



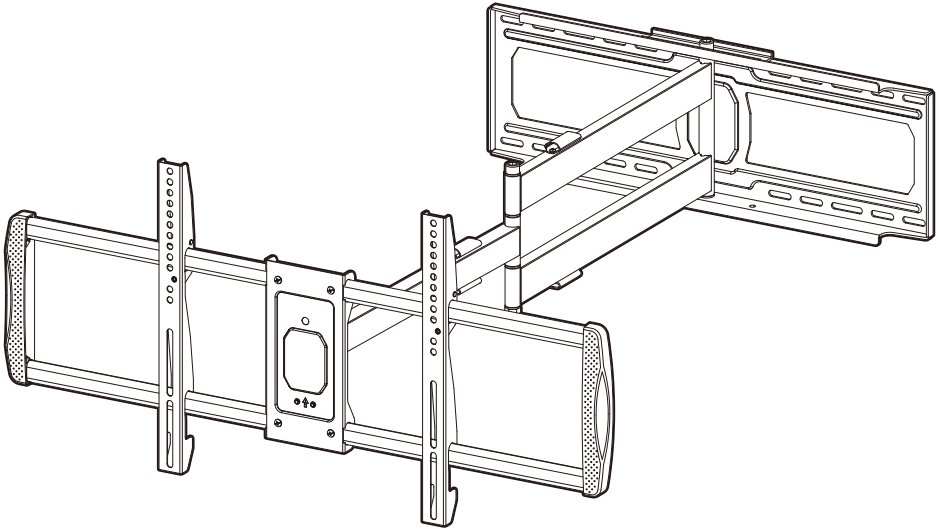
PERLESMITH

# INSTRUCTION MANUAL

## FULL-MOTION TV WALL MOUNT

**PSXLF01**

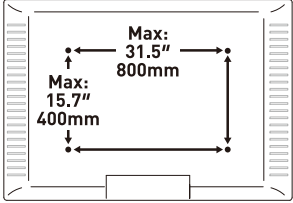
Rev00



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

1

Check VESA Pattern Compatibility



Compatible VESA Patterns:		
200 x 100mm	200 x 400mm	300 x 400mm
200 x 200mm	300 x 200mm	400 x 200mm
200 x 300mm	300 x 300mm	400 x 300mm
		400 x 400mm
		500 x 400mm
		600 x 400mm
		800 x 400mm
Maximum/Minimum:		
800 x 400mm (31.5 x 15.7")		
200 x 100mm (7.9 x 3.9")		

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

2

Check Max Load



**WARNING**

DO NOT exceed the Max Load. Exceeding the Max Load can cause the mount to fail, leading to personal injury and/or property damage.

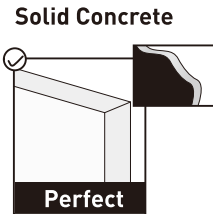
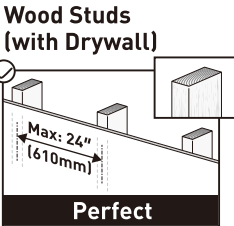
If your TV weighs more, this mount is NOT compatible.

3

Verify Wall Type

**WARNING**

DO NOT install on drywall alone.



Unsure?  
Contact us.

4

Tools Needed (not included)



Electric Drill



Pencil



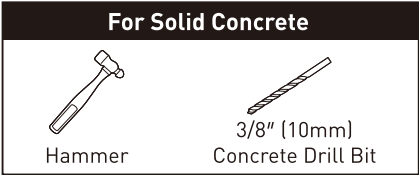
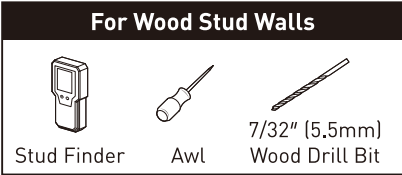
Phillips Screwdriver



Tape Measure



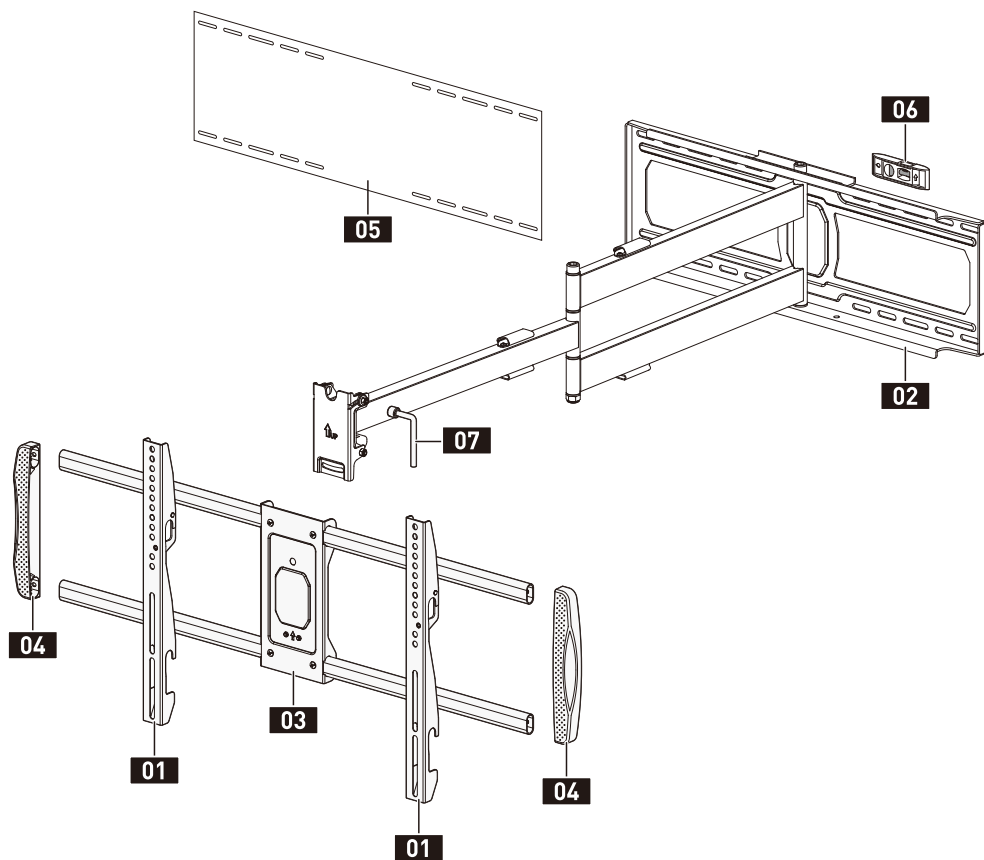
1/2" (13mm) Socket Wrench



5

Important Safety Information

- CAUTION:** Avoid the risk of personal injury or property damage!
- This product is designed for installation on wood studs and solid concrete. DO NOT install on drywall alone.
  - 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.
  - Before starting assembly, verify that all parts are included and undamaged. Do not use damaged or defective parts. If you require replacement parts, please call technical support or email customer service.
- WARNING: All fasteners must be firmly tightened!**



