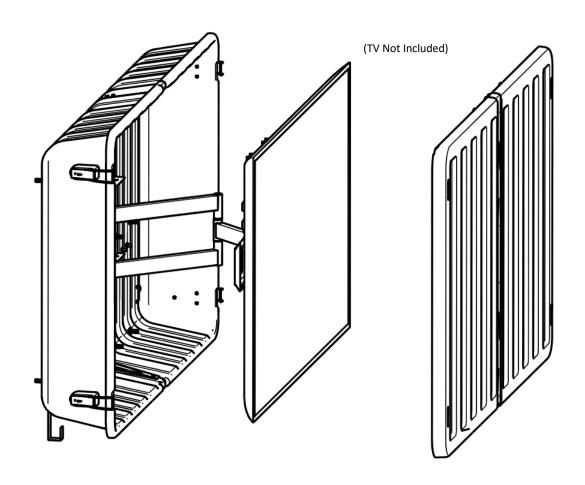


ASSEMBLY & INSTALLATION INSTRUCTIONS

SS-55 - 55 Inch Storm Shell TV Hard Cover & Wall Mount



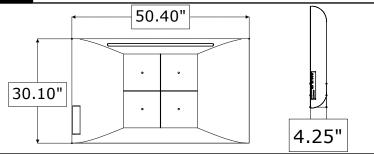
If you have any questions, please contact us at cs@stormshelltv.com, or call at (435) 752-6611 Mon – Fri 9am – 5pm (MT)

Before getting started, let's make sure this Storm Shell will work for you!

TV SIZE & VESA PATTERN

Maximum TV dimensions (including frame bezel):

50.40 in x 30.10 in x 4.25 in



VESA Pattern:

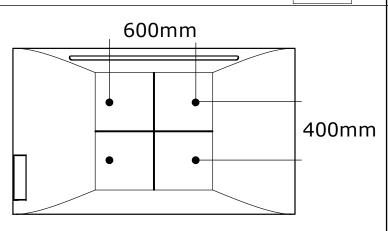
Width: 600 mm (23.62 in)

max

Height: 400 mm (15.75 in)

max

Will fit 100 mm, 200 mm, 300 mm, 400 mm and 600 mm VESA patterns.



Weight Capacity

Maximum TV Weight (including accessories):



CAUTION!

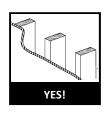
100 LBS MAX

Before getting started, let's make sure this Storm Shell will work for you!

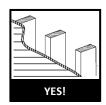
Wall Material

Hardware is included for:

- Drywall over Wood Studs
- Solid Concrete, structural brick, or masonry (minimum 8 inch thick)
- Outdoor Siding (aluminum, vinyl, stucco, brick veneer, etc.) installed over Wood Studs.



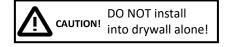




Drywall over wood studs?

Solid concrete?

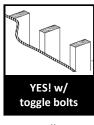
Outdoor siding over wood studs?



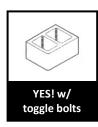
Not all hardware is included for:

- Drywall over Metal Studs
- C 90 Hollow Concrete Block
- Structural brick or masonry (less than 8 inch thick)

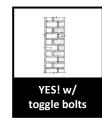
Good News! The Storm Shell can be installed on these materials using toggle bolts (not included) to secure the TV Bracket to the wall. See installation instructions for size details.



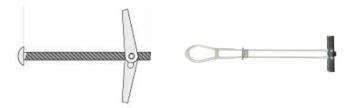
Drywall over metal studs?



C90 Hollow Concrete block?

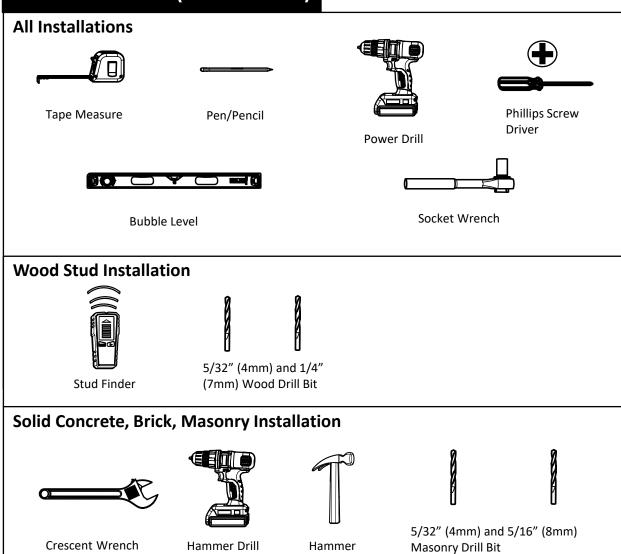


Structural Brick or Masonry?



Toggle Bolts are available at your local hardware store or online source.

Installation Tools (Not Included)

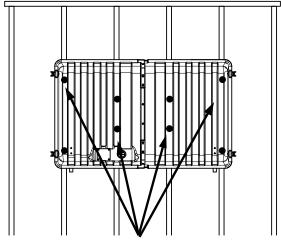


Safety Caution

- Prior to installation of this product, the installation instructions should be read and completely understood 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 100 lbs. (45 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.
- Do not mount on drywall or plywood alone.
- 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.
- It is recommended that two people perform the installation. Injury and/or damage can result from dropping or mishandling the display or hard cover.
- If you don't understand these installation instructions, please consult an installation specialist.

Do you need an Adapter Mounting Plate? (Not Included)

- Concrete wall or hollow wall (not drywall) installation? No
- Wood Stud installation with stud spacing different than 16 inch? Yes
- Wood Stud installation with stud spacing = 16 inch? Maybe...
 - The mounting holes must be placed over studs. If the Storm Shell placement is OK, then No Adapter Mounting Plate is required.
 - If you desire a different placement of the Storm Shell (left or right of the studs), an Adapter Mounting Plate is required.



