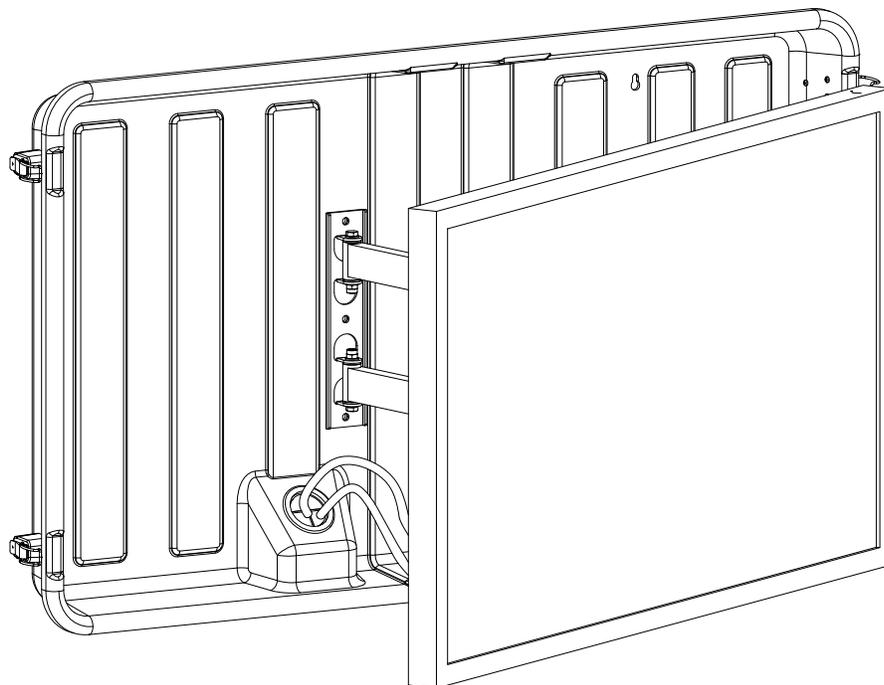
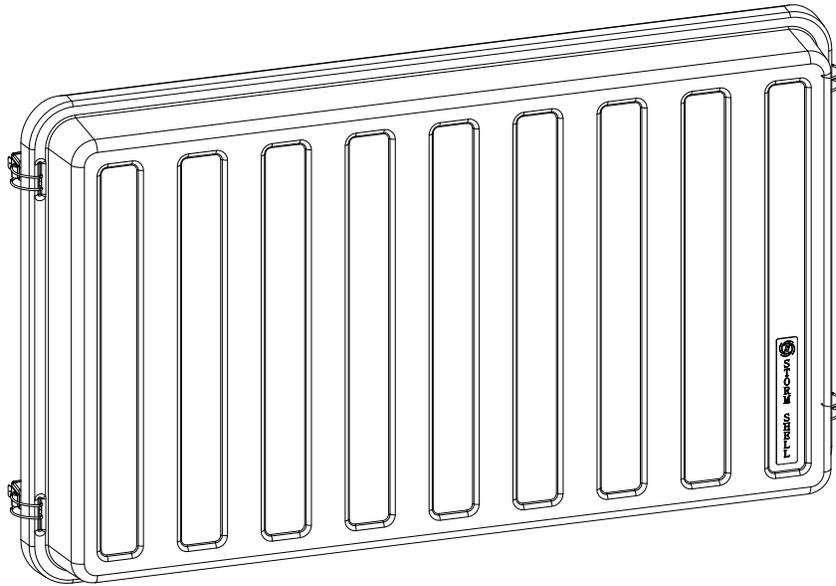


STORM SHELL

Assembly and Installation Instructions for 44" Storm Shell TV Hard Cover and Wall Mount



