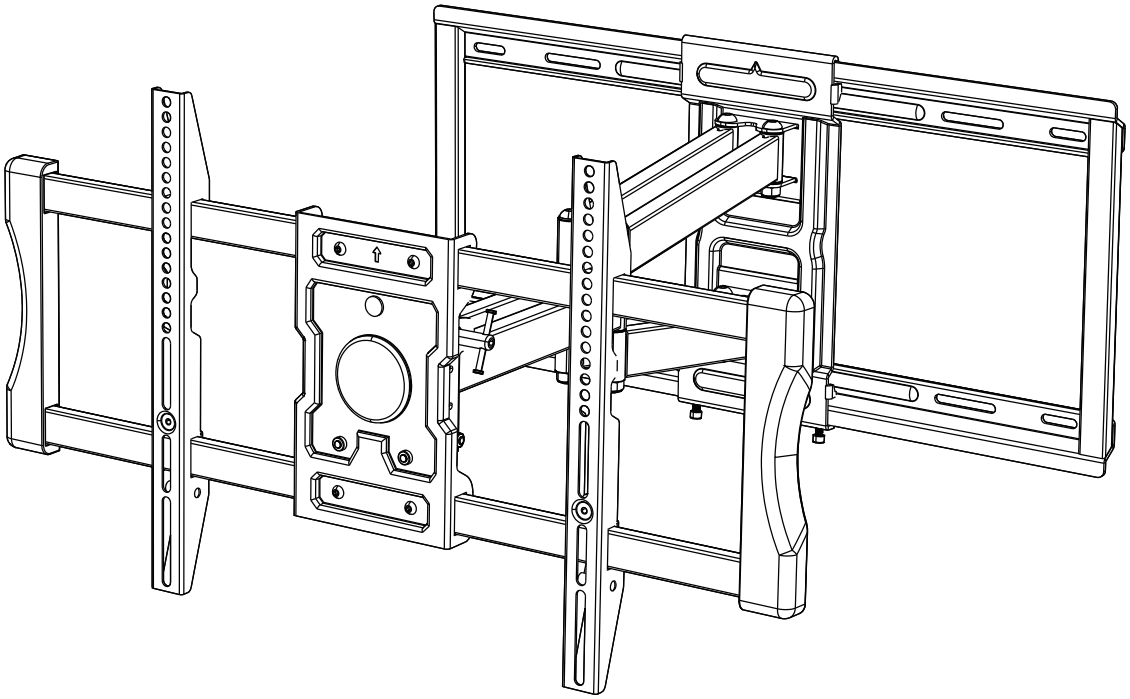
Motion TV Mount Instruction Manual

(A)



Model: ERMML1-01B

Thank You for Choosing this ErgoAV Product!

At ErgoAV, we want to add value to your AV experience by providing the highest quality products and services in the industry. If you have any concerns or comments, please contact us.

ErgoAV Customer Care
phone (877) 419-7832
email: support@ergoav.com
website: www.ergoav.com
address: 9501 Louisiana Ave N, #200, Brooklyn Park, MN 55445

IMPORTANT SAFETY INFORMATION

⚠**DANGER!** Please carefully read all instructions before attempting installation. If you do not understand the instructions or have any concerns or questions, please contact Technical Support at (877) 419–7832 or Customer Service at support@ergoav.com.

⚠**CAUTION:** Use with products heavier than the maximum weights indicated may result in instability causing possible injury.

• 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 or solid concrete walls. — DO NOT install into drywall alone.

• The wall must be capable of supporting four times the weight of the TV and mount combined.

• Use this mounting system only for its intended use 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.

Weight Restrictions

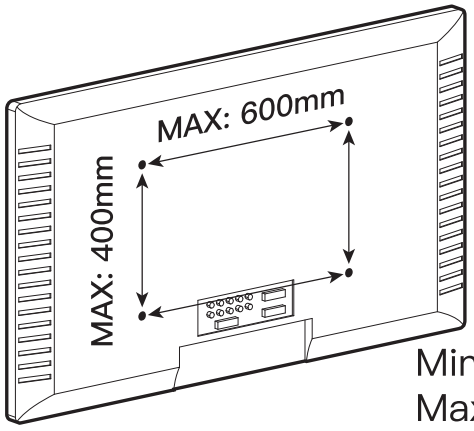


If your TV weighs more, this mount is NOT compatible.

⚠ 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 damage and or injury.

Check the VESA Pattern of Your TV before the Installation



100 mm ≈ 4″
200 mm ≈ 7 7/8″
300 mm ≈ 11 3/4″
400 mm ≈ 15 3/4″
600 mm ≈ 23 5/8″

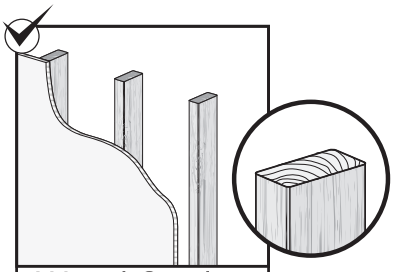
Minimum: 200mm x 100mm / 7 7/8″ x 4″ (W x H)
Maximum: 600mm x 400mm / 23 5/8″ x 15 3/4″ (W x H)

If your TV's VESA Pattern is smaller than 200mm x 100mm or greater than 600mm x 400mm, this mount is NOT COMPATIBLE with your TV. Please contact our Technical Support at (877) 419–7832 or Customer Service at support@ergoav.com to find a compatible mount.

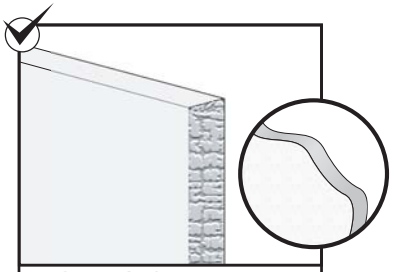
Verify Your Wall Construction

CAUTION

DO NOT install into drywall alone.



Wood Studs (with Drywall)



Solid Concrete Wall

If you are not sure of the wall construction, please contact Technical Support at (877) 419–7832 or Customer Service at support@ergoav.com to find a compatible mount.

Tools Needed (Not Included)



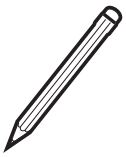
Stud Finder



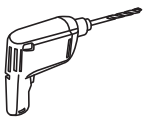
Awl



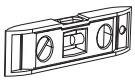
Tape Measure



Pencil



Electric Drill



Level



7/32” (5.5mm) Wood Drill Bit



1/2” (13mm) Socket Wrench

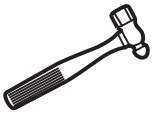


Phillips Screwdriver

(Needed for concrete installs)



3/8” (10mm) Concrete Drill Bit



Hammer

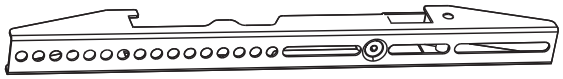
Supplied Parts and Hardware

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 need replacement parts, please contact Technical Support at (877) 419–7832 or Customer Service at support@ergoav.com.

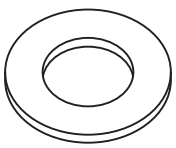
- **NOTE:** Not all hardware included in this package will be used.

Supplied Parts and Hardware for Step 1



TV Bracket
03 x 2

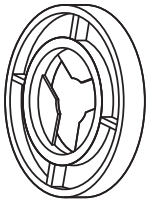
Washers



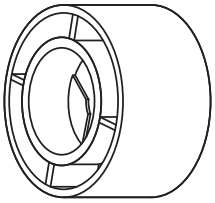
M6 / M8
[B] x 4

Spacers

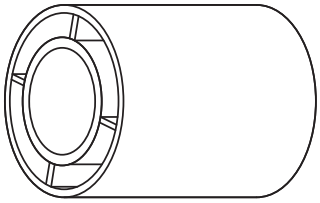
NOTE: The spacers shown are actual size.



L2.5mm
[E1] x 8



L10mm
[E2] x 4

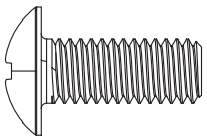


L22mm
[E3] x 4

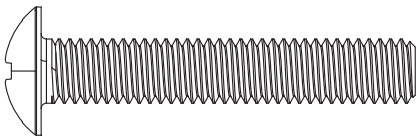
TV Bolts [Only one size bolt fits your TV]

NOTE: The bolts shown are actual size.

