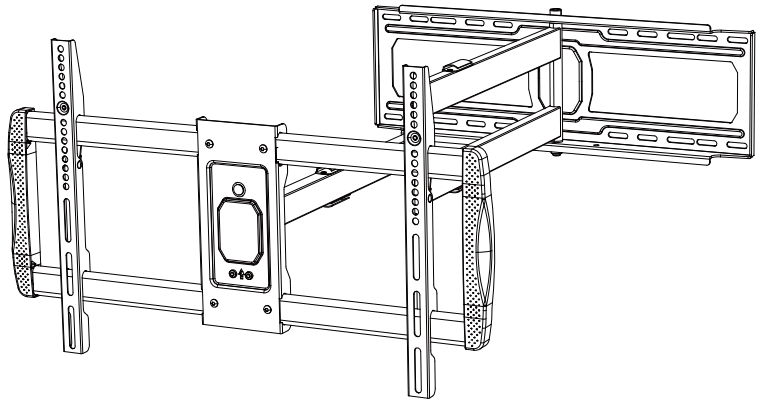
PERLESMITH

Full Motion TV Wall Mount Instruction Manual

Rev00(B)



Model: PSXLF01

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 us.

Technical Support:
(US / CA) 1-800-556-6806 Mon-Fri 8am - 8pm (CST)
(UK) 44-808-196-3891 Mon-Fri 2pm - 10pm (UTC)
Other Info: supportus@perlesmith.com
Website: www.perlesmith.com

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 supportus@perlesmith.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, and concrete block 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

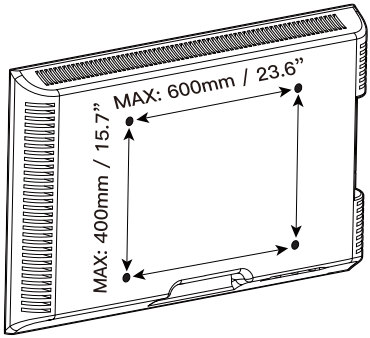


If your TV weighs more, this mount is NOT compatible.

⚠WARNING

DO NOT exceed the maximum weight indicated. This mounting system is intended for use only 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



100mm ≈ 3.9”
200mm ≈ 7.9”
300mm ≈ 11.8”
400mm ≈ 15.7”
600mm ≈ 23.6”

Minimum VESA pattern:
200mm / 7.9” (W) x 100mm / 3.9” (H)

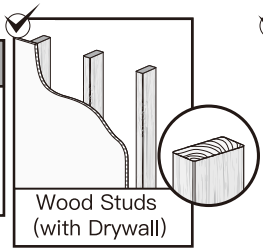
If your TV VESA is greater than 600 x 400mm / 23.6 x 15.7” or less than VESA 200 x 100mm / 7.9 x 3.9”, this mount is NOT compatible.

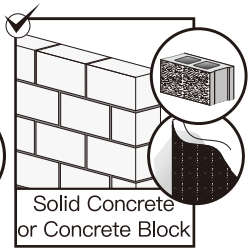
If this mount is NOT compatible, please contact customer service at supportus@perlesmith.com to find a compatible mount.

Verify Your Wall Construction

⚠ CAUTION

DO NOT install into drywall alone





If you are not sure of the wall construction, please contact our customer service at supportus@perlesmith.com.

Tools Needed (Not Included)


Tape Measure


Pencil


Phillips Screwdriver


7/16” (11mm) Socket Wrench


1/2” (13mm) Socket Wrench


Drill

Tools Needed for Wood Stud Installation


Stud Finder

OR


Awl


7/32” (5.5mm) Wood Drill Bit

Tools Needed for Concrete Wall 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 supportus@perlesmith.com.

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

Supplied Parts and Hardware for Step 1


TV Bracket
03 x 2

06 Washer


M6 / M8
[B] x 4


[E1] x 8
L2.5mm

07 Spacers [if needed]

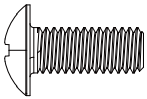

[E2] x 4
L10mm


[E3] x 4
L22mm

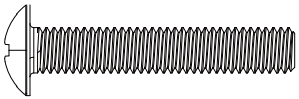
08 TV Bolts [Only one bolt size fits your TV]

NOTE: The bolts are shown in actual size.

M6

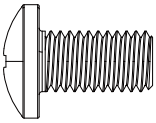


M6 x 15mm
[C1] x 4

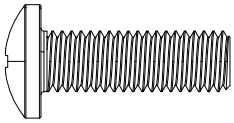


M6 x 35mm
[C2] x 4

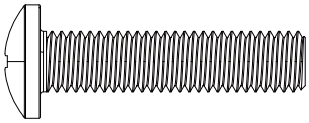
M8



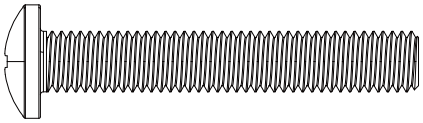
M8 x 15mm
[D1] x 4



M8 x 25mm
[D2] x 4

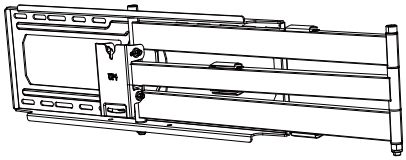


M8 x 35mm
[D3] x 4

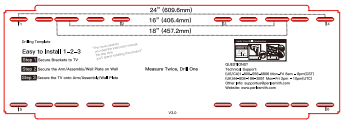


M8 x 50mm
[D4] x 4

Supplied Parts and Hardware for Step 2



Arm Assembly / Wall Plate
01 x 1



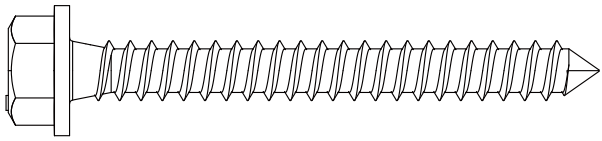
Wall Plate Template
05 x 1



Level
09 x 1

NOTE: The lag screw is shown in actual size.

