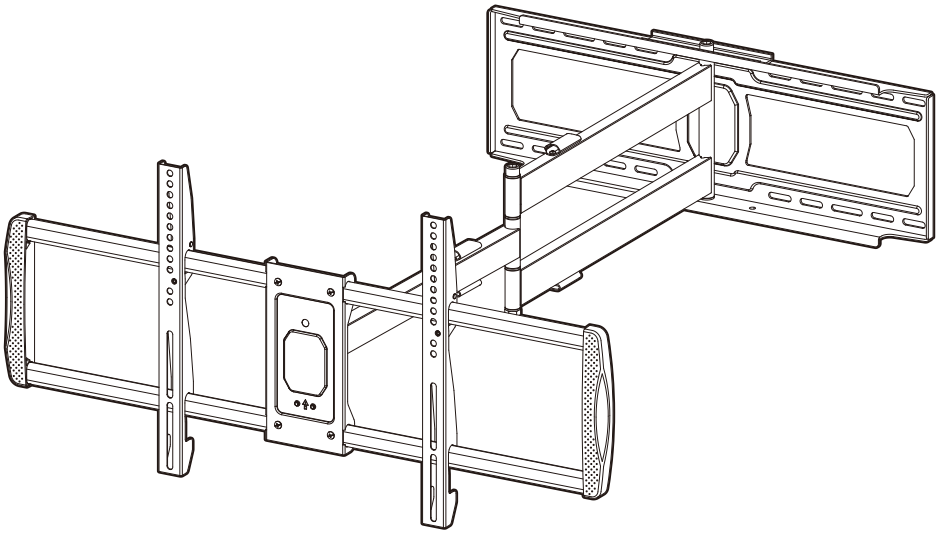
PERLESMITH

INSTRUCTION MANUAL

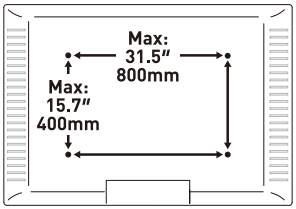
FULL-MOTION TV WALL MOUNT

PSXLF01 Rev00



BEFORE GETTING STARTED, LET'S MAKE SURE THIS MOUNT IS COMPATIBLE

1 Check VESA Pattern Compatibility



Compatible VESA Patterns:

200 x 100mm
200 x 200mm
200 x 300mm
200 x 400mm
300 x 200mm
300 x 300mm
300 x 400mm
400 x 200mm
400 x 300mm
400 x 400mm
500 x 400mm
600 x 400mm
800 x 400mm

Maximum/Minimum:
800 x 400mm (31.5 x 15.7")
200 x 100mm (7.9 x 3.9")

If this mount is not compatible, please contact product support.

2 Check Max Load



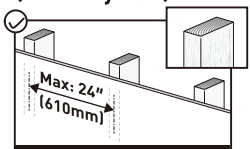
⚠ WARNING
DO NOT exceed the Max Load. Exceeding the Max Load can cause the mount to fail, leading to personal injury and/or property damage.

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

3 Verify Wall Type

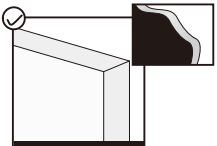
⚠ WARNING
DO NOT install on drywall alone.

Wood Studs (with Drywall)



Perfect

Solid Concrete



Perfect

?
Unsure?
Contact us.

4 Tools Needed (not included)


Electric Drill


Pencil


Phillips Screwdriver


Tape Measure


1/2" (13mm) Socket Wrench

For Wood Stud Walls


Stud Finder


Awl


7/32" (5.5mm) Wood Drill Bit

For Solid Concrete


Hammer

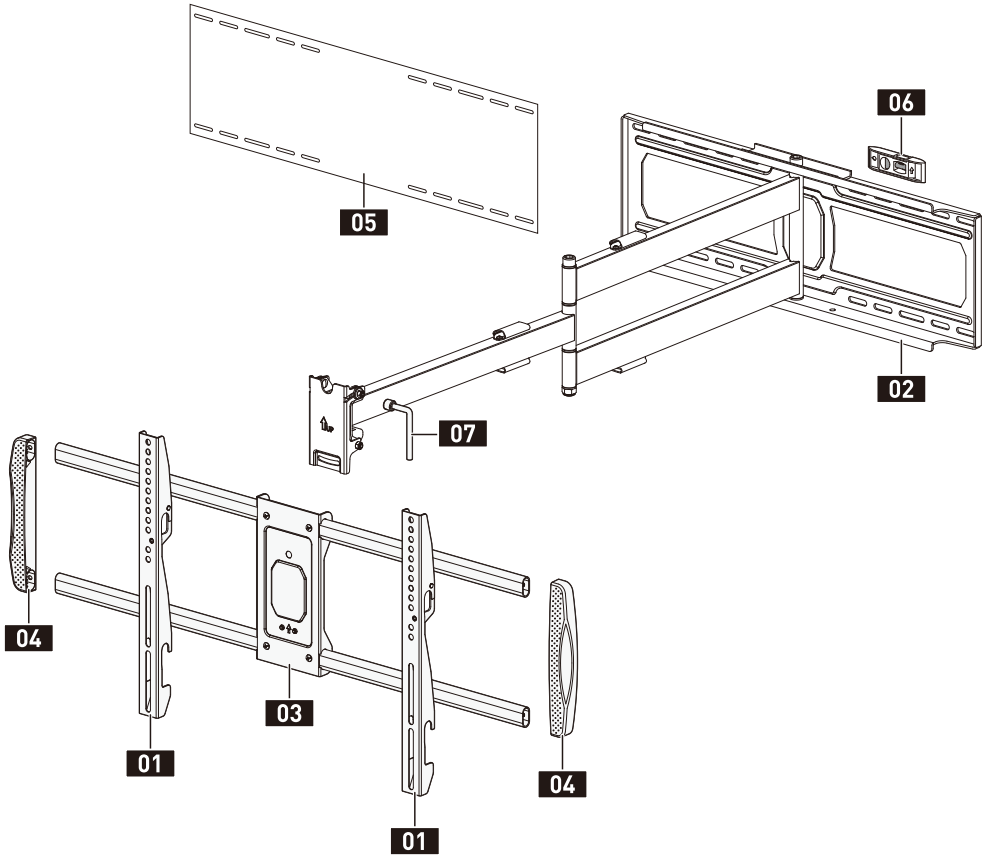

3/8" (10mm) Concrete Drill Bit

5 Important Safety Information

⚠ CAUTION: Avoid the risk of personal injury or property damage!