M6

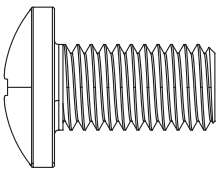


M6 x 15mm
[C1] x 4

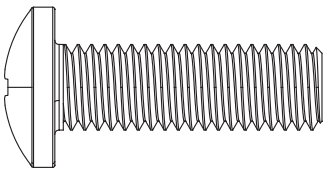


M6 x 35mm
[C2] x 4

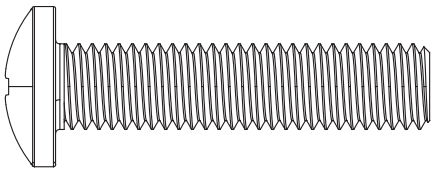
M8



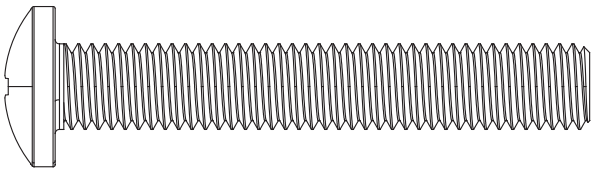
M8 x 15mm
[D1] x 4



M8 x 25mm
[D2] x 4



M8 x 35mm
[D3] x 4

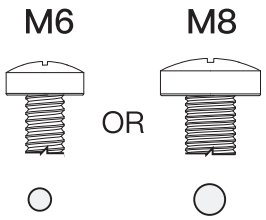


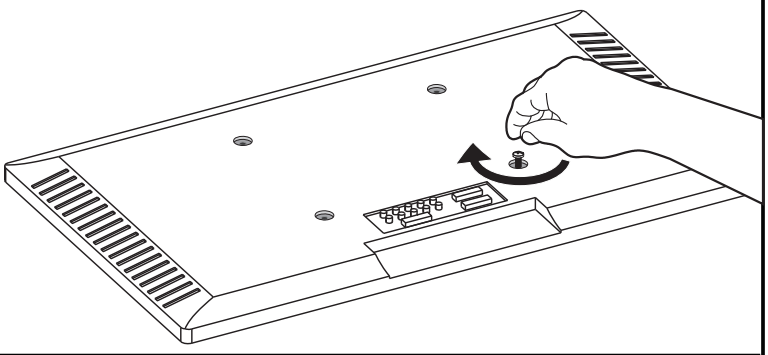
M8 x 50mm
[D4] x 4

Step 1 Secure the TV Brackets to the TV

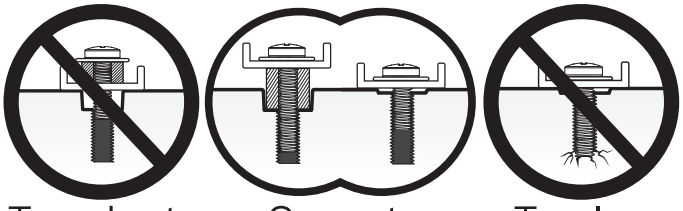
Select TV Bolts

Only one size fits your TV.





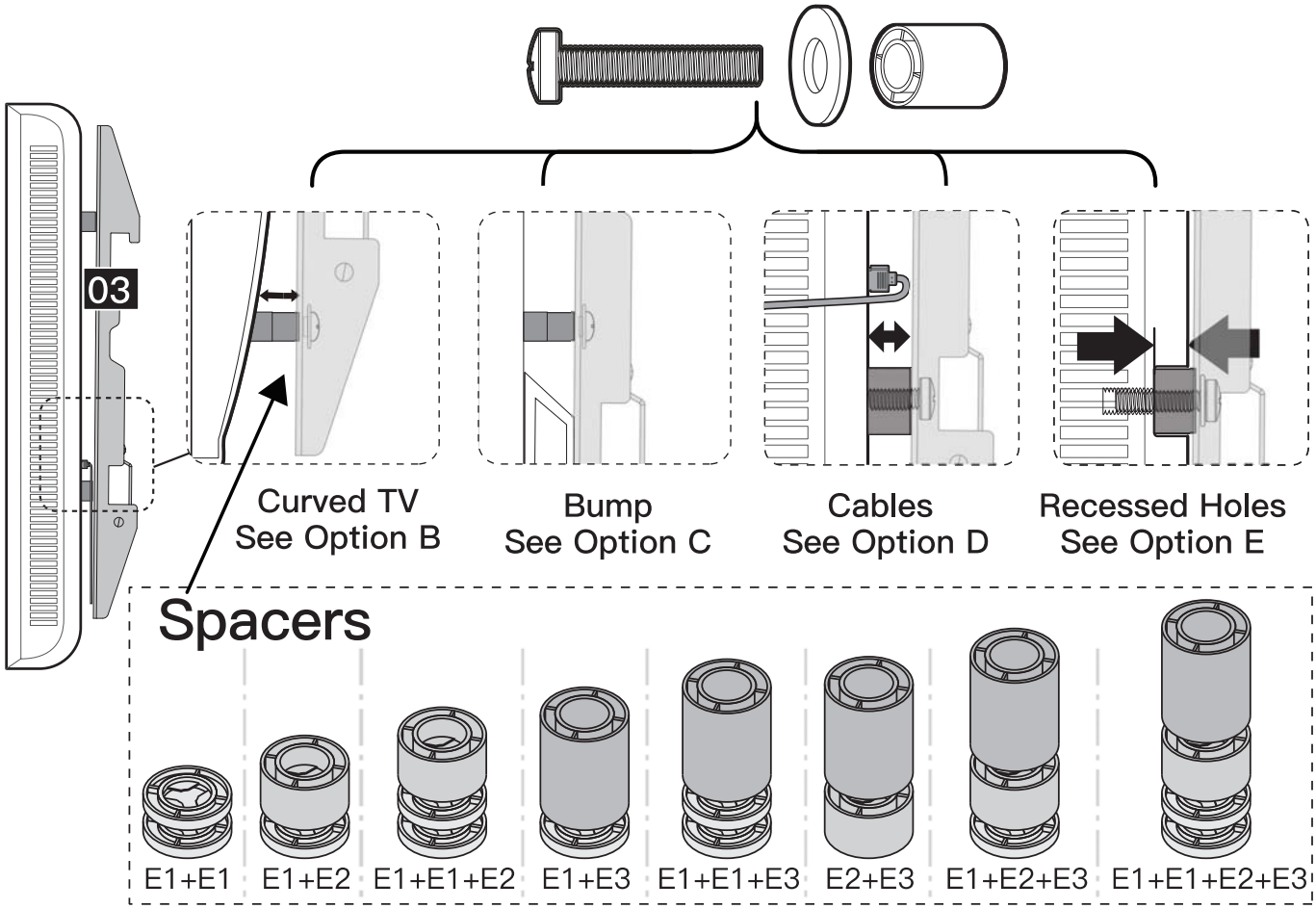
Bolt length: Verify adequate thread engagement with bolts or bolts / spacers combination. We recommend thread engagement by at least 5 turns.
–Too short will not hold the TV.
–Too long will damage the TV.
NOTE: Please do not over tighten the TV bolts to avoid damaging your TV.

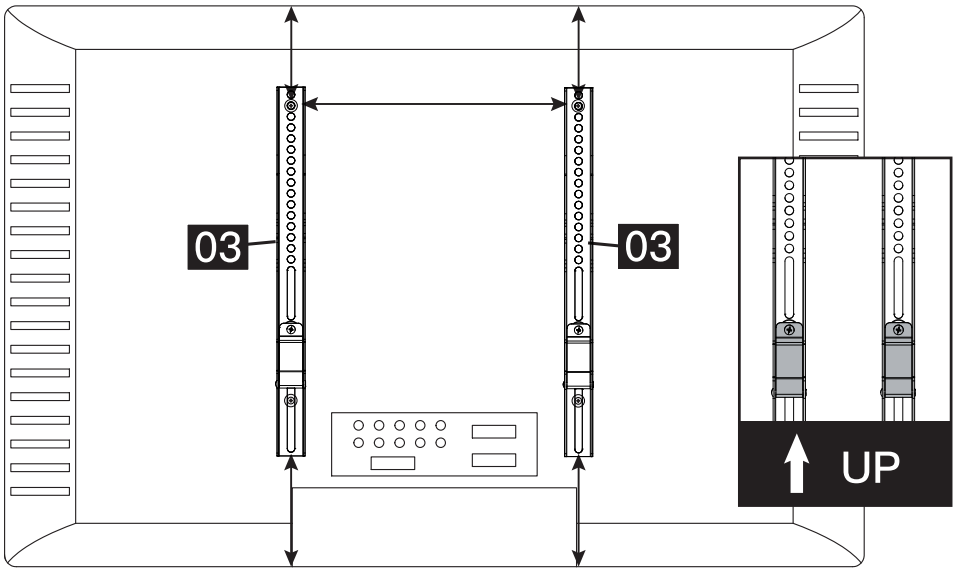


Too short Correct Too long

NOTE: If the spacers are required for your installation, a combination of different spacers can be stacked to obtain a proper length. See examples in the image below. If you have any difficulty understanding how to install the TV bolts or spacers, please contact Technical Support at (877) 419–7832 or Customer Service at support@ergoav.com.

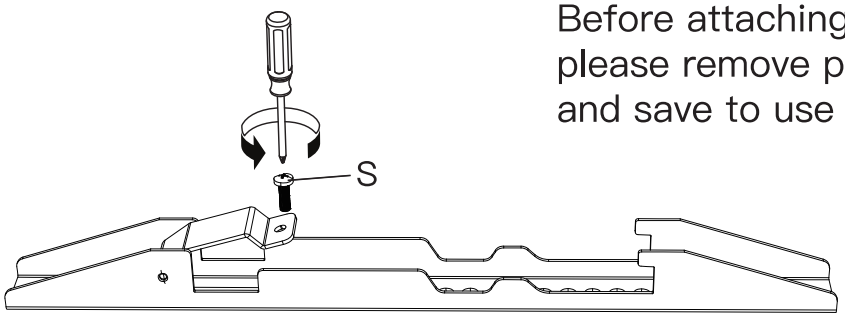
Parts Needed if You Have a TV as Shown Below



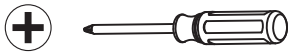


CAUTION: When attaching the TV Brackets to the back of the TV, ensure the end with round holes are pointing towards the top of the TV and equally centered on the back of the TV.