Mounting Holes Align with Studs

Mounting Holes Do
Not Align with Studs

<u>Yes</u> - Adapter Mounting Plate is required.

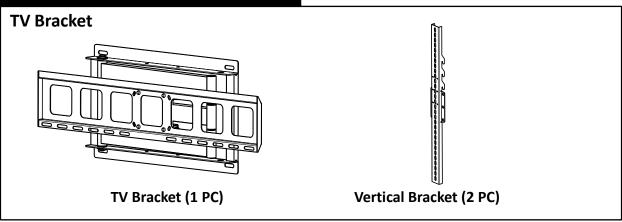
No Adapter Mounting Plate required.

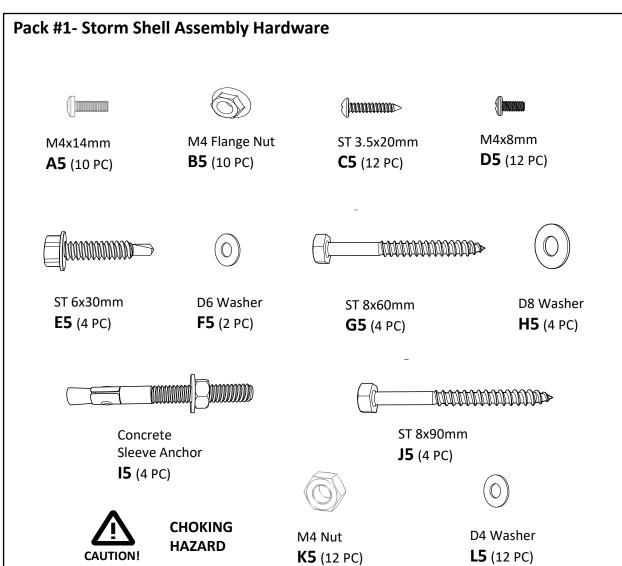
To order the Adapter Mounting Plate, please visit www.StormshellTV.com/Accessories

Supplied Parts & Hardware

Storm Shell Cover Hook (2 PC) Storm Shell Front -Storm Shell Front left part (1 PC) right part (1 PC) **Buckle Latch (4 PC)** Angle Brackets (2 PC) Storm Shell Back -Storm Shell Back right part (1 PC) left part (1 PC) **Top Connecting Bar (1 Bottom Connecting Bar Middle Connecting** PC) (1 PC) Plate (1 PC)

Supplied Parts & Hardware





Supplied Parts & Hardware - continued

Pack #2- Mounting Bracket Hardware







V2 (4 PC)

V3 (8 PC)

M6x30mm **V4** (4 PC)









M8x25mm **V5** (4 PC)

M8x45mm **V6** (4 PC)

D4 Washer **V7** (4 PC)

D6 Washer **V8** (4 PC)







5mm Spacer **V9** (4 PC)

10mm Spacer **V10** (4 PC)