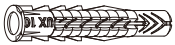
A1 x 6 Lag Screw ST5/16 x 2–3/4”



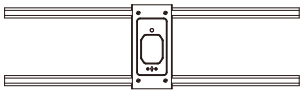
A2 x 6 Wall Anchor

⚠ CAUTION!

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



Supplied Parts and Hardware for Step 3 to Step 4



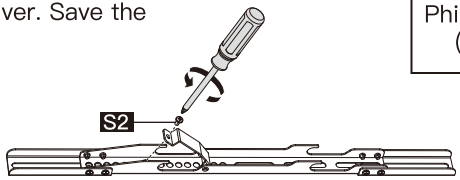
Front Support 02 x1



End Cap 04 x2

Step 1 Secure the TV Brackets to the TV

Remove the pre–assembled Bolts [S2] from the brackets using a Phillips screwdriver. Save the Bolts [S2] for use in Step 5–2.

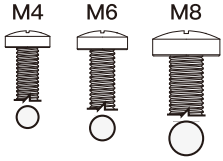


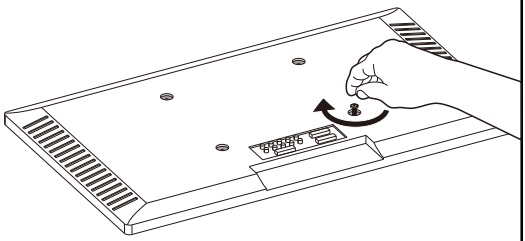


Phillips Screwdriver (Not Included)

Select TV Bolts

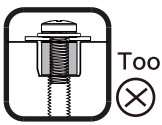
Only one size bolt fits your TV.

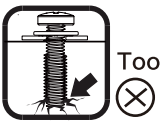


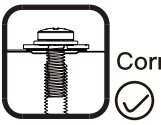


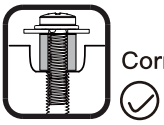
NOTE: Please do not over tighten the TV bolts to avoid damaging your TV.

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.

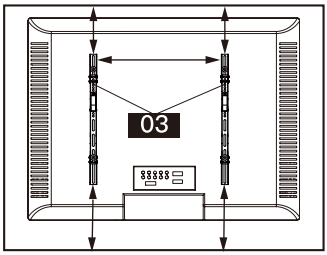


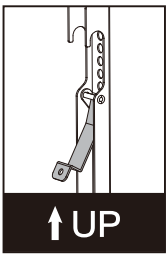






PLEASE NOTE: When using the spacers it is important to note that they can be used in multi–layers (meaning stacked). If you have any difficulty understanding how to install the TV bolts or spacers, please contact customer service at supportus@perlesmith.com.

