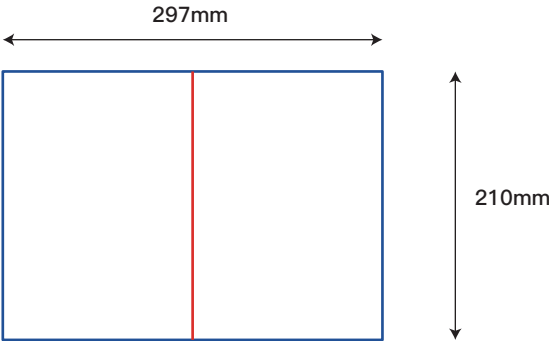


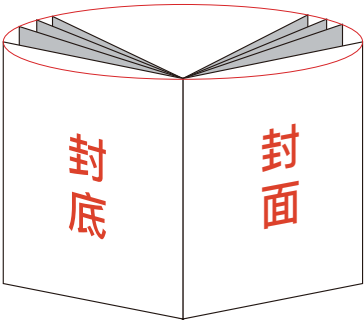
注：此页为技术说明，非印刷内容

刀模线：
内折线：

展开尺寸图：



装订效果图：



- 技术要求：
- 1、材质：封页105g 铜板纸；内页80g双胶纸
 - 2、展开尺寸：A4，如图所示装订成型为A5，20P
 - 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：骑马钉

符号标识



关键尺寸

编号



(XXX)

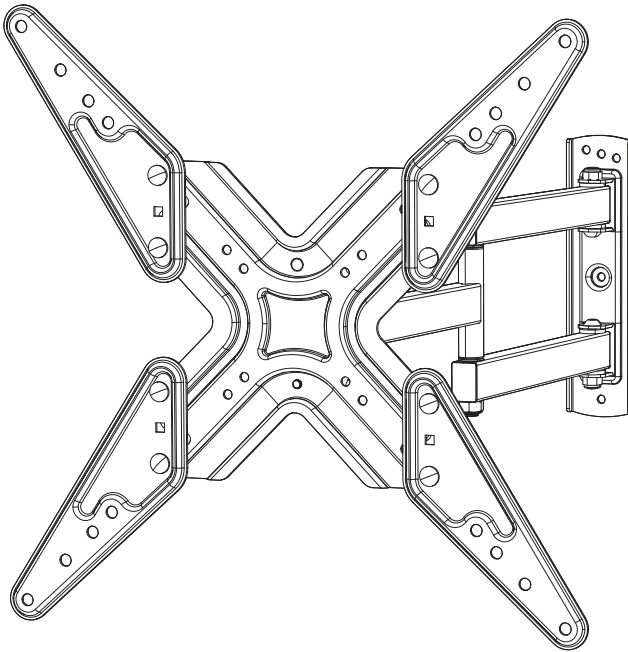
					名 称	APMFK2-Manual-SAE	PLM 号 860-00150-00		
							投影法 第一角投影法		
									
					图 号		版 本	重量G	比例
除 非 另 有 说 明	标记	处数	ECO#	发行时间					
0-30 ±1	设 计		P M		材 料		02		
30-150 ±2	绘 图	Jessica	日期	2023/10/19			共 1 页	第 1 页	
150-300 ±3	审 批		日期		规 格		深圳市倍思奇		
300-450 ±4		除去所有利边, 尖点, 毛刺				创新科技有限公司			
>450 ±5									

INSTRUCTION MANUAL

Rev02



APMFK2



Full-Motion TV Wall Mount

✉ 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 email customer service.

CAUTION: Avoid 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 studs, solid concrete and brick walls. – DO NOT install on drywall alone.
- The wall must be capable of supporting five times the weight of the TV and mount combined.

Weight Restrictions



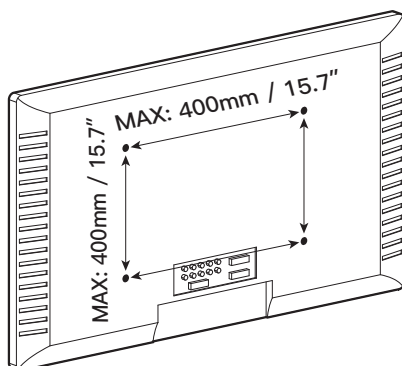
If the TV weighs more than 70 lbs (31.8kg), do not use this product.



WARNING

Do not exceed weight capacity. Exceeding weight capacity may cause instability, leading to possible injury and/or property damage.

Check the VESA Pattern of TV Before Installation



VESA Pattern Compatibility:

75 x 75mm	300 x 200mm
100 x 100mm	300 x 300mm
200 x 100mm	400 x 200mm
200 x 200mm	400 x 300mm
200 x 300mm	400 x 400mm
200 x 400mm	

Minimum VESA pattern: 75 x 75mm / 3 x 3"

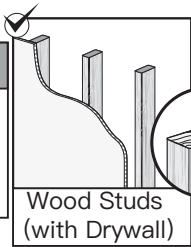
If your TV VESA is greater than 400 x 400mm / 15.7 x 15.7" or less than 75 x 75mm / 3 x 3", this mount is NOT compatible.

If this mount is NOT compatible, please email customer service to find a compatible mount.

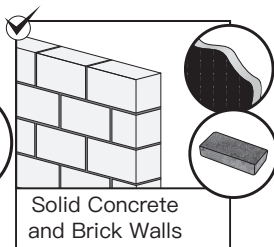
Verify Your Wall Construction

⚠ CAUTION

DO NOT
install on
drywall alone.



Wood Studs
(with Drywall)



Solid Concrete
and Brick Walls

If you are NOT sure of
the wall construction,
please email customer
service.