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

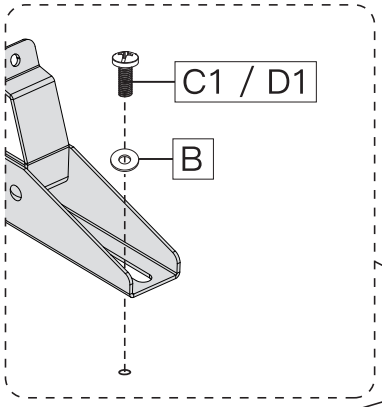


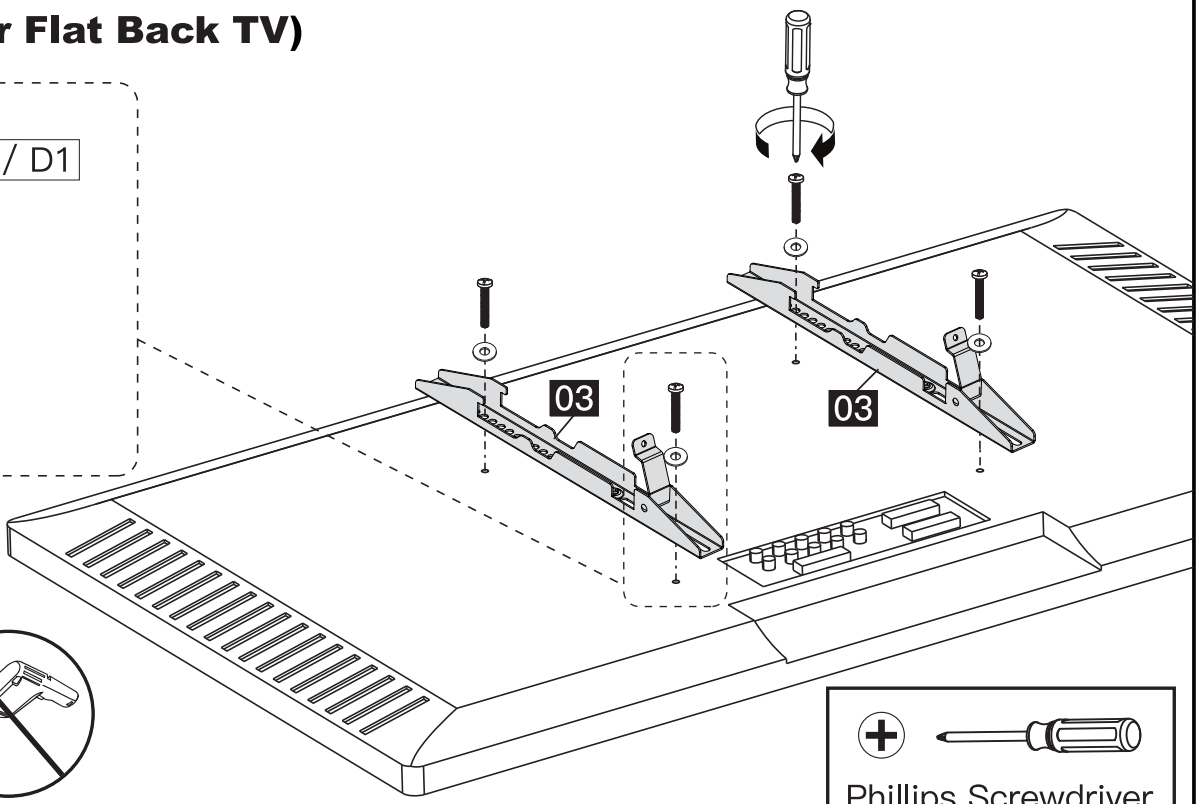
Before attaching TV Brackets [03] to TV, please remove preassembled Bolts [S] and save to use in step 5–2.

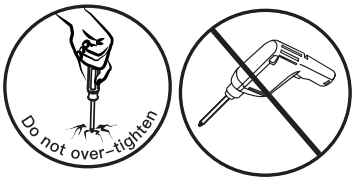


Phillips Screwdriver (Not Included)

Option A (For Flat Back TV)



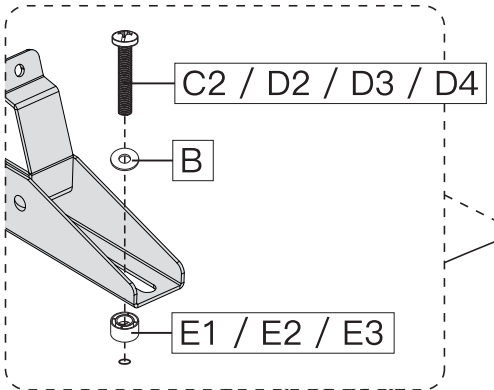




Phillips Screwdriver (Not Included)

Option B (For Curved Back TV)

Spacers must be tall enough so that the curve on the back of the TV will not interfere with the mounting plate.

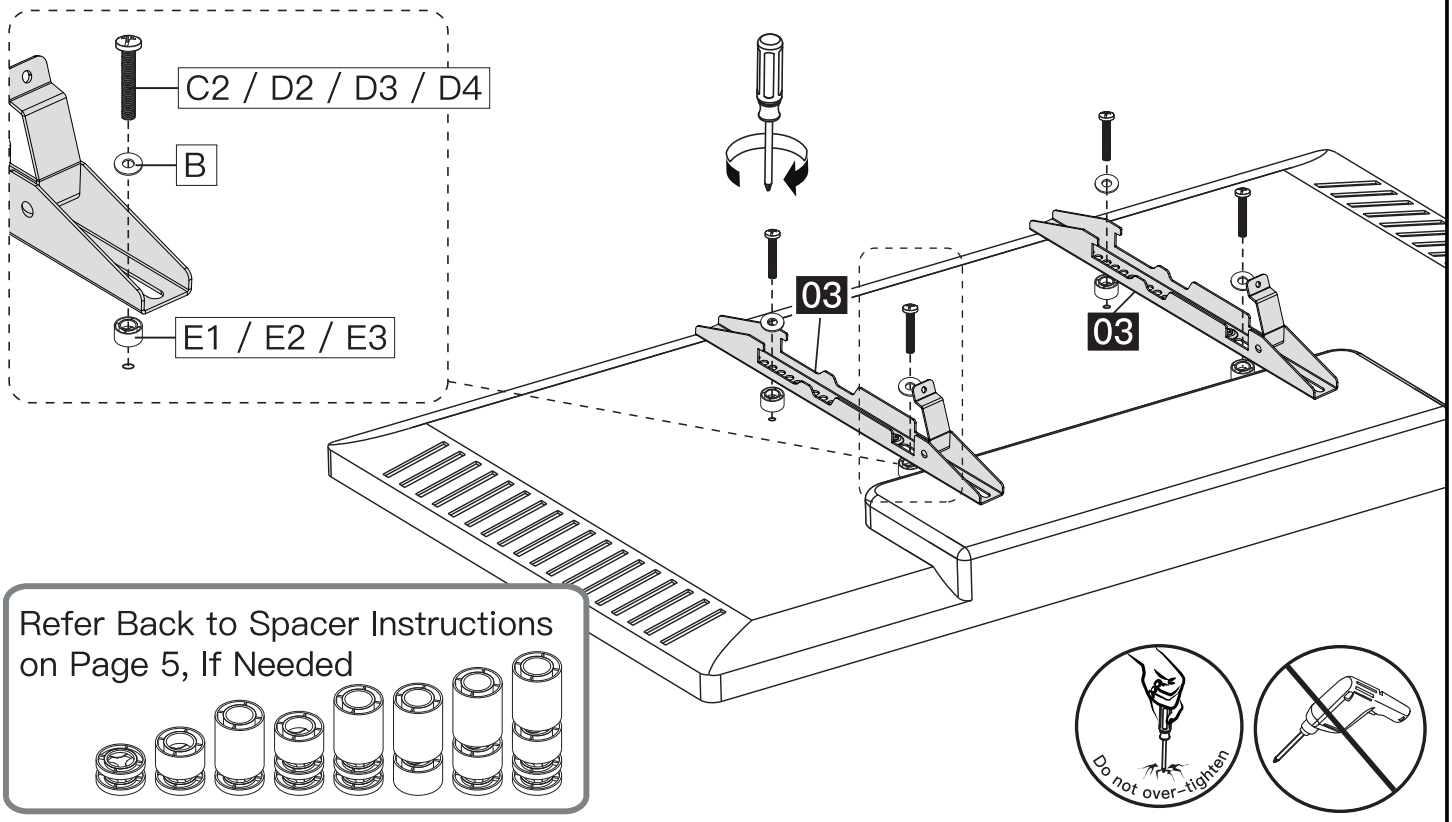


Refer Back to Spacer Instructions on Page 5, If Needed

Option C (For TV with A “Bump”)

Spacers must be tall enough so TV brackets are flush (NO GAP) on bump.

Phillips Screwdriver (Not Included)

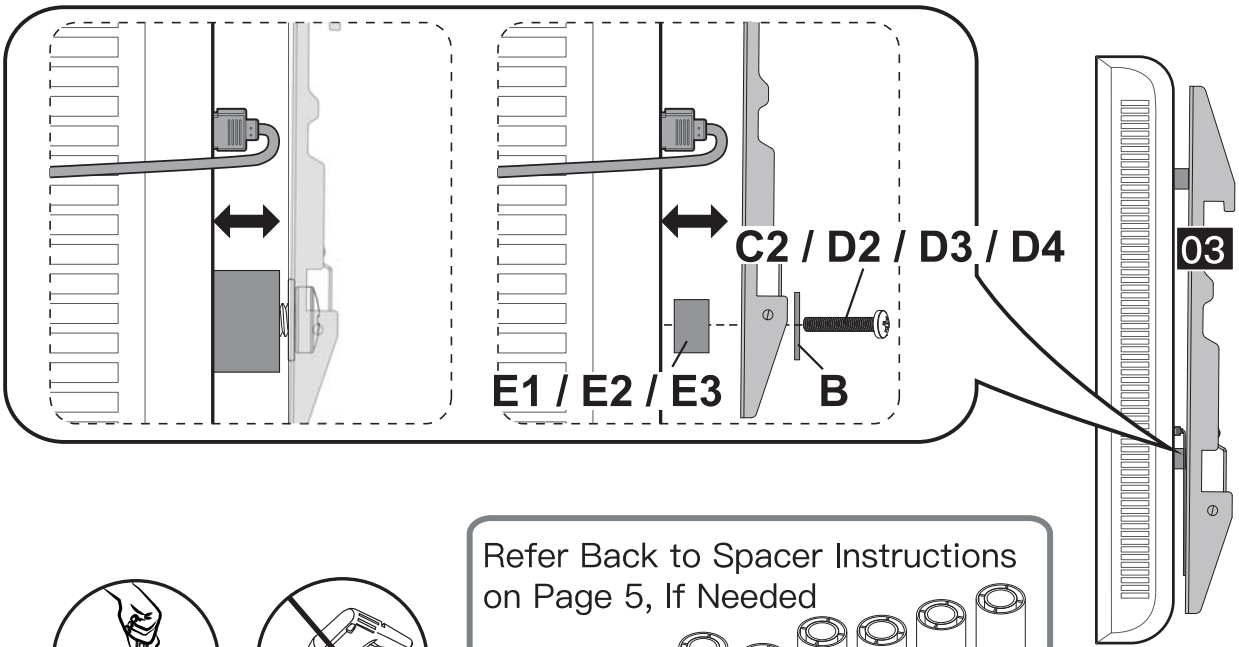


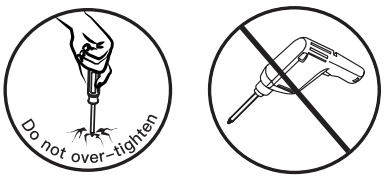
Refer Back to Spacer Instructions on Page 5, If Needed

