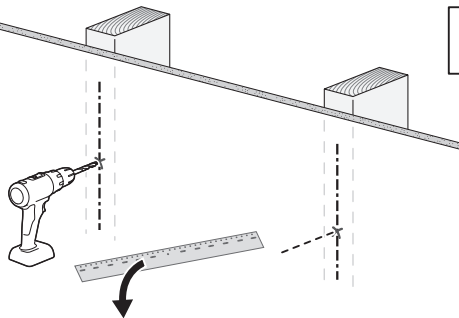


2



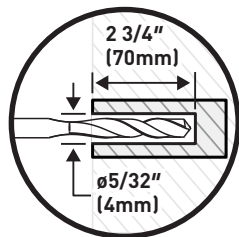
Mark 2 Hole Positions

3

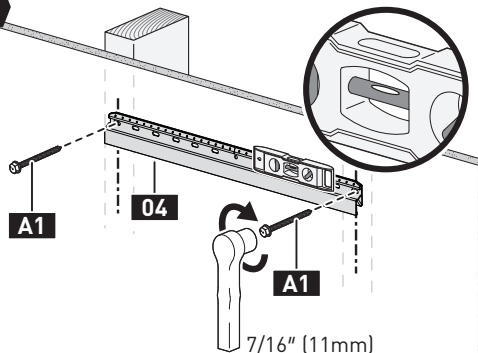


**Note:** Be sure to use the specified drill bit.

**Drill 2 Holes**



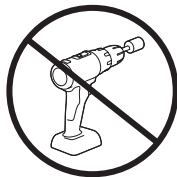
4



**Secure the Wall Plate**



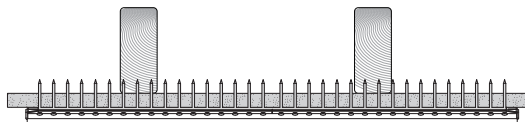
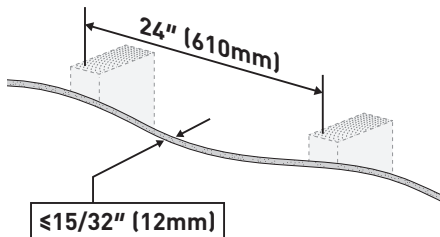
**HEAVY!** You may need assistance with this step.





## Option B

For Drywall Installation



**Tools Needed (Not Included)**



Hammer

### **! WARNING:**

- Drywall must be of sound construction with no water damage. If water damage occurs, remove the TV immediately.
- If any of the nails encounter excessive resistance (metal objects), please stop and contact us.
- DO NOT mount to patched areas, drywall seams, or uneven walls.
- DO NOT reuse the nails after removal. Do not use store-bought nails.
- DO NOT use lag screws **A1** or wall anchors **A2** for this mounting option.
- **Your TV MUST be centered on the wall plate.**