Tools Needed (Not Included)



Tape Measure



Drill



Pencil



7/16" (11mm)
Socket Wrench



1/2" (13mm)
Socket Wrench



Phillips
Screwdriver

(Tools Needed for Wood Stud Installation)



Stud Finder

OR



Awl



5/32" (4mm)
Wood Drill Bit

(Tools Needed for Solid Concrete and Brick Wall Installation)



3/8" (10mm)
Concrete Drill Bit



Hammer

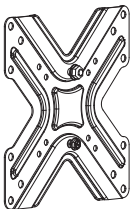
Supplied Parts and Hardware

⚠ WARNING: This product contains small parts that may pose a choking hazard.

Before starting assembly, verify all parts are included and undamaged. DO NOT use damaged or defective parts. If you require replacement parts, please email customer service.

• **NOTE:** NOT all hardware included in this package will be used.

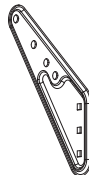
Supplied Parts and Hardware for Step 1



Faceplate **01A** x 1

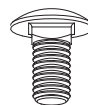


02 x 2



03 x 2

Extender Brackets



Carriage Bolt
M6 x 12mm

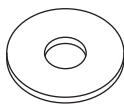
G x 8



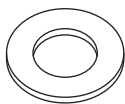
M6 Nut

H x 8

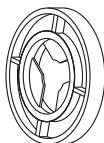
Supplied Parts and Hardware for Step 2



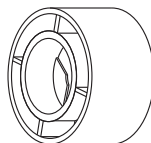
[B1] x 4
Washer
M4 / M5



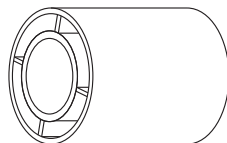
[B2] x 4
Washer
M6 / M8



[F1] x 8
Spacer
L2.5mm



[F2] x 4
Spacer
L10mm

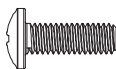


[F3] x 4
Spacer
L22mm

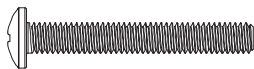
(Only one bolt size fits your TV.)

NOTE: The bolts are shown in actual size.

M4

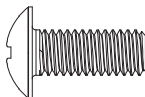


[C1] x 4
TV Bolt M4 x 12mm

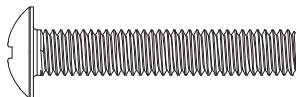


[C2] x 4
TV Bolt M4 x 30mm

M6

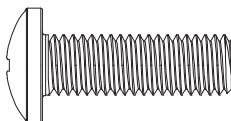


[D1] x 4
TV Bolt M6 x 15mm

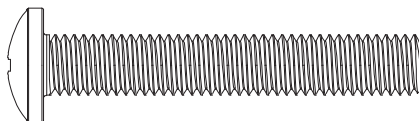


[D2] x 4
TV Bolt M6 x 35mm

M8

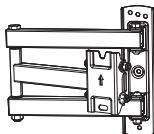


[E1] x 4
TV Bolt M8 x 25mm

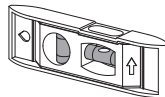


[E2] x 4
TV Bolt M8 x 50mm

Supplied Parts and Hardware for Step 3



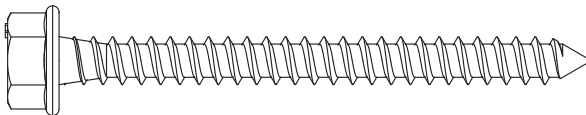
[01B] x 1
Arm Assembly / Wall Plate



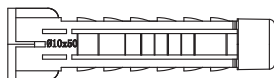
[07] x 1
Level

NOTE: The lag screw is shown in actual size.

[A1] x 4
Lag Screw
ST1/4 x 2 3/4"



A2 x 4
Wall Anchor

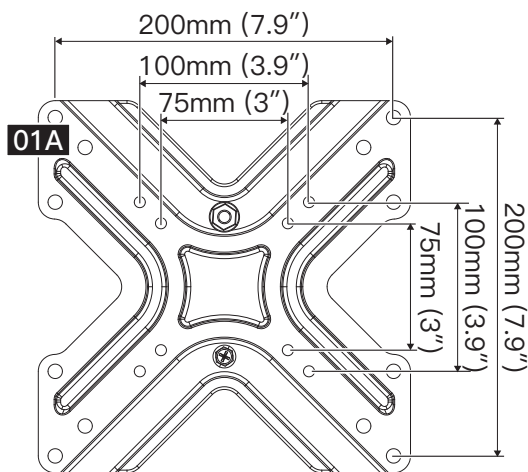


! CAUTION!

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

Step 1 Choose the Combination that Fits Your VESA Hole Pattern

Option A NO need to attach the extender brackets to faceplate. Skip to Page 07.



For VESA hole pattern:
75 x 75mm (3 x 3")
100 x 100mm (3.9 x 3.9")
200 x 100mm (7.9 x 3.9")
200 x 200mm (7.9 x 7.9")

Option B Need to attach the extender brackets to faceplate. See Fig. 1 to Fig. 4.

NOTE:

The side with bump on the extender bracket should connect with the faceplate. Please do not firmly tighten the bolts [G] and nuts [H] until Step 2 is finished.