Option D (For TV with Cable Interference)

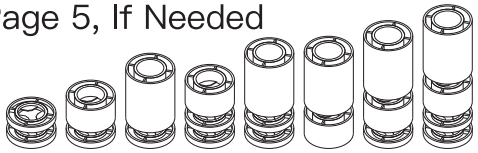
For cable interference, use the Spacers [E1], [E2] and [E3] to create extra space between the TV and TV brackets.

Phillips Screwdriver (Not Included)



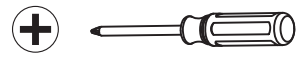


Refer Back to Spacer Instructions on Page 5, If Needed

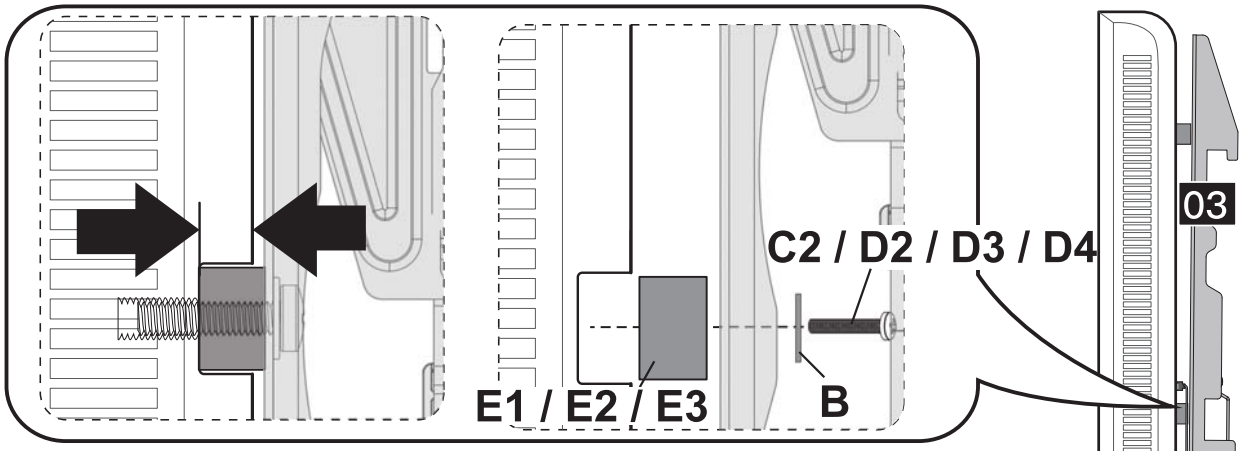


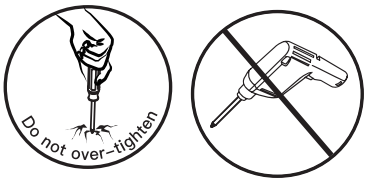
Option E (For Recessed Holes)

The Spacers need to fill the recessed holes on the back of the TV so that the TV brackets are as close to the TV as possible.

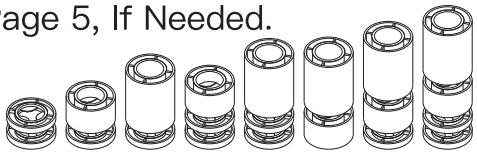


Phillips Screwdriver
(Not Included)

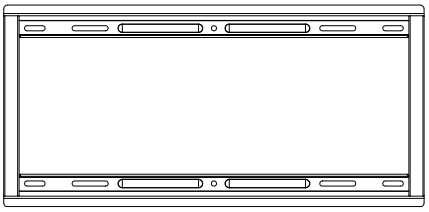




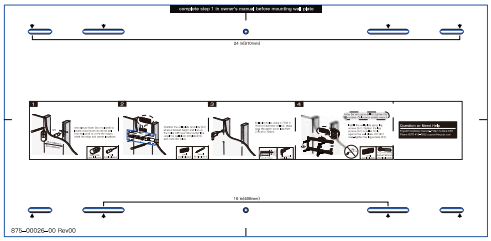
Refer Back to Spacer Instructions on Page 5, If Needed.



Supplied Parts and Hardware for Step 2



Wall Plate
01 x 1

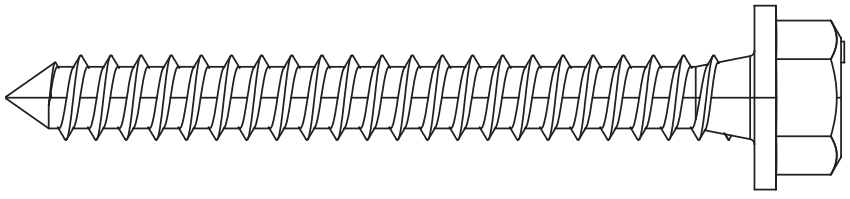


Wall Plate Template
04 x 1

NOTE: The lag screw shown is actual size.

[A1] x 6

Lag Screw
5/16" x 2 3/4"

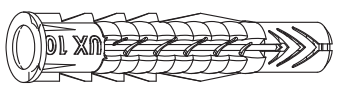


[A2] x 6

Wall
Anchor
10 X 60mm

⚠ CAUTION!

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



Step 2 Attach the Wall Plate to the Wall

For wood stud installation, follow STEP 2A.
For concrete installation, follow STEP 2B.

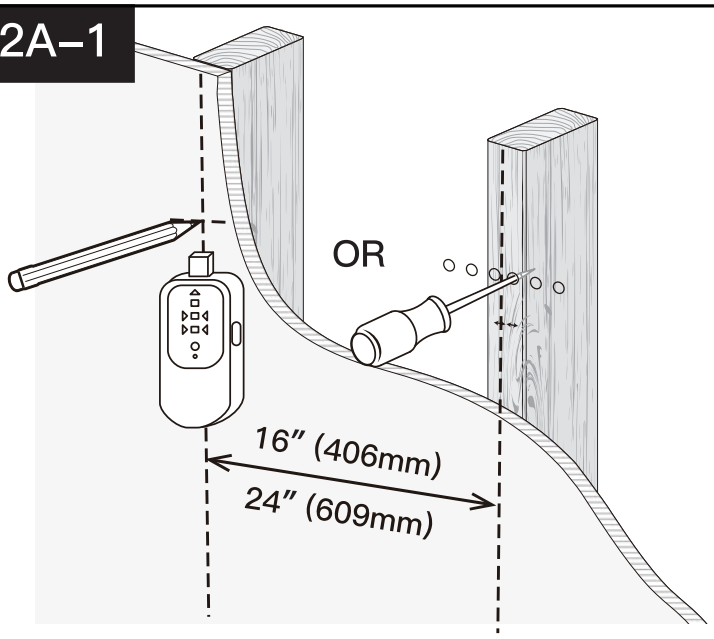
Step 2A Wood Stud Option

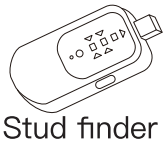
⚠ WARNING:

- Do Not use a drill when tightening the Lag Screws [A1]! Only use a socket wrench.
- To 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 [01] and the wall.
- DO NOT USE THE ANCHOR [A2] FOR THIS STEP.
- Ensure the Wall Plate [01] is securely fastened to the wall before continuing to the next step.
- Nominal wood stud size: 2″ x 4″ (51mm x 102mm).
- Stud center must be verified.



