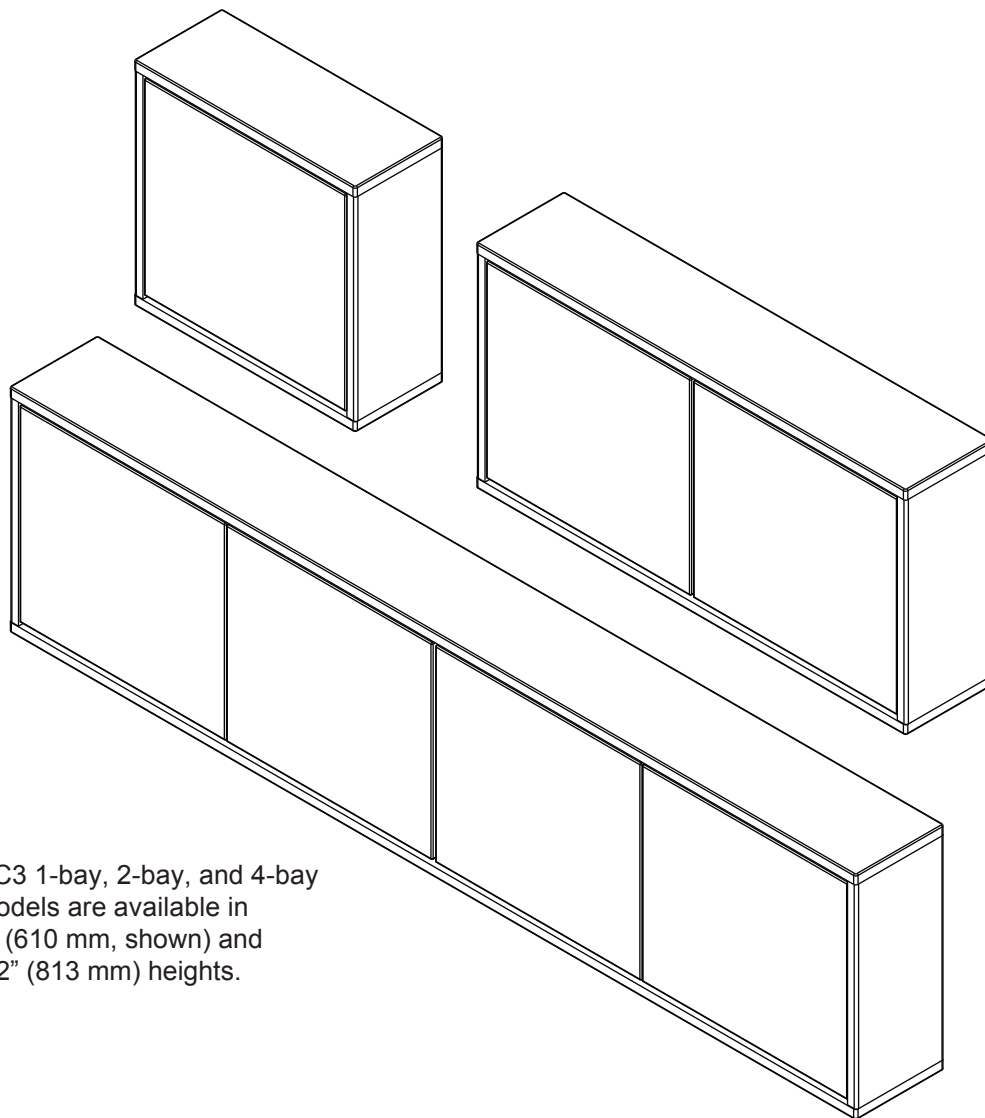


INSTRUCTION SHEET

# C3 SERIES

SLIM LINE CREDENZA



**NOTE:** C3 1-bay, 2-bay, and 4-bay models are available in 24" (610 mm, shown) and 32" (813 mm) heights.

## THANK YOU

Thank you for purchasing the C3 Series slim line credenza. Please read these instructions thoroughly before installing or assembling this product.

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## IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions.
- Heed all warnings.
- Clean only with dry cloth.
- Keep these instructions.
- Follow all instructions.
- Only use attachments/accessories specified by the manufacturer.



**DANGER HAZARDOUS VOLTAGE:** The lightning flash with the arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



**WARNING:** A warning alerts you to a situation that could result in serious personal injury or death.



**CAUTION:** A caution alerts you to a situation that may result in minor personal injury or damage to the product and/or property.

**NOTE:** A note is used to highlight procedures pertaining to the installation, operation, or maintenance of the product.



**WARNING:** Failure to read, understand and follow the following information can result in serious personal injury, damage to the equipment or voiding of the warranty. It is the responsibility of the Installer/User to ensure that this product is loaded according to specifications.



**WARNING:** Exceeding the weight ratings on page 5 can result in serious injury or damage to the equipment. It is the responsibility of the Installer/User to ensure the components installed do not surpass the weight ratings as an unstable condition can occur which may cause possible injury or damage.



**CAUTION:** If there is visible damage on the product, it must not be installed.



**CAUTION:** Safety measures must be practiced at all times during the assembly of this product. Use proper safety equipment and tools for the assembly procedure to prevent personal injury.



**CAUTION:** Note that during construction, there must be no possibility of personal injury, for example the squeezing of fingers or arms.



**CAUTION:** For loading, always put heavier items at the bottom of the bays, not near the top, in order to help prevent the possibility of the furnishing tipping over.



**CAUTION:** The appliance is not intended for use by young children or infirm persons without supervision.

### Safety Instructions: Rack Mount

**Elevated Operating Ambient:** If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T<sub>ma</sub>) specified by the manufacturer.

**Reduced Air Flow:** Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.

**Mechanical Loading:** Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.

**Circuit Overloading:** Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuit might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.

**Reliable Earthing:** Reliable earthing of rack-mounting equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g. use of power strips).

**Disconnect Device (Pluggable Equipment):** The socket-outlet shall be installed near the equipment and shall be easily accessible.

## INSTRUCTIONS IMPORTANTES SUR LA SÉCURITÉ

- Lire ces instructions.
- Respectez tous les avertissements.
- Nettoyer uniquement avec un chiffon sec.
- Conservez ces instructions.
- Suivez toutes les instructions.
- N'utilisez que des accessoires spécifiés par le fabricant.



**DANGER TENSION DANGEREUSE:** Le symbole de la pointe de flèche, dans un triangle équilatéral, est destiné à alerter l'utilisateur sur la présence de tension dangereuse non isolée dans l'enceinte du produit qui peut être d'une ampleur suffisante pour constituer un risque d'électrocution.



**AVERTISSEMENT:** Un avertissement vous avertit d'une situation pouvant entraîner des blessures graves ou la mort.



**ATTENTION:** Une attention vous avertit d'une situation pouvant entraîner des blessures mineures ou des dommages au produit et/ou à la

**REMARQUE:** Une remarque est utilisée pour mettre en évidence les procédures relatives à l'installation, au fonctionnement ou à l'entretien du produit.



**AVERTISSEMENT:** Refus de lire, comprendre et suivre la renseignements suivants peut traduire par de graves blessures, des dommages à l'équipement ou invalider la garantie. Il est la responsabilité de l'installateur/utilisateur de s'assurer que ce produit est chargé conformément aux spécifications.



**AVERTISSEMENT:** Le dépassement des notes de poids à la page 5 peut entraîner des blessures graves ou des dommages à l'équipement. C'est l'responsabilité de l'installateur/utilisateur de s'assurer que les composants installé ne dépassent pas les notes de poids comme un instable condition peut se produire qui peut causer des blessures ou dommages.



**ATTENTION:** S'il ya des dommages visibles sur le produit, il ne doit pas être installé.



**ATTENTION:** Des mesures de sécurité doivent être mises en œuvre en tout temps lors de l'assemblage de ce produit. Utiliser un équipement et des outils de sécurité appropriés pour la procédures de afin d'éviter les blessures.



**ATTENTION:** Notez que pendant la construction, il ne doit pas y avoir de risque de blessure, comme par exemple le écraser des doigts ou des bras.



**ATTENTION:** Pour le chargement, placez toujours des articles plus lourds au bas des baies, pas près du sommet, afin d'éviter la possibilité de basculement de l'ameublement.



**ATTENTION:** L'appareil n'est pas destiné à être utilisé par des enfants en bas âge ou des personnes infirmes sans surveillance.

**Consignes de sécurité:** montage en rack

**Température de fonctionnement élevée:** Si installé dans un rack fermé ou à unités multiples, la température ambiante de fonctionnement de l'environnement du rack peut être supérieure à ambiante de la pièce. Par conséquent, il faudrait envisager d'installer l'équipement dans un environnement compatible avec la température ambiante maximale (T<sub>ma</sub>) spécifiée par le constructeur.

**Réduction Air accréditives:** Installation de l'équipement dans un rack doit être telle que la quantité de flux d'air nécessaire au bon fonctionnement de l'équipement ne soit pas compromise.

**Chargement mécanique:** Le montage de l'équipement dans le rack doit être telle qu'une condition dangereuse ne lié à un chargement mécanique irrégulier.

**Surcharge des circuits:** Il faudrait envisager à la connexion de l'équipement au circuit d'alimentation et l'effet que la surcharge du circuit pourrait avoir sur la protection contre les surintensités et le câblage d'alimentation. Examen approprié des équipements évaluations de la plaque signalétique doit être utilisée pour traiter de cette préoccupation.

**Mise à la terre fiable:** Fiable mise à la terre de l'équipement de montage en rack doit être maintenue. Une attention particulière devrait être accordée aux connexions d'alimentation autres que les connexions directes vers le circuit de dérivation (par exemple de l'utilisation de bandes de puissance).

**Appareil Disconnect (Équipement Pluggable):** La prise de courant doit être installée à proximité du matériel et doit être facilement accessible.



## WEIGHT RATINGS

Model Number	Weight Rating
C3 1-Bay 24" (610 mm) and 32" (813 mm) Depths	75 lbs. (34 kg) Per Bay, 25 lbs. (11 kg) On Top, 100 lbs. (45 kg) Maximum Total Rated Load
C3 2-Bay 24" (610 mm) and 32" (813 mm) Depths	75 lbs. (34 kg) Per Bay, 50 lbs. (23 kg) On Top, 200 lbs. (91 kg) Maximum Total Rated Load
C3 4-Bay 24" (610 mm) and 32" (813 mm) Depths	75 lbs. (34 kg) Per Bay, 100 lbs. (45 kg) On Top, 400 lbs. (181 kg) Maximum Total Rated Load
Slide-Out Rack Option (C3-TECHKIT4-SO)	75 lbs. (34 kg) Maximum Total Rated Load
Fixed Rack Option (C3-TECHKIT4-ST)	75 lbs. (34 kg) Maximum Total Rated Load
Shelf Kit Option (C3-SHELFKIT, Weight Per Shelf)	30 lbs. (14 kg) Maximum Total Rated Load



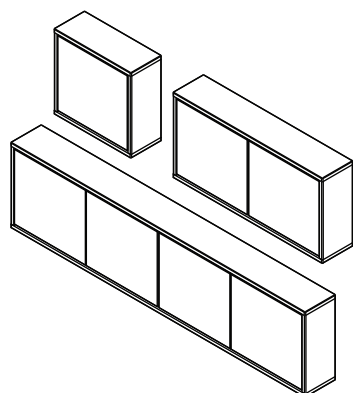
**WARNING:** This product is intended for use only with the products and maximum weights indicated. Use with other products or products heavier than the maximum weights indicated may result in instability causing possible injury. Total equipment weight must not exceed the amounts indicated on the previous table.



**AVERTISSEMENT:** Ce produit est destiné à être utilisé uniquement avec les produits et les poids maximum indiqués. L'utilisation avec d'autres produits ou produits plus lourds que le poids maximum indiqué peut entraîner une instabilité pouvant causer des blessures. Le poids total de l'équipement ne doit pas dépasser les quantités indiquées dans le tableau précédent.

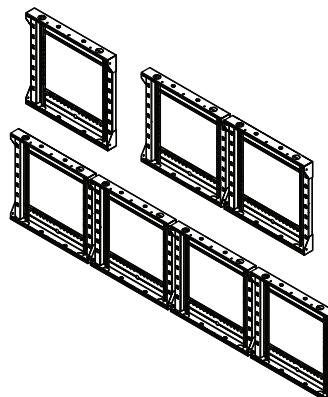
## SUPPLIED COMPONENTS AND HARDWARE

**NOTE:** C3 1-bay, 2-bay, and 4-bay models are available in 24" (610 mm, woodkit and frame shown) and 32" (813 mm) heights.



**Pre-Assembled Woodkit**  
(Includes Doors; 1-Bay, 2-Bay, and 4-Bay Models)

A

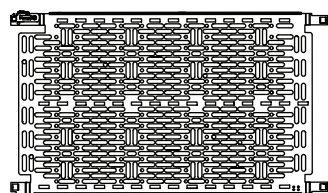


**Frame**

(1-Bay, 2-Bay, and 4-Bay Models)

**NOTE:** The frame top and bottom are identical and, therefore, reversible.

B



**Pre-Installed 10" Lever Lock™ Plate**

**NOTE:** Pre-installed onto the frame.

C

Model	Qty.
1-Bay	1
2-Bay	1
4-Bay	2



**SNAPTOGGLE® Anchor**

D

Model	Qty.
1-Bay	6
2-Bay	6
4-Bay	12



**1/4"-20 x 2 1/2" Bolt**

E

Model	Qty.
1-Bay	4
2-Bay	4
4-Bay	8



**1/4" Washer**

F

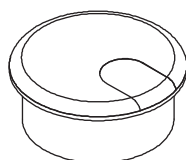
Model	Qty.
1-Bay	4
2-Bay	4
4-Bay	8



**10-32 x 3/8" Machine Screw**

H

Model	Qty.
1-Bay	2
2-Bay	4
4-Bay	8



**(2x) Grommet**

G



**#10 x 5/8" Wood Screw**

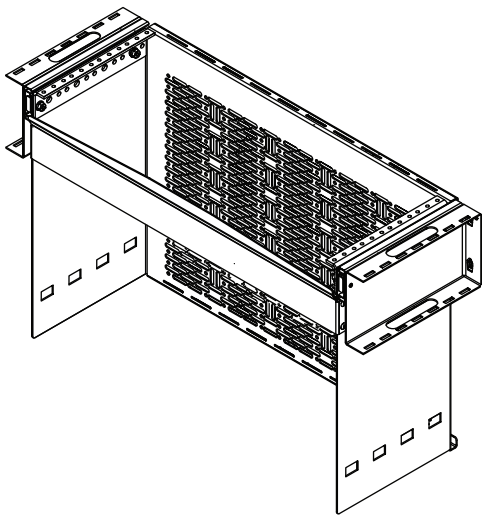
J

Model	Qty.
1-Bay	4
2-Bay	8
4-Bay	16

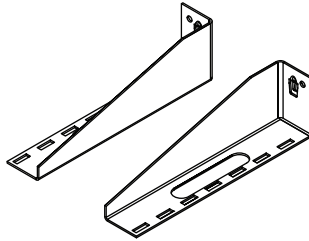
## SUPPLIED COMPONENTS AND HARDWARE (CONTINUED)

### SLIDE-OUT RACK OPTION (C3-TECHKIT4-SO, QUANTITIES PER UNIT)

**NOTE:** This C3-TECHKIT4-SO comes with a C3-FANKIT. (Fankit hardware shown on page 8.)



Partially Pre-Assembled Slide-Out Rack  
K



Lever Lock Brackets  
L



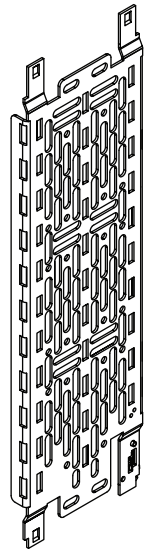
(5x) 8-32 x 5/16"  
Thread Forming  
Screw  
N



(2x)  
Lever Lock Securing Rivet  
M



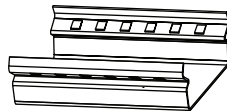
(20x)  
Lever Lock Plate Washer  
P



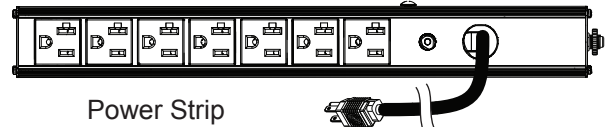
4" Lever Lock Plate  
R



(2x) 10-32 x 1/4"  
Flat Head Screw  
S



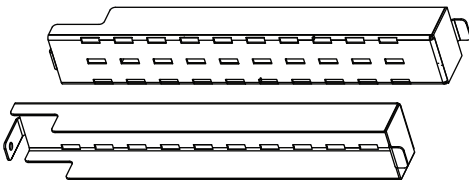
(2x) Power  
Mounting Clip  
T



Power Strip  
(10' Cable Length)  
U

### LEVER LOCK™ OPTION (LLOCKSWRF-KIT)

**NOTE:** The Lever Lock option (LLOCKSWRF-KIT) requires purchase of the Slide-Out Rack Option (C3-TECHKIT4-SO).



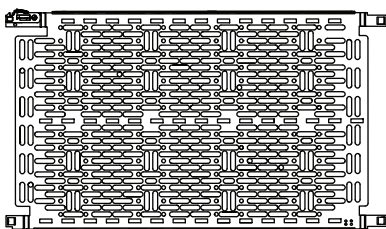
Lever Lock  
Adapter Brackets  
V



(6x) 10-32 x 3/4"  
Truss Screw With  
Washer  
W



(2x)  
2" Lever Lock  
Plate  
X



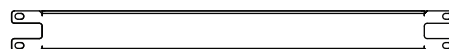
10" Lever Lock  
Plate  
Y



(6x)  
Lever Lock Securing Rivet  
Z



(20x)  
Lever Lock Plate Washer  
AA

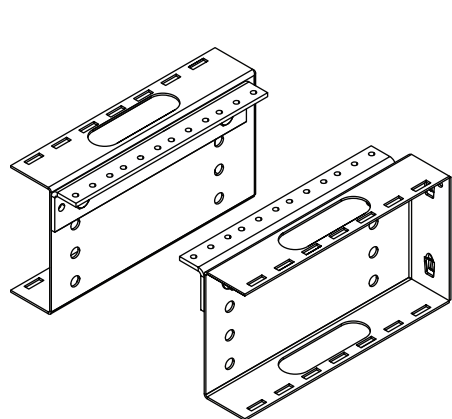


Face After Panel  
AB

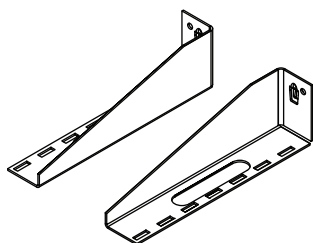
## SUPPLIED COMPONENTS AND HARDWARE (CONTINUED)

### FIXED RACK OPTION (C3-TECHKIT4-ST)

**NOTE:** This C3-TECHKIT4-ST comes with a C3-FANKIT. (Fankit hardware shown on page 8.)



Fixed Rackrail Brackets  
AC



Lever Lock Brackets  
AD



(5x) 8-32 x 5/16"  
Thread Forming  
Screw  
AF



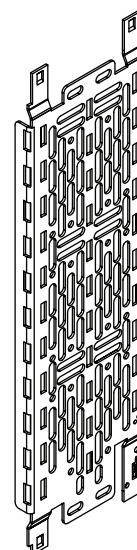
(2x)