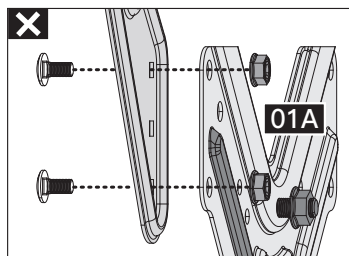
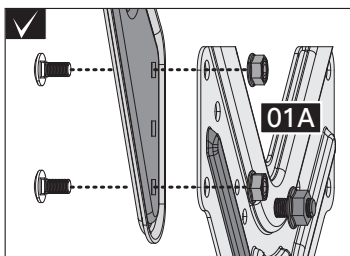
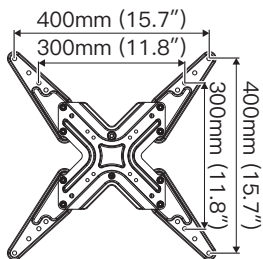
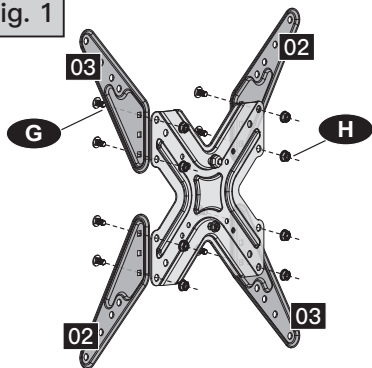
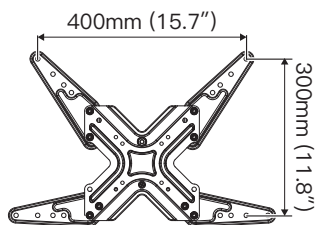
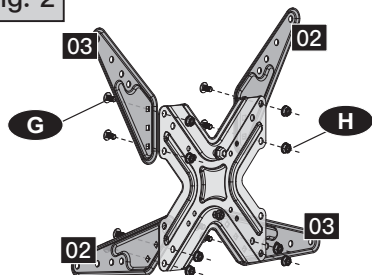


Fig. 1



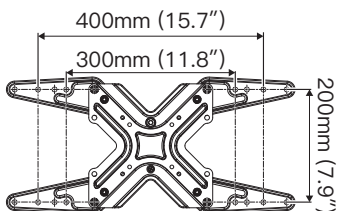
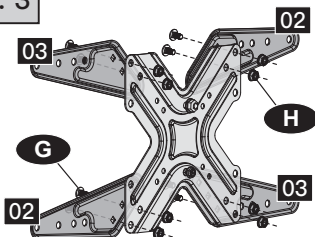
- ☒ 300 x 300mm (11.8 x 11.8")
- ☒ 400 x 400mm (15.7 x 15.7")

Fig. 2



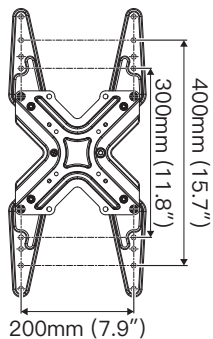
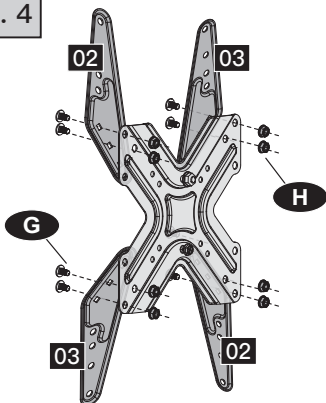
- ☒ 400 x 300mm (15.7 x 11.8")

Fig. 3



- ☒ 300 x 200mm (11.8 x 7.9")
- ☒ 400 x 200mm (15.7 x 7.9")

Fig. 4

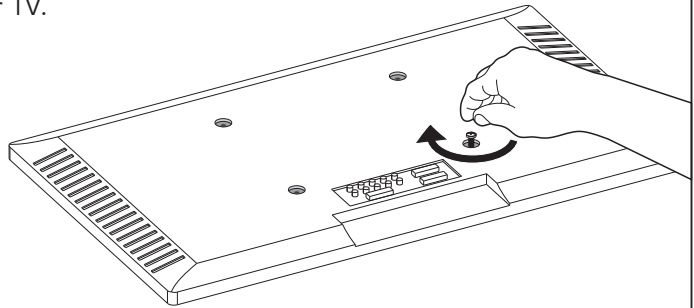


- ☒ 200 x 300mm (7.9 x 11.8")
- ☒ 200 x 400mm (7.9 x 15.7")

Step 2 Secure the Faceplate or Faceplate with Extender Brackets to TV

Select TV Bolts

Only one bolt size fits your TV.

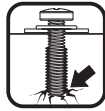


Bolt length: Verify adequate thread engagement with bolts or bolts/spacers combination. We recommend thread engagement by at least 5 turns.

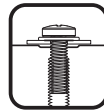
- Too short will not hold the TV.
- Too long will damage the TV.



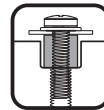
Too Short



Too Long

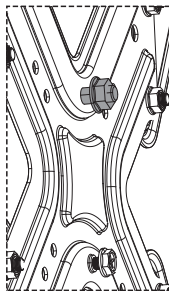
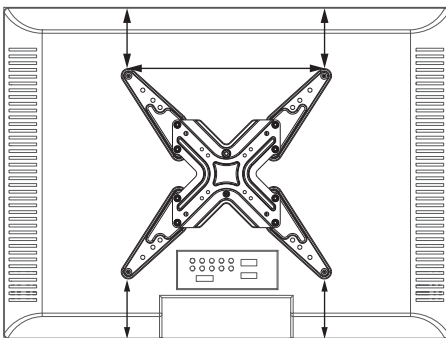


Correct



Correct

NOTE: When using the spacers, it is important to note that they can be used in a stacked configuration. If you have any difficulty understanding how to install the TV bolts or spacers, please email customer service.