Caution

- Prior to installation of this product, the installation instructions should be read and completely understood. The installation instructions must be read to prevent personal injury and property damage. Keep these installation instructions in an easily accessible location for future reference.
- This mount and hard cover contains small parts which can act as a choking hazard if swallowed.
- CAUTION: The maximum TV load capacity is 33 lbs. (15 kg). Use with products exceeding the maximum load capacity may cause serious injury.
- The wall structure must be capable of supporting at least five times the maximum load capacity as indicated. If not, the wall must be reinforced.
- Recommended mounting surfaces: wood stud and solid-flat concrete/brick. If the mount is to be installed on any surface other than wood studs, solid concrete or brick, use suitable hardware (not included but commercially available).
- Do not install on a structure that is prone to vibration, movement or chance of impact. Failure to do so could result in damage to the display and/or damage to the mounting surface.
- Do not install near heater, fireplace, air conditioning or any other heat producing source. Failure to do so may result in damage to the display and/or the hard cover and could increase the risk of fire.
- Make sure no water or natural gas lines are present where the mount is to be installed. Cutting or drilling into water or natural gas lines could cause personal injury or property damage.
- Proper installation procedure by yourself or a qualified service technician, as outlined in the installation instructions, must be adhered to. Failure to do so could result in serious personal injury.
- When mounting to a wall that contains wood studs, confirm the dead center of the wood stud prior to installation, it is recommended that the wood studs be a minimum of 16" apart (if applicable).
- It is recommended that two people perform the installation. Injury and/or damage can result from dropping or mishandling the display.
- If you don't understand these installation instructions, please consult an installation specialist.

Tools Required

- Electronic stud finder for drywall installation
- Phillips head screw driver or electric drill
- Bubble Level
- 13 mm socket and wrench
- Electric drill, 1/8" and 1/4" drill bit for wood stud installation.

Centering the Storm Shell Hard Cover – Adapter Mounting Plate

The 44" Storm Shell hard cover and TV wall mount are designed to be installed on solid concrete or brick or on wood studs. For wood stud installation, the 44" Storm Shell is designed for installation on three studs spaced 16" apart as shown in Figure 1. If a different placement of the 44" Storm Shell is required to center the TV in a particular space, or if the wall studs are built at 20" spacing, then an Adapter Mounting Plate will be required. Please consult Item "44 Storm Shell Adapter Mounting Plate", as shown on StormshellTV.com/Products.