**01** TV Bracket

**02** Arm Assembly / Wall Plate

**03** Front Support

**04** End Cap

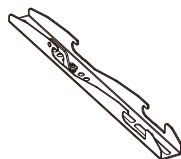
**05** Wall Plate Template

**06** Level

**07** Socket Wrench

## Supplied Parts and Hardware for Step 1

Not all hardware included in this package will be used.



TV Bracket

**01** x 2



M6/M8  
Washer

**B1** x 4



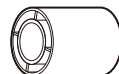
L2.5mm  
Spacer

**E1** x 8



L10mm  
Spacer

**E2** x 4



L22mm  
Spacer

**E3** x 4

## M6



M6 x 15mm  
TV Bolt

**C1** x 4



M6 x 35mm  
TV Bolt

**C2** x 4

## M8



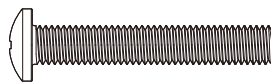
M8 x 15mm  
TV Bolt

**D1** x 4



M8 x 35mm  
TV Bolt

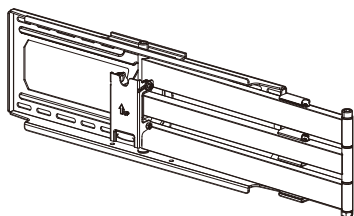
**D2** x 4



M8 x 50mm  
TV Bolt

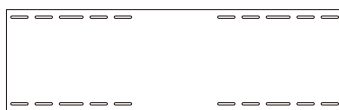
**D3** x 4

## Supplied Parts and Hardware for Step 2



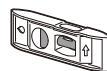
Arm Assembly / Wall Plate

**02** x 1



Wall Plate Template

**05** x 1



Level

**06** x 1



ST8 x 90mm  
Lag Screw

**A** x 6



φ8  
Washer

**B** x 6



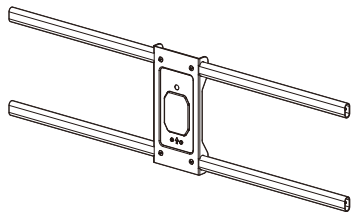
Wall Anchor

**C** x 6

### ! CAUTION!

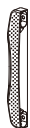
This anchor is for solid concrete ONLY. DO NOT use them in drywall or wood studs.

## Supplied Parts and Hardware for Step 4



Front Support

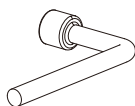
**03** x 1



End Cap

**04** x 2

## Supplied Parts and Hardware for Step 6



Socket Wrench

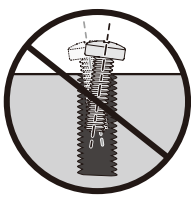
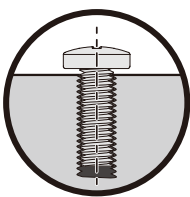
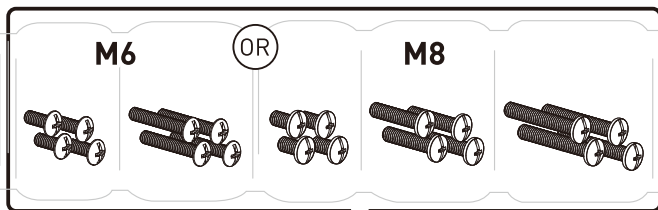
**07** x 1

# INSTALLATION

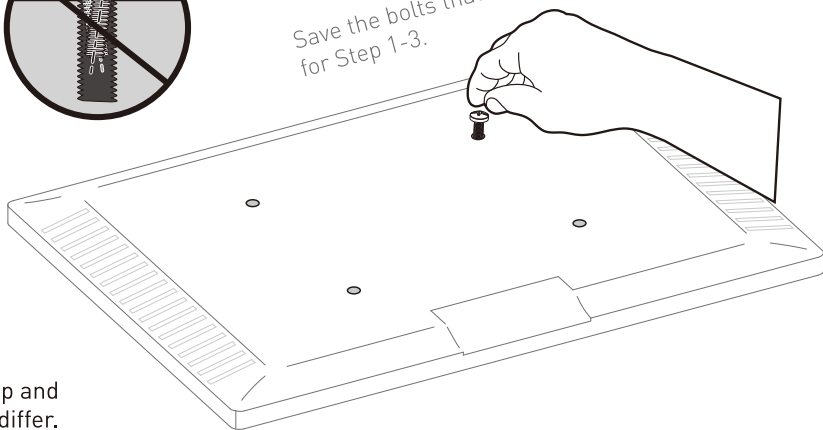
## STEP 1 Attach the TV Brackets to Your TV

### 1-1 Select TV Bolts

The correct bolt diameter will thread smoothly into your TV.

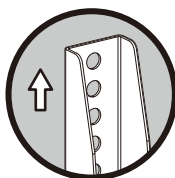
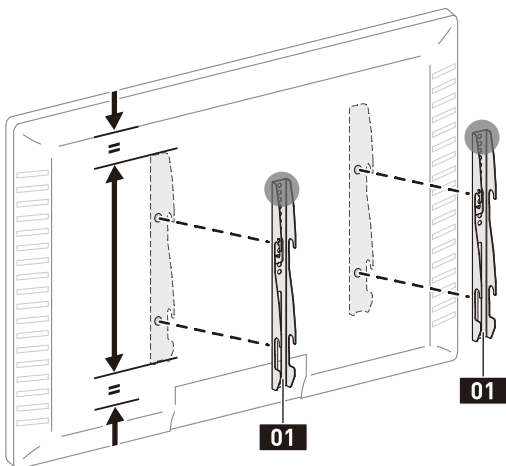


Save the bolts that fit (M6 or M8) for Step 1-3.