- This product is designed for installation on wood studs and solid concrete. DO NOT install on drywall alone.
- The wall must be capable of supporting four times the weight of the TV and mount combined.
- This product contains small parts that may pose a choking hazard.
- Do not use this product for any purpose that is NOT explicitly specified in this manual. Do not exceed the maximum weight capacity. We are not liable for damage or injury caused by incorrect assembly, improper mounting, or inappropriate use.
- Before starting assembly, verify that all parts are included and undamaged. Do not use damaged or defective parts. If you require replacement parts, please call technical support or email customer service.

WARNING: All fasteners must be firmly tightened!



01 TV Bracket

02 Arm Assembly / Wall Plate

03 Front Support

04 End Cap

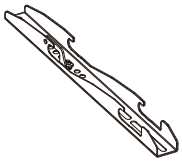
05 Wall Plate Template

06 Level

07 Socket Wrench

Supplied Parts and Hardware for Step 1

Not all hardware included in this package will be used.



TV Bracket
01 x 2



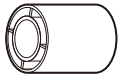
M6/M8
Washer
B1 x 4



L2.5mm
Spacer
E1 x 8



L10mm
Spacer
E2 x 4



L22mm
Spacer
E3 x 4

M6

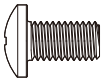


M6 x 15mm
TV Bolt
C1 x 4

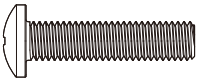


M6 x 35mm
TV Bolt
C2 x 4

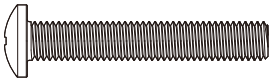
M8



M8 x 15mm
TV Bolt
D1 x 4

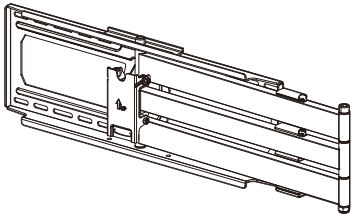


M8 x 35mm
TV Bolt
D2 x 4

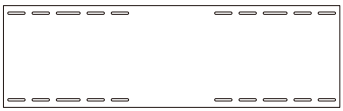


M8 x 50mm
TV Bolt
D3 x 4

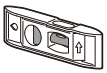
Supplied Parts and Hardware for Step 2



Arm Assembly / Wall Plate
02 x 1



Wall Plate Template
05 x 1



Level
06 x 1



ST8 x 90mm
Lag Screw
A x 6



φ8
Washer
B x 6

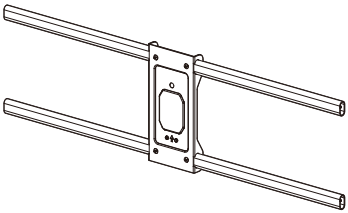


Wall Anchor
C x 6

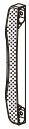
⚠ CAUTION!

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

Supplied Parts and Hardware for Step 4

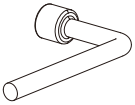


Front Support
03 x 1



End Cap
04 x 2

Supplied Parts and Hardware for Step 6



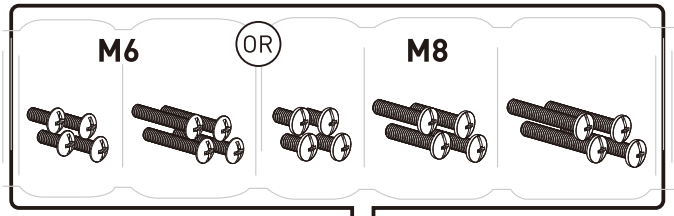
Socket Wrench
07 x 1

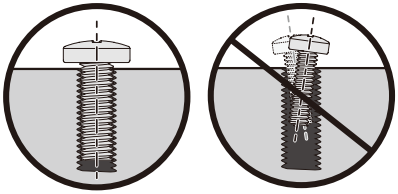
INSTALLATION

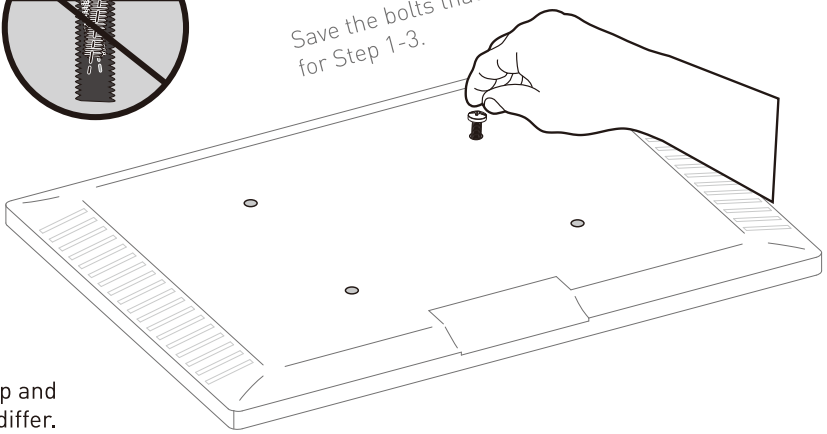
STEP 1 Attach the TV Brackets to Your TV

1-1 Select TV Bolts

The correct bolt diameter will thread smoothly into your TV.

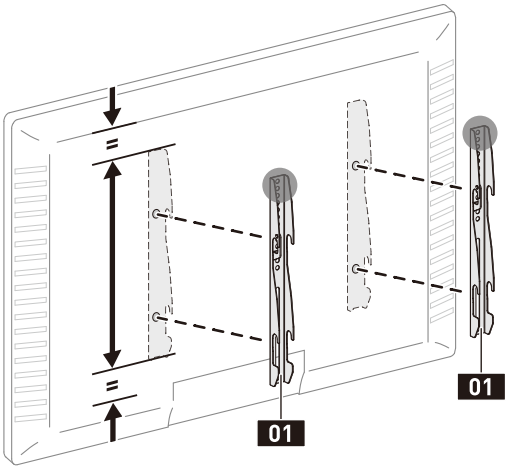


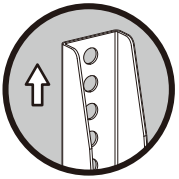




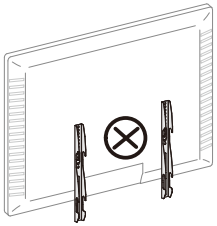
The depth of the top and bottom holes may differ.