**A1**

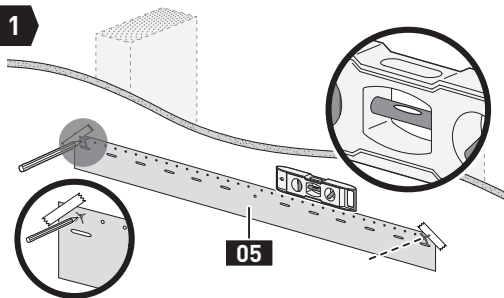
Lag Screw



**A2**

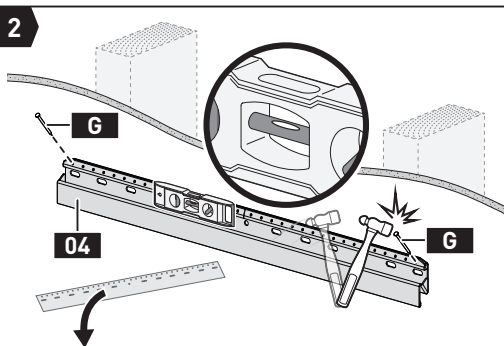
Wall Anchor

1



**Mark 2 Hole Positions**

2

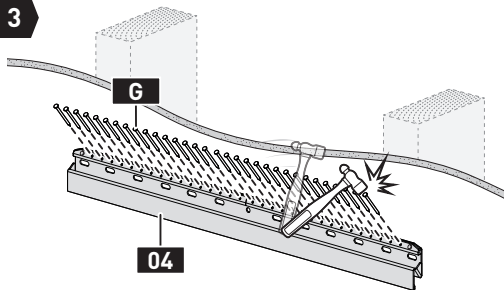


**Install 1 Nail on Each Side**



**HEAVY!** You may need assistance with this step.

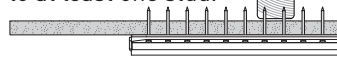
3



## Install the Remaining 32 Nails



**Note:** Ensure that the wall plate is secured to at least one stud.



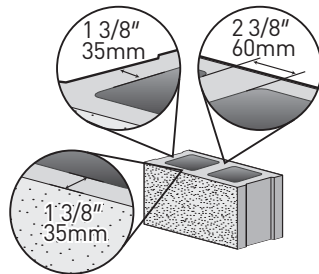
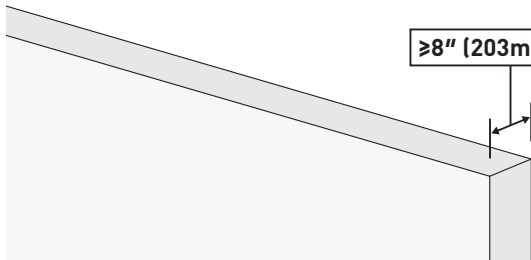
Go to Step 3 on Page 23



### Option C

For **Concrete and Concrete Block Wall Installation**

≥8" (203mm)







## Tools Needed (Not Included)



Electric Drill



Pencil



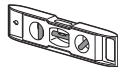
Tape Measure



Hammer



3/8" (10mm)  
Concrete Drill Bit



Level



7/16" (11mm)  
Socket Wrench

## WARNING:

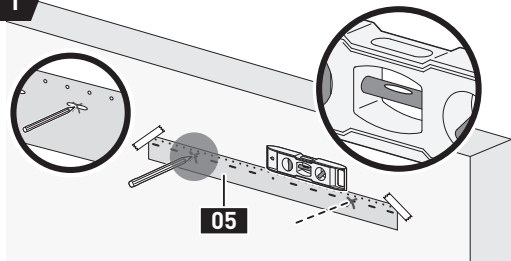
- Avoid the risk of personal injury or property damage! Tighten the lag screws **A1** only until they are pulled firmly against the wall plate (**DO NOT overtighten**). Do not use a drill; only use a socket wrench.
- Use wall anchors **A2** for this mounting option.
- Mount the wall plate directly on the concrete surface.
- Minimum concrete block size: 8" x 8" x 16" (203 x 203 x 406mm)



**A2**

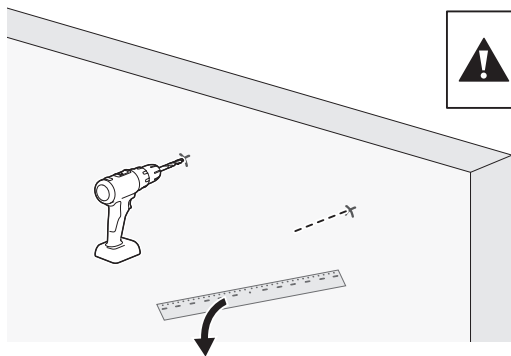
Wall Anchor

1



## Mark 2 Hole Positions

2

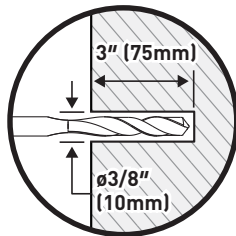


## Drill 2 Holes

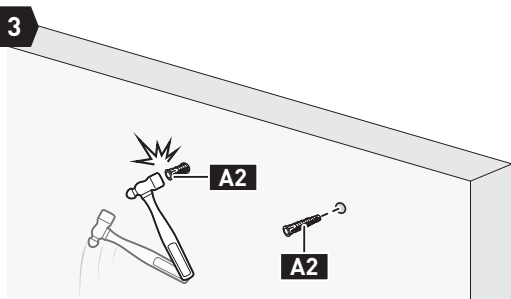


### Note:

- Be sure to use the specified drill bit.
- Never drill into the mortar between blocks.



