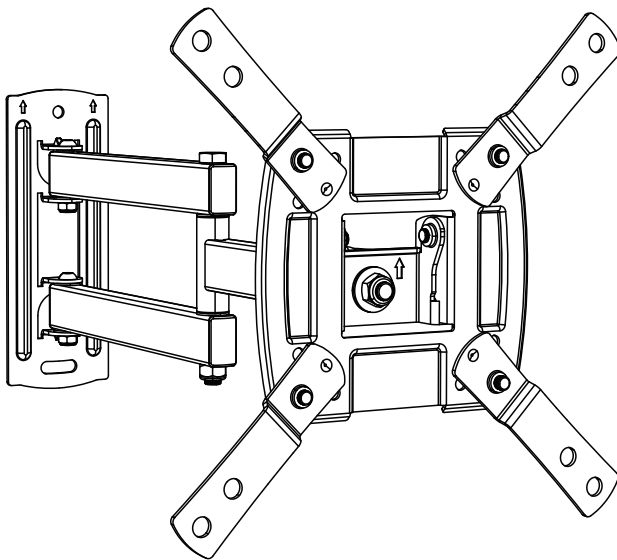




# Full Motion TV Wall Mount Instruction Manual

Rev00(A)



**Model: APSF3**

Thank you for choosing this Alphamount product! At Alphamount 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 at [support@alphamount.com](mailto:support@alphamount.com).

## IMPORTANT SAFETY INFORMATION

• Please carefully read all instructions before attempting installation. If you do not understand the instructions or have any questions or concerns, please contact our customer service at [support@alphamount.com](mailto:support@alphamount.com).

**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.

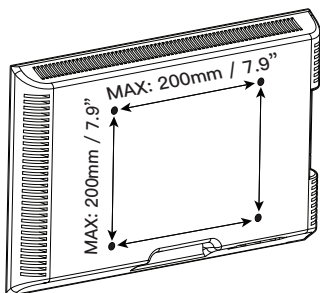
## Weight Restrictions



### WARNING

DO NOT exceed the maximum weight indicated. This mounting system is intended for use only with 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 damage and or injury.

## Check the VESA Pattern of Your TV before the Installation



For VESA hole pattern:

75 x 75mm (3 x 3")  
100 x 100mm (3.9 x 3.9")  
100 x 200mm (3.9 x 7.9")  
200 x 100mm (7.9 x 3.9")  
200 x 200mm (7.9 x 7.9")

Minimum VESA pattern:

75mm / 3"(W) x 75mm / 3"(H)

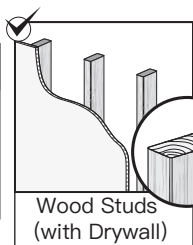
If your TV VESA is greater than 200 x 200mm / 7.9 x 7.9" or less than VESA 75 x 75mm / 3 x 3", this mount is NOT compatible.

If this mount is NOT compatible, please contact customer service at [support@alphamount.com](mailto:support@alphamount.com) to find a compatible mount.

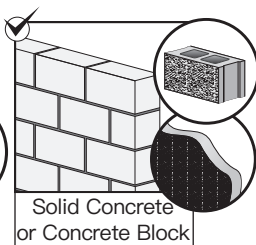
## Verify Your Wall Construction

### CAUTION

DO NOT  
install into  
drywall alone



Wood Studs  
(with Drywall)



Solid Concrete  
or Concrete Block

If you are are not sure of the wall construction, please contact our customer service at [support@alphamount.com](mailto:support@alphamount.com).

## Tools Needed (Not Included)



Tape  
Measure



Pencil



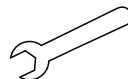
7/16" (11mm)  
Socket Wrench



Drill



Hammer



1/2" (13mm)  
Wrench



Level

### Tools Needed For Wood Stud Installation



5/32" (4mm)  
Wood Drill Bit



Stud Finder

OR



Awl

### Tools Needed For Solid Concrete and Concrete Block Walls Installation



3/8" (10mm)  
Concrete Drill Bit



Hammer

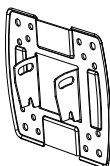
## Supplied Parts and Hardware

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

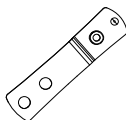
Before starting assembly, verify all parts are included and undamaged. Do not use damaged or defective parts. If you require replacement parts, contact our customer service at [support@alphamount.com](mailto:support@alphamount.com).

