注：此页为技术说明，非印刷内容

刀模线： ————

内折线： ————

展开尺寸图：

297mm

210mm

装订效果图：

封底　　封面
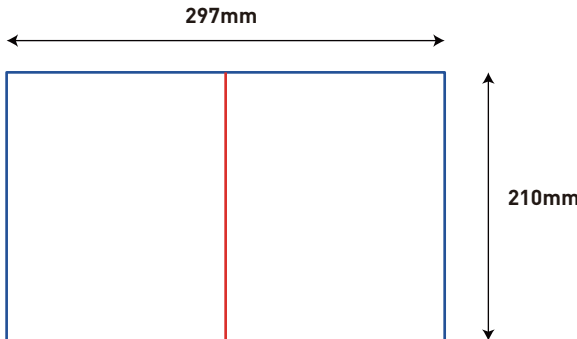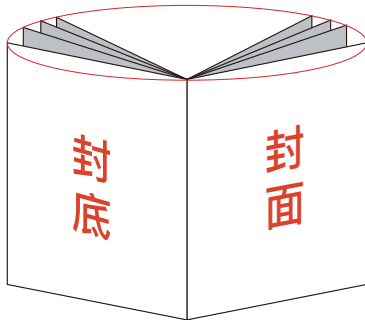
技术要求：

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A5，16页

3、颜色：单色

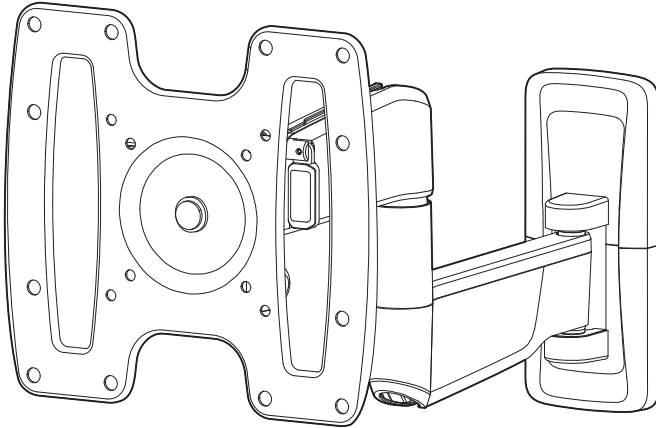4、印刷：印刷图档见后续页，双面印刷

5、装订方式：骑马钉

符号标识

版本变更 ◇

关键尺寸 ⬭ XXX

编号 ⬭

参考尺寸 (.XXX)

除 非 另 有 说 明		标记	处数	ECO#	发行时间		名称	ERMMS2-01B-Manual(单英UL同册)-SAE	PLM 号	860-02782-00
0-30	±1	设 计		P M					投影法	第一角投影法
30-150	±2	绘 图	Max	日期	2024/05/23		图号		版 本	00
150-300	±3							材料		
300-450	±4	审 批	Lily	日期			规格		重量G	
>450	±5	除去所有利边, 尖点，毛刺							比例	1:1

共 1 页　　第 1 页

倍思奇创新科技（深圳）股份有限公司

ERGOAV™

Small Motion TV Mount
Instruction Manual

ERMMS2

Thank you for choosing ErgoAV!

At ErgoAV, our goal is to add value to your AV experience by providing the highest quality products and services in the industry. We offer a 5-year warranty. If you have any questions or concerns, please contact us.

🏢 **ErgoAV**

📍 **9501 Louisiana Ave N, #200, Brooklyn Park, MN 55445**
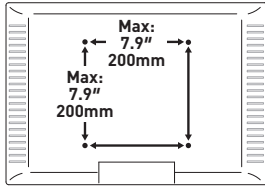
📞 **(877) 419-7832 Mon-Fri 8am - 8pm (CST)**

✉️ **support@ergoav.com**

🌐 **www.ergoav.com**

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

1

Check VESA Pattern Compatibility

Max: 7.9" 200mm
Max: 7.9" 200mm

Compatible VESA Patterns:

75 x 75mm   100 x 200mm
100 x 100mm   200 x 200mm

Maximum/Minimum:
200 x 200mm (7.9 x 7.9")
75 x 75mm (3 x 3")

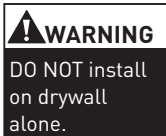If this mount is not compatible, please contact product support.

2

Check Max Load

45 lbs (20.5kg)

⚠ WARNING

DO NOT exceed the Max Load. Use with products heavier than the Max Load may result in failure of the mount and its accessories, causing possible damage and/or injury.
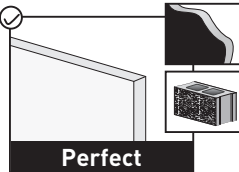
If your TV weighs more, this mount is NOT compatible.

3

Verify Wall Type

⚠ WARNING
DO NOT install on drywall alone.

Wood Studs (with Drywall)

16" (406mm)

Perfect

Concrete and Concrete Block Walls

Perfect
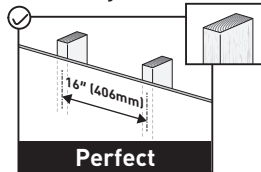
?
Unsure? Contact us.
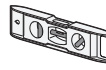
4

Tools Needed (not included)

Electric Drill | Pencil | Phillips ⊕ Screwdriver | Level | Tape Measure | 1/2" (13mm) Socket Wrench

For Wood Stud Walls

Stud Finder | Awl | 7/32" (5.5mm) Wood Drill Bit

For Concrete and Concrete Block Walls

Hammer | 3/8" (10mm) Concrete Drill Bit

5

Important Safety Information

⚠ **DANGER:** Please carefully read all instructions before attempting installation. If you DO NOT understand the instructions or have any questions or concerns, please call technical support or email customer service.