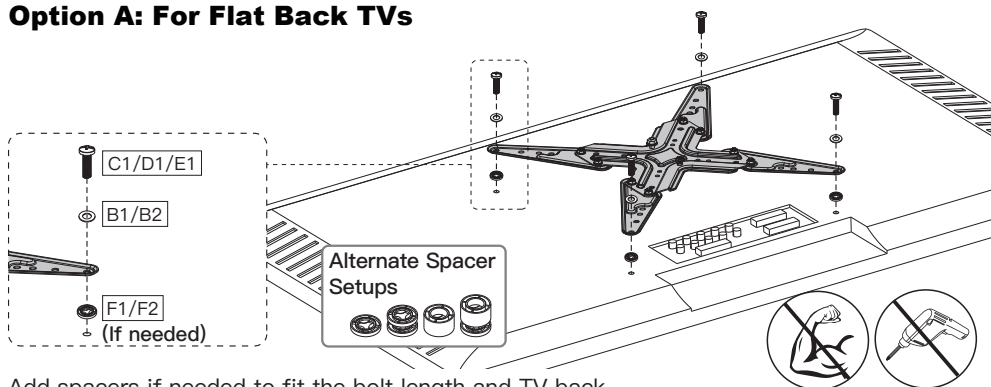
CAUTION:

Ensure the pre-assembled nut is pointing to the top of TV and the faceplate with extender brackets is equally centered on the back of the TV.



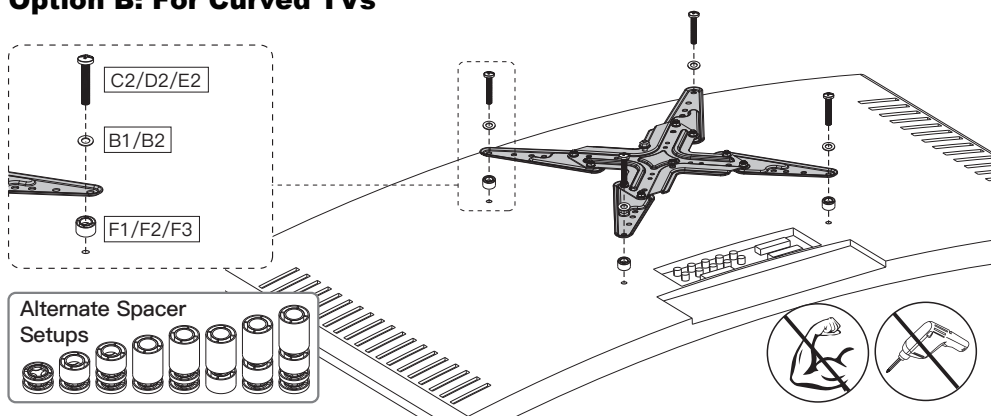
NOTE: The bolt hole locations on your TV may vary in accordance with the manufacturer's design of the TV. We are only illustrating possible locations of the bolt holes.

Option A: For Flat Back TVs



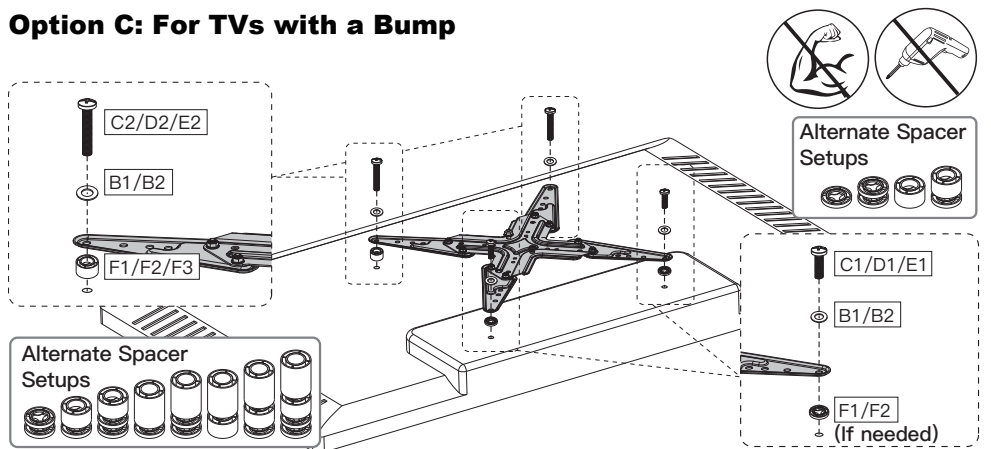
Add spacers if needed to fit the bolt length and TV back.

Option B: For Curved TVs



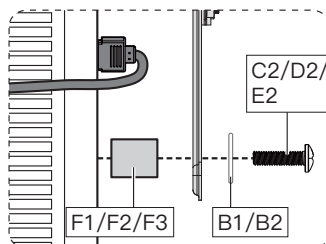
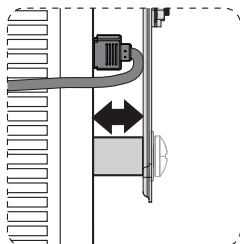
Spacers must be tall enough so that the curved back of the TV does not interfere with the mounting plate.

Option C: For TVs with a Bump



The faceplate must be flush on the bump and leveled by spacers on the gap.

Option D: For TVs with Protruding Cables



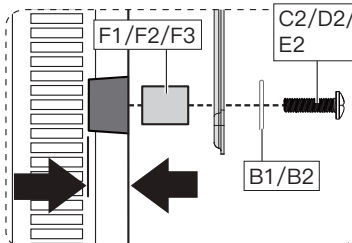
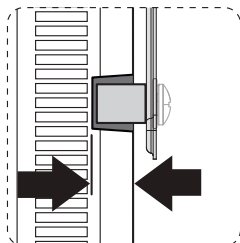
Alternate Spacer
Setups



Use spacers to create extra space between the TV and faceplate.



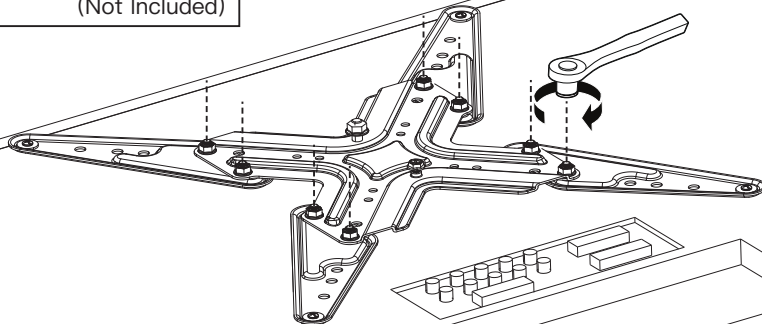
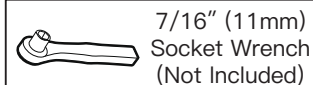
Option E: For TVs with Recessed Holes



Alternate Spacer
Setups



Spacers need to fill in the recessed holes on the back of the TV, while keeping the faceplate as close to the TV as possible.