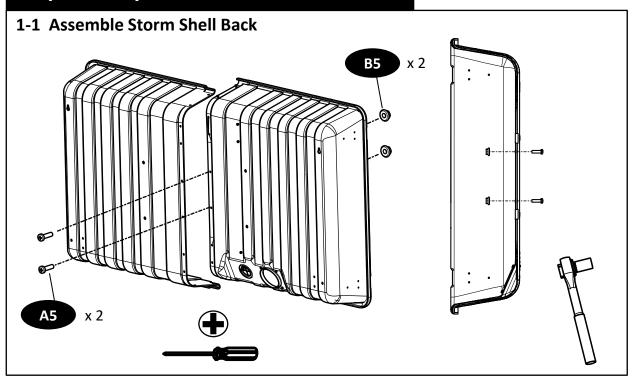
CHOKING HAZARD

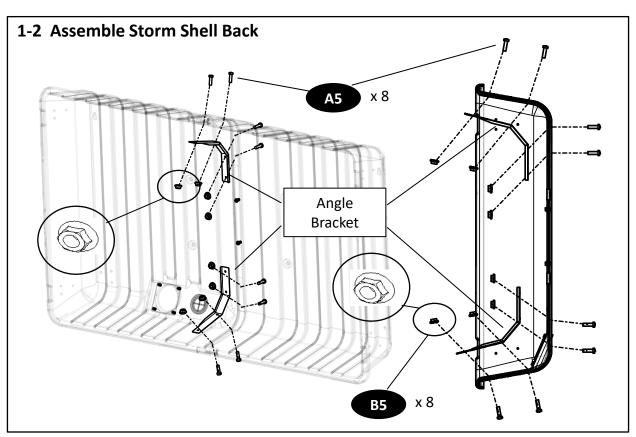
Assembly & Installation Video

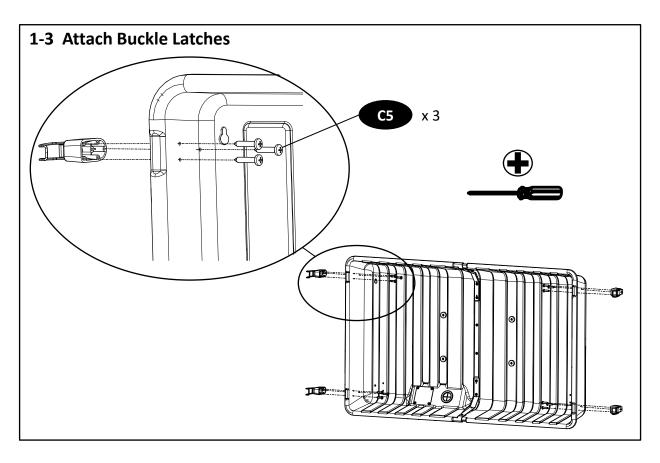


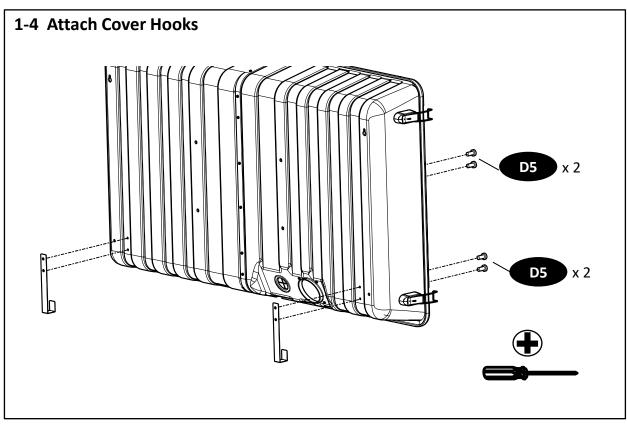
Scan the QR Code for video link

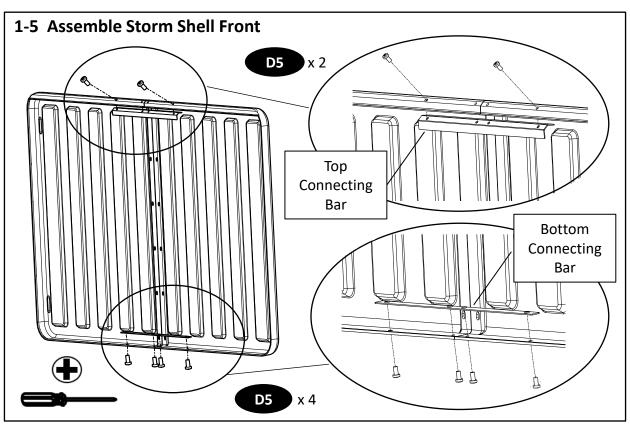
Step 1 – Prepare the Storm Shell Back

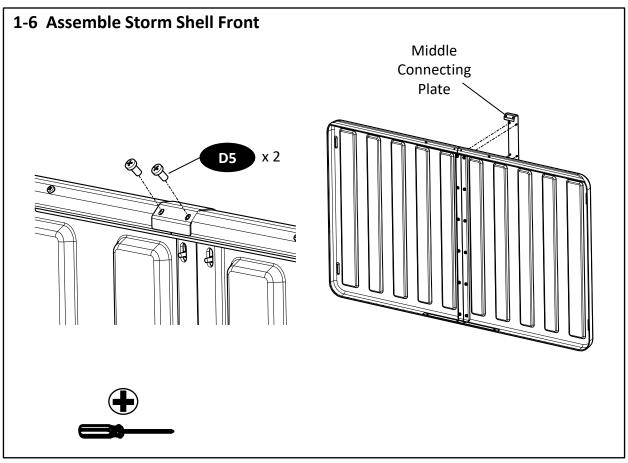


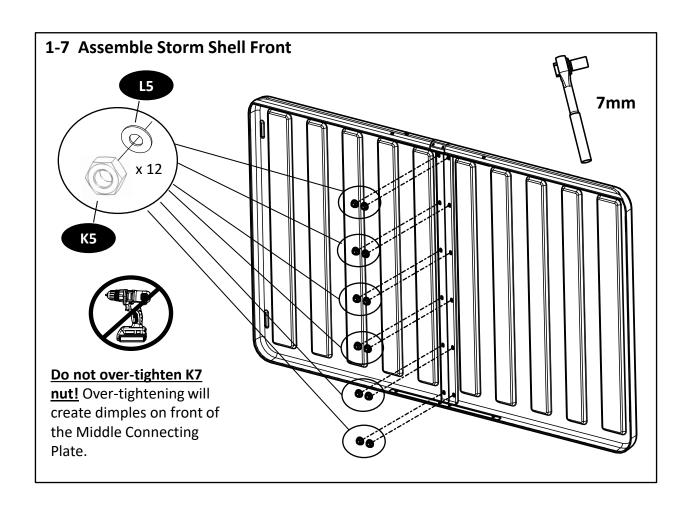












Step 2 – Attach Storm Shell Back to Wall



Two people required for installation

Determine the wall material and wall supports. Wall supports are typically wood or metal studs, concrete, structural brick or masonry. Wall material (cladding) is typically drywall, siding (vinyl or aluminum), stucco, brick veneer.

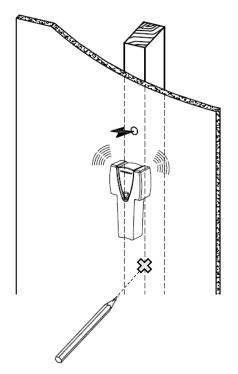


The Storm Shell TV Wall Mount must be secured into concrete, structural brick or masonry, wood or metal studs. <u>Do not mount directly into drywall or plywood.</u>

- For wood stud installation, follow STEP 2A
- For solid concrete installation, follow STEP 2B
- For hollow wall installation (metal studs, concrete block), follow STEP 2C

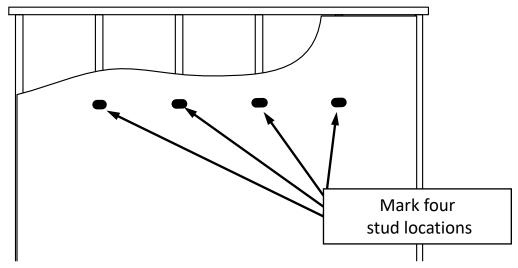
Step 2A – Wood Stud Installation

2A-1 Locate and Mark Wood Studs



If the wall material is outdoor siding (vinyl or aluminum), stucco, or brick veneer; the wood studs may be difficult to locate with a stud finder due to several layers of construction cladding. You may need to locate the wood stud from the inside wall and use measurements to locate the wood stud on the outdoor wall.