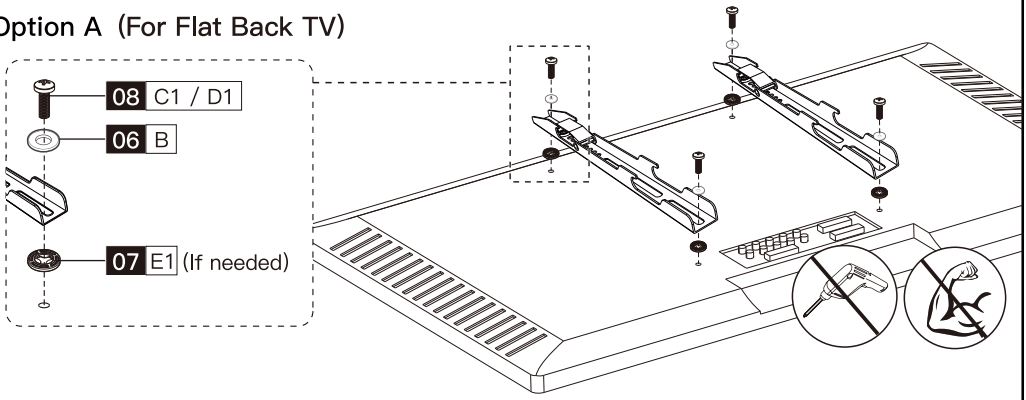




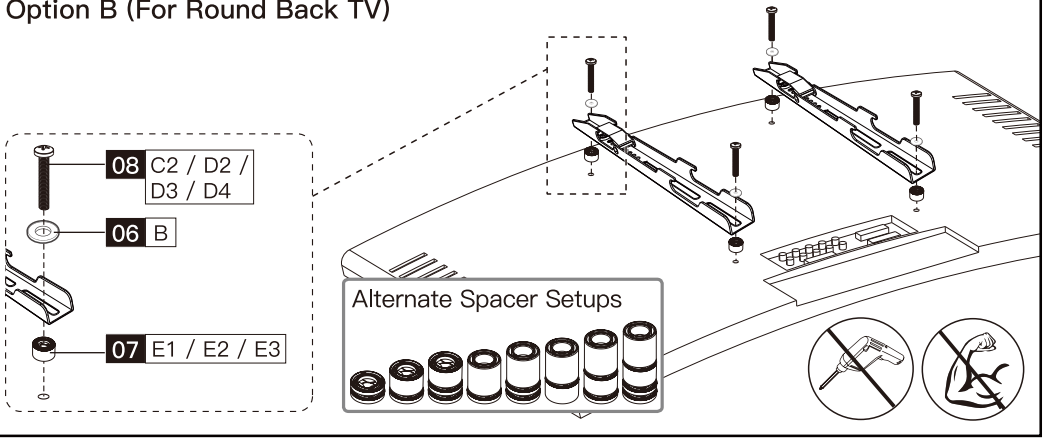
⚠CAUTION: Ensure the ends with round holes on the TV Brackets are pointing to the top of the TV.

⚠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.

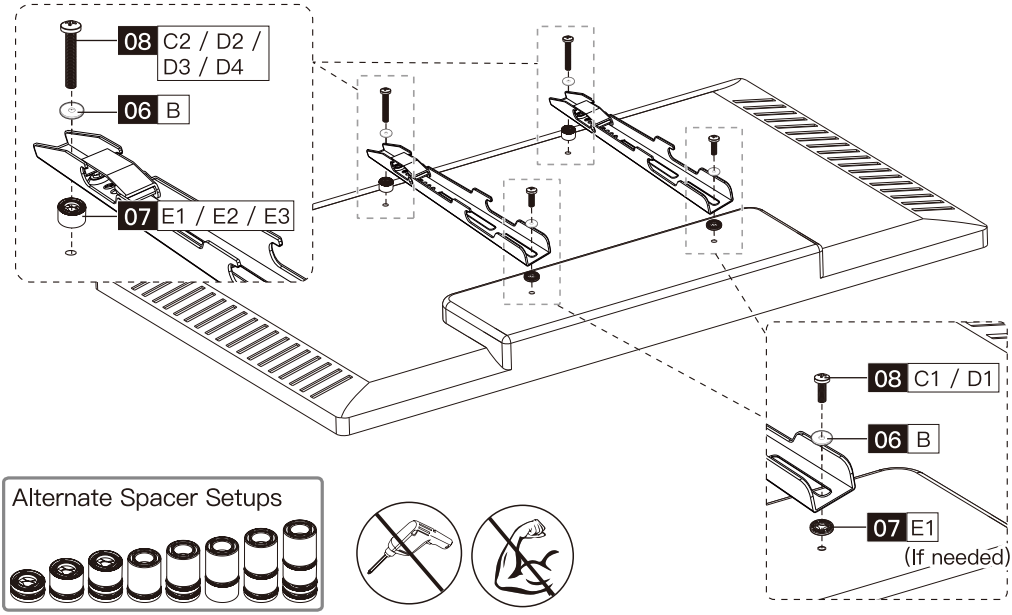
Option A (For Flat Back TV)



Option B (For Round Back TV)

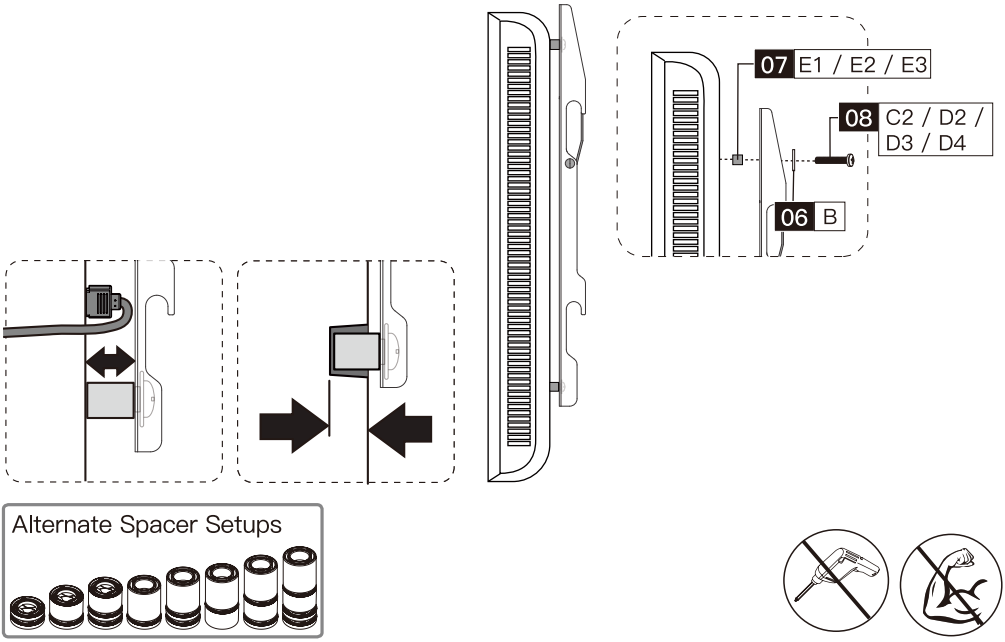


Option C (For TV with A “Bump”)



Option D

For cable interference or inset holes, use spacers [07] to create extra space between the TV and TV brackets.