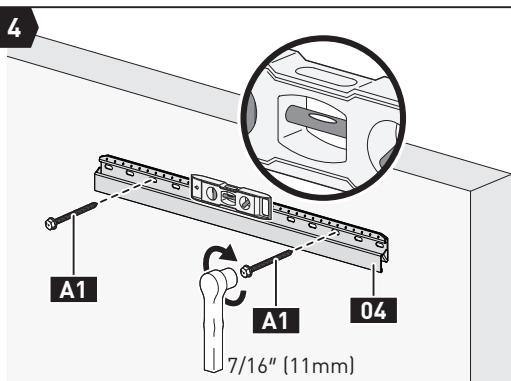
3



## Tap Wall Anchors In



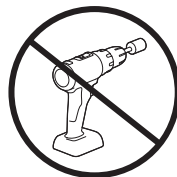
4



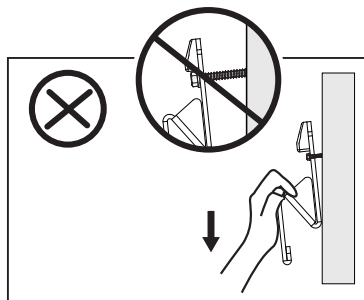
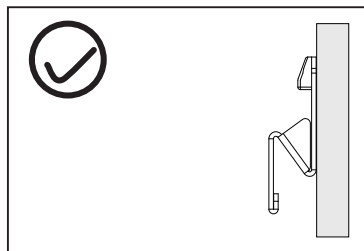
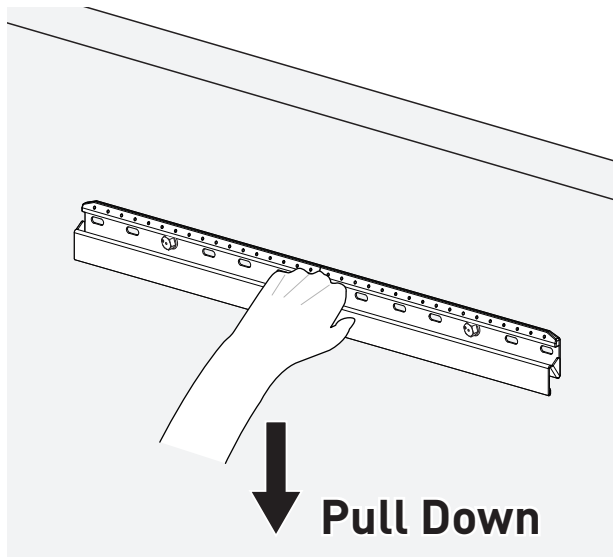
## Secure the Wall Plate



**HEAVY!** You may need assistance with this step.



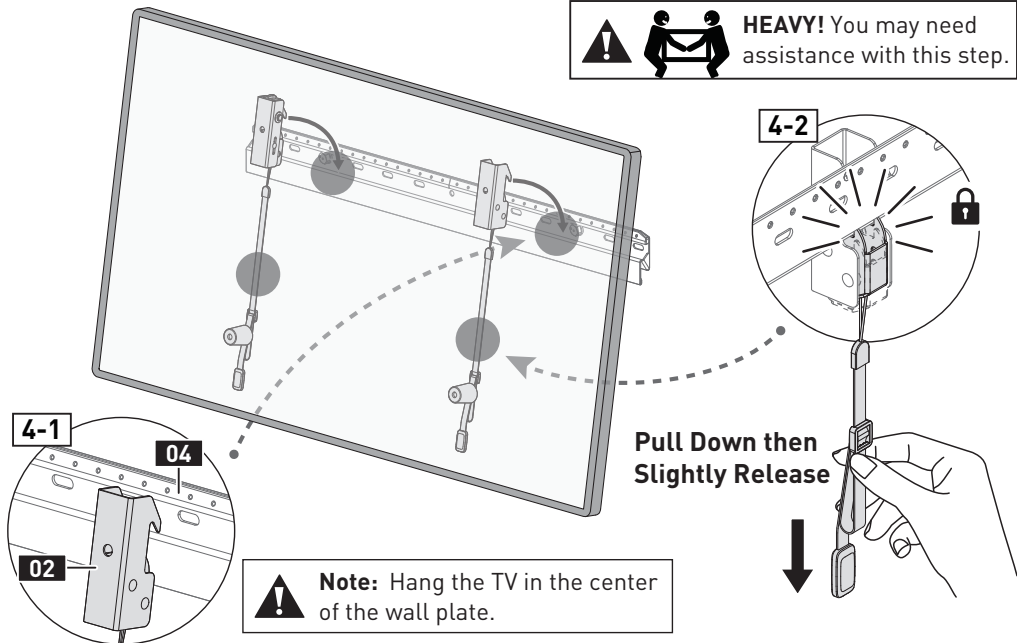
### STEP 3 Verify Wall Plate is Firmly Mounted