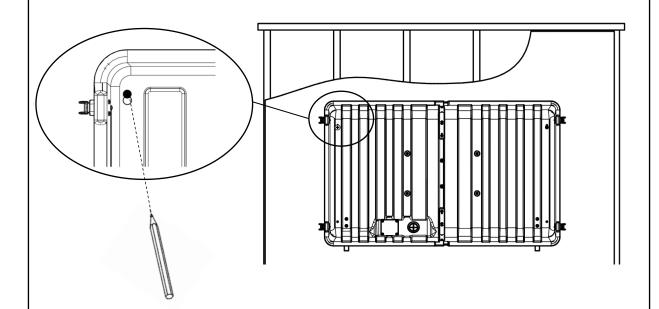
2A-2 Locate and mark four studs (16" center) to mount the Storm Shell Back



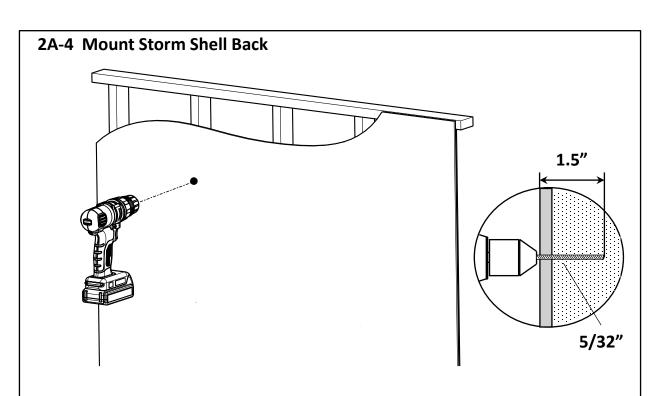


If you desire a different mounting position than shown (left-to-right), an Adapter Mounting Plate is required (not included). See www.StormShellTV.com/accessories

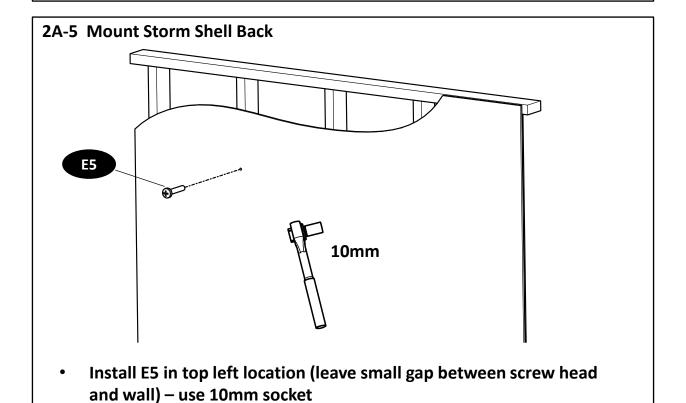




- Place Storm Shell Back at desired installation location
- Mark in top left "key-hole" (ensure the mark is over a stud)

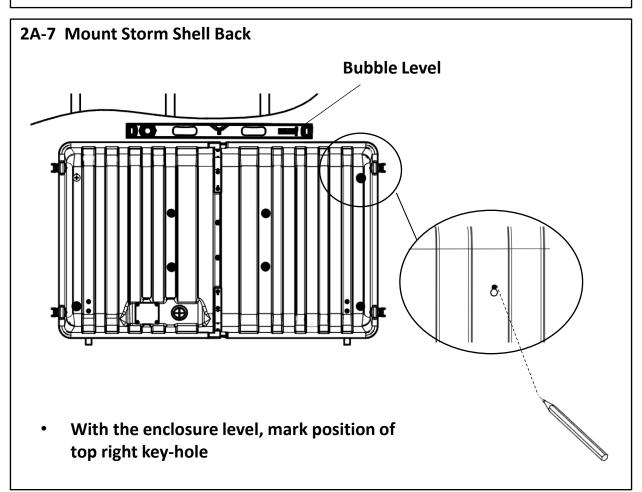


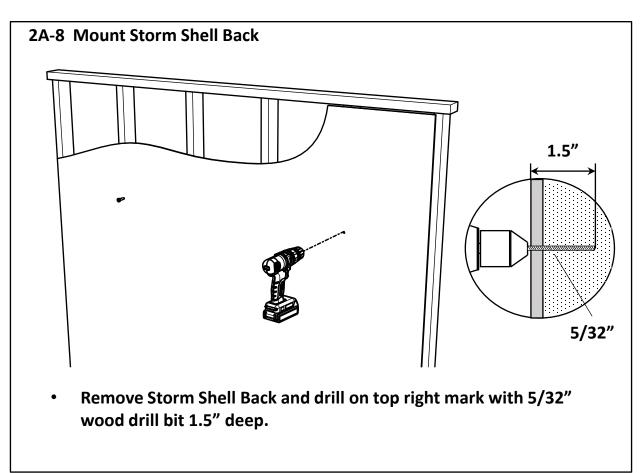
 Remove Storm Shell Back and drill on top left mark with 5/32" wood drill bit 1.5" deep.