! When you finish securing the TV bolts into the TV, please remember to tighten nuts [H] using a socket wrench.

Step 3 Attach the Arm Assembly / Wall Plate to the Wall

For wood stud installation, follow Step 3A.

For solid concrete or brick walls installation, follow Step 3B.

Step 3A Wood Stud Installation

WARNING:

● Avoid personal injury or property damage! DO NOT use a drill for tightening the lag screws [A1]. Only use a socket wrench. DO NOT over-tighten the lag screws [A1]. Tighten the lag screws [A1] only until they are pulled firmly against the wall plate.

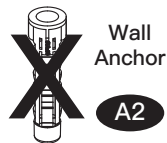
● DO NOT USE THE WALL ANCHOR [A2] FOR THIS STEP.

● Ensure the arm assembly / wall plate [01B] is securely fastened to the wall before continuing to the next step.

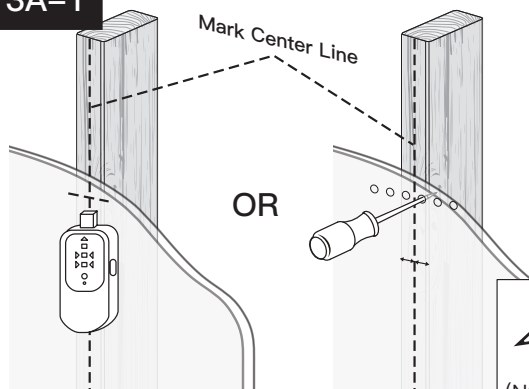
● Any material covering the wall must NOT exceed 5/8" (16mm).

● Minimum wood stud size: 1 1/2" W x 3 1/2" D (38 x 89mm)

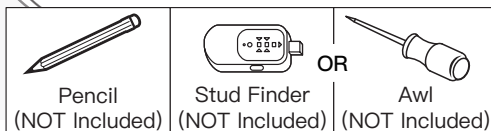
● Stud center must be verified.



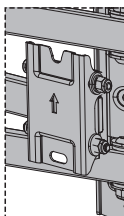
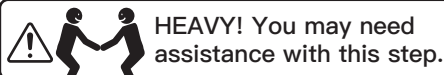
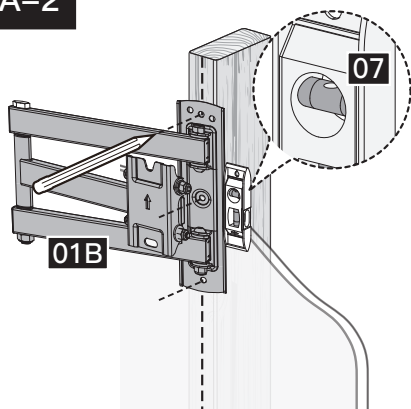
3A-1



Use a stud finder to locate wood studs OR use an awl to find the edges. Mark the edge and center locations.

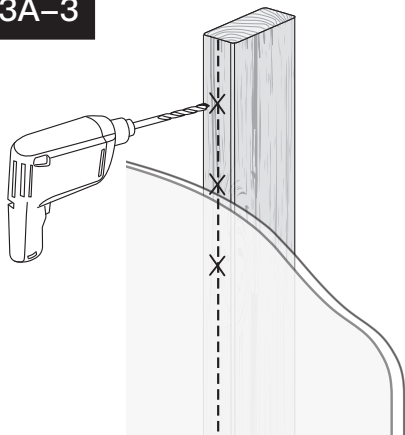


3A-2

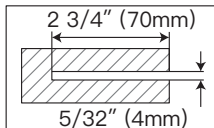


Position the arm assembly / wall plate [01B] at your desired height and line up the holes with your stud centerline. Level the wall plate and mark the holes.

3A-3



Drill
(Not Included)

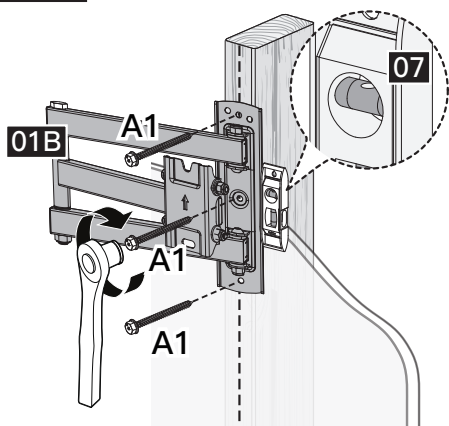


Drill 3 pilot holes using a 5/32" (4mm) diameter drill bit. Make sure the depth is not less than 2 3/4" (70mm).



NOTE: Be sure to drill into the center of the studs.

3A-4



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

Install the arm assembly / wall plate [01B] using lag screws [A1]. Tighten the lag screws [A1] only until they are pulled firmly against the wall plate. **DO NOT** over-tighten the lag screws.



HEAVY! You may need assistance with this step.

Step 3B Solid Concrete or Brick Walls Installation

WARNING:

- Avoid personal injury or property damage! **DO NOT** use a drill for tightening the lag screws [A1]. Only use a socket wrench. **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 [01B] 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)
- Never drill into the mortar between bricks.