2A–1



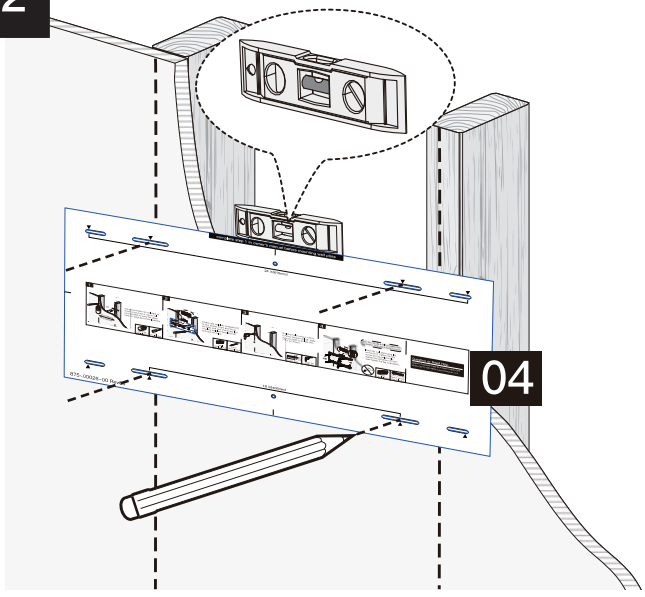

Stud finder
(Not Included)

OR

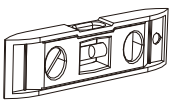

Awl
(Not Included)

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

2A–2

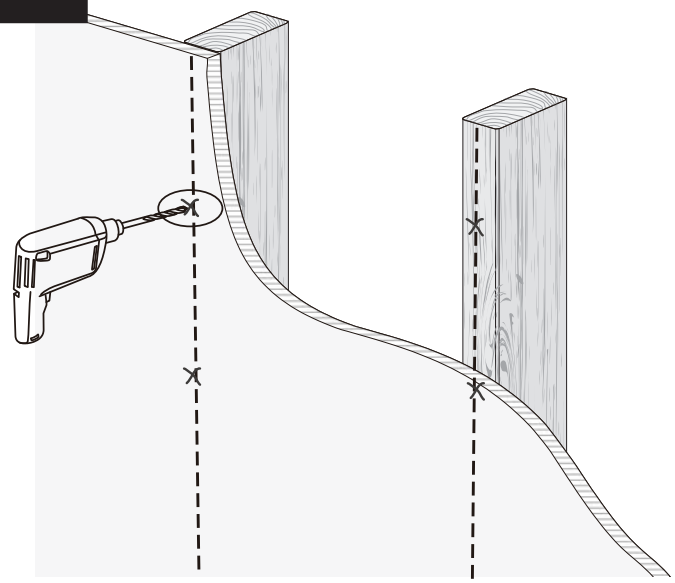


Position the Wall Plate Template [04] at your desired height and line up the holes with your stud center line. Level the Wall Plate Template [04] and mark the holes.

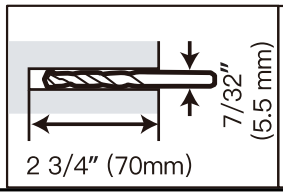

Level
(Not Included)

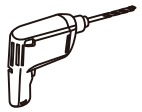

Pencil
(Not Included)

2A–3



Drill 4 pilot holes using a 7/32″ (5.5mm) diameter drill bit. Make sure the depth is not less than 2 3/4″ (70mm) deep.

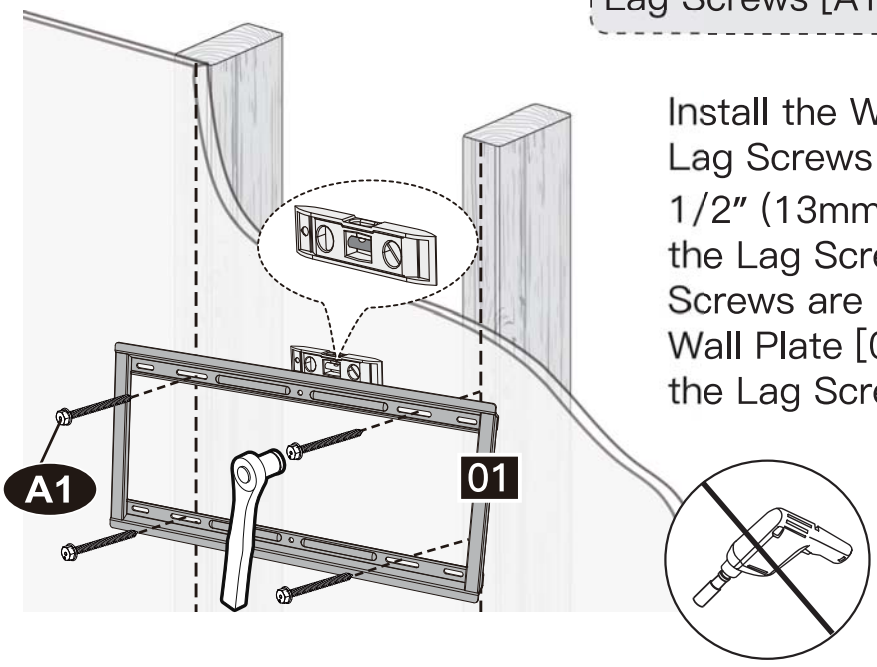




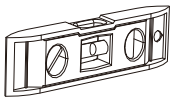
Electric Drill
(Not Included)

2A–4

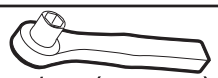
⚠ **NOTE**: Do not use a drill to tighten the Lag Screws [A1]. Only use a socket wrench.



Install the Wall Plate [01] using the Lag Screws [A1]. Using self–supplied 1/2″ (13mm) socket wrench, tighten the Lag Screws [A1] until the Lag Screws are pulled firmly against the Wall Plate [01]. DO NOT over–tighten the Lag Screws.



Level
(Not Included)



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

Step 2B Solid Concrete Wall Option

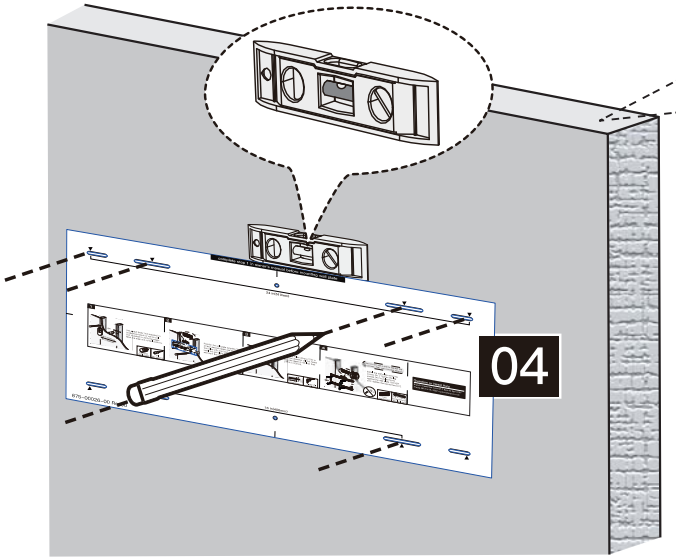
⚠ WARNING:

- DO NOT use a drill when tightening the Lag Screws [A1]! Only use a socket wrench.
- To 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 [01] and the wall.
- Ensure the Wall Plate [01] is securely fastened to the wall before continuing to the next step.
- Mount the Wall Plate [01] directly onto the concrete surface without any covering.
- The thickness of the concrete wall must exceed 5 1/2″ (140mm).

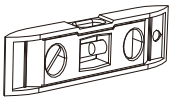


Wall
Anchor
A2

2B–1

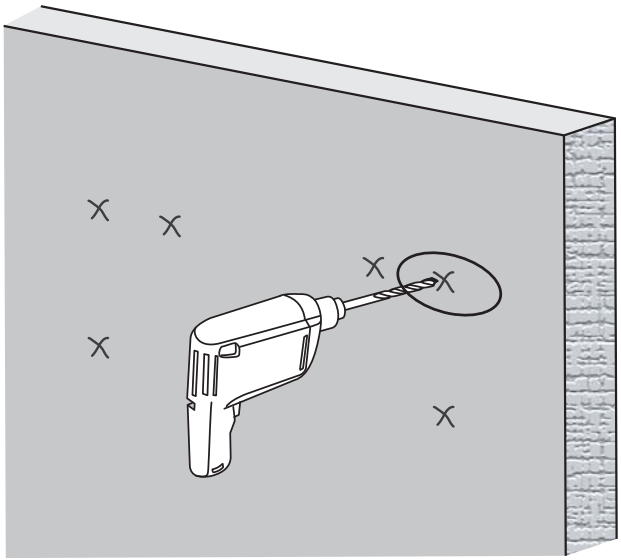


Position the Wall Plate Template [04] at your desired height. Level the Wall Plate Template [04] and mark the pilot hole locations.

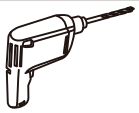

Level
(Not Included)

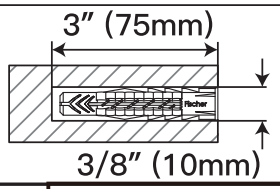

Pencil
(Not Included)

2B–2



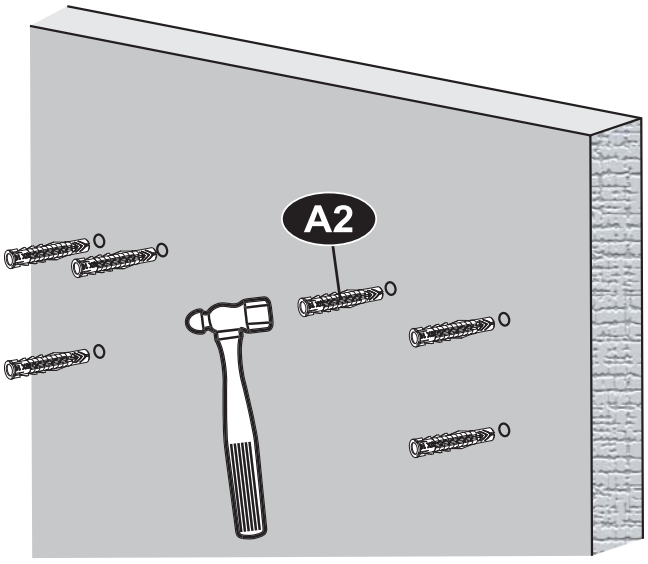
Drill 6 pilot holes using a 3/8″ (10mm) diameter drill bit. Make sure the depth of the pilot holes is not less than 3″ (75mm).