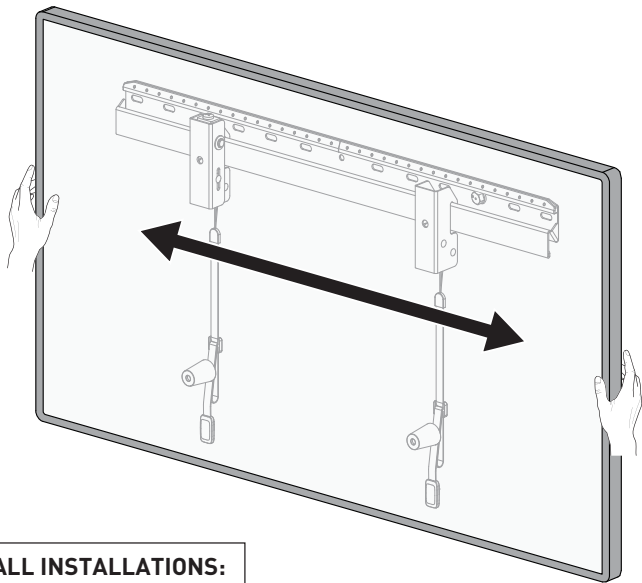
## STEP 4 Hang the TV on the Wall Plate



**HEAVY!** You may need assistance with this step.



## STEP 5 Side-to-Side Shift

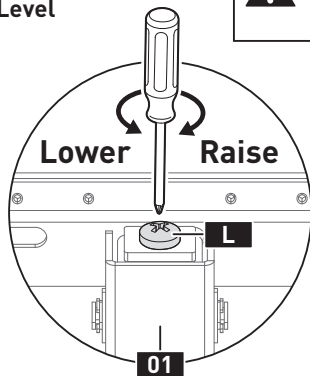


**FOR DRYWALL INSTALLATIONS:**  
DO NOT slide the TV side-to-side.

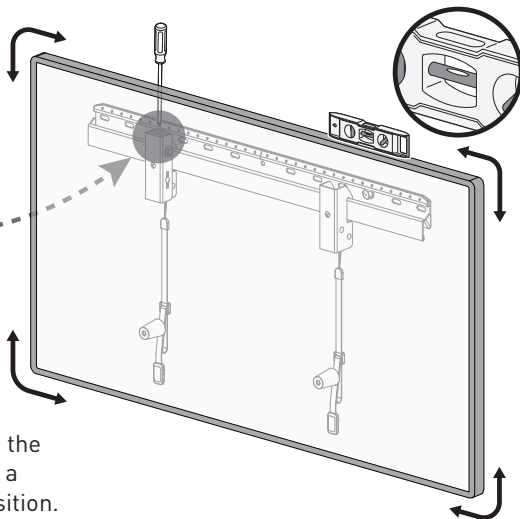
## STEP 6 Level Adjustment



**Note:** If your Phillips screwdriver is not long enough to turn the bolt **L**, please remove the TV to adjust the bolt **L**. After adjusting, hang up the TV and test to ensure the TV is level.



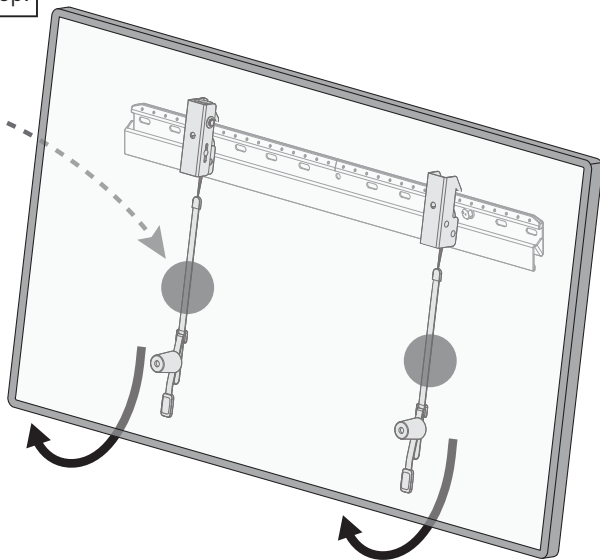
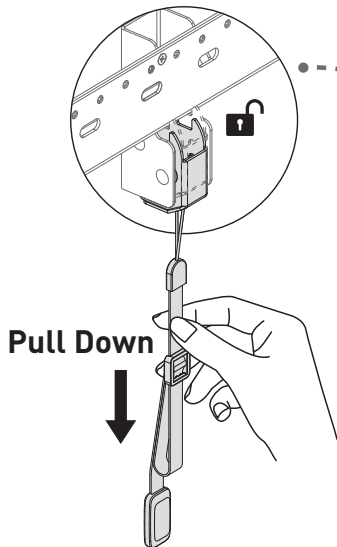
Turn the bolt **L** located at the top of the adjustable TV bracket **01** clockwise to raise the TV, or counterclockwise to lower the TV. Use a level to test and adjust the TV to the level position.



## STEP 7 How to Remove the TV



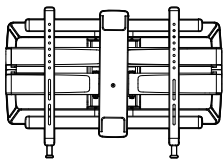
**HEAVY!** You may need assistance with this step.



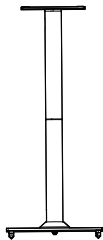




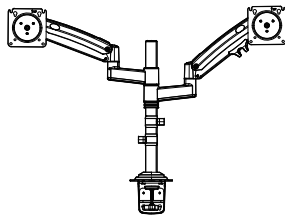
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