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

⚠ **WARNING:** All fasteners must be firmly tightened!

• This mount can only be installed on wood studs, concrete and concrete block walls. 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.

• Use this mounting system only for its intended purpose 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
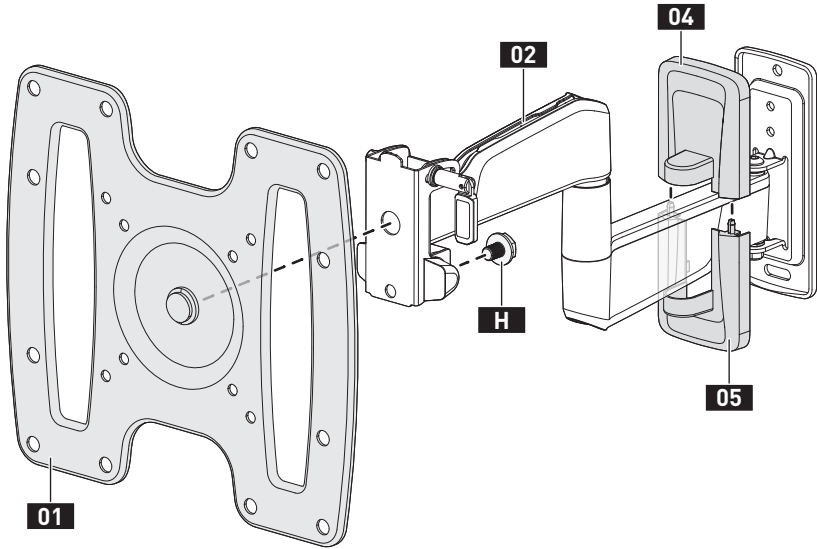
01	Faceplate	**H**	Bolt
02	Arm Assembly / Wall Plate		
03	Wall Plate Template		
04	Upper Wall Plate Cover		
05	Lower Wall Plate Cover		

STEP 1 **Choose Compatible VESA Pattern**

200mm

100mm

75mm

75mm

100mm

200mm
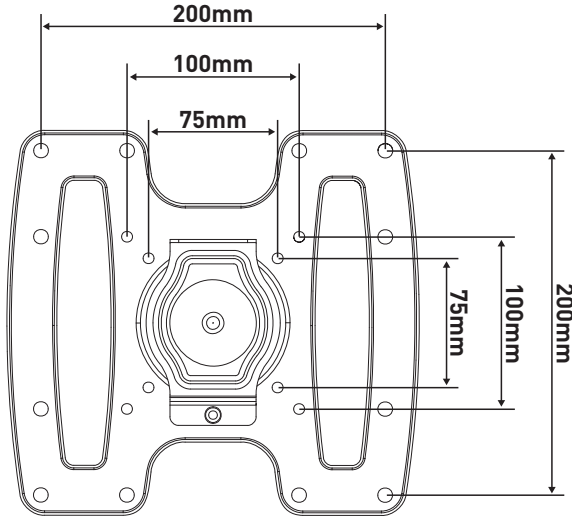
75mm

100mm

200mm

75 x 75mm / 3 x 3″
100 x 100mm / 3.9 x 3.9″
100 x 200mm / 3.9 x 7.9″
200 x 200mm / 7.9 x 7.9″

Supplied Parts and Hardware for Step 2
Not all hardware included in this package will be used.
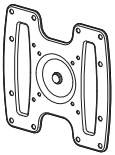
Faceplate
01 x 1

M4/M5
Washer
B1 x 4

M6/M8
Washer
B2 x 4

L2.5mm
Spacer
G1 x 4
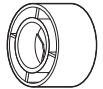
L10mm
Spacer
G2 x 8

M4

M4 x 12mm
TV Bolt
C1 x 4

M4 x 30mm
TV Bolt
C2 x 4

M6

M6 x 15mm
TV Bolt
E1 x 4

M6 x 35mm
TV Bolt
E2 x 4

M5

M5 x 25mm
TV Bolt
D x 4

M8

M8 x 15mm
TV Bolt
F1 x 4
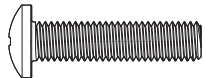
M8 x 35mm
TV Bolt
F2 x 4

2-1 Select TV Bolts

The correct bolt diameter will thread smoothly into your TV.