Electric Drill
(Not Included)



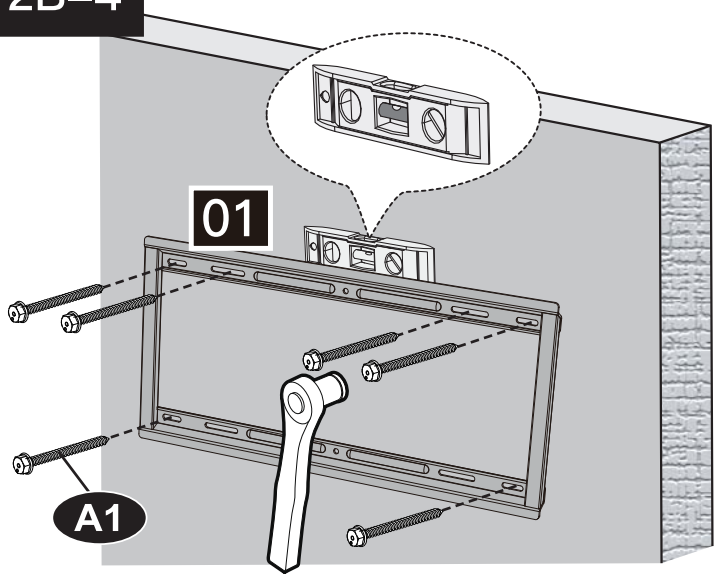
2B–3

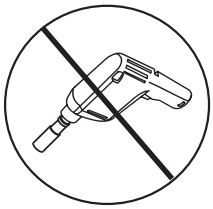

Hammer
(Not Included)



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

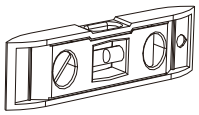
2B–4





Install the Wall Plate [01] using the Lag Screws [A1]. Using a self–supplied 1/2" (13mm) socket wrench, tighten the Lag Screws [A1] until the Lag Screws are pulled firmly against the Wall Plate [01]. DO NOT over–tighten the Lag Screws [A1].

⚠ **NOTE**: Do not use a drill to tighten the Lag Screws [A1]. Only use a socket wrench.

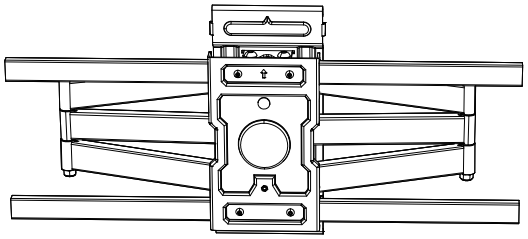


Level
(Not Included)



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

Supplied Parts and Hardware for Step 3



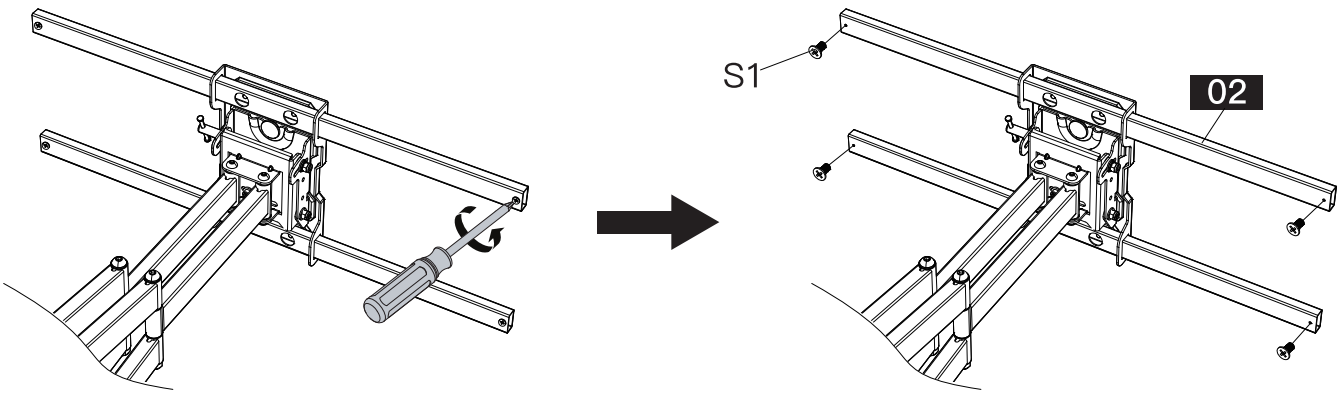
Arm Assembly
02 x 1

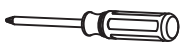


End Cap
05 x 2

Step 3 Secure the End Caps into the Arm Assembly

3–1 Remove the pre–assembed Bolts [S1] from the Arm Assembly [02] and save them for the use of step 3–2.

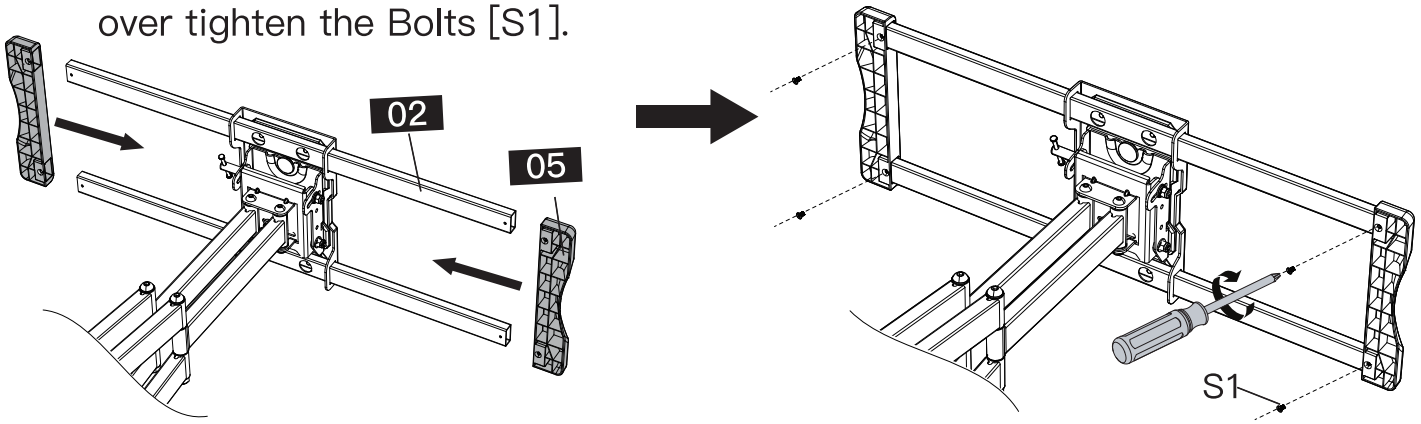




Phillips Screwdriver
(Not Included)

3–2 Slide the End Caps [05] onto the Arm Assembly [02] and secure each End Cap [05] with 2 each of the Bolts [S1]. Tighten the Bolts [S1] until firmly in place. Do Not over tighten the Bolts [S1].

Phillips Screwdriver (Not Included)