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

## Supplied Parts and Hardware for Step 1



**01** x 1  
Faceplate



**02** x 4  
Extender Bracket

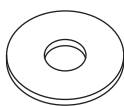


Bolt  
M6 x 8mm  
[G] X 4

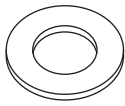
# Supplied Parts and Hardware for Step 2

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

## 04 Washers



M4 / M5  
[B1] x 4

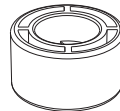


M6 / M8  
[B2] x 4

## 05 Spacers [If needed]



L2.5mm  
[F1] x 4

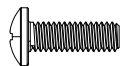


L10mm  
[F2] x 8

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

## 06 TV Bolts [Only one bolt size fits your TV]

M4

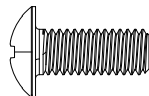


M4 x 12mm  
[C1] x 4

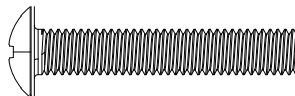


M4 x 30mm  
[C2] x 4

M6

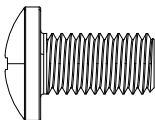


M6 x 15mm  
[D1] x 4

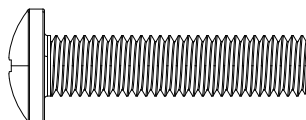


M6 x 35mm  
[D2] x 4

M8

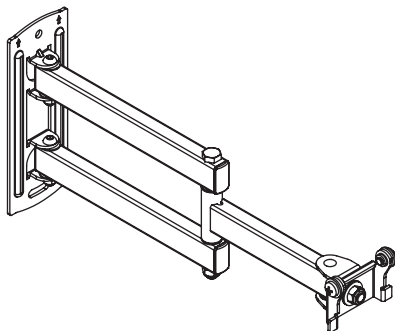


M8 x 15mm  
[E1] x 4



M8 x 35mm  
[E2] x 4

# Supplied Part and Hardware for Step 3

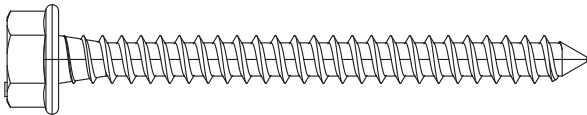


**03 x 1**

Arm Assembly / Wall Plate

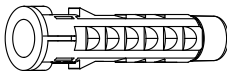
**Note:** The lag screw is shown in accordance with the actual size.

**A1** x 2      Lag Screw  
ST 1/4 x 2-3/4"



**A2** x 2      Wall Anchor  
φ10mm

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



**Step 1**    Choose the Combination that Applies to Your VESA Hole Pattern

**①**

Diagram 1 shows a VESA mounting plate with a 3x3 inch (75x75mm) hole pattern. The dimensions are labeled as 3.9 inch (100mm) for the overall width and height, and 3 inch (75mm) for the distance between the mounting holes.

For VESA hole pattern:  
3 x 3 " (75 x 75mm)  
3.9 x 3.9 " (100 x 100mm)

**②**

Diagram 2 shows a VESA mounting plate with a 7.9x7.9 inch (200x200mm) hole pattern. The dimensions are labeled as 7.9 inch (200mm) for the overall width and height.

For VESA hole pattern:  
7.9 x 7.9 " (200 x 200mm)

**③**

Diagram 3 shows a VESA mounting plate with a 7.9x3.9 inch (200x100mm) hole pattern. The dimensions are labeled as 7.9 inch (200mm) for the overall width and 4 inch (100mm) for the overall height.