Lever Lock Securing Rivet  
AE



(20x)

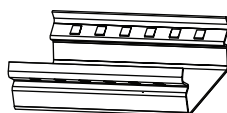
Lever Lock Plate Washer  
AG



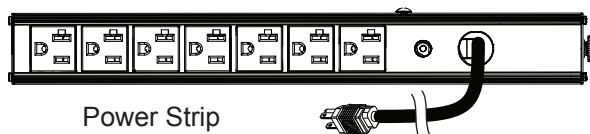
4" Lever Lock Plate  
AH



(2x) 10-32 x 1/4"  
Flat Head Screw  
AJ

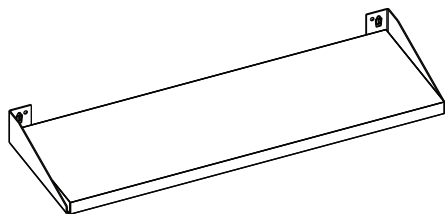


(2x) Power  
Mounting Clip  
AK



Power Strip  
(10' Cable Length)  
AL

### SHELF KIT OPTION (C3-SHELFKIT)



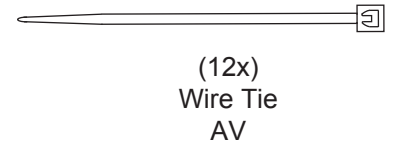
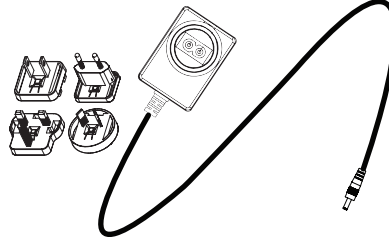
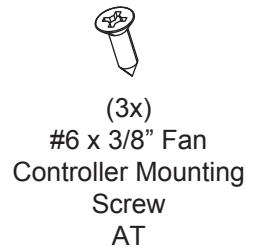
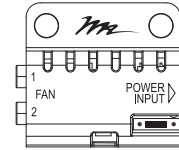
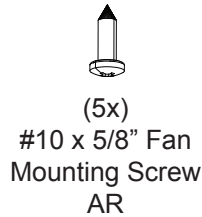
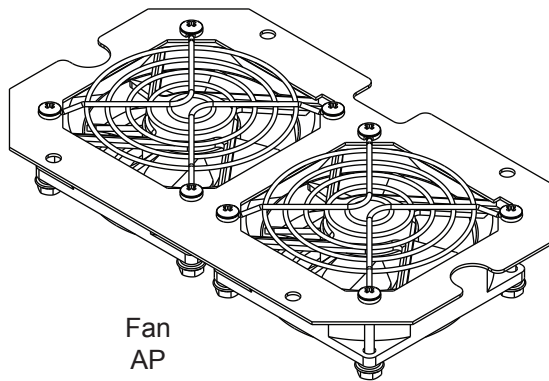
(2x) Wood Shelf With  
Pre-Assembled Brackets  
AM



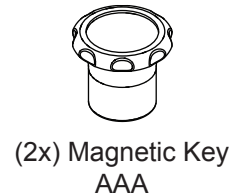
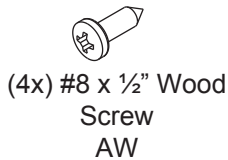
(5x) 8-32 x 5/16"  
Thread Forming  
Screw  
AN

## SUPPLIED COMPONENTS AND HARDWARE (CONTINUED)

### FAN OPTION (C3-FANKIT)



### MAGNETIC KEY DOOR LOCK OPTION (MAG-CAB-LATCHKEY)



#### NOTE:

- Images in this instruction sheet may show 1-, 2-, or 4-bay models.
- Hardware amounts for custom credenzas may vary.
- Additional hardware is included that may not be required for your installation.

### REQUIRED TOOLS

- Protective Eyewear
- Tape Measure
- Pencil
- Level
- Stud Finder
- Power Driver
- 3/32" Drill Bit (For Wood Studs)
- 1/2" Drill Bit (For Steel Studs, Cinderblocks, or Masonry)
- 7/16" Socket and Wrench
- Rubber Mallet
- #2 Phillips Screwdriver
- #2 Phillips Bit
- 1 1/2" Hole Saw With Drill Bit Tip



**WARNING:** Use tools with caution and follow all necessary safety protocols.

**AVERTISSEMENT:** Utiliser des outils avec prudence et suivre tous les protocoles de sécurité nécessaires.

## INTRODUCTION

After initial unpacking and inspection of your woodkit (A), leave the kit inside the box for added wood surface protection until required for specific assembly steps starting on page 25.

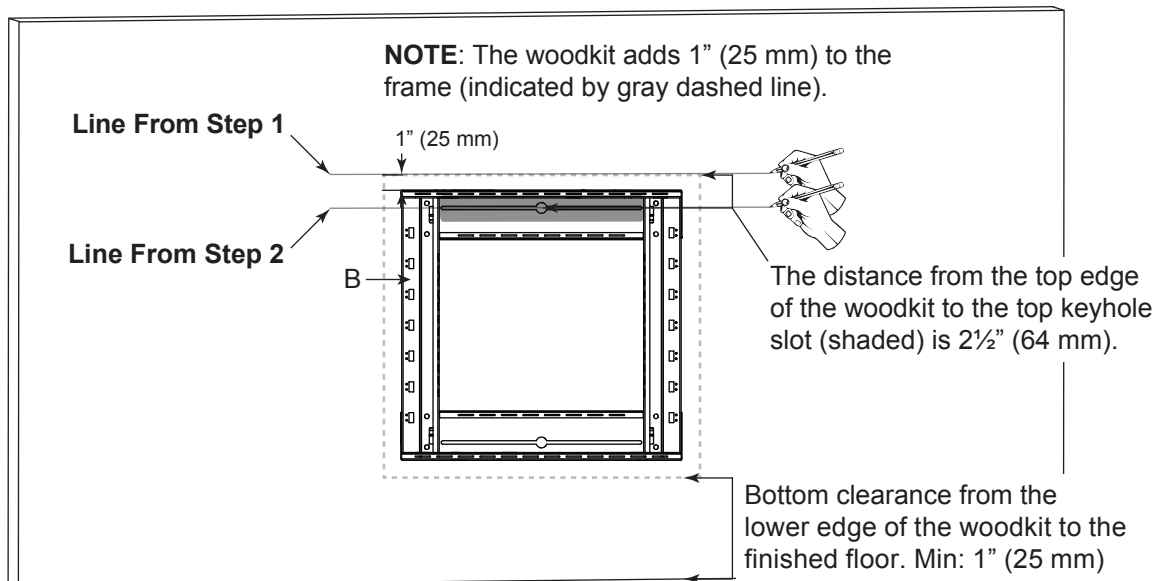
## DETERMINING FRAME HANGING HEIGHT ON WALL

**NOTE:** Your credenza's bottom clearance (beneath the lower edge of the woodkit) must be at least 1" (25 mm) for proper air intake. (**FIGURE A**)

This means that the minimum height (to the top edge of your woodkit) of your credenza when mounted to the wall is:

- 25" (635 mm) for the 24" (610 mm) model.
- 33" (838 mm) for the 32" (813 mm) model.

1. Keeping the previous note in mind, select your desired height from the finished floor and use a pencil and level to draw a horizontal line (approximately as wide as your frame, B) on the wall at this height. (**FIGURE A**)
2. Measure down 2½" (64 mm) and draw another horizontal line. This is your top keyhole slot (shaded) height.
3. Where applicable, use a stud finder to locate the studs and mark their locations with vertical lines along the top keyhole slot height line from the previous step.



**FIGURE A**

## DETERMINING FRAME HANGING HEIGHT ON WALL (CONTINUED)

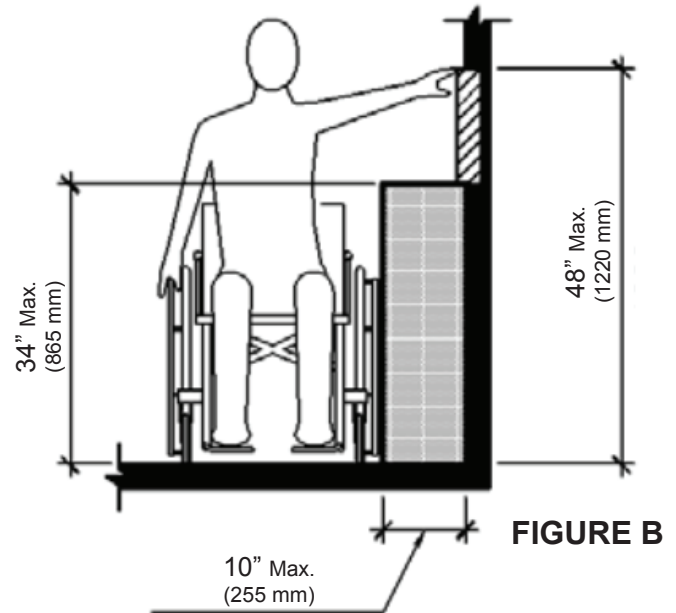
### NOTE:

- Consider the ADA requirements of a 34" (865 mm) maximum height when determining the overall height of your credenza. (**FIGURE B**)

For more information, refer to the ADA Standards for Accessible Design at:

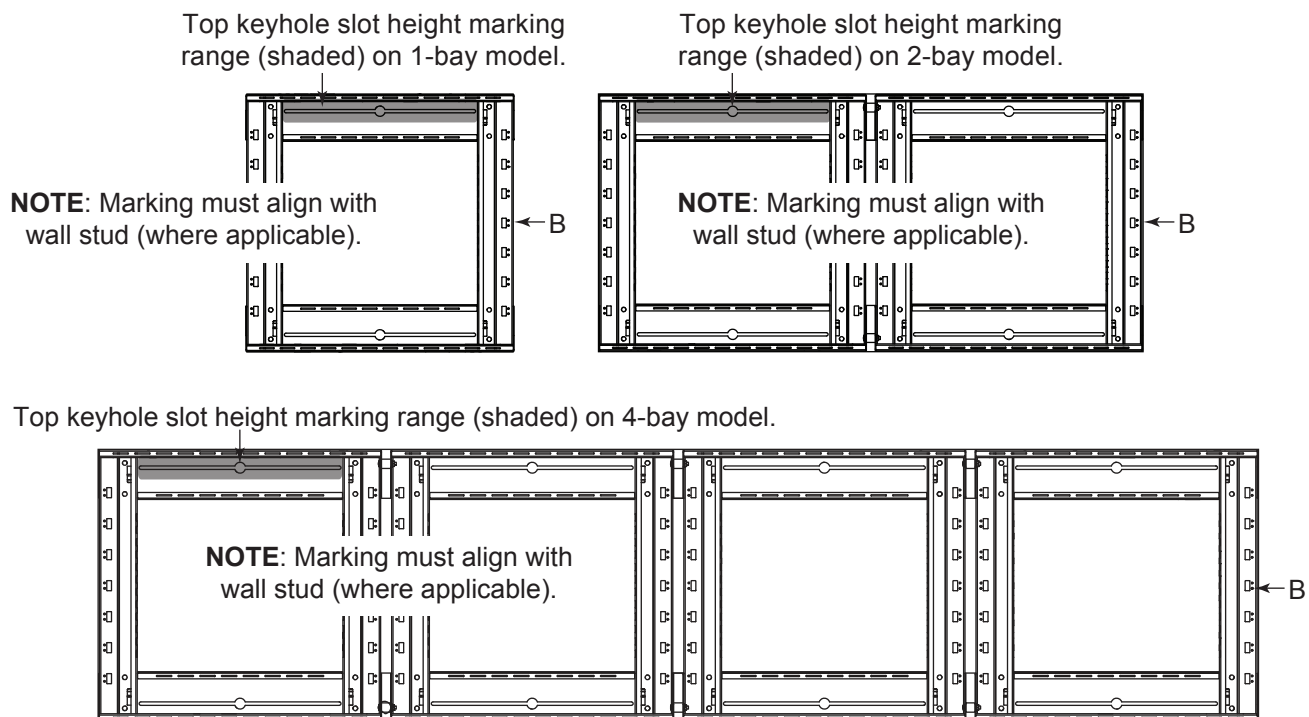
[https://www.ada.gov/2010ADASTandards\\_index.htm](https://www.ada.gov/2010ADASTandards_index.htm)

- Consider power receptacles on the wall and power requirements when positioning your frame.



- Use a tape measure and pencil to mark the top keyhole slot locations (left position shown), in line with the nearest wall stud (studs must be used per bay as indicated and where applicable) based on 1-, 2-, or 4-bay models, as shown. (**FIGURE C**)

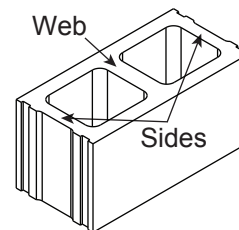
**NOTE:** Keyhole slot locations must align with wall studs for proper support.



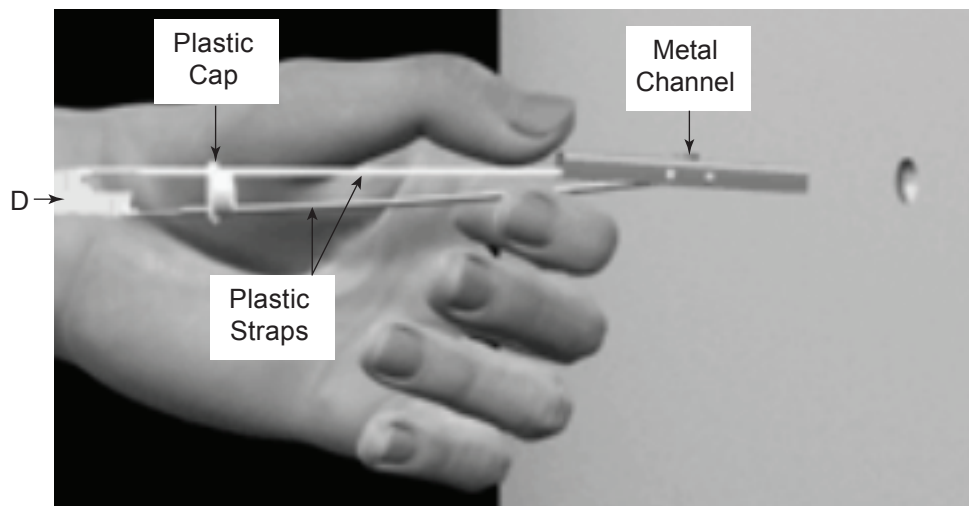
## SECURING THE FRAME TO A WALL WITH STEEL STUDS OR CINDERBLOCKS

1. Use power driver and ½" drill bit to drill the hole for your top keyhole slot marking into the wall stud (where applicable).

**NOTE:** If securing to cinderblocks, avoid drilling into webs and sides as shown. (**FIGURE D**)



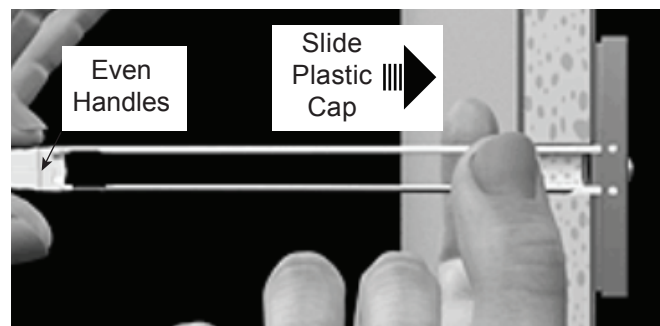
**FIGURE D**



**FIGURE E**

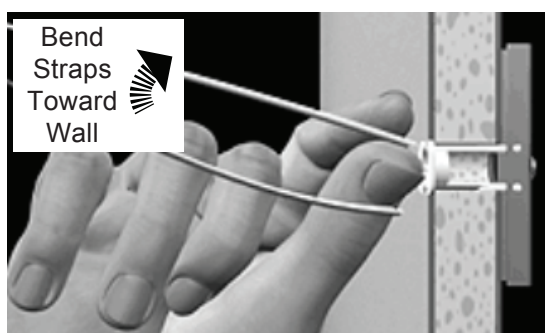
2. Insert a SNAPTOGGLE® anchor (D) into the hole by holding the metal channel flat alongside the plastic straps and sliding the channel through the hole. (**FIGURE E**)

3. Make the plastic straps handles even in order to force the metal channel perpendicular to the entire anchor. (**FIGURE F**)



**FIGURE F**

4. Secure each anchor by firmly sliding the plastic cap along the straps until the flange of the cap is flush with the wall.



**FIGURE G**

5. Snap off plastic straps from each anchor by carefully bending them toward the wall. (**FIGURE G**)

6. Use power driver and Phillips bit to partially screw a ¼"-20 x 2½" bolt (E) and ¼" washer (F) ¾ of the way into the anchor (leaving approximately ¼" (6 mm) of the bolt protruding from the wall).
7. Team lift your frame (B) and work the bolt and washer on the wall through the top keyhole (top-left keyhole on the 2- and 4-bay models) on the frame.

**NOTE:** The frame top and bottom are identical and, therefore, reversible.

8. Using the bolt as an anchor point and a level on the top center of your frame (B), carefully slide the frame into your desired position and make adjustments as necessary.

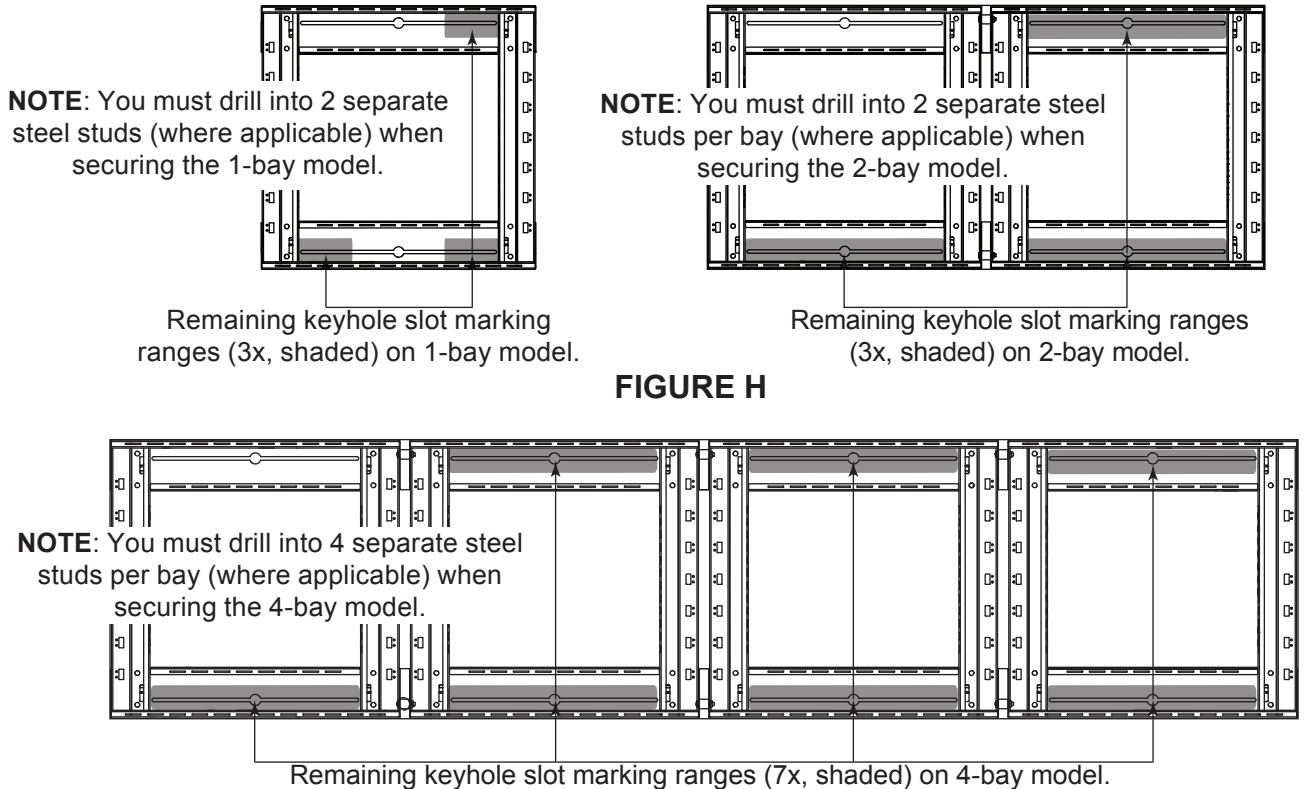


## SECURING THE FRAME TO A WALL WITH STEEL STUDS OR CINDERBLOCKS (CONTINUED)

9. With the frame still in position, use a pencil to mark the remaining keyhole slot locations, in line with the nearest wall studs (where applicable), based on 1-, 2-, or 4-bay models, as shown. (**FIGURE H**)

### NOTE:

- Keyhole slot locations must align with wall studs (where applicable) for proper support.
- If securing to cinderblocks, avoid drilling into webs and sides as shown. (**FIGURE D**)
- If your installation requires additional measurements and frame details, refer to the technical specification (96\_01258\_C3) at [www.middleatlantic.com](http://www.middleatlantic.com).