(OR) **M4** (OR) **M5** (OR) **M6** (OR) **M8**
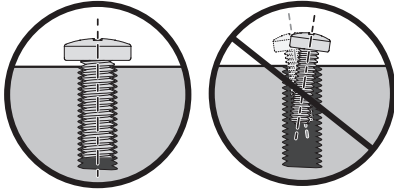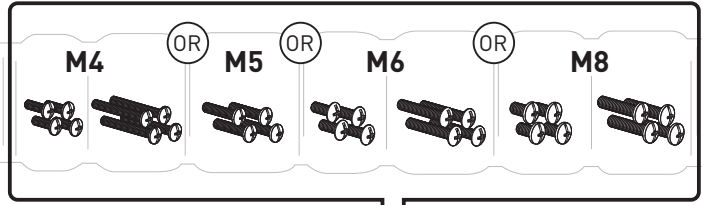
Save the bolts that fit (M4, M5, M6, or M8) for Step 2-3.
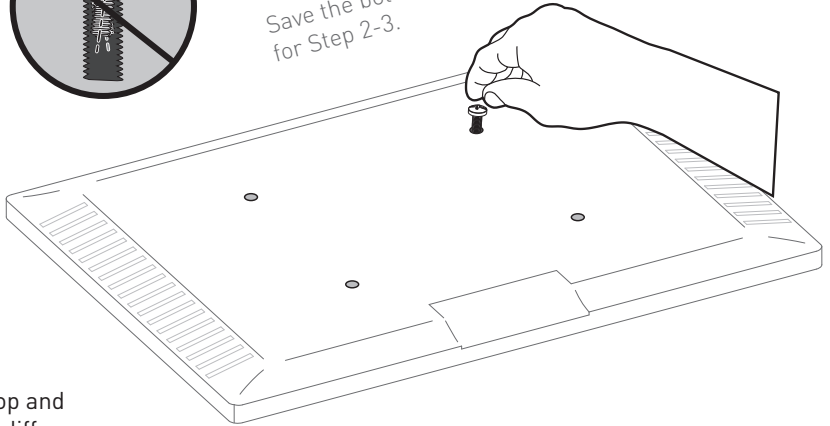
⚠️
The depth of the top and bottom holes may differ.

2-2 Position the Faceplate

Raised Tab Up

01
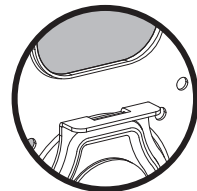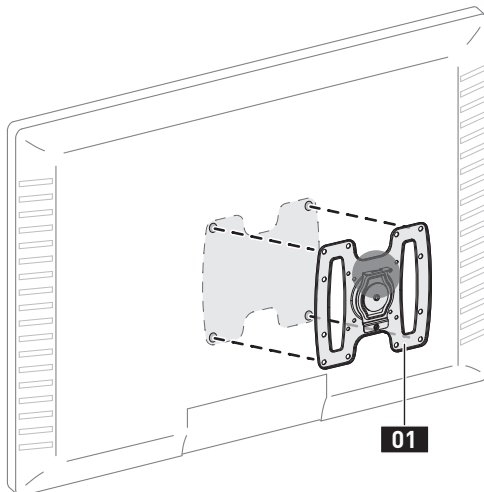
2-3 Secure the Faceplate

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.**

Too Short   Too Long
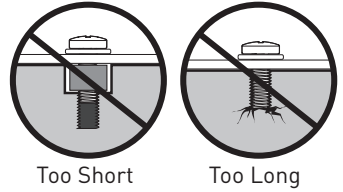
DO NOT overtighten
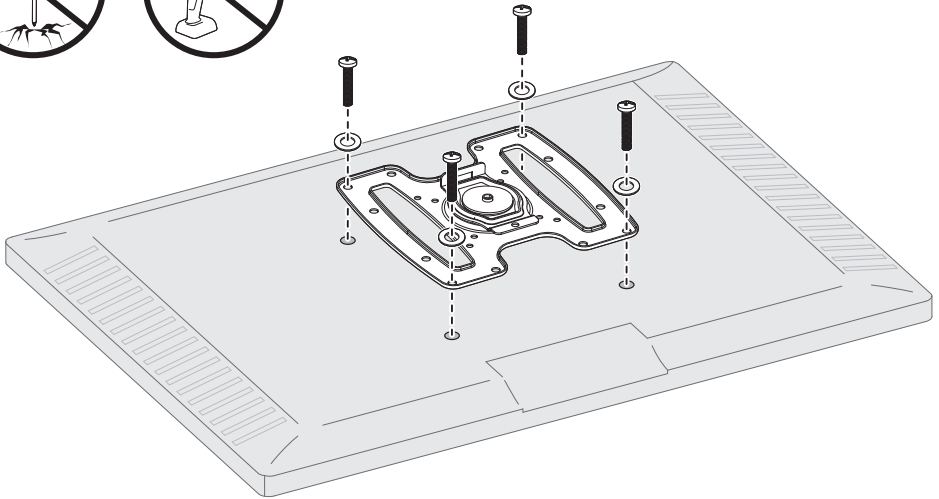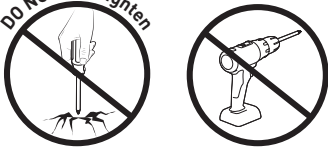
Option A

Use **short** TV bolts with washers.

Flat-Back TV

TV Bolt **C1 | E1 | F1**

Washer **B1 | B2**
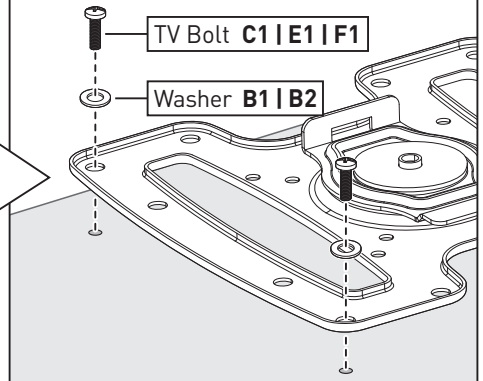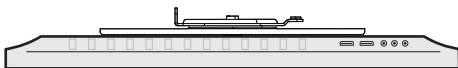
Option B