For VESA hole pattern:  
7.9 x 3.9 " (200 x 100mm)

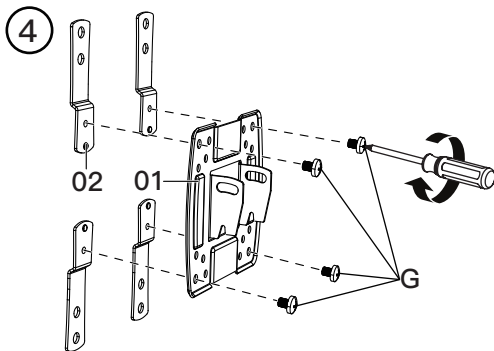
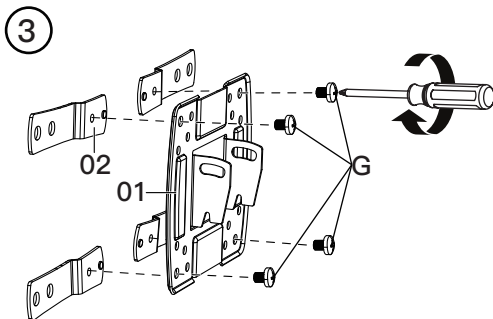
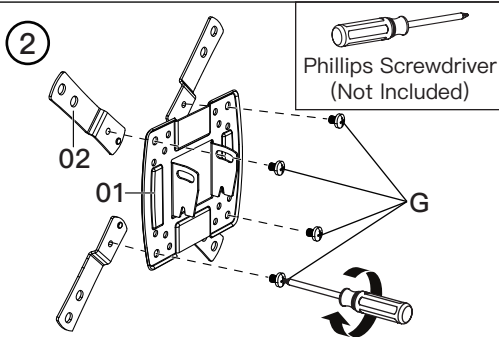
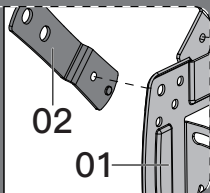
**④**

Diagram 4 shows a VESA mounting plate with a 3.9x7.9 inch (100x200mm) hole pattern. The dimensions are labeled as 4 inch (100mm) for the overall width and 7.9 inch (200mm) for the overall height.

For VESA hole pattern:  
3.9 x 7.9 " (100 x 200mm)

Attach the extender brackets [02] to faceplate using 4 bolts [G] for pattern ②, ③ and ④. Do not fully tighten the bolts until Step 2 is complete.

**Note:** The small bump on the extender bracket [02] should be aligned with the hole on the faceplate [01].



## Step 2 Secure the Faceplate [01] or Faceplate [01] with Extender Brackets [02] to TV

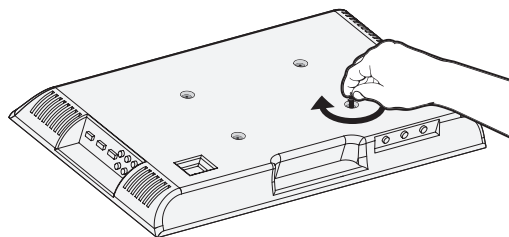
### Select TV Bolts

Only one bolt size fits your TV.

M4

M6

M8



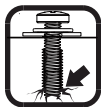
Bolt length: Verify adequate thread engagement with bolts or bolts / spacers combination. We recommend thread engagement by at least 5 turns.

–Too short will not hold the TV.

–Too long will damage the TV.



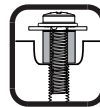
Too Short



Too Long



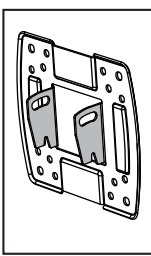
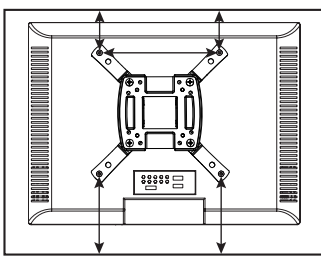
Correct