**WARNING:** Total keyhole slot locations specified in these instructions are the minimum anchor points required when securing the frame to the wall.

**AVERTISSEMENT:** Les emplacements de serrure totaux spécifiés dans ces instructions sont les points d'ancrage minimum requis lors de la fixation du cadre au mur.

10. Without removing the bolt and washer on the wall from step 6 (previous), team lift and remove the frame (B) from the wall and carefully set it aside.
11. Use a power driver and 1/2" drill bit to drill hole locations marked on the wall from step 8 (previous).
12. Insert remaining SNAPTOGGLE anchors (D) into each of the drilled holes as described in steps 2, 3, 4, and 5 (previous).
13. Team lift your frame (B) again and work the bolt and washer on the wall through the top keyhole (top-left keyhole on the 2- and 4-bay models) on the frame.

**NOTE:** The frame top and bottom are identical and, therefore, reversible.

14. Using the bolt as an anchor point, carefully slide the frame keyhole slots in line with all the anchors.



## SECURING THE FRAME TO A WALL WITH STEEL STUDS OR CINDERBLOCKS (CONTINUED)

15. Use a power driver and Phillips bit to partially screw remaining  $\frac{1}{4}$ "-20 x  $2\frac{1}{2}$ " bolts (D) and  $\frac{1}{4}$ " washers (E) approximately  $\frac{3}{4}$  of the way through the keyhole slots on the frame and into the anchors.
16. Place a level on the top center of your frame and make any final adjustments before carefully tightening all of the bolts. Do not overtighten.

## SECURING THE FRAME TO A WALL WITH WOOD STUDS

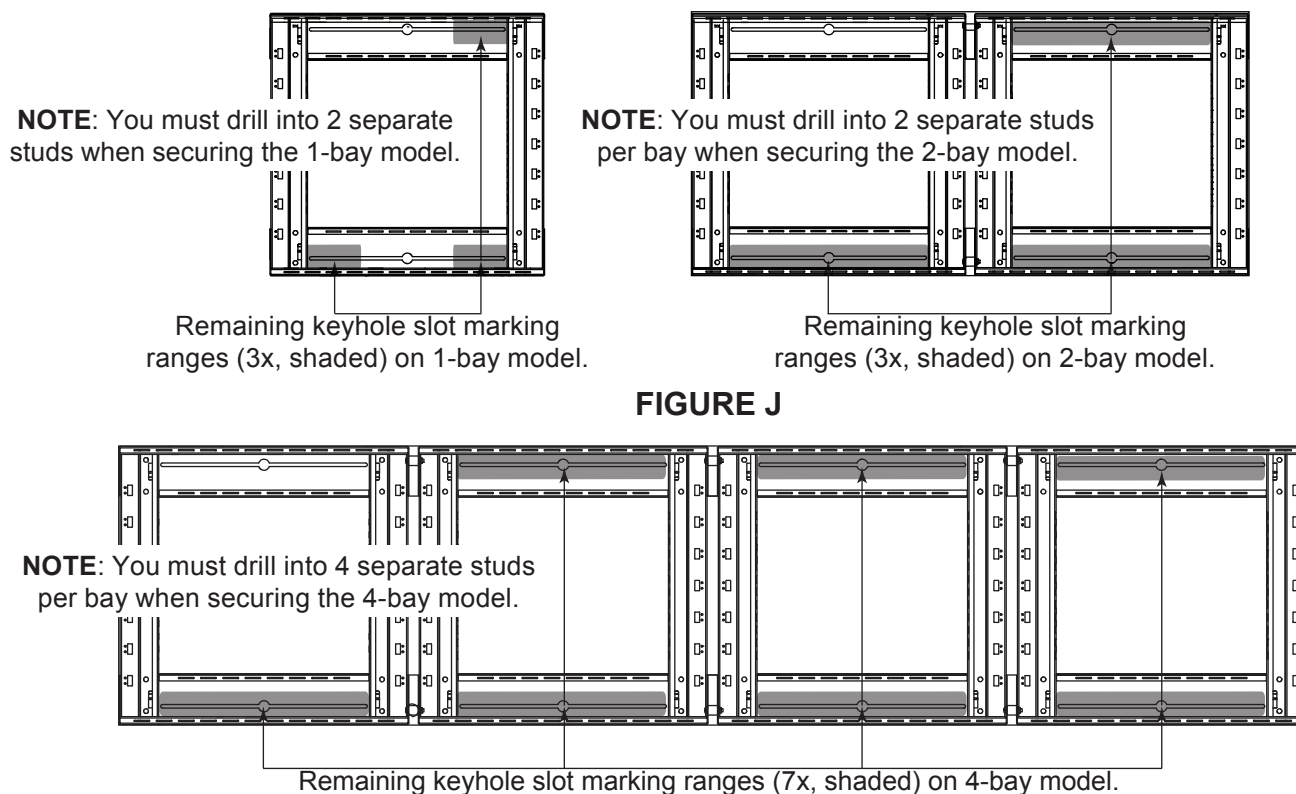
1. Use a power driver and  $\frac{3}{32}$ " drill bit to drill the hole for your top keyhole slot marking into the wall stud.
2. Use a  $\frac{7}{16}$ " socket to partially screw a  $\frac{1}{4}$ " x  $2\frac{1}{2}$ " lag bolt (not provided) and a  $\frac{1}{4}$ " washer (F)  $\frac{3}{4}$  of the way into the drilled hole (leaving approximately  $\frac{1}{4}$ " (6 mm) of the bolt protruding from the wall).
3. Team lift your frame (B) and work the bolt and washer on the wall through the top keyhole (top-left keyhole on the 2- and 4-bay models) on the frame.

**NOTE:** The frame top and bottom are identical and, therefore, reversible.

4. Using the bolt as an anchor point and a level on the top center of your frame (B), carefully slide the frame into your desired position and make adjustments as necessary.
5. With the frame still in position, use a pencil to mark the remaining keyhole slot locations on the wall, in line with the nearest wall studs, based on 1-, 2-, or 4-bay models, as shown. (FIGURE J)

**NOTE:**

- Keyhole slot locations must align with wall studs as indicated for proper support.
- If your installation requires additional measurements and frame details, refer to the technical specification (96\_01258\_C3) at [www.middleatlantic.com](http://www.middleatlantic.com).



## SECURING THE FRAME TO A WALL WITH WOOD STUDS (CONTINUED)



**WARNING:** Total keyhole slot locations specified in these instructions are the minimum anchor points required when securing the frame to the wall.

**AVERTISSEMENT:** Les emplacements de serrure totaux spécifiés dans ces instructions sont les points d'ancrage minimum requis lors de la fixation du cadre au mur.

6. Without removing the bolt and washer on the wall from step 2 (previous), team lift and remove the frame (B) from the wall and carefully set it aside.
7. Use power driver and 3/32" drill bit to drill hole locations marked on the wall from step 5 (previous).
8. Team lift your frame (B) again and work the lag bolt and washer on the wall through the top keyhole (top-left keyhole on the 2- and 4-bay models) on the frame.

**NOTE:** The frame top and bottom are identical and, therefore, reversible.

9. Using the lag bolt as an anchor point, carefully slide the frame keyhole slots in line with all the drilled holes.
10. Use a 7/16" socket to partially screw remaining 1/4" x 2 1/2" lag bolts (not provided) and 1/4" washers (F) approximately 3/4 of the way through the keyhole slots on the frame and into the drilled holes.
11. Place a level on the top center of your frame and make any final adjustments before carefully tightening all of the lag bolts. Do not overtighten.

## SECURING THE FRAME TO A SOLID CONCRETE WALL

**NOTE:** When securing your frame to a solid concrete wall, you must provide your own concrete anchors that support the weight ratings specified in "Weight Ratings" on page 5.

Secure your frame (B) to a solid concrete wall by using a procedure similar to "Securing Your Frame to a Wall With Steel Studs or Cinderblocks" on page 11.

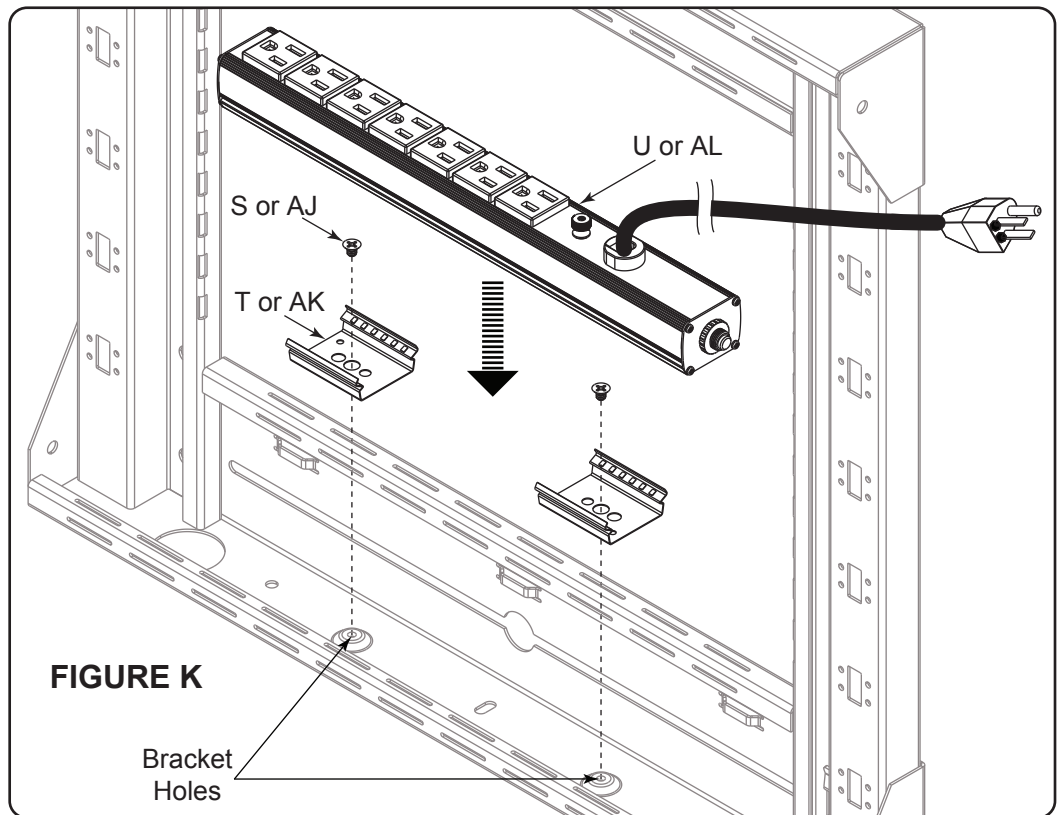
## INSTALLING THE POWER STRIP INSIDE THE FRAME FOR RACK OPTIONS

### NOTE:

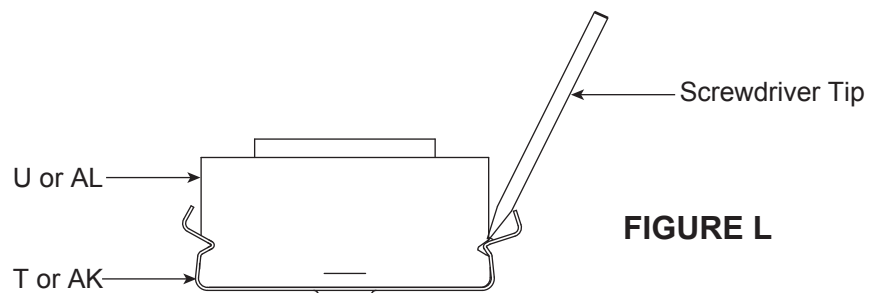
- The power strip (U or AL), is installed using (2x) power mounting clips (T or AK), and (2x) 10-32 x 1/4" flat head screws (S or AJ) as part of both the Slide-Out Rack (C3-TECHKIT4-SO) and Fixed Rack (C3-TECHKIT4-ST) options. The procedure is the same when installing either option.
- Consider power receptacles on the wall and power requirements when deciding which bay (for 2- and 4-bay models) to install your power strip.
- If using power driver, verify the torque is on the lightest setting and only increase as necessary.
- Use power driver or screwdriver and a flat head screw (S or AJ) to secure each power mounting clip (T or AK) to the bracket holes on the bottom of the frame. **(FIGURE K)**

### NOTE:

- Set power strip (U or AL) aside and only install after woodkit is installed on the frame. Install by pushing strip into power mounting clips (T or AK) until it snaps into place.
- Use a rubber mallet and gently tap the power strip into the power mounting clips, if needed.



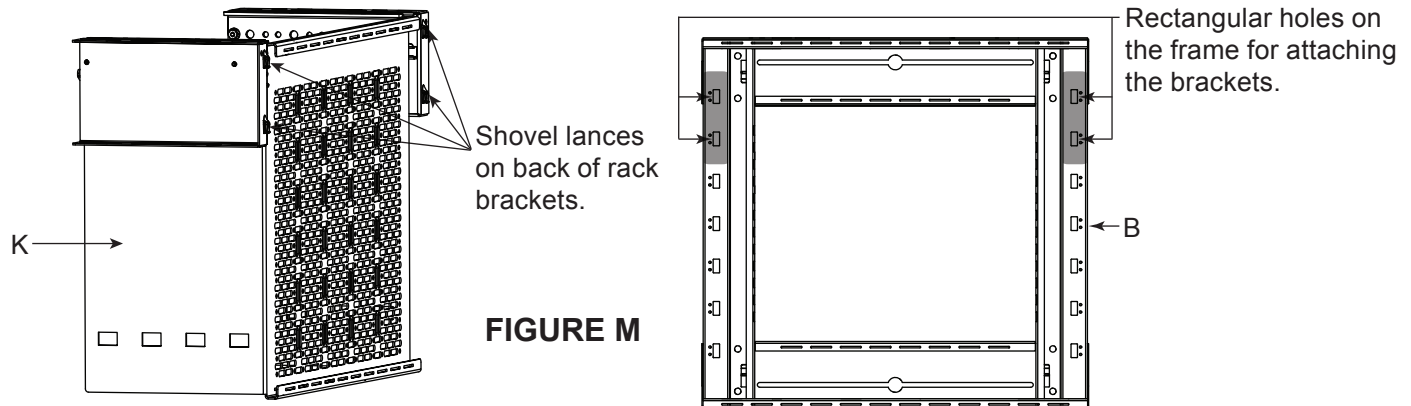
**TIP:** Remove the power strip (U or AL) from the power mounting clips (T or AK) by wedging a flat head screwdriver between the side of the power strip and mounting clip, and gently pry them from each other as shown. **(FIGURE L)**



## INSTALLING THE SLIDE-OUT RACK OPTION (C3-TECHKIT4-SO)

**TIP:** After installing the slide-out rack option, you can remove the rack from the sliders, dress your rack on a close bench or table, and then re-attach your rack onto the sliders. Remove the slide-out rack from the sliders using the first step in “Installing Lever Lock™ Option (LLOCKSWRF-KIT) Inside Slide-Out Rack Option” on page 18.