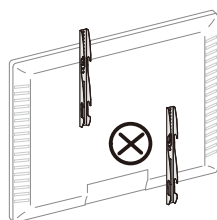
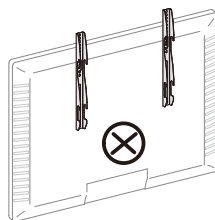
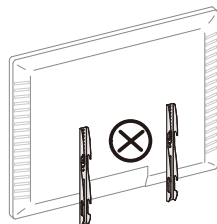


The depth of the top and bottom holes may differ.

### 1-2 Position the TV Brackets



Round Holes Up



## 1-3 Secure the TV Brackets

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

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

### ⚠ WARNING:

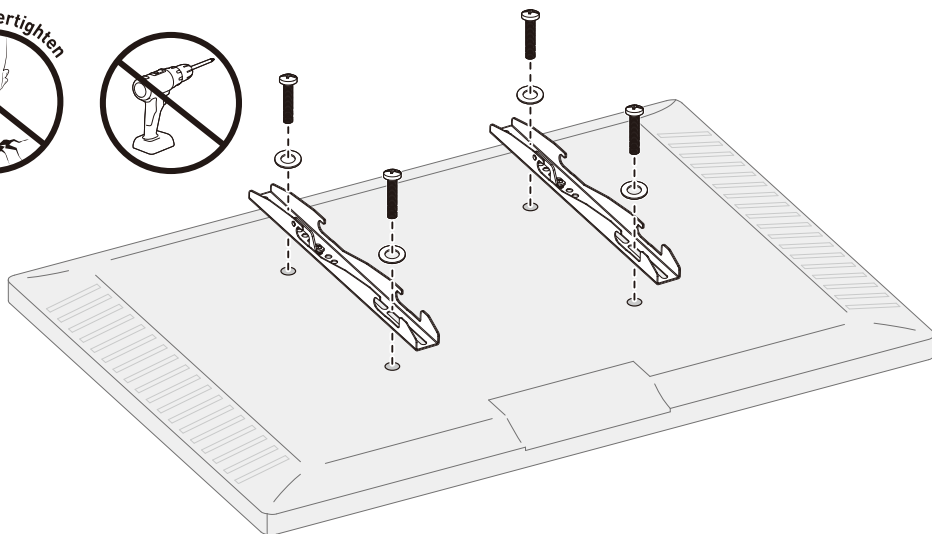
- DO NOT turn the bolt past the bottom of the hole.
- If the bolt is too short, it may not adequately support the TV.
- If the bolt is too long, it could damage the TV.
- At least 4–5 turns into the threading is required.
- The depth of the bottom holes may be different from the top holes.



Too Short

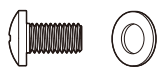


Too Long

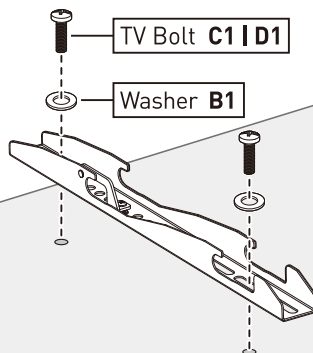
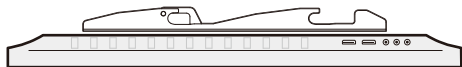


### Option A

Use **short** TV bolts with washers.



#### Flat-Back TV



Option B Next page

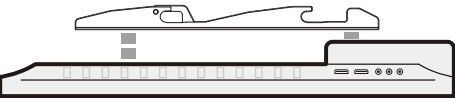


# Option B

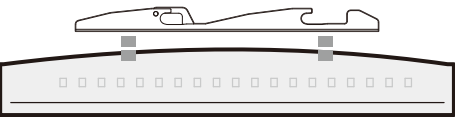
Use **long** TV bolts with washers and spacers to create extra space between the TV and brackets.



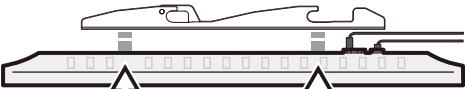
## Bump



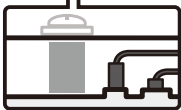
## Curved TV



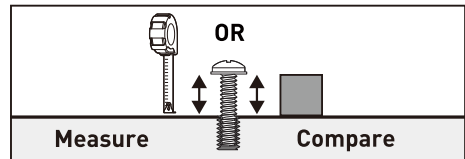
## TV with Mounting Restrictions



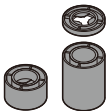
Recessed Holes



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:

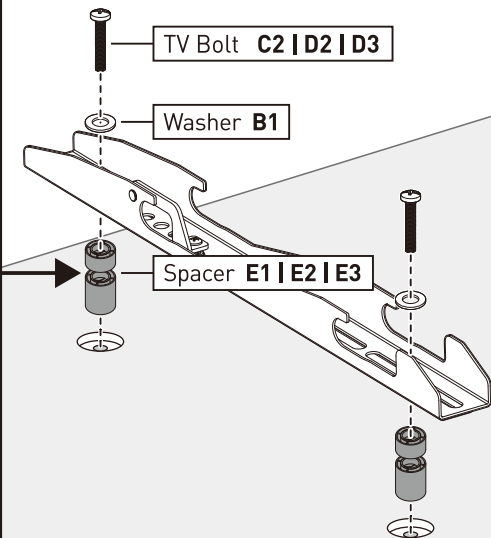
There are many possible spacer combinations that can be used.