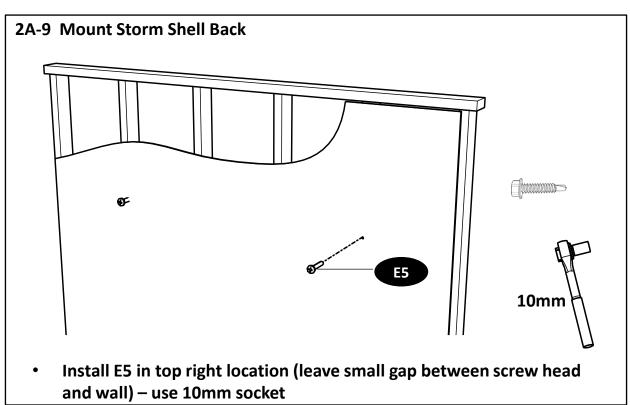


2A-6 Mount Storm Shell Back Bubble Level

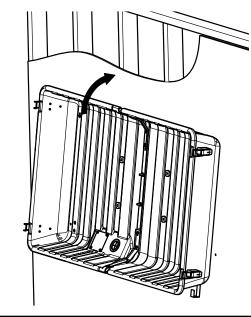
- Hang top left key-hole on the installed E5 screw
- Place bubble level on Storm Shell Back, swing so the enclosure is level



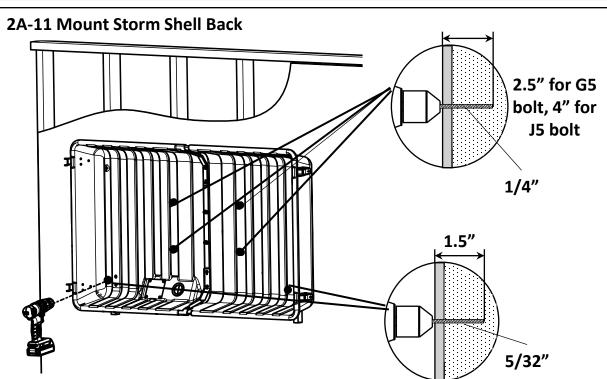




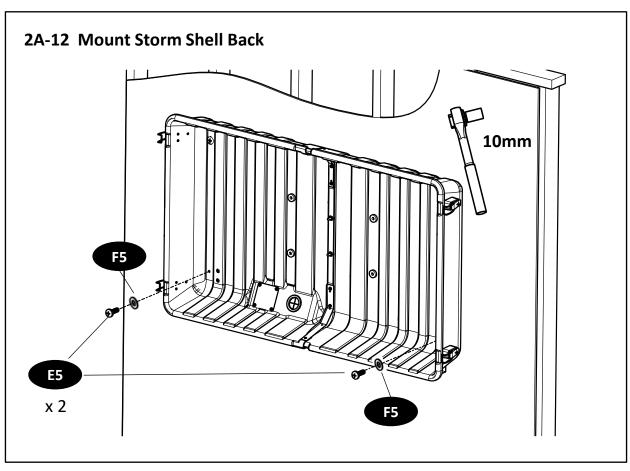
2A-10 Mount Storm Shell Back

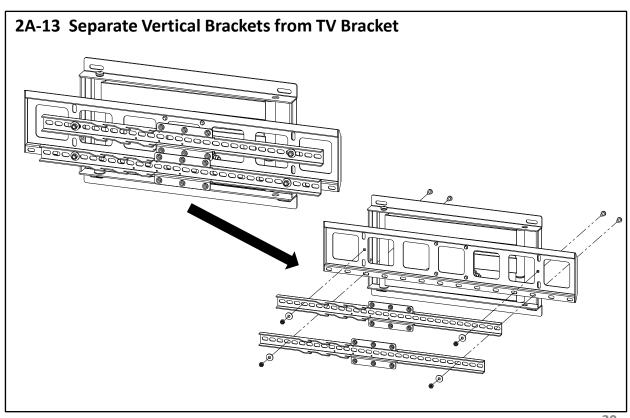


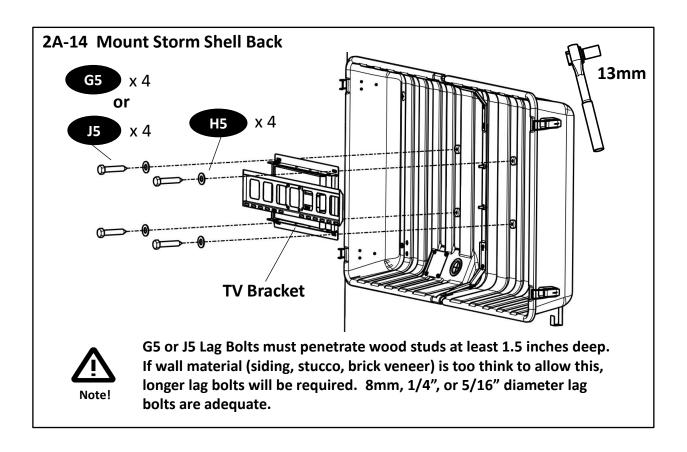
 Hang Storm Shell Back on the two E5 screws previously mounted into the wall.

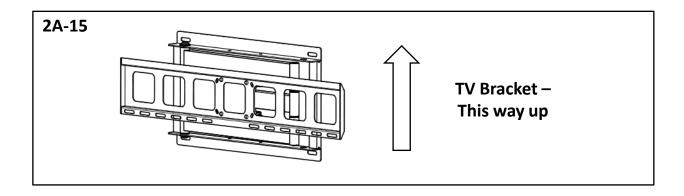


- Drill through two lower holes with 5/32" wood drill bit, 1.5" deep.
- Drill through four TV Bracket holes with 1/4" wood drill bit. If installation is over drywall, drill 2.5" deep. If installation is over outdoor siding, drill 4" deep.
- Ensure all drill holes are on studs.

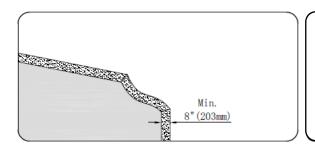








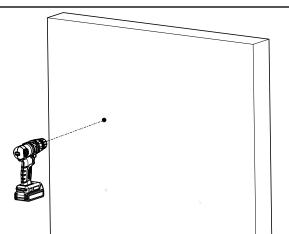
Step 2B – Concrete Wall Installation

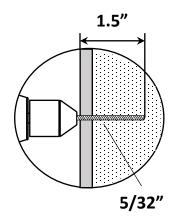




Be Aware of Electrical Conduit, Gas, or Water Pipes!

2B-1



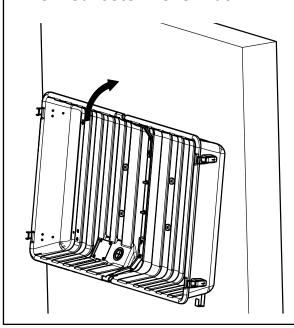


• Repeat Steps 2A-3 and 2A-4 except use a hammer drill in concrete. Use 5/32" concrete drill bit 1.5" deep.

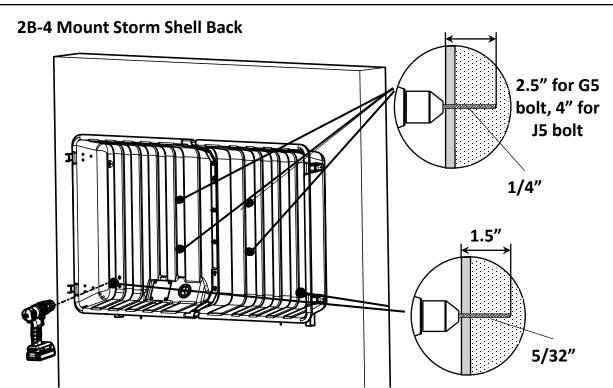
2B-2

- Repeat Step 2A-5, 2A-6, 2A-7
- Repeat Steps 2A-8 except use a hammer drill in concrete.
 Use 5/32" concrete drill bit 1.5" deep.
- Repeat Step 2A-9

2B-3 Mount Storm Shell Back



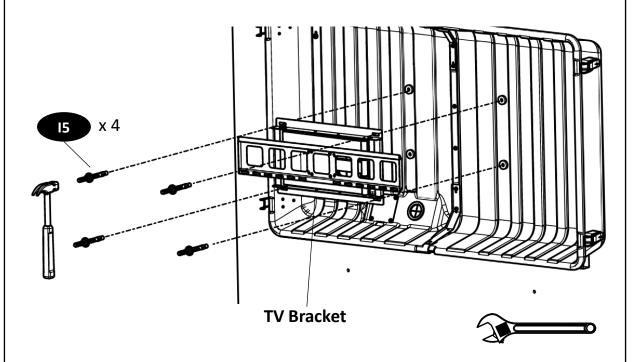
 Hang Storm Shell Back on the two E5 screws previously mounted into the wall.



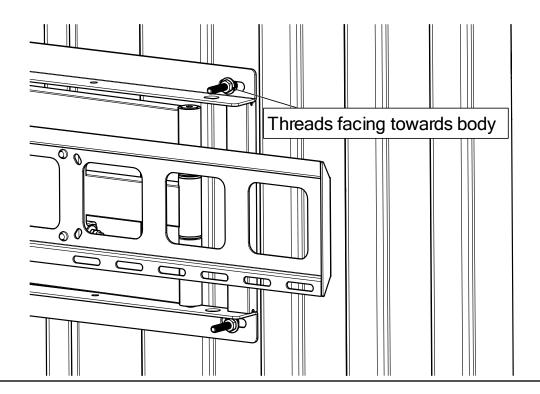
- Drill on three perimeter marks with 5/32" concrete drill bit, 1.5 inches deep.
- Drill on four TV Bracket marks with 5/16" concrete drill bit, 3.0 inches deep.

2B-5

Repeat Step 2A-14.

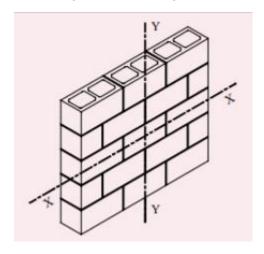


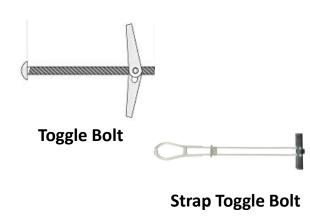
 Install TV Bracket with I5 bolts. Tap-in I5 with hammer, then tighten nuts with crescent wrench



Step 2C – Hollow Wall Installation

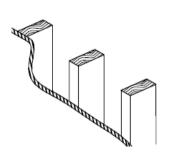
2C-1 C90 (Cinder Block) Wall, or Masonry Wall Less Than 8" Thick

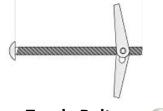




- If the C90 wall is filled with concrete, follow Step 2B
- If the C90 wall is hollow, follow Step 2B except use Toggle Bolts (1/4" or 5/16") in place of I5 to attach the TV Bracket. Use four Toggle Bolts to attach the TV Bracket.
- Toggle Bolts or Strap Toggles are available at hardware stores or online.

2C-2 Metal Stud Installation





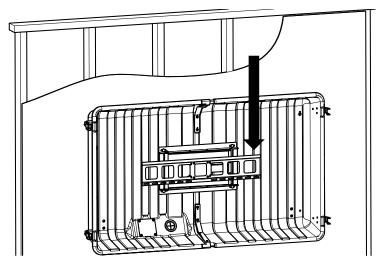


Strap Toggle Bolt

- Follow Step 2A except use Toggle Bolts (1/4" or 5/16") in place of G5 to attach the TV Bracket. Use four Toggle Bolts to attach the TV Bracket.
- Toggle Bolts or Strap Toggles are available at hardware stores or online.

Step 3 – Test Storm Shell

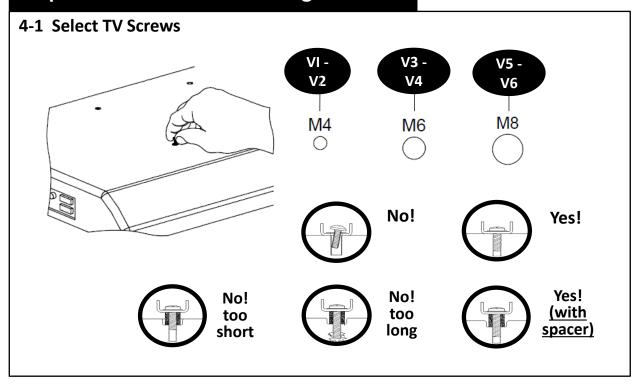
3-1 Before hanging TV, conduct a "wall integrity test"

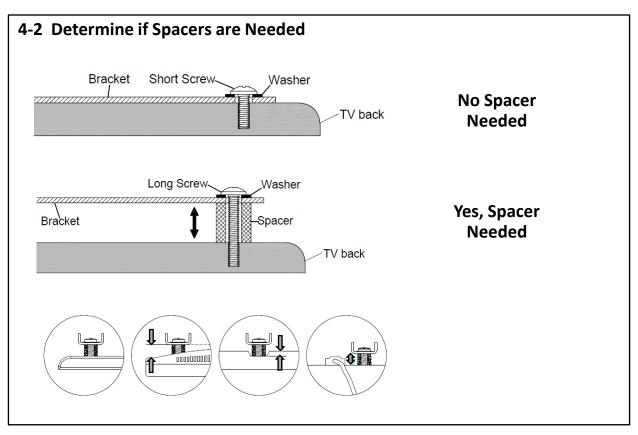


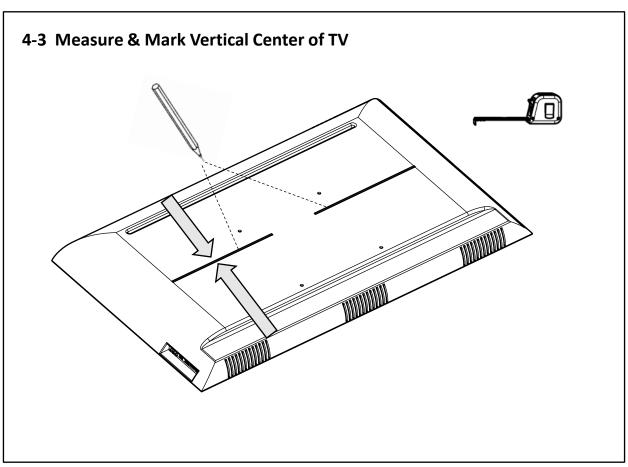
After mounting bracket is assembled, test bracket by putting downward pressure on bracket (equivalent to TV weight) to ensure proper installation

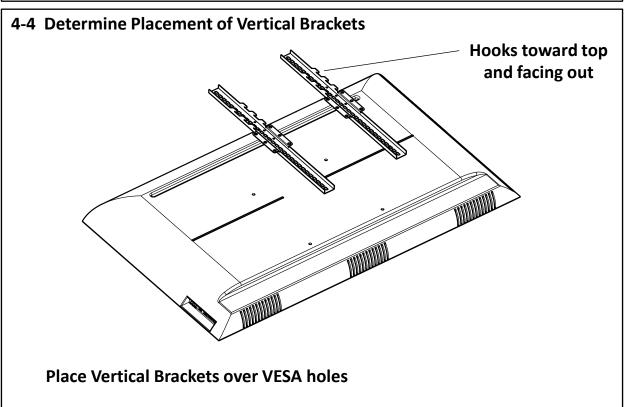
3-2 Install Storm Shell Front – check fit

Step 4 – Attach TV to Mounting Bracket

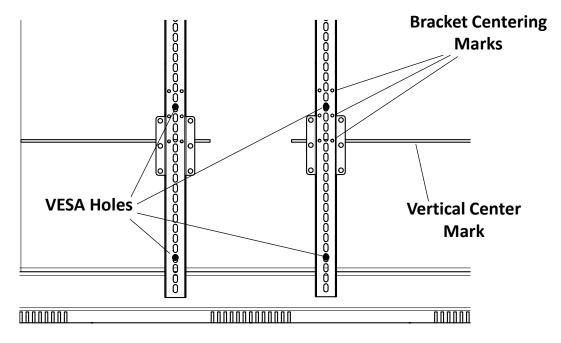






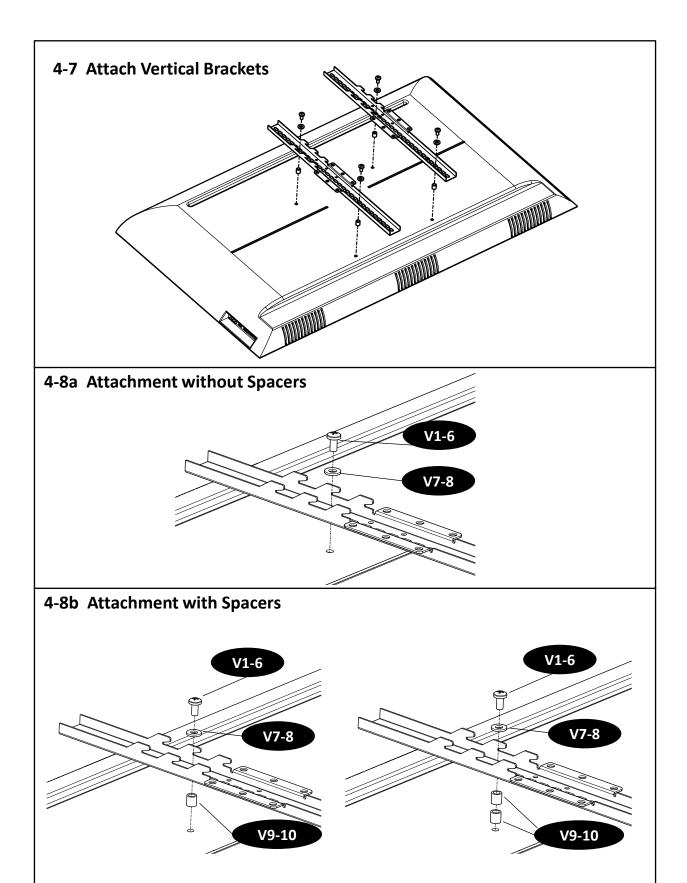


4-5 Determine Placement of Vertical Brackets

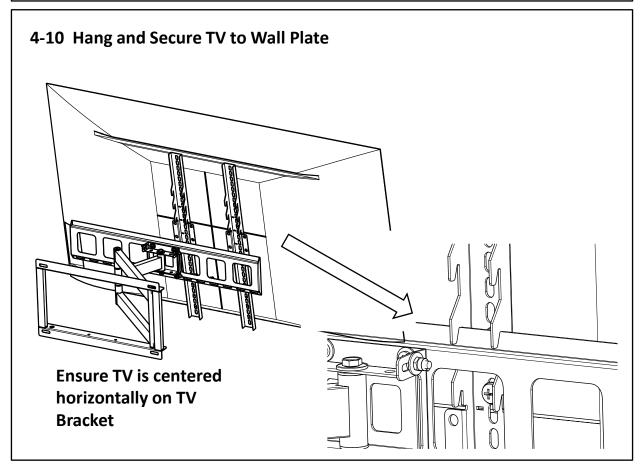


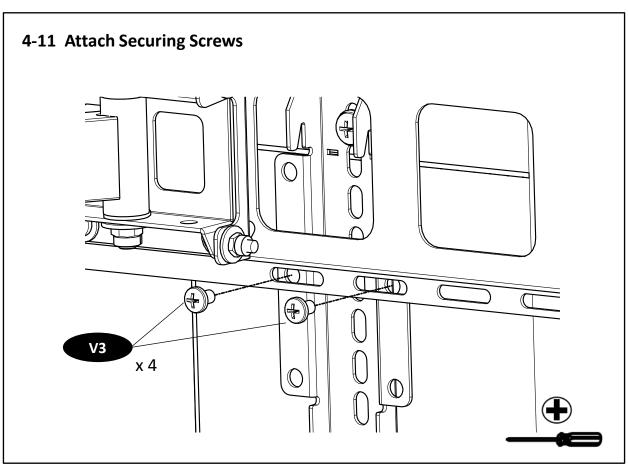
- Place one of the "Bracket Centering Marks" over the Vertical Center Mark
- Find a position where the bracket covers the VESA holes, but does not overhang the TV

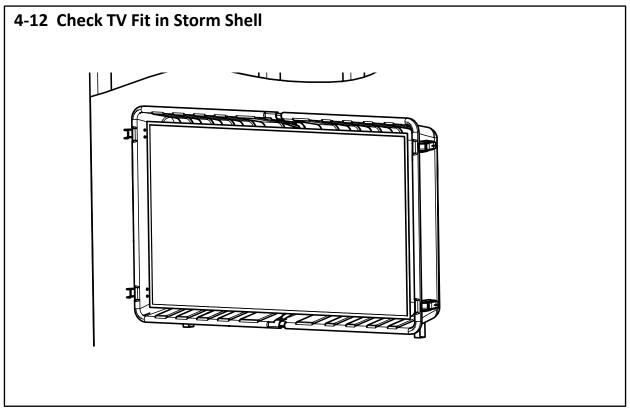
4-6 Determine Placement of Vertical Brackets No!



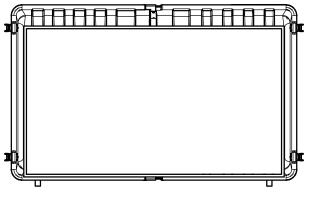
4-9 Determine Which Hook Position to Use ٥٥٥٥٥٥٥ **Determine which Vertical Center** "Bracket Centering Mark Mark" covers the **Vertical Center Mark** °0° Use the top hook for 000000 the top centering mark, middle hook for the middle centering mark, etc. **Bottom Hook Bottom Bracket Centering Mark**



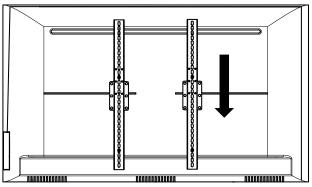




4-13 Adjust Vertical Bracket Position if Necessary

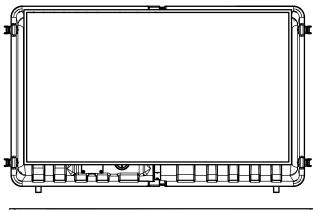


 If TV sits <u>low</u> in Storm Shell enclosure;

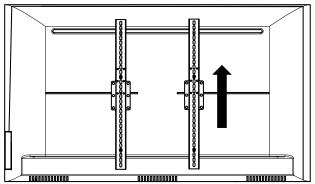


 Adjust vertical TV brackets <u>down</u> and re-hang.

4-14 Adjust Vertical Bracket Position if Necessary



 If TV sits <u>high</u> in Storm Shell enclosure;



Adjust vertical TV brackets <u>up</u> and rehang