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

Bump
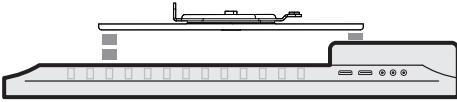
Curved TV
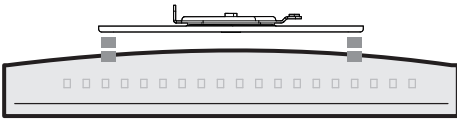
TV with Mounting Restrictions
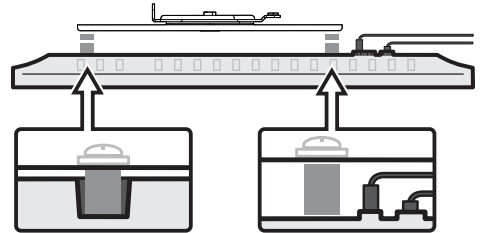
Recessed Holes   **Protruding Cables**

OR

Measure   **Compare**
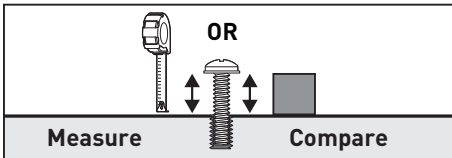
You can use a tape measure to measure the protruding bolts or hold spacers next to them to choose the right spacer combination.
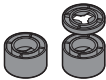
⚠ **Note:**
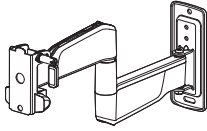There are many possible spacer combinations that can be used.

TV Bolt **C2 | D | E2 | F2**

Washer **B1 | B2**

Spacer **G1 | G2**
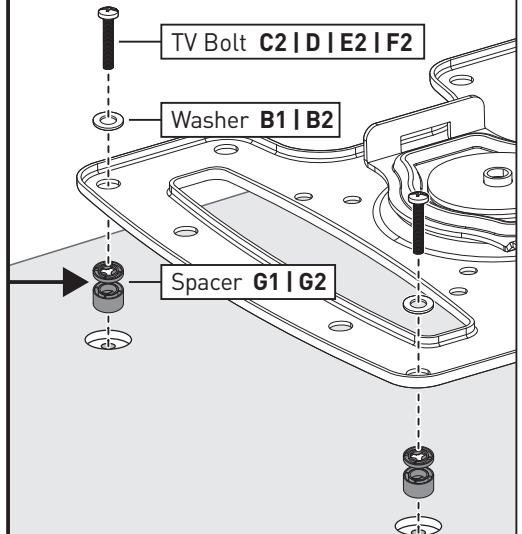
📞 (877) 419-7832
Mon-Fri 8am - 8pm (CST)

✉ support@ergoav.com

Supplied Parts and Hardware for Step 3

Arm Assembly / Wall Plate
02 x 1
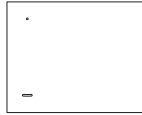
Wall Plate Template
03 x 1
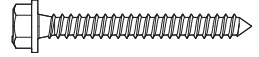
ST 5/16 x 2 3/4"
Lag Screw
A1 x 2

Wall Anchor
A2 x 2

⚠ CAUTION!

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

STEP 3 ▸ Mount the Arm Assembly / Wall Plate on the Wall

For mounting on wood stud walls, go to Option A on page 08 to 09.
For mounting on concrete and concrete block walls, go to Option B on page 10 to 11.
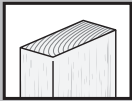
Option A
For **Wood Stud Installation**

≤5/18" (16mm)

16" (406mm)

Nominal: ≥2" (51mm)
Actual: ≥1 ½" (38mm)

Nominal: ≥4" (102mm)
Actual: ≥3 ½" (89mm)
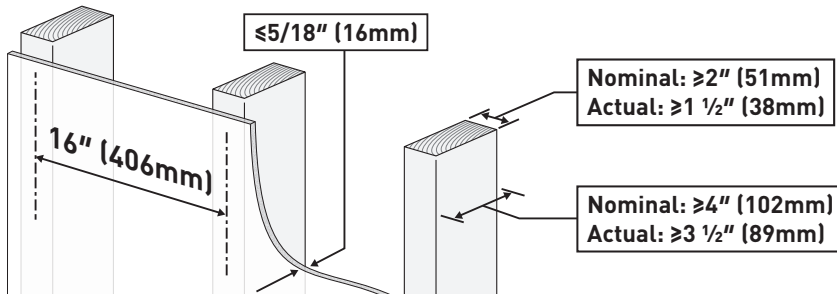
🔧 Tools Needed (Not Included)

Electric Drill | Pencil | Tape Measure | Stud Finder | Awl | 7/32" (5.5mm) Wood Drill Bit | Level | 1/2" (13mm) Socket Wrench
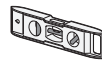
⚠ WARNING:

• Avoid the risk of personal injury or property damage! Tighten the lag screws **A1** 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 **A2** for this mounting option.