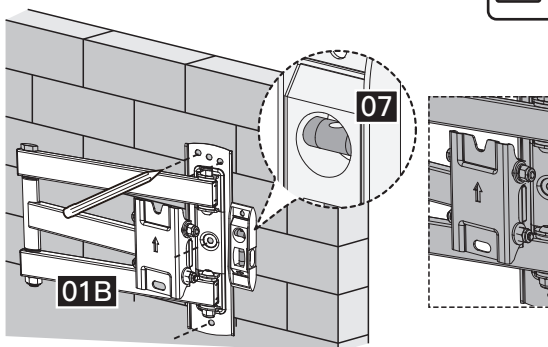


Wall
Anchor

A2

3B-1

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

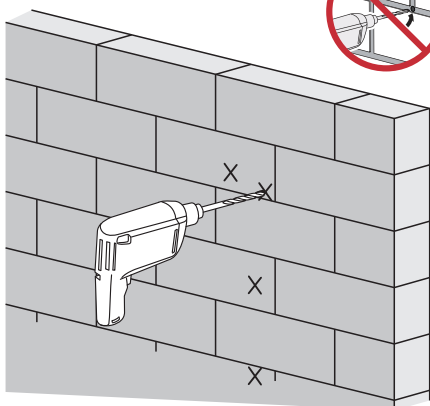
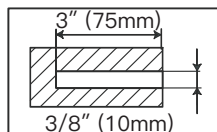


Position arm assembly / wall plate [01B] at your desired height. Level the wall plate and mark the pilot hole locations.

3B-2



 Drill
(Not Included)

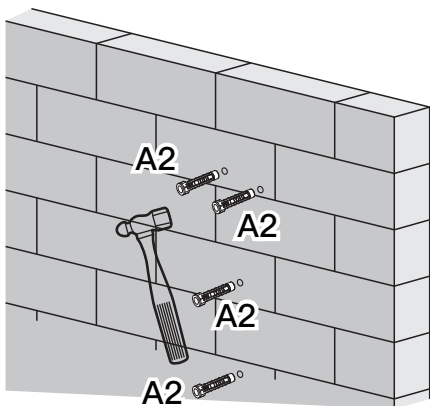


Drill 4 pilot holes using a 3/8" (10mm) diameter drill bit. Make sure the depth is not less than 3" (75mm). Never drill into the mortar between bricks.

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

3B-3

 Hammer
(Not Included)



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

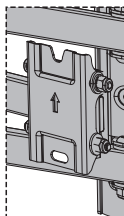
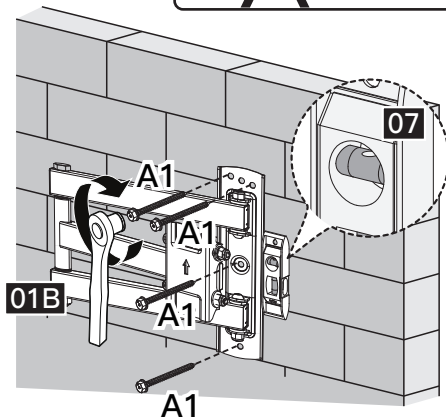
3B-4



HEAVY! You may need assistance with this step.

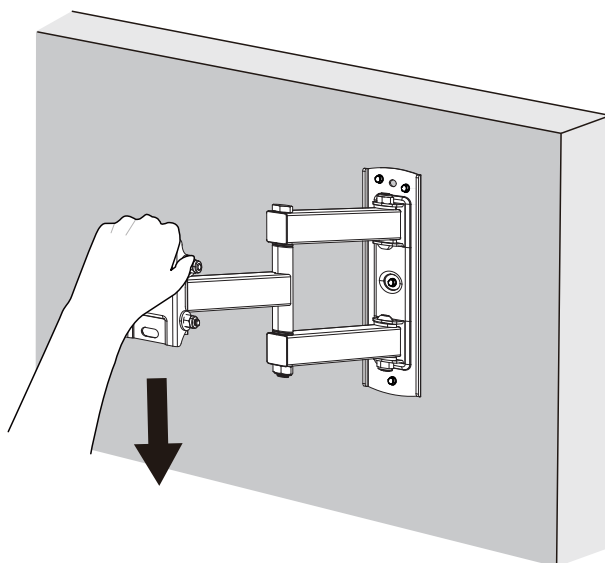


7/16" (11mm)
Socket Wrench
(Not Included)



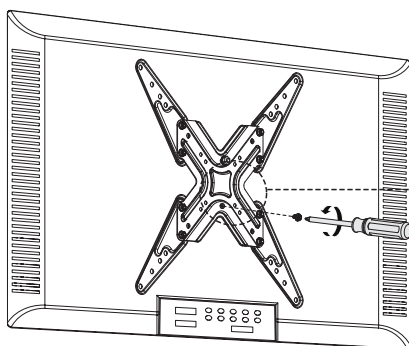
Install arm assembly / wall plate using lag screws [A1]. Tighten the lag screws [A1] only until they are pulled firmly against the wall plate. **DO NOT** over-tighten the lag screws.

Step 4 Verify that the Mount is Firmly Mounted

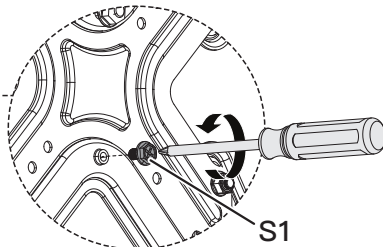


Step 5 Secure the TV onto the Arm Assembly / Wall Plate

5-1 Slightly loosen the pre-assembled bolts [S1].