Step 2 Attach the Arm Assembly / Wall Plate [01] to the Wall

For wood stud installation, follow STEP 2A.

For concrete installation, follow STEP 2B.

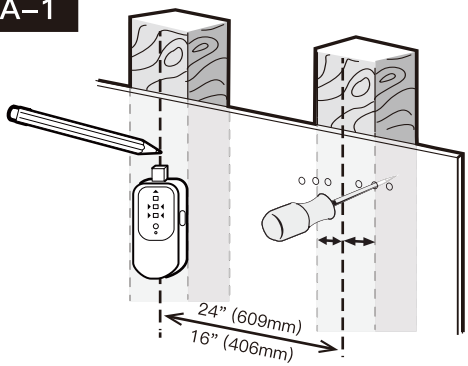
Step 2A Wood Stud Option

⚠WARNING:

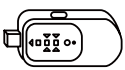
- Avoid potential personal injury or property damage! DO NOT use a drill for tightening the lag screws [A1]. Only use a socket wrench. DO NOT over–tighten the lag screws [A1]. Tighten the lag screws [A1] only until they are pulled firmly against the wall plate.
- DO NOT USE ANCHOR [A2] FOR THIS STEP!
- Ensure the arm assembly / wall plate [01] 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 1½ x 3½" (38 x 89mm).
- 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.

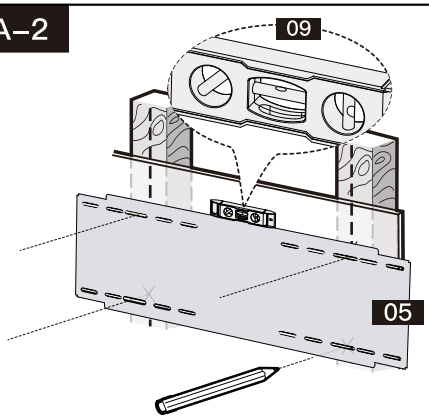


Stud Finder
(Not Included)



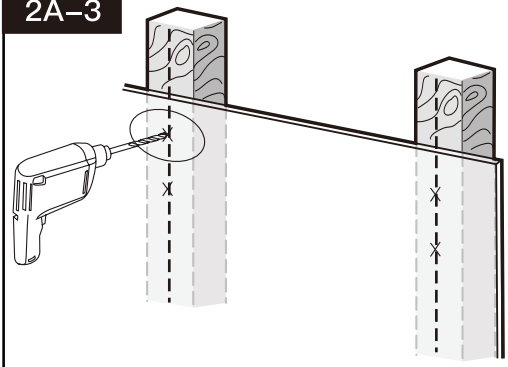
Awl
(Not Included)

2A–2



Position the wall plate template [05] at your desired height and line up the holes with your stud center line. Level the wall plate template [05] and mark the holes.

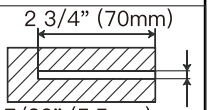
2A–3



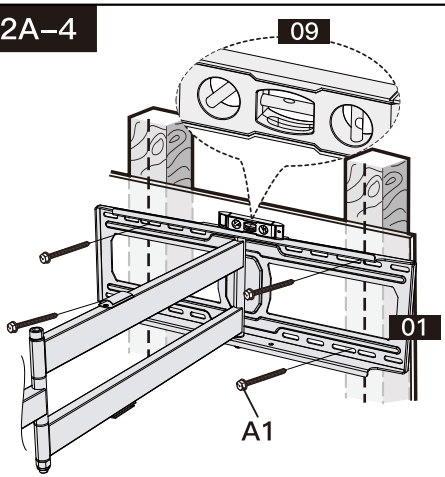
Drill 4 pilot holes using a 7/32” (5.5mm) diameter drill bit. Make sure the depth is not less than 2 3/4” (70mm).



Electric Drill
(Not Included)



2A–4

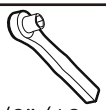


Install the arm assembly / wall plate [01] using lag screws [A1]. Tighten the lag screws [A1] only until they are pulled firmly against the wall plate.





You may need assistance with this step.



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

Step 2B Solid Concrete or Concrete Block Option

⚠ WARNING:

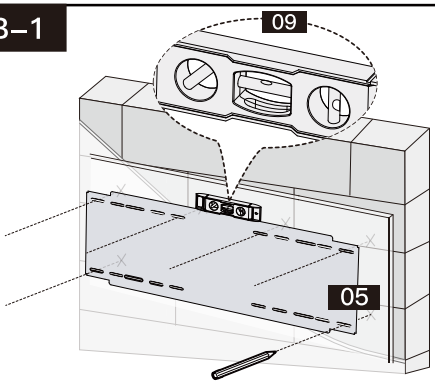
● Avoid potential personal injury or property damage! DO NOT use a drill for tightening the lag screws [A1]. Only use a socket wrench. DO NOT over–tighten the lag screws [A1]. Tighten the lag screws [A1] only until they are pulled firmly against the wall plate.



Wall Anchor
A2

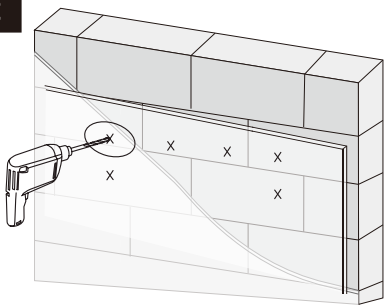
- Any material covering the wall must not exceed 5/8” (16mm).
- Mount the wall plate directly onto the concrete surface.
- Minimum solid concrete thickness: 8” (203mm).
- Minimum concrete block size: 8 x 8 x 16” (203 x 203 x 406mm).
- Never drill into the mortar between blocks.