A2
Wall Anchor
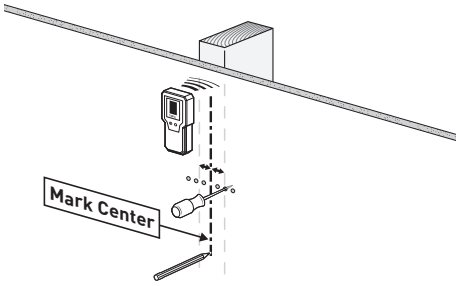
Find Studs and Mark Holes
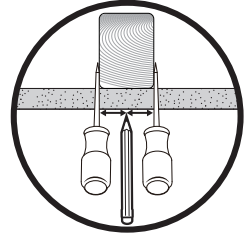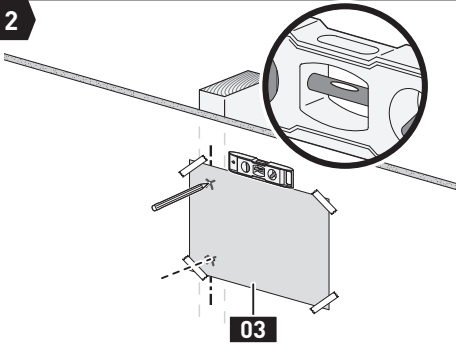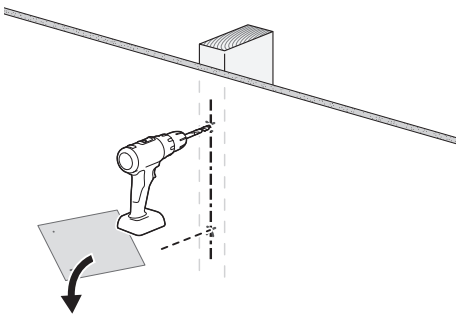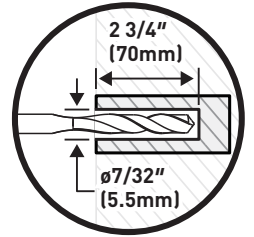

Mark Center

2 **Mark 2 Hole Positions**

03

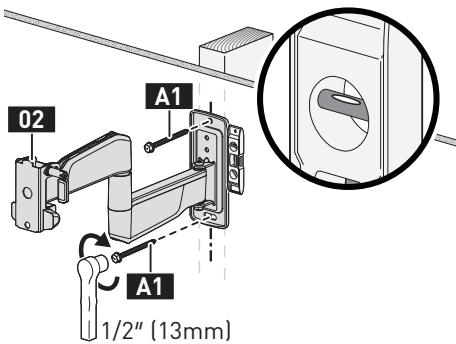**3** **Drill 2 Holes**

Note: Be sure to use the specified drill bit.

2 3/4″ (70mm)

ø7/32″ (5.5mm)

4 **Secure the Wall Plate**

02

A1

A1

1/2″ (13mm)
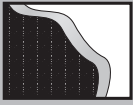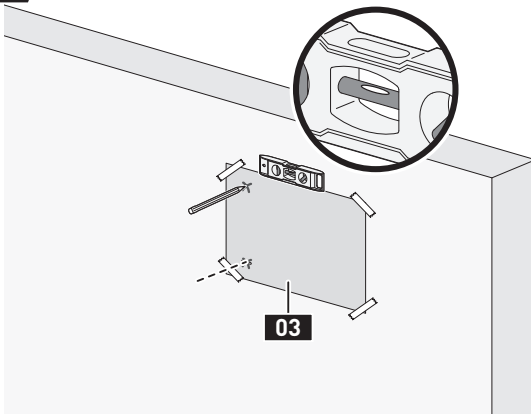
HEAVY! You may need assistance with this step.

Go to Step 4 on Page 12
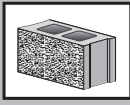
Option B

For **Concrete and Concrete Block Wall Installation**

≥8″ (203mm)

1 3/8″ 35mm

2 3/8″ 60mm

1 3/8″ 35mm
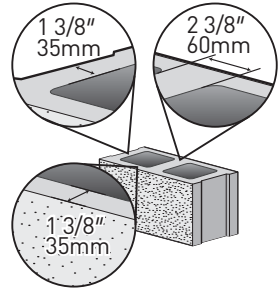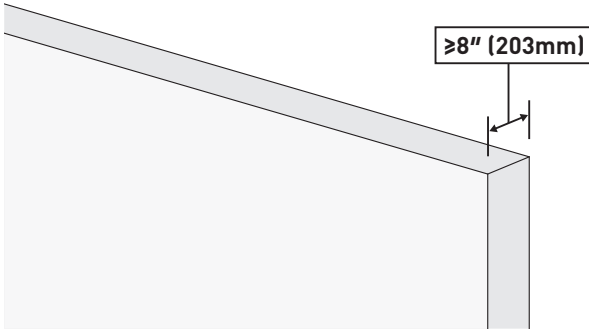
⚒ **Tools Needed (Not Included)**

Electric Drill	Pencil	Tape Measure	Hammer	3/8″ (10mm) Concrete Drill Bit	Level	1/2″ (13mm) Socket Wrench
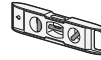
⚠ **WARNING:**

- Avoid the risk of personal injury or property damage! Tighten the lag screws **A1** 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 **A2** for this mounting option.

- Mount the wall plate directly on the concrete surface.

- Minimum concrete block size: 8″ x 8″ x 16″ (203 x 203 x 406mm)

A2 Wall Anchor

1

Mark 2 Hole Positions

03

Drill 2 Holes

Note:
• Be sure to use the specified drill bit.
• Never drill into the mortar between blocks.