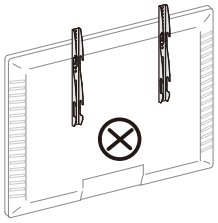
1-2 Position the TV Brackets

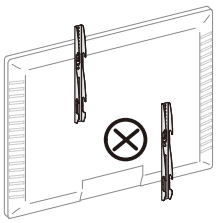




Round Holes Up





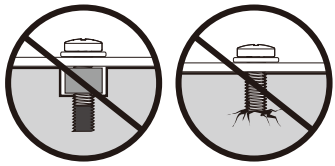


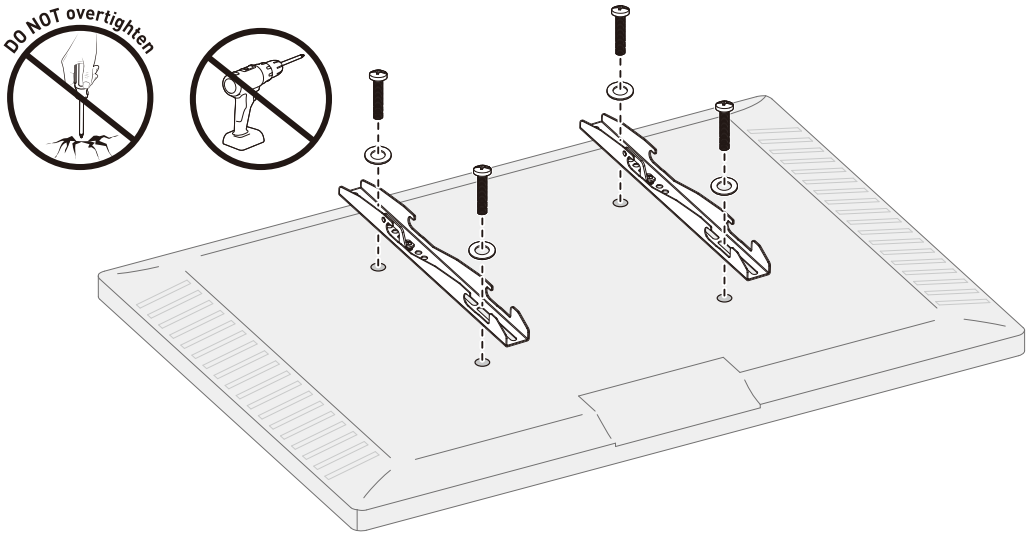
1-3 Secure the TV Brackets

For Flat-Back TV, go to Option A on this page.
For Bump, Curved TV, Recessed Holes and Cables, go to Option B on next page.

⚠ WARNING:

- DO NOT turn the bolt past the bottom of the hole.
- If the bolt is too short, it may not adequately support the TV.
- If the bolt is too long, it could damage the TV.
- At least 4–5 turns into the threading is required.
- **The depth of the bottom holes may be different from the top holes.**



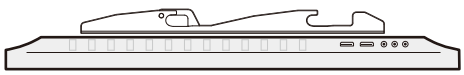


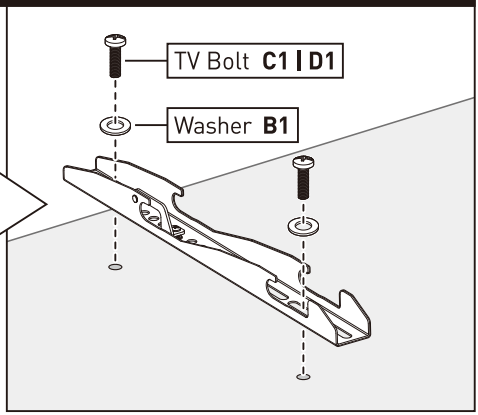
Option A

Use **short** TV bolts with washers.



Flat-Back TV





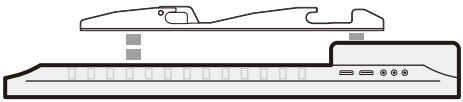
Option B **Next page**

Option B

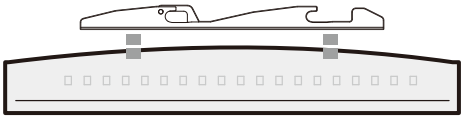
Use **long** TV bolts with washers and spacers to create extra space between the TV and brackets.



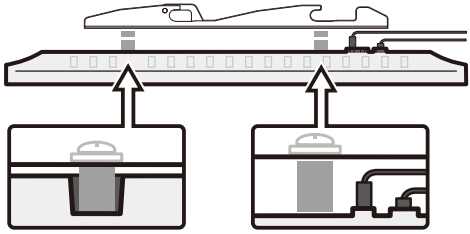
Bump



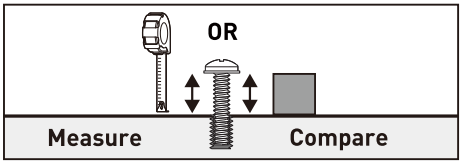
Curved TV



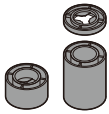
TV with Mounting Restrictions



Recessed Holes **Protruding Cables**

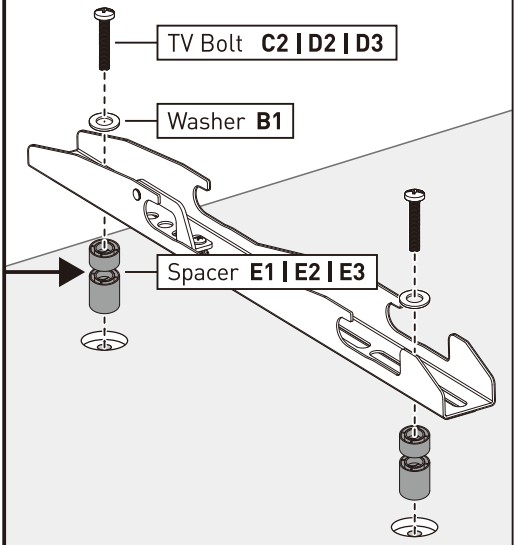


You can use a tape measure to measure the protruding bolts or hold spacers next to them to choose the right spacer combination.



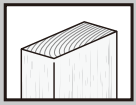
Note:
There are many possible spacer combinations that can be used.