2B–1



Position the wall plate template [05] at your desired height. Level the wall plate template and mark the pilot hole locations.

2B–2

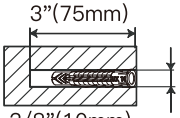


Drill 6 pilot holes using a 3/8”(10mm) diameter drill bit. Make sure the depth is not less than 3”(75mm). Never drill into the mortar between blocks.

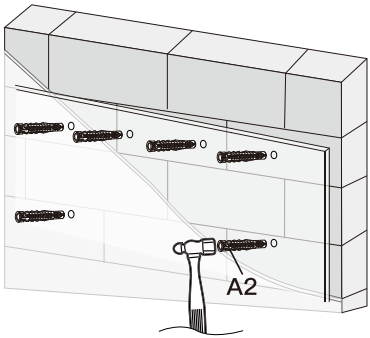




Electric Drill
(Not Included)



2B–3

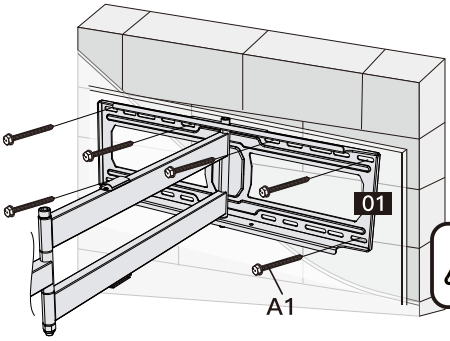


Use the hammer to knock anchors [A2] into the wall. Be sure the anchors [A2] are seated flush with the concrete or brick surface.



Hammer
(NOT Included)

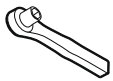
2B–4



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 [A1].

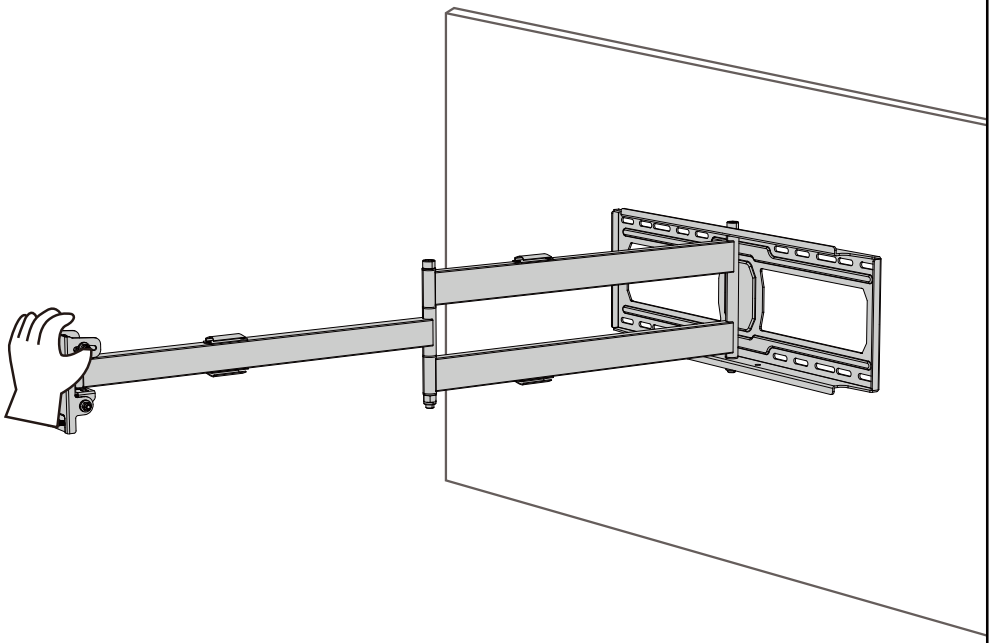


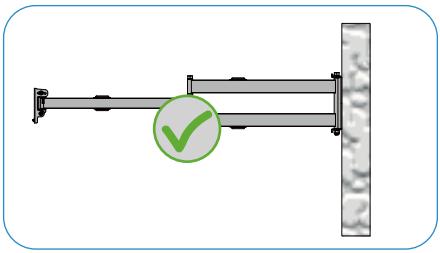
HEAVY! You may need assistance with this step.

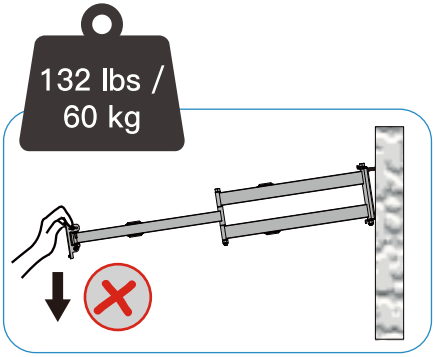


1/2”(13mm)
Socket Wrench
(Not Included)