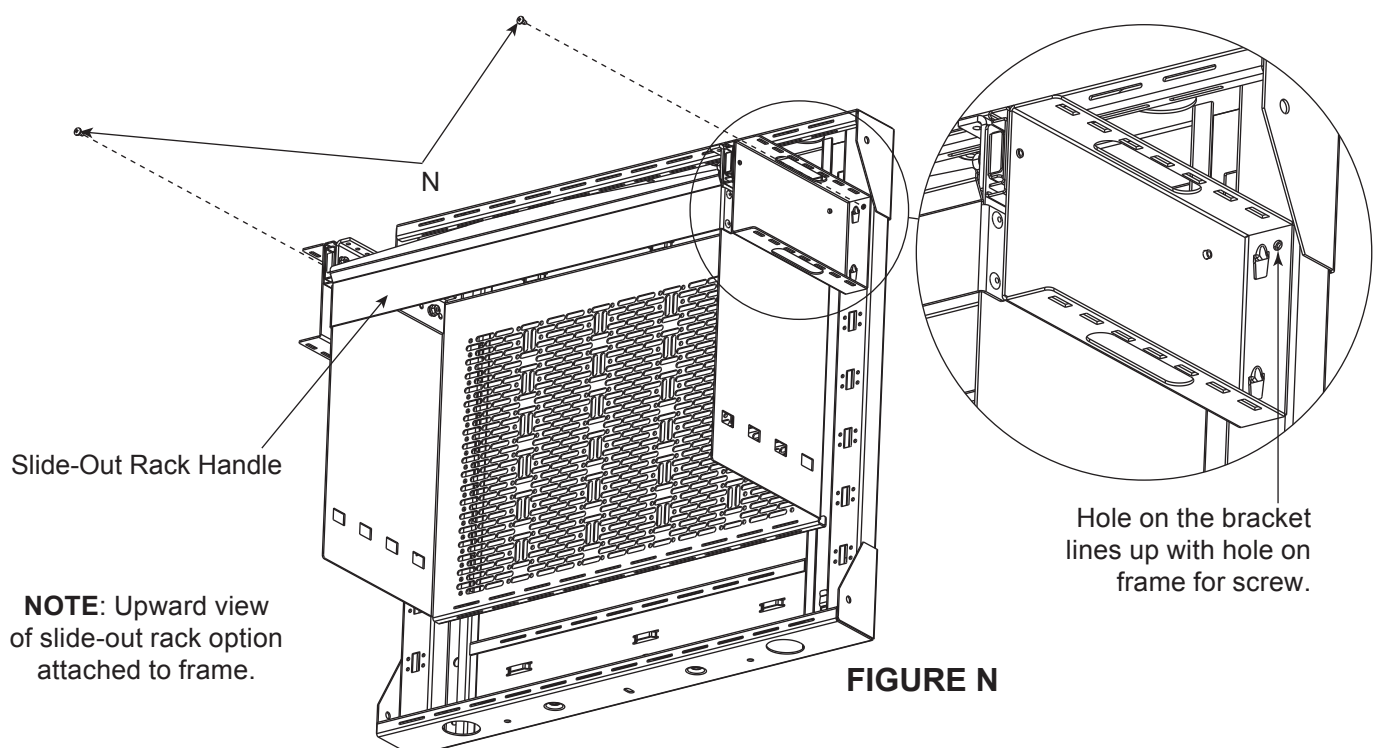
1. Install the power strip inside of the frame as explained in “Installing the Power Strip Inside the Frame for Rack Options” on page 15.
2. Hook the shovel lances on the brackets of the partially pre-assembled slide-out rack (K) into the rectangular set of holes on the frame (B, shaded) as shown. **(FIGURE M)**



3. With the shovel lances hooked in the holes, push downward on the brackets until the rack locks into place.

**NOTE:** Verify the torque on your power driver is on the lightest setting and only increase as necessary.

4. Use a power driver, #2 Phillips bit, and (2x) 8-32 x 5/16" thread forming screws (N) to secure the rack's brackets to the frame as shown. **(FIGURE N)**



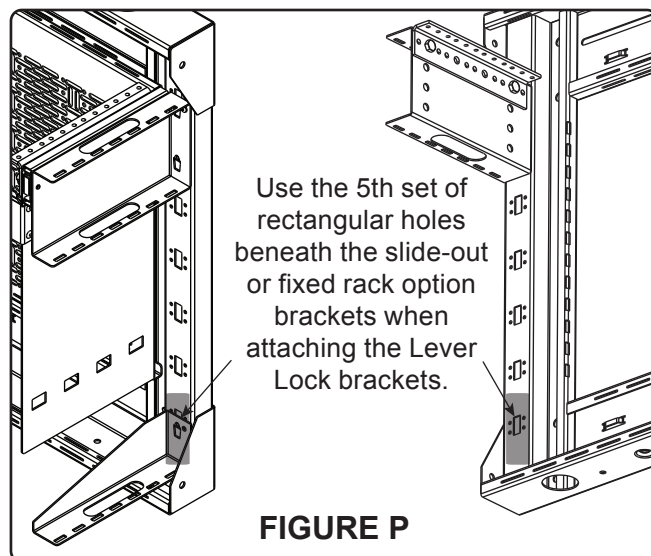
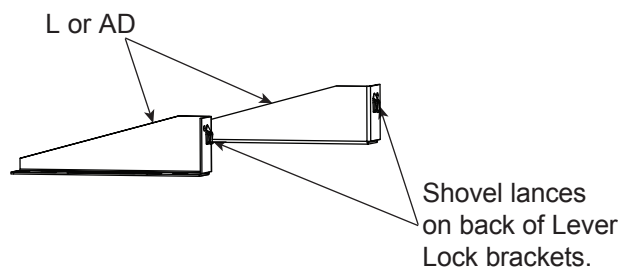
## INSTALLING LEVER LOCK™ BRACKETS OUTSIDE OF RACK OPTIONS

### NOTE:

- Lever Lock™ brackets are installed outside of both the Slide-Out Rack (C3-TECHKIT4-SO) and Fixed Rack (C3-TECHKIT4-ST) options. This topic shows the Slide-Out Rack, but the procedure is the same for the Fixed Rack.
- Lever Lock brackets (L or AD) and 8-32 x 5/16" thread forming screws (N or AF) are provided for both the Slide-Out Rack (C3-TECHKIT4-SO) and Fixed Rack (C3-TECHKIT4-ST) options.

1. Hook the shovel lances on the Lever Lock brackets (L or AD) into the 5th set of rectangular holes on the frame (shaded) beneath the slide-out or fixed brackets as shown.

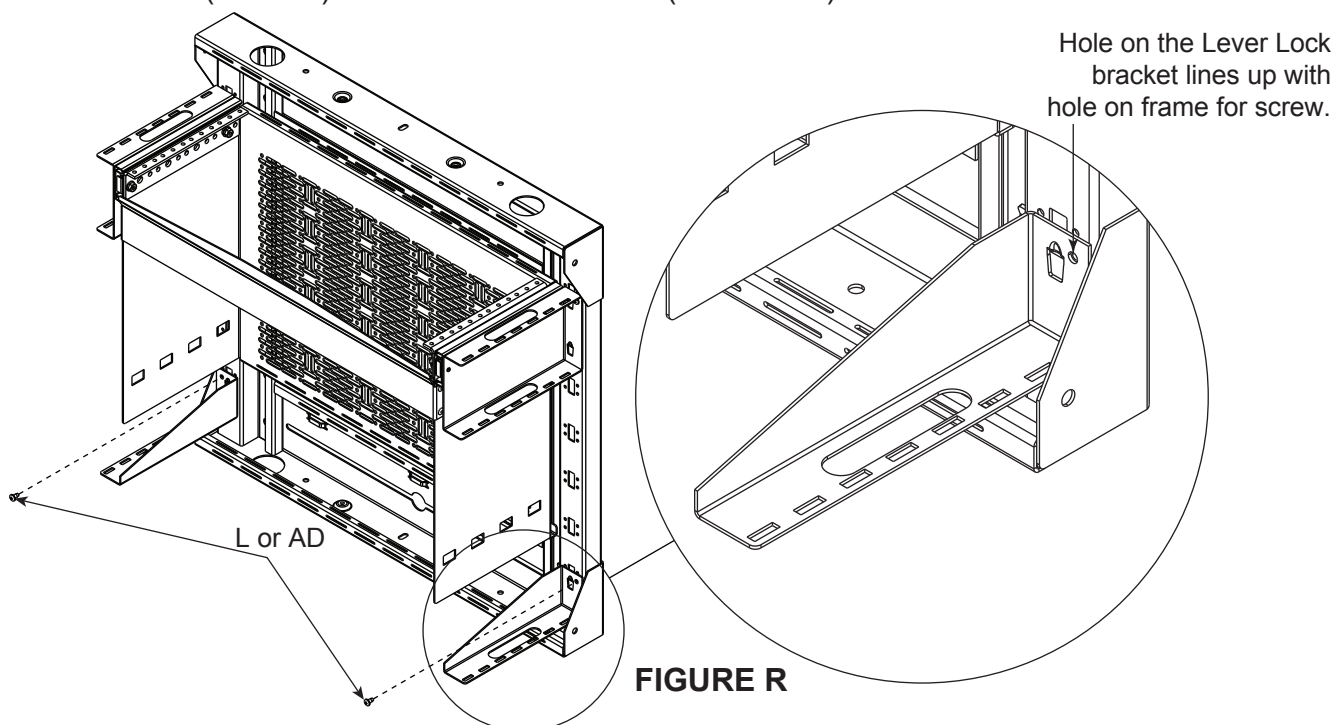
(FIGURE P)



2. With the shovel lances hooked in the holes, push downward on the brackets until they lock into place.

**NOTE:** Adjust torque on power driver to lightest setting and increase as needed.

3. Use a power driver, #2 Phillips bit, and (2x) 8-32 x 5/16" thread forming screws (N or AF) to secure the Lever Lock brackets (L or AD) to the frame as shown. (FIGURE R)

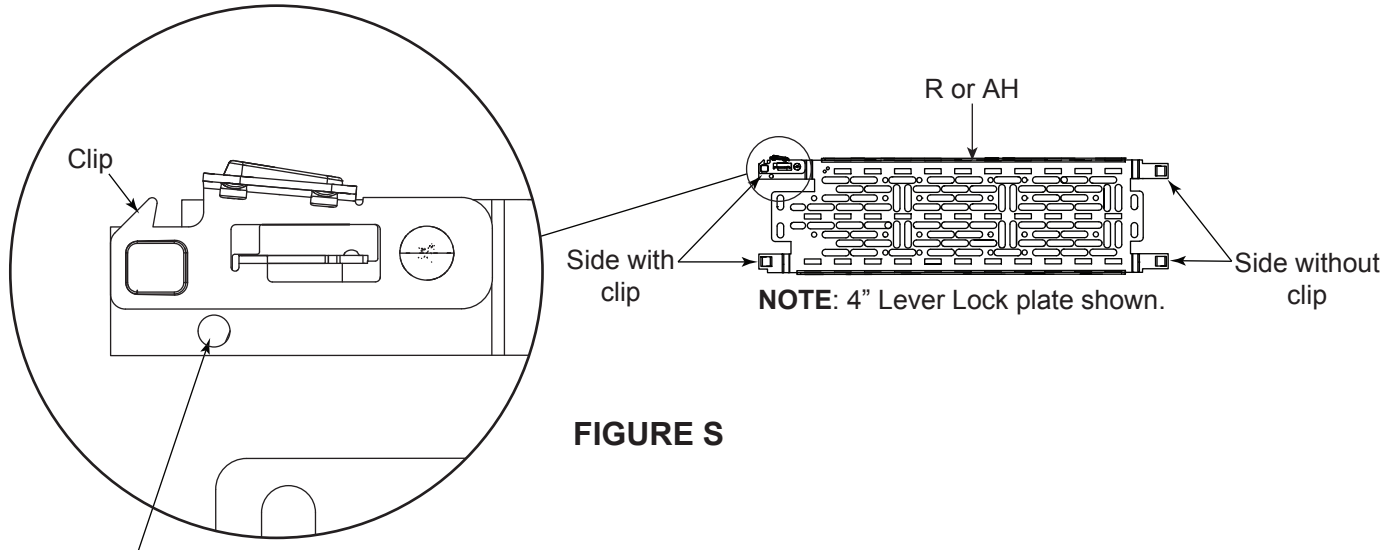




## INSTALLING LEVER LOCK PLATES OUTSIDE OF RACK OPTIONS

**NOTE:** 4" Lever Lock plate (R or AH) are provided for both the Slide-Out Rack (C3-TECHKIT4-SO) and Fixed Rack (C3-TECHKIT4-ST) options.

- Attach the 4" Lever Lock plate (R or AH) by installing the side without the clip into the brackets first. Then, install the side with the clip until it clicks into place. (**FIGURE S**)



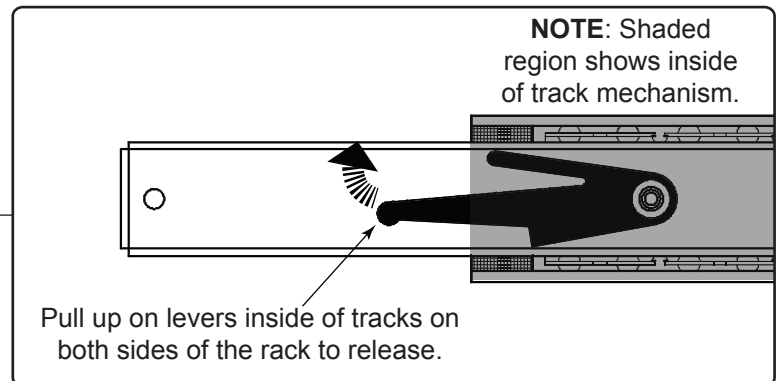
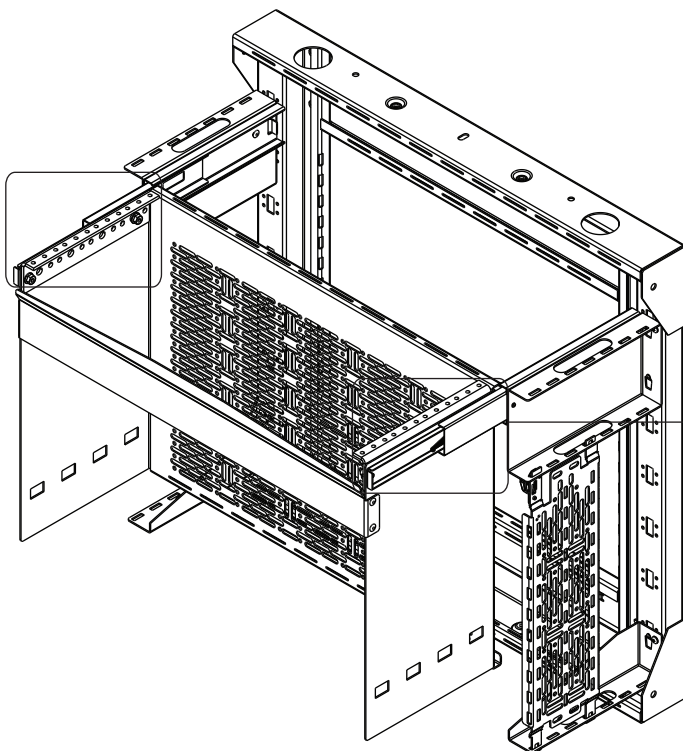
**NOTE:** Install plastic securing rivet (M or AE) into hole to secure the clip more permanently, if desired.

**NOTE:** The (20x) Lever Lock plate washers (P or AG) are provided for equipment mounting convenience.

## INSTALLING LEVER LOCK OPTION (LLOCKSWRF-KIT) INSIDE SLIDE-OUT RACK OPTION

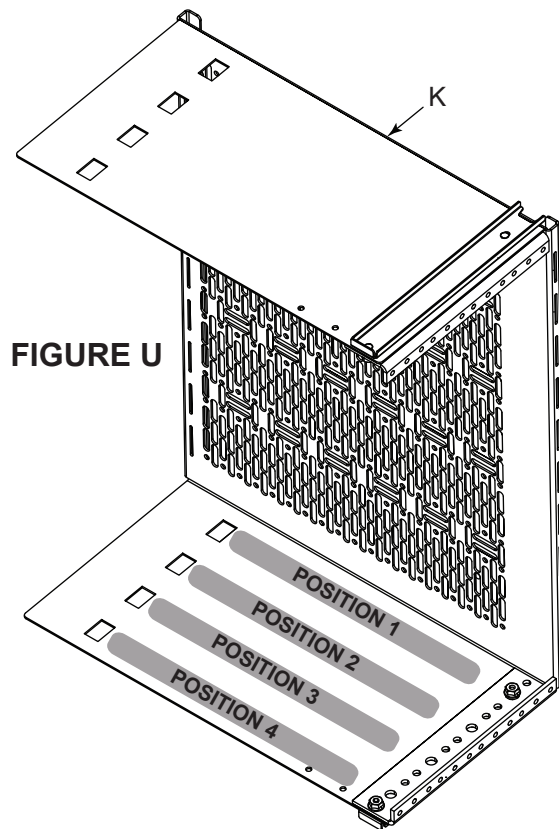
**NOTE:** The Lever Lock option requires the purchase of the Slide-Out Rack Option (C3-TECHKIT4-SO).

1. Remove your slide-out rack (K) from the brackets by pulling the rack into the open position, pulling up on the levers inside of the tracks, and carefully lifting the rack off the brackets. (**FIGURE T**)



## INSTALLING LEVER LOCK OPTION INSIDE SLIDE-OUT RACK (CONTINUED)

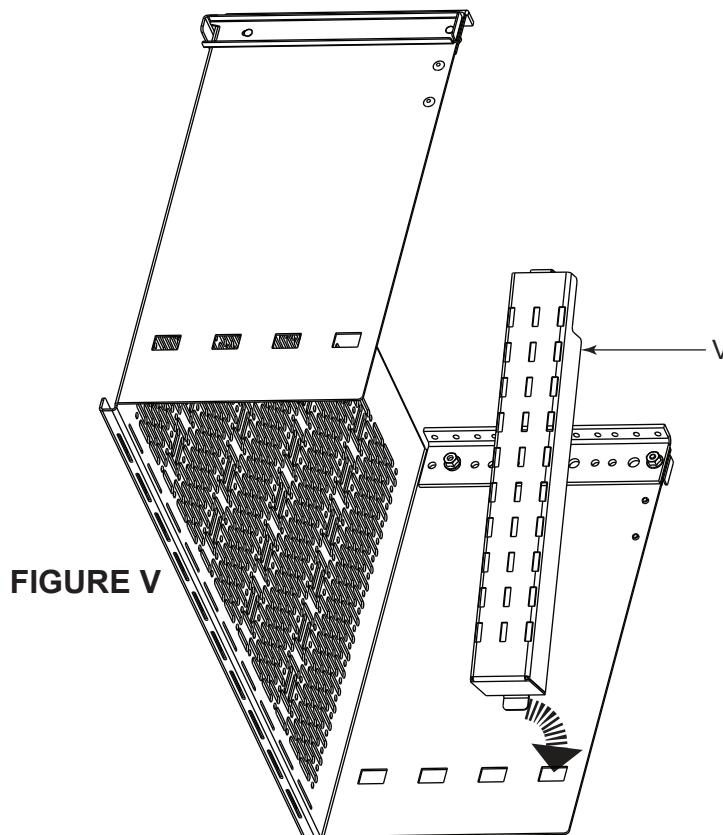
2. Choose from the following positions to install your Lever Lock adapter bracket (V) into the slide-out rack (K). (**FIGURE U**)



**FIGURE U**

**NOTE:** Rack isolated and handle removed for clarity.

3. Insert the tab on the end of the Lever Lock adapter bracket (V) into the opening of your selected position. (**FIGURE V**)

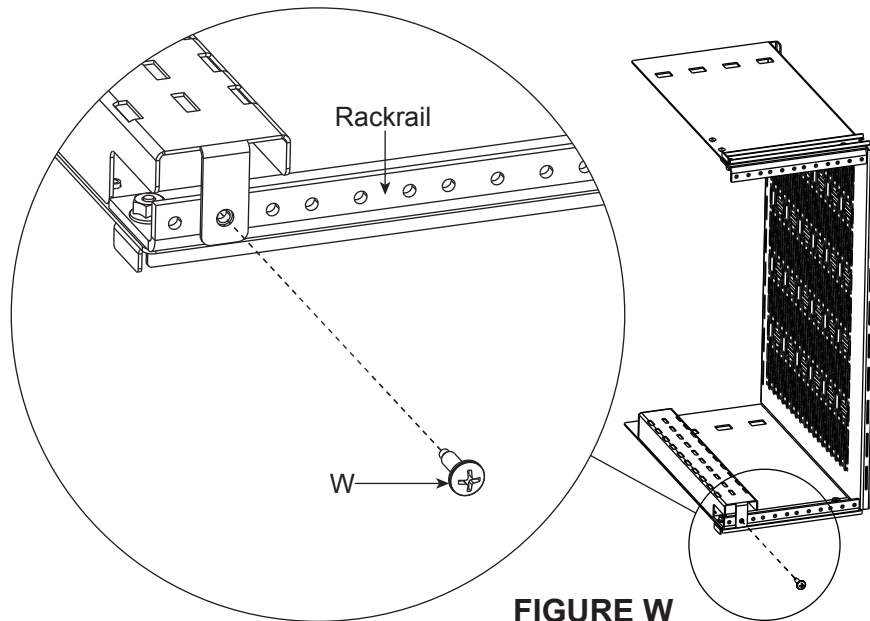


**FIGURE V**

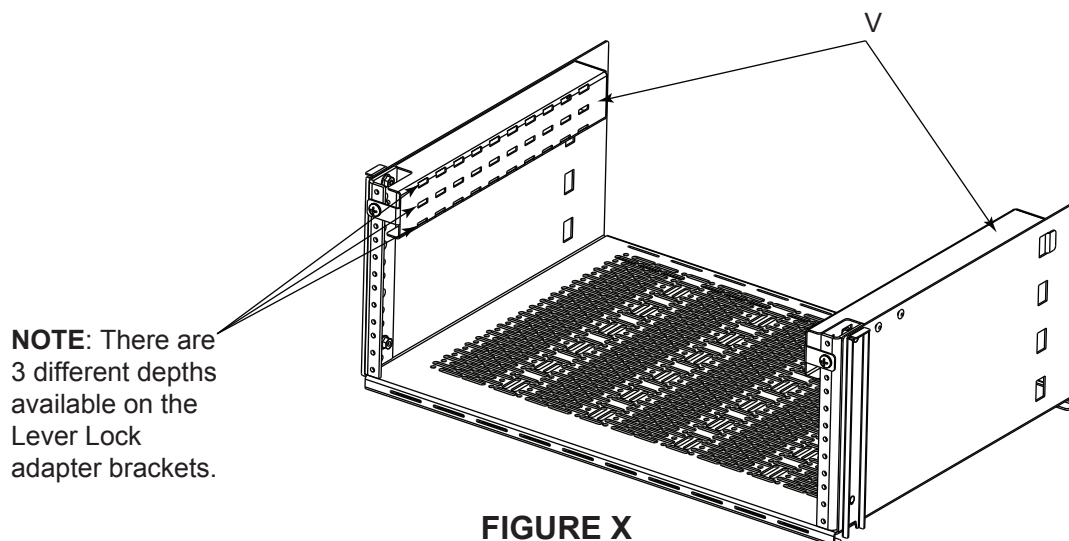
## INSTALLING LEVER LOCK OPTION INSIDE SLIDE-OUT RACK (CONTINUED)