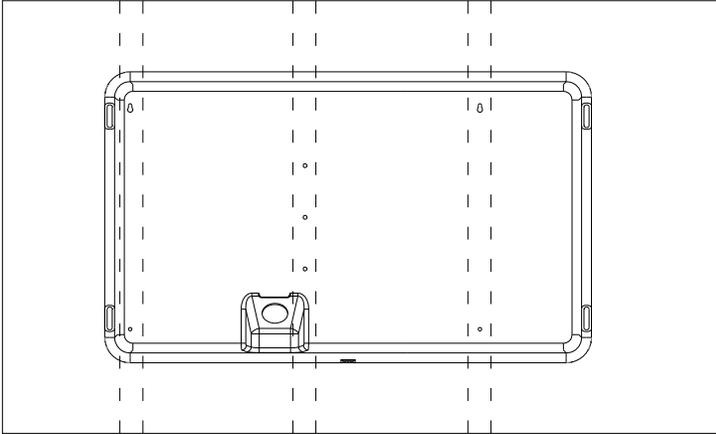


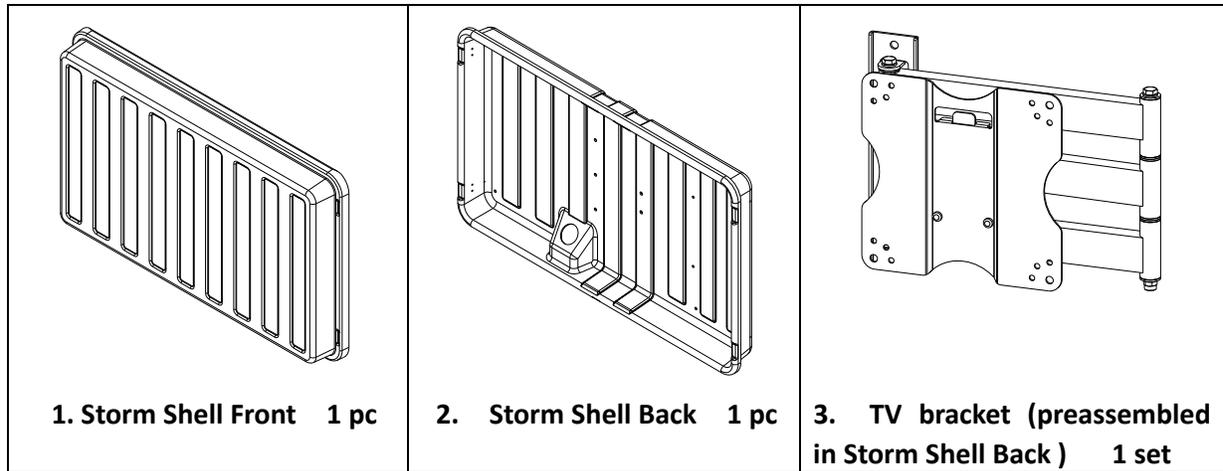
Figure 1

Concrete or Brick Installation

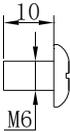
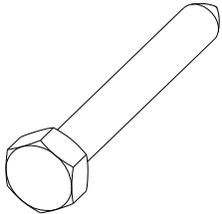
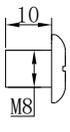
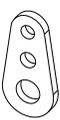
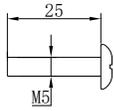
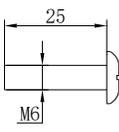
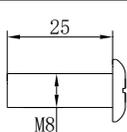
When installing the Storm Shell Hard Cover and TV Bracket on a concrete or brick wall, the provided S7 and S8 screws alone will not be sufficient. Do not attempt to use the supplied S7 and S8 screws alone on masonry or concrete.

Several options are commercially available for concrete or brick anchors. Options include concrete sleeve anchors or concrete screws. Consult your local hardware store or online resources to determine the best solution for your specific wall material. Obtain proper anchors and screws to replace the S7 and S8 screws.

Storm Shell and TV Mounting Bracket Parts



Screws :

No.	Name	QTY	Picture	No.	Name	QTY	Picture
S1	M6X10 Screw	4		S8	ST8.0X60 Self Tapping Screw	3	
S2	M8X10 Screw	4		W1	3-hole Washer	4	
S3	M5X25 Screw	4		W2	Thick Washer	4	
S4	M6X25 Screw	4		W3	D8 Washer	3	
S5	M8X25 Screw	4		W4	D6 Washer	2	
S6	ST3.5X20 Self Tapping Screw	12		B1	Buckle Latch	4	
S7	ST6X30 Self Tapping Screw	4		B2	Extension Bar	4	

Prepare the Storm Shell Back

- Remove the TV bracket from the Storm Shell Back by unscrewing the two shipping screws (Figure 2).
- Assemble the four buckle latches (B1) onto the Storm Shell Back using the S6 screws (Figure 3).