Correct



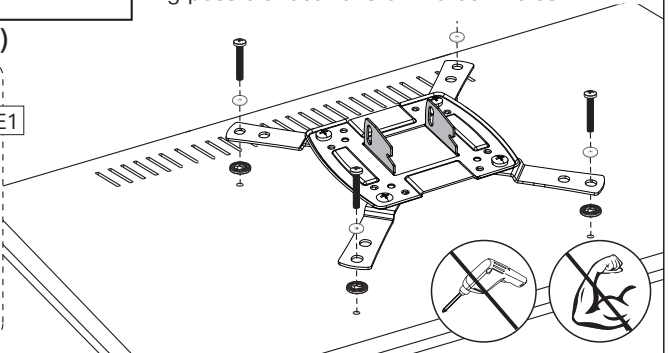
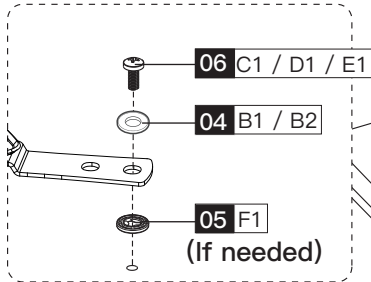
**Please Note:** When using the spacers it is important to note that they can be used in multi-layers (meaning stacked). If you have any difficulty understanding how to install the TV bolts or spacers, please contact customer service at [support@alphamount.com](mailto:support@alphamount.com).



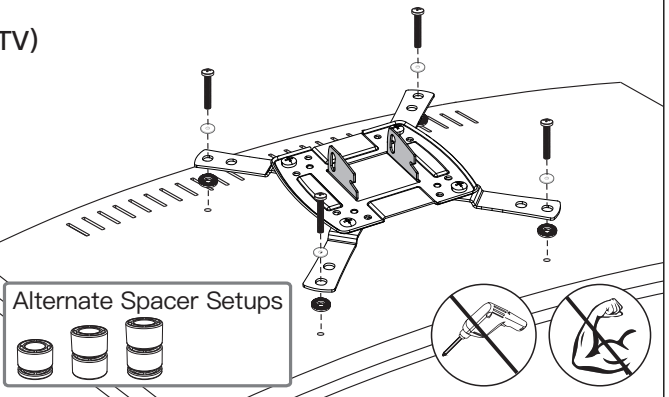
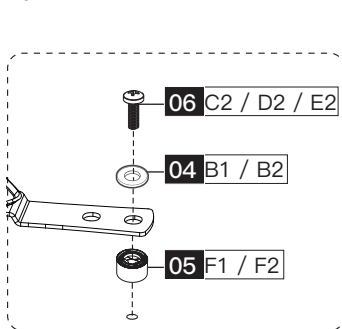
**▲ CAUTION:** Ensure the down-facing hooks are pointing to the bottom of the TV and the faceplate is **EQUALLY CENTERED** on the back of the TV.