**NOTE:** Verify the torque on your power driver is on the lightest setting and only increase as necessary.

4. Use a power driver and a 10-32 x  $\frac{3}{4}$ " truss screw with washer (W) to secure the Lever Lock adapter bracket to the rackrail. (**FIGURE W**)



5. Repeat the process to install the second Lever Lock adapter bracket (V) in the same position as the first, but on the opposite side of the rack. (**FIGURE X**)

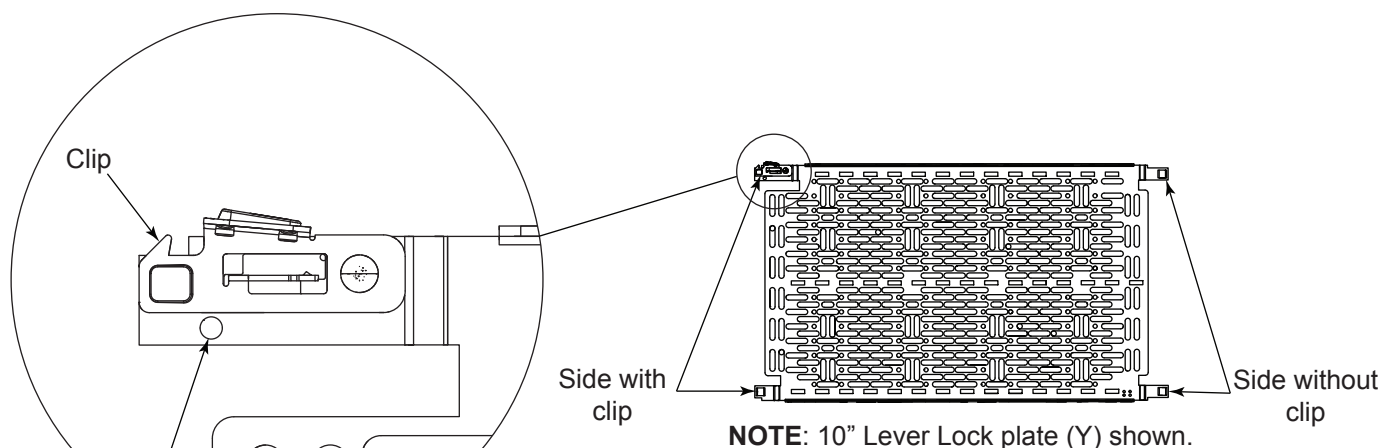


**FIGURE X**



## INSTALLING LEVER LOCK OPTION INSIDE SLIDE-OUT RACK (CONTINUED)

6. Attach the 2" and/or 10" Lever Lock plate (X and Y, respectively) by installing the side without the clip into the brackets first. Then, install the side with the clip until it clicks into place. (**FIGURE Y**)

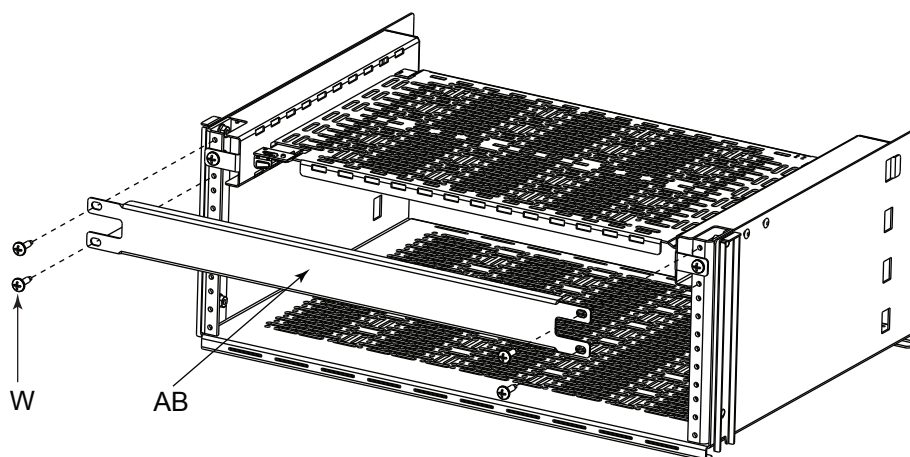


**FIGURE Y**

### **NOTE:**

- The Lever Lock plates may be installed on the brackets at different depths. (**FIGURE X**)
- All 4 corners of the Lever Lock plates must be inserted into the brackets at the same depth in order to function correctly.
- (20x) Lever Lock plate washers (AA) are provided for equipment mounting convenience.

7. Use (4x) 10-32 x  $\frac{3}{4}$ " truss screws with washers (W) to secure the face after panel (AB) to the rack as shown. (**FIGURE Z**)

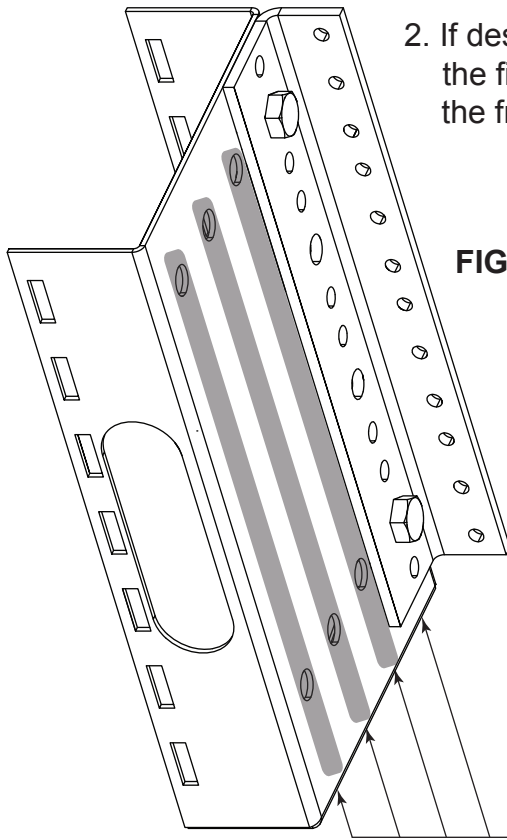


**FIGURE Z**

## INSTALLING THE FIXED RACK OPTION (C3-TECHKIT4-ST)

1. Install the power strip inside the frame as explained in “Installing the Power Strip Inside the Frame for Rack Options” on page 15.

2. If desired, use a 7/16” wrench to re-position the rackrails on the fixed rackrail brackets (AC) prior to installing them onto the frame. (**FIGURE AA**)

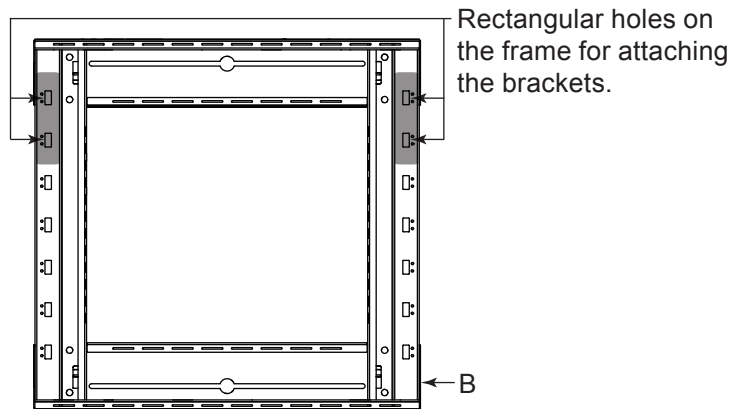
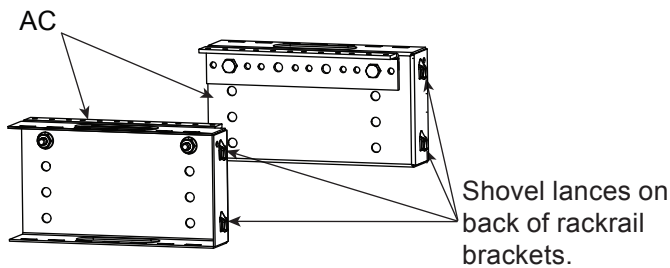


**FIGURE AA**

**NOTE:**

- Rackrail may be re-positioned to any of the 3 additional depths (shaded). This may help increase knob and handle clearance on some equipment when mounted.
- Both rackrails on left and right fixed brackets must be on the same depth level in order to function properly.

3. Hook the shovel lances on the fixed rackrail brackets (AC) into the rectangular set of holes on the frame (B, shaded) as shown. (**FIGURE AB**)



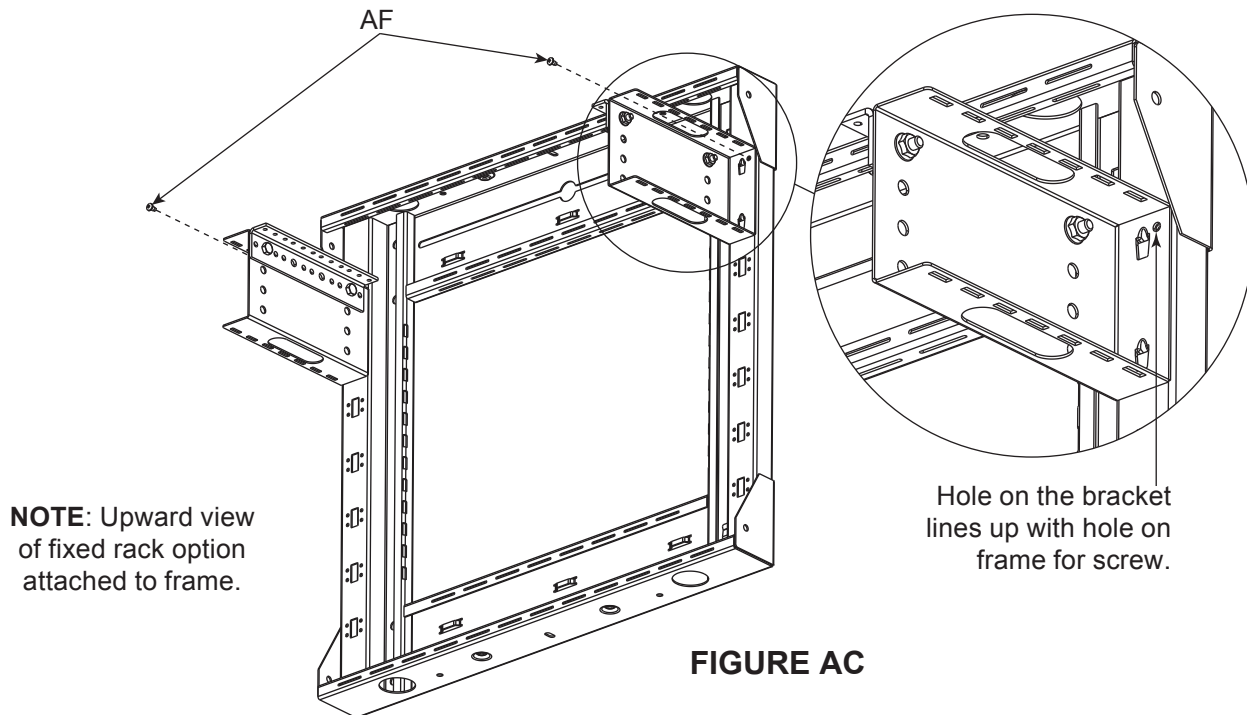
**FIGURE AB**

4. With the shovel lances hooked in the holes, push downward on the rackrail brackets until they lock into place.

## INSTALLING THE FIXED RACK OPTION (C3-TECHKIT4-ST, CONTINUED)

**NOTE:** Verify the torque on your power driver is on the lightest setting and only increase as necessary.

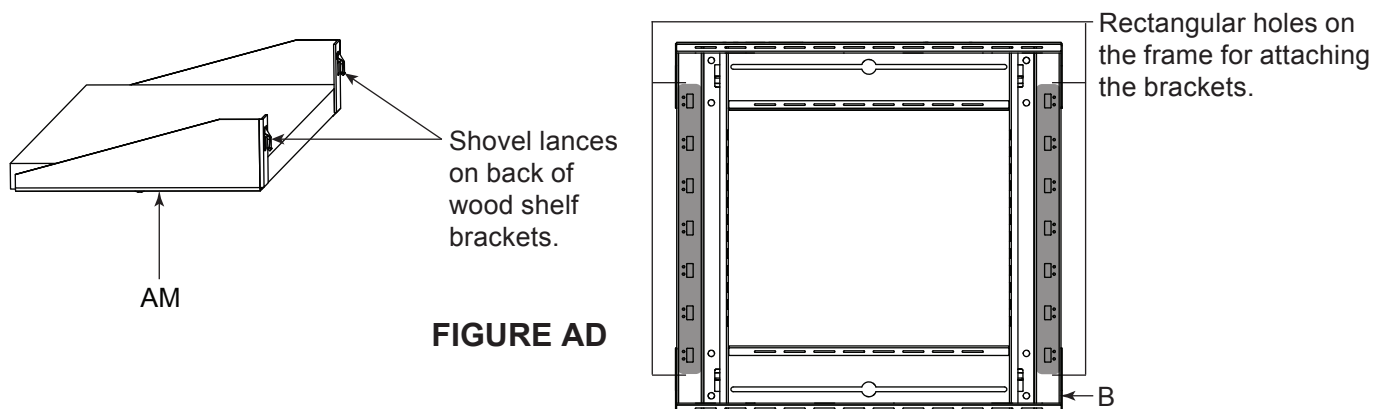
5. Use a power driver, #2 Phillips bit, and (2x) 8-32 x 5/16" thread forming screws (AF) to secure the fixed rackrail brackets to the frame as shown. **(FIGURE AC)**



6. Install the Lever Lock brackets as explained in "Installing Lever Lock Brackets Outside of Rack Options" on page 17.
7. Install the Lever Lock plates as explained in "Installing Lever Lock Plates Outside of Rack Options" on page 18.

## INSTALLING THE SHELF KIT OPTION (C3-SHELFKIT)

1. Hook the shovel lances on one of the wood shelves with pre-assembled brackets (AM) into the rectangular set of holes on the frame (B, shaded) as shown. **(FIGURE AD)**

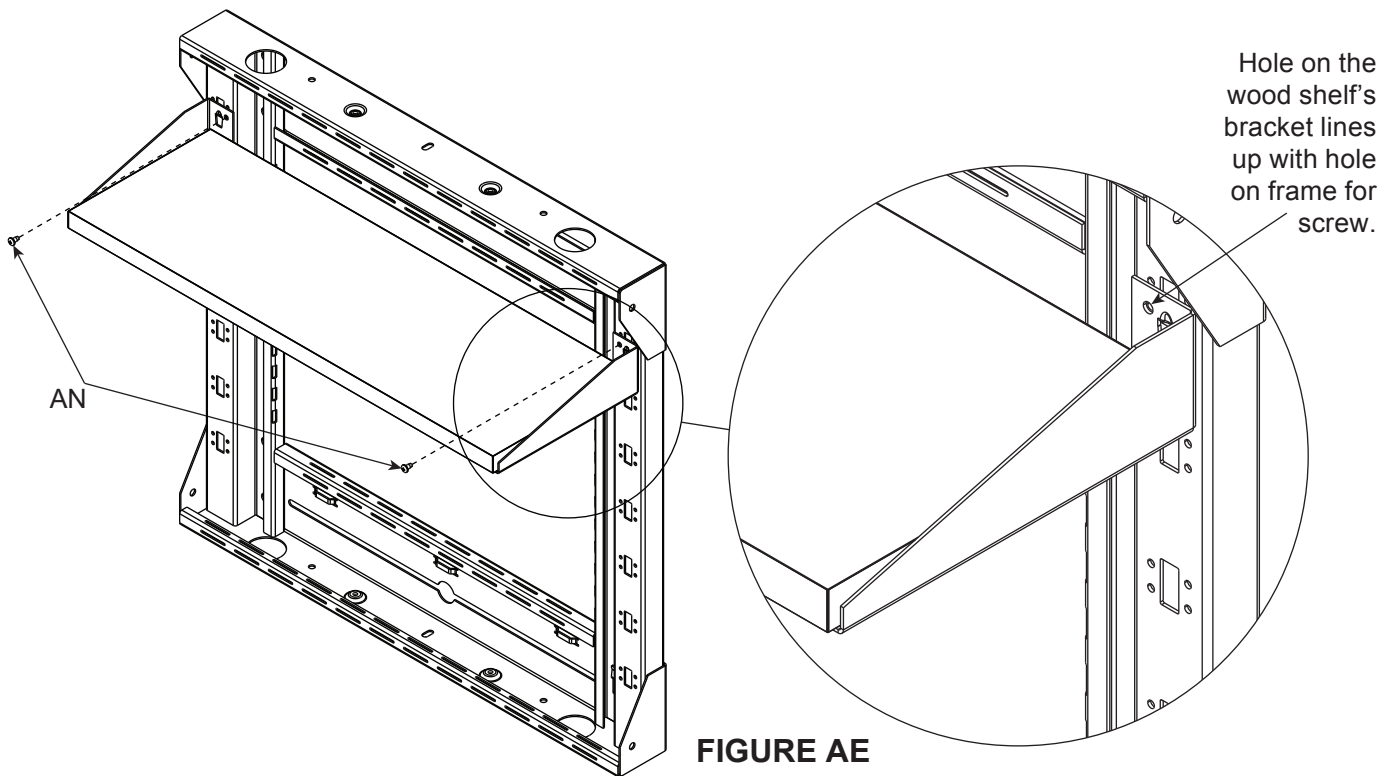


2. With the shovel lances hooked in the holes, push downward on the wood shelf brackets until they lock into place.

## INSTALLING THE SHELF KIT OPTION (C3-SHELFKIT, CONTINUED)

**NOTE:** Verify the torque on your power driver is on the lightest setting and only increase as necessary.

3. Use a power driver, #2 Phillips bit, and (2x) 8-32 x 5/16" thread forming screws (AN) to secure the wood shelf brackets to the frame as shown. (**FIGURE AE**)