1-800-556-6806 (US/CA)  
44-808-196-3891 (UK)



supportus@perlesmith.com

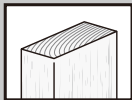




## STEP 2 Mount the Arm Assembly / Wall Plate on the Wall

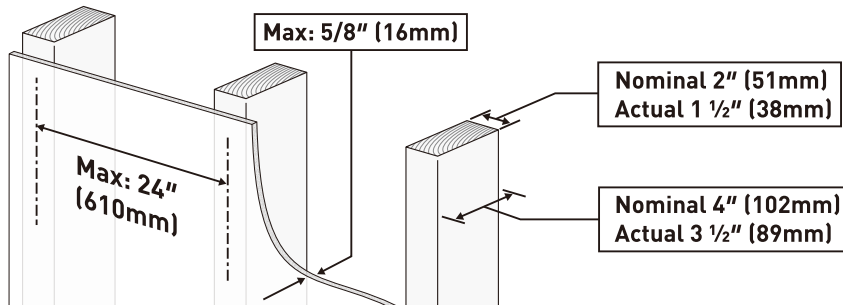
For mounting on wood stud walls, go to Option A on page 09 to 10.

For mounting on solid concrete, go to Option B on page 11 to 12.

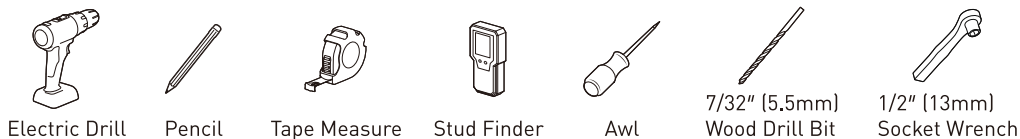


### Option A

For **Wood Stud Installation**

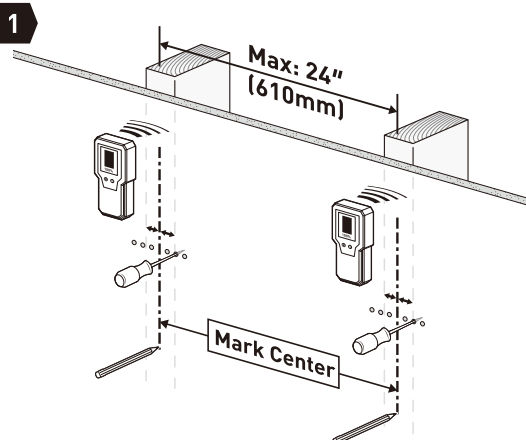
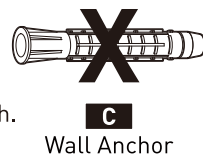


#### Tools Needed (Not Included)

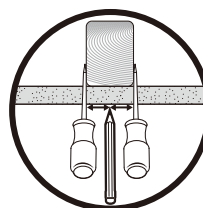


#### **WARNING:**

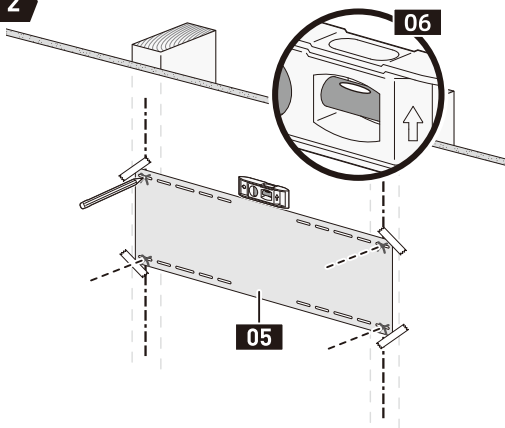
- Avoid the risk of personal injury or property damage! Tighten the lag screws **A** and washers **B** only until they are pulled firmly against the wall plate (**DO NOT overtighten**). Do not use a drill; only use a socket wrench.
- Do not use wall anchors **C** for this mounting option.



### Find Studs and Mark Holes

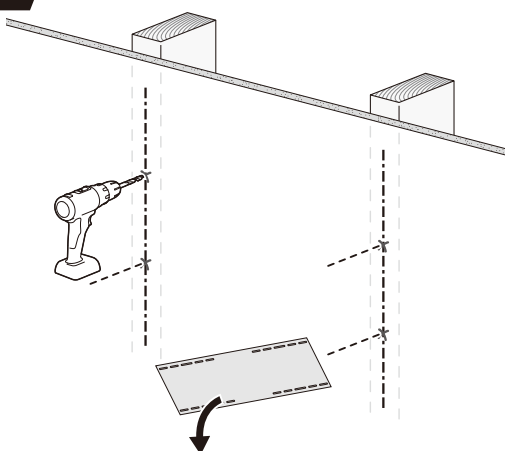


2



## Mark 4 Hole Positions

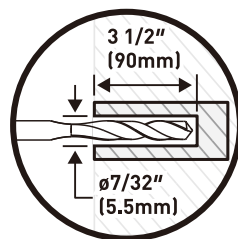
3



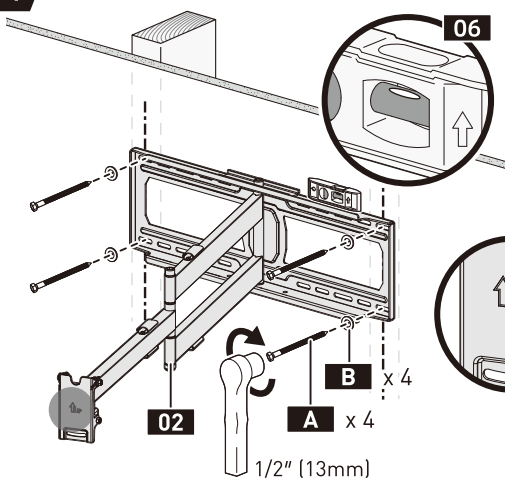
## Drill 4 Holes



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



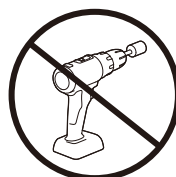
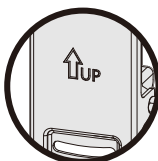
4