3" (75mm)

ø3/8" (10mm)
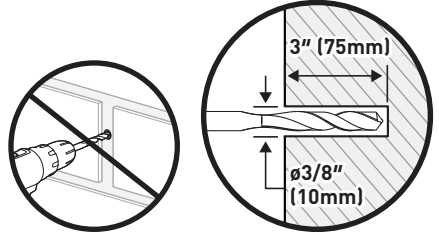
Tap Wall Anchors In
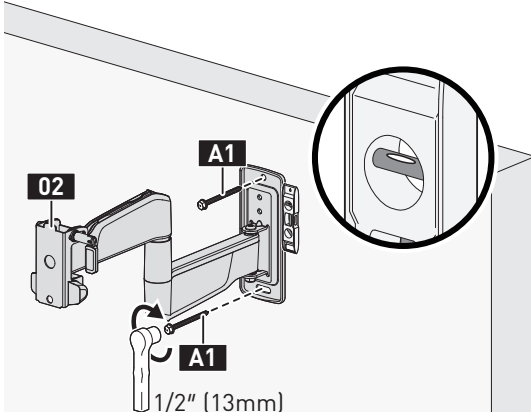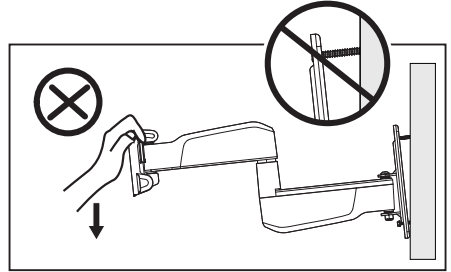
A2

A2

Fischer

Fischer
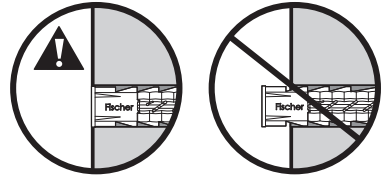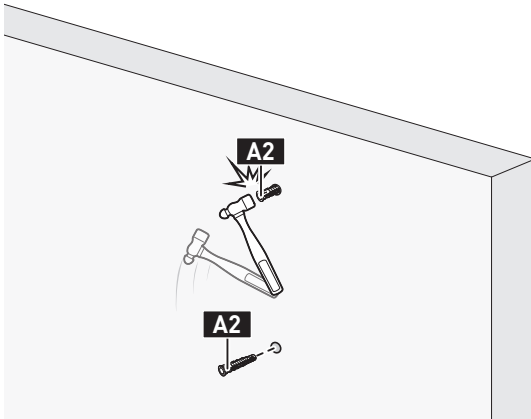
Secure the Wall Plate

HEAVY! You may need assistance with this step.

A1

02

A1

1/2" (13mm)
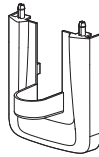
Pull Down
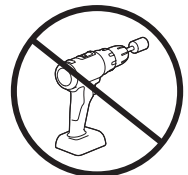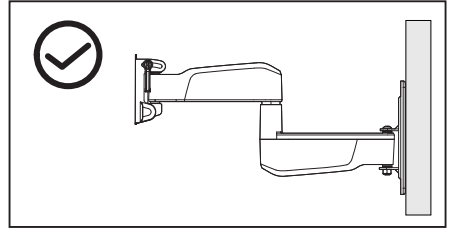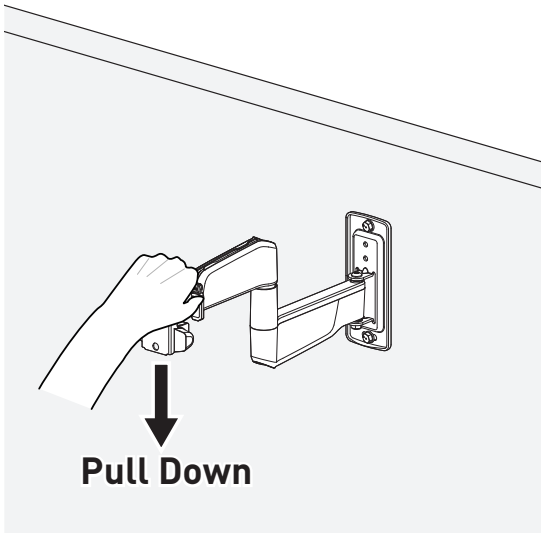
Supplied Parts and Hardware for Step 5
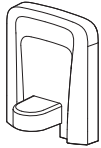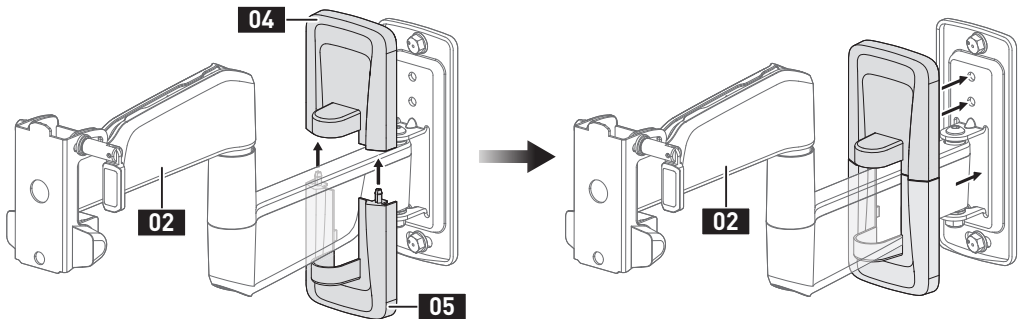