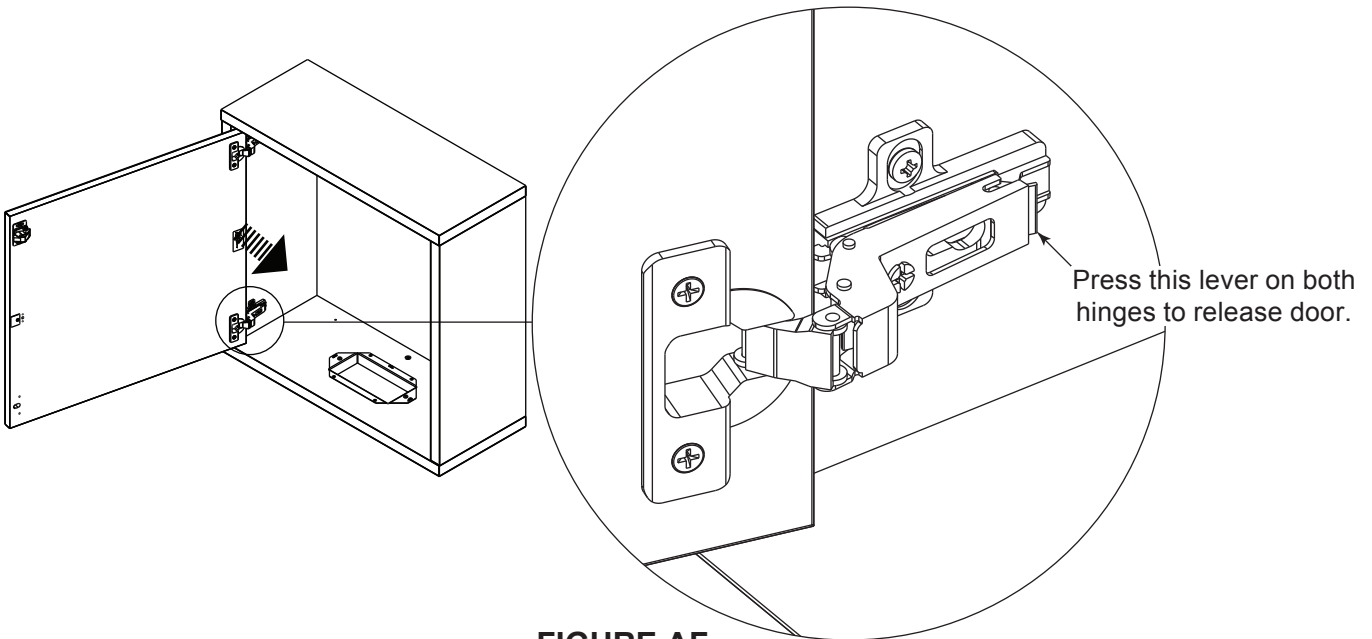
4. Repeat the process to install the second wood shelf (AM) into a different set of rectangular holes on the frame.

## REMOVING PRE-INSTALLED DOOR(S) FROM THE WOODKIT

### NOTE:

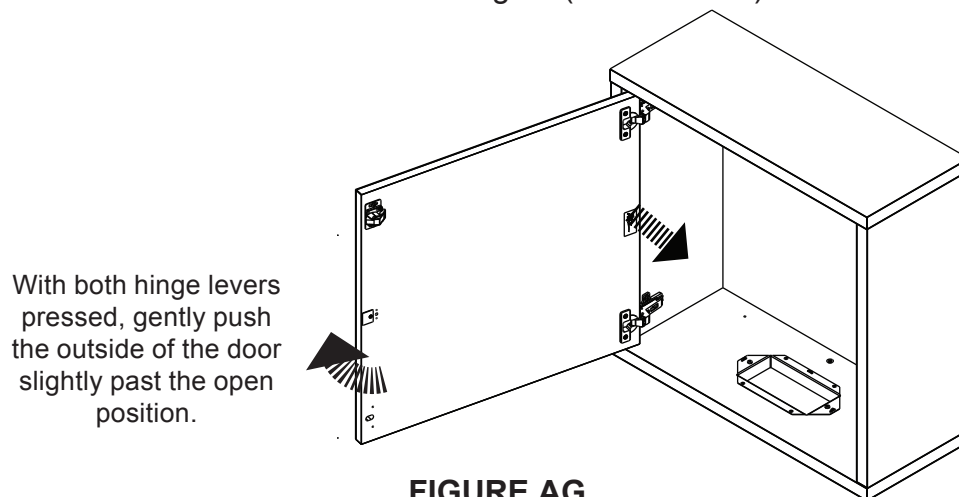
- For ease of woodkit (A) installation, we recommend removing the doors first as shown in this procedure.
- When removing doors from a 4-bay model, keep track of which bay each door came from for easy reinstallation as the inner doors differ from the outer doors.

1. Carefully remove your woodkit (A) from the packaging and place in an upright position on floor or stable platform.
2. Remove the pre-installed door (or doors on 2- and 4-bay models) from the main woodkit by opening the door, pressing the levers on the hinges, and carefully pulling inward as shown. (**FIGURE AF**)



**FIGURE AF**

**TIP:** If the door does not come off the hinges easily, make sure both top and bottom hinge levers are fully pressed. Then, gently push the outside of the door slightly past the open position. This forces the inside of the door inward and should release the hinges. (**FIGURE AG**)



**FIGURE AG**

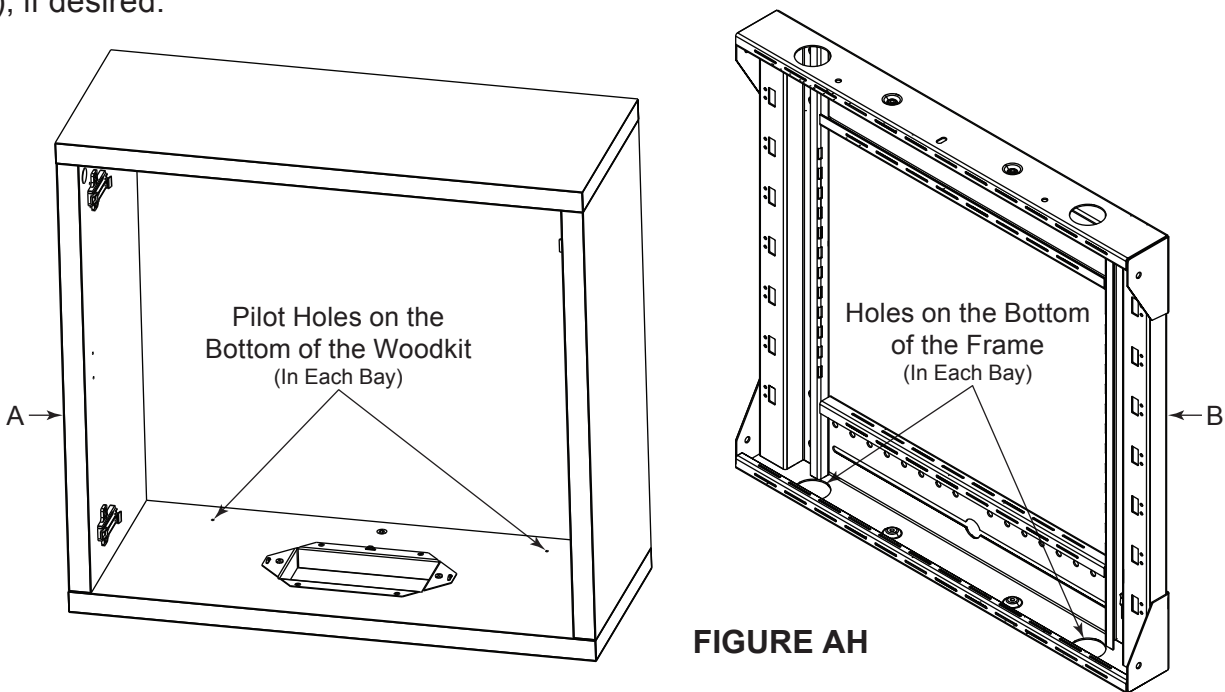
3. Carefully set aside removed door (or doors on 2- and 4-bay models).

**NOTE:** When removing doors from a 4-bay model, keep track of which bay each door came from for easy reinstallation as the inner doors differ from the outer doors.

## INSTALLING THE GROMMETS (OPTIONAL)

1. Determine the desired locations for your grommets (G) on the woodkit (A). (**FIGURE AH**)

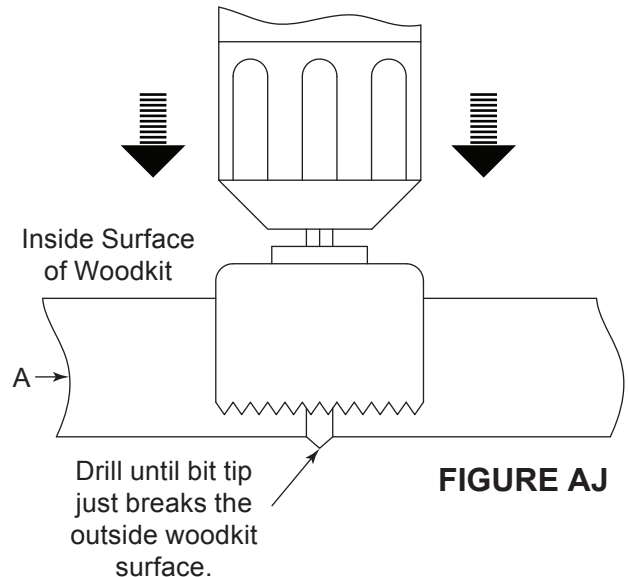
**NOTE:** While you may install the grommets in any location where you would like cables to exit the woodkit (A), pilot holes are located on the bottom inside to easily align with the existing holes in the frame (B), if desired.



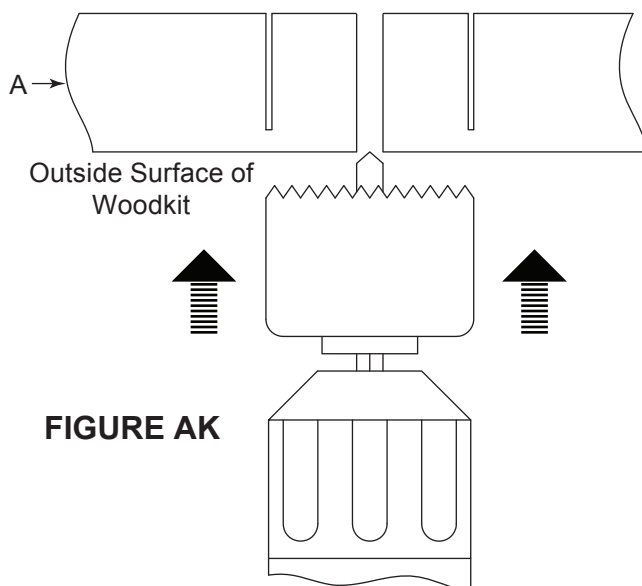
**FIGURE AH**

**NOTE:** This specific cutting procedure should be followed carefully to avoid any chipping or splintering on your woodkit (A).

2. Use power driver and the drill bit tip on a 1½" hole saw to partially drill through the woodkit from the pilot holes (or your desired locations) on the inside of the woodkit (A) as shown. (**FIGURE AJ**)



**FIGURE AJ**

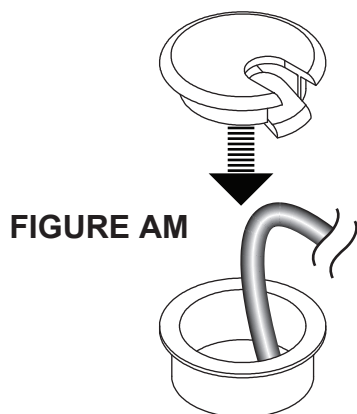


**FIGURE AK**

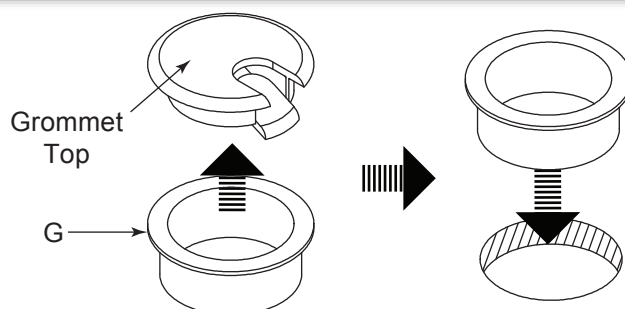
3. Use power driver and hole saw to carefully finish the grommet hole cut(s) from the outside of your woodkit (A) as shown. (**FIGURE AK**)

## INSTALLING THE GROMMETS (OPTIONAL, CONTINUED)

- Separate the tops from the grommets (G) and place the grommets into the holes as shown. (**FIGURE AL**)



**FIGURE AM**



**FIGURE AL**

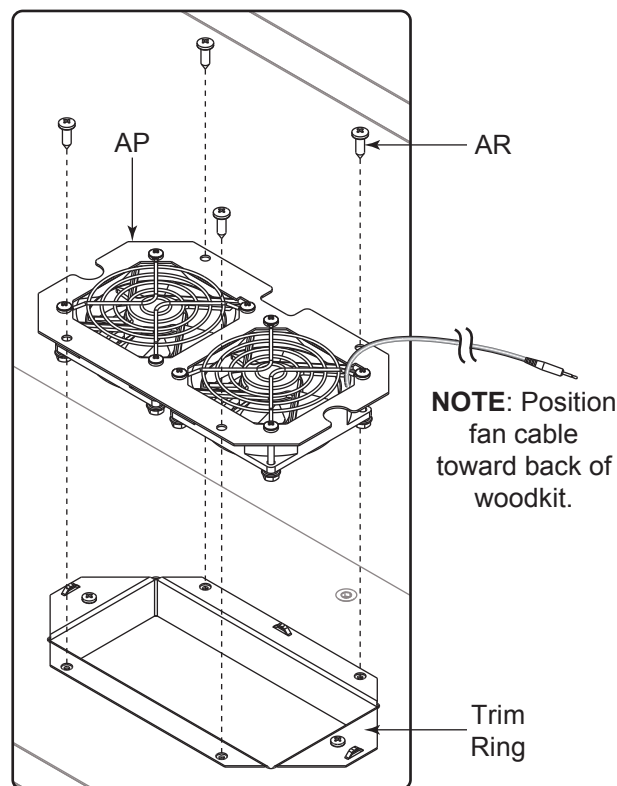
- Save the grommet tops to install as shown, if desired, after completing the rest of the topics in this instruction sheet and running any cabling through the grommets as needed. (**FIGURE AM**)

## INSTALLING THE FAN OPTION (C3-FANKIT) TO THE WOODKIT

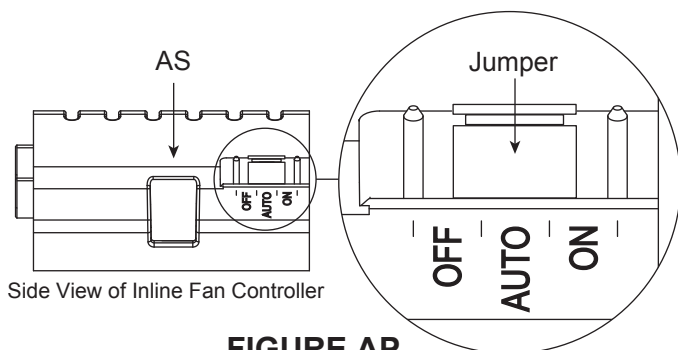
- Use power driver and Phillips bit to remove (4x) pre-installed fan mounting screws (AR) from the trim ring.
- Place fan (AP) into fan hole (or desired fan hole for 2- and 4-bay models) on the bottom of the woodkit (A).

**NOTE:** Verify the torque on your power driver is on the lightest setting and only increase as necessary.

- Use the (4x) fan mounting screws (AR) to install the fan with the cable positioned toward the back of the woodkit as shown. (**FIGURE AN**)
- Install the jumper on the inline fan controller (AS) for one of the following functions:
  - Jumper on two center pins (pre-installed location) turns the fan on at 87° F (31° C) and off at 85° F (29° C). (**FIGURE AP**)
  - Jumper on two left pins, fan will remain off.
  - Jumper on two right pins, fan will remain on.