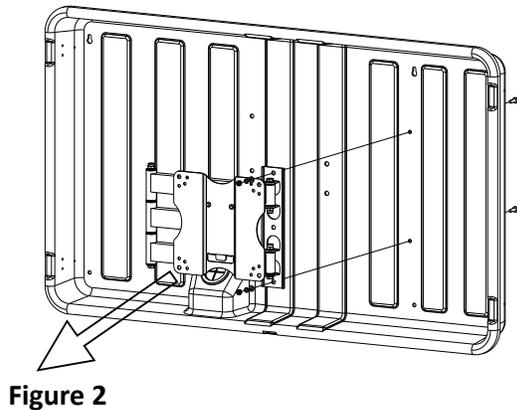


Figure 2

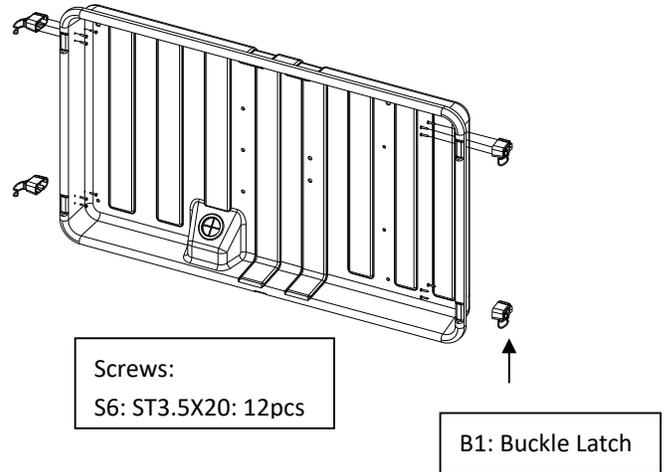


Figure 3

Install the Storm Shell Back onto the wall

Two people are needed for this installation.

A) Wood Stud Installation

1. Use a high quality electronic stud finder (commercially available) to locate dead center of three adjacent wood studs spaced 16" apart. Mark the location of each stud (Figure 4). Note: If a different placement of the 44" Storm Shell is required to center the TV in a particular space, or if the wall studs are built at 20" spacing, then an Adapter Mounting Plate will be required. Please consult Item "44 Storm Shell Adapter Mounting Plate", as shown on StormshellTV.com/Products.

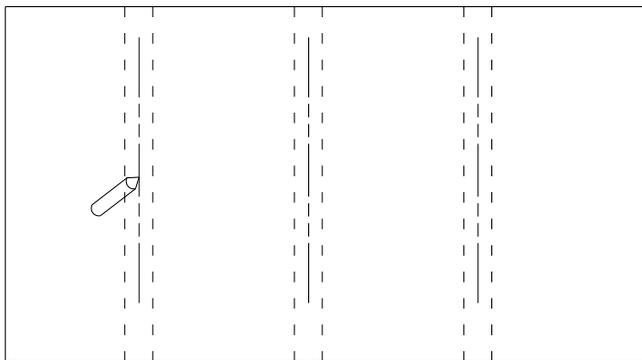


Figure 4

2. Determine the height location for the top of the TV mounting display. Mark this height on the center of the mounting stud positioned furthest to the right. Drill a hole into the stud at this location using a 1/8" drill bit 1.5 inches deep. Screw one of the S7 screws into this location, leaving the head about 1/8" away from the wall. Note: if the TV display is smaller than the 44"

Storm Shell (for example, a 32" display), you may need to adjust the location of this mounting screw. This mounting screw will be placed in the top right keyhole of the Storm Shell Back – see Figure 5 below.

3. Lift the Storm Shell Back to the wall and position the S7 screw head (Step 2) into the top right keyhole (Figure 5). Place a bubble level on top of the Storm Shell Back and rotate until the Storm Shell Back is Level. Place a mark on the wall through the top left keyhole. Make sure to mark the top left key hole at the center of the top (where the screw will rest). Remove the Storm Shell Back from the wall and check to ensure that the mark for the top left keyhole is centered on a stud. Repeat the procedure in Step 2 to drill and screw an S7 screw for the top left keyhole. Mount the Storm Shell Back on the wall using the mounted screws and the top left and right keyholes. Check that the Storm Shell Back is level using the bubble level.