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

### Option A (For Flat Back TV)

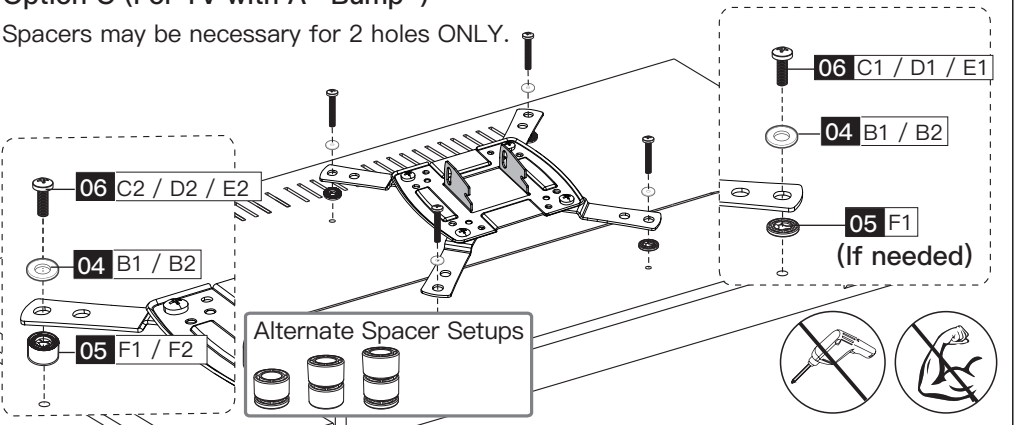


### Option B (For Round Back TV)



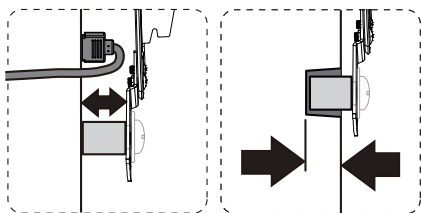
### Option C (For TV with A "Bump")

Spacers may be necessary for 2 holes ONLY.

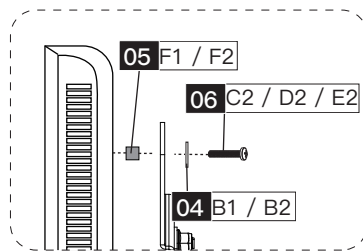
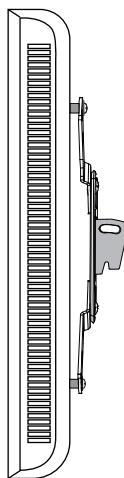


## Option D

For cable interference or inset holes, use spacers [05] to create extra space between the TV and faceplate (or faceplate with extender brackets).



Alternate Spacer Setups



When finishing securing the TV bolts into the TV, remember to tighten the bolts [G] using a Phillips screwdriver.

## Step 3 Attach the Arm Assembly / Wall Plate [03] to Wall

For wood stud installation, follow STEP 3A

For concrete installation, follow STEP 3B

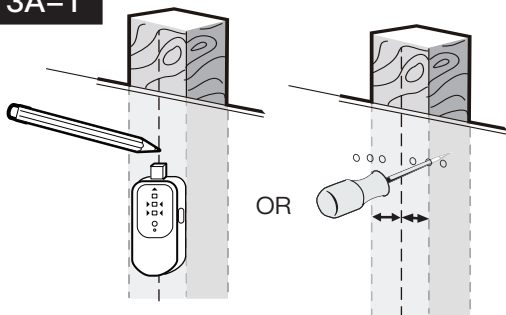
### Step 3A Wood Stud Option

#### ▲ WARNING:

- Avoid potential personal injury or property damage! DO NOT over-tighten the lag screws [A1]. Tighten the lag screws [A1] only until they are pulled firmly against the wall plate.
- DONOT USE ANCHOR [A2] FOR THIS STEP!
- Ensure the arm assembly / wall plate [03] is securely fastened to the wall before continuing to the next step.
- Any material covering the wall must not exceed 5/8 " (16mm).
- Nominal wood stud size: common 2 x 4 " (51 x 102mm) minimum 1 1/2 x 3 1/2 " (38 x 89mm).
- Stud center must be verified.



#### 3A-1



Stud Finder  
(Not Included)

OR

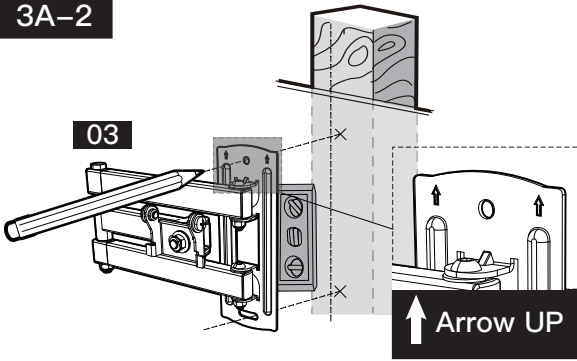


Awl  
(Not Included)

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.