1-800-556-6806 (US/CA)
44-808-196-3891 (UK)
supportus@perlesmith.com



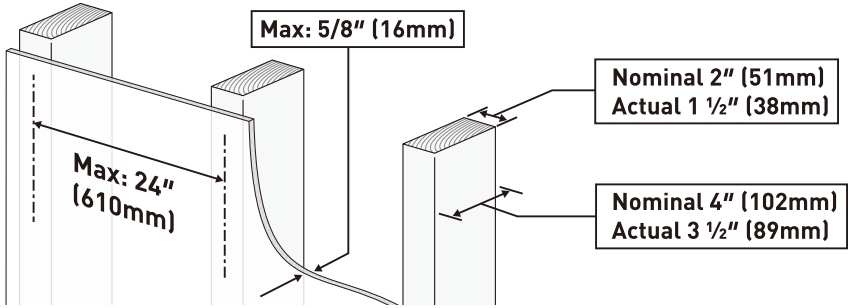
STEP 2 Mount the Arm Assembly / Wall Plate on the Wall

For mounting on wood stud walls, go to Option A on page 09 to 10.
For mounting on solid concrete, go to Option B on page 11 to 12.



Option A

For **Wood Stud Installation**



Tools Needed (Not Included)


Electric Drill


Pencil


Tape Measure


Stud Finder


Awl


7/32" (5.5mm)
Wood Drill Bit

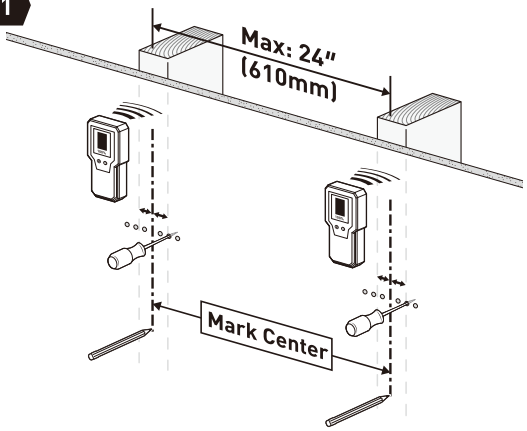

1/2" (13mm)
Socket Wrench

⚠ WARNING:

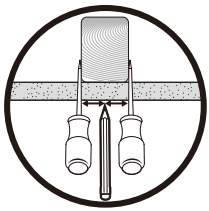
- Avoid the risk of personal injury or property damage! Tighten the lag screws **A** and washers **B** only until they are pulled firmly against the wall plate **(DO NOT overtighten)**. Do not use a drill; only use a socket wrench.
- Do not use wall anchors **C** for this mounting option.


C
Wall Anchor

1

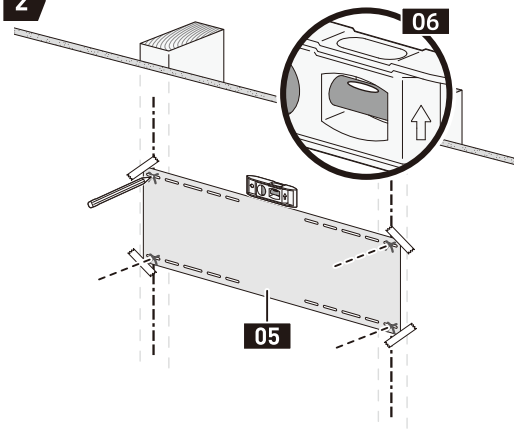


Find Studs and Mark Holes



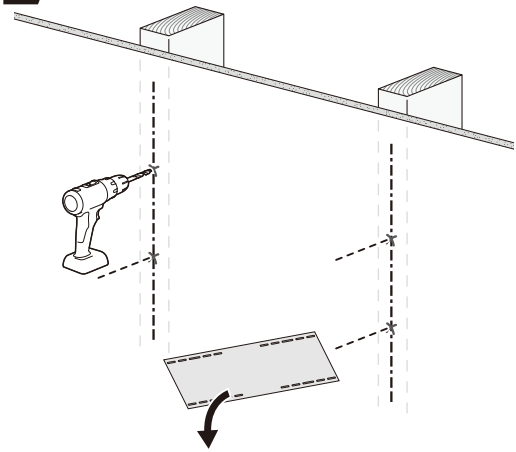
2

Mark 4 Hole Positions

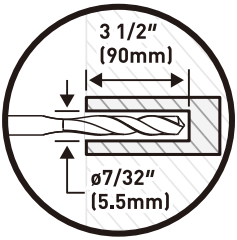


3

Drill 4 Holes

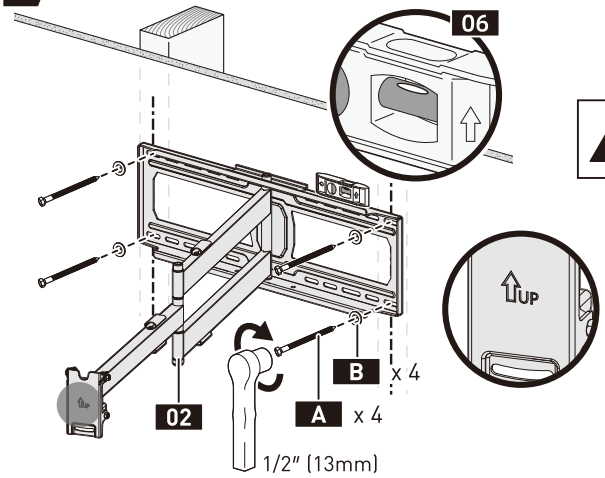


Note: Be sure to use the specified drill bit.

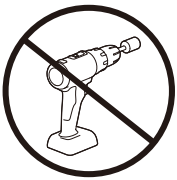


4

Secure the Wall Plate



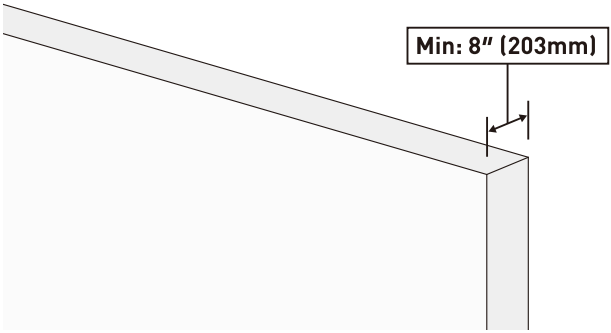
HEAVY! You may need assistance with this step.