Phillips
Screwdriver
(Not Included)



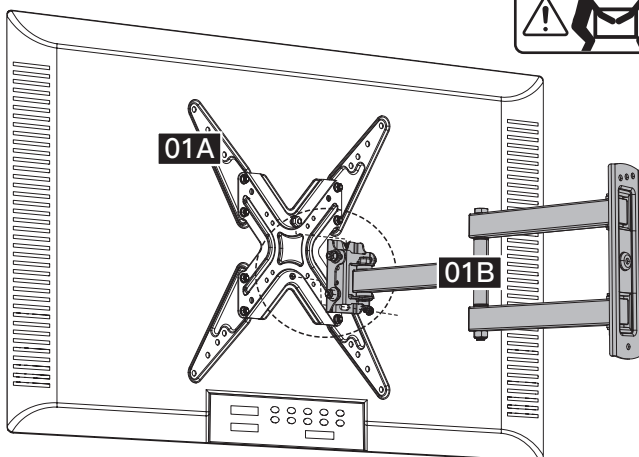
5-2 Hang the TV to the arm assembly / wall plate [01B], making sure the upper bolt hangs on the hook on the arm assembly / wall plate [01B].

5-3 Tighten the bolt [S1] to secure the TV to the arm assembly / wall plate [01B].

5-4 Tighten the top nut.

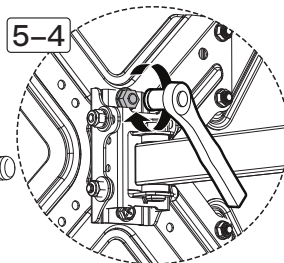
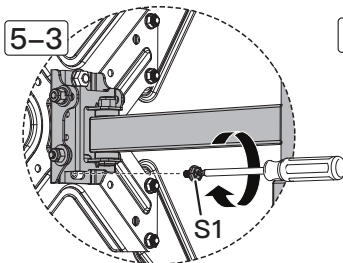
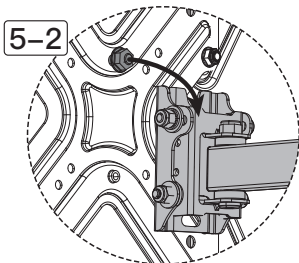


HEAVY! You may need assistance with this step.



1/2" (13mm)
Socket Wrench
(Not Included)

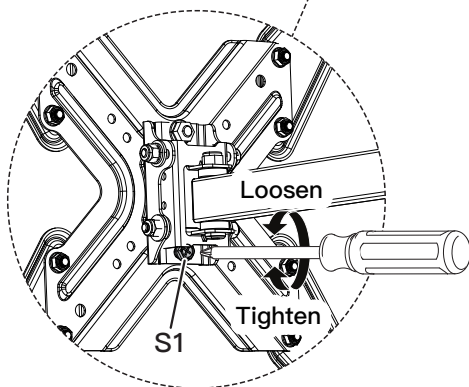
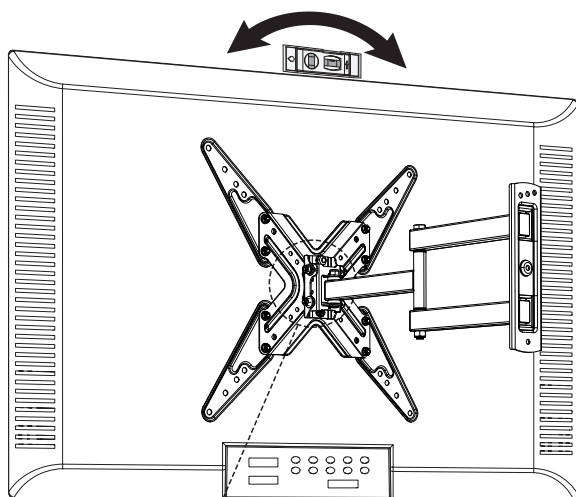
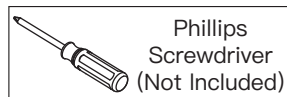
Phillips
Screwdriver
(Not Included)



Step 6 Level Adjustment

If needed, the TV can be levelled.

1. Slightly loosen the bolt [S1].
2. Level your TV.
3. Retighten the bolt [S1] to secure TV in place.

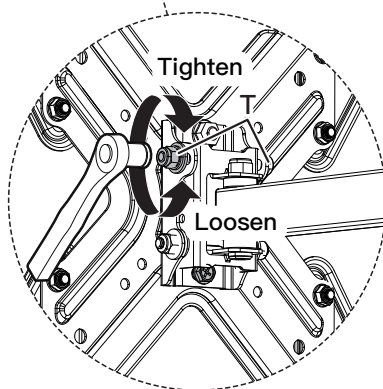
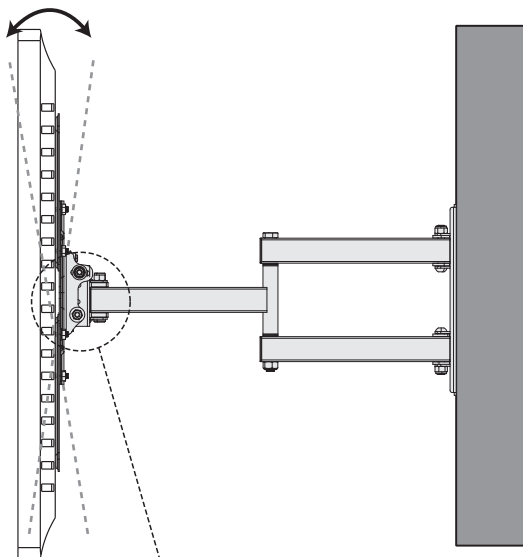
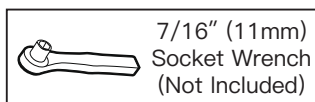
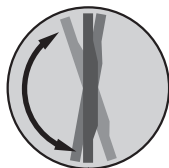


CAUTION!

Please do not over-tighten or over-loosen the bolt.