Step 3 Verify that the Mount is Firmly Mounted

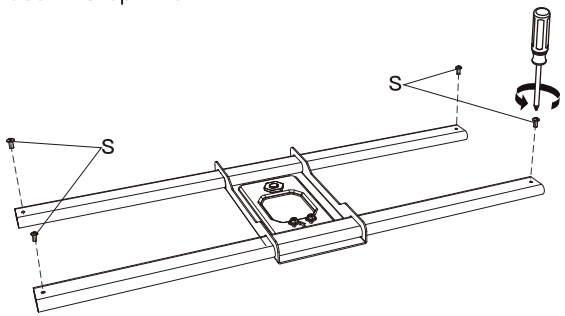






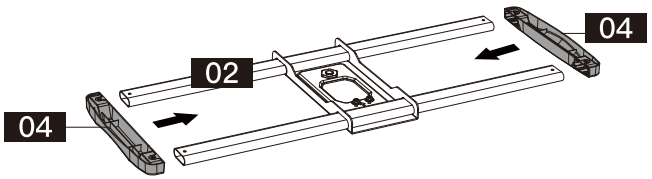
Step 4 Secure the End Caps [04] to the Front Support [02]

4–1 Remove the pre–assembled bolts [S] from the front support [02] and keep them for the use in Step 4–3.

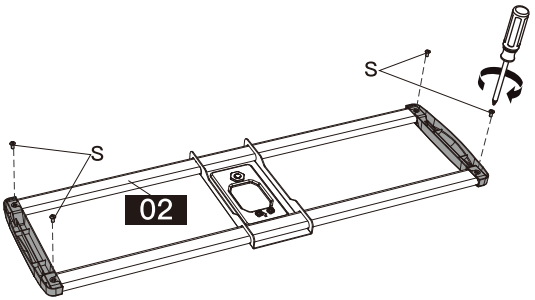


Phillips Screwdriver (Not Included)

4–2 Insert the end caps [04] to the end of front support [02].

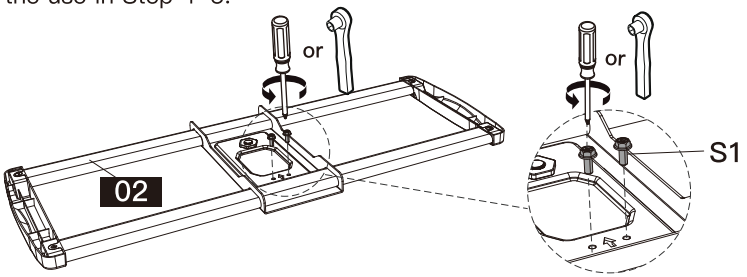


4–3 Tighten the bolts [S] removed from Step 4–1 to secure.



Phillips Screwdriver (Not Included)

4–4 Remove the preassembled bolts [S1] form the front support [02] and keep them for the use in Step 4–5.