Go to Step 3 on Page 13

Option B

For **Solid Concrete Installation**



Tools Needed (Not Included)


Electric Drill


Pencil


Tape Measure


Hammer


3/8" (10mm) Concrete Drill Bit

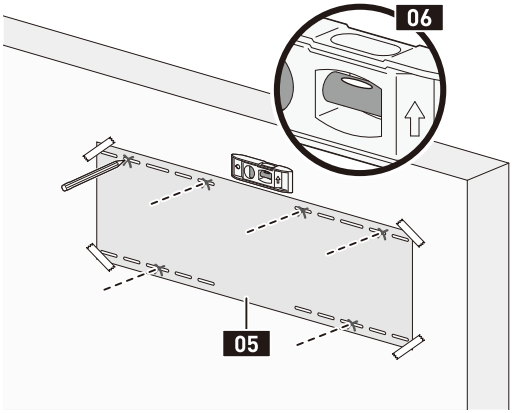

1/2" (13mm) Socket Wrench

⚠ WARNING:

- Avoid the risk of personal injury or property damage! Tighten the lag screws **A** and washers **B** only until they are pulled firmly against the wall plate **(DO NOT overtighten).** Do not use a drill; only use a socket wrench.
- Use wall anchors **C** for this mounting option.
- Mount the arm assembly / wall plate directly on the concrete surface.


C
Wall Anchor

1

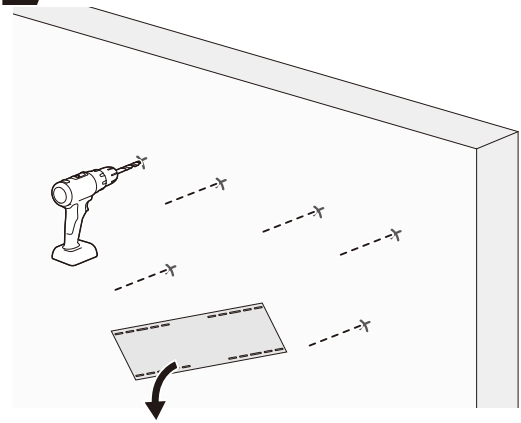


Mark 6 Hole Positions

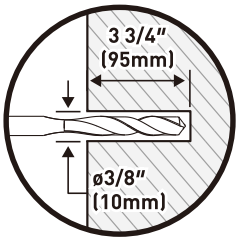
Note: Mark 2 upper holes near the outside of the template and 2 closest to the middle.

2

Drill 6 Holes

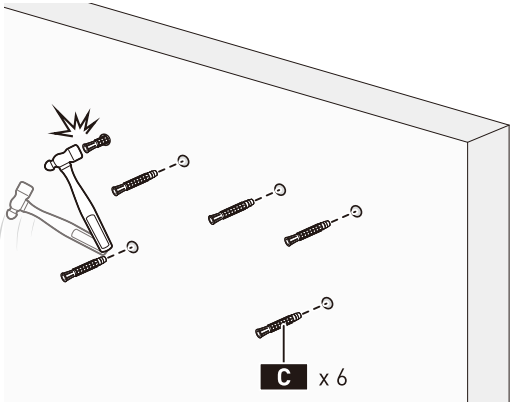


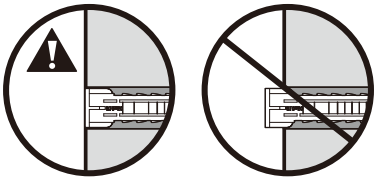
Note: Be sure to use the specified drill bit.



