Knoll Office

Antenna® Workspaces

Installation Instructions and Parts Manual

Knoll

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Using the Antenna® Workspaces Installation Instructions and Parts

An Overview
Each section of the Installation Instructions and Parts Manual contains information to guide you through Antenna™ Workspaces installations and to help you determine which parts you may need to order as replacements or to supplement reconfigurations.

Each page contains the following sections:

The **Parts List section** contains a lettered list of the essential component parts required for the application's installation. Items required that may vary in size, (i.e. worksurfaces or rails), have not been lettered, and replacements should be ordered directly from the Price List.

The **Tools Needed section** contains a list of the installation tools that will be required on site for the proper installation of the application or configuration.

A **Graphic Section** has been included, to the right of the Parts List, depicting images of the component parts with lettered codes that correspond to those in the Parts List. Each part is shown with its associated part number above.

NOTE: Part numbers with an asterisk, i.e. *, after the number require a paint finish code to be added to the end of the pattern number to be orderable as a replacement part. Please refer to the Finish Code listing at the end of this page for the available codes.

NOTE: Part numbers with empty brackets, i.e. (_), after the pattern number indicate that a laminate or veneer finish code must be added to the end of the pattern number to be orderable as a replacement part. Please refer to the Finish Code listing in the Antenna™ Workspaces Price List for the available finish codes for those products.

Please note that not all parts are available in all finishes. Finish options available for component parts match those available when ordered with the complete items' pattern number per the Antenna™ Workspaces Price List.

The **Steps section** details step-by-step instructions for the installation of the application selected. Each step includes references to the lettered items noted in the Parts List at the top of the page and in the graphic section.

A **Drawings section** follows the steps section providing detailed assembled and exploded drawings to further assist in installation and in determining replacement parts required.

How to Order Parts

1. Look in this document's bookmarks to locate the configuration which best fits the application.
2. Go to the page where that application is described and thoroughly review all installation instructions to determine the part number(s) needed.
3. Unless otherwise noted, the standard package quantity is one (1). When ordering products where the quantity per package is listed, please indicate the number of packages required in the quantity column of your order.
4. Be sure to add "KR" to the beginning of each part number.
5. Be sure to include any finish codes required to complete the pattern number(s).
6. Complete a Knoll Service order, which can be sent to your Knoll Customer Service Representative.

If you have any questions about the contents of this manual, please call your Customer Service Representative or Field Service at 800-343-5665.

Paint Finish Codes:

111T - Jet Black

112T - Brown

113T - Dark Grey

114T - Folkstone Grey

115T - Medium Grey

116T - Sandstone

117T - Soft Grey

118T - Bright White

611T - Beige Metallic Mist

612T - Medium Metallic Grey

613T - Silver

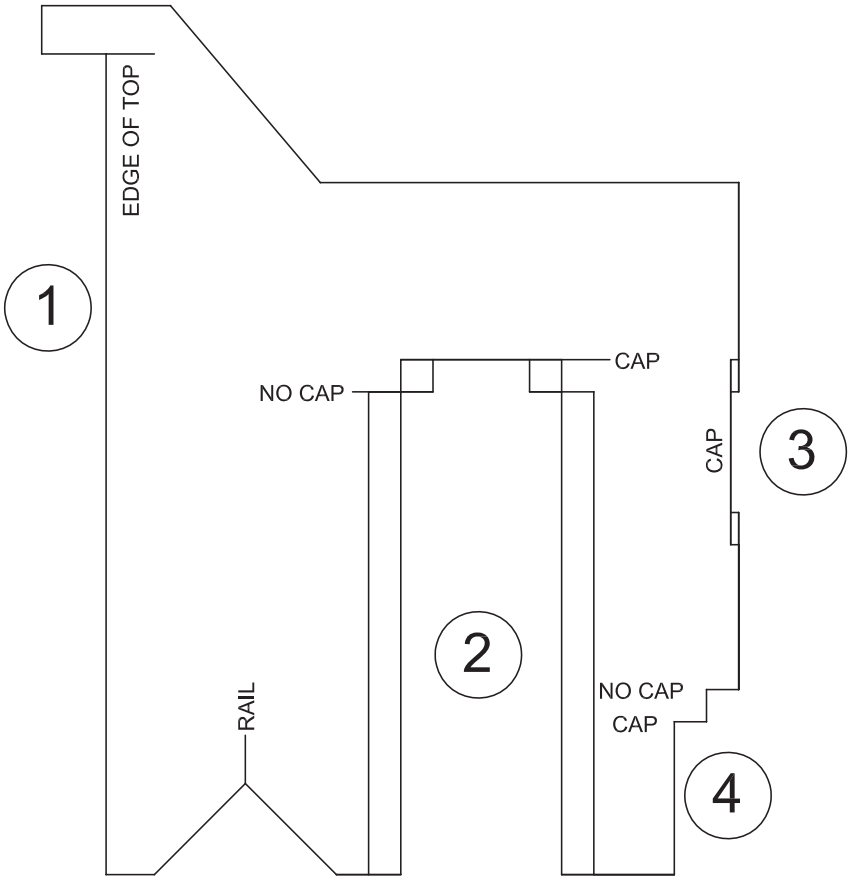
130T - Dark Red

131T - Slate Blue

Installation Gauge (YBIG- Package Qty of 5)

Pattern Numbers Represented:
Installation Gauge, YBIG

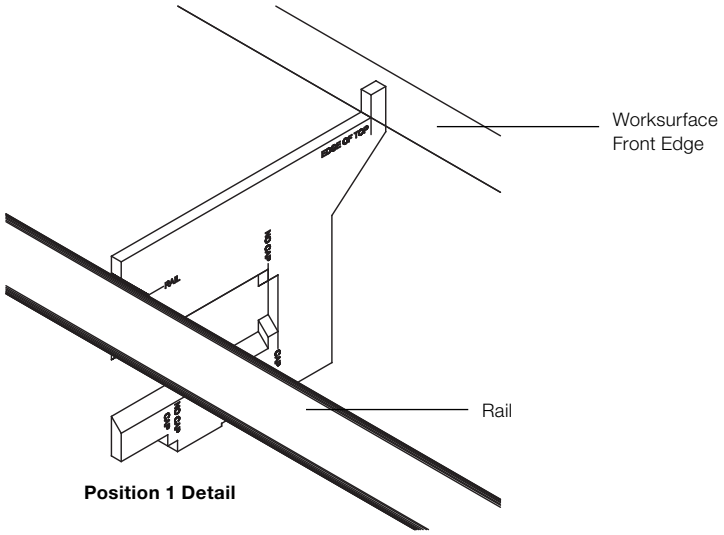
Overview:
The installation gauge is a tool used to help create accurate, consistent Antenna Workspaces installations. The tool can be used in four different ways while installing Antenna Workspaces desks or big tables. (See following drawings)



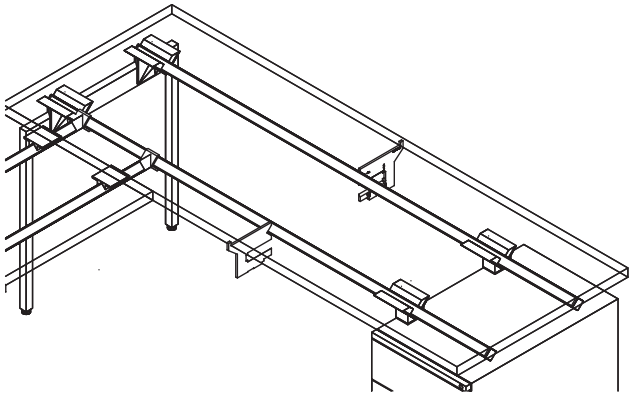
Antenna Installation Gauge Showing 4 Applications

Installation Gauge (YBIG- Package Qty of 5), continued

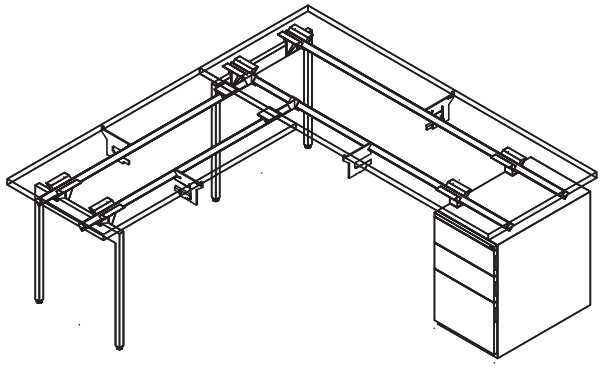
Application #1:
Used to position tops over rails. Can also be used to position rail locations over peds, and rails at Fence brackets, both relative to the top position. V cutout in guide sits snug to the side of the rail, while the edge of the top tab aligns with the edge of the desk top. Only works when the legs are table desk legs that match the depth of the top OR desk legs that are 3" smaller than the depth of the top. The designated distance is 6 5/8" from the edge of the top to the centerline of the rail.



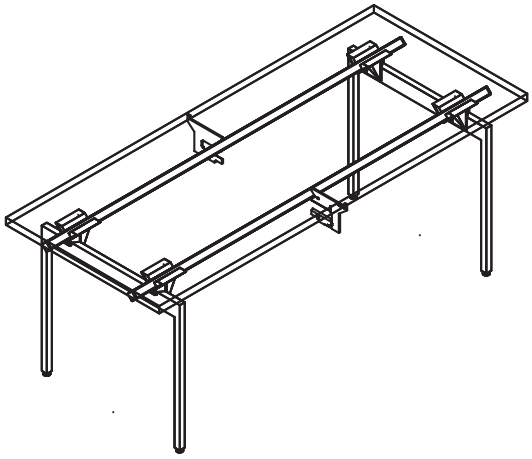
Position 1 Detail



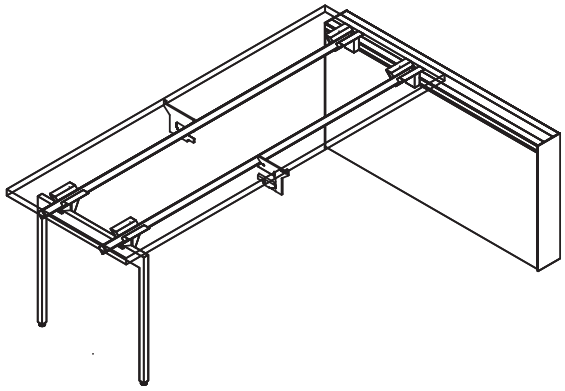
Typical Application



Desk with Return



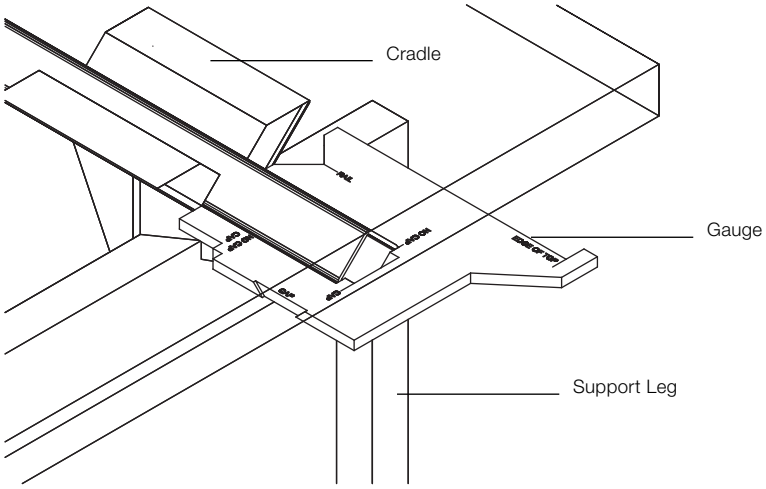
Freestanding Desk



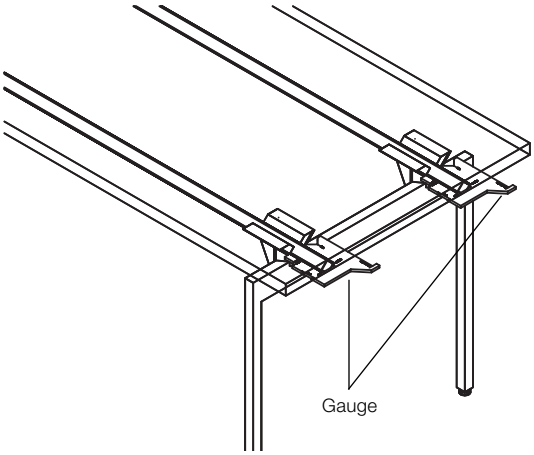
Desk to Fence

Installation Gauge (YBIG- Package Qty of 5), continued

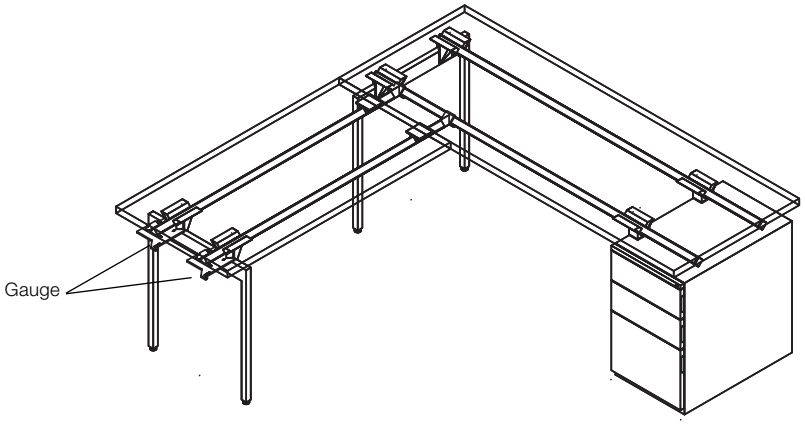
Application #2:
Used to position the leg assembly from the end of the rail, when the design is to have the leg inset 5 ½" from the end of the desk top. Recessed part of the guide sits up against the end of a rail (with or without end cap) and the end of the guide sits against the outside edge of the cradle. Can also be used for big tables if there are no extension tops or extension cabinets. Cannot be used for legs that are under a "linked" desk (the shared leg), tables with extension tops or cabinets, or desk ends where returns or bridges are located. Will not work with table desk legs.



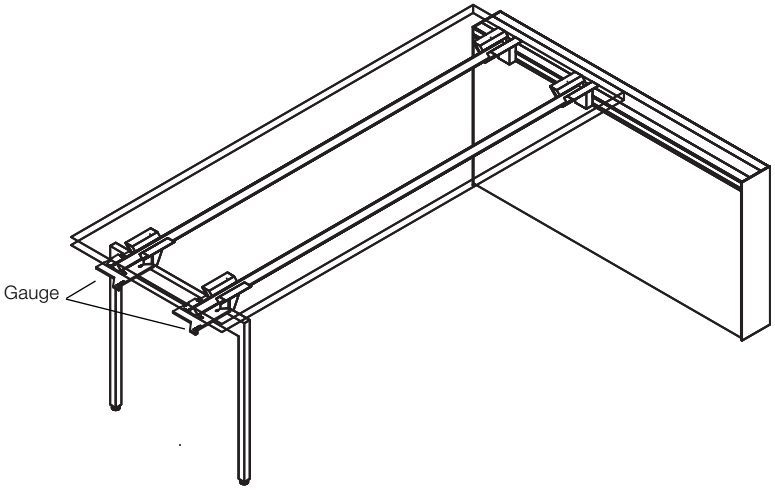
Position 2 Detail



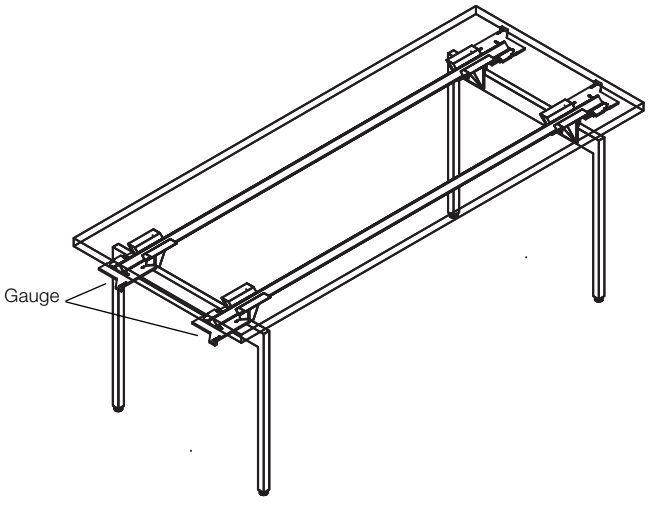
Typical Application



Desk with Return



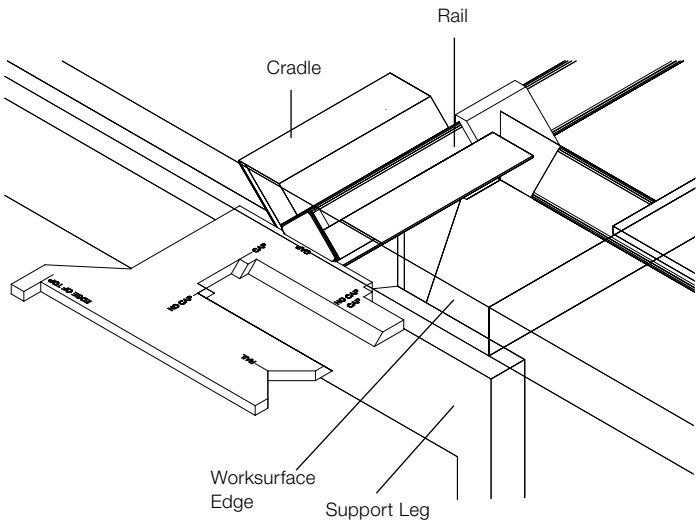
Desk to Fence



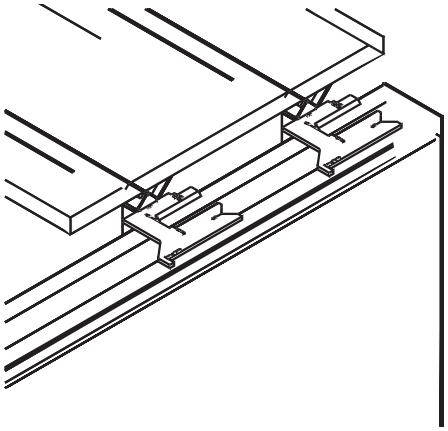
Freestanding Desk

Installation Gauge (YBIG- Package Qty of 5), continued

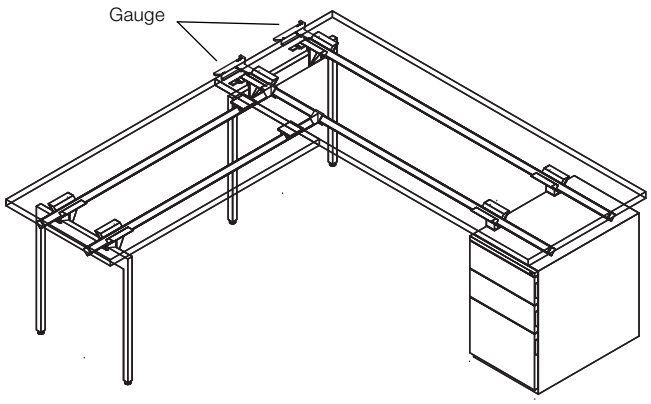
Application #3:
Rail end cap is designed to sit proud of the cradle by approximately $^{1}/_{16}$", so that the end of the rail and leg are 1 ½" from the end of the top. Guide is used to dimension from the outside of the rail end cap to the outside edge of the cradle. Must be used when the leg is placed at 1 ½" from the edge of the top, such as when a bridge or return is to be used to ensure the right location for the return/bridge rails. Will also locate the outside edge of the rail and spacer in the Fence end support bracket (YBAFE25 & YBAFE28).