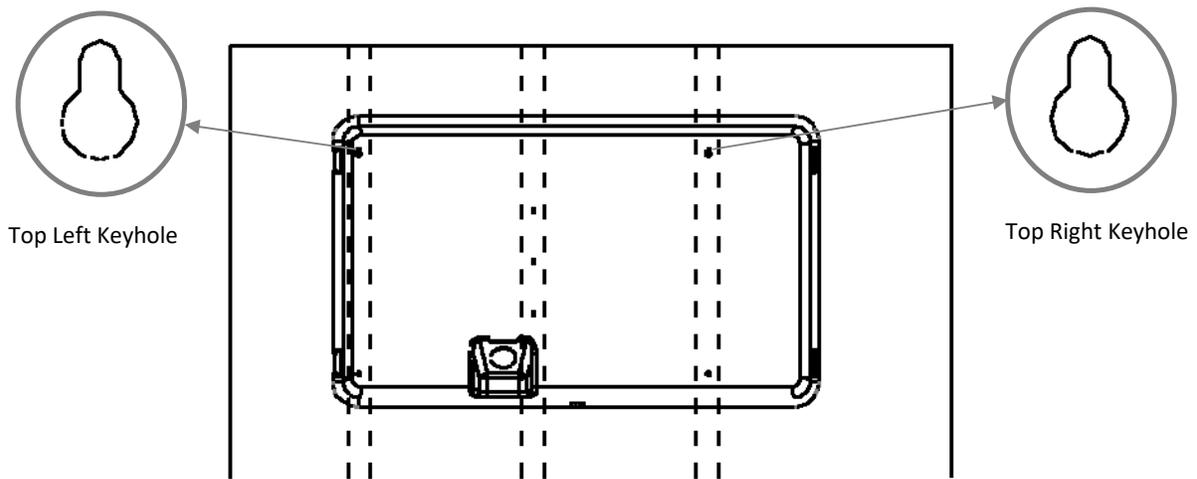


Figure 5

4. Place a mark through the Storm Shell Back onto the wall in the remaining five (5) mounting locations (Figure 6). Remove the Storm Shell Back from the wall and ensure that the five (5) remaining mounting location marks are located over a stud. For position B, use the same drill procedure as Step 2 (1/8" drill bit 1.5 inches deep). For position A, drill a hole using a 1/4" drill bit, 3 inches deep.

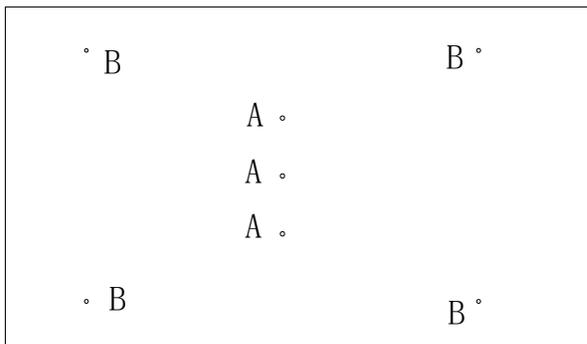
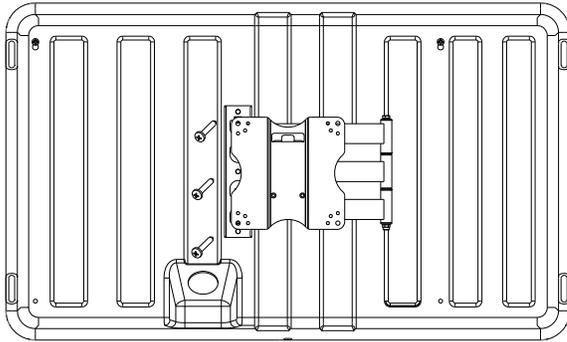


Figure 6 – Storm Shell Back Mounting Locations

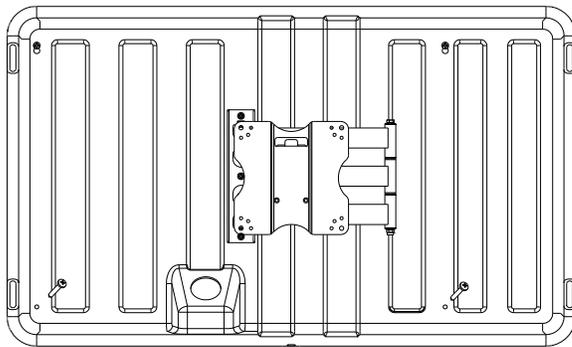
5. Hang the Storm Shell Back on the wall. Use a 13 mm socket and wrench to attach the TV Bracket using the S8 screws and the W3 washers (note the washers are placed between the S8 screw head and the TV Bracket mounting hole). See Figure 7.