3

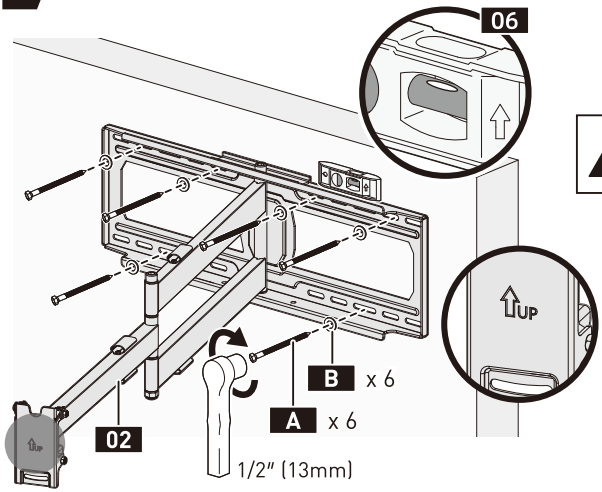
Tap Wall Anchors In



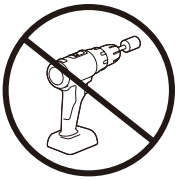


4

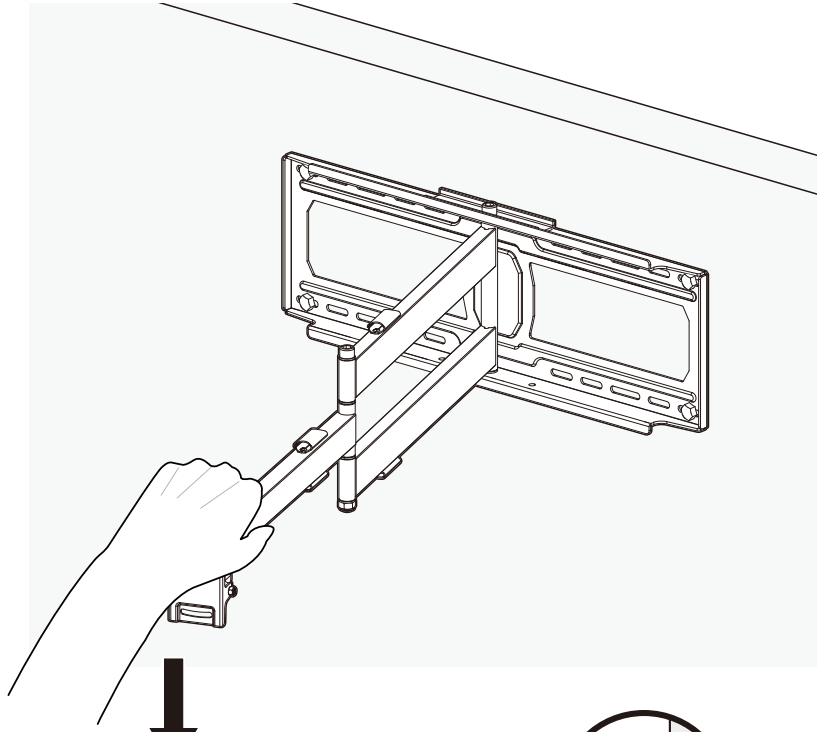
Secure the Wall Plate

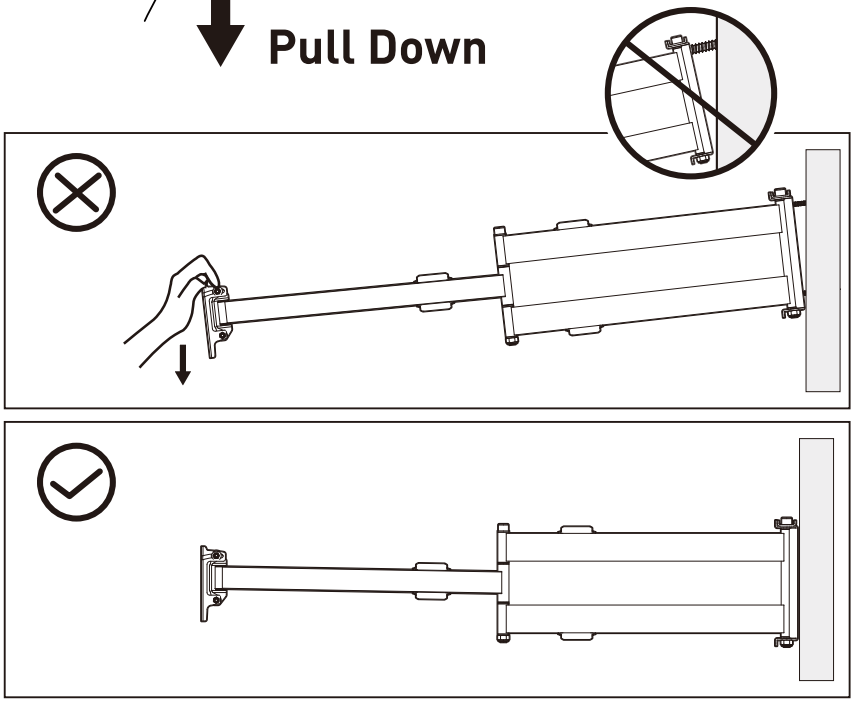


HEAVY! You may need assistance with this step.

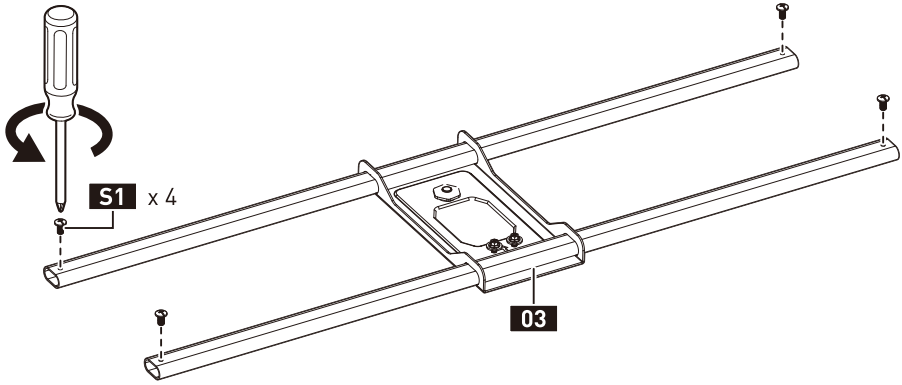


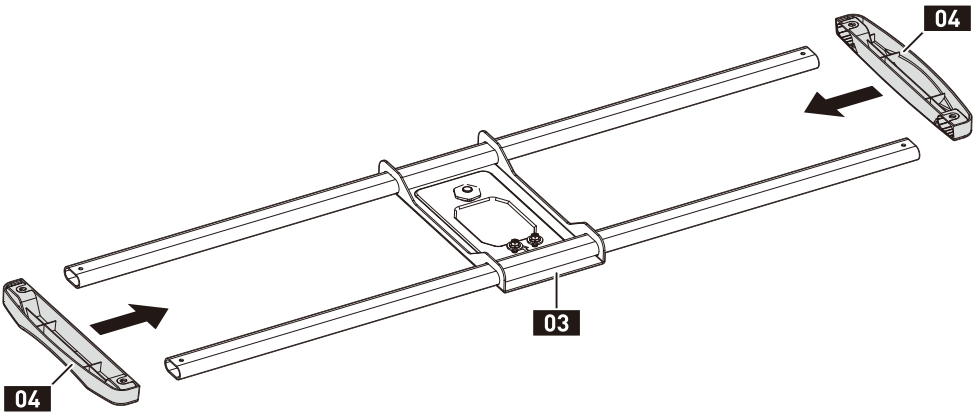
STEP 3 Verify Wall Plate is Firmly Mounted