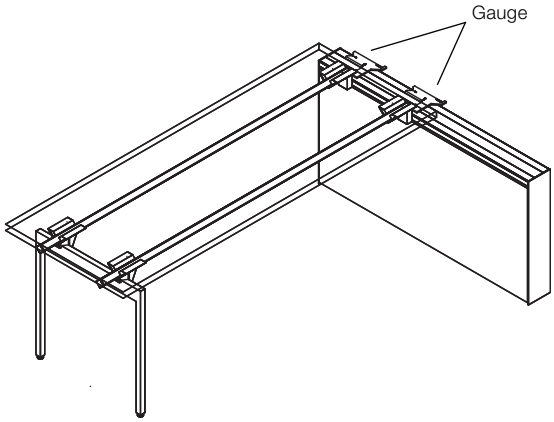
Position 3 Detail



Typical Application



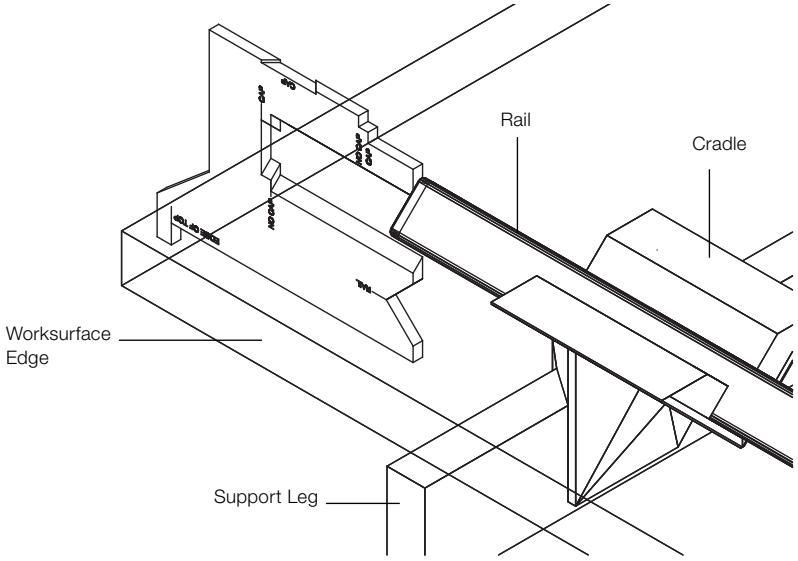
Desk with Return



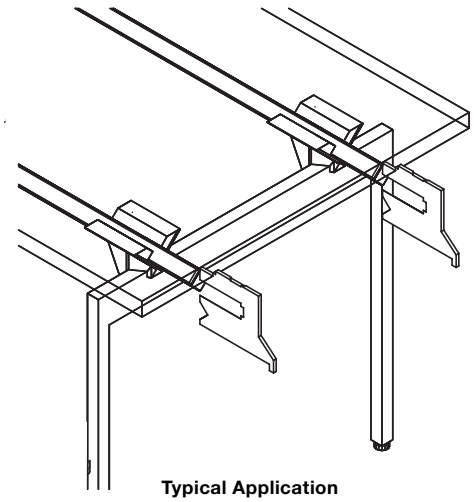
Desk to Fence

Installation Gauge (YBIG- Package Qty of 5), continued

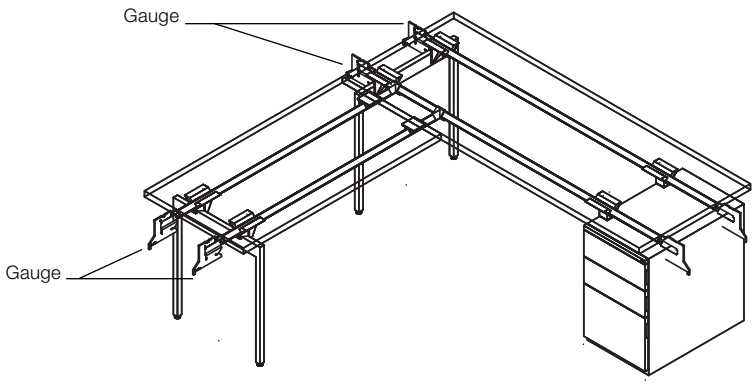
Application #4:
Used to position the leg assembly from the end of the rail, when the design is to have the leg inset 5 ½" from the end of the desk top.



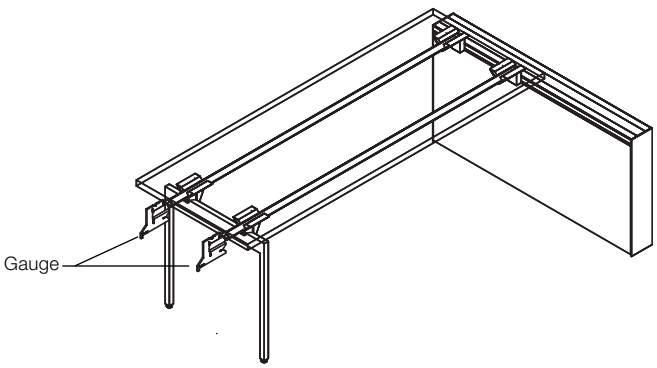
Position 4 Detail



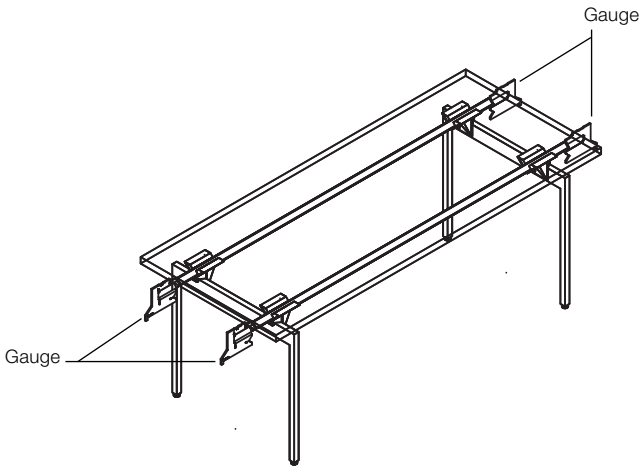
Typical Application



Desk with Return



Desk to Fence



Freestanding Desk

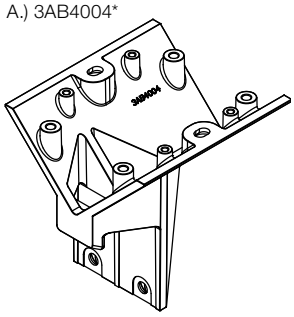
Desk (Inset Legs)

Pattern Numbers Represented:
Legs for Desks or Returns
(Desk or Standing Height), **YEL**__
Starter Rails with End Caps, **YBRS**_

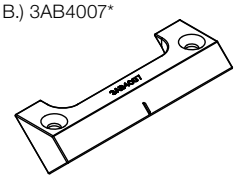
Part List:
Horizontal Rail Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
#12 X ¾" Black Wood Screw (D)
¼-20 x 1" Machine Screw (E)
¼-20 x 5/8" Machine Screw (F)
#14 x 1" FH Wood Screw (G)
Rails
Desk End Legs
Top

Tools Needed:
Drill
Install Gauge
Phillips #2 and #3 bits
Rubber mallet

A.) 3AB4004*

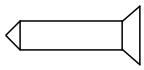


B.) 3AB4007*

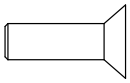


C.) 3AB401252

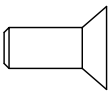
D.) 7196440



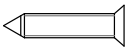
E.) 7194140



F) 7189140



G.) 7434100



STEPS:

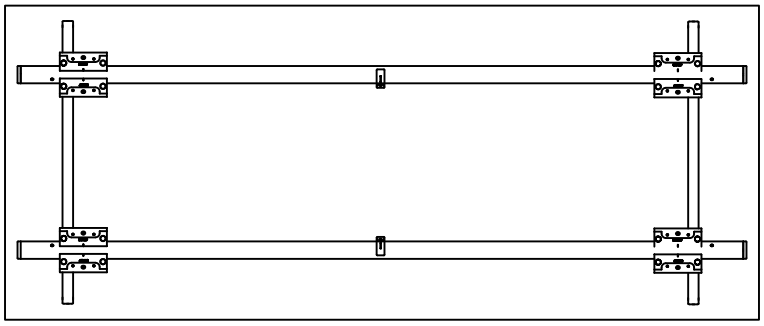
1. Attach desk cradles (A) to legs, (2) per leg, using (2) ¼-20 x 1" machine screws (E) per cradle (A).
2. Attach (1) pair of horizontal rails to cradles (A) by first fastening (2) cradle clamp brackets (B) loosely to each cradle (A) using (4) ¼-20 x 5/8" machine screws (F).

   NOTE: Rails are typically 3" shorter than top width. ie: 72" wide tops use 69" wide rails.

   Install (4) end caps into the ends of the rails using the rubber mallet. Slide one end of each rail into the cradle/clamp assemblies on one leg, with rail paint holes facing up and toward the center of the table desk assembly.

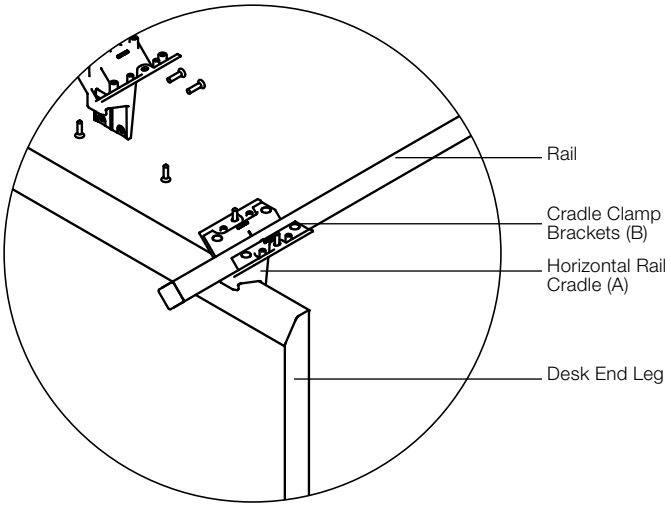
   NOTE: If a glass top is being used, holes are to face down and toward center of the table desk assembly.

   Position the outer edge of each cradle (A) 4" from the end of the rail. Use gauge to properly position rails. See Install Gauge Guidelines. Tighten the screws (F) in the cradle clamp brackets (B).
3. Attach other ends of the rails to the (2) cradles (A) in the other leg assembly as noted in step 2.
4. If applicable, attach suspended storage, returns and/or electrical components at this time. (see suspended storage, table desk with return and electrical installation instructions)
5. Surfaces 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer (C) should be placed between the top of each rail and the underside of the top, centered on the width of the top. Spacers (C) are attached to the top using (1) #12 X ¾" black wood screw (D) per spacer.
6. Lay top on base assembly. Use gauge to properly position top. See Install Gauge Guidelines. Attach top using (2) #14 x 1" FH wood screws (G) per cradle (A) into pre-drilled holes in the underside of the top.
7. Adjust glides as needed to level desk.

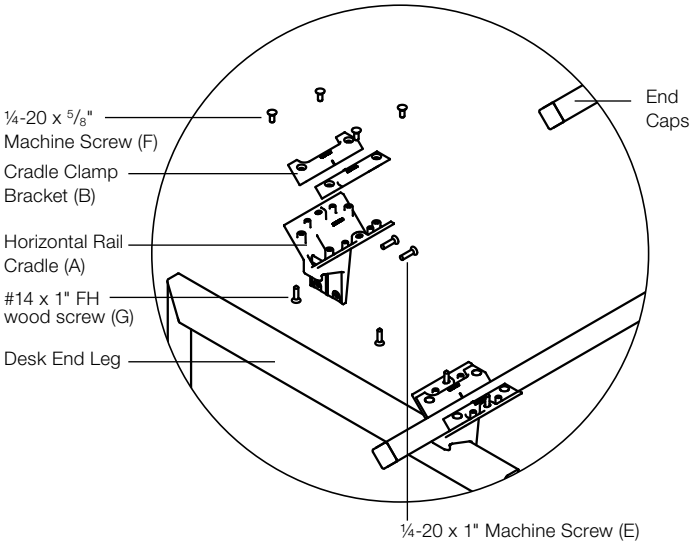


Desk Assembly Plan View

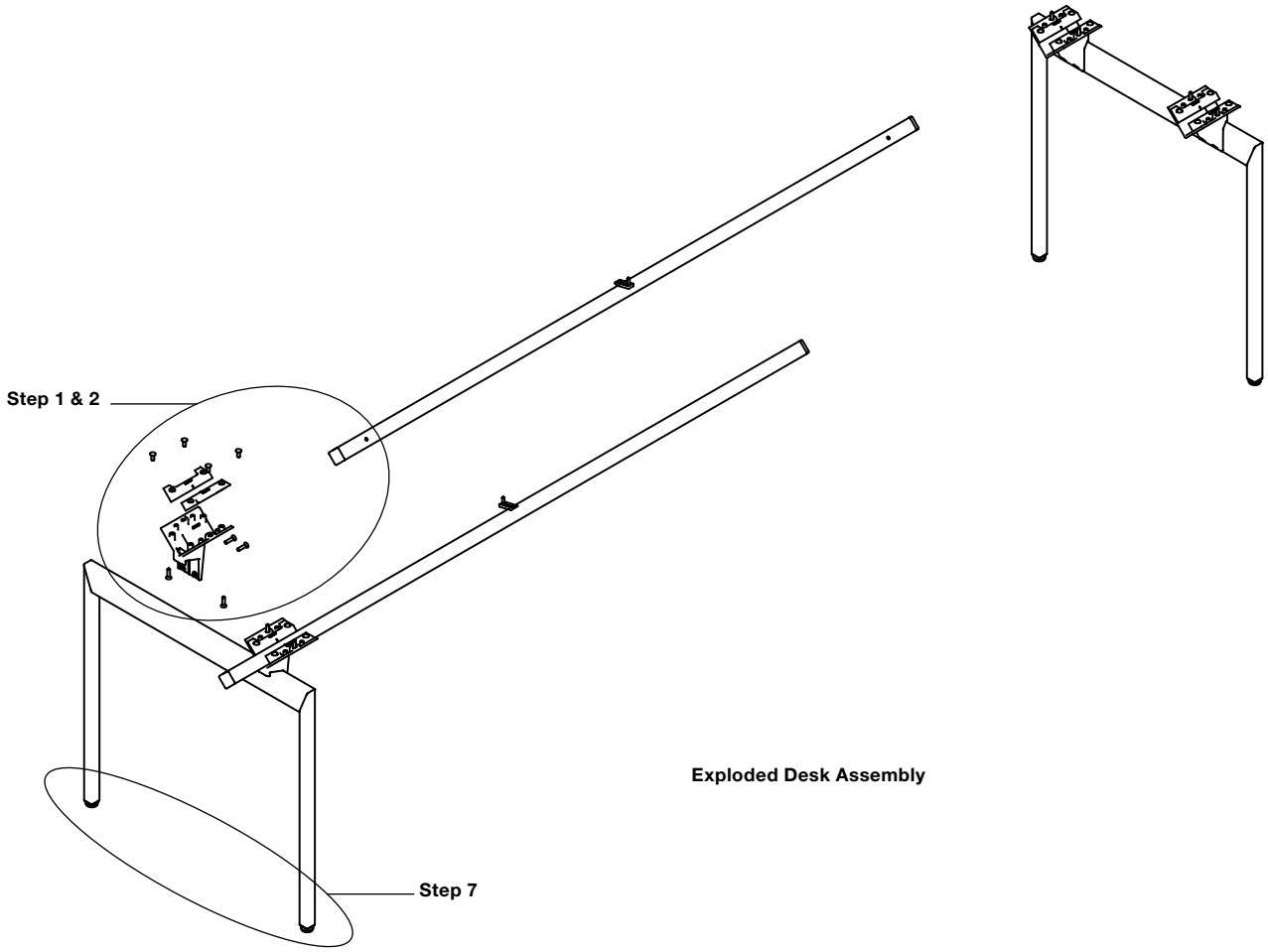
Desk (Inset Legs), continued



Desk Cradle Connection to End Leg Assembly Detail



Exploded Table Desk Cradle Connection to End Leg Detail



Exploded Desk Assembly

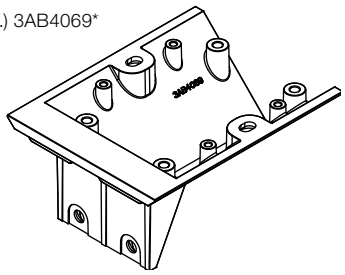
Table Desk (Flush Legs)

Pattern Numbers Represented:
Legs for Table Desks (Desk Height), **YELS**__
Starter Rails without End Caps, **YBRT**_

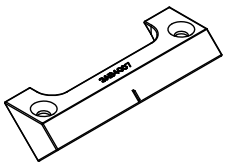
Part List:
Table Desk Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
#12 X ¾" Black Wood Screw (D)
¼-20 x 1" Machine Screw (E)
¼-20 x 5/8" Machine Screw (F)
#14 x 1" FH Wood Screw (G)
Rails
Table Desk End Legs
Top

Tools Needed:
Drill
Phillips #2 and #3 bits

A.) 3AB4069*

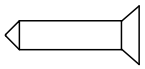


B.) 3AB4007*

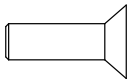


C.) 3AB401252

D.) 7196440



E.) 7194140



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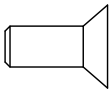


G.) 7434100

STEPS:

1. Attach table desk cradles (A) to legs, (2) per leg, using (2) ¼-20 x 1" machine screws (E) per cradle (A).
2. Attach (1) pair of horizontal rails to cradles (A) by first fastening (2) cradle clamp brackets (B) loosely to each cradle (A) using (4) ¼-20 x 5/8" machine screws (F).