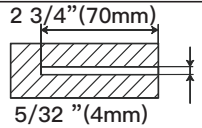
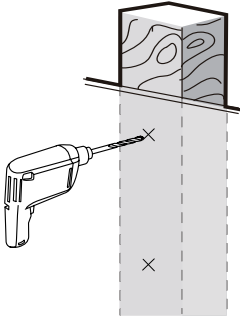


### 3A-2



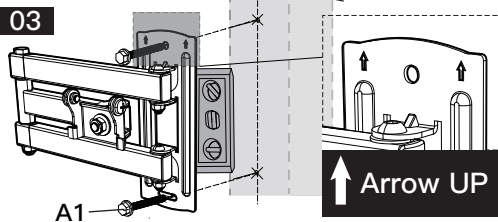
Position the arm assembly / wall plate [03] at your desired height and line up the holes with your stud center line. Level the wall plate and mark the holes.

### 3A-3



Drill 2 pilot holes using a 5/32 " (4mm) diameter drill bit. Make sure the depth is not less than 2 3/4 " (70mm).

### 3A-4

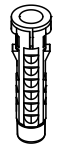


Install the arm assembly / wall plate [03] using lag screws [A1]. Tighten the lag screws [A1] only until they are pulled firmly against the wall plate.

## Step 3B Solid Concrete or Concrete Block Option

### ⚠ WARNING:

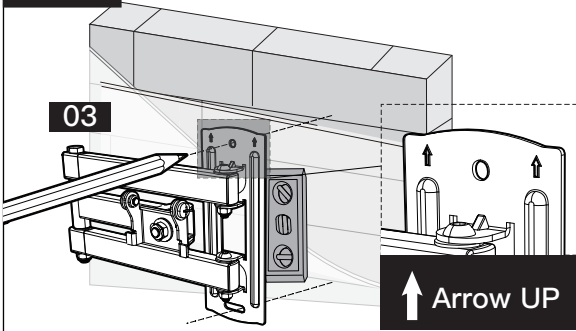
- Avoid potential personal injury or property damage! DO NOT over-tighten the lag screws [A1]. Tighten the lag screws [A1] only until they are pulled firmly against the wall plate.
- Ensure the arm assembly / wall plate [03] is securely fastened to the wall before continuing to the next step.
- Any material covering the wall must not exceed 5/8" (16mm).
- Mount the wall plate directly onto the concrete surface.
- Minimum solid concrete thickness: 8" (203mm).
- Minimum concrete block size: 8 x 8 x 16" (203 x 203 x 406mm).
- Never drill into the mortar between blocks.



Wall Anchor

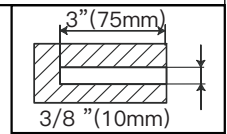
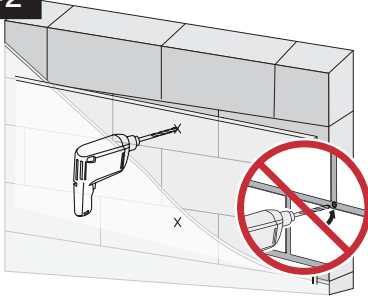
A2

### 3B-1



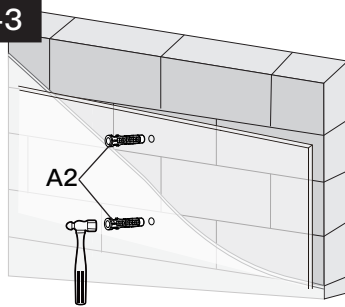
Position arm assembly / wall plate [03] at your desired height. Level the wall plate and mark the pilot hole locations.

### 3B-2



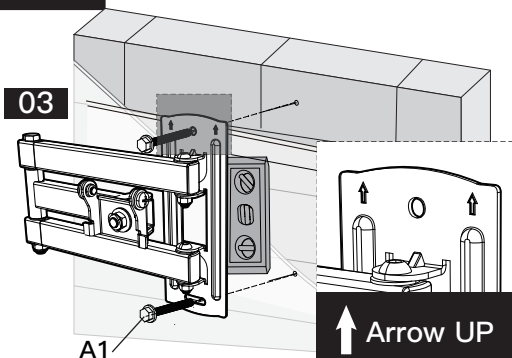
Drill 2 pilot holes using a 3/8 " (10mm) diameter drill bit. Make sure the depth is not less than 3" (75mm). Never drill into the mortar between blocks.