Upper Wall Plate Cover
04 x 1

Lower Wall Plate Cover
05 x 1

STEP 5   Attach the Wall Plate Covers

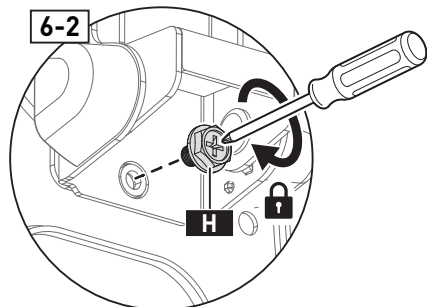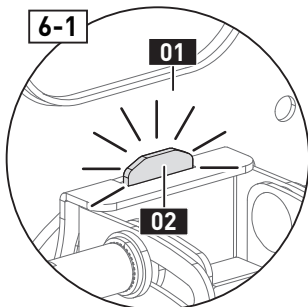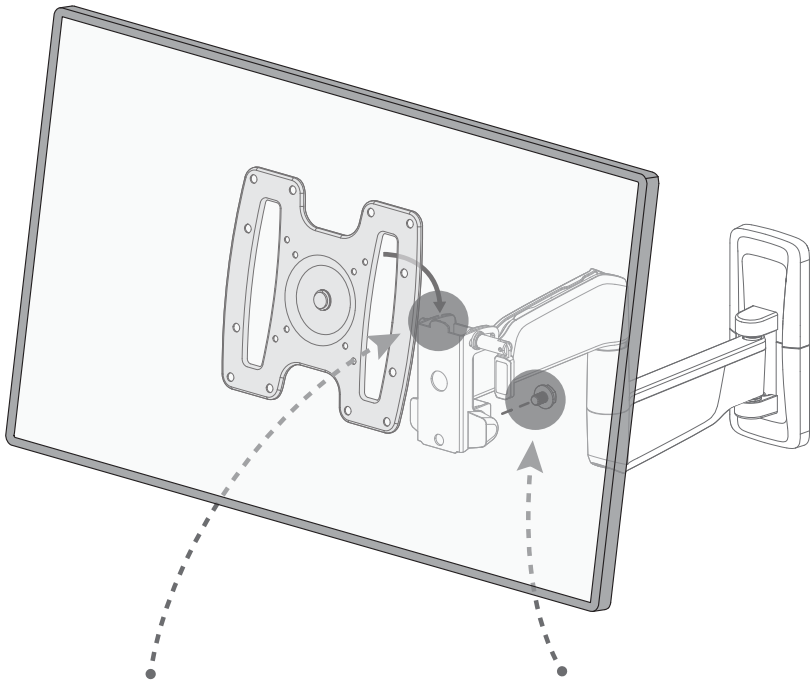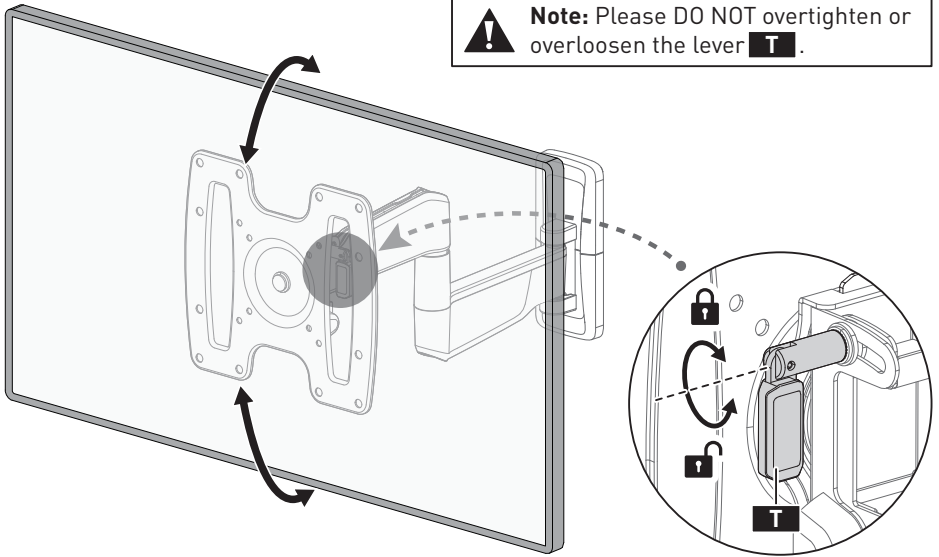## Supplied Parts and Hardware for Step 6

M6 x 6mm
Bolt

H x 1

STEP 6 Hang TV on the Arm Assembly

HEAVY! You may need assistance with this step.

6-1

01

02

6-2

H

Tilt Adjustment

Tilt

Note: Please DO NOT overtighten or overloosen the lever **T**.
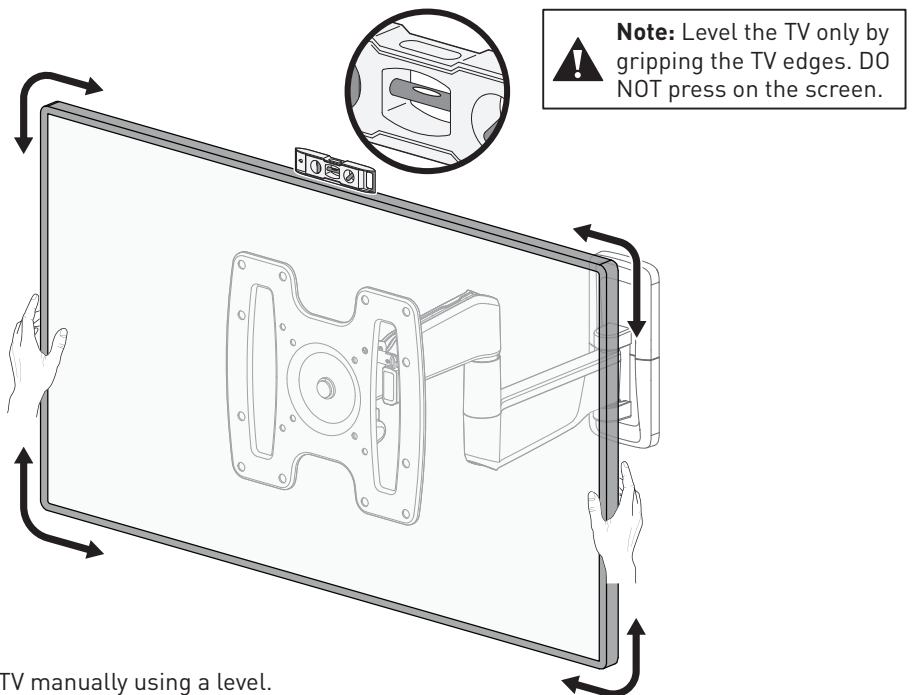
Slightly loosen the lever **T**. Tilt the TV to the desired angle. Retighten the lever **T** to hold the TV in position.