   NOTE: Rails are 3" shorter than top width. ie: 72" wide tops use 69" wide rails.

   Slide one end of each rail into a cradle/clamp assembly, with rail paint holes facing up and toward the center of the table desk assembly.

   NOTE: If a glass top is being used, holes are to face down and toward center of the table desk assembly.

   NOTE: End of rail must be fully inserted against (not on top of) the "fins" at the back of the cradle. No endcaps are required.

   Tighten the screws (F) in the cradle clamp brackets (B).
3. Attach other ends of the rails to the (2) cradles (A) in the other leg assembly as noted in step 2.
4. If applicable, attach suspended storage, returns and/or electrical components at this time. (see suspended storage, table desk with return and electrical installation instructions).
5. Surfaces 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer (C) should be placed between the top of each rail and the underside of the top, centered on the width of the top. Spacers (C) are attached to the top using (1) #12 X ¾" black wood screw (D) per spacer.
6. Lay top on base assembly. Attach top using (2) #14 x 1" FH wood screws (G) per cradle (A) into pre-drilled holes in the underside of the top.
7. Adjust glides as needed to level table desk.

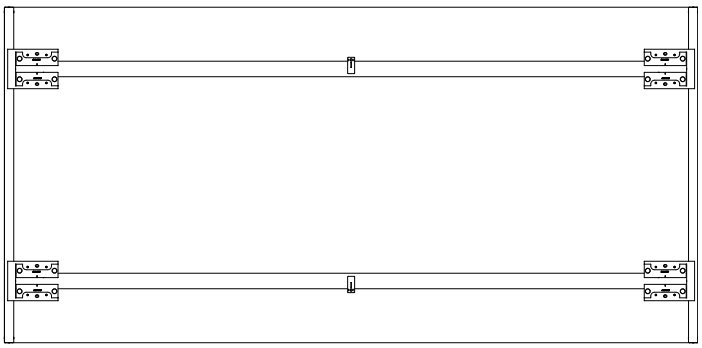


Table Desk Assembly Plan

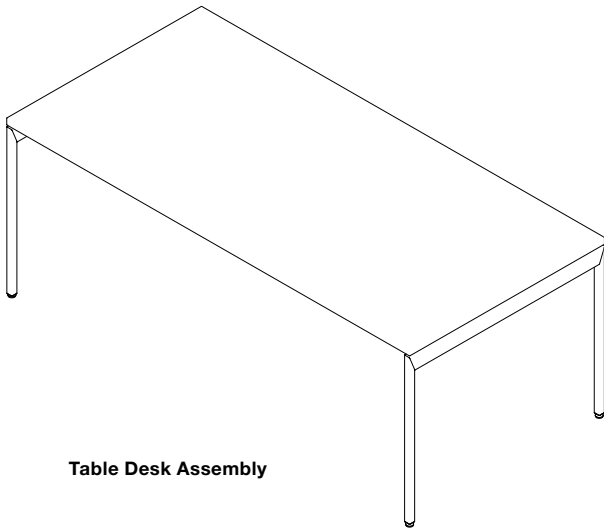
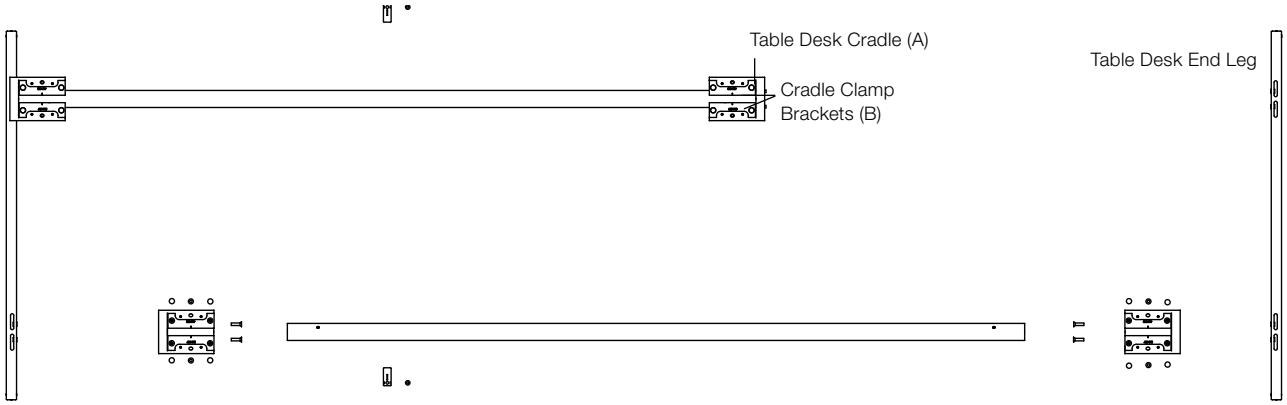
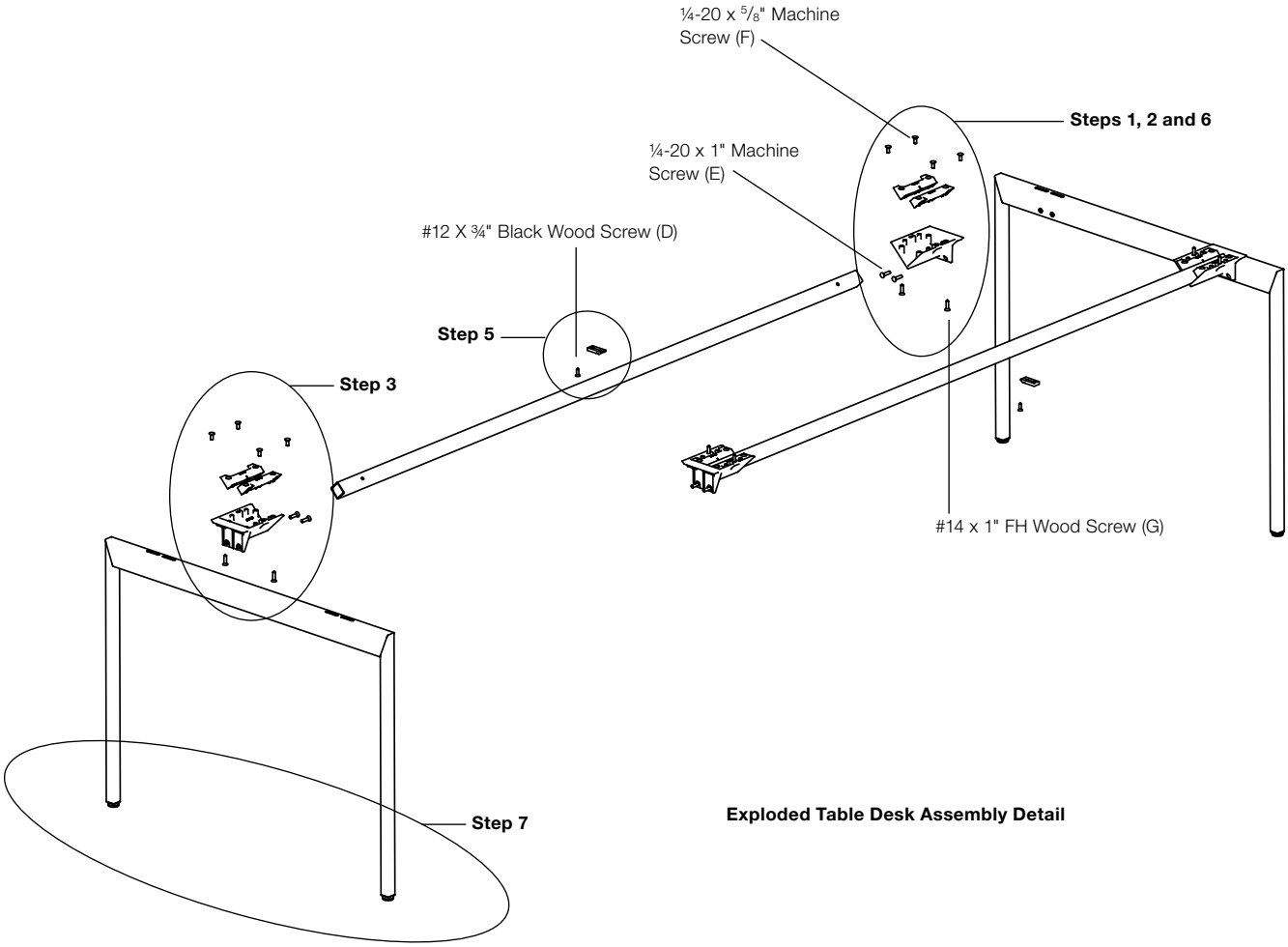


Table Desk Assembly

Table Desk (Flush Legs), continued



Exploded Table Desk Cradle Connection to End Leg Detail



Exploded Table Desk Assembly Detail

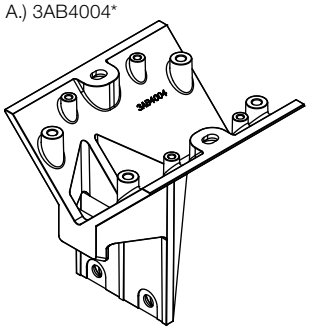
Desk with Return (Inset Leg on Return)

Pattern Numbers Represented:
Legs for Desks or Returns
(Desk or Standing Height), **YEL**__
Return Rails for Desk, **YBRR**_

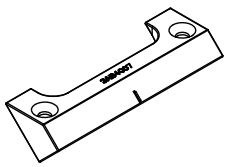
Part List:
Horizontal Rail Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
Return Rail Hook Top Bracket (D)
Return Rail Clamp Bottom Bracket (E)
W-Bracket (F)
#12 X ¾" Black Wood Screw (G)
¼-20 x 1" Machine Screw (H)
¼-20 x $^{5}/_{8}$" Machine Screw (I)
#14 x 1" FH Wood Screw (J)
Rails
End Caps
Desk End Leg
Return Top

Tools Needed:
Drill
Install Gauge
Phillips #2 and #3 bits
Rubber mallet

A.) 3AB4004*

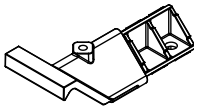


B.) 3AB4007*



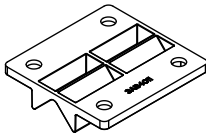
C.) 3AB401252

D.) 3AB4008*

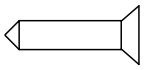


E.) 3AB4009*

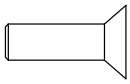
F.) 3AB4095*



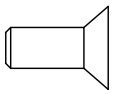
G.) 7196440



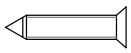
H.) 7194140



I.) 7189140



J.) 7434100



STEPS:

1. Build table desk assembly (see table desk assembly instructions).

   NOTE: that the Horizontal Rail Cradles (A) at the end of the desk receiving a return must be repositioned so they are at the end of the desk rails.

2. Attach (2) cradles (A) to desk end leg using (2) ¼-20 x 1" machine screws (H) per cradle (A).

3. Attach 1 return rail (YBRR_ _) to each cradle (A) by first fastening 2 cradle clamp brackets (B) loosely to each cradle using (4) ¼-20 x $^{5}/_{8}$" machine screws (I).

   NOTE: Return rails are 3" longer than the return top width when connected to a 24"d main top.

   Return rails are 6" longer than the return top width when connected to a 27"d main top.

   Return rails are 9" longer than the return top width when connected to a 30"d main top.

   NOTE: Rails are an ADDITIONAL 12" long when return is connected to an extension top or cabinet on free end.

   For both rails, slide rail into cradle/clamp assembly with rail paint holes facing up and toward center of table desk assembly. Use install gauge to locate the leg position on the rail. See Install Gauge Guidelines. Tighten the screws (I) in the cradle clamp brackets (B).

4. Insert (1) end cap onto each rail with rubber mallet.

5. Install return rail hook top brackets (D) to other end of each return rail.

6. Attach return rail hook top brackets (D) perpendicular to and on top of main table desk rail. Attach a return rail clamp bottom bracket (E) with (1) ¼ -20 X 1" machine screw (H) to each return rail hook top bracket (D).

   NOTE: The horizontal rail cradles (A) at the end of a desk receiving a return may need to be repositioned; The outside edge of the cradles (A) must be flush with the end of the desk rails. This repositioning is unnecessary for table desk cradles as they are already positioned at the end of the rails.

   NOTE: Main table desk top may need to be loosened to allow clamp to be installed.

7. If applicable, add suspended storage units at this time. (see suspended storage installation instructions)

8. Position a W-bracket (F) on each return rail halfway under the main table desk top.

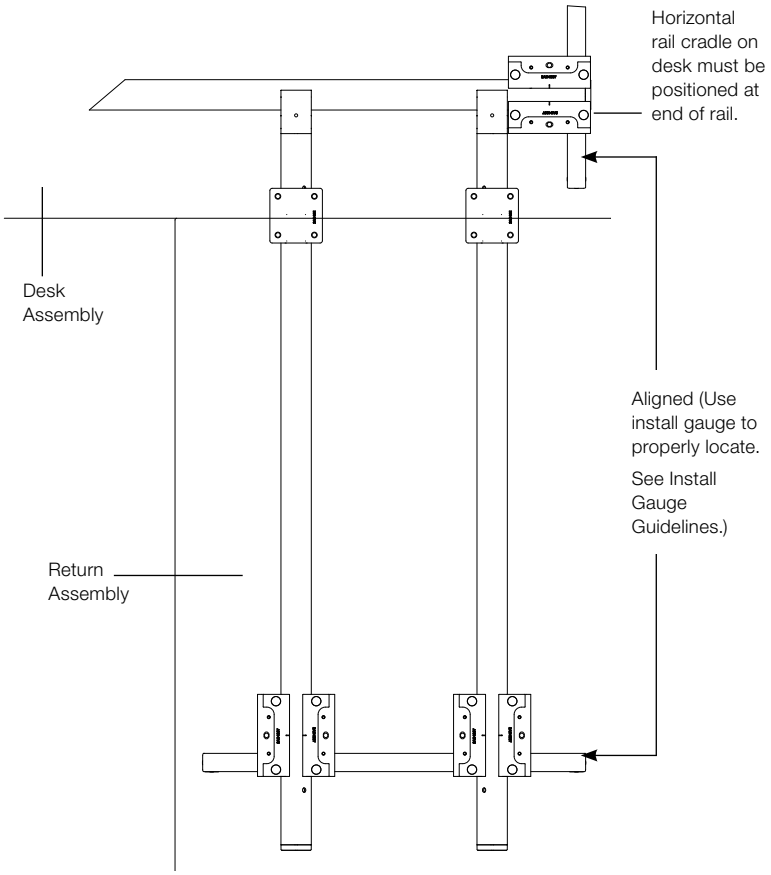
9. Surfaces 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer (C) should be placed between the top of each rail and the underside of the return top, centered on the width of the return top. Spacers (C) are attached to the return top using (1) #12 X ¾" black wood screw (G) per spacer.

10. Lay return top on return rail/leg assembly. Use gauge to properly position top. See Install Gauge Guidelines. Attach return top using (2) #14 x 1" FH wood screws (J) per cradle into pre-drilled holes in the underside of the return top.

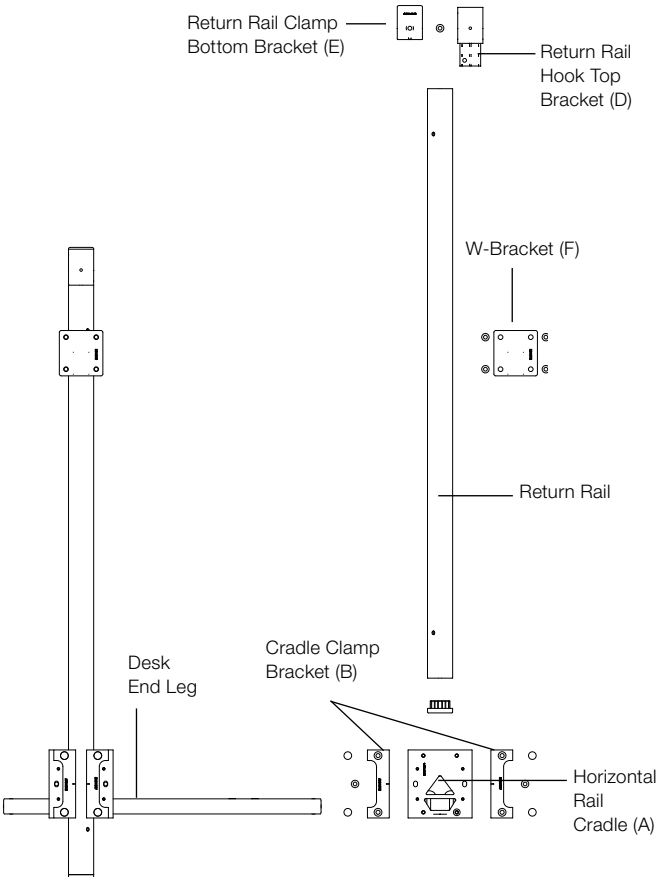
11. Secure main table desk top and return top to return rail W-brackets (F), using (4) #14 x 1" FH wood screws (J) per W-bracket.