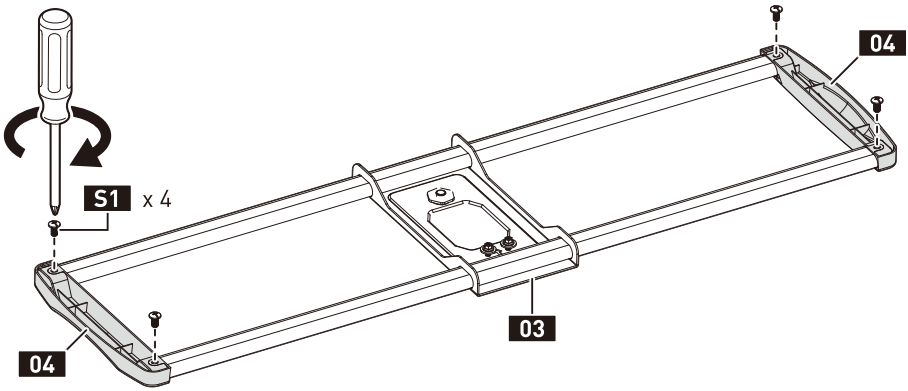


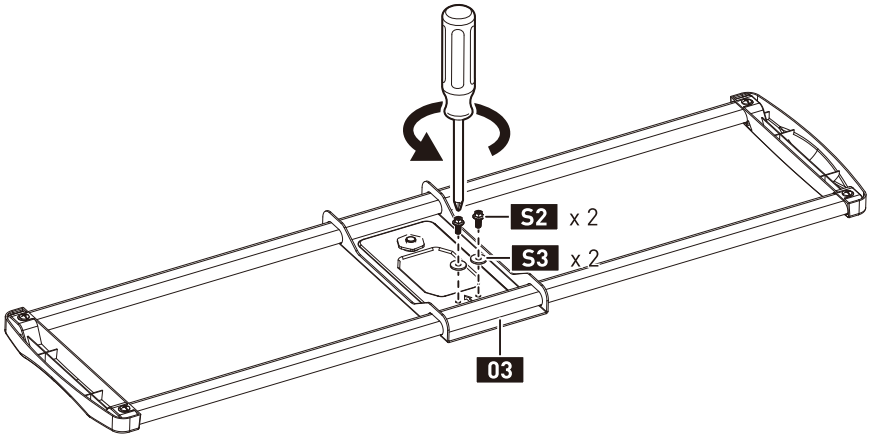


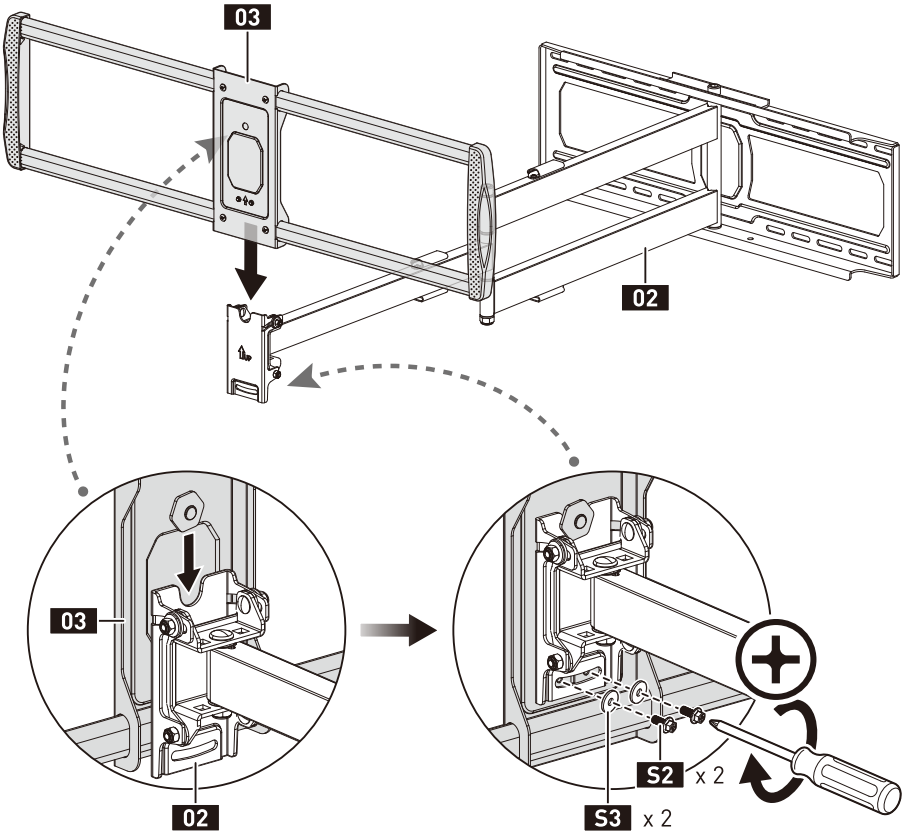
STEP 4 Attach the Front Support to the Arm Assembly





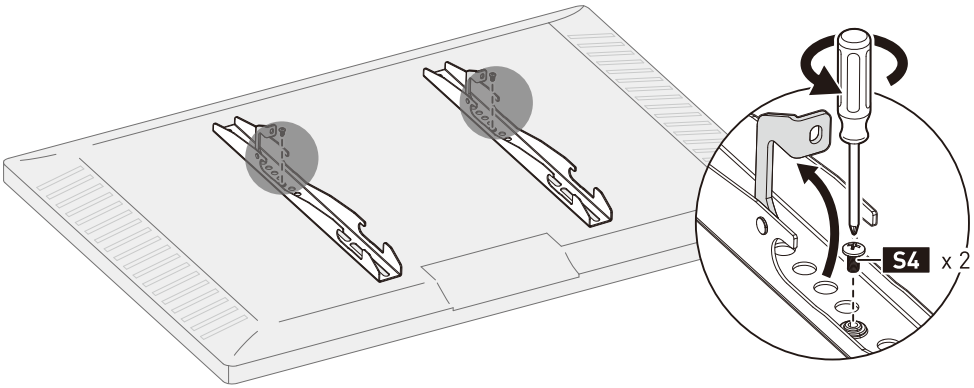


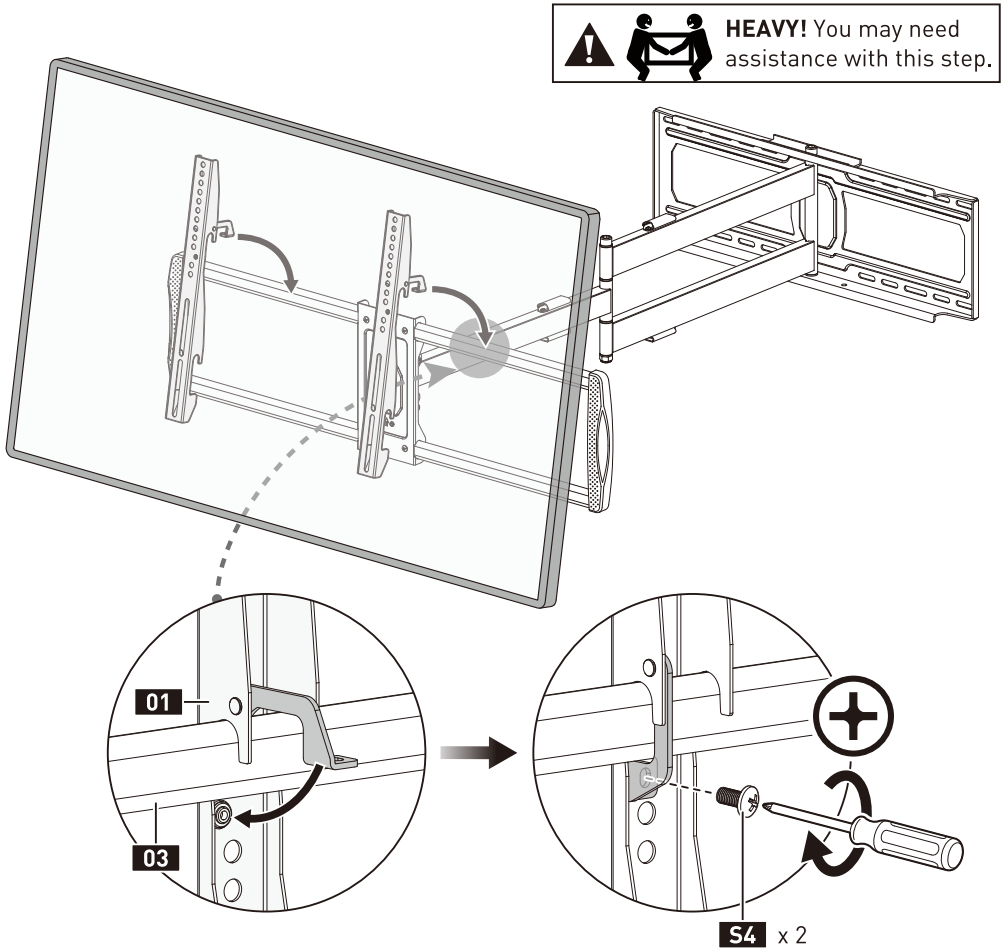




Make sure the upper nut fits into the groove on the connector. Attach and secure the bolts **S2** and washers **S3** .