### 3B-3



Use the hammer to knock anchors [A2] into the wall. Be sure the anchors [A2] are seated flush with the concrete or brick surface.

### 3B-4

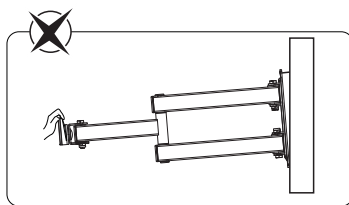
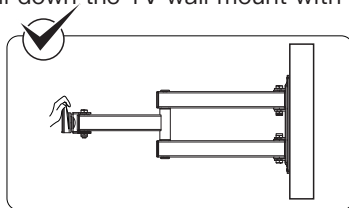
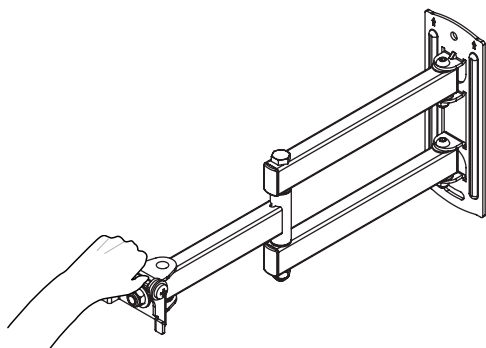


7/16 " (11mm)  
Socket Wrench  
(Not Included)

Install arm assembly / wall plate [03] using lag screws [A1] and anchors [A2]. Tighten the lag screws [A1] only until they are pulled firmly against the wall plate. DO NOT over-tighten the lag screws [A1].

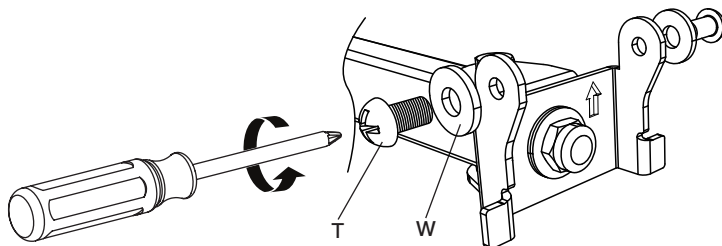
## Step 4 Verify Wall Mount Installation by Putting Pressure on Wall Mount

Before attaching the TV to the mount, please try to pull down the TV wall mount with your hands to check whether it is firmly secured.



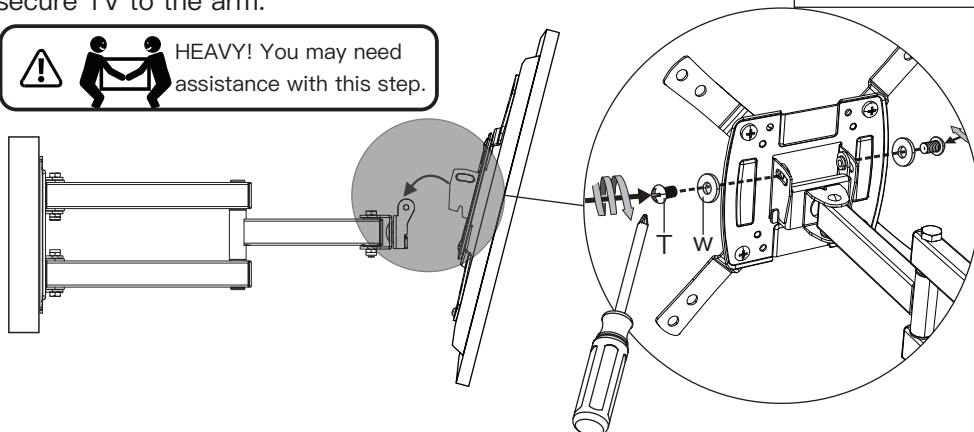
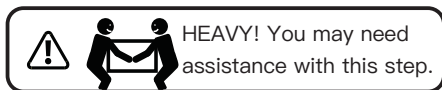
## Step 5 Secure the TV onto the Arm

Step 5-1 Remove the preassembled bolts [T] and washers [W] from the arm, and keep them for use in Step 5-3.