12. Adjust glides as needed to level return.

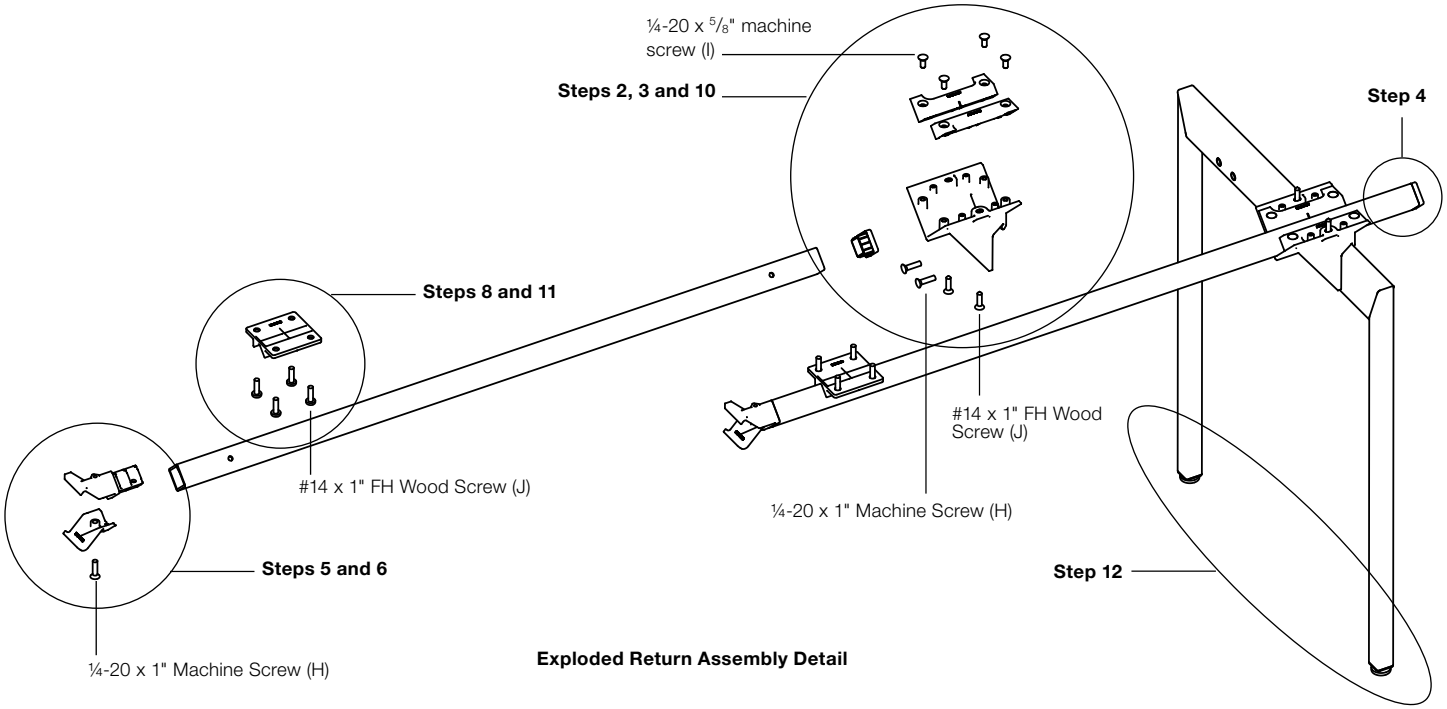
Desk with Return (Inset Leg on Return), continued



Desk with Return Plan View



Exploded Return Assembly Plan View



Exploded Return Assembly Detail

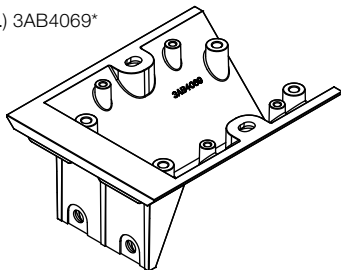
Table Desk with Return (Flush Leg on Return)

Pattern Numbers Represented:
Legs for Table Desks (Desk Height), **YELS**_ _
Return Rails for Desk, **YBRR**_

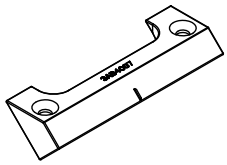
Part List:
Table Desk Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
Return Rail Hook Top Bracket (D)
Return Rail Clamp Bottom Bracket (E)
W-Bracket (F)
#12 X ¾" Black Wood Screw (G)
¼-20 x 1" Machine Screw (H)
¼-20 x 5/8" Machine Screw (I)
#14 x 1" FH Wood Screw (J)
Rails
Table Desk End Leg
Return Top

Tools Needed:
Drill
Phillips #2 and #3 bits
Install Gauge

A.) 3AB4069*

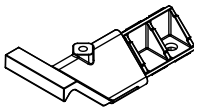


B.) 3AB4007*

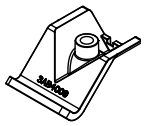


C.) 3AB401252

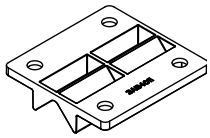
D.) 3AB4008*



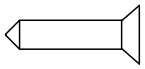
E.) 3AB4009*



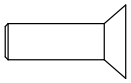
F.) 3AB4095*



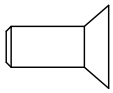
G.) 7196440



H.) 7194140



I.) 7189140



J.) 7434100

STEPS:

1. Build table desk assemblies (see table desk assembly instructions).
2. Attach (2) table desk cradles (A) to the table desk end leg that will be used under the return top using (2) ¼-20 x 1" machine screws (H) per cradle (A).
3. Attach 1 return rail (YBRR_ _) to each cradle (A) by first fastening 2 cradle clamp brackets (B) loosely to each cradle using (4) ¼-20 x 5/8" machine screws (I).

   NOTE: Return rails are 3" longer than the return top width when connected to a 24"d main top.

   Return rails are 6" longer than the return top width when connected to a 27"d main top.

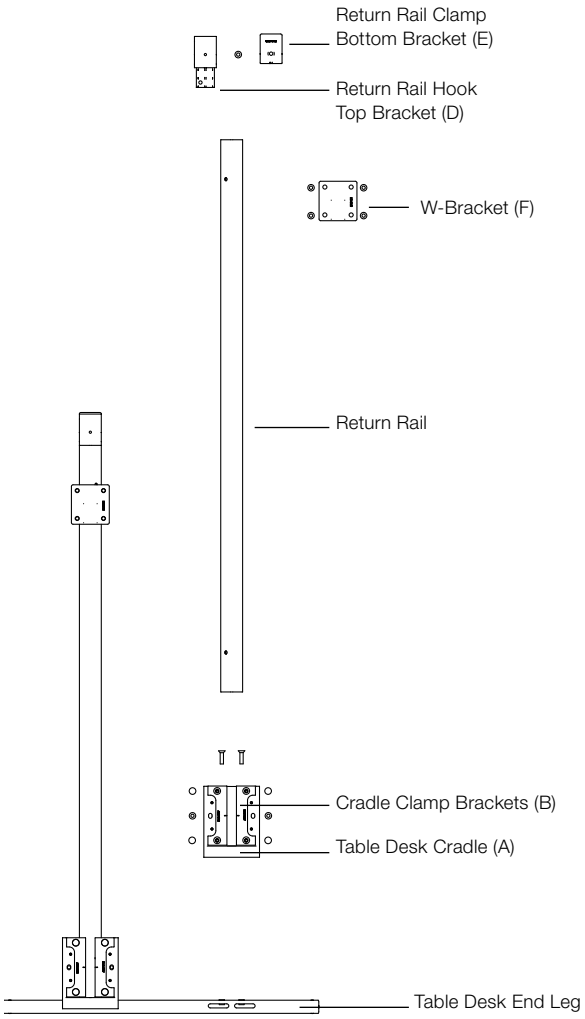
   Return rails are 9" longer than the return top width when connected to a 30"d main top.

   Slide rail into cradle/clamp assembly with rail paint holes facing up and toward center of table desk assembly.

   NOTE: End of rail must be fully inserted against (not on top of) the "fins" at the back of the cradle. No endcaps are required.

   Tighten the screws (I) in cradle clamp brackets (B).
4. Attach return rail hook top brackets (D) to other end of each return rail.
5. Locate return rail hook top brackets (D) perpendicular to and on top of main table desk rail. Attach a return rail clamp bottom bracket (E) with (1) ¼ -20 X 1" machine screw (H) to each return rail hook top bracket (D). Main table desk top may need to be loosened to allow clamp to be installed.
6. If applicable, add suspended storage units at this time. (see suspended storage installation instructions)
7. Position a W-bracket (F) on each return rail halfway under the main table desk top.
8. Surfaces 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer (C) should be placed between the top of each rail and the underside of the return top, centered on the width of the return top. Spacers (C) are attached to the return top using (1) #12 X ¾" black wood screw (G) per spacer.
9. Lay return top on return rail/leg assembly. Use gauge to properly position top. See Install Gauge Guidelines. Attach return top using (2) #14 x 1" FH wood screws (J) per cradle into pre-drilled holes in the underside of the return top.
10. Secure main table desk top and return top to return rail W-brackets, using (4) #14 x 1" FH wood screws (J) per W-bracket (F).
11. Adjust glides as needed to level return.

Table Desk with Return (Flush Leg on Return), continued



Exploded Return Assembly Plan View

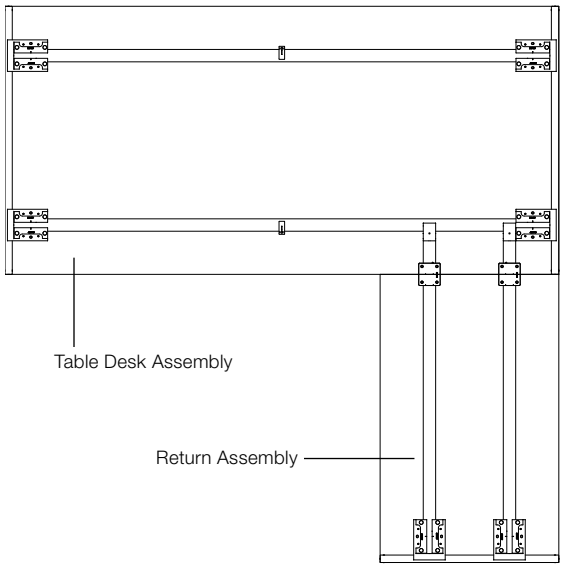
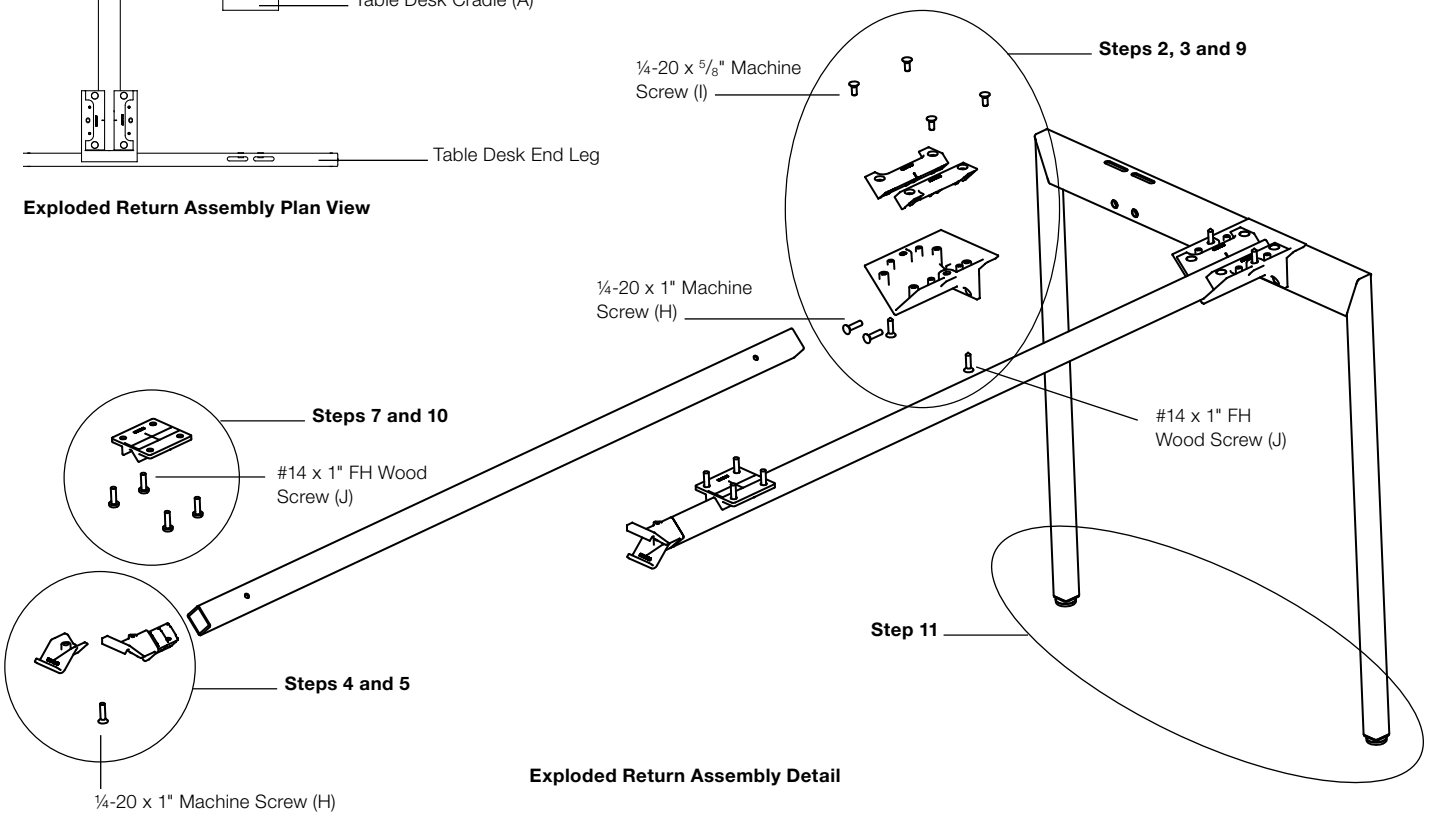


Table Desk with Return Plan View



Exploded Return Assembly Detail

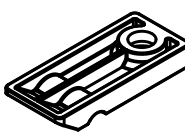
Table Desk or Desk with Bridge

Pattern Numbers Represented:
Bridge Rails, **YBRB_**

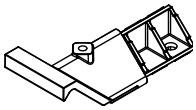
Part List:
Spacer (A)
Return Rail Hook Top Bracket (B)
Return Rail Clamp Bottom Bracket (C)
W-Bracket (D)
#12 X ¾" Black Wood Screw (E)
¼-20 x 1" Machine Screw (F)
#14 x 1" FH Wood Screw (G)
Rails
Bridge Top

Tools Needed:
Drill
Phillips #2 and #3 bits
Install Gauge

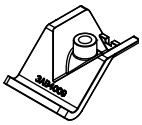
A.) 3AB401252



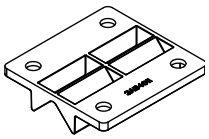
B.) 3AB4008*



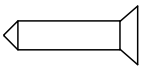
C.) 3AB4009*



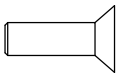
D.) 3AB4095*



E.) 7196440



F.) 7194140



G.) 7434100

STEPS:

1. Build desk or table desk assemblies (see desk or table desk assembly instructions).
2. Attach return rail hook top bracket (B) to both ends of each bridge rail.
3. Locate return rail hook top brackets (B) perpendicular to and on top of main table desk rails. Attach a return rail clamp bottom bracket (C) with (1) ¼-20 x 1" machine screw (F) to each return rail hook top bracket (B). Main table desk top may need to be loosened to allow clamp to be installed.

   NOTE: Bridge rail length varies according to application.

   For example: Rail length will be 6" longer than bridge width when attached to (2) 24"d main tops.

   Rail length will be 9" longer than bridge width when attached to (1) 24"d and (1) 30"d main top.
4. If applicable, add suspended storage units at this time. (see suspended storage installation instructions)
5. Place a W-bracket (D) on each return rail, positioned halfway under each main table desk top.
6. Surfaces 48" wide and greater require a spacer (A) for additional support. When necessary, a spacer (A) should be placed between the top of each rail and the underside of the bridge top, centered on the width of the bridge top. Spacers (A) are attached to the bridge top using (1) #12 X ¾" black wood screw (E) per spacer.
7. Lay bridge top on bridge rail assembly. Use gauge to properly position top and adjust rail position. See Install Gauge Guidelines. Secure main table desk tops and bridge top to bridge rail W-brackets (D), using (4) #14 x 1" FH wood screws (G) per W-bracket.
8. Adjust glides as needed to level completed assembly.

Table Desk or Desk with Bridge, continued

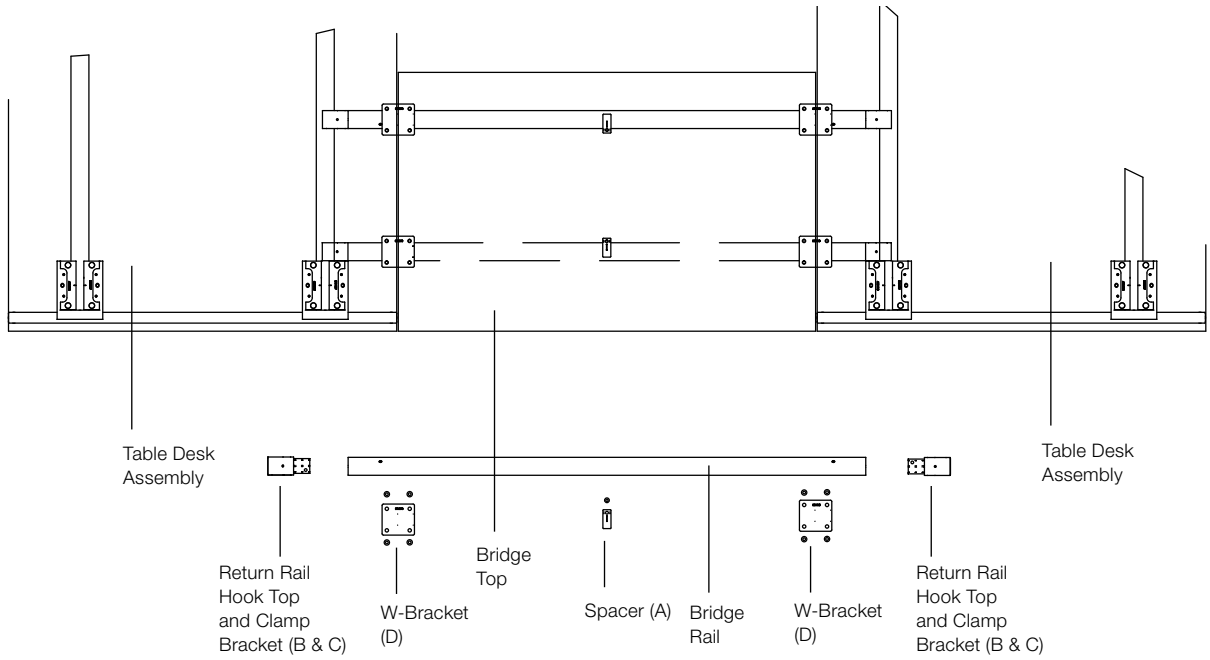
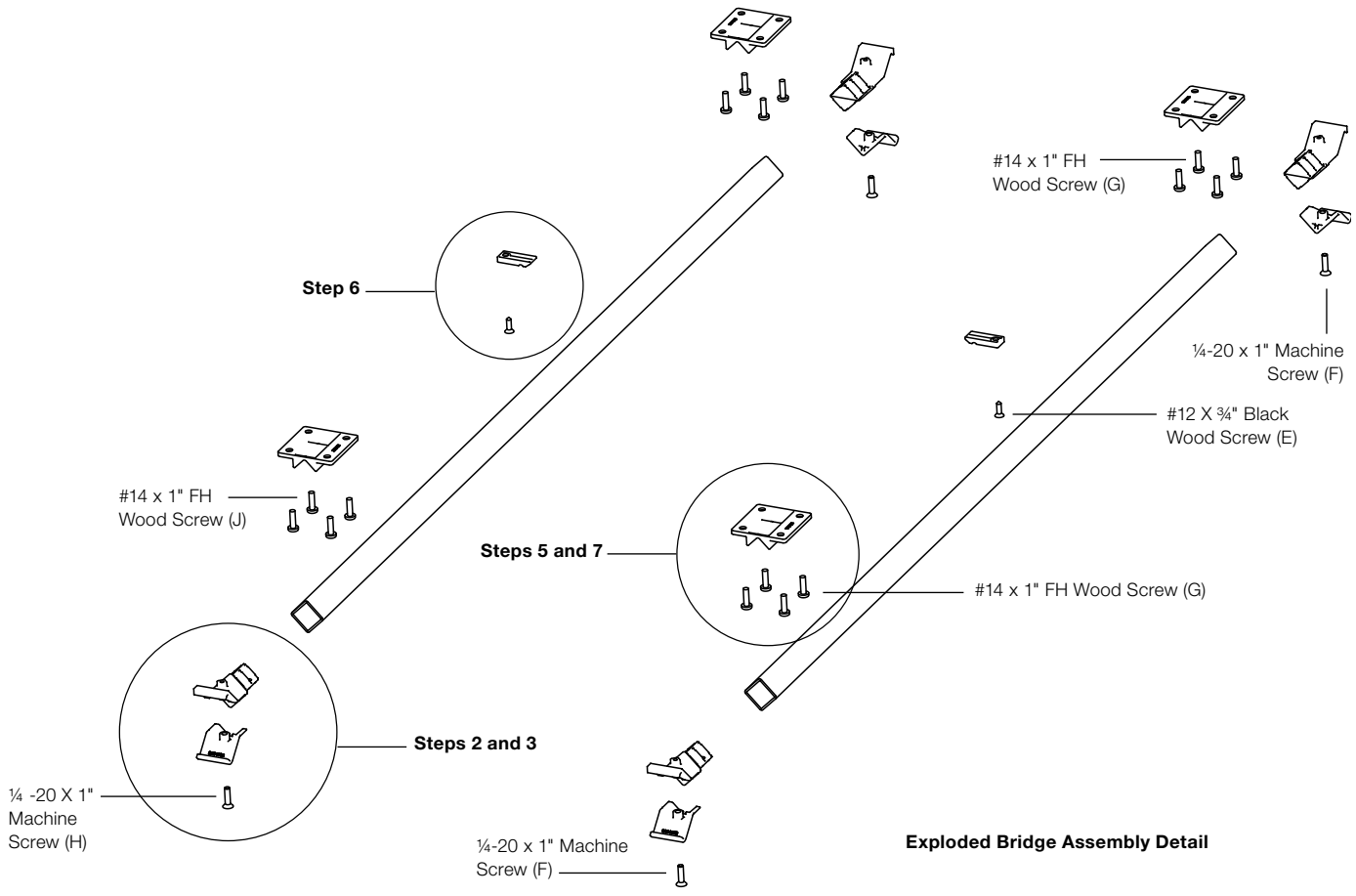


Table Desks with Bridge Plan View



Exploded Bridge Assembly Detail

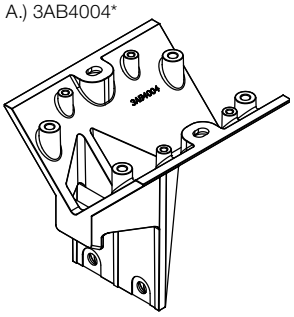
Desk with Extension Top or Cabinet (With Legs Under Worksurface)

Pattern Numbers Represented:
Connector Kit for Desk Extension Tops, **YBCDE**
Connector Kit for Above or Below Desk Extension Cabinets, **YBCDE**
Legs for Desks or Returns (Desk or Standing Height), **YEL__**
Starter Rails with End Caps, **YBRS_**
Fabric Inserts for Above Desk Extension Cabinets, **YSDXFB_**

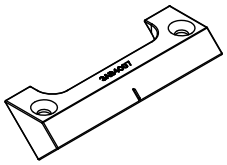
Part List:
Horizontal Rail Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
W-Bracket (D)
¼-20 x 1" Machine Screw (E)
¼-20 x 5/8" Machine Screw (F)
#14 x 1" FH Wood Screw (G)
#12 X ¾" Black Wood Screw (H)
Standard End Cap (I)
End Cap with Support Tab (J)
Rails
Desk End Legs
Top
Fabric Inserts

Tools Needed:
Drill
Install Gauge
Phillips #2 and #3 bits
Rubber Mallet

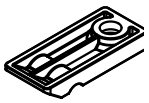
A.) 3AB4004*



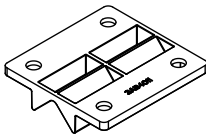
B.) 3AB4007*



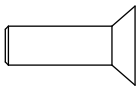
C.) 3AB401252



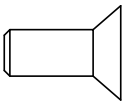
D.) 3AB4095*



E.) 7194140

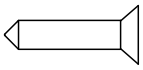


F.) 7189140



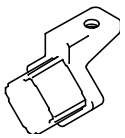
G.) 7434100

H.) 7196440



I.) 3AB4000*

J.) 3AB4014*



STEPS:

1. Attach desk cradles (A) to legs, (2) per leg, using (2) ¼-20 x 1" machine screws (E) per cradle (A).
2. Attach (1) pair of horizontal rails to cradles (A) by first fastening (2) cradle clamp brackets (B) loosely to each cradle (A) using (4) ¼-20 x 5/8" machine screws (F). NOTE: Rails are 12" longer than top width for extension applications. ie: 72" wide tops use 84" wide rails. Install (2) standard end caps (I) into the ends of the rails not receiving an extension top or cabinet with the rubber mallet. Slide one end of each rail into the cradle/clamp assemblies, with rail paint holes facing up and toward the center of the table desk assembly.

   NOTE: If a glass top is being used, holes are to face down and toward center of the table desk assembly.

   Position the outer edge of the cradles (A) 4" from the end of the rail on the side of the assembly that is not to be extended. For the side that is to be extended, the outer edge of the cradles (A) should be inset 12" from the end of the rails. Use gauge to help properly position legs. See Install Gauge Guidelines. Tighten the screws (F) in the cradle clamp brackets (B).
3. Attach other ends of the rails to the (2) cradles (A) in the other leg assembly as noted in step 2.
4. If applicable, attach suspended storage, returns, and/or electrical components at this time. (see suspended storage, table desk with return and electrical installation instructions).
5. Surfaces 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer (C) should be placed between the top of each rail and the underside of the top, centered on the width of the top. Spacers (C) are attached to the top using (1) #12 X ¾" black wood screw (H) per spacer.
6. Lay top on base assembly. Use gauge to properly position top. See Install Gauge Guidelines. Attach top using (2) #14 x 1" FH wood screws (G) per cradle (A) into predrilled holes in the underside of the top.
7. Secure main table desk top and extension top or cabinet using W-brackets (D) and tabbed end caps (J) included in connector kit YBCDE. Use (4) #14 x 1" FH wood screws (G) per W-bracket, and (1) #14 x 1" FH wood screw per end cap.

7a. For extension top applications, attach 15" wide extension top using (4) #14 x 1" FH wood screws (G) per W-bracket. Extended rail should be 4 ½" inset from the outer edge of the extension top.

7b. For above desk extension cabinet applications, place cabinet on top of rails with (4) #14 x 1" FH wood screws (G) per W-bracket. Extended rail should be 4 ½" inset from the outer edge of the extension cabinet.

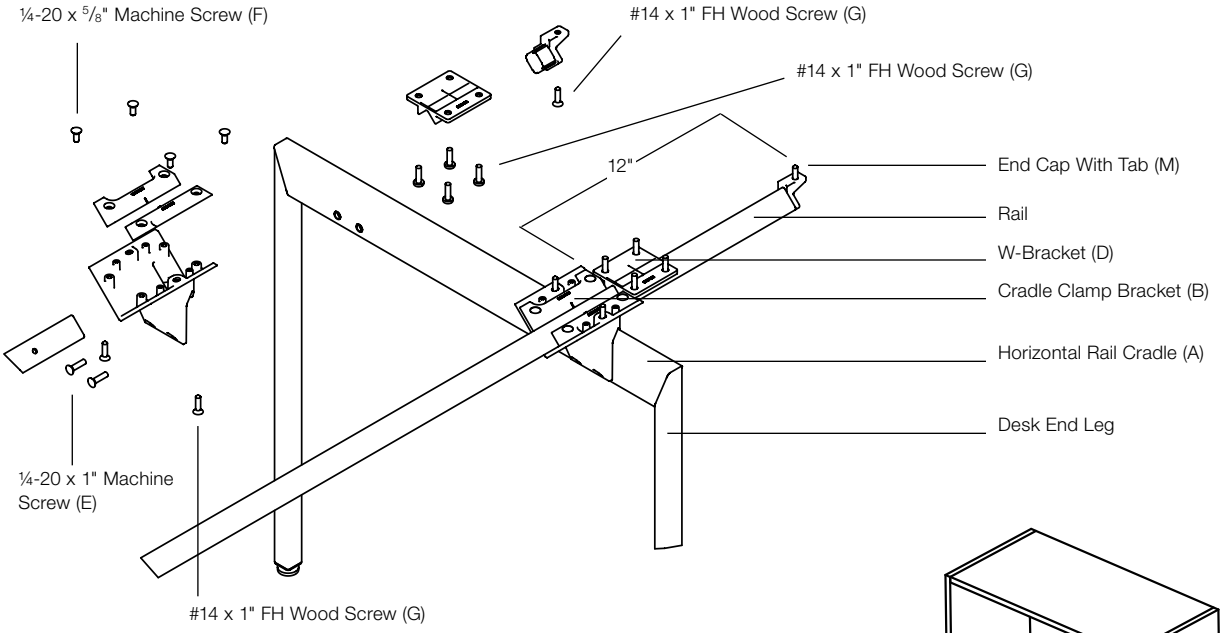
7c. For below desk extension cabinet applications, slide cabinet on rails and attach with (4) #14 x 1" FH wood screws (G) per W-bracket. The top of this cabinet should be on an even plane with the main top. Extended rail should be 4 ½" inset from the outer edge of the extension cabinet.

8. Adjust glides as needed to level desk assembly.

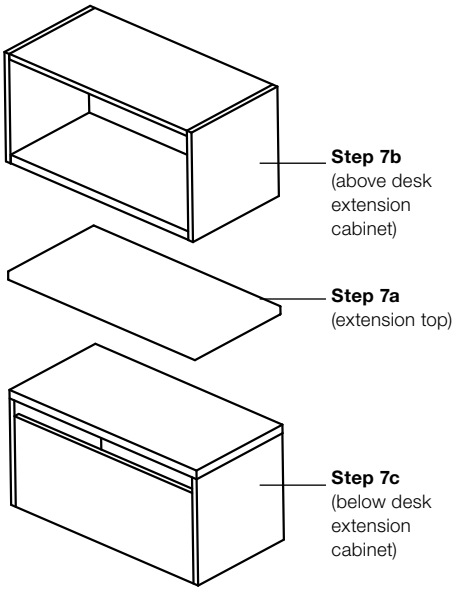
OPTIONAL STEP FOR FABRIC INSERTS:

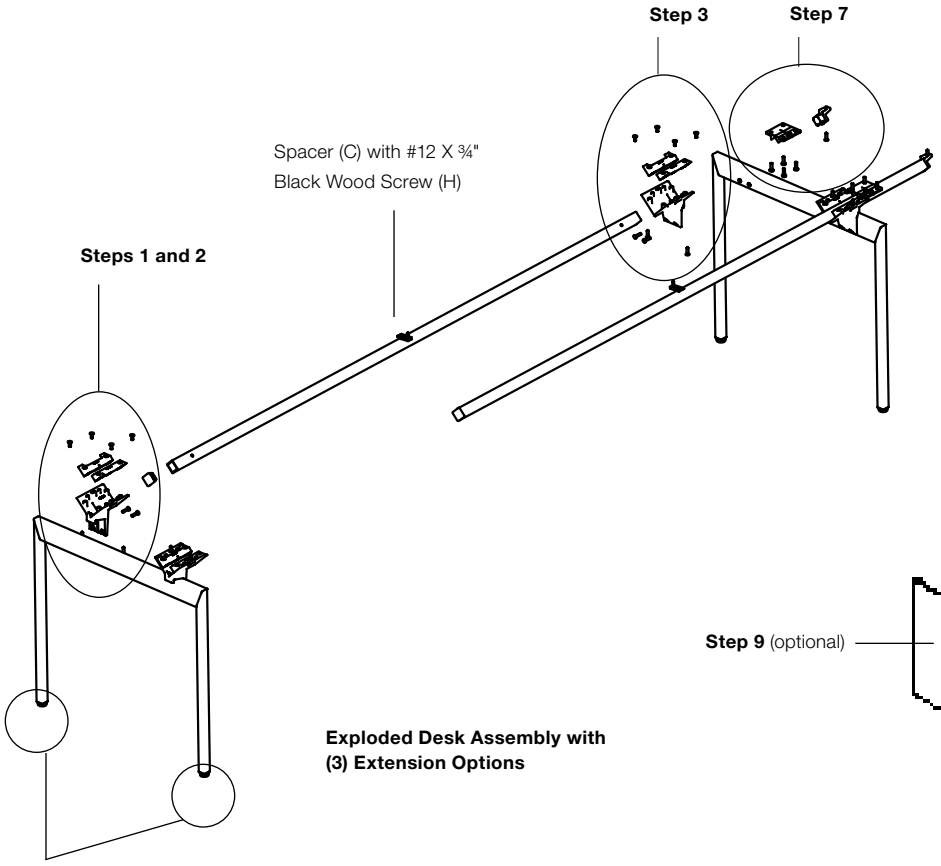
9. Remove paper backing from double sided adhesive tape. Place fabric insert in the recess behind the back of the extension cabinet, pressing the four corners firmly to attach.

Desk with Extension Top or Cabinet (With Legs Under Worksurface)

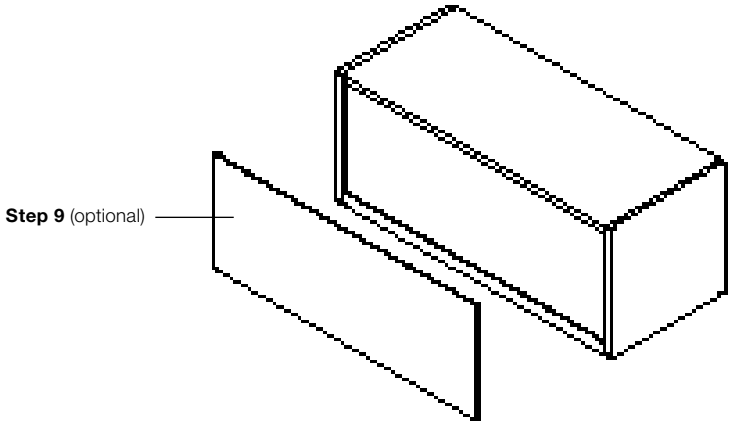


Exploded Desk with Extended Rails Detail





Exploded Desk Assembly with (3) Extension Options



Fabric Inserts are Installed in the Back of Above Desk Extension Cabinets

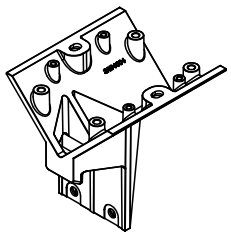
Desk with Above Desk Extension Cabinet (With Legs under Cabinet)

Pattern Numbers Represented:
Connector Kit for Above Desk Extension Cabinets, **YSDXUP**
Legs for Desks or Returns (Desk or Standing Height), **YEL__**
Starter Rails with End Caps, **YBRS_**
Fabric Inserts for Above Desk Extension Cabinets, **YSDXFB_**

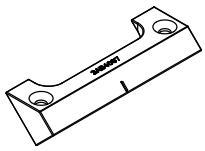
Part List:
Horizontal Rail Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
W-Bracket (D)
¼-20 x 1" Machine Screw (E)
¼-20 x 5/8" Machine Screw (F)
#14 x 1" FH Wood Screw (G)
#12 X ¾" Black Wood Screw (H)
Standard End Cap (I)
Rails
Desk End Legs
Top
Above Desk Extension Cabinet
Fabric Inserts

Tools Needed:
Drill
Phillips #2 and #3 bits
Rubber Mallet
Install Gauge

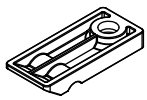
A.) 3AB4004*



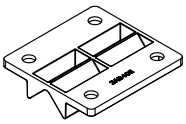
B.) 3AB4007*



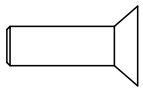
C.) 3AB401252



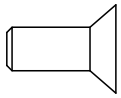
D.) 3AB4095*



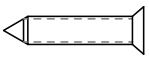
E.) 7194140



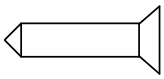
F.) 7189140



G.) 7434100



H.) 7196440



I.) 3AB4000*

STEPS:

1. Attach desk cradles (A) to legs, (2) per leg, using (2) ¼-20 x 1" machine screws (E) per cradle (A).
2. Attach (1) pair of horizontal rails to cradles (A) by first fastening (2) cradle clamp brackets (B) loosely to each cradle (A) using (4) ¼-20 x 5/8" machine screws (F).

   NOTE: Rails are 12" longer than top width for extension applications. ie: 72" wide tops use 84" wide rails. (Note: 84" is nominal. Actual length for 84" starter rails is 81".)

   Install (4) standard end caps (I) into the ends of the rails with the rubber mallet. Slide one end of each rail into the cradle/clamp assemblies, with rail paint holes facing up and toward the center of the table desk assembly.

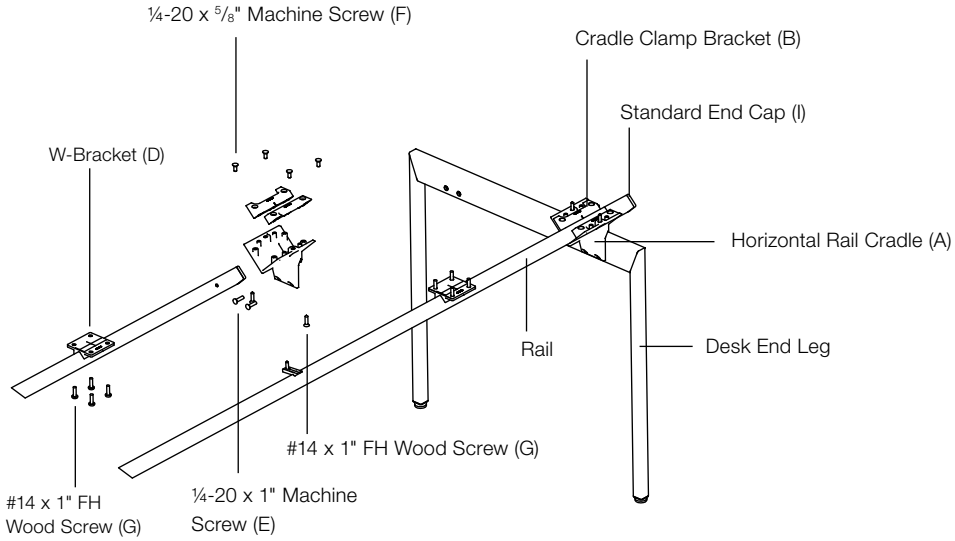
   NOTE: If a glass top is being used, holes are to face down and toward center of the table desk assembly.

   Position the outer edge of the cradles (A) 4" from the end of the rail. Use gauge to help properly position rails. See Install Gauge Guidelines. Tighten the screws (F) in the cradle clamp brackets (B).
3. Attach other ends of the rails to the (2) cradles (A) in the other leg assembly as noted in step 2.
4. If applicable, attach suspended storage, returns, and/or electrical components at this time. (see suspended storage, table desk with return and electrical installation instructions).
5. Surfaces 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer (C) should be placed between the top of each rail and the underside of the top, centered on the width of the top. Spacers (C) are attached to the top using (1) #12 X ¾" black wood screw (H) per spacer.
6. Lay main top on base assembly over one pair of legs. Use gauge to properly position top on the rails. See Install Gauge Guidelines.
7. Place (2) W-brackets (D), (included in connector kit YSDXUP), halfway under the end of the main top that is to join with the extension cabinet.
8. Attach the main top to the cradles using (2) #14 x 1" FH wood screws (G) per cradle (A) into predrilled holes in the underside of the top.
9. Place the extension cabinet on top of the W-brackets (D) placed in step 7 and the cradles on the other pair of legs, aligning the cabinet with the main top. The extended rail should be inset 4 ½" from the outer edge of the extension cabinet.
10. Attach the extension cabinet to the cradles (A) using (2) #14 x 1" FH wood screws (G) per cradle.
11. Secure the main top and extension cabinet together by using (4) #14 x 1" FH wood screws (G) per W-bracket under the connection seam (placed in step 7).
12. Adjust glides as needed to level desk assembly.

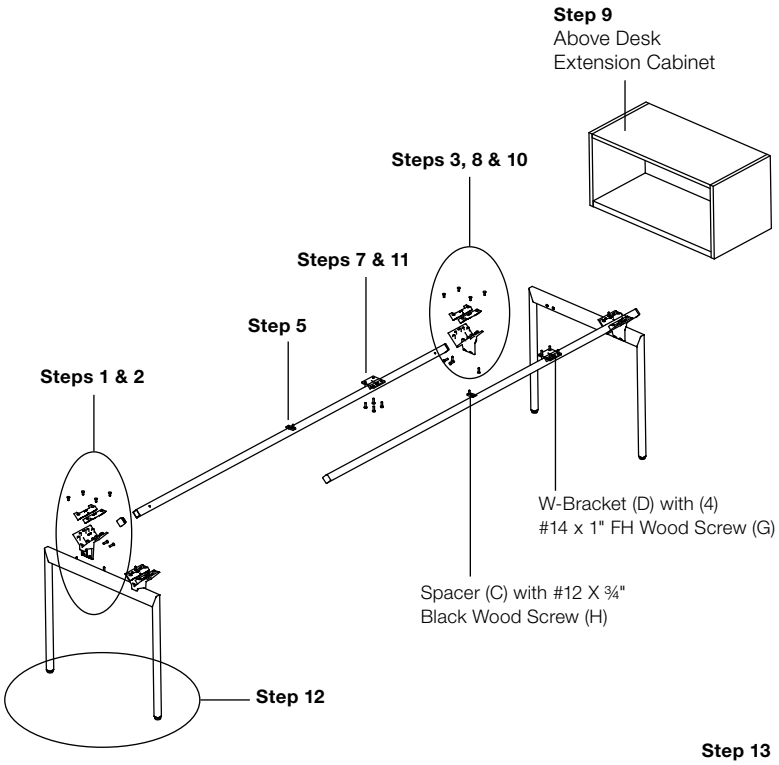
OPTIONAL STEP FOR FABRIC INSERTS:

13. Remove paper backing from double sided adhesive tape. Place fabric insert in the recess behind the back of the extension cabinet, pressing the four corners firmly to attach.

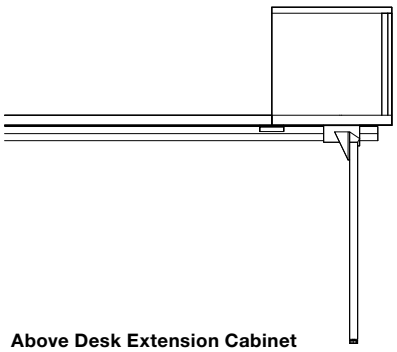
Desk with Above Desk Extension Cabinet (With Legs under Cabinet)



Exploded Desk Assembly with Extended Rails for Above Desk Extension Cabinet (Legs under Cabinet) Detail

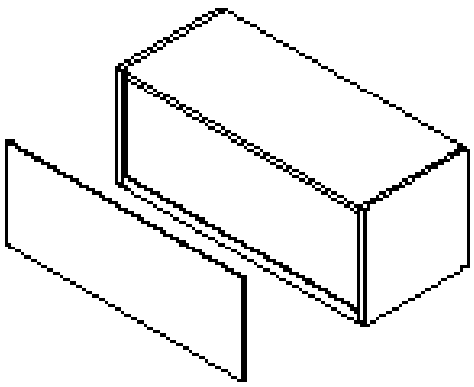


Exploded Desk Assembly with Above Desk Extension Cabinet with Legs under Cabinet



Above Desk Extension Cabinet Elevation, Leg Under Cabinet

Step 13 (optional)



Fabric Inserts are Installed in the Back of Above Desk Extension Cabinets

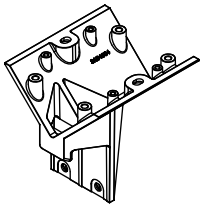
Back-to-Back Desks

Pattern Numbers Represented:
End Legs for Back to Back Desks (Desk Height), **YELD_**
Starter Rails with End Caps, **YBRS_**
Extended Rails (for Step 5 only), **YBRE_**
Flat Brackets (for Step 5 only), **YBF**

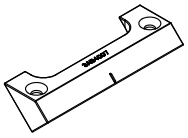
Parts List:
Horizontal Rail Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
#12 X ¾" Black Wood Screw (D)
¼-20 x 1" Machine Screw (E)
¼-20 x 5/8" Machine Screw (F)
#14 x 1" FH Wood Screw (G)
Flat Bracket (H)
End Legs for Back to Back Desks
Rails
End Caps
Tops

Tools Needed:
Drill
Phillips #2 and #3 bits
Rubber Mallet
Install Gauge

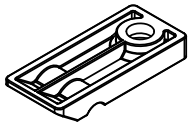
(A) 3AB4004*



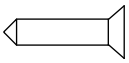
(B) 3AB4007*



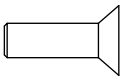
(C) 3AB401252



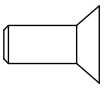
(D) 7196440



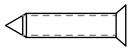
(E) 7194140



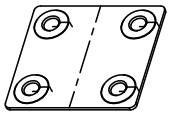
(F) 7189140



(G) 7434100



H.) 3AB4074115



STEPS:

1. Attach cradles (A) to legs, (4) per leg, using (2) ¼-20 x 1" machine screws (E) per cradle (A).
2. Attach (2) pairs of starter rails to cradles in first end leg by first fastening (2) cradle clamp brackets (B) loosely to each cradle using (4) ¼-20 x 5/8" machine screws (F). Slide one end of each starter rail into a cradle/clamp assembly, with rail paint holes facing up and toward the center of the desk assembly. If glass tops are being used, holes are to face down and toward the center of the table desk assembly.

   NOTE: Starter rails are typically 3" shorter than top width. i.e.: 72" wide tops use 69" wide rails.
3. For a two position back-to-back application, install (8) end caps into the ends of the rails with a rubber mallet, then slide the other ends of the rails into the other desk end leg assembly.

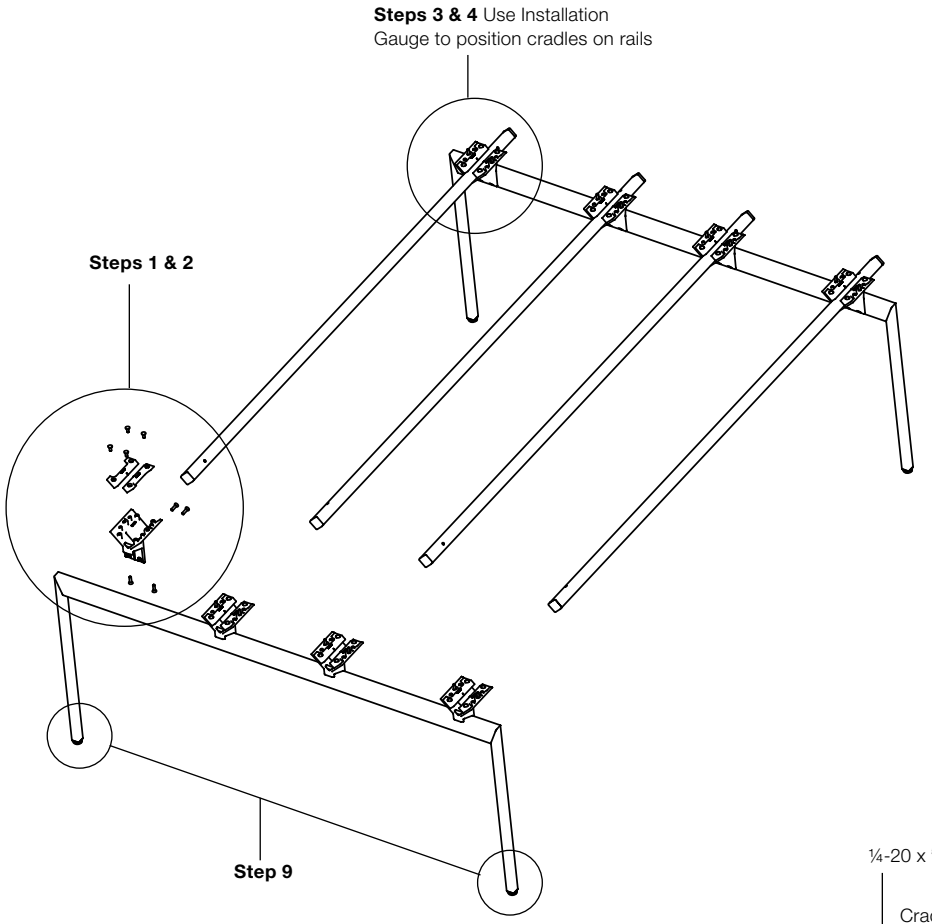
   For linked applications greater than two positions, install (4) end caps into the ends of the starter rails that are not being linked to the next desk.
4. Position the outer edge of each cradle (A) 4" from the ends of the rails. Use install gauge to help properly position leg. See Install Gauge Guidelines. Tighten the screws (F) in the cradle clamp brackets (B). For two position back-to back applications skip step 5.
5. If applicable (for installation of back-to-back desks with greater than two positions), attach the ends of the rails without end caps to another end leg cradle/clamp assembly. Then, slide extended rails into this assembly. Starter rails and extended rails should meet in the center of the cradle. Adjust the leg assembly position accordingly until this alignment is met. (See Linked Desk section for starter rail/ extended rail cradle alignment detail). Repeat step 5 for all desktop positions, using install gauge to properly position outermost legs. See Install Gauge Guidelines.

   NOTE: Extended rails are typically the same length as a desk top. i.e.: 72" wide tops use 72" wide rails.

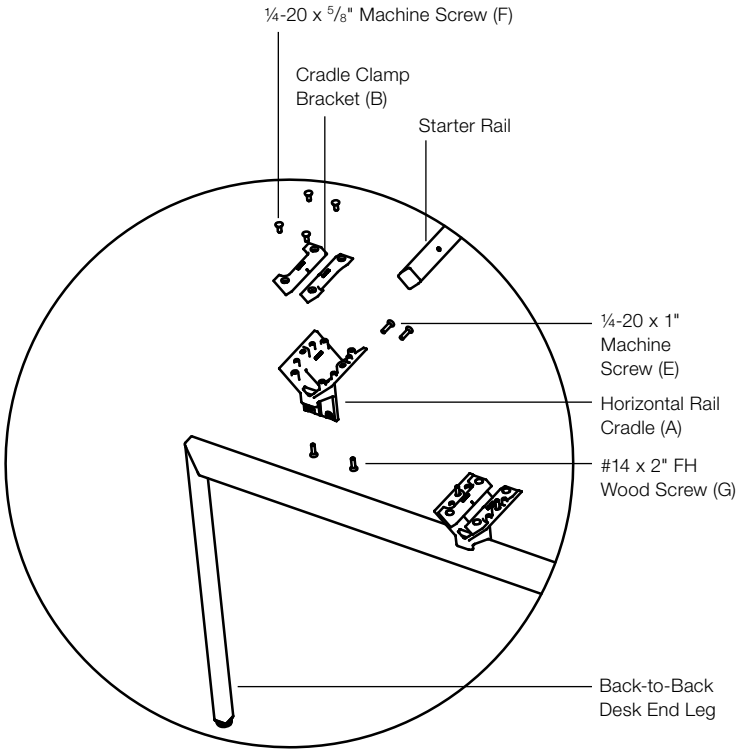
   NOTE: Horizontal rail cradles (A) mounted to starter rails will be oriented to face each other. Any additional horizontal rail cradles (A) mounted to extended rails will be oriented to face the starter rails. See the Back-to-Back Linked Desks Plan View (Four Position) diagram that follows.

   Install end caps into the ends of the last pair of extended rails with a rubber mallet. Tighten the screws (F) in the cradle clamp brackets (B).
6. If applicable, attach suspended storage, returns and/or electrical components at this time. (see suspended storage, desk with return and electrical installation instructions)
7. Lay tops on base assembly. Use install gauge to properly position tops. See Install Gauge Guidelines. Attach tops using (2) #14 x 1" FH wood screws (G) per cradle (A). For linked applications greater than two positions, install (2) flat brackets (H) to each top-to top connection using (4) #14 x 1" FH wood screws (G) per flat bracket.
8. Surfaces 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer should be placed between the top of each rail and the underside of the top, centered on the width of the top. Spacers are attached to the top using (1) #12 X ¾" black wood screw (D) per spacer.
9. Adjust glides as needed to level desk assembly.

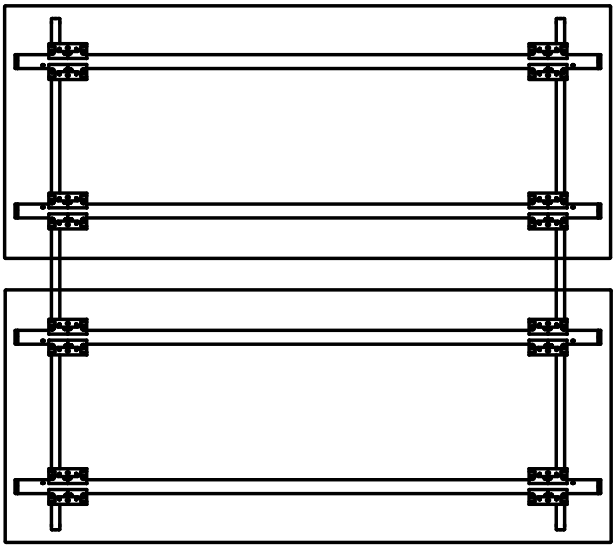
Back-to-Back Desks, continued



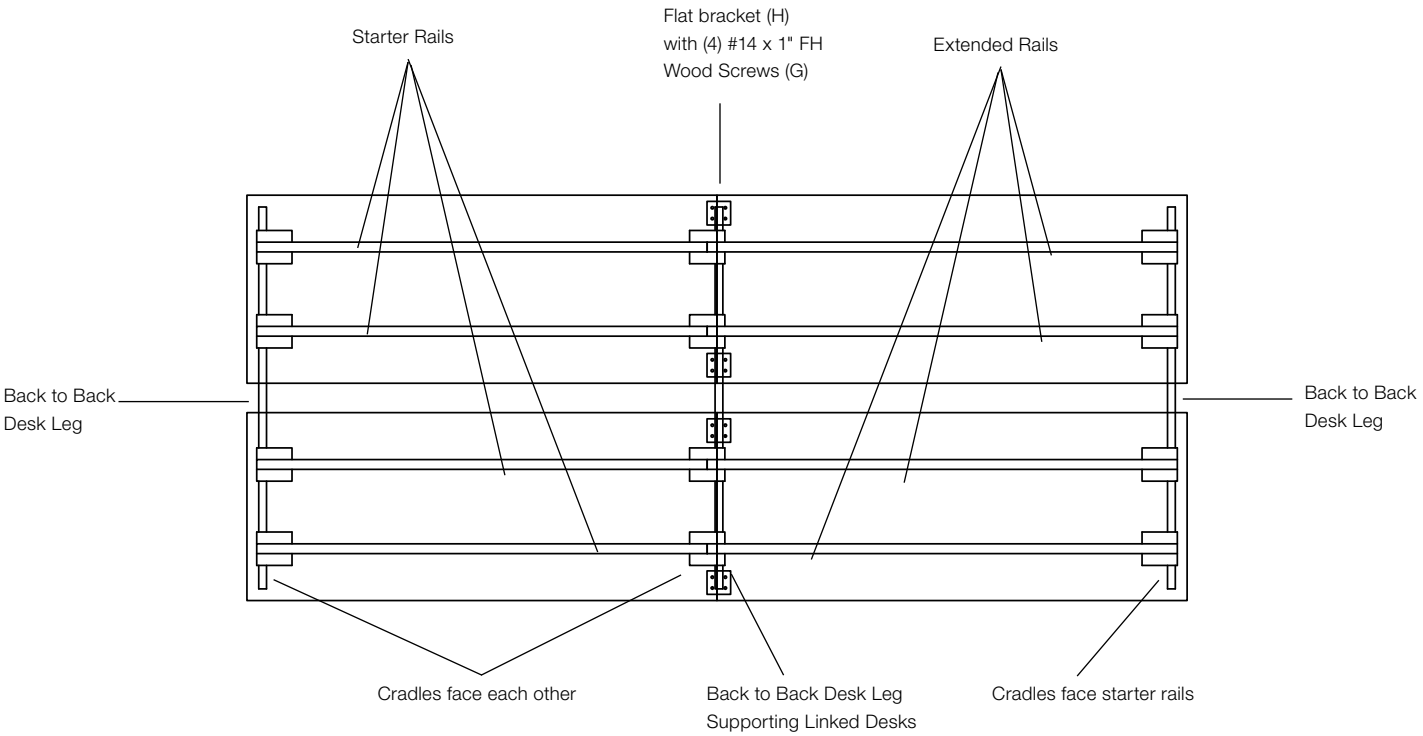
Exploded Back-to-Back Desk Assembly



Back-to-Back Desks, continued



Back-to-Back Desks Plan View (Two Position)



Back-to-Back Linked Desks Plan View (Four Position)
see Step 5

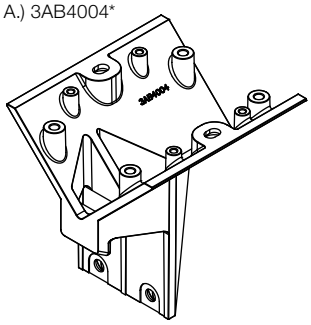
Linked Desks

Pattern Numbers Represented:
Legs for Desks or Returns (Desk or Standing Height), **YEL**__
Starter Rails with End Caps, **YBRS**_
Extended Rails, **YBRE**_
Flat Brackets, **YBF**

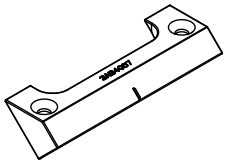
Part List:
Horizontal Rail Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
#12 X ¾" Black Wood Screw (D)
¼-20 x 1" Machine Screw (E)
¼-20 x $^{5}/_{8}$" Machine Screw (F)
#14 x 1" FH Wood Screw (G)
Flat Bracket (H)
Tops
Starter Rails
Extended Rails
Desk End Legs
End Caps

Tools Needed:
Drill
Phillips #2 and #3 bits
Install Gauge
Rubber Mallet

A.) 3AB4004*

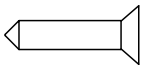


B.) 3AB4007*

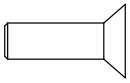


C.) 3AB401252

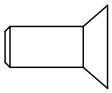
D.) 7196440



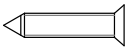
E.) 7194140



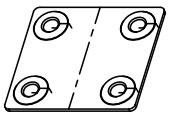
F.) 7189140



G.) 7434100



H.) 3AB4074115



STEPS:

1. Attach horizontal rail cradles (A) to all legs, (2) per leg, using (2) ¼-20 x 1" machine screws (E) per cradle (A).
2. Attach (1) pair of starter rails to cradles in first pair of end legs by first fastening (2) cradle clamp brackets (B) loosely to each cradle using (4) ¼-20 x $^{5}/_{8}$" machine screws (F). Slide one end of each starter rail into a cradle/clamp assembly, with rail paint holes facing up and toward the center of the desk assembly. If glass tops are being used, holes are to face down and toward center of the table desk assembly

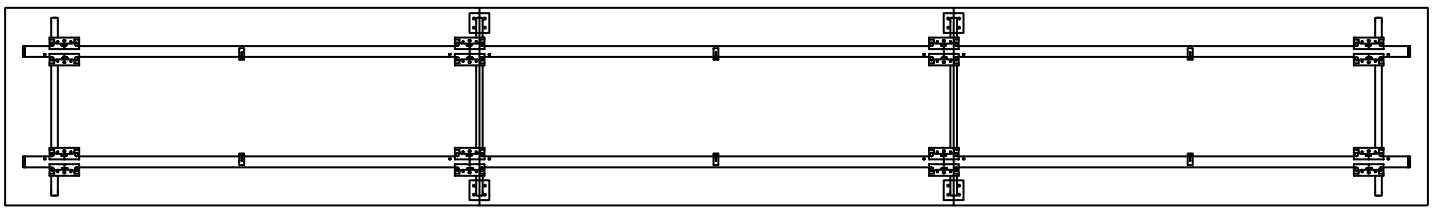
   NOTE: Starter rails are typically 3" shorter than top width. ie: 72" wide tops use 69" wide rails. Position the outer edge of each cradle (A) 4" from the end of the rail. Use install gauge to help properly position this outermost leg. See Install Gauge Guidelines. Tighten the cradle clamp brackets (B).
3. Install (2) end caps into the ends of the starter rails that are not being linked to the next desk with a rubber mallet.
4. Attach the ends of the rails without end caps to another end leg cradle/clamp assembly. Then, slide extended rails into this assembly. Starter rails and extended rails should meet in the center of the cradle. Adjust the leg assembly position accordingly until this alignment is met.

   Repeat step 4 for all desktop positions, using install gauge to properly position outermost legs. See Install Gauge Guidelines.

   NOTE: Extended rails are typically the same length as a desk top. ie: 72" wide tops use 72" wide rails.

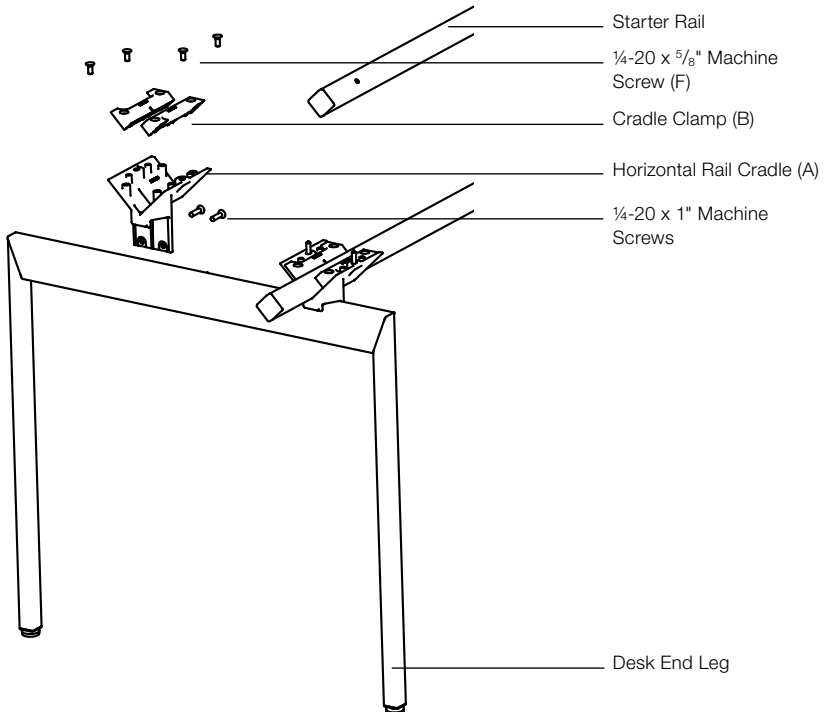
   NOTE: Horizontal rail cradles (A) mounted to starter rails will be oriented to face each other. Any additional horizontal rail cradles (A) mounted to extended rails will be oriented to face the starter rails. See the Triple Linked Desks Plan View diagram that follows.

   Tighten the screws (F) in all cradle clamp brackets (B).
5. Install (2) end caps into the ends of the last pair of extended rails with a rubber mallet.
6. If applicable, attach suspended storage, returns and/or electrical components at this time. (see suspended storage, desk with return and electrical installation instructions
7. Lay tops on base assembly. Use install gauge to properly position tops. See Install Gauge Guidelines. Attach tops using (2) #14 x 1" FH wood screws (G) per cradle (A). Secure (2) flat brackets (H) to each top-to-top connection using (4) #14 x 1" FH wood screws (G) per flat bracket.
8. Surfaces 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer (C) should be placed between the top of each rail and the underside of the top, centered on the width of the top. Spacers (C) are attached to the top using (1) #12 X ¾" black wood screw (D) per spacer.
9. Adjust glides as needed to level desk assembly.

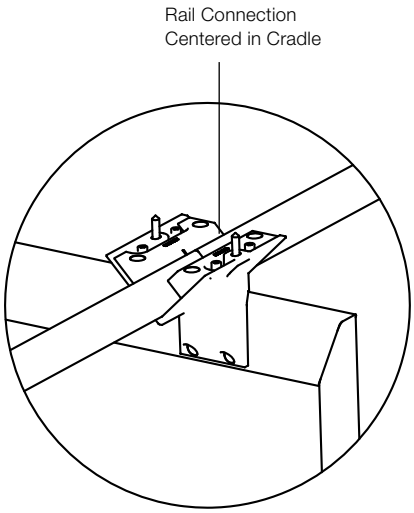


Triple Linked Desks Plan View

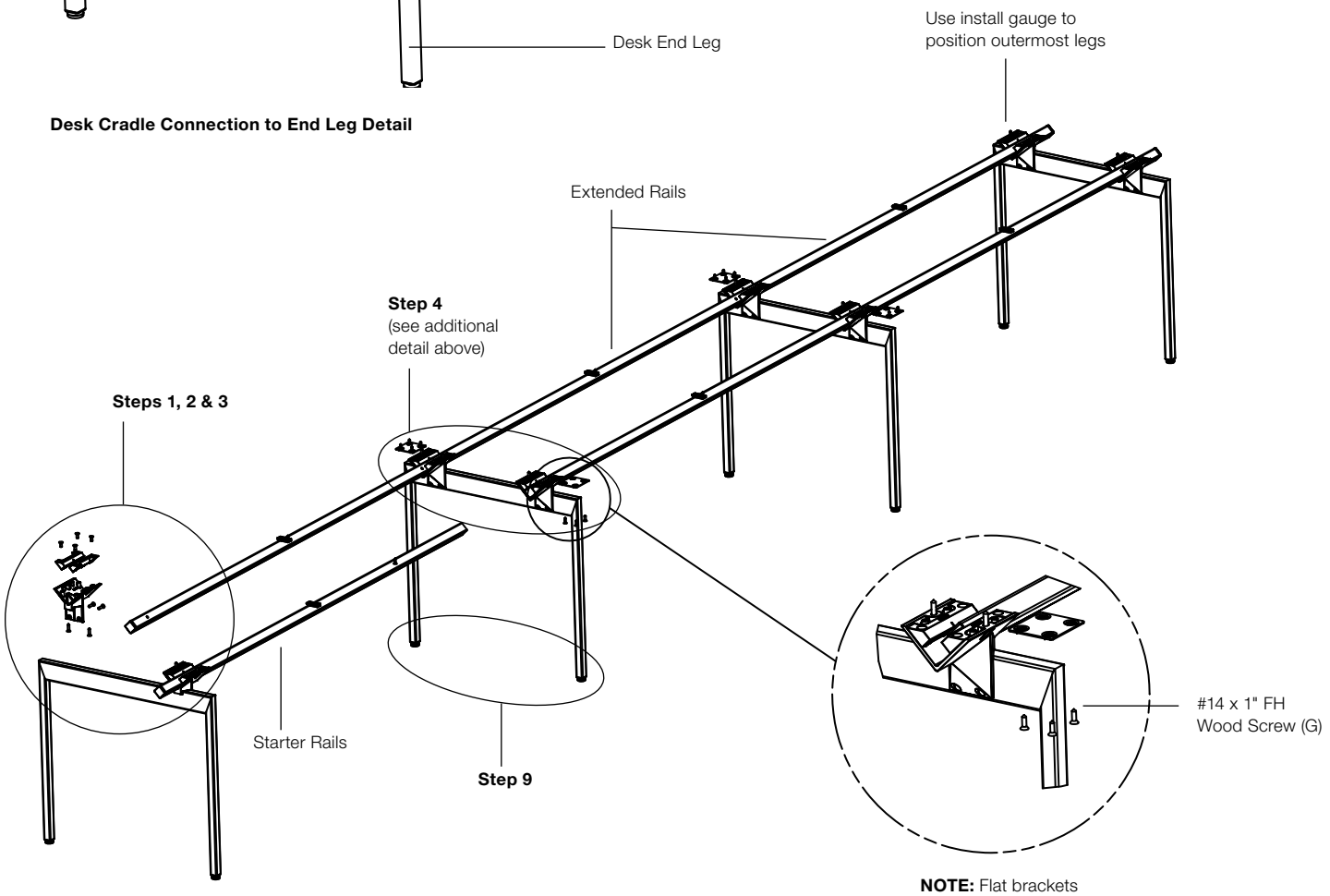
Linked Desks, continued



Desk Cradle Connection to End Leg Detail



Starter Rail/ Extended Rail Cradle Alignment Detail



Exploded Linked Desk Assembly Detail

NOTE: Flat brackets must be used to connect linked tops (see step 7).

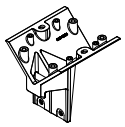
Big Table with Inset Intermediate Leg

Pattern Numbers Represented:
End Leg for Dual Big Tables (Desk Height), **YELDD_**
Inset Intermediate Leg for Dual Big Tables (Desk Height), **YILDD_**
Starter Rails with End Caps, **YBRS_**
Extended Rails, **YBRE_**
Center Beam, **YCB_**
Flat Brackets, **YBF**

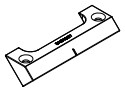
Parts List:
Horizontal Rail Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
#12 X ¾" Black Wood Screw (D)
Center Beam Mounting Bracket (E)
Center Beam Mounting Bracket C-Clamp (F)
Inset Cradle Adapter for Intermediate Leg (G)
Horizontal Rail Inset Intermediate Leg Cradle (H)
Spring Nut (I)
Flat Bracket (J)
¼-20 x 1" Machine Screw (K)
¼-20 x $^{5}/_{8}$" Machine Screw (L)
#14 x 1" FH Wood Screw (M)
M6 x 25mm Machine Screw (N)
$^{5}/_{16}$-18 x 1" Machine Screw (O)
End Legs for Big Table
Inset Intermediate Legs for Big Table
Center Beam
Rails
End Caps
Tops

Tools Needed:
Drill
Phillips #2 and #3 bits
Rubber Mallet
Install Gauge

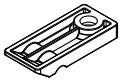
(A) 3AB4004*



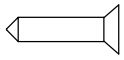
(B) 3AB4007*



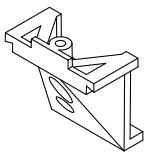
(C) 3AB401252



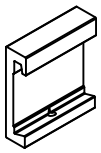
(D) 7196440



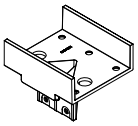
(E) 3AB4061*



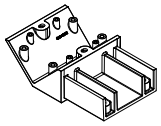
(F) 3AB4062*



(G) 3AB4071*

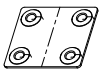


(H) 3AB4072*



(I) 3AB402196

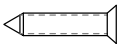
(J) 3AB4074115



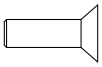
(K) 7194140

(L) 7189140

(M) 7434100



(N) 3AB405540



(O) 4AH400496

STEPS:

1. Attach cradles (A) to end legs, (4) per leg, using (2) ¼-20 x 1" machine screws (K) per cradle (A).
2. Attach (1) center beam mounting bracket (E) to middle of each end leg using (1) ¼-20 x 1" machine screw (K) per bracket (E).
3. Fasten (2) cradle clamp brackets (B) loosely to each cradle using (4) ¼-20 x $^{5}/_{8}$" machine screws (L). Slide one end of each starter rail into an end leg cradle/clamp assembly, with rail paint holes facing up and toward the center of the assembly. If glass tops are being used, holes are to face down and toward the center of the table desk assembly.

   NOTE: Starter rails are typically 3" shorter than top width. i.e.: 72" wide tops use 69" wide rails.
4. Position the outer edge of each cradle (A) 4" from the ends of the rails. Use install gauge to help properly position leg. See Install Gauge Guidelines. Tighten the screws (L) in the cradle clamp brackets (B).
5. Install (4) end caps into the outside ends of the starter rails with a rubber mallet.
6. For each inset intermediate leg create (2) inset cradle adaptor assemblies by first aligning (2) inset cradle adapters (G) with (1) inset intermediate leg cradle (H) per adapter (H). The side of the inset intermediate leg cradle (H) will sit tightly against the cradle adapter (G), enabling (4) pre-drilled holes to align. Fasten the paired components together using (4) $^{5}/_{16}$-18 x 1" machine screws (O) per pair.
7. Position the inset cradle adaptor assemblies, (2) on each inset leg, so they align with the two outermost inserts on the leg. Attach the bottom clamp portion of each inset cradle adaptor assembly to the inset leg with (2) ¼-20 x 1" machine screws (K) per adapter assembly.
8. Attach (2) horizontal rail cradles (A) and (2) center beam mounting brackets (E) to inner portion of inset intermediate legs, using (2) ¼-20 x 1" machine screws (K) for each cradle and bracket.
9. Insert the free ends of the starter rails into one side of the cradles (A) on the inset intermediate leg assembly.
10. Slide two pairs of extended rails into the other side of the cradles on the inset intermediate leg assembly. Starter rails and extended rails should meet in the center of each cradle on the inset intermediate leg assembly. Adjust the leg assembly position accordingly until this alignment is met.

    (See Linked Desk section for starter rail/ extended rail cradle alignment detail). Repeat step 10 for all desktop positions, using install gauge to properly position outermost legs. See Install Gauge Guidelines

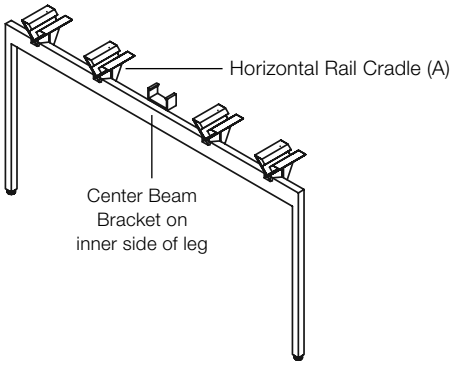
    NOTE: Extended rails are typically the same length as a desk top. i.e.: 72" wide tops use 72" wide rails.

    NOTE: Horizontal rail cradles (A) mounted to starter rails will be oriented to face each other. Any additional horizontal rail cradles (A) mounted to extended rails will be oriented to face the starter rails. See the Plan View of Big Table with Inset Intermediate Leg diagram that follows.

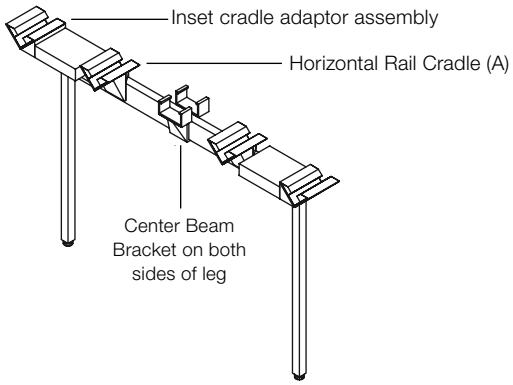
    Install end caps into the ends of the last pair of extended rails with a rubber mallet. Tighten the screws (L) in all cradle clamp brackets (B).
11. Place center beams on center mounting brackets (E) and place spring nuts (I) in bottom slot of center beam. Locate each spring nut (I) directly above the hole in the center mounting bracket (E) and attach using (1) M6 x 25mm machine screw (N) per nut.

    NOTE: Big Table Center Beams nominal lengths are slightly undersized (0.030"-0.040") relative to Table Tops. This is intended to ensure no or minimal spacing between table tops on a Big Table run and should translate into slight gaps between center beams. Efforts should be made to balance these gaps across Big Table runs.

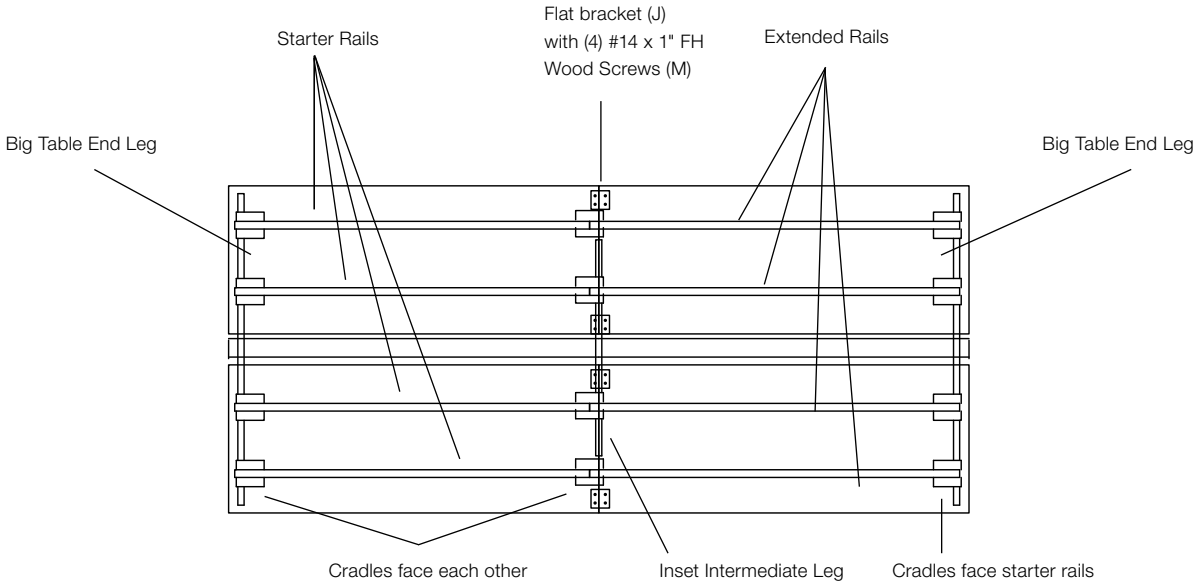
Big Table with Inset Intermediate Leg, continued



Big Table End Leg



Big Table Inset Intermediate Leg



Plan View of Big table with Inset Intermediate Leg

12. Slide center beam mounting bracket C-clamps (F), (2) per center beam mounting bracket (E), into slots on center beam, pushing the C-clamps tightly against the mounting brackets (E).

    NOTE: The C-clamps (F) must be installed.

13. If applicable, attach suspended storage, returns and/or electrical components at this time. (see suspended storage, big table with return and electrical installation instructions)

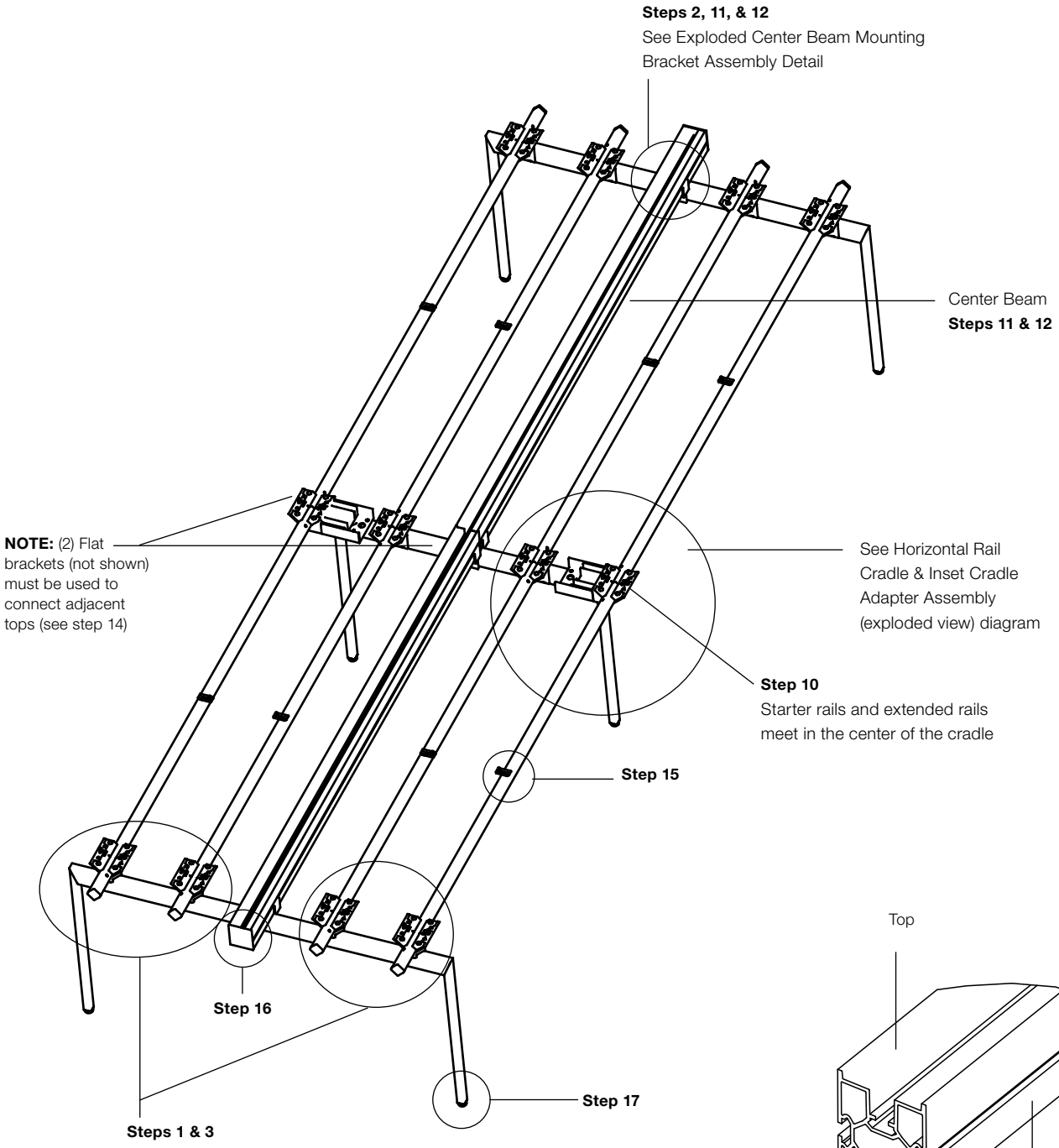
14. Lay tops on base assembly. Use install gauge to properly position tops. See Install Gauge Guidelines. Attach tops using (2) #14 x 1" FH wood screws (M) per cradle (A&H). Secure (2) flat brackets (J) to each top-to-top connection using (4) #14 x 1" FH wood screws (M) per flat bracket.

15. Surfaces 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer should be placed between the top of each rail and the underside of the top, centered on the width of the top. Spacers are attached to the top using (1) #12 X ¾" black wood screw (D) per spacer.

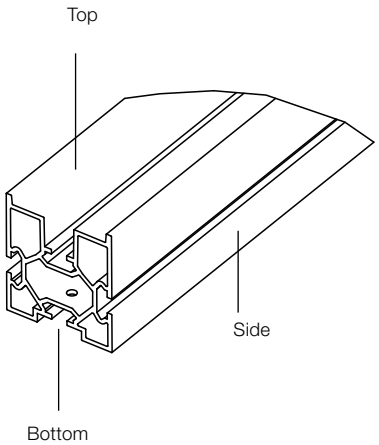
16. Install center beam end caps, as needed, to finish beam ends. (See Center Beam End Cap instructions.)

17. Adjust glides as needed to level big table assembly.

Big Table with Inset Intermediate Leg, continued

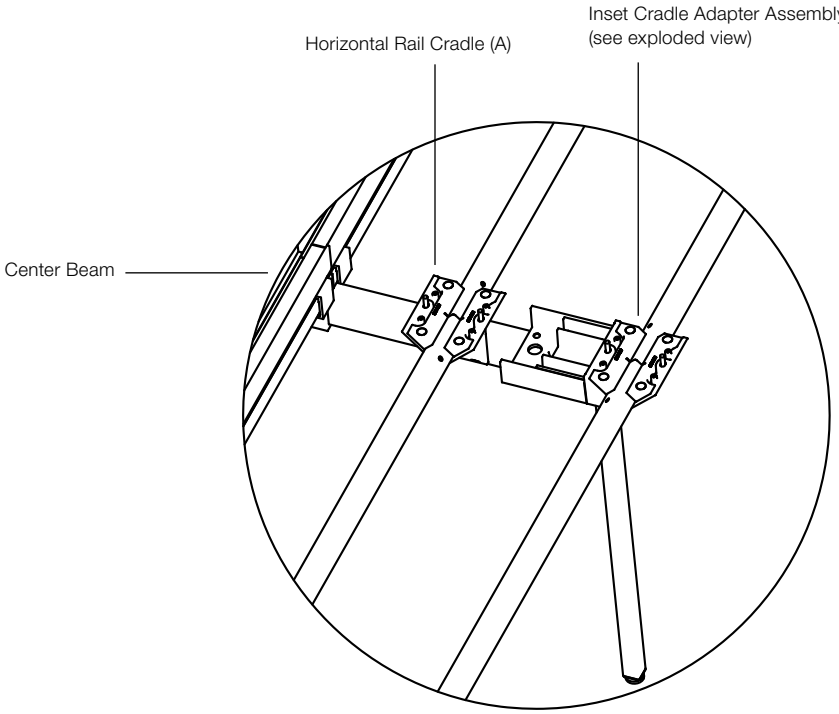


Big Table with Inset Intermediate Leg Assembly

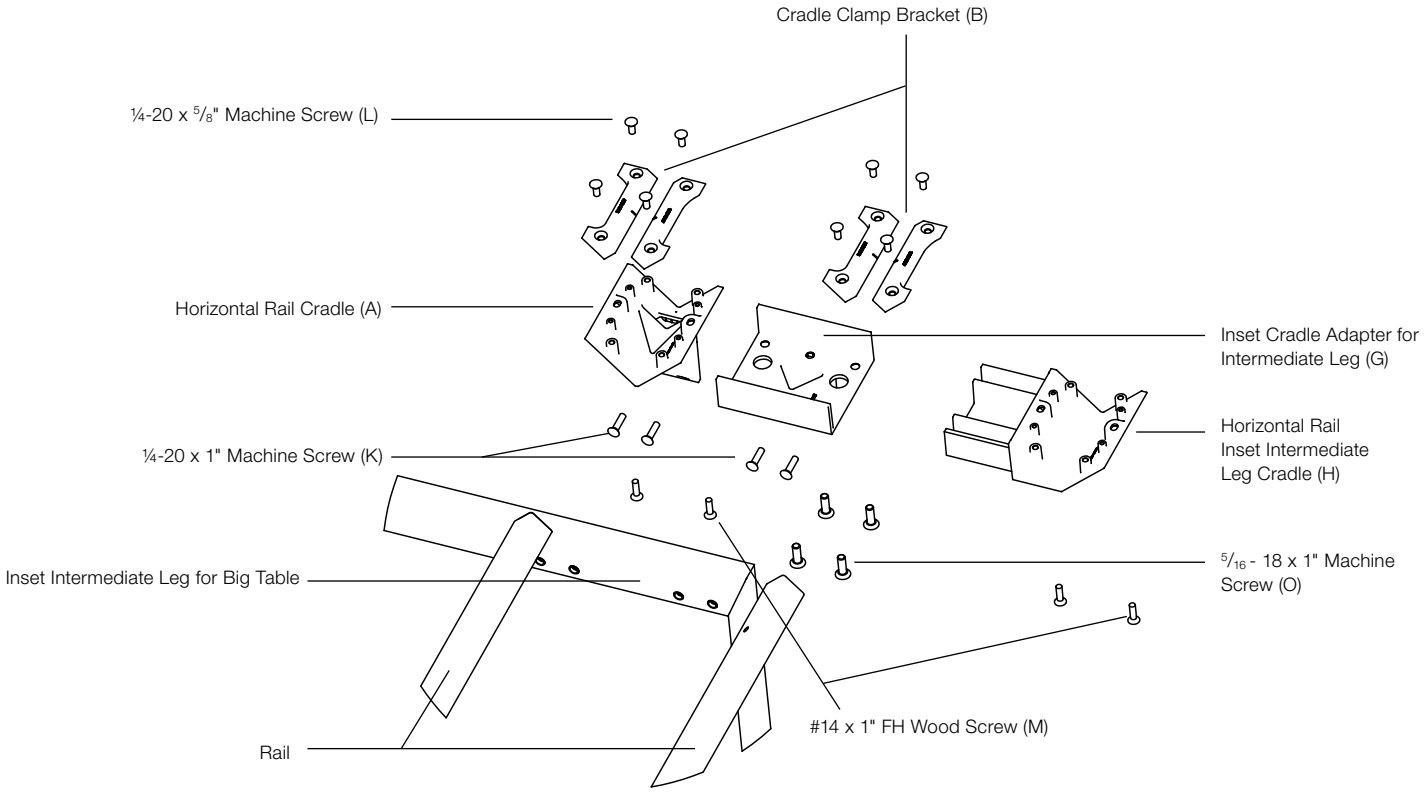


Center Beam Orientation

Big Table with Inset Intermediate Leg, continued