Level Adjustment

Level

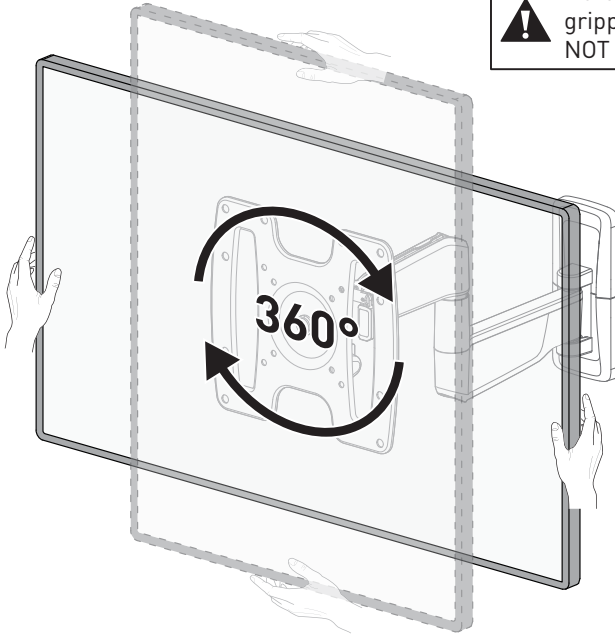**Note:** Level the TV only by gripping the TV edges. DO NOT press on the screen.

Level the TV manually using a level.

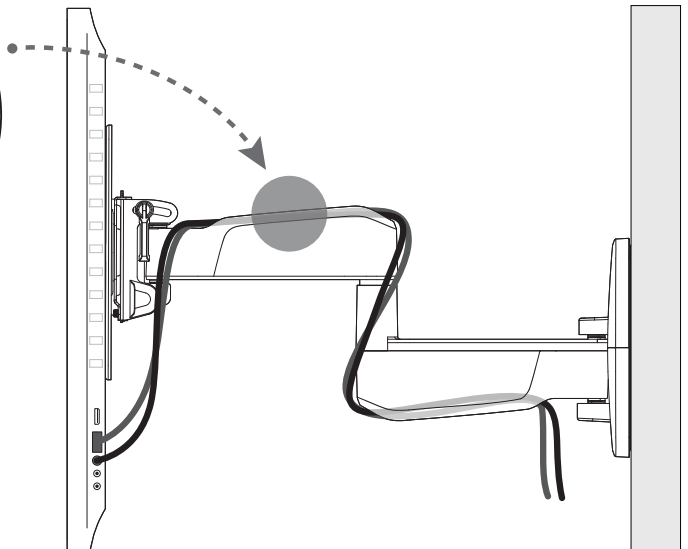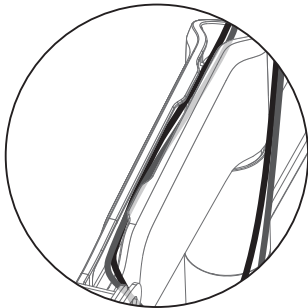## STEP 9   Rotation

Rotation

Note: Rotate the TV only by gripping the TV edges. DO NOT press on the screen.

360°

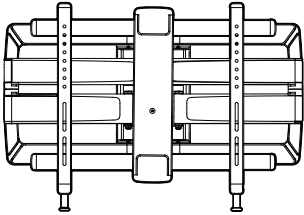If needed, the TV can be rotated 360 degrees.
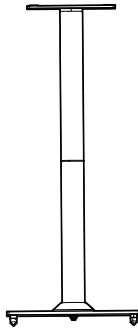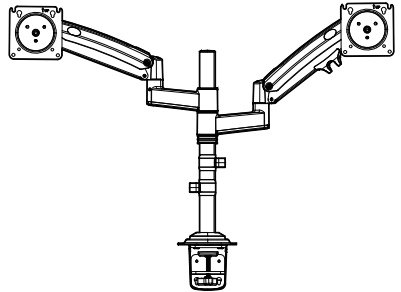
STEP 10   Cable Management

ERGOAV™

At ErgoAV, our goal is to provide the high-quality audio video solutions and product support that you need. If you have any questions, concerns, or feedback, please let us know!

TV Mounts   **Speaker Stands**   **Computer Monitor Mounts**

ErgoAV

9501 Louisiana Ave N, #200, Brooklyn Park, MN 55445

(877) 419-7832 Mon-Fri 8am - 8pm (CST)

support@ergoav.com

www.ergoav.com