STEP 5 Hang TV on the Front Support



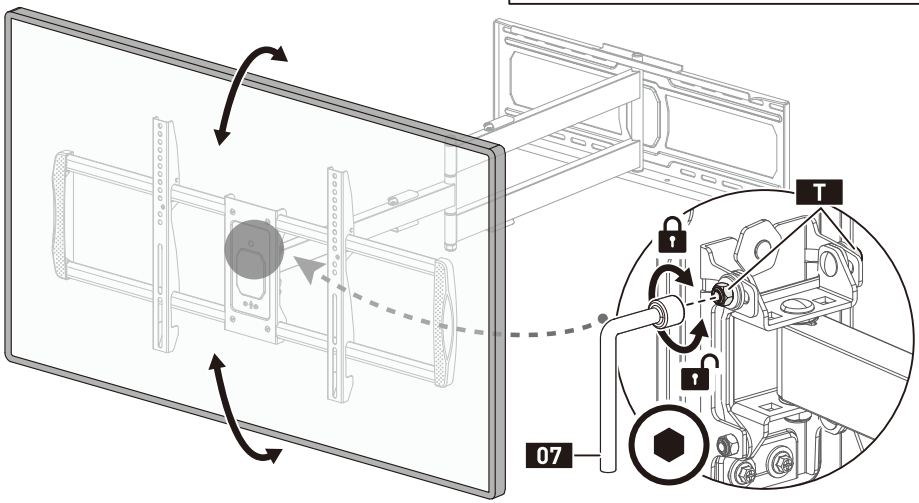


Hang the TV using the hooks on both brackets. Close the safety locks and secure with bolts **S4**.

STEP 6 Tilt Adjustment



NOTE: Please DO NOT overtighten or overloosen the nuts **T**.

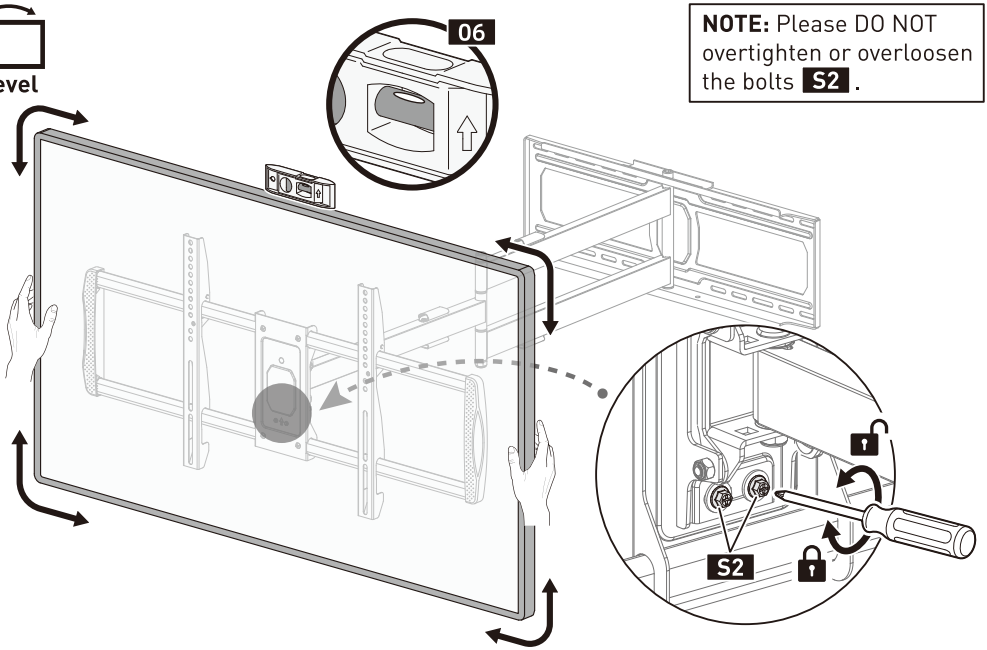


Slightly loosen the tilt nuts **T**, then tilt your TV. Retighten the tilt nuts **T** to hold the TV in position.

STEP 7 Level Adjustment



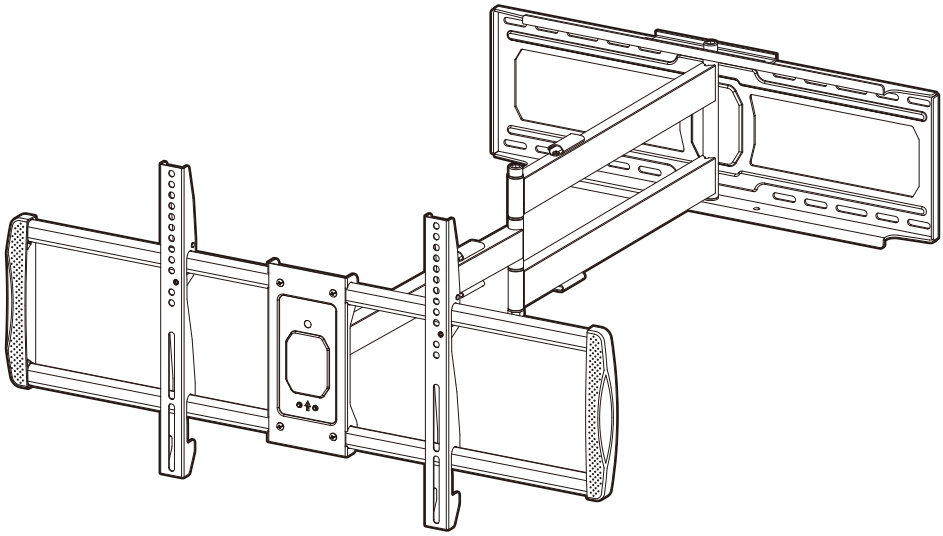
NOTE: Please DO NOT overtighten or overloosen the bolts **S2**.



If it is difficult to level your TV, slightly loosen 2 leveling bolts **S2**, then level your TV. Retighten the leveling bolts **S2** to hold the TV in place.

PERLESMITH

MAGNIFY YOUR AUDIO–VISUAL EXPERIENCE



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