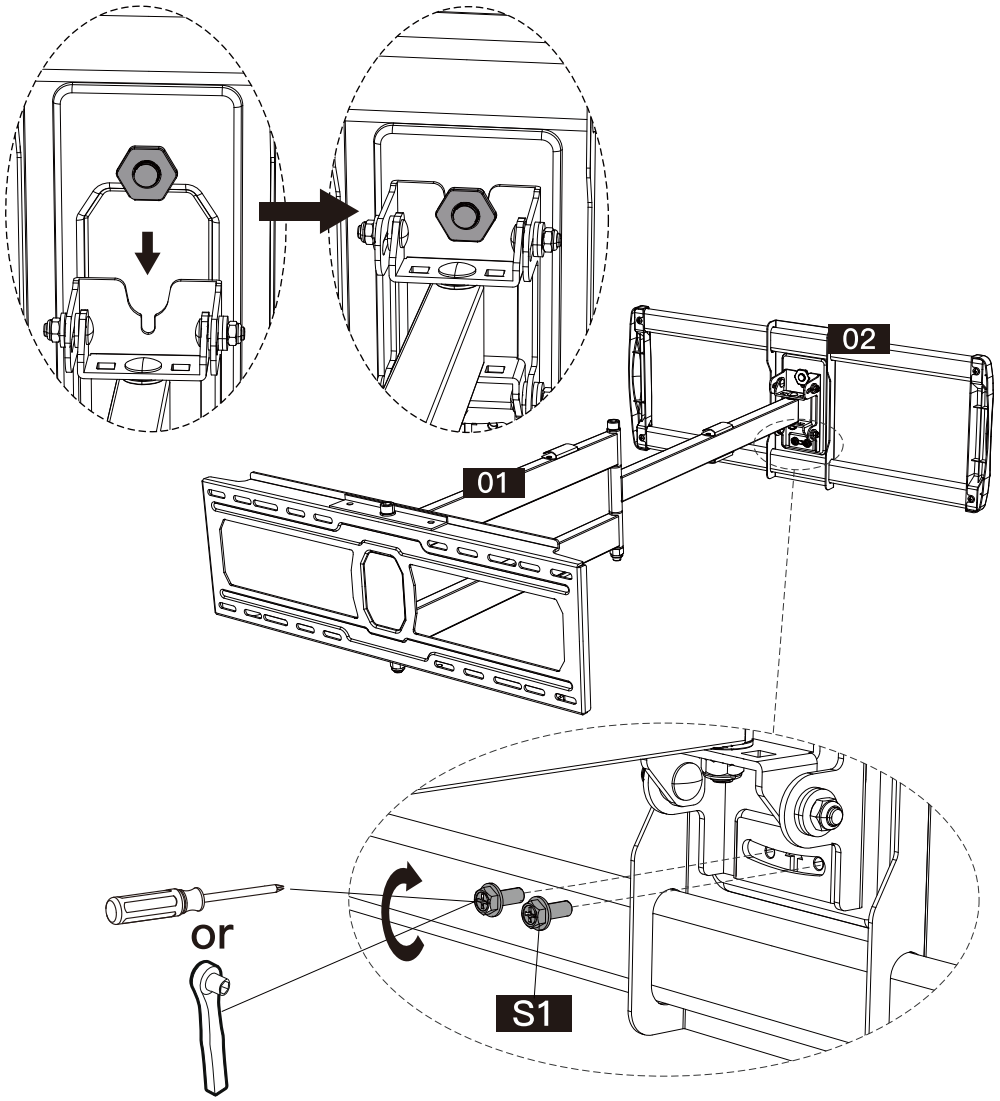


Phillips Screwdriver (Not Included)

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

4–5 Secure the front support [02] to arm assembly / wall plate [01] using the preassembled bolts [S1] removed from Step 4–4.

NOTE: Make sure the big button in the front support [02] fits into the groove on the arm assembly.

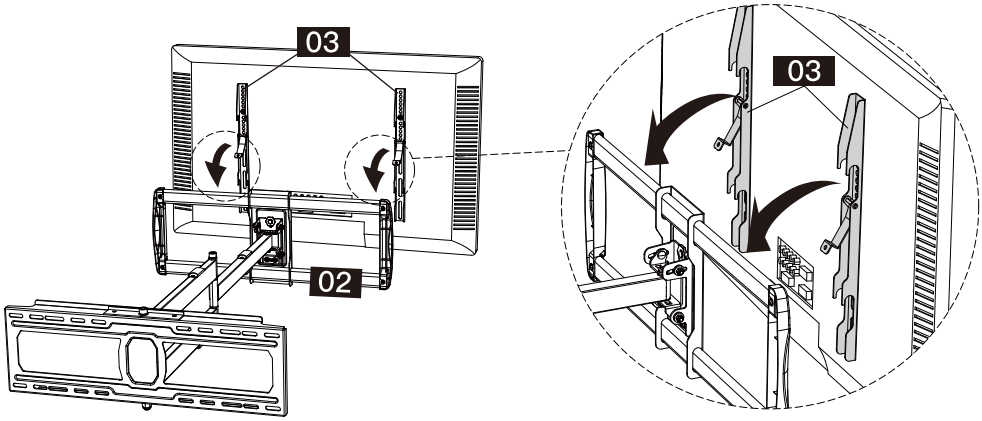


7/16” (11mm) Socket Wrench (Not Included)	Phillips Screwdriver (Not Included)

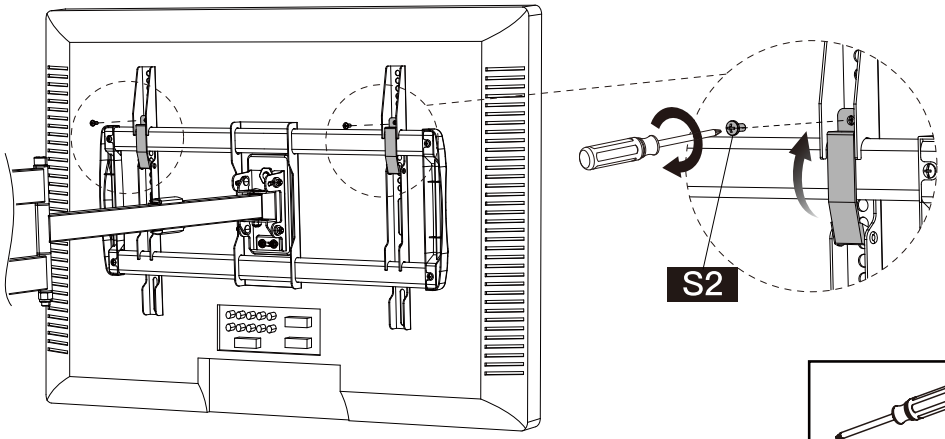
Step 5 Hang TV with Brackets [03] onto the Front Support [02]

5–1 Before attempting to hang the TV, make sure the locking tabs are positioned towards the bottom of the TV. Hang the TV with brackets [03] onto the front support [02]. Make sure that the upper and lower hooks on the TV brackets are over the front support bars.

HEAVY! You may need assistance with this step.



5–2 Position the locking tabs towards the top of the TV and secure the locking tabs in place using the bolts [S2] removed from Step 1. Firmly tighten the bolts [S2].