Screws:
S8- ST8.0X60: 3 pcs
W3- D8 Washer: 3 pcs

Figure 7

6. Secure the Storm Shell Back to the wall by installing two (2) S7 screws and two (2) W4 washers in the lower mounting holes (Figure 8). Tighten the S7 screws in the upper left and right keyholes.



Screw:
S7- ST3.5X20: 2pcs
W4-D6 washer: 2pcs

Figure 8

7. Install the Storm Shell Front and check that cover and latches fit correctly. Figure 9.

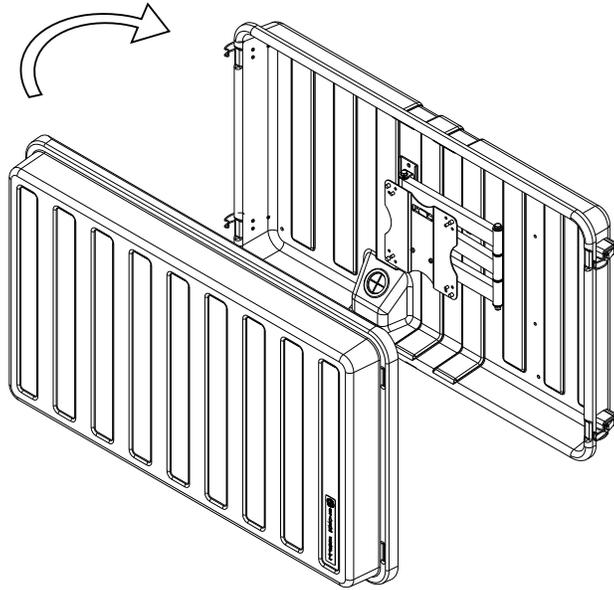


Figure 9

B) Concrete or Brick Installation

When installing the Storm Shell Hard Cover and TV Bracket on a concrete or brick wall, the S7 and S8 screws alone will not be sufficient. Do not attempt to use the supplied S7 and S8 screws alone on masonry or concrete.

Several options are commercially available for concrete or brick anchors. Options include concrete sleeve anchors or concrete screws. Consult your local hardware store or online resources to determine the best solution for your specific wall material. Obtain proper anchors and screws to replace the S7 and S8 screws.

The installation procedure for concrete or brick is the same as for wood stud installation with the following exceptions:

- Locating three wood studs is not required. Determine the desired location for the Storm Shell Hard Cover and proceed at Step 2, using the selected concrete anchors.

Install the TV Display

Caution: This TV bracket can be used for a TV up to 44". The maximum weight of the TV display should be less than 33 lbs. (15 kg.).

The installation kit includes screws of various diameters to ensure optimal installation.

Figure 10 shows the parts of the TV Bracket.