Supplied Hardware for Step 4 and Step 6



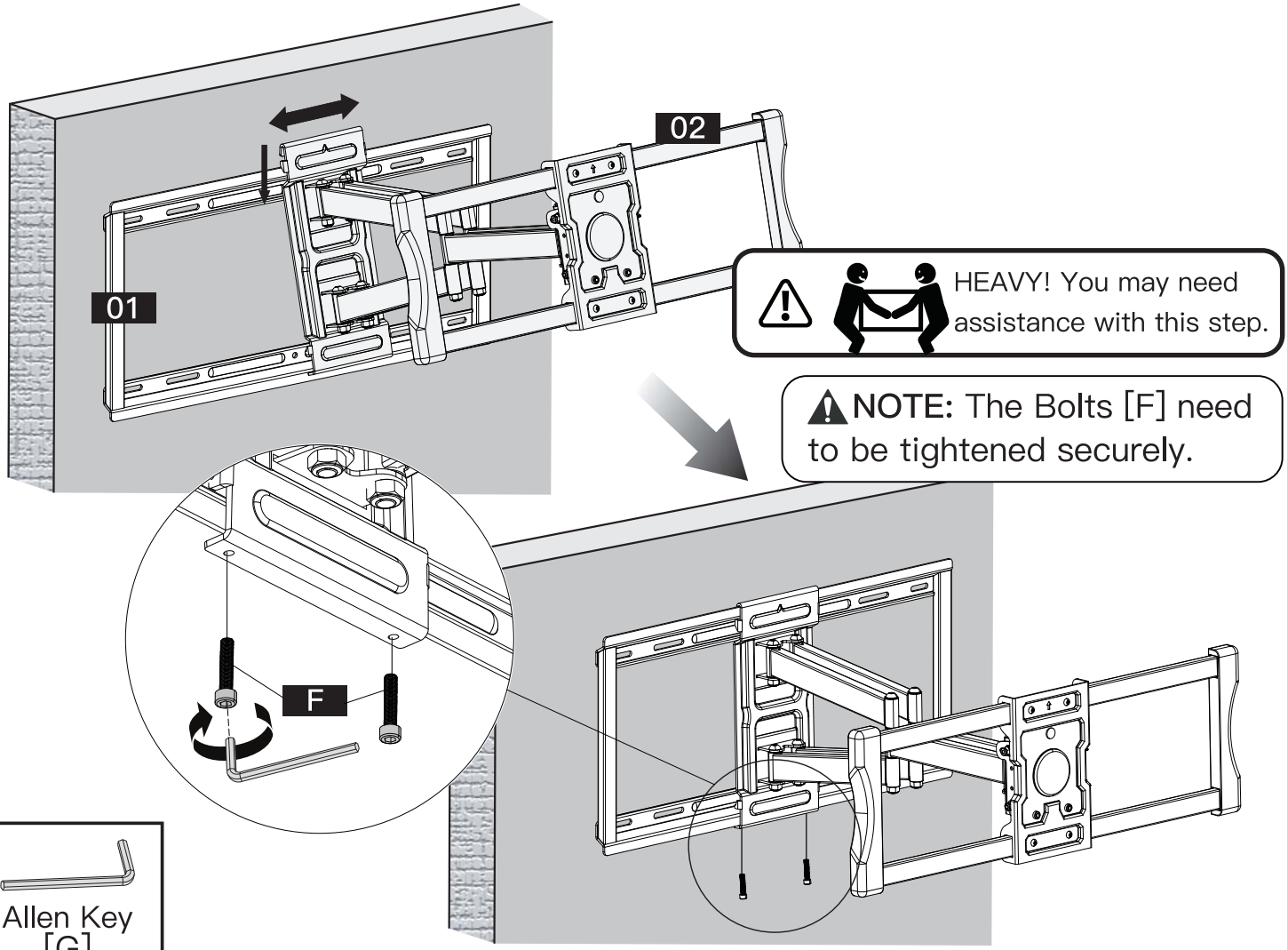
Bolt
[F] x 2



5mm
Allen Key
[G] x 1

Step 4 Secure the Arm Assembly to the Wall Plate

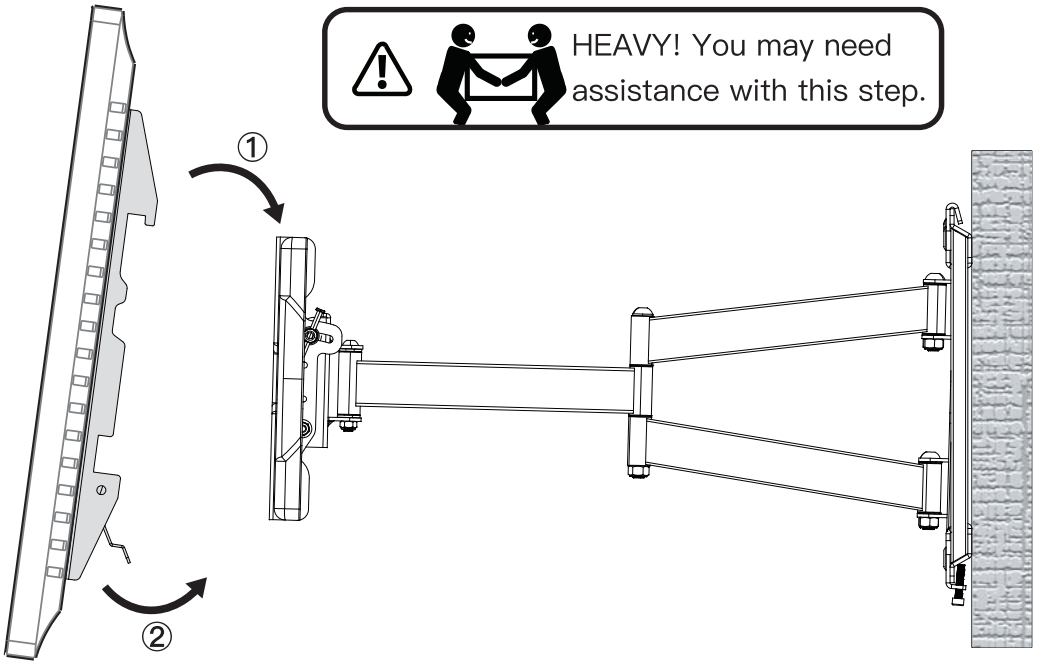
1. Hang the Arm Assembly [02] to the Wall Plate [01].
2. Shift the Arm Assembly [02] along the Wall Plate [01] to your desired position.
3. Secure the Arm Assembly [02] to the Wall Plate [01] by tightening the Bolts [F].



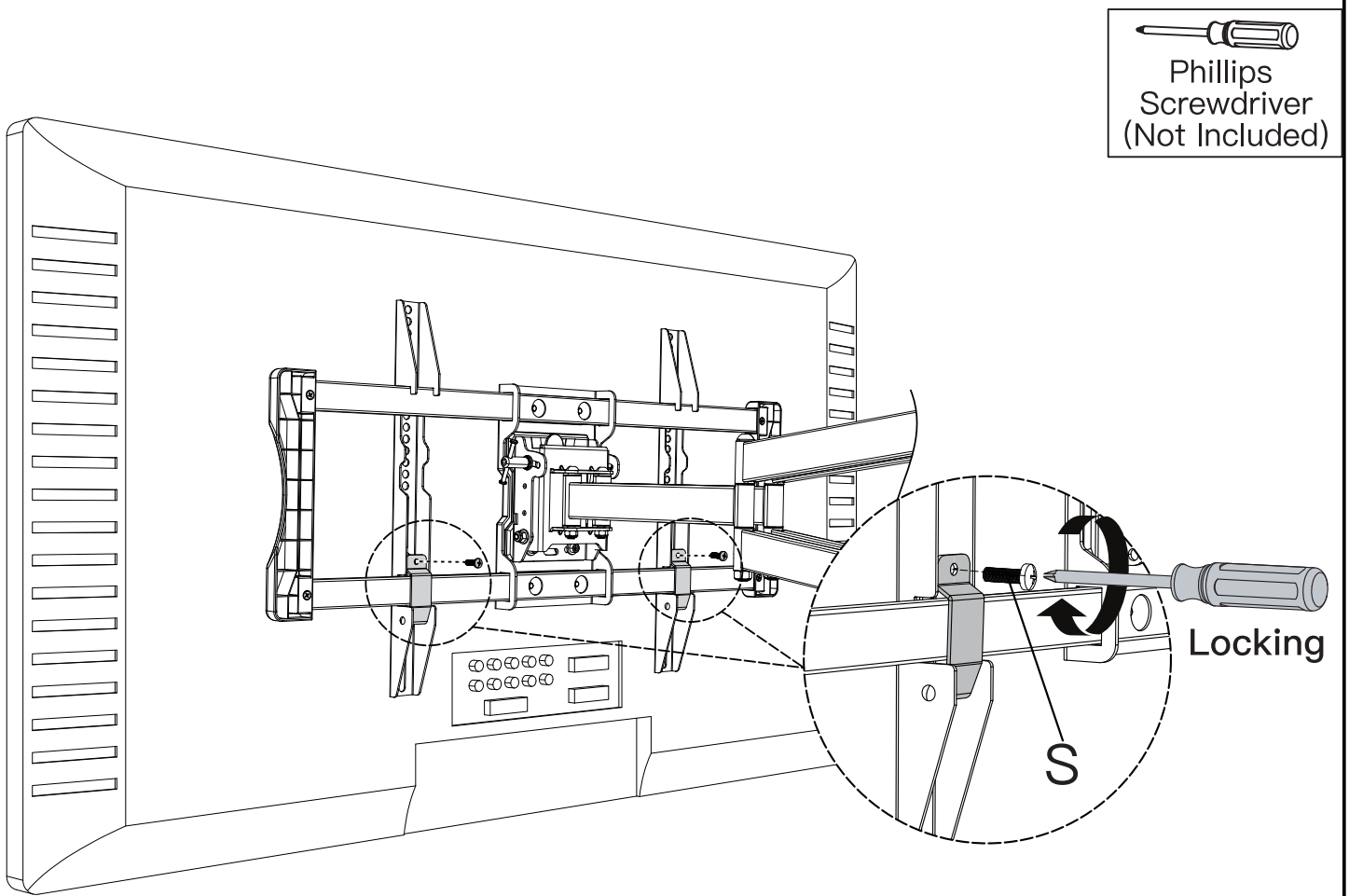
Allen Key
[G]

Step 5 Hang the TV onto the Front Support

5–1 Hang the TV with TV Brackets [03] onto the Front Support.

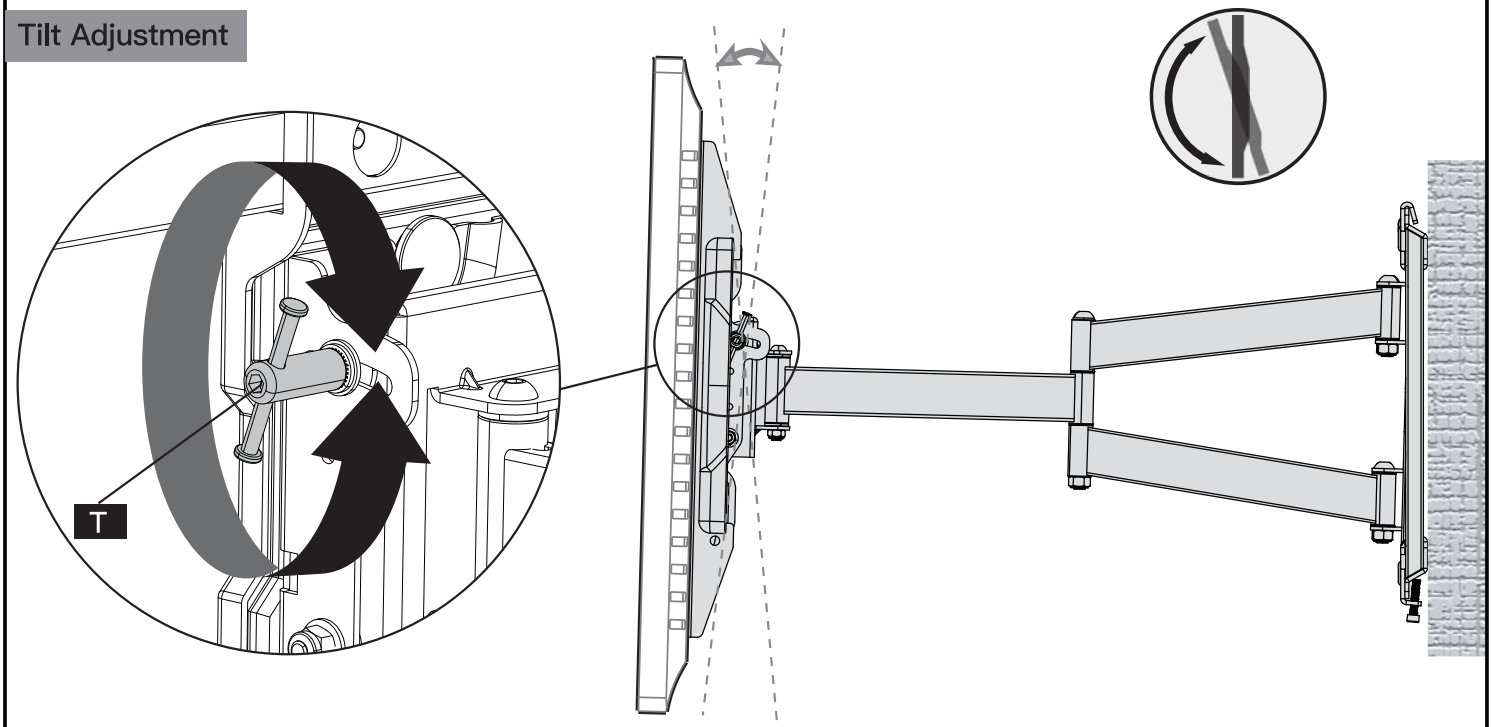


5–2 Press the Safety Locks up and fasten the removed Bolts [S].