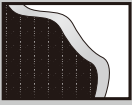


## Secure the Wall Plate



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

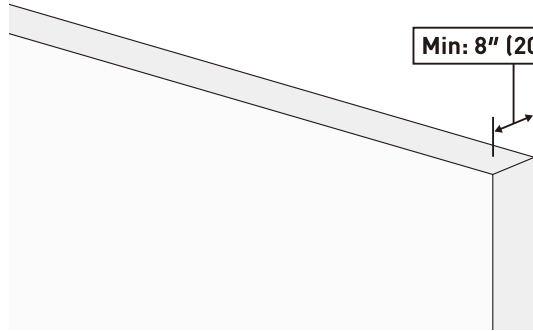




## Option B

For **Solid Concrete Installation**

Min: 8" (203mm)



### Tools Needed (Not Included)



Electric Drill



Pencil



Tape Measure



Hammer



3/8" (10mm)  
Concrete Drill Bit



1/2" (13mm)  
Socket Wrench

### ⚠ WARNING:

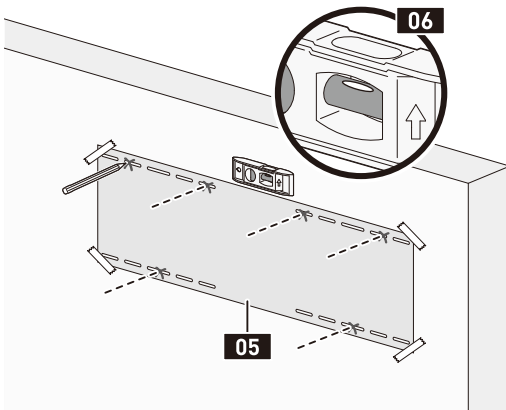
- Avoid the risk of personal injury or property damage! Tighten the lag screws **A** and washers **B** only until they are pulled firmly against the wall plate (**DO NOT overtighten**). Do not use a drill; only use a socket wrench.
- Use wall anchors **C** for this mounting option.
- Mount the arm assembly / wall plate directly on the concrete surface.



**C**

Wall Anchor

1



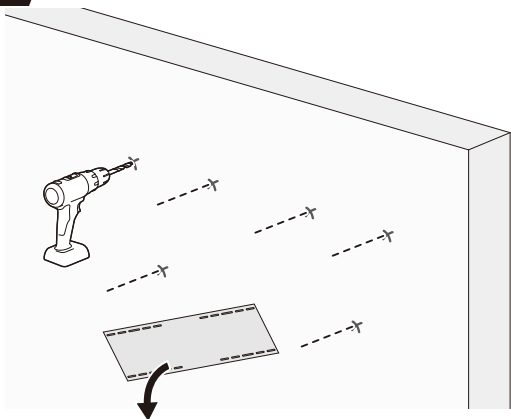
### Mark 6 Hole Positions



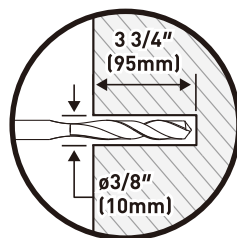
**Note:** Mark 2 upper holes near the outside of the template and 2 closest to the middle.

2

## Drill 6 Holes

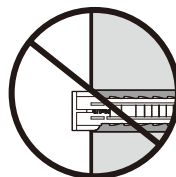
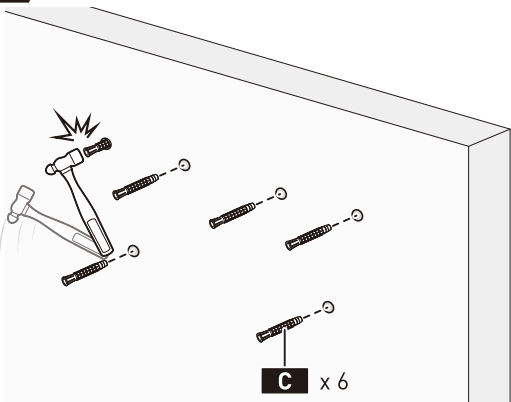


**Note:** Be sure to use the specified drill bit.



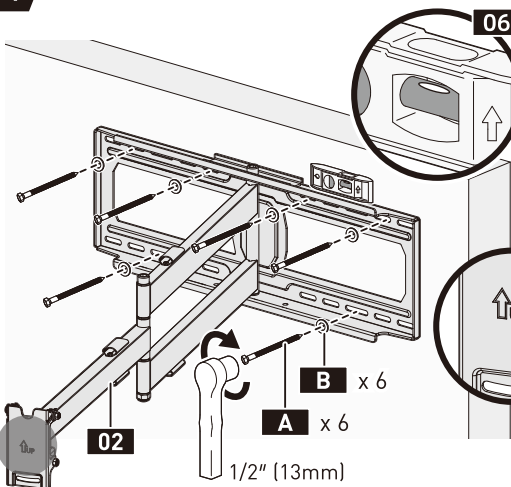
3

## Tap Wall Anchors In

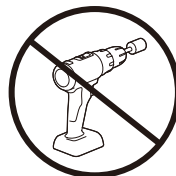


4

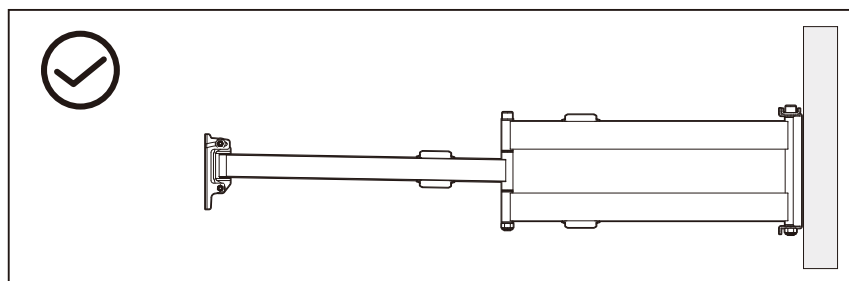
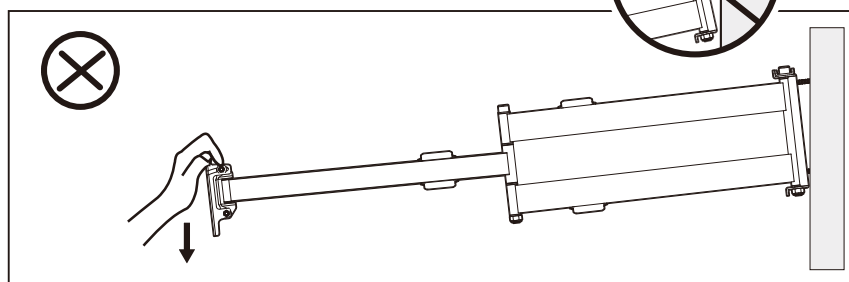
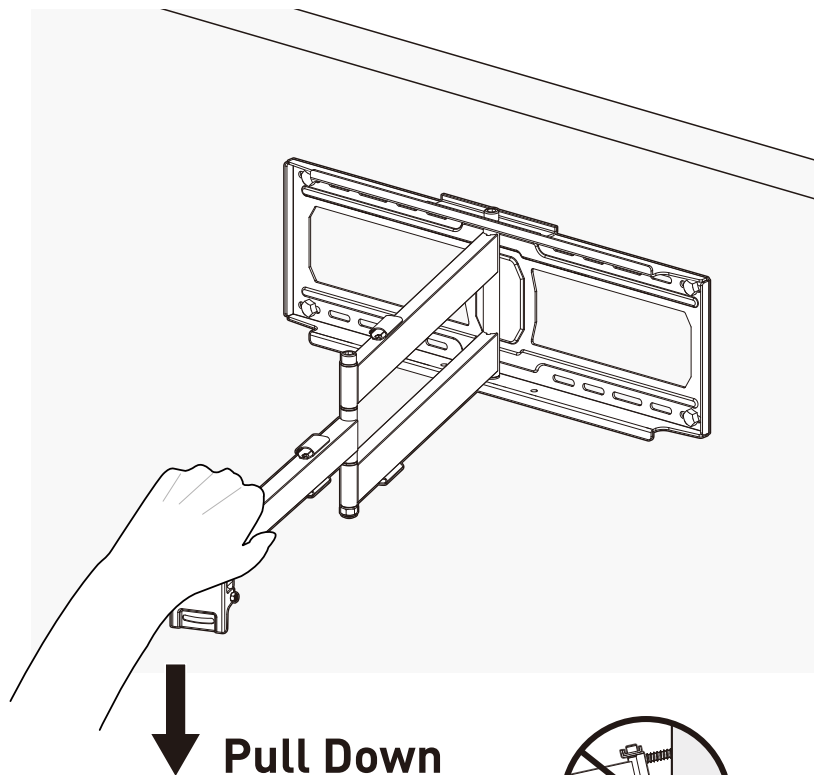
## Secure the Wall Plate



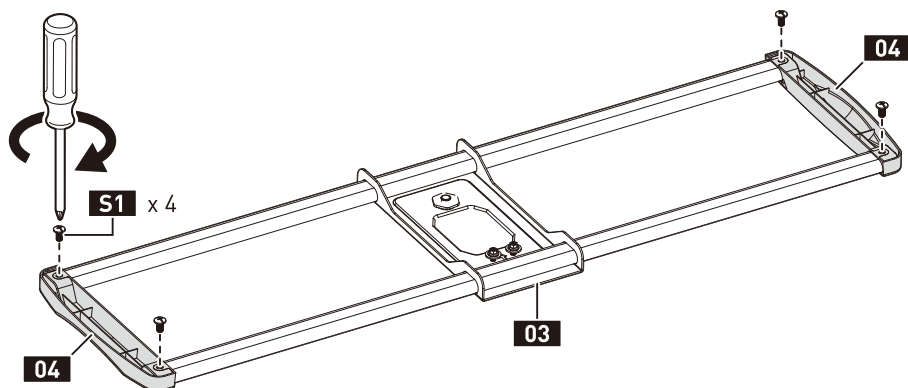
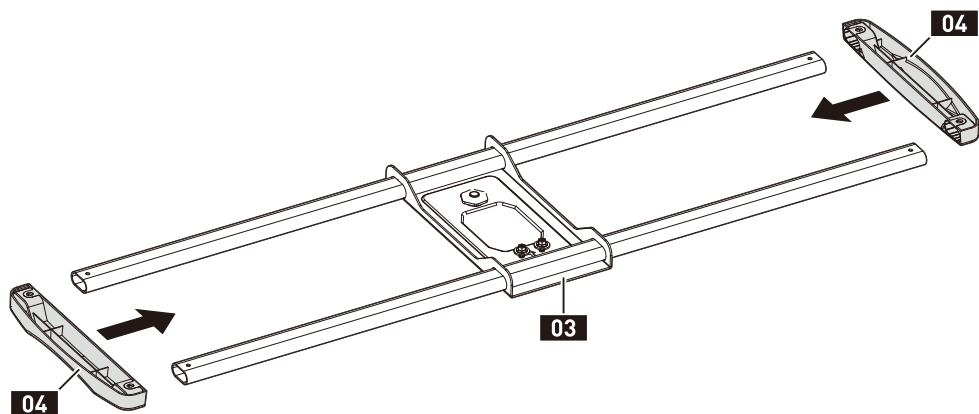
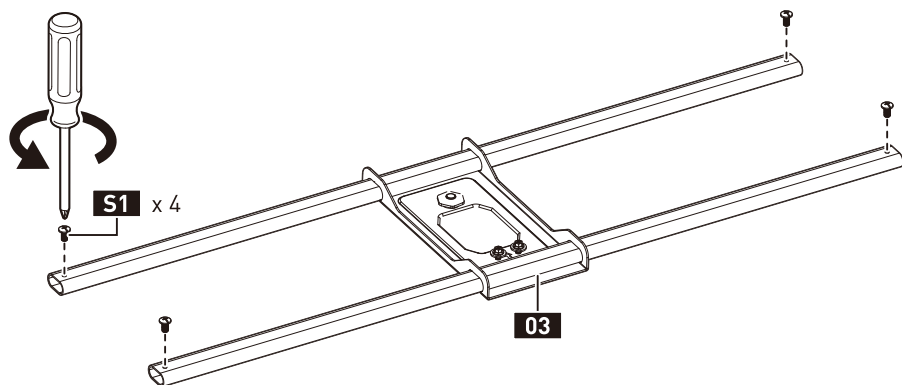
**HEAVY!** You may need assistance with this step.

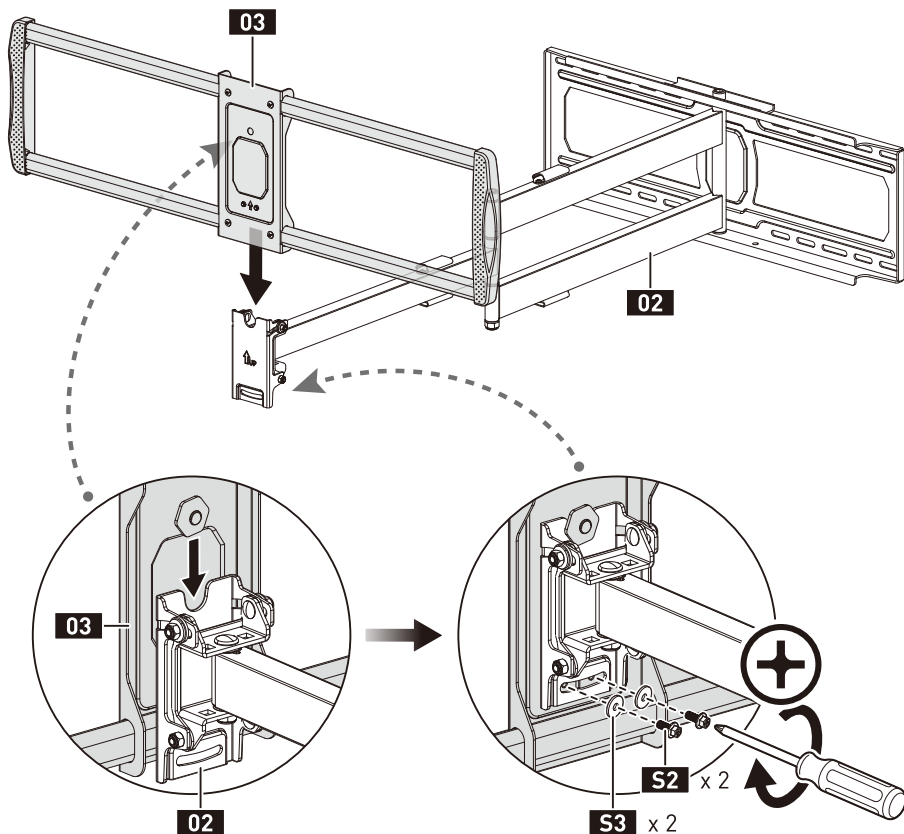
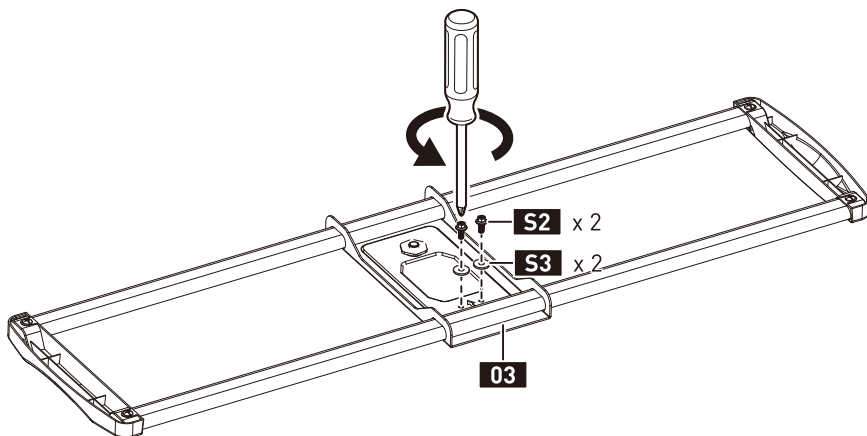


### STEP 3 Verify Wall Plate is Firmly Mounted



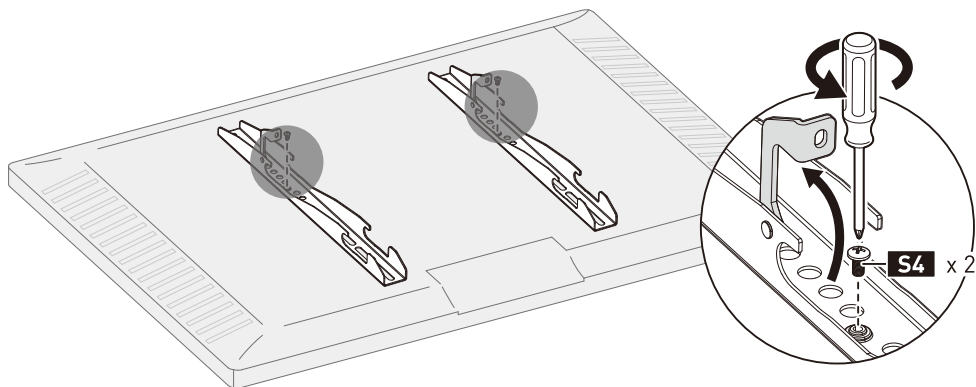
## STEP 4 Attach the Front Support to the Arm Assembly



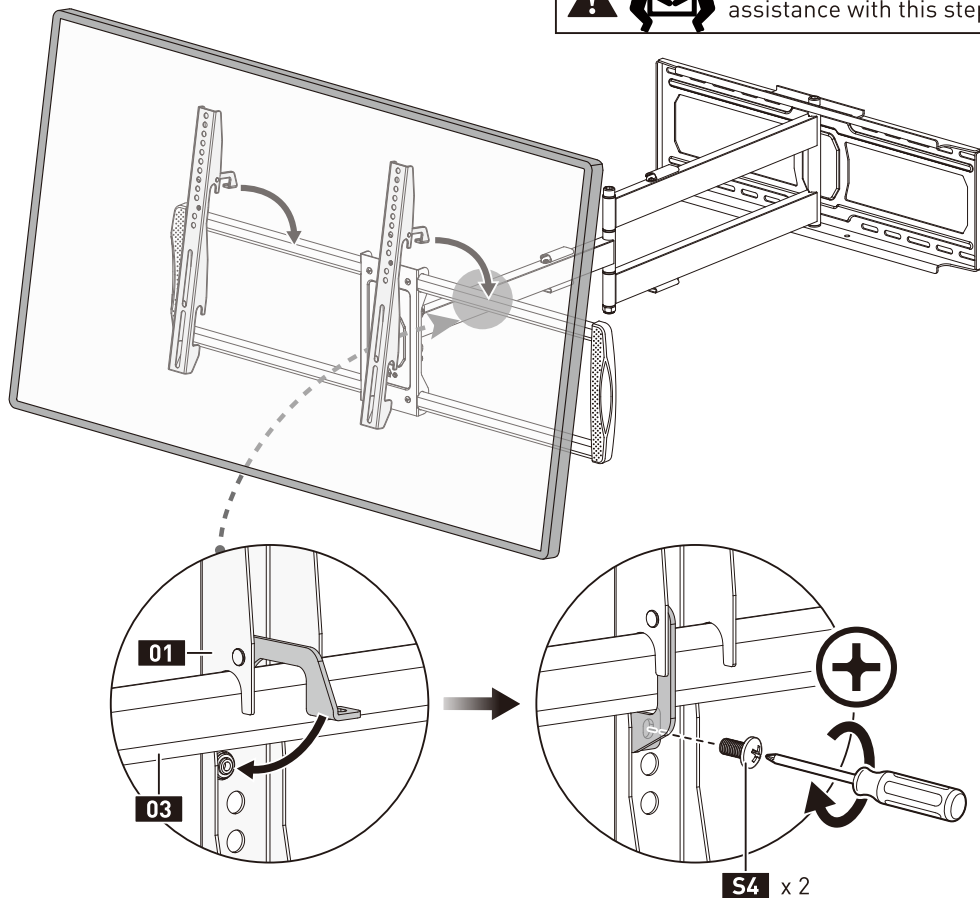


Make sure the upper nut fits into the groove on the connector. Attach and secure the bolts **S2** and washers **S3**.

## STEP 5 Hang TV on the Front Support



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



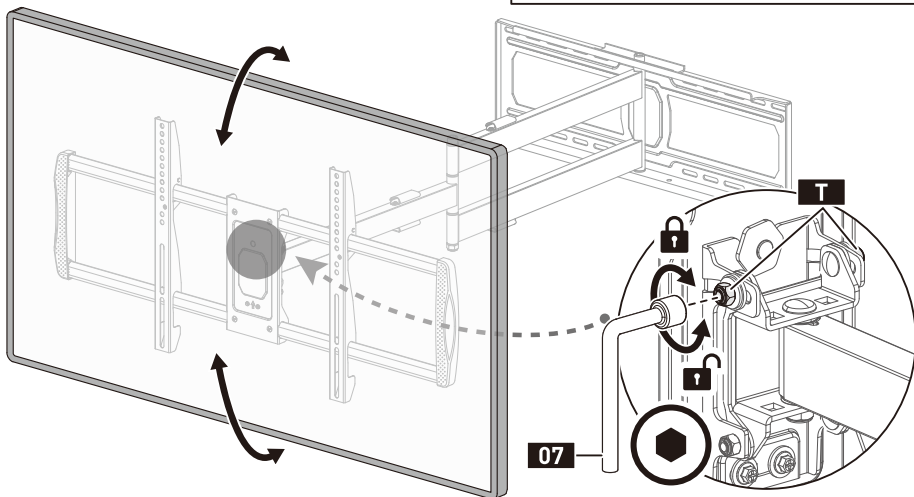
Hang the TV using the hooks on both brackets. Close the safety locks and secure with bolts **S4**.



## STEP 6 Tilt Adjustment



**NOTE:** Please DO NOT overtighten or overloosen the nuts **T**.

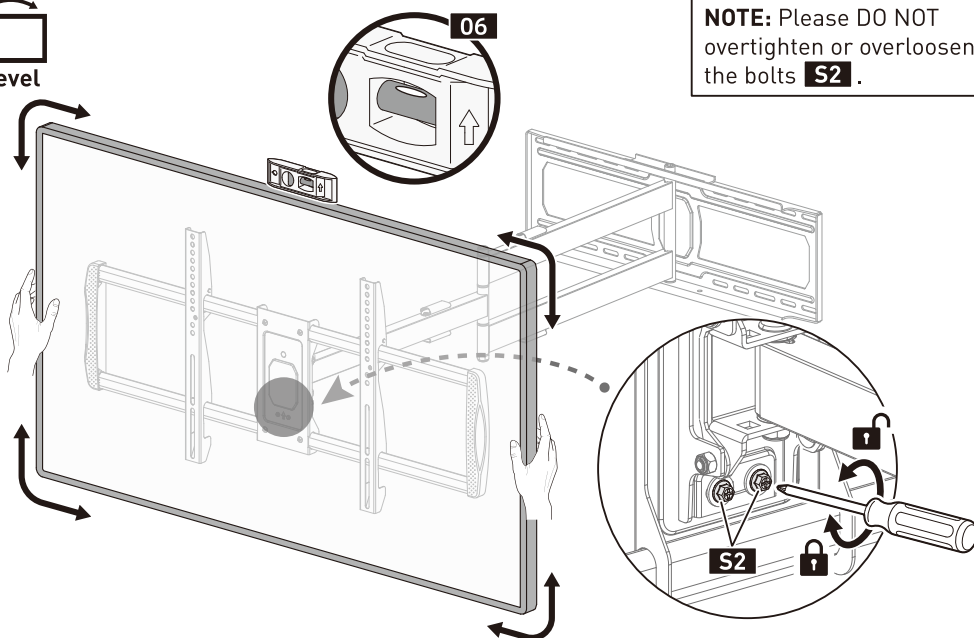


Slightly loosen the tilt nuts **T**, then tilt your TV. Retighten the tilt nuts **T** to hold the TV in position.

## STEP 7 Level Adjustment



**NOTE:** Please DO NOT overtighten or overloosen the bolts **S2**.



If it is difficult to level your TV, slightly loosen 2 leveling bolts **S2**, then level your TV. Retighten the leveling bolts **S2** to hold the TV in place.



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# MAGNIFY YOUR AUDIO-VISUAL EXPERIENCE