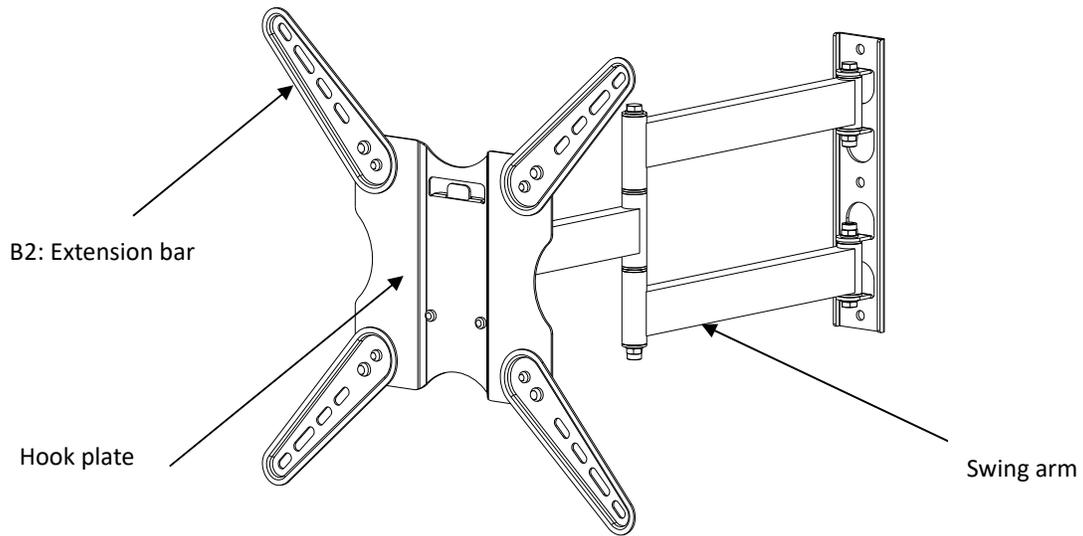


Figure 10

1. Place the TV display screen down on a soft, flat surface. Locate the four (4) threaded mounting points that are located on the back of the display (called the VESA mounting holes).
2. Determine which screw (S3/S4/S5) is the proper size for the VESA mounting holes.
3. If the TV display has a curved back, or recessed VESA holes, the W2 Thick Washer can be used as needed.
4. Determine the VESA mounting hole pattern dimensions. Typical dimensions are 200 mm x 200 mm (7 7/8" x 7 7/8"), 400 mm x 400 mm (15 3/4" x 15 3/4"), 200 mm x 400 mm (7 7/8" x 15 3/4").
5. The Extension Bars (B2) on the TV Bracket can be configured to match the corresponding VESA hole pattern. When the Extension Bars (B2) are removed from the Hook Plate, the Hook Plate will accommodate a 200 mm x 200 mm VESA hole pattern. Other configurations are shown in Figure 11.

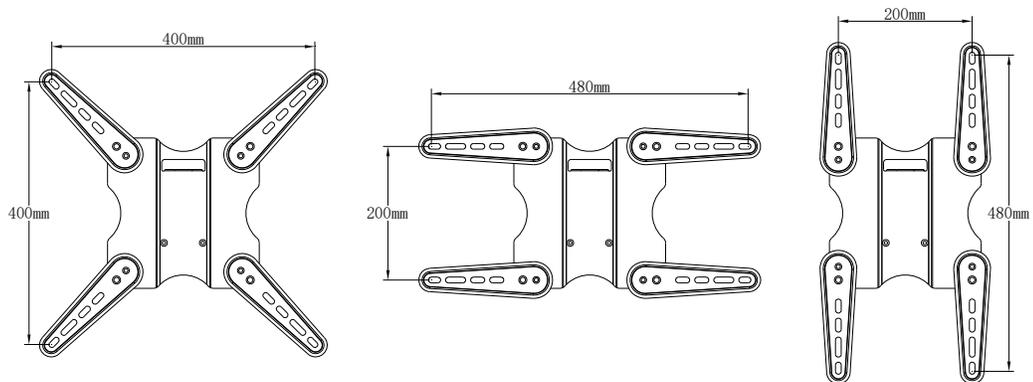


Figure 11

6. Remove the Hook Plate from the Swing Arm by removing the two securing screws at the connection of the Hook Plate to the Swing Arm (Figure 12):

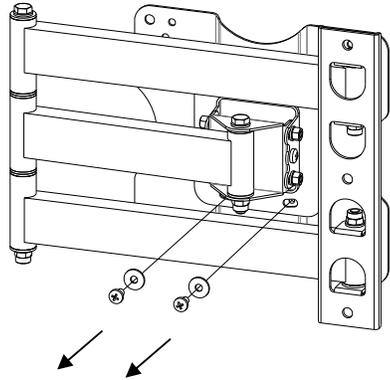
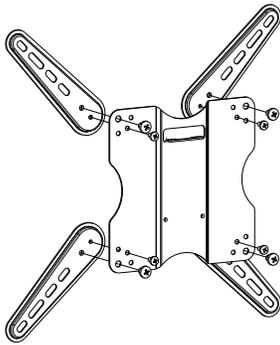