**FIGURE AN**

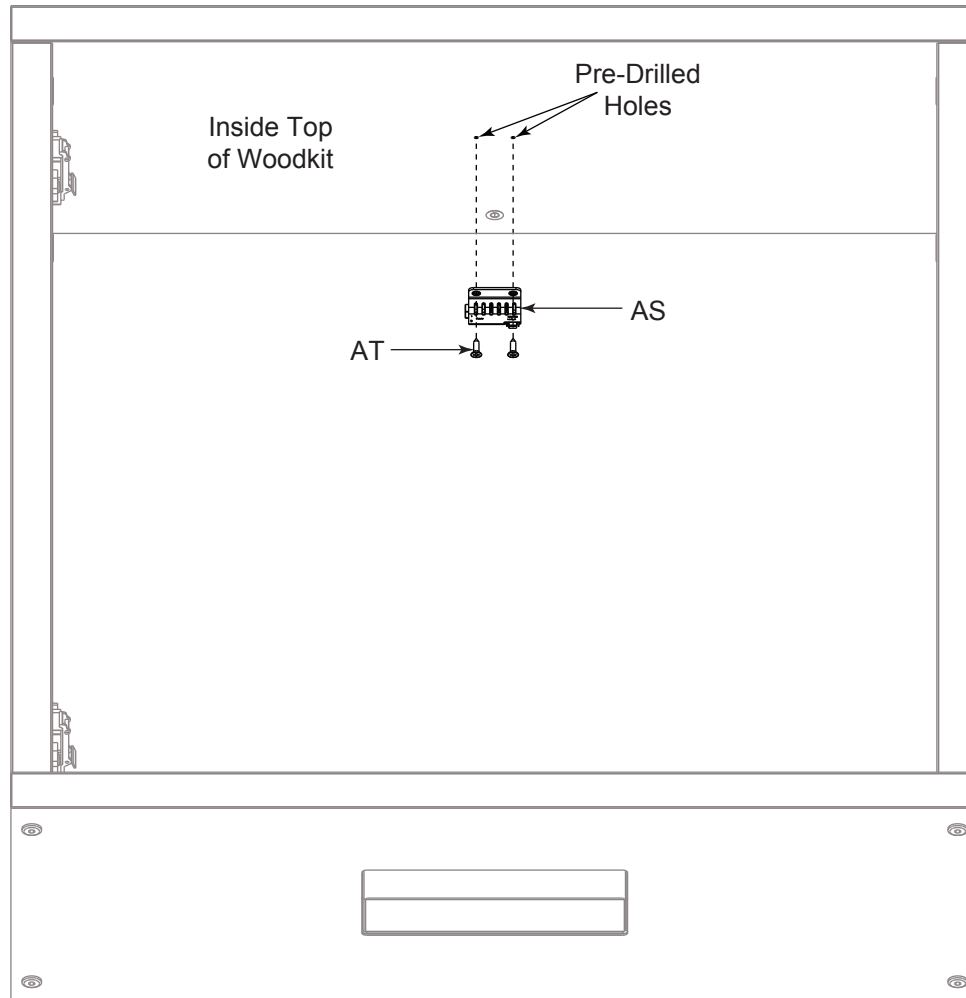


**FIGURE AP**

## INSTALLING THE FAN OPTION (C3-FANKIT) TO THE WOODKIT (CONTINUED)

5. Use (2x) #6 x 3/8" fan controller mounting screws (AT) to mount the inline fan controller (AS) at the location of the pre-drilled holes on the inside top of the woodkit (A). (**FIGURE AR**)

**NOTE:** Upward view of 1-bay woodkit.

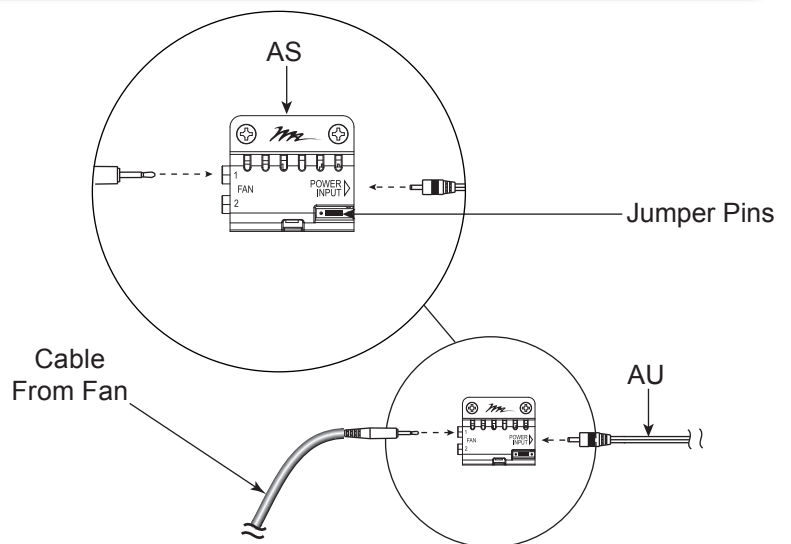


**FIGURE AR**



## INSTALLING THE FAN OPTION (C3-FANKIT) TO THE WOODKIT (CONTINUED)

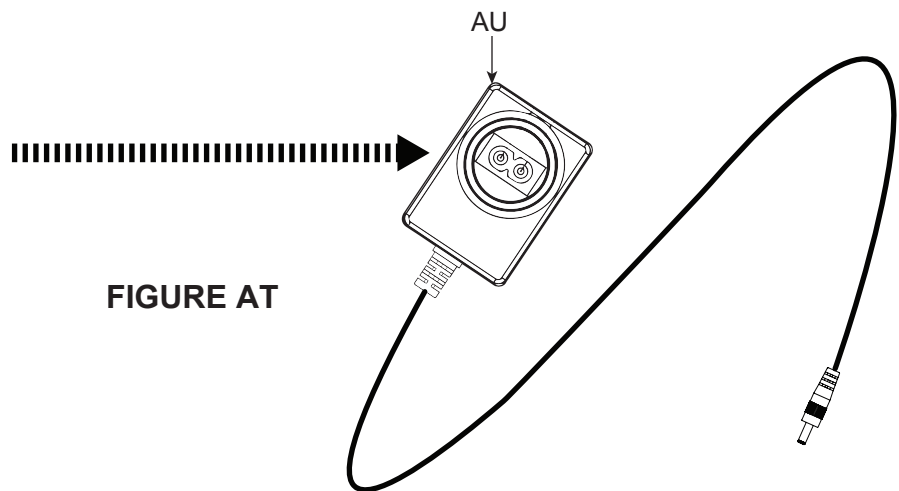
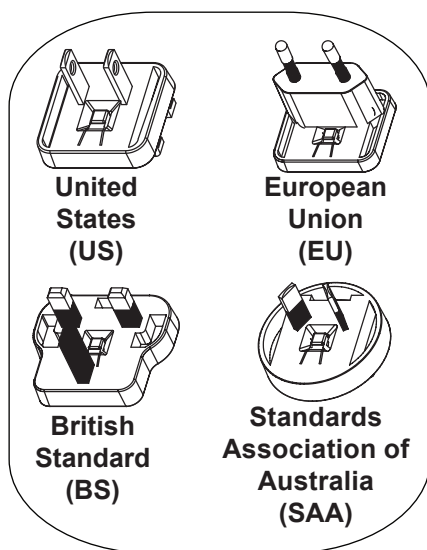
6. Run the cable from the fan to the inline fan controller (AS). (Inputs 1 and 2 are interchangeable.) (**FIGURE AS**)
7. Connect the small end of the global power supply (AU) to input on inline fan controller (AS).



**FIGURE AS**

8. Fasten the connector for your specific locale to the large end of the global power supply (AU) as shown. (**FIGURE AT**)

**NOTE:** Attachments for US, EU, BS, and SAA are provided with the global power supply.



**FIGURE AT**

9. After completing the rest of the topics in this instruction sheet, connect the global power supply (AU) to the power strip (U or AL) or other power source.

**NOTE:** Wire ties (AV) are provided for cable management.

## ATTACHING THE WOODKIT TO THE FRAME

1. Team lift the woodkit (A, oriented as shown with the fan opening(s) on the bottom) and carefully attach it to the frame (B). (**FIGURE AU**)

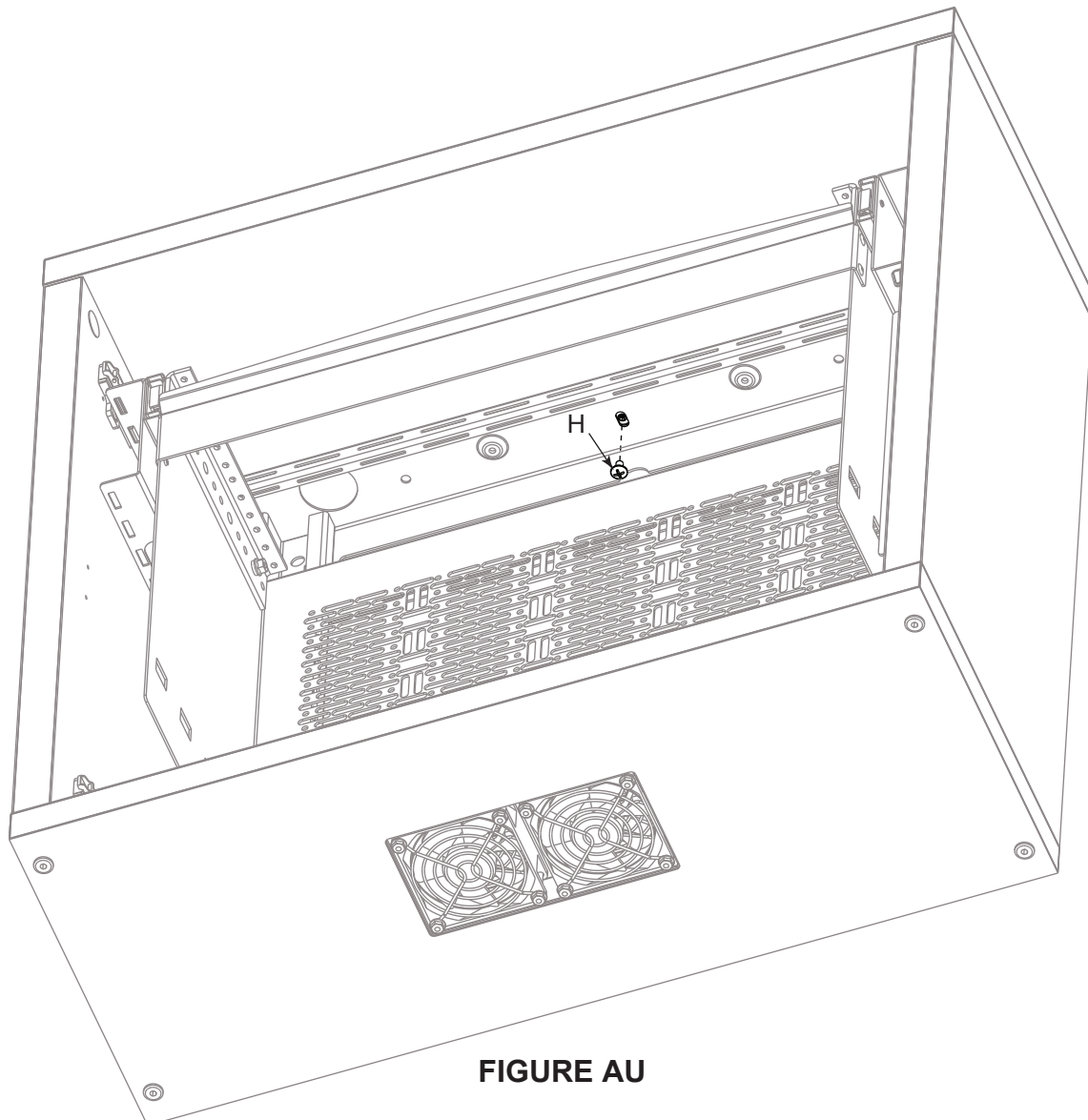
### NOTE:

- Be careful not to pinch any cables while securing the woodkit to the frame.
- Verify the torque on your power driver is on the lightest setting and only increase as necessary.
- You may have to temporarily remove any installed rack options and shelves when attaching the woodkit to the frame.

2. While holding your woodkit in place on the frame, use a power driver, #2 Phillips bit, and 10-32 x 3/8" machine screw(s) (H) to secure the top of your frame to the top of the woodkit as shown. Do not overtighten. (**FIGURE AU**)

### NOTE:

- The 10-32 x 3/8" machine screw(s) must be used in each bay to properly secure the top of your frame to the top of the woodkit.
- The following figure is an upward view attaching a 1-bay woodkit to its frame.

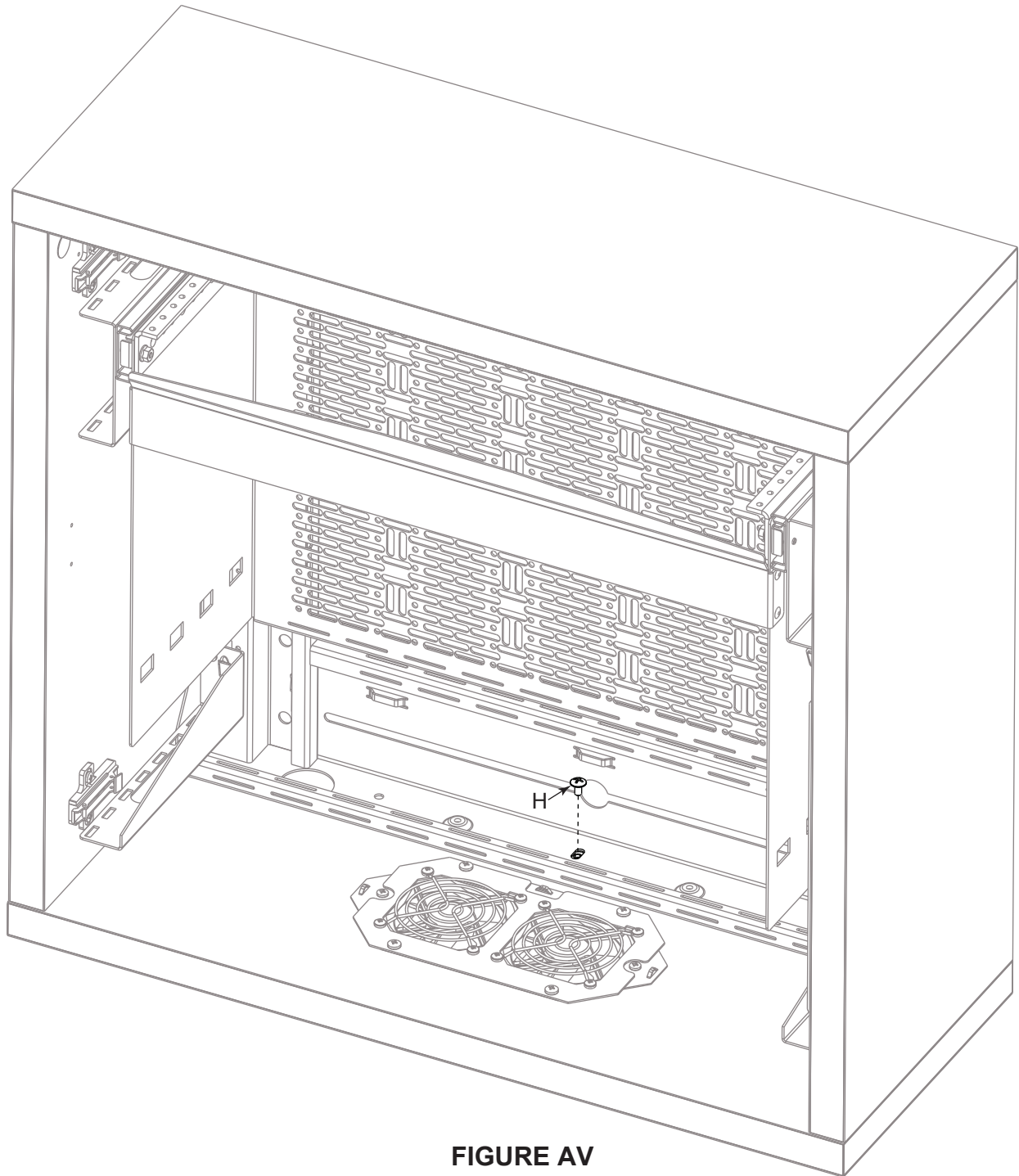


**FIGURE AU**

## ATTACHING THE WOODKIT TO THE FRAME (CONTINUED)

3. Now, use a power driver, #2 Phillips bit, and 10-32 x 3/8" machine screw(s) (H) to secure the bottom of your frame to the bottom of the woodkit as shown. Do not overtighten. (**FIGURE AV**)

**NOTE:** The 10-32 x 3/8" machine screw(s) must be used in each bay to properly secure the bottom of your frame to the bottom of the woodkit.



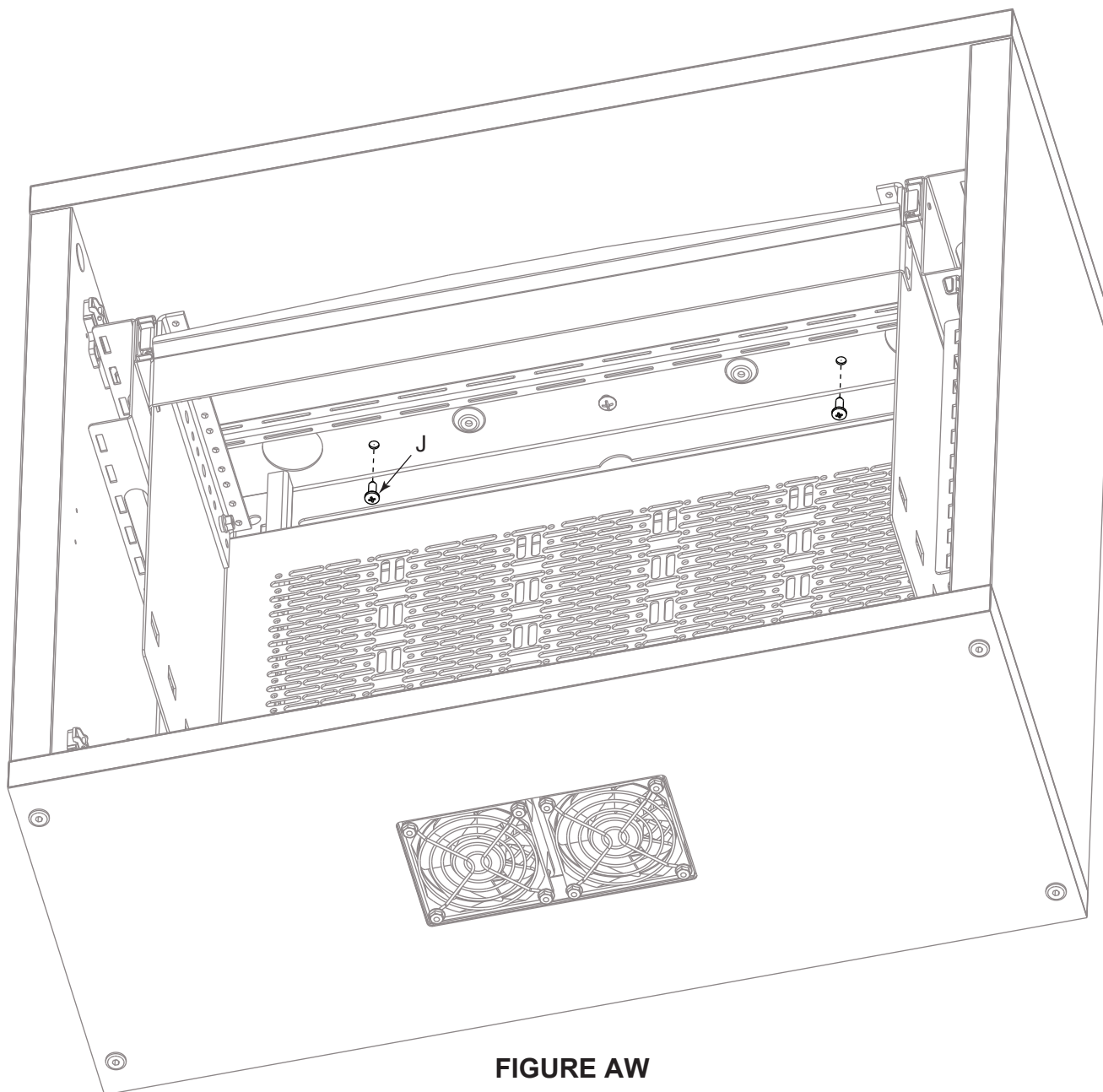
**FIGURE AV**

## ATTACHING THE WOODKIT TO THE FRAME (CONTINUED)

4. Use a power driver, #2 Phillips bit, and #10 x 5/8" wood screws (J) to continue attaching the top of your frame to the top of the woodkit as shown. **(FIGURE AW)**

### NOTE:

- The #10 x 5/8" wood screws may be used in each bay to reinforce the attachment of your frame to the woodkit.
- The following figure is an upward view attaching a 1-bay woodkit to its frame.