Step 5-2 Hang the TV to the arm.

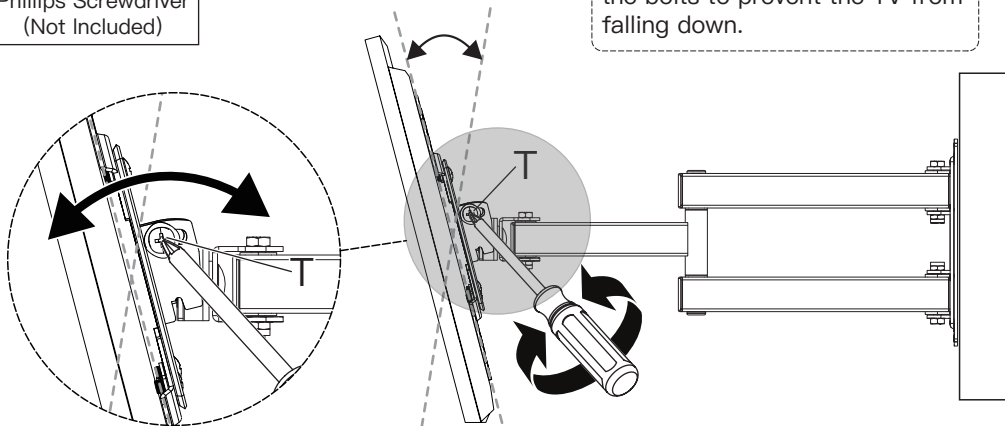
Step 5-3 Tighten the bolts [T] and washers [W] to secure TV to the arm.



## Step 6 Tilt Adjustment



**Note:** Please do not over-loosen the bolts to prevent the TV from falling down.

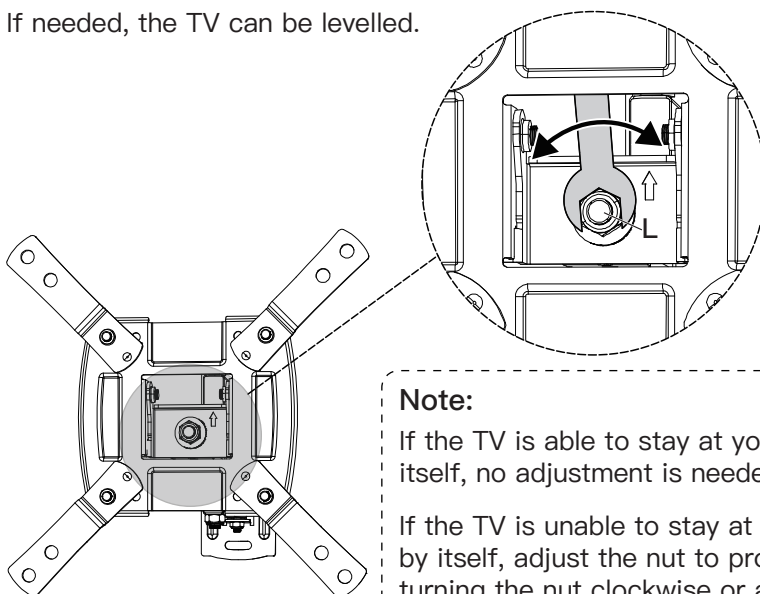


1. Loosen both tilt bolts [T] slightly.
2. Adjust TV to your desired tilt angle.
3. Retighten both tilt bolts [T] to fix the tilt angle.

## Step 7 Level Adjustment

**Note:** Please do not over-tighten or over-loosen the nut [L].

If needed, the TV can be levelled.



### **Note:**

If the TV is able to stay at your desired angle by itself, no adjustment is needed.

If the TV is unable to stay at your desired angle by itself, adjust the nut to proper tension by turning the nut clockwise or anti-clockwise.