Step 7 Tilt Adjustment

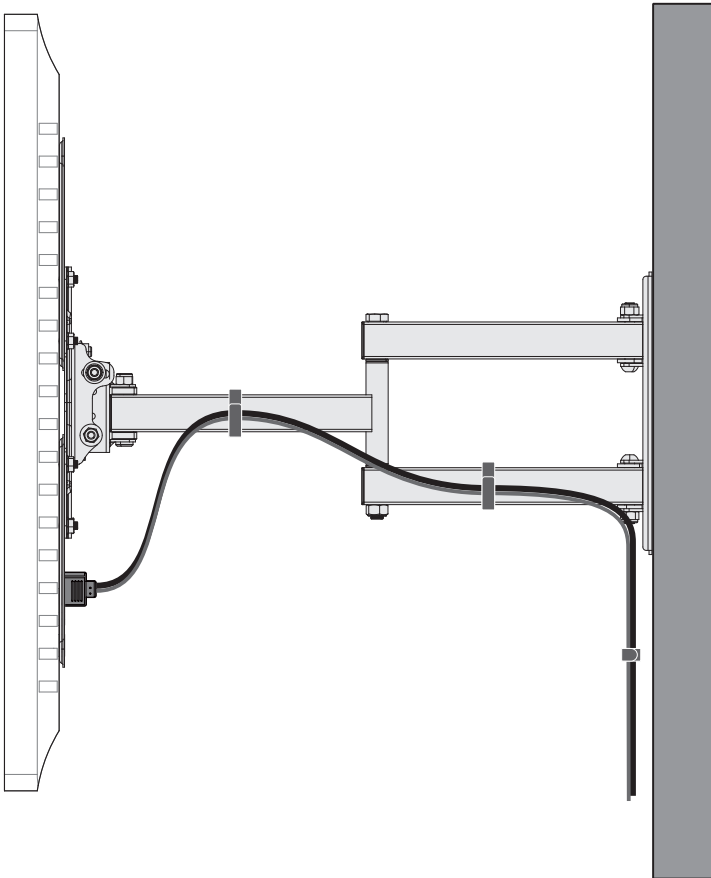
1. Slightly loosen nuts [T].
2. Adjust the TV to the desired tilting position.
3. Re-tighten nuts [T] to hold the TV in position.



Frequently Asked Questions

Question 1 How should I manage the cables?

- Use the cable ties.



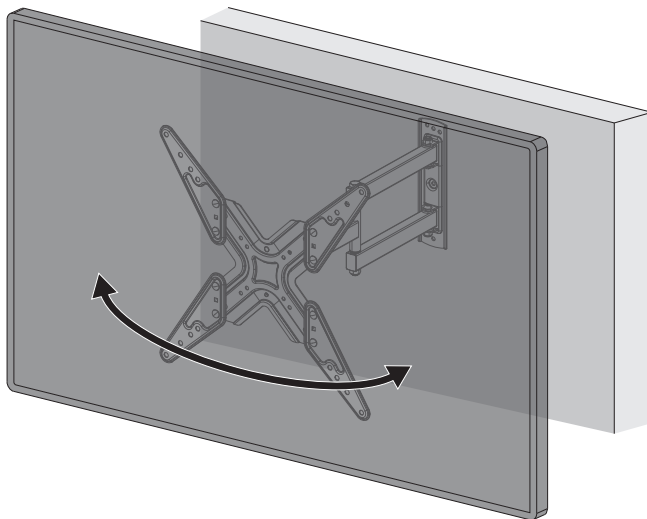
Question 2 How do I find the right height for mounting the TV?

The simplest method is to position the TV so that the center is the same height as your eye level while viewing. Scan the QR code to watch the mounting video, which covers this in more detail.

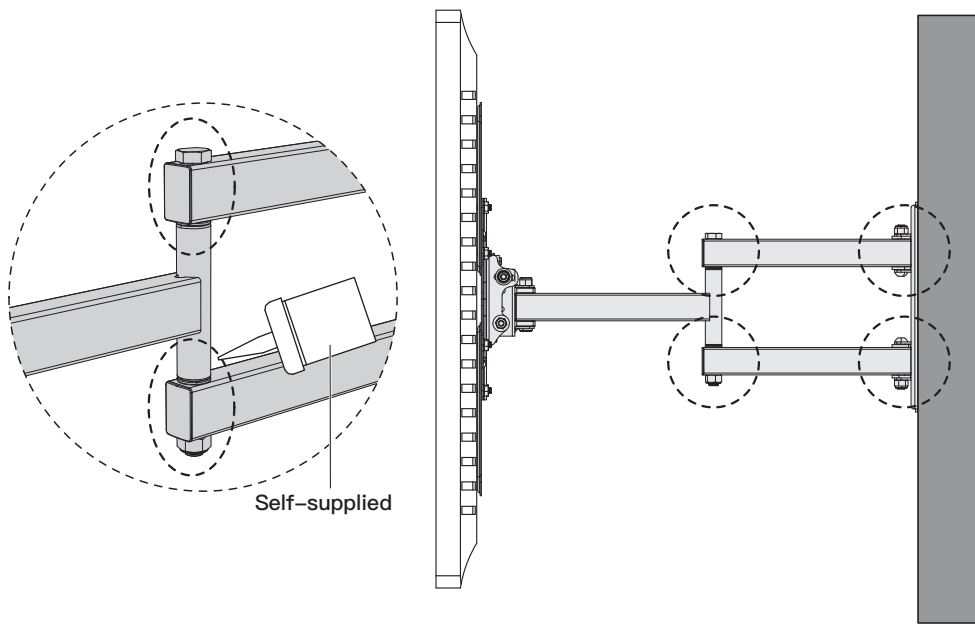


Question 3 It's too hard to adjust the swivel angle or extension of the TV Wall Mount.

1. Mount the TV and Wall Mount on the wall before trying to move the arms. Only move the TV by the left and right edges. Do not push on the screen of the TV.



2. If you have tried Option 1 but adjustment is still too hard, try lubricating the arm joints with a few drops of machine oil.





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