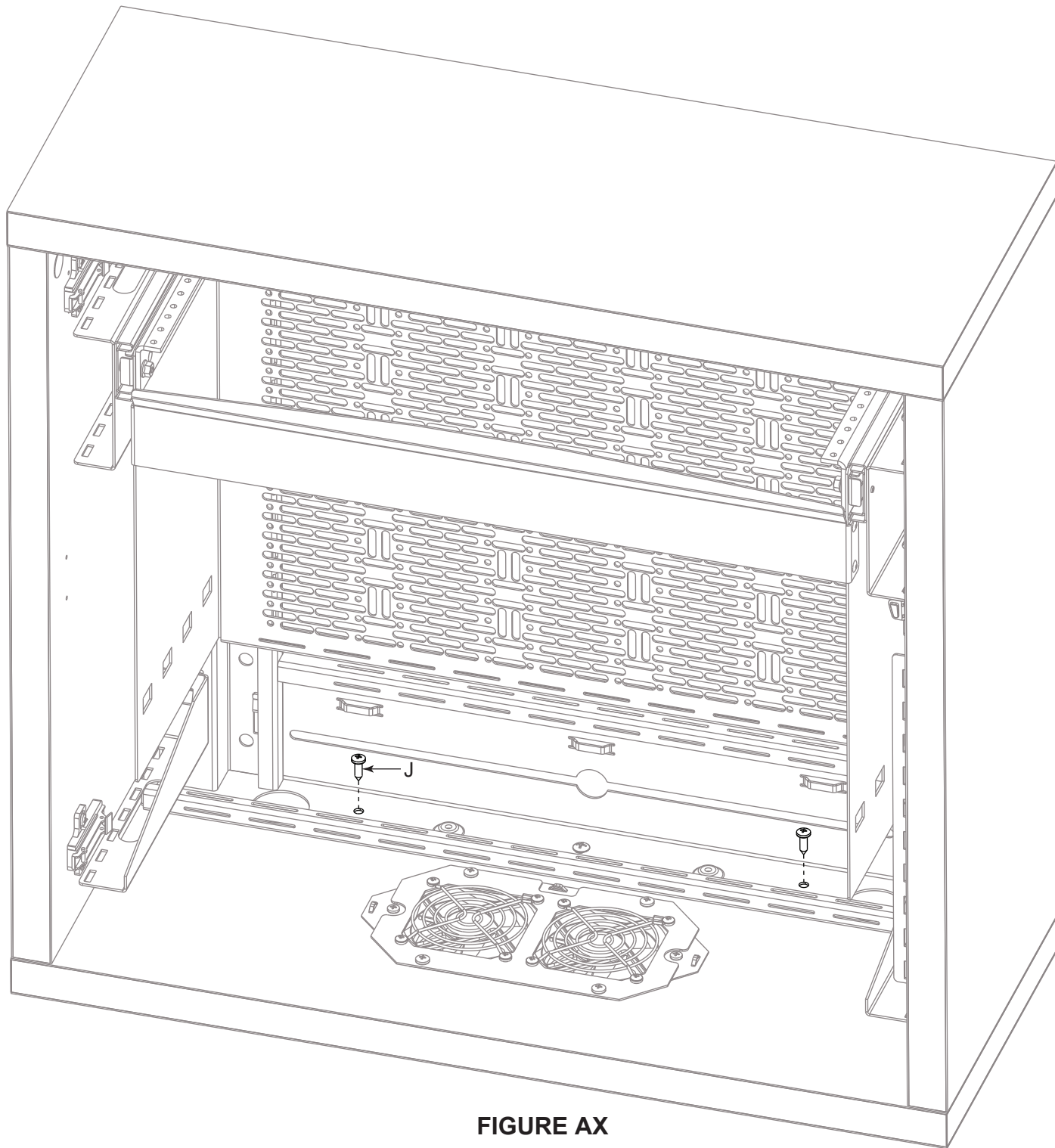
**FIGURE AW**

## ATTACHING THE WOODKIT TO THE FRAME (CONTINUED)

5. Now, use a power driver, a Phillips bit, and #10 x 5/8" wood screws (J) to continue attaching the bottom of your frame to the bottom of the woodkit as shown. **(FIGURE AX)**

### NOTE:

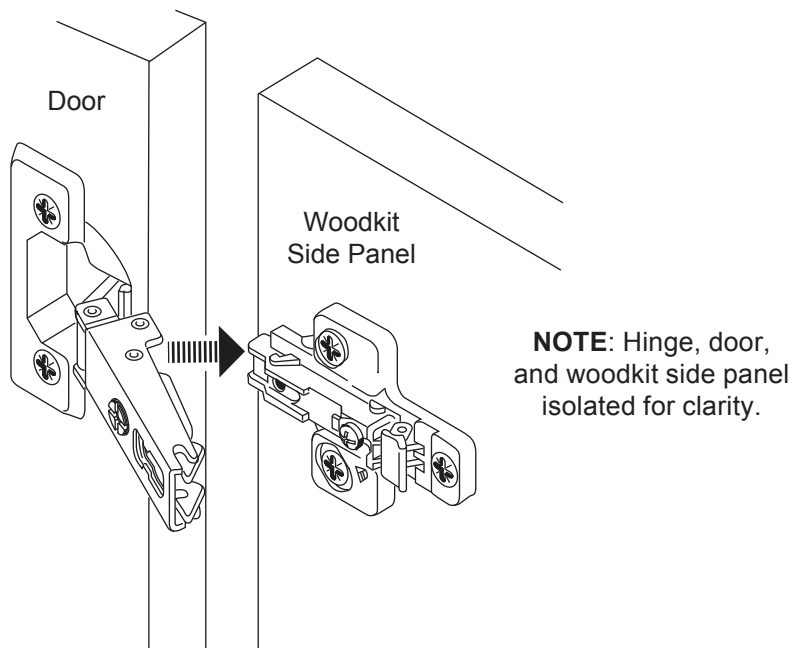
- The #10 x 5/8" wood screws (J) may be used in each bay to reinforce the attachment of your frame to the woodkit.
- With the woodkit now installed on the frame, push the power strip into the power mounting clips as explained in "Installing the Power Strip Inside the Frame for Rack Options" on page 15.



**FIGURE AX**

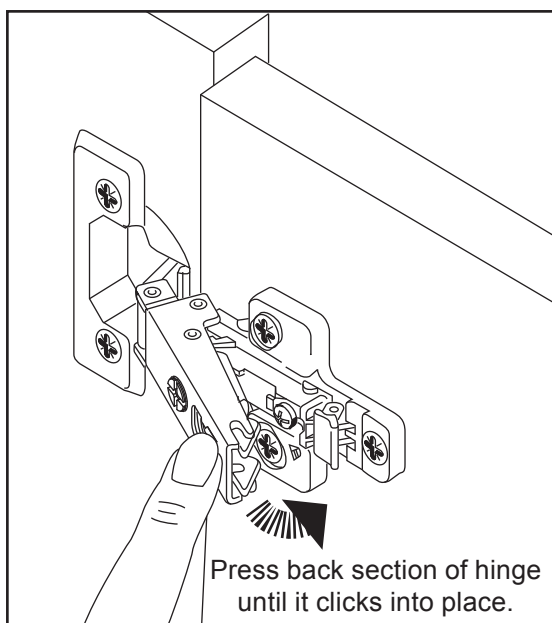
## REINSTALLING THE DOOR(S)

1. Reinstall the door (or doors on 2- and 4-bay models) to the woodkit by carefully hooking together the front sections of the hinge hardware (top hinge pictured) as shown. **(FIGURE AY)**



**FIGURE AY**

2. Press the back section of the hinge hardware until it clicks into place. **(FIGURE AZ)**

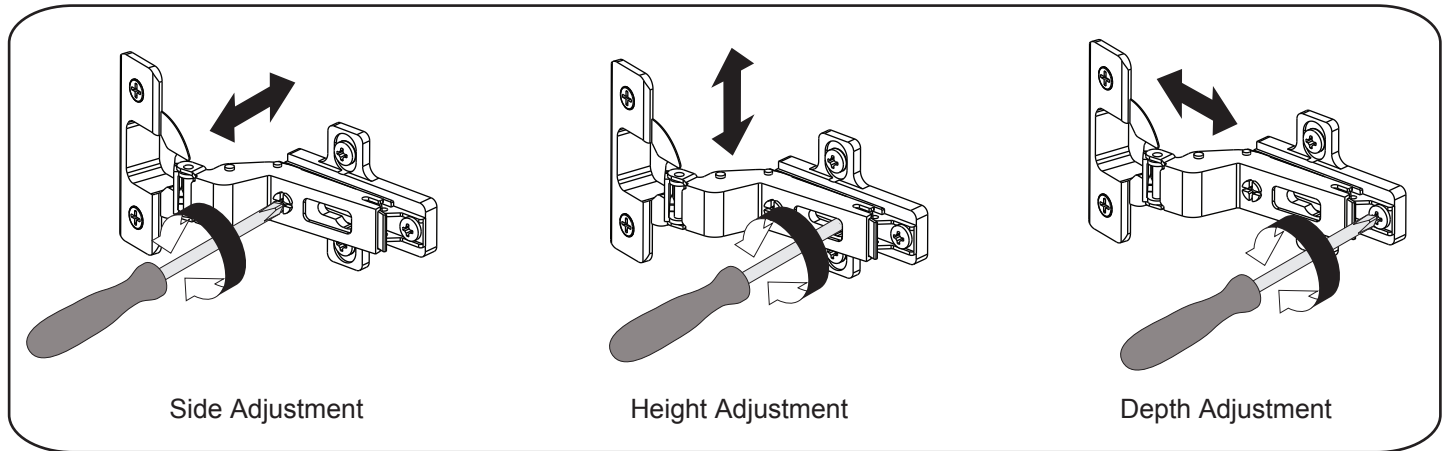


**FIGURE AZ**



## ADJUSTING THE DOOR(S)

- If necessary, use a #2 Phillips screwdriver to adjust door hinges as shown. (**FIGURE AAA**)



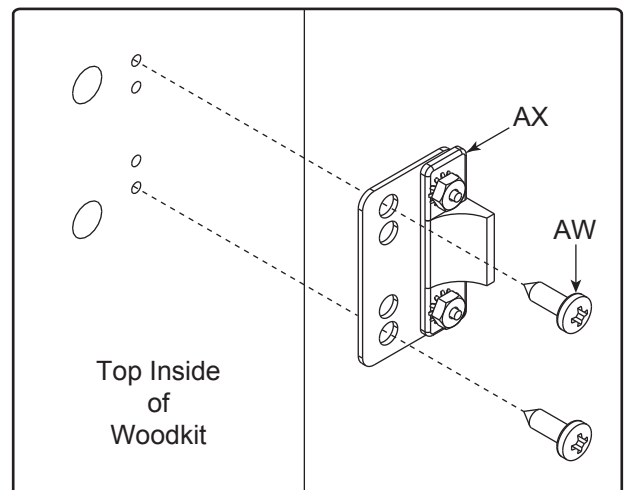
**FIGURE AAA**

## USING THE MAGNETIC KEY LATCH OPTION (MAG-CAB-LATCHKEY)

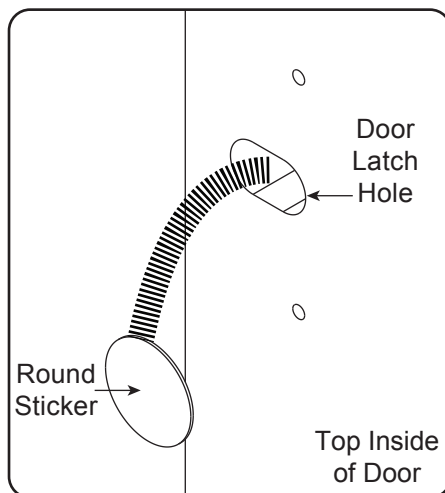
1. Open the door on the bay you wish to install the magnetic key latch option.

**NOTE:** Verify the torque on your power driver is on the lightest setting and only increase as necessary.

2. Use a power driver, #2 Phillips bit, and (2x) #8 x 1/2" wood screws (AW) to attach the door catch (AX) using the pre-drilled holes on the inside of the woodkit (A, opposite side of the door hinges) as shown. (**FIGURE AAB**)



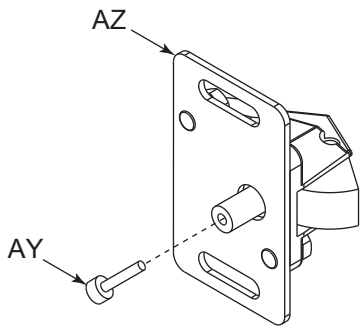
**FIGURE AAB**



**FIGURE AAC**

3. Carefully peel off the round sticker covering the door latch hole on the upper portion of the door as shown. (**FIGURE AAC**)

## USING THE MAGNETIC KEY LATCH OPTION (MAG-CAB-LATCHKEY, CONTINUED)

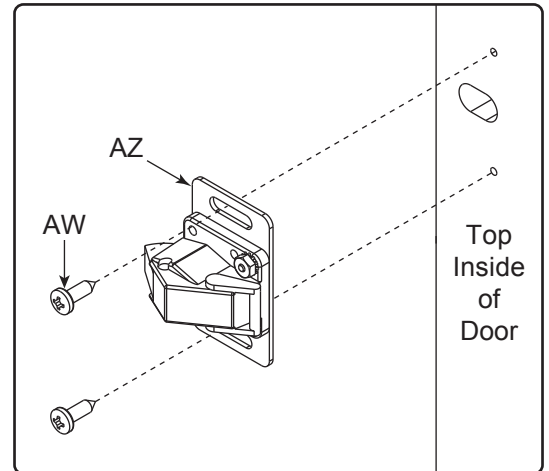


4. Insert plunger (AY) into the hole on the rear of the magnetic door latch (AZ) as shown. (**FIGURE AAD**).

**FIGURE AAD**

5. Use #2 Phillips screwdriver and (2x) #8 x 1/2" wood screws (AW) to loosely attach the magnetic door latch (AZ) using the pre-drilled holes on the inside of the door (opposite side of the door hinges) as shown. (**FIGURE AAE**)

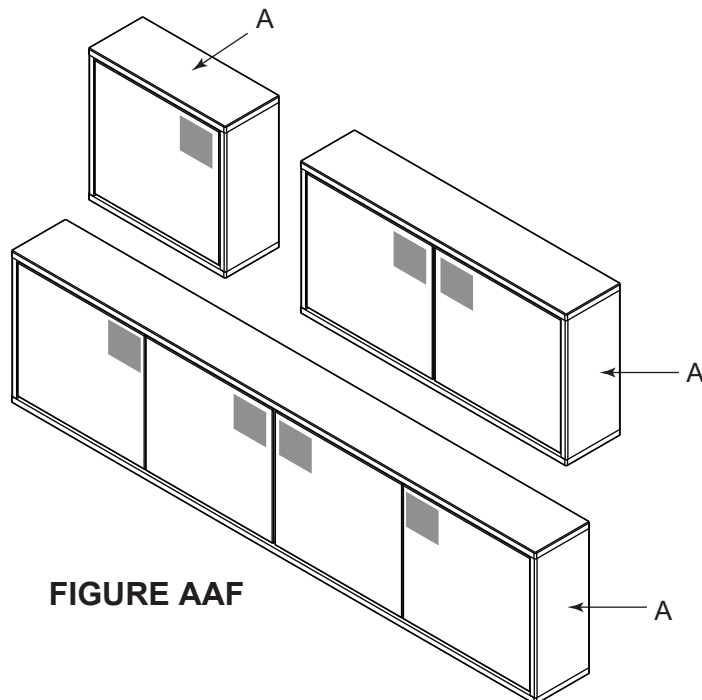
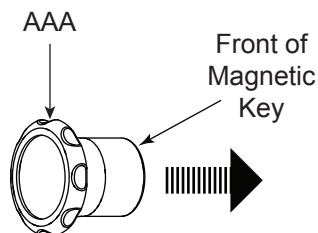
**NOTE:** Do not fully tighten the wood screws.



**FIGURE AAE**

6. With the door still open, touch the front of the magnetic key (AAA) to the upper corner(s) (indicated by shaded region(s), opposite hinges) on door(s) of the woodkit (A) as shown. (**FIGURE AAF**)

**NOTE:** Doors shown closed on woodkits for clarity.



**FIGURE AAF**

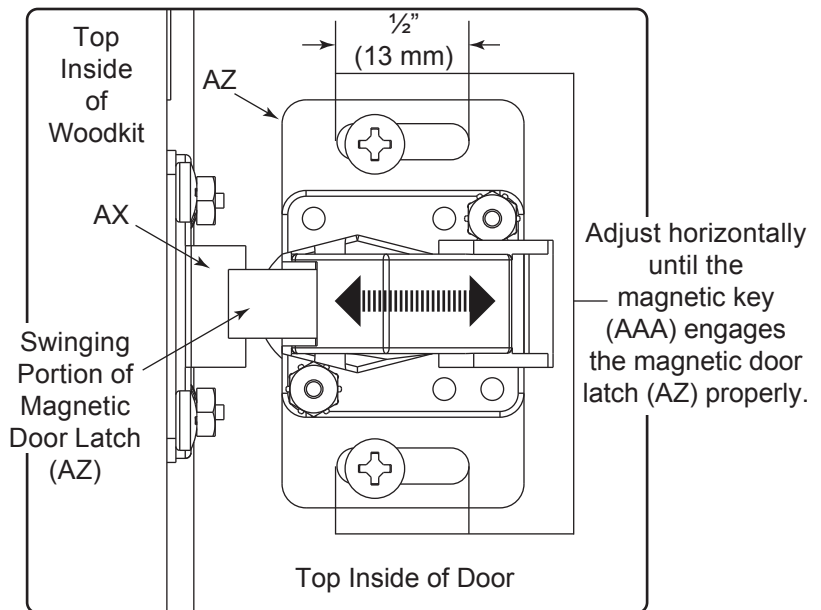


## USING THE MAGNETIC KEY LATCH OPTION (MAG-CAB-LATCHKEY, CONTINUED)

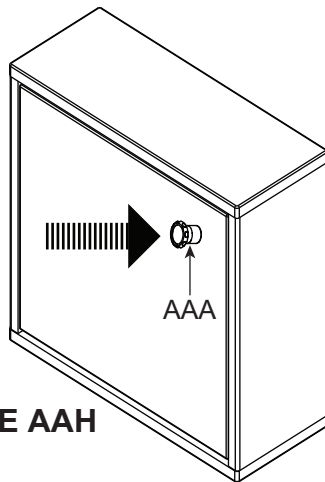
7. If you do not hear a click sound when touching the magnetic key (AAA) to the door positions indicated in the previous step, adjust the magnetic door latch (AZ) in different horizontal positions until the magnet engages properly. **(FIGURE AAG)**

**NOTE:** The click sound is the magnetic key (AAA) drawing the plunger (AY) out of the magnetic door latch (AZ). This moves the swinging portion of the latch inward and away from the door catch (AX).

8. Use a power driver and #2 Phillips bit to tighten the (2x) #8 x 1/2" wood screws (AW) on the magnetic door latch (AZ) from step 5. Do not overtighten.



**FIGURE AAG**



**FIGURE AAH**

9. Test your adjustments by closing the door and using the magnetic key (AAA) to open it.

**TIP:**

- The magnetic key (AAA) will stick to the door when activating the magnetic door latch (AZ). **(FIGURE AAH)**
- If door does not open, try pushing the magnetic key (AAA) against the door slightly.

## WARRANTY

For warranty information, refer to <http://www.middleatlantic.com/company/about-us.aspx#warranty>

### Corporate Headquarters

Corporate Voice: 973-839-1011 - Fax: 973-839-1976 / International Voice: +1 973-839-8821 -  
Fax: +1 973-839-4982  
[www.middleatlantic.com](http://www.middleatlantic.com) - [info@middleatlantic.com](mailto:info@middleatlantic.com)

### Middle Atlantic Canada

Voice: 613-836-2501 - Fax: 613-836-2690 / [ca.middleatlantic.com](http://ca.middleatlantic.com) -  
[customerservicecanada@middleatlantic.ca](mailto:customerservicecanada@middleatlantic.ca)

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