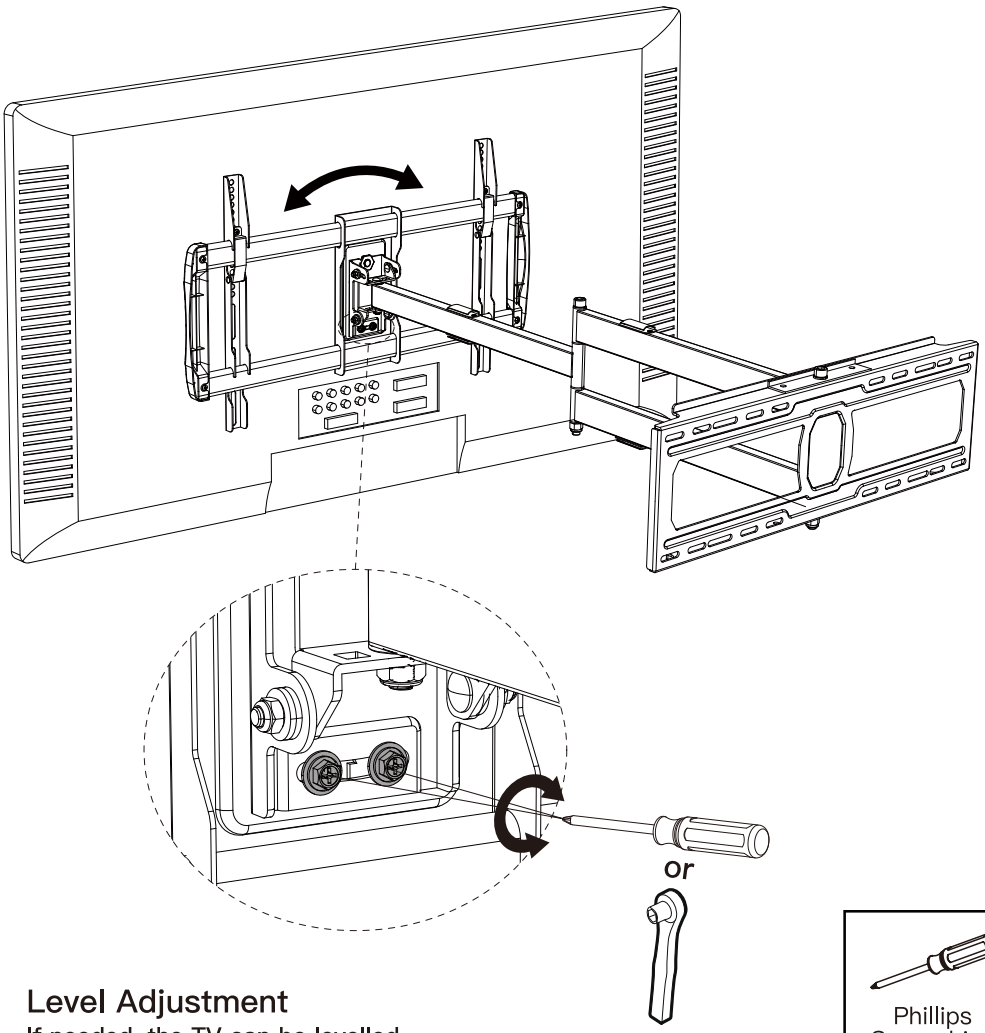


Phillips Screwdriver (Not Included)

Step 6 Adjustments



⚠ CAUTION!
DO NOT over-loosen these two bolts when adjusting the level angle to prevent the TV from falling off.



Level Adjustment

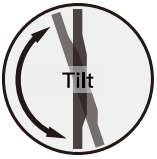
If needed, the TV can be levelled.

1. Slightly loosen the two bolts [S1] on the rear of the front support.
2. Level your TV.
3. Retighten both bolts [S1] to hold TV in place.

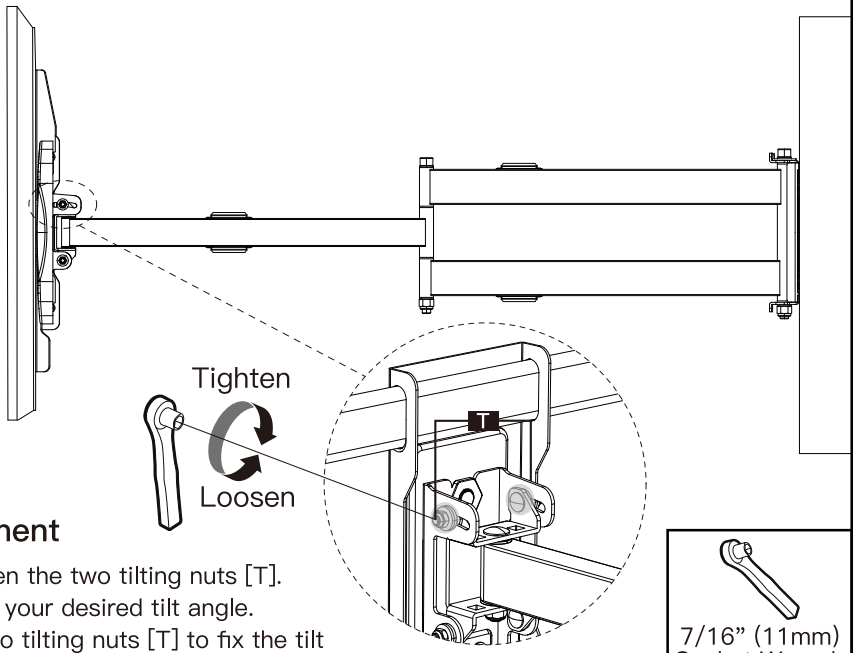
Phillips Screwdriver (Not Included)



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



⚠ CAUTION!
DO NOT over-loosen these two nuts when adjusting the tilt angle to prevent the TV from falling off.



Tilt Adjustment

1. Slightly loosen the two tilting nuts [T].
2. Adjust TV to your desired tilt angle.
3. Retighten two tilting nuts [T] to fix the tilt angle.

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

Step 7 Manage the Cables