Step 6 Adjustments

Tilt Adjustment



1. Slightly loosen the Knob [T] by hand. If it is too hard to loosen, you can use the Allen Key [G] to loosen the Knob [T].
2. Adjust TV to your desired tilt position.
3. Retighten the Knob [T] to fix the tilt position.



Allen Key [G]



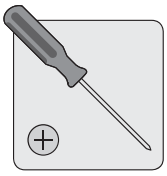
If needed, the TV can be levelled.

⚠ **CAUTION:** To prevent the TV from coming off the Arm Assembly [02], Do Not over–loosen Bolts [H].

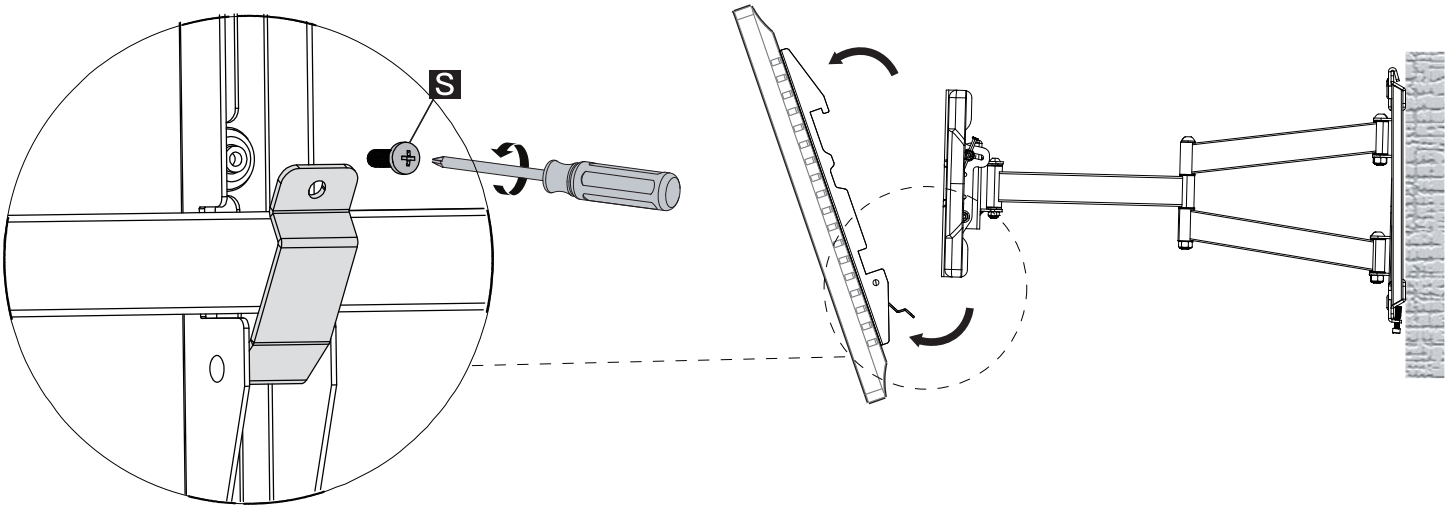
1. Slightly loosen the Leveling Bolts [H].
2. Level your TV.
3. Retighten the Leveling Bolts [H] to hold the TV in position.

Horizontal Shift

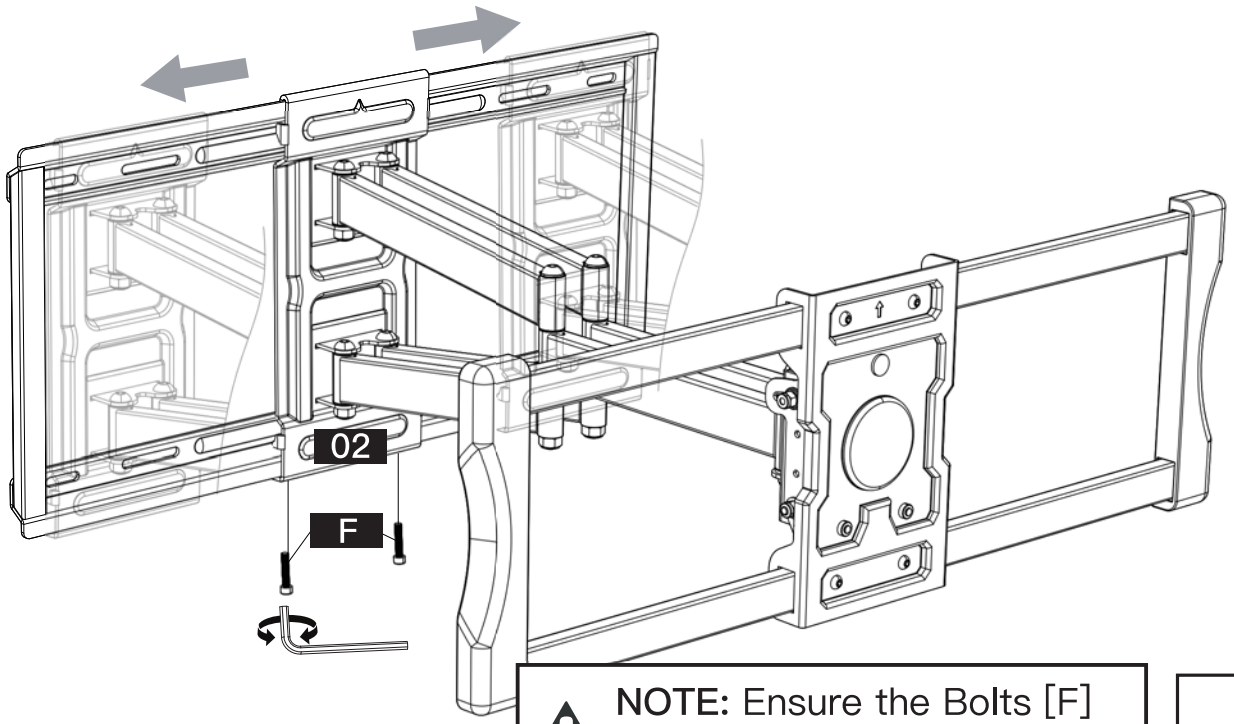
To re-position your TV's location on the wall, the Arm Assembly [02] can be moved left or right by following the below steps.



HEAVY! You may need assistance with this step.



1. Remove all cables from the TV and un-plug the TV from the wall outlet.
2. Loosen the Bolts [S] and lower the Safety Locks.
3. Lift the TV off the Arm Assembly [02].
4. Loosen the Bolts [F].
5. Move the Arm Assembly [02] to desired location.
6. Re-tighten the Bolts [F].
7. Re-hang the TV on to the Arm Assembly [02].
8. Raise the Safety Locks and secure them with the Bolts [S].



NOTE: Ensure the Bolts [F] are firmly tightened when the adjustment is completed.

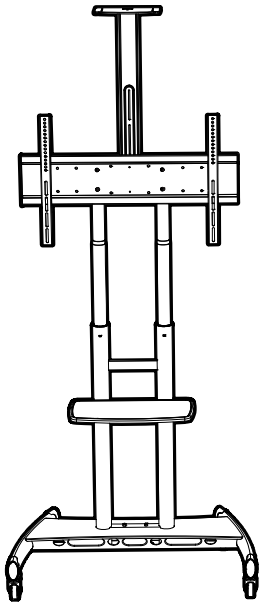


Allen Key [G]

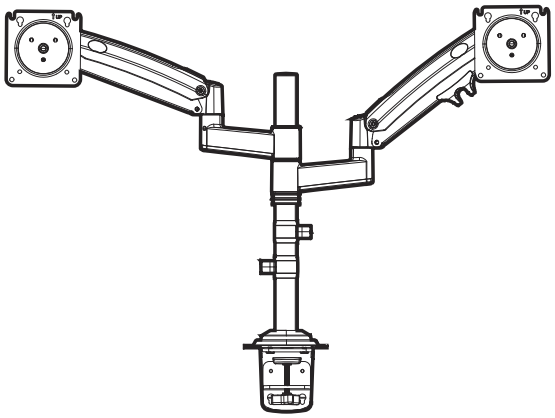
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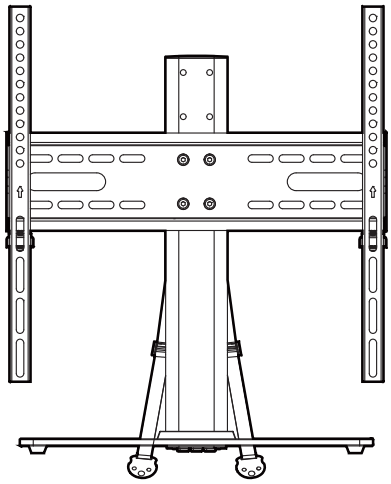
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