

# Vertical Exhaust Duct for N-Type and S-Type Cabinets



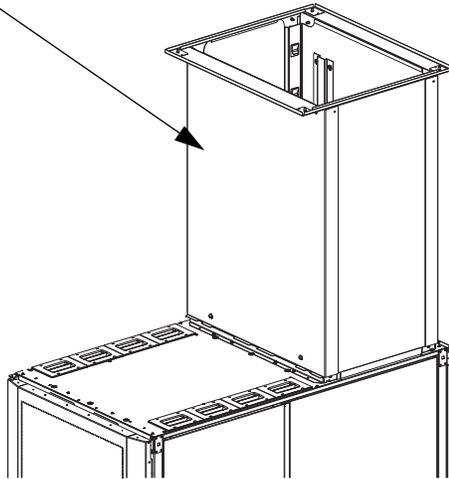
Part Number(s): C2VED06I1626\*\*, C2VED06I2638\*\*, C2VED06I3866\*\*, C2VED07I1626\*\*, C2VED07I2638\*\*, C2VED07I3866\*\*, C2VED08I1626\*\*, C2VED08I2638\*\*, C2VED08I3866\*\*

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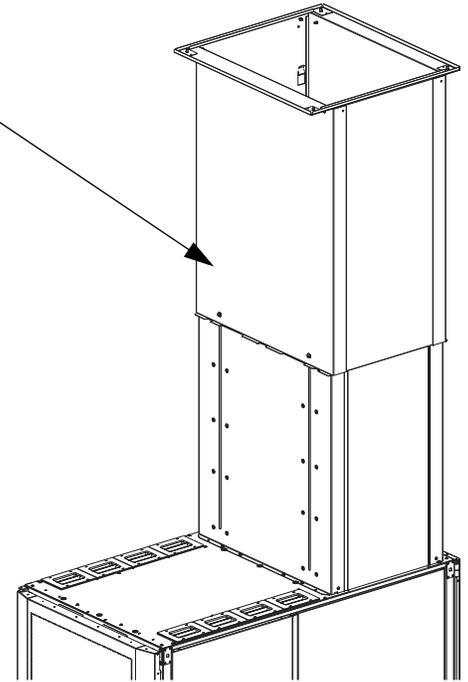
## INSTALLATION INSTRUCTIONS

CM595

Vertical Exhaust Duct for N-Type and S-Type Cabinet



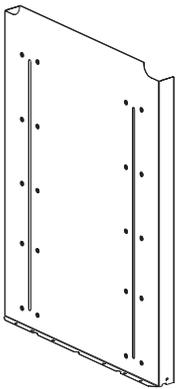
Vertical Exhaust Duct for N-Type and S-Type Cabinet Extended



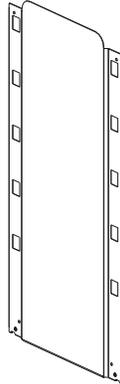
### COMPONENT GUIDE

Note: Top Flange Length is Longer than on Top Rear Panel.

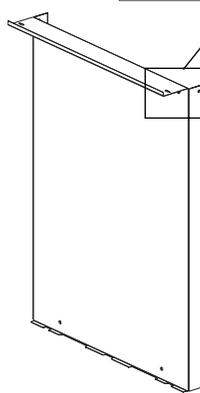
Note: Top Flange Length is Shorter than on Top Front Panel.



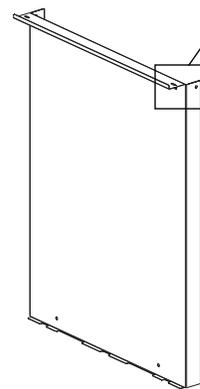
(2) Bottom Front and Rear Panel



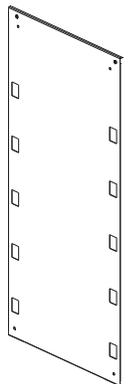
(2) Bottom Side Panels



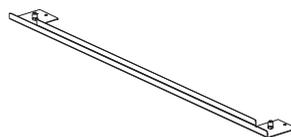
(1) Top Front Panel



(1) Top Rear Panel



(2) Top Side Panels



(2) Horizontal Adjustment Brackets

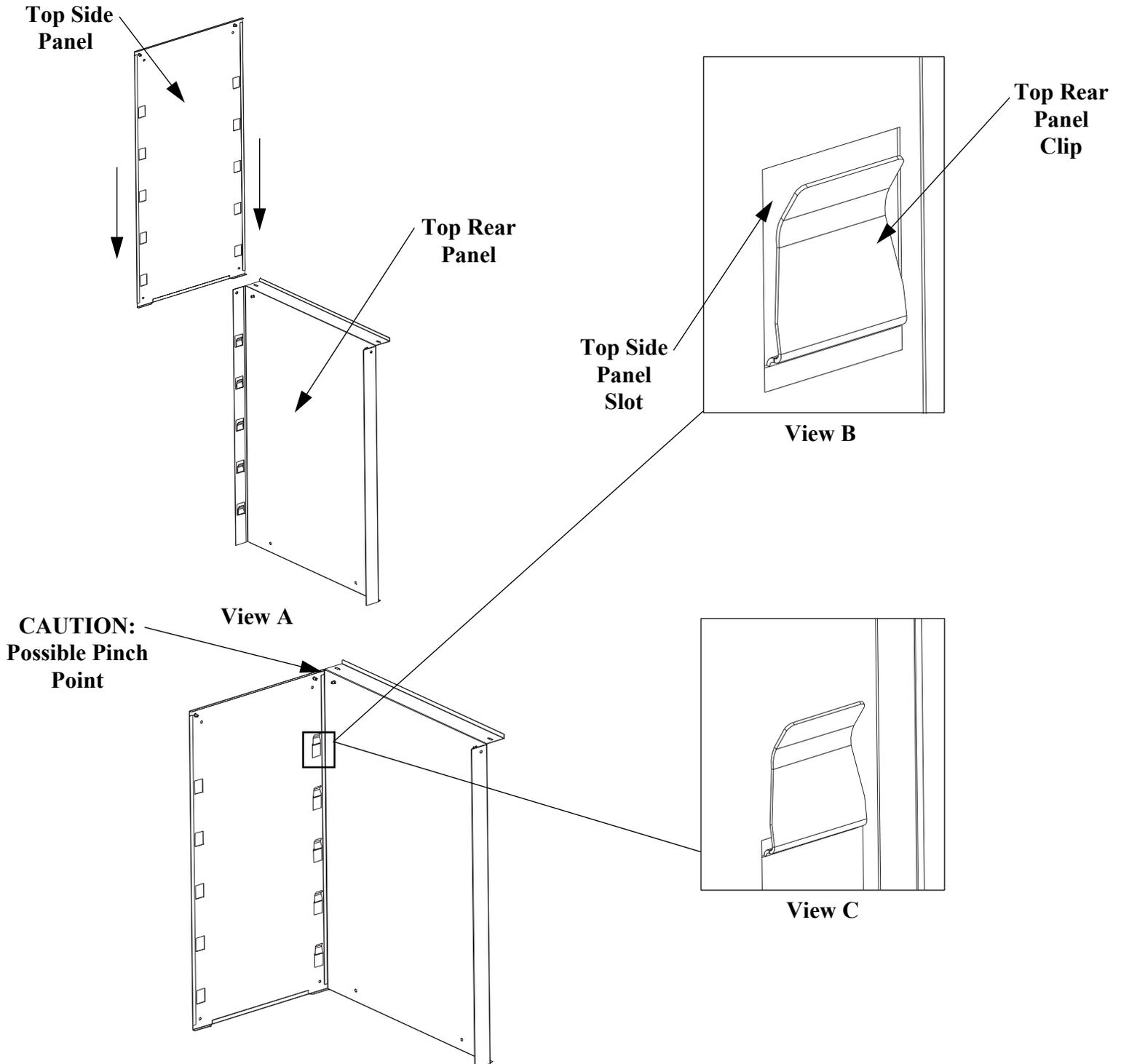
(1) Hardware kit (Not Shown)

For Technical Support: [www.panduit.com/resources/install\\_maintain.asp](http://www.panduit.com/resources/install_maintain.asp)

## Step 1

### Connecting Top Front and Top Rear Panels to Top Side Panels

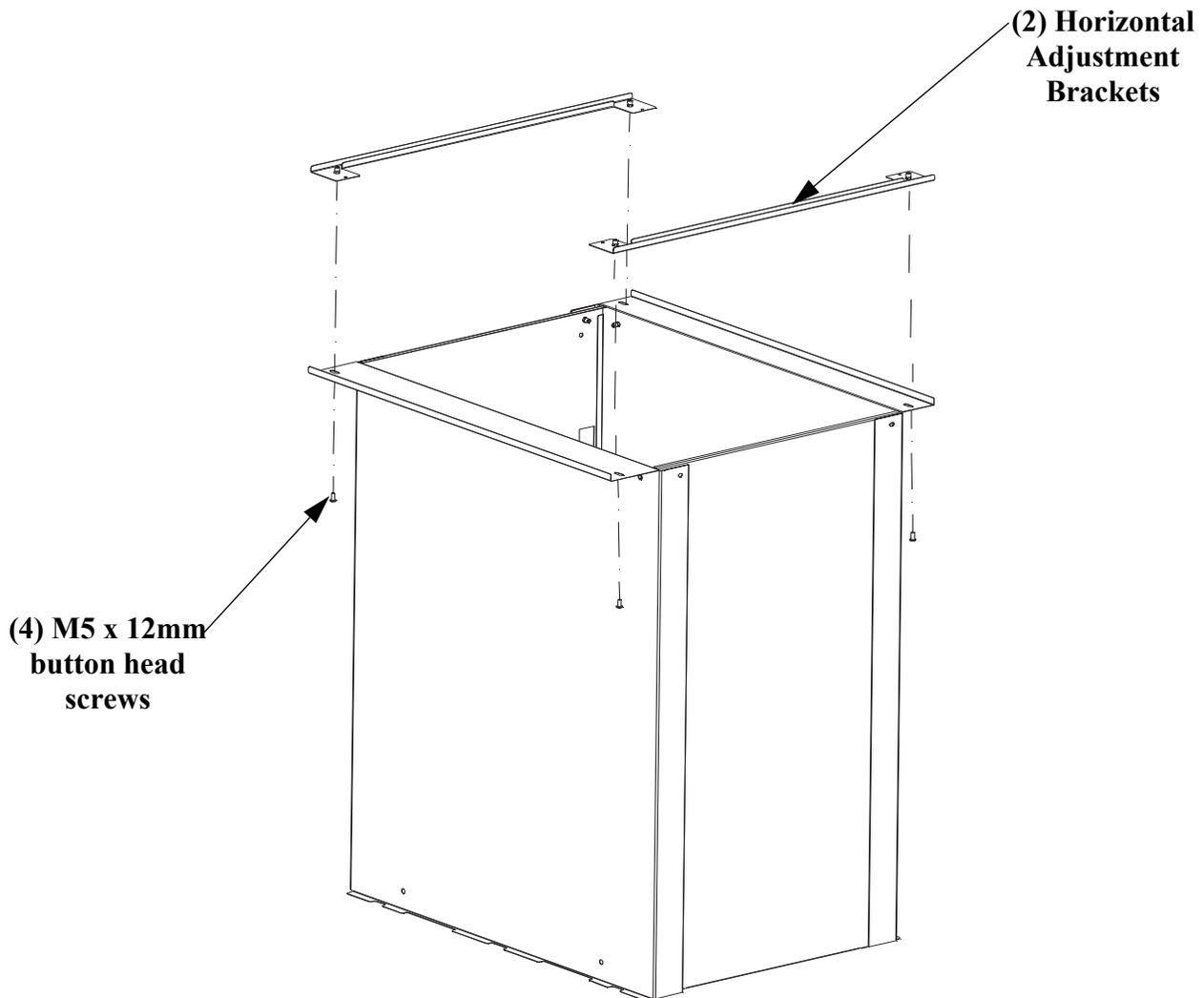
- Align clips on top rear panel with slots in top side panel. (View A)
- Insert clips on top rear panel with slots in top side panel. (View B)
- Slide side panel down locking top rear panel and top side panel together. (View C)
- Repeat steps to connect second top side panel and top front panel.



## Step 2

### Attaching Horizontal Adjustment Brackets

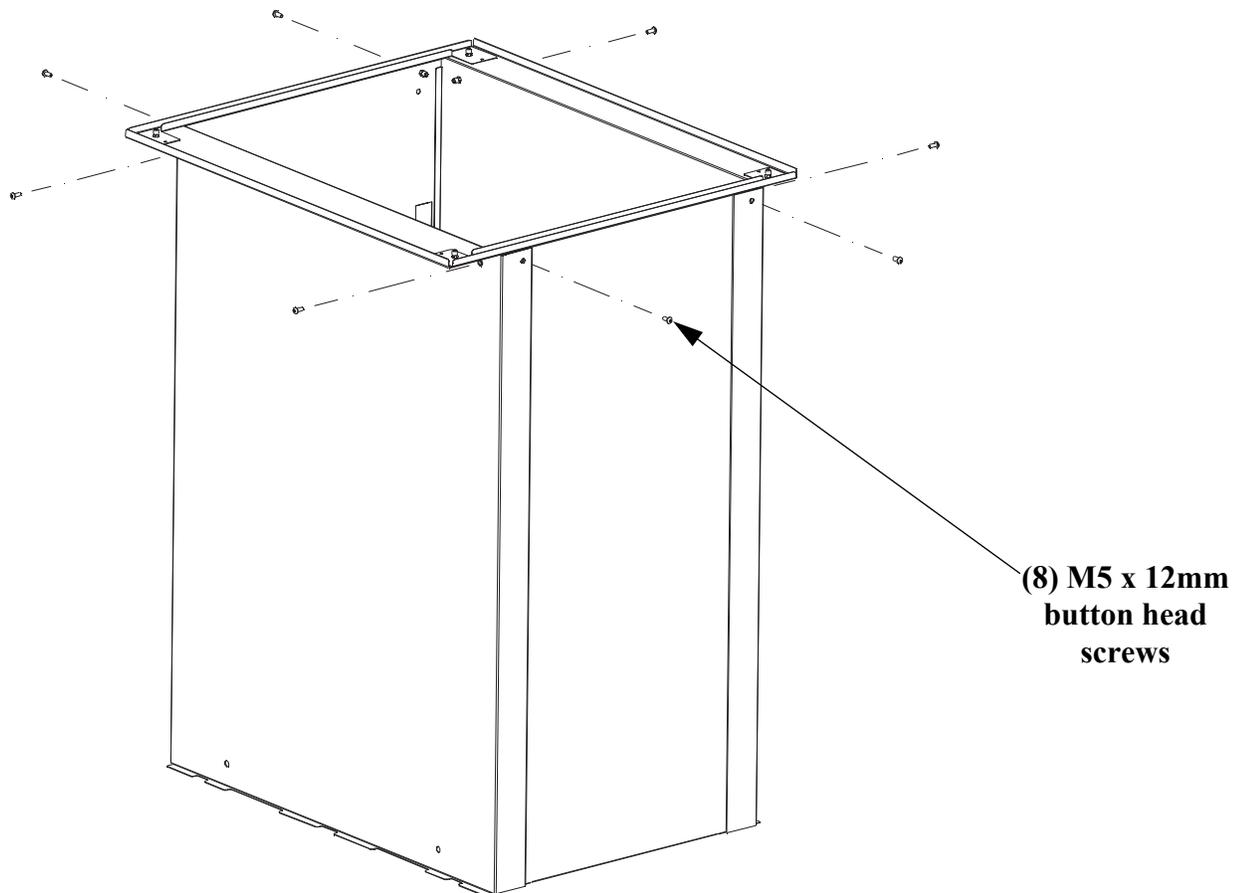
- Using (4) M5 x 12mm button head screws, attach (2) horizontal adjustment brackets to the top of the top front and rear panels. (Leave screws loose.)



## Step 3

### Securing Top Panels Together

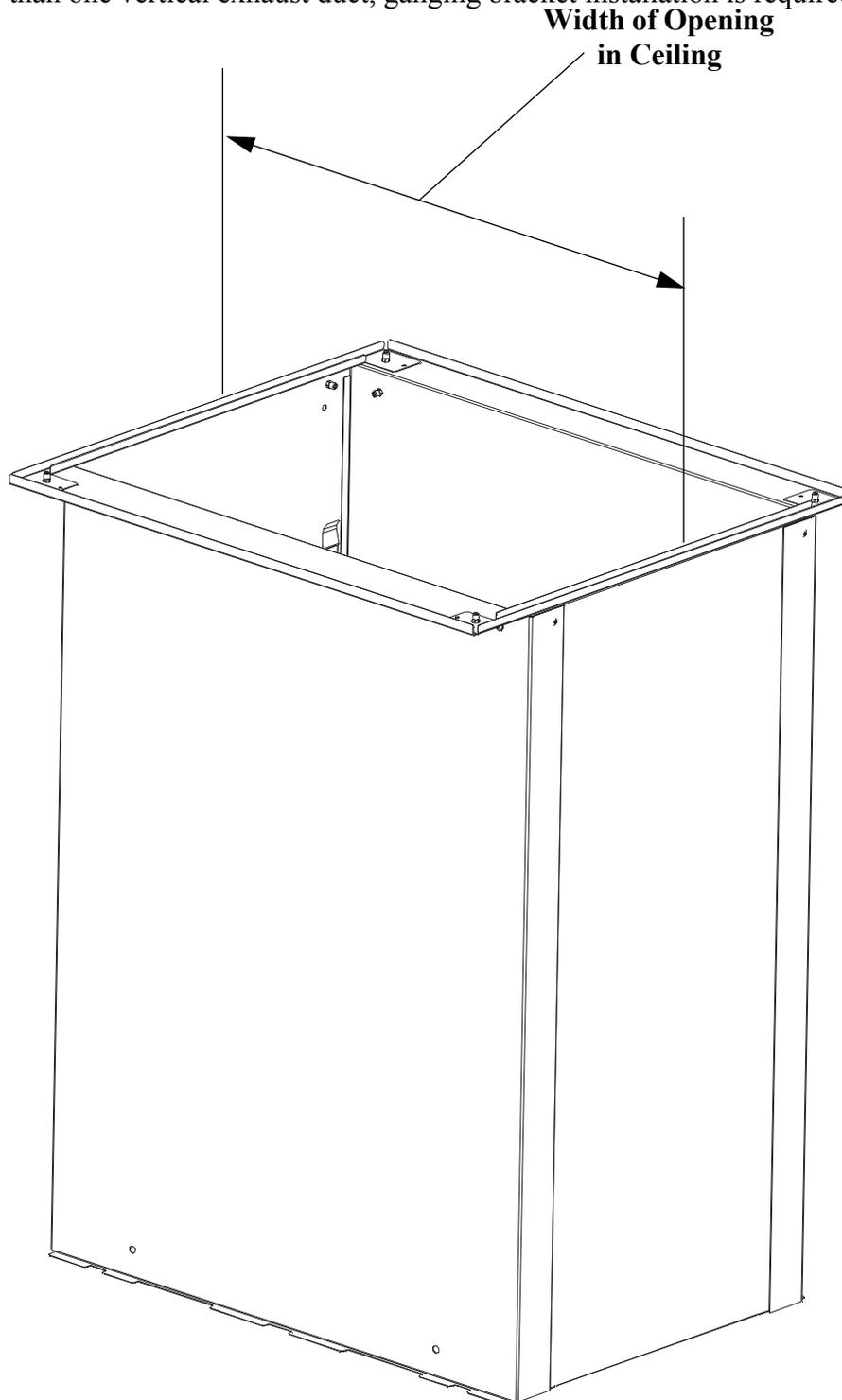
- Secure 4 panels making up the top half of the vertical exhaust duct with (8) M5 x 12mm button head screws.



## Step 4

### Set Width of Horizontal Adjustment Brackets (For Single Vertical Exhaust Duct Installation)

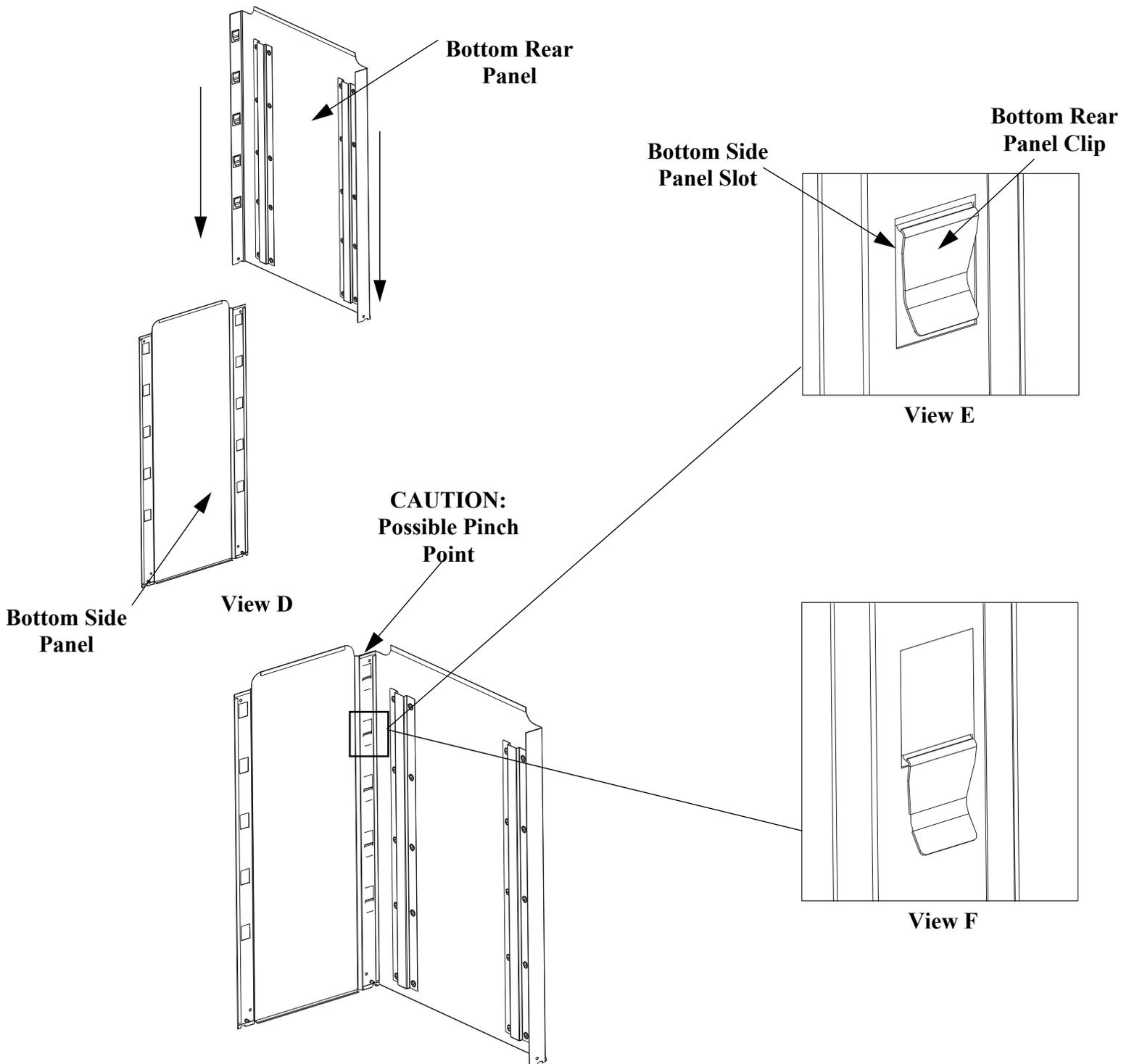
- Measure required side to side opening needed for the top of the vertical exhaust duct.
- Adjust horizontal adjustment brackets to match opening.
- Tighten horizontal adjustment bracket screws.
- NOTE: For more than one vertical exhaust duct, ganging bracket installation is required. (Ref. page 14)



## Step 5

### Connecting Bottom Front and Bottom Rear Panels to Bottom Side Panels

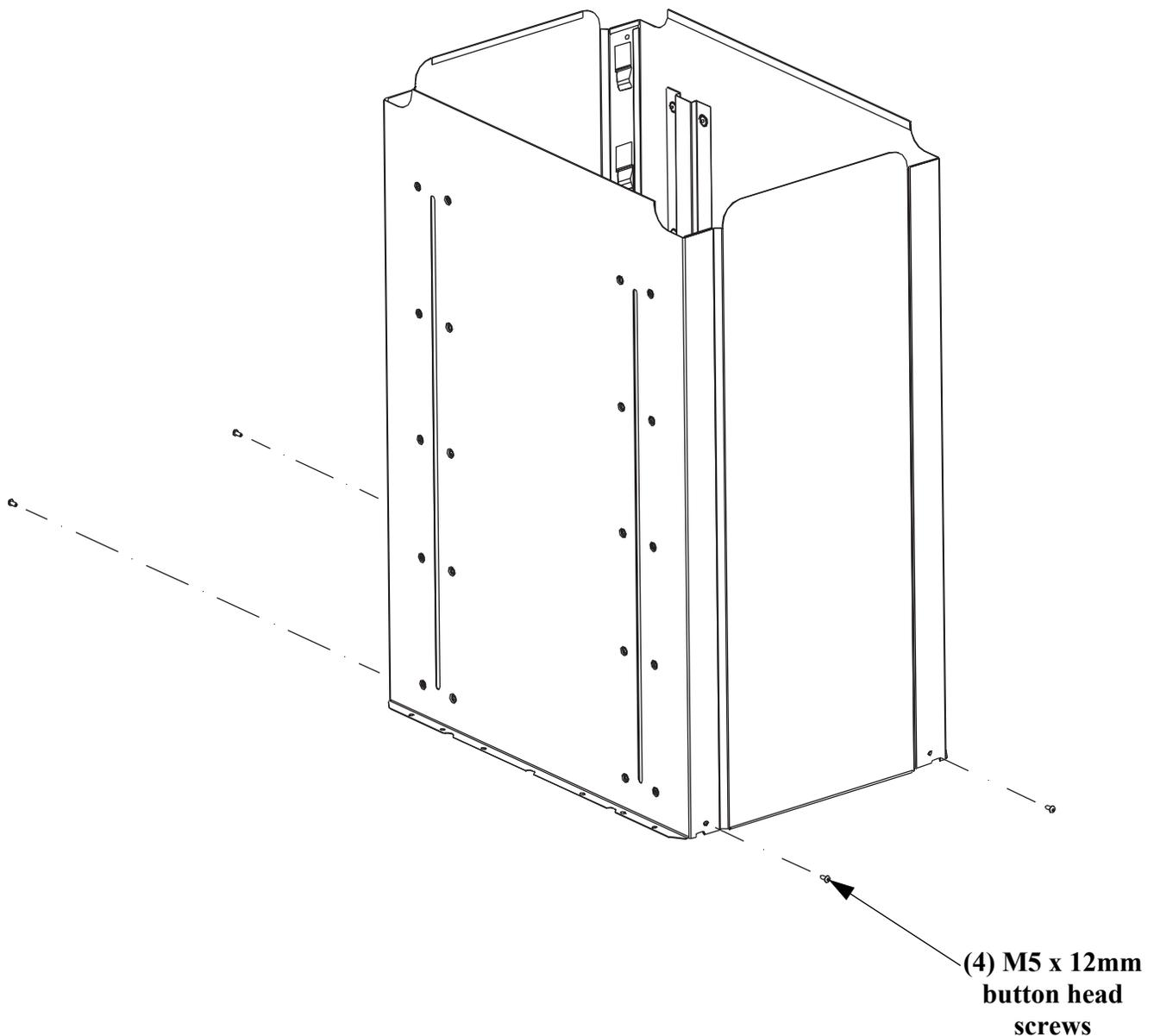
- Align clips on bottom rear panel with slots in bottom side panel. (View D)
- Insert clips on bottom rear panel with slots in bottom side panel. (View E)
- Slide bottom rear panel down locking bottom rear panel and bottom side panel together. (View F)
- Repeat steps to connect second bottom side panel and bottom front panel.



## Step 6

### Securing Bottom Panels Together

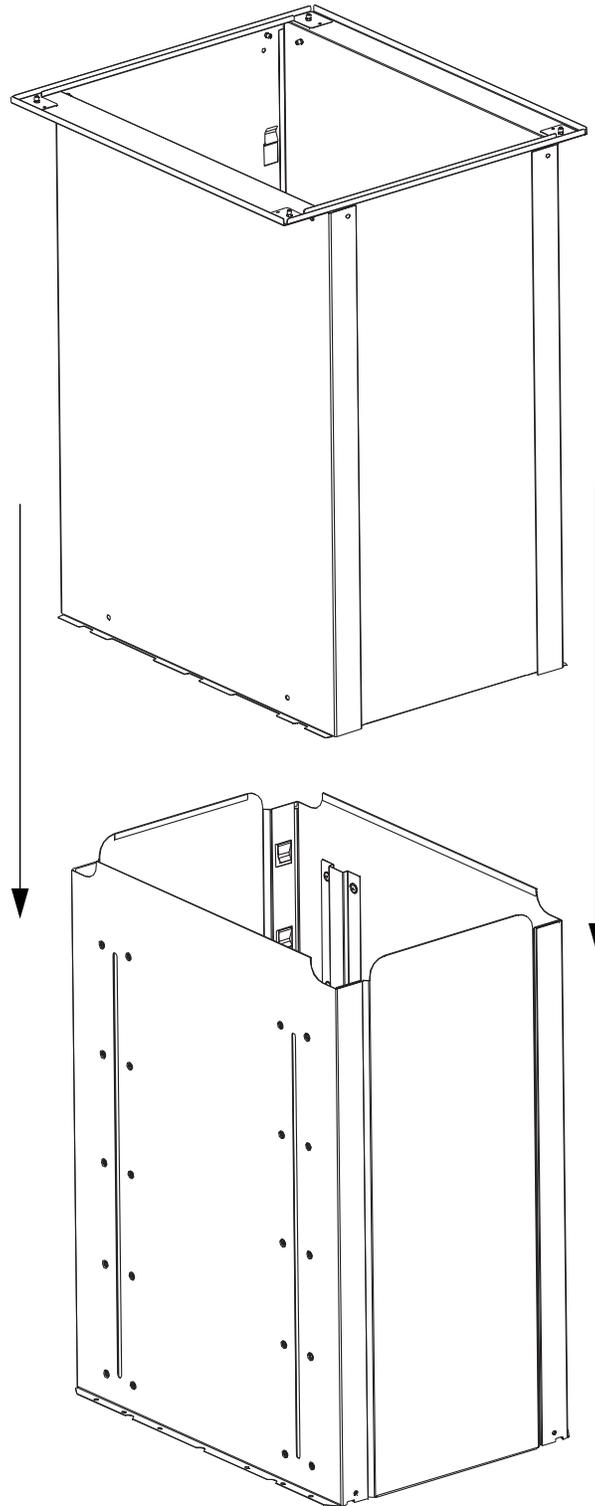
- Secure 4 panels making up the bottom half of the vertical exhaust duct with (4) M5 x 12mm button head screws.



## Step 7

### Assembling Top and Bottom Halves of Vertical Exhaust Duct

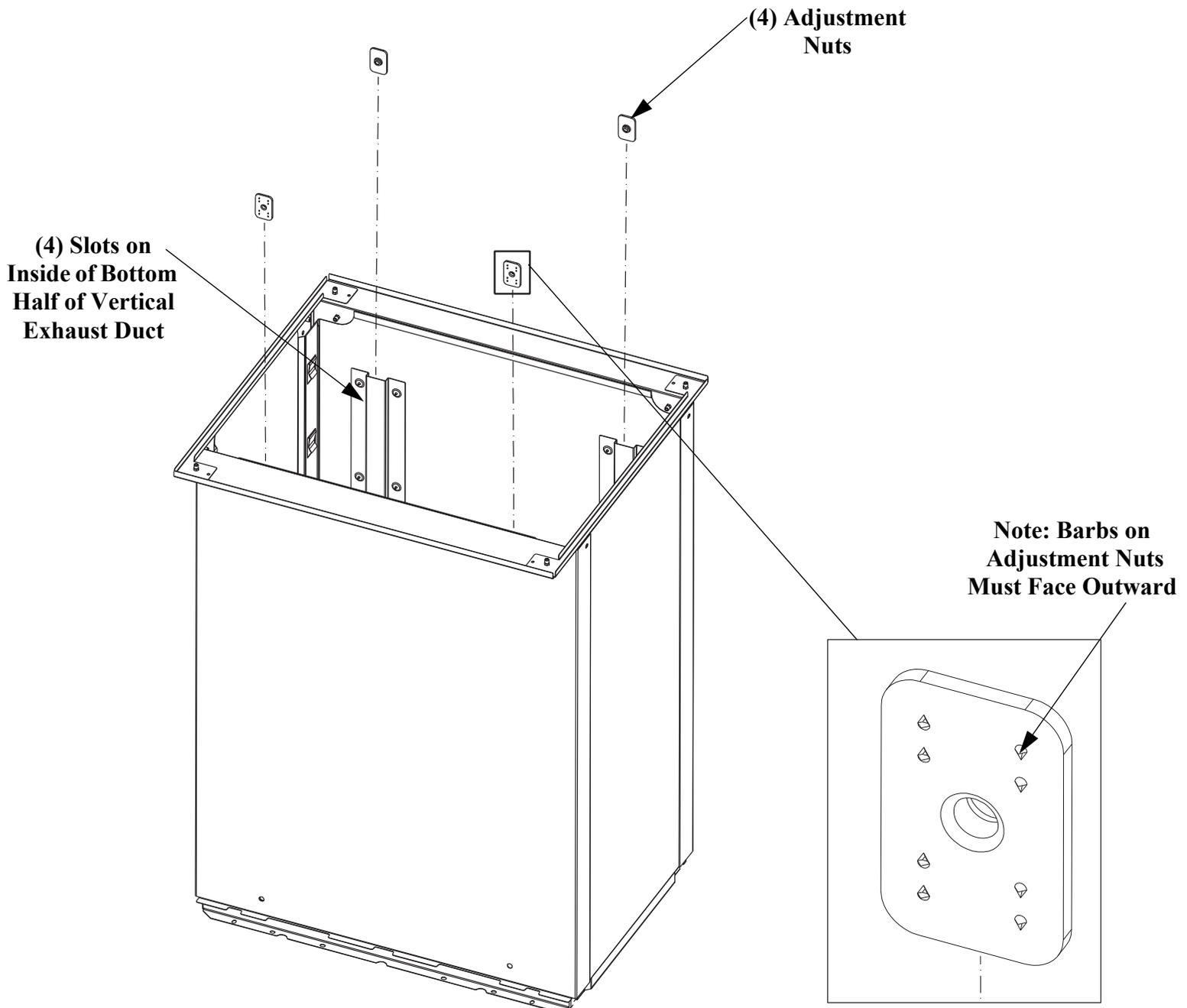
- Place bottom half of vertical exhaust duct on the floor.
- Align the top half of the vertical exhaust duct over the bottom half and slide the top half over the bottom half.



## Step 8

### Inserting Adjustment Nuts

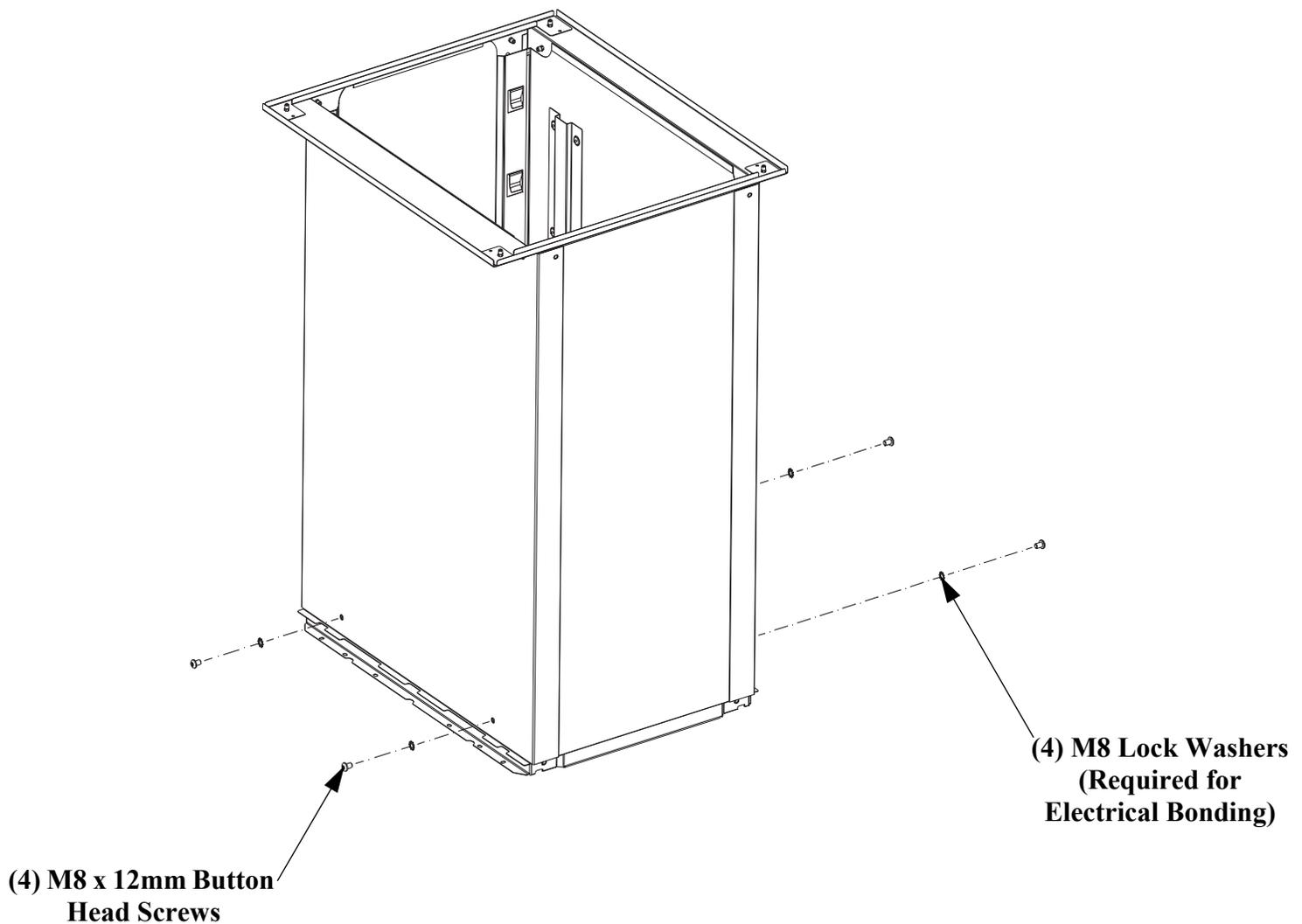
- Insert (4) adjustment nuts into the slots on the inside of the bottom half of the vertical exhaust duct making sure that the barbs on the adjustment nuts are facing outward.



## Step 9

### Securing Top and Bottom Halves of Vertical Exhaust Duct

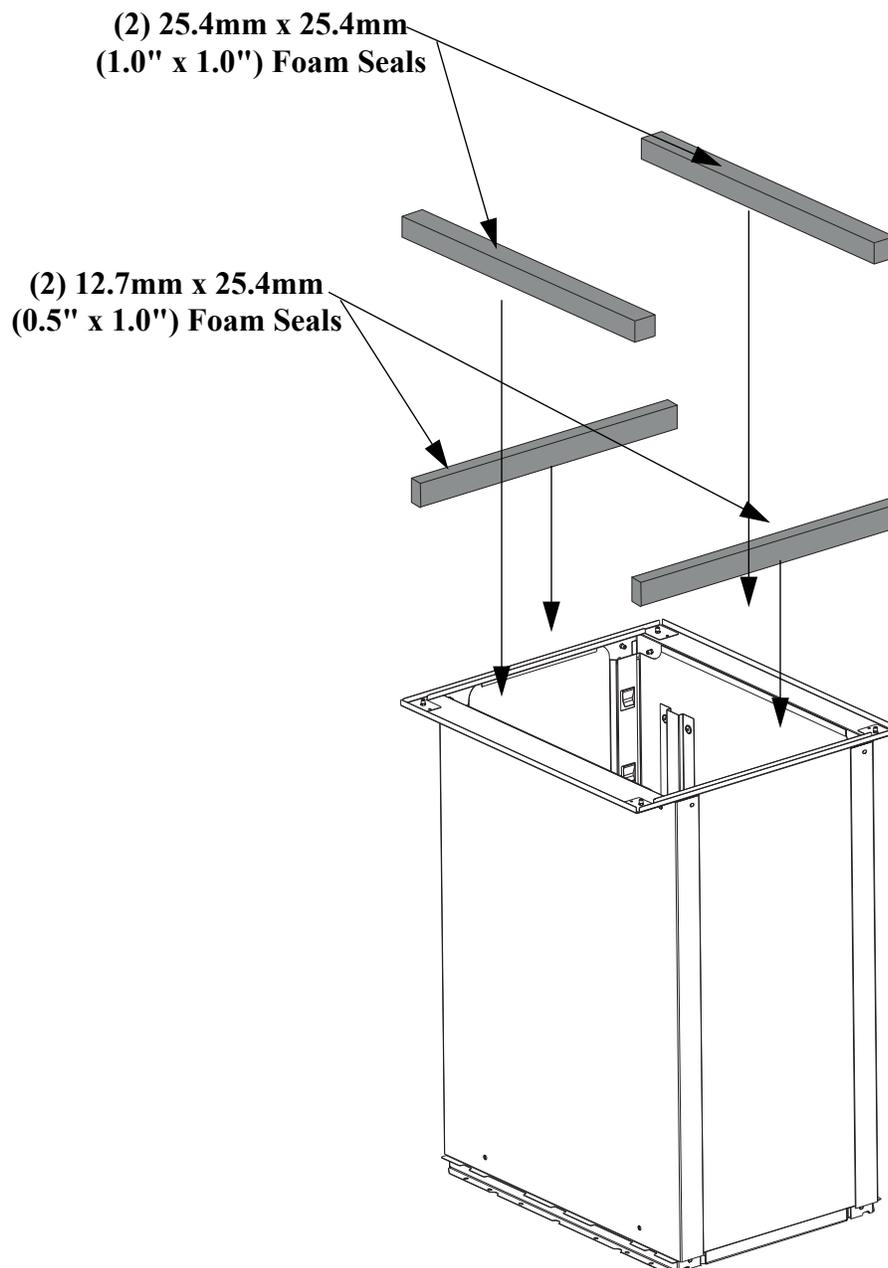
- Fasten (4) M8 x 12mm button head screws with (4) M8 lock washers through the top half of the vertical exhaust duct into the (4) adjustment nuts.



## Step 10

### Applying Foam Seal to Top of Vertical Exhaust Duct

- Measure and cut (2) pieces of 12.7mm x 25.4mm (0.5" x 1.0") and (2) pieces of 25.4mm x 25.4mm (1.0" x 1.0") foam seal to match the length and width of the vertical exhaust duct.
- Attach foam seal to the top border of the vertical exhaust duct.

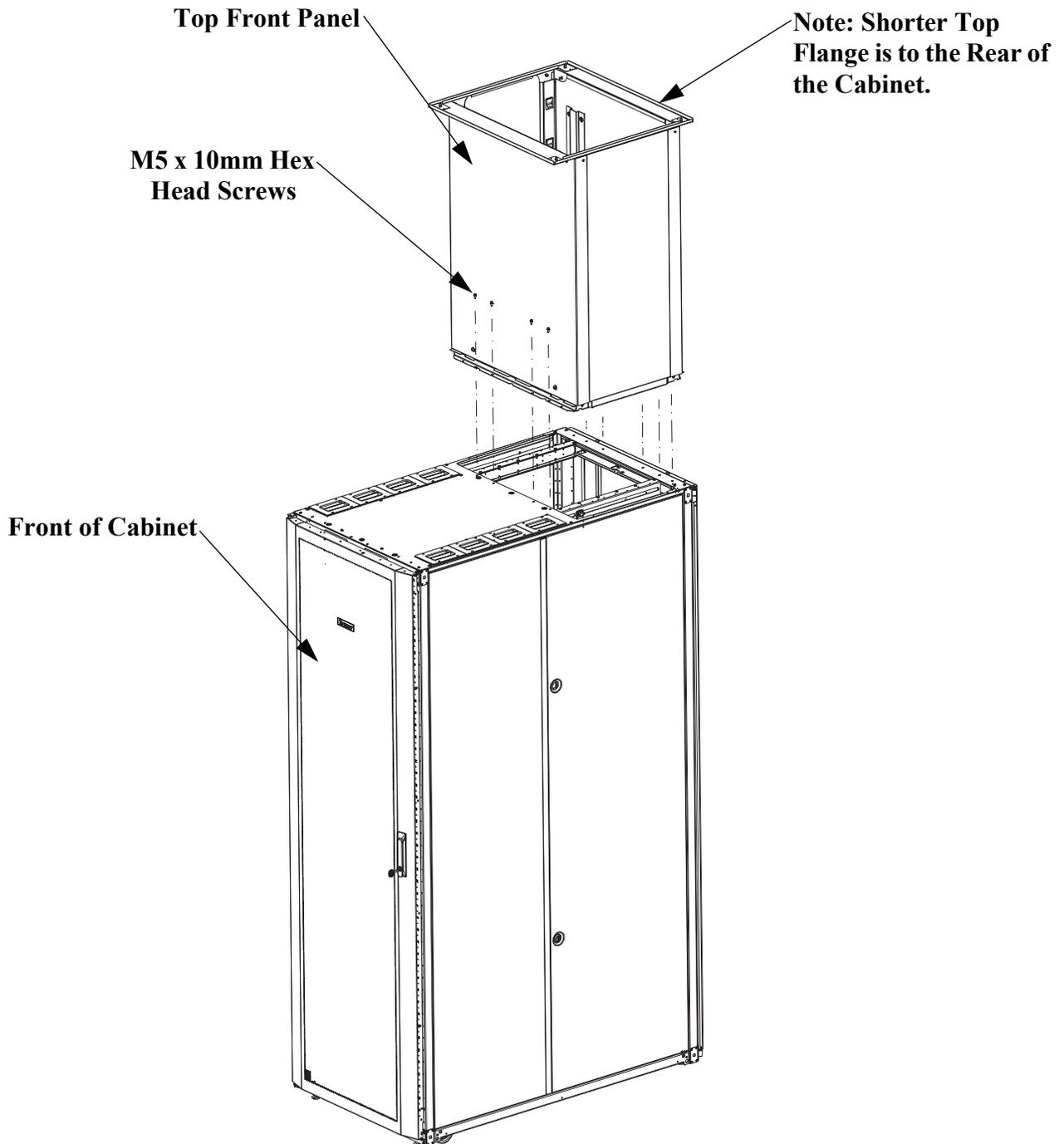


## Step 11

### Attaching Vertical Exhaust Duct to Cabinet

*(For ease of installation a minimum of (2) persons are suggested for this assembly step)*

- Determine front and rear of the vertical exhaust duct and cabinet.
- Carefully lift vertical exhaust duct and place over opening in the top of the cabinet.
- Secure vertical exhaust duct to cabinet with M5 x 10mm hex head screws.
- Note: Number of M5 x 10mm hex head screws required will vary depending on the width of the vertical exhaust duct. Extra screws may remain.

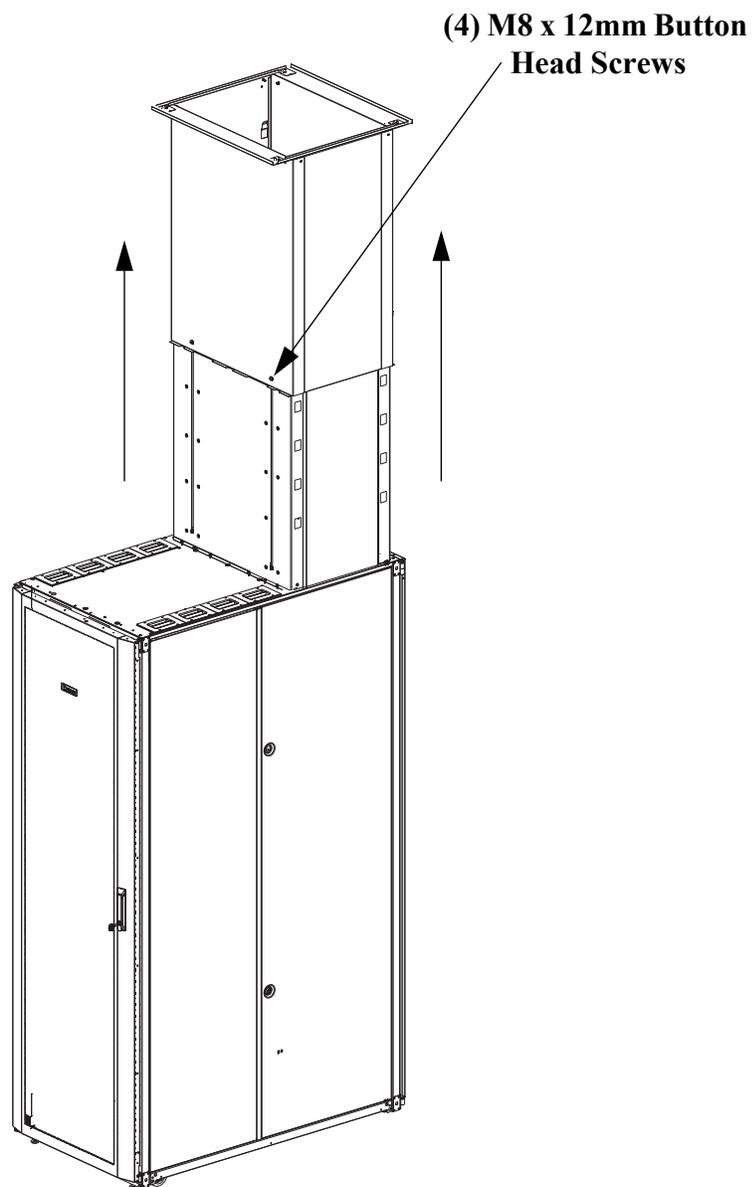


## Step 12

### Adjust Height of Vertical Exhaust Duct

*(For ease of installation a minimum of (2) persons are suggested for this assembly step)*

- Loosen the (4) M8 x 12mm screws on the front and rear of the vertical exhaust duct.
- Slide the top half of the vertical exhaust duct up to required height.
- Tighten the (4) M8 x 12mm screws on the front and rear of vertical exhaust duct.
- Torque screws to 3.1 N/m (27 in/lbs) minimum.



## Step 13

### Attaching Ganging Brackets

- Remove (4) M5 x 12mm button head screws from the front and rear of the (2) vertical exhaust ducts you will be ganging.
- Use these screws to attach the (2) ganging brackets to the (2) vertical exhaust ducts.
- Loosen horizontal adjustment brackets screws and adjust the horizontal adjustment brackets to close any gaps between vertical exhaust ducts.
- Tighten screws.