Figure 12

7. Configure the Extension Bars (B2) as desired. If the TV display has a 200 mm x 200 mm VESA pattern, skip this step. Use the S1 and S2 screws to secure the Extension Bars (B2) as shown in Figure 13.



<p>Screws: S1- M6X10 Screw: 4pcs S2- M8X10 Screw: 4pcs</p>
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Figure 13

8. Fix the Hook Plate and Extension Bars to the back of the TV Display by connecting the proper screw (S3/S4/S5) into the VESA holes. Select the proper washer (W1/W2/W3) to be used with the screws. Figure 14.

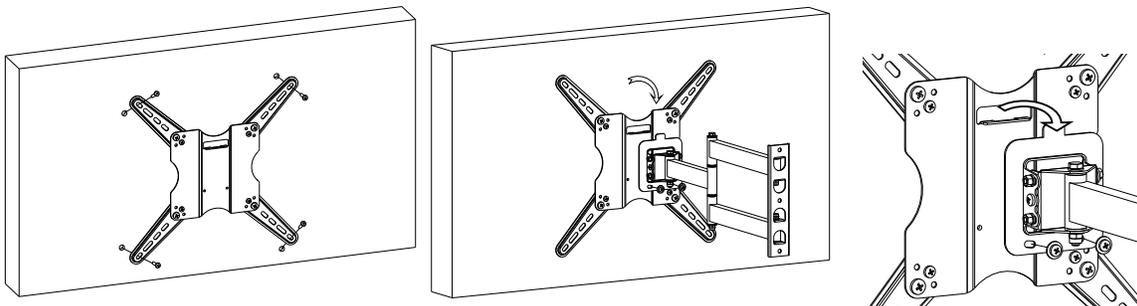


Figure 14

9. Lift the TV Display (with the Hook Plate firmly attached to the back) and slide the Hook Plate in place on the Swing Arm (Figure 14). Replace the securing screws that were removed in Step 6.

Set TV Cables

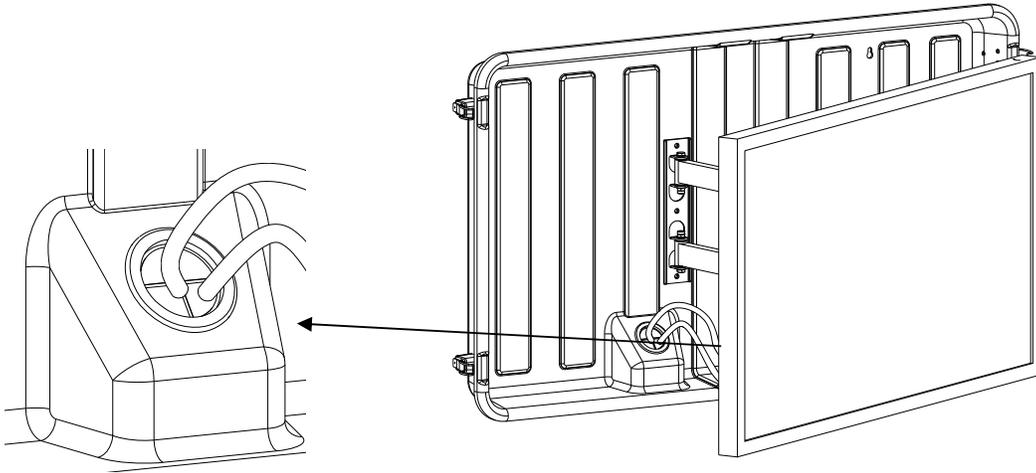


Figure 15