

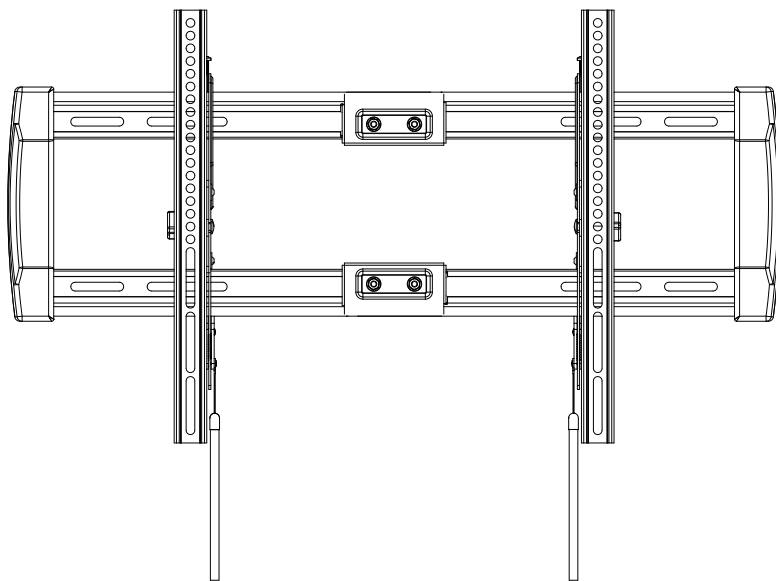


PERLESMITH

# TV Wall Mount Instruction Manual

v1.0

Large Tilting Wall Mount for 42"– 85" TVs up to 75kg



**Model: PSLT9**

Thank you for choosing this PERLESMITH product! At PERLESMITH we strive to provide you with the best quality products and services in the industry. Should you have any issues, please don't hesitate to contact

## **AV Supply Group as below:**

New Zealand | P: 6492749172 | E: [info@avsupply.co.nz](mailto:info@avsupply.co.nz)

Australia | P: 61390714585 | E: [info@avsupplygroup.com.au](mailto:info@avsupplygroup.com.au)

## IMPORTANT SAFETY INFORMATION

Please carefully read all instructions before attempting installation. If you do not understand the instructions or have any concerns or questions, please contact our customer service at [\*\*info@avsupply.co.nz\(NZ\)\*\*](mailto:info@avsupply.co.nz(NZ)) /[\*\*info@avsupplygroup.com.au\(AU\)\*\*](mailto:info@avsupplygroup.com.au(AU)).

**CAUTION:** Avoid potential personal injuries and property damage!

- Do not use this product for any purpose that is not explicitly specified in this manual. Do not exceed weight capacity. We are not liable for damage or injury caused by improper mounting, incorrect assembly or inappropriate use.
- This product is designed for use in wood stud, solid concrete, concrete block and brick walls - DO NOT install into drywall alone.
- The wall must be capable of supporting five times the weight of the TV and mount combined.

## Weight Restrictions



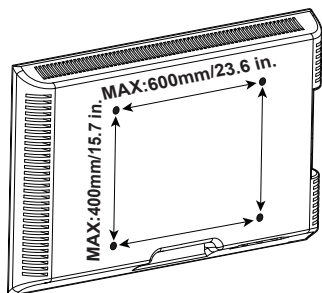
If your TV weighs more, this mount is NOT compatible.



### WARNING

DO NOT exceed the maximum weight indicated. This mounting system is intended for use only within the maximum weights indicated. Use with products heavier than the maximum weights indicated may result in failure of the mount and its accessories, causing possible injury.

## Check the VESA Pattern of TV Before the Installation



100 mm  $\approx$  4 in.  
200 mm  $\approx$  7 7/8 in.  
400 mm  $\approx$  15 3/4 in.  
600 mm  $\approx$  23 5/8 in.

**Minimum VESA pattern: 200mm/8 in.(W)x100mm/4 in.(H)**

-----  
If your TV VESA is greater than 600x400 mm/23.6x15.7 in. or less than VESA 200x100mm/8x4 in., this mount is NOT compatible.

**If this mount is NOT compatible, please contact customer service at [\*\*info@avsupply.co.nz\(NZ\)\*\*](mailto:info@avsupply.co.nz(NZ)) /[\*\*info@avsupplygroup.com.au\(AU\)\*\*](mailto:info@avsupplygroup.com.au(AU)) to find a compatible mount.**

## Tools Needed (Not Included)



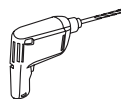
Stud Finder



Tape Measure



Pencil



Drill



Hammer



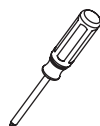
7/32 in. (5.5 mm)  
Wood Drill



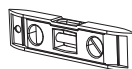
3/8 in. (10mm)  
Concrete Drill



1/2 in. (13mm)  
Socket Wrench



Phillips Screwdriver



Level

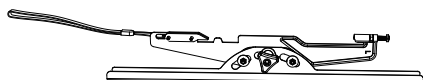
## Supplied Parts and Hardware

**⚠ Warning:** This product contains small items that could be a choking hazard if swallowed.

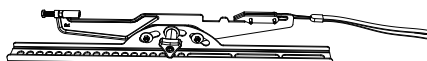
Before starting assembly, verify all parts are included and undamaged. Do not use damaged or defective parts. If you require replacement parts, contact our customer service at [info@avsupply.co.nz](mailto:info@avsupply.co.nz) (NZ) / [info@avsupplygroup.com.au](mailto:info@avsupplygroup.com.au) (AU)

• Please note: Not all hardware included in this package will be used.

## Supplied Parts and Hardware for Step 1



Left TV Bracket **03 x1**



Right TV Bracket **04 x1**

### **05 Washer**



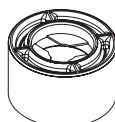
[B] x4  
M6/M8

### **06 Spacers (if needed)**

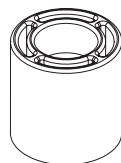
**Note:** The spacers are shown in accordance with the actual size



[C1] x8  
φ8.5x18x2.5mm



[C2] x4  
φ8.5x18x10mm

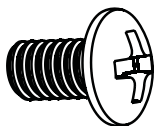


[C3] x4  
φ8.5x18x22mm

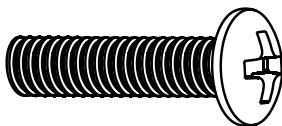
**07****TV Bolts**

(Only one bolt size fits your TV)

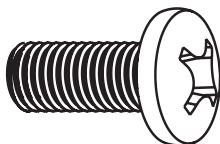
**Note:** The bolts are shown in accordance with the actual size

**M6**

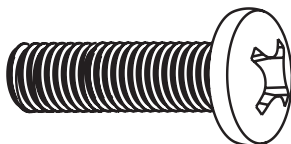
**[D1] x4**  
**M6 x 15mm**



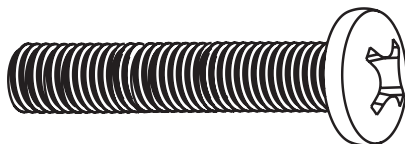
**[D2] x4**  
**M6 x 35mm**

**M8**

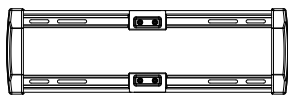
**[E1] x4**  
**M8 x 15mm**



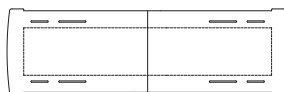
**[E2] x4**  
**M8 x 35mm**



**[E3] x4**  
**M8 x 50mm**

**Supplied Parts and Hardware for Step 2**

Wall Plate **01** **x1**

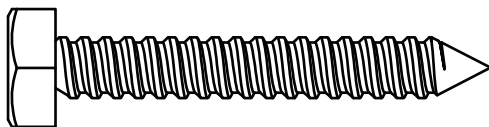


Wall Plate  
Template **02** **x1**

**Note:** The lag screw is shown in accordance with the actual size

**A1****x4**

**Lag Screw**  
**M8x65mm**

**A2****x4**

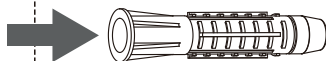
**Washer**  
**M8**



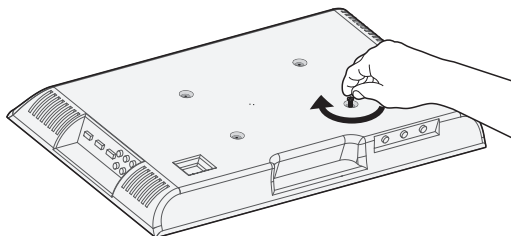
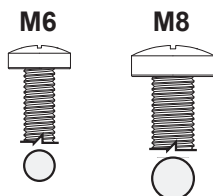


**A3****x4**Wall  
Anchor**! CAUTION!**

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

**Step 1 Secure the TV Brackets to TV****Select TV Bolts**

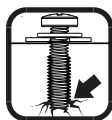
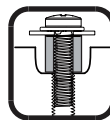
Only one bolt size fits your TV.



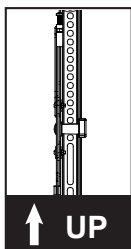
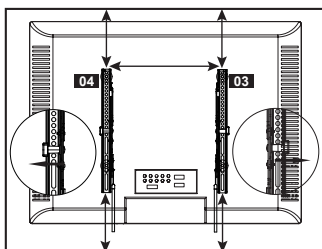
Bolt length: Verify adequate thread engagement with bolts or bolts/spacers combination. We recommend thread engagement by at least 5 turns.

-Too short will not hold the TV.

-Too long will damage the TV.

**Too Short****Too Long****Correct****Correct**

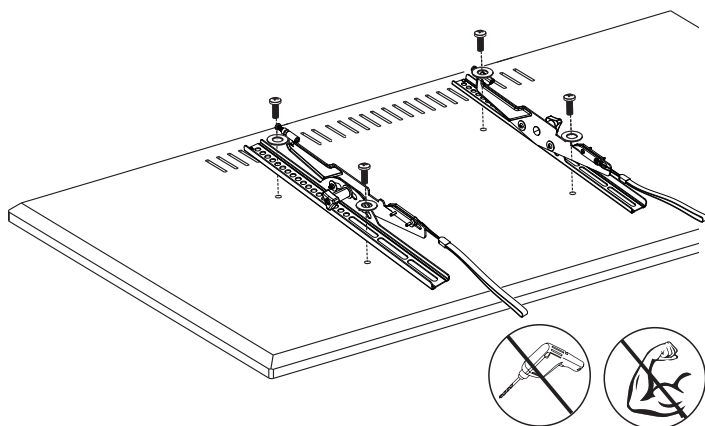
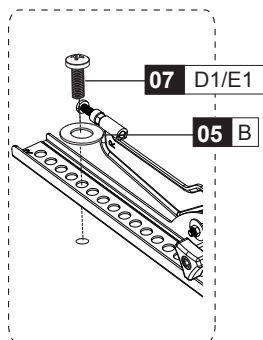
Please Note: When using the spacers it is important to note that they can be used in multi-layers (meaning stacked). If you have any difficulty understanding how to install the TV bolts or spacers, please contact customer service at [info@avsupply.co.nz](mailto:info@avsupply.co.nz)(NZ)/[info@avsupplygroup.com.au](mailto:info@avsupplygroup.com.au)(AU).



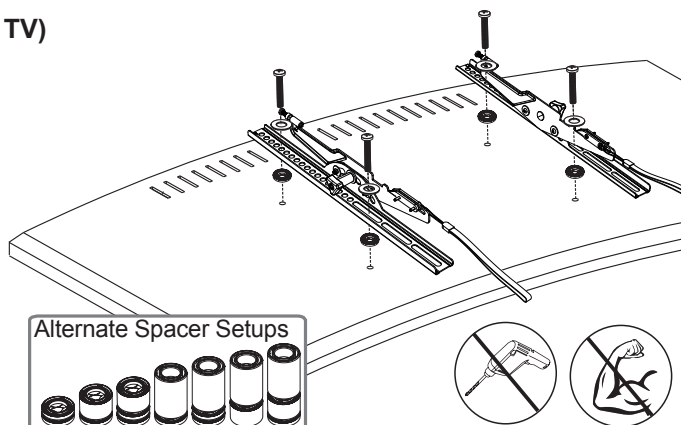
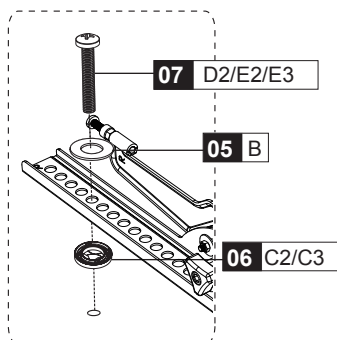
**! CAUTION:** Ensure the TV brackets [03] and [04] are **EQUALLY CENTERED** on your TV and securely fastened in place.

Please note: The bolt hole locations on your TV may vary in accordance of the manufacturers design of the TV. We are only illustrating possible locations of the bolt holes.

## Option A (For Flat Back TV)

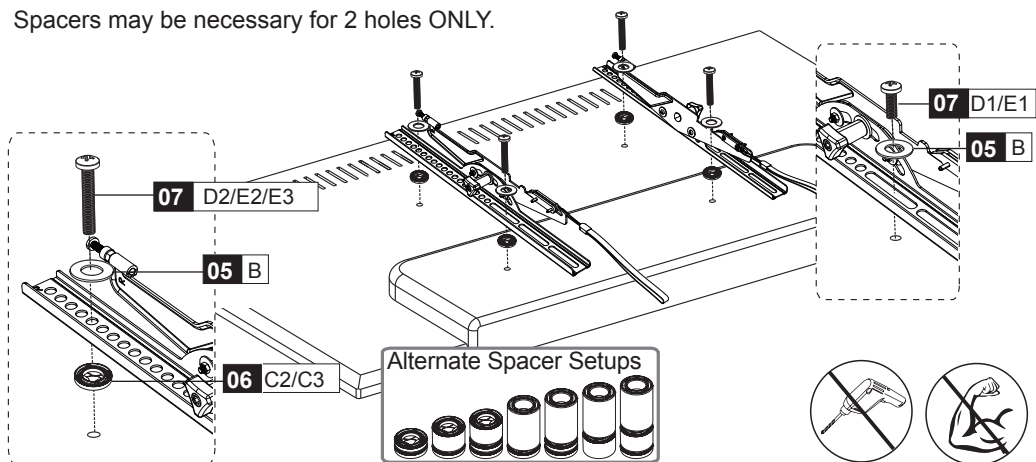


## Option B (For Round Back TV)



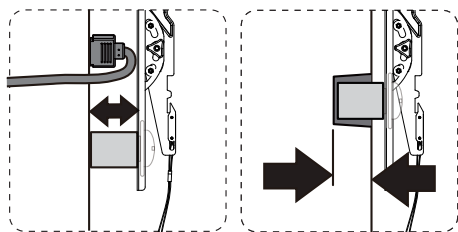
## Option C (For TV with A "Bump")

Spacers may be necessary for 2 holes ONLY.

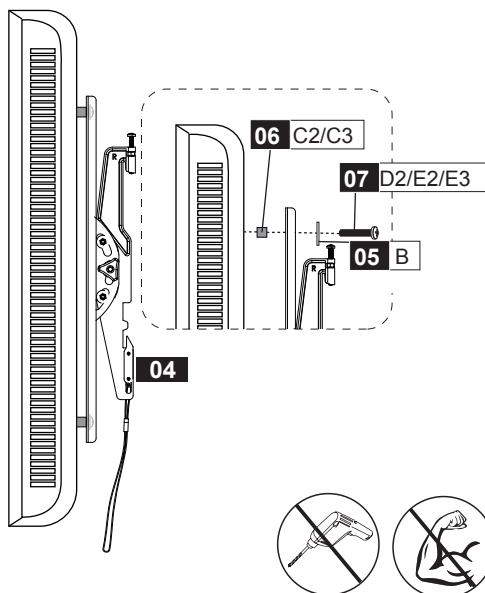


## Option D

For cable interference or inset holes, use spacers **06** to create extra space between the TV and TV brackets



Alternate Spacer Setups



## Step 2 Attach Front Support to Wall

For wood stud installation, follow STEP 2A

For concrete installation, follow STEP 2B

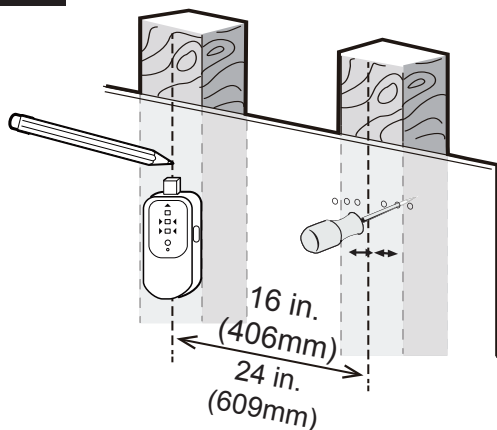
### Step 2A Wood Stud Option

#### ⚠ WARNING:

- Avoid potential personal injury or property damage! DO NOT over-tighten the lag screws [A1]. Tighten the lag screws [A1] only until the washers [A2] are pulled firmly against the front support.
- Do not use wall anchor [A3] for this step
- Ensure the front support is securely fastened to the wall before continuing to the next step.
- Any material covering the wall must not exceed 5/8 in. (16 mm)
- Nominal wood stud size: common 2 x 4 in. (51 x 102 mm) minimum 1½ x 3½ in. (38 x 89 mm)
- Stud center must be verified



## 2A-1

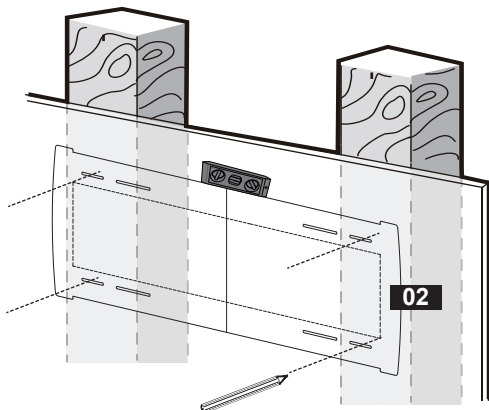


Use a stud finder(not included) to locate wood studs or use an awl (not included) to verify the edges. Mark the edge and center locations.



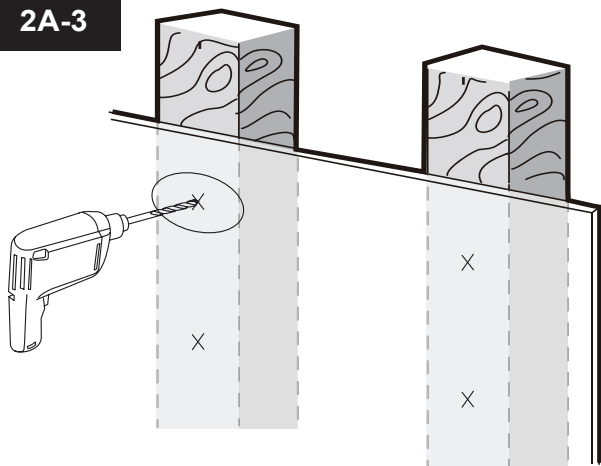
Awl  
(Not Included)

## 2A-2

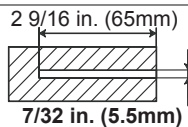


Position the wall plate template [02] at your desired height and line up the holes with your stud center line. Level the template and mark the holes.

## 2A-3

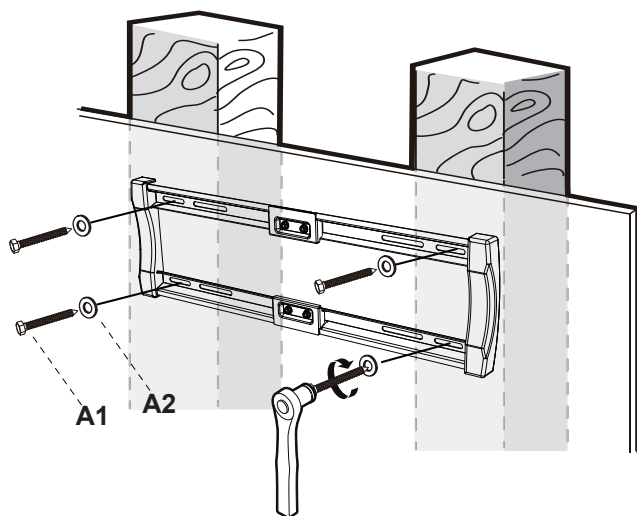


Drill 4 pilot holes using a 7/32 in. (5.5mm) diameter drill bit. Make sure the depth is not less than 2 9/16 in. (65mm)



## 2A-4

Install the front support using lag screws [A1] and washers [A2]. Tighten the lag screws [A1] only until the washers [A2] are pulled firmly against the front support.



1/2 in. (13mm)  
Socket Wrench  
(Not included)

### Step 2B Solid Concrete or Concrete Block Option

#### WARNING:

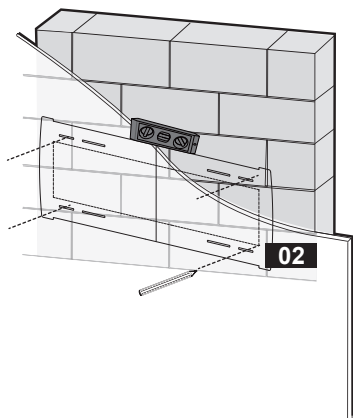
- Avoid potential personal injury or property damage! DO NOT over-tighten the lag screws [A1]. Tighten the lag screws [A1] only until the washers [A2] are pulled firmly against the front support.
- Ensure the front support is securely fastened to the wall before continuing to the next step.
- Any material covering the wall must not exceed 5/8 in. (16mm)
- Mount the front support directly onto the concrete surface
- Minimum solid concrete thickness: 203 mm (8 in.)
- Minimum concrete block size: 203 x 203 x 406 mm (8 x 8 x 16 in.)
- Never drill into the mortar between blocks.



Wall  
Anchor

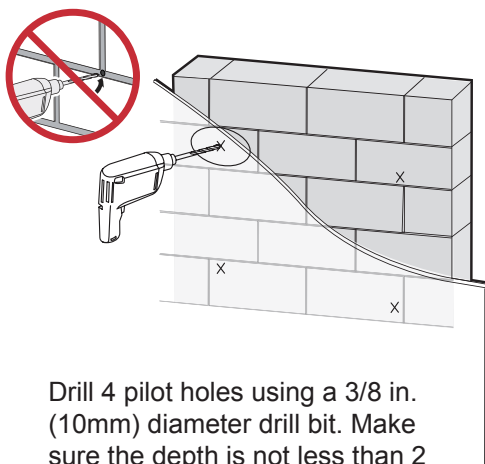
**A3**

## 2B-1

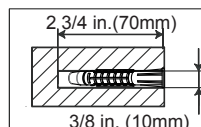


Position the wall plate template [02] at your desired height, level the wall plate template and mark the pilot hole locations.

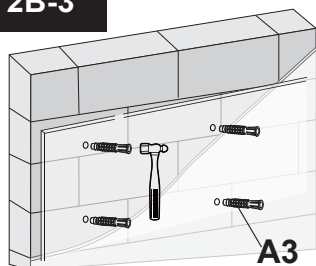
## 2B-2



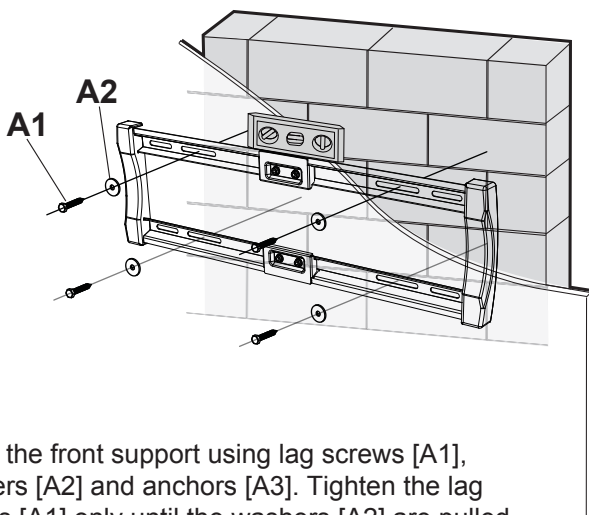
Drill 4 pilot holes using a 3/8 in. (10mm) diameter drill bit. Make sure the depth is not less than 2 3/4 in. (70mm). Never drill into the mortar between blocks.



## 2B-3



Use the hammer to knock anchors [A3] into the wall. Be sure the anchors [A3] are seated flush with the concrete surface.

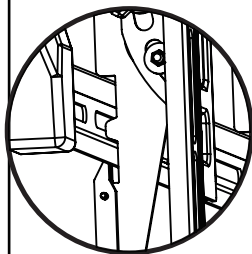
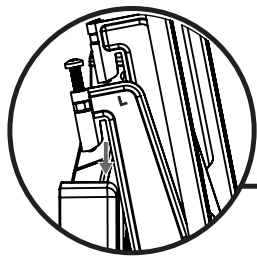


Install the front support using lag screws [A1], washers [A2] and anchors [A3]. Tighten the lag screws [A1] only until the washers [A2] are pulled firmly against the front support. **DO NOT** over-tighten the lag screws [A1].



1/2 in. (13mm)  
Socket Wrench  
(Not included)

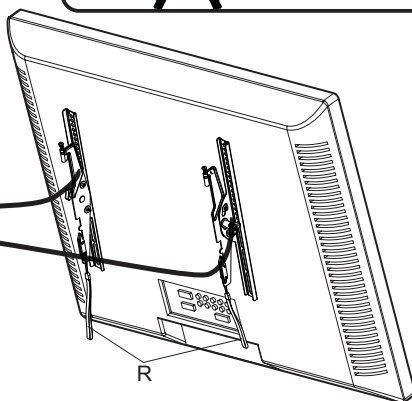
## Step 3 Secure Your TV to the Front Support



**Lock**

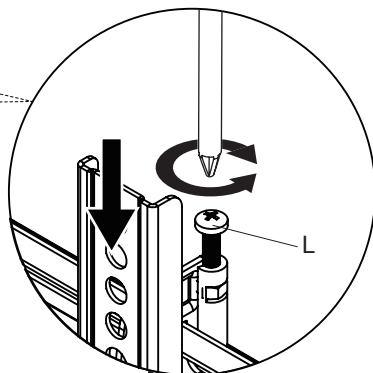
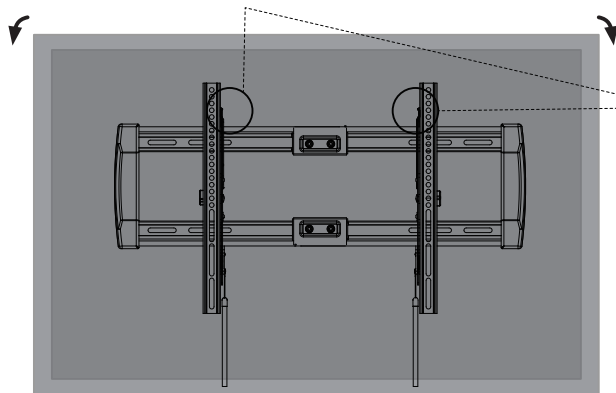


**HEAVY!** You may need assistance with this step.

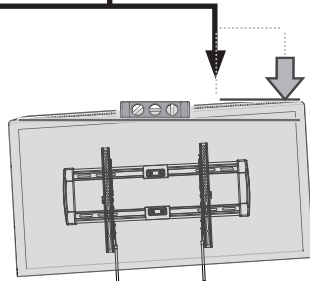
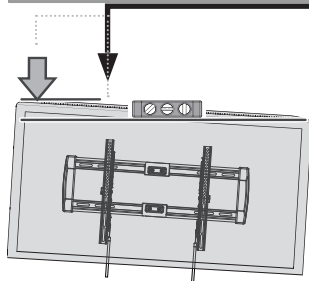


1. Hang the TV with TV brackets [03] and [04] to the front support.
2. Press the bottom of the TV into the front support until the latches lock the TV in place.

## Adjustment 1 Level Adjustment



1. Slightly loosen the two level bolts [L].
2. Level the TV.
3. Tighten the level bolts [L] to secure the TV in place.

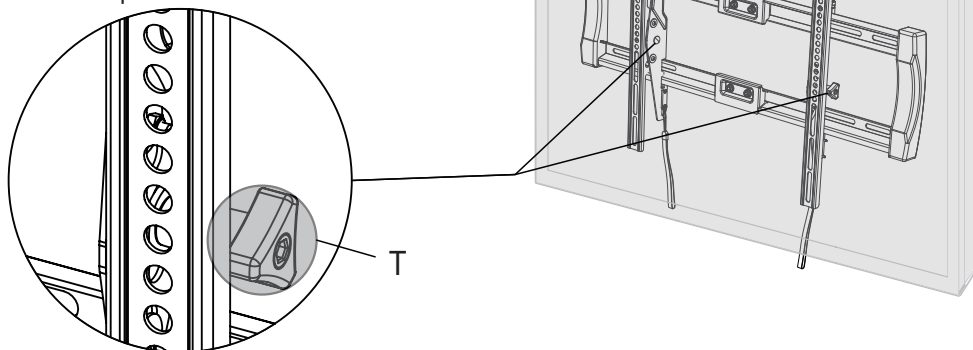


## Adjustment 2 Tilt Adjustment

Your TV should be adjusted easily when moved, then stay in place. If your TV is too loose or too tight, adjust side tension knob [T] .

**NOTE:** Once your TV is in place, tighten the side tension knob [T] to prevent unwanted movement.

1. Slightly loosen the both knobs [T].
2. Adjust the TV to your desired tilt angle.
3. Fasten the two knobs to secure the TV in place.



## Adjustment 3 Remove the TV



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

Disconnect all cables, pull down and hold both cords [R] while gently pulling the bottom of the TV away from the wall.

**CAUTION:** Avoid potential personal injury or property damage!

To prevent the latches from breaking, always pull and hold the cords [R] down while pulling the TV away from the wall. Then lift the TV up. Place the TV on cardboard or other protective surface to avoid damage.

**NOTE:** To rehang the TV, follow the procedures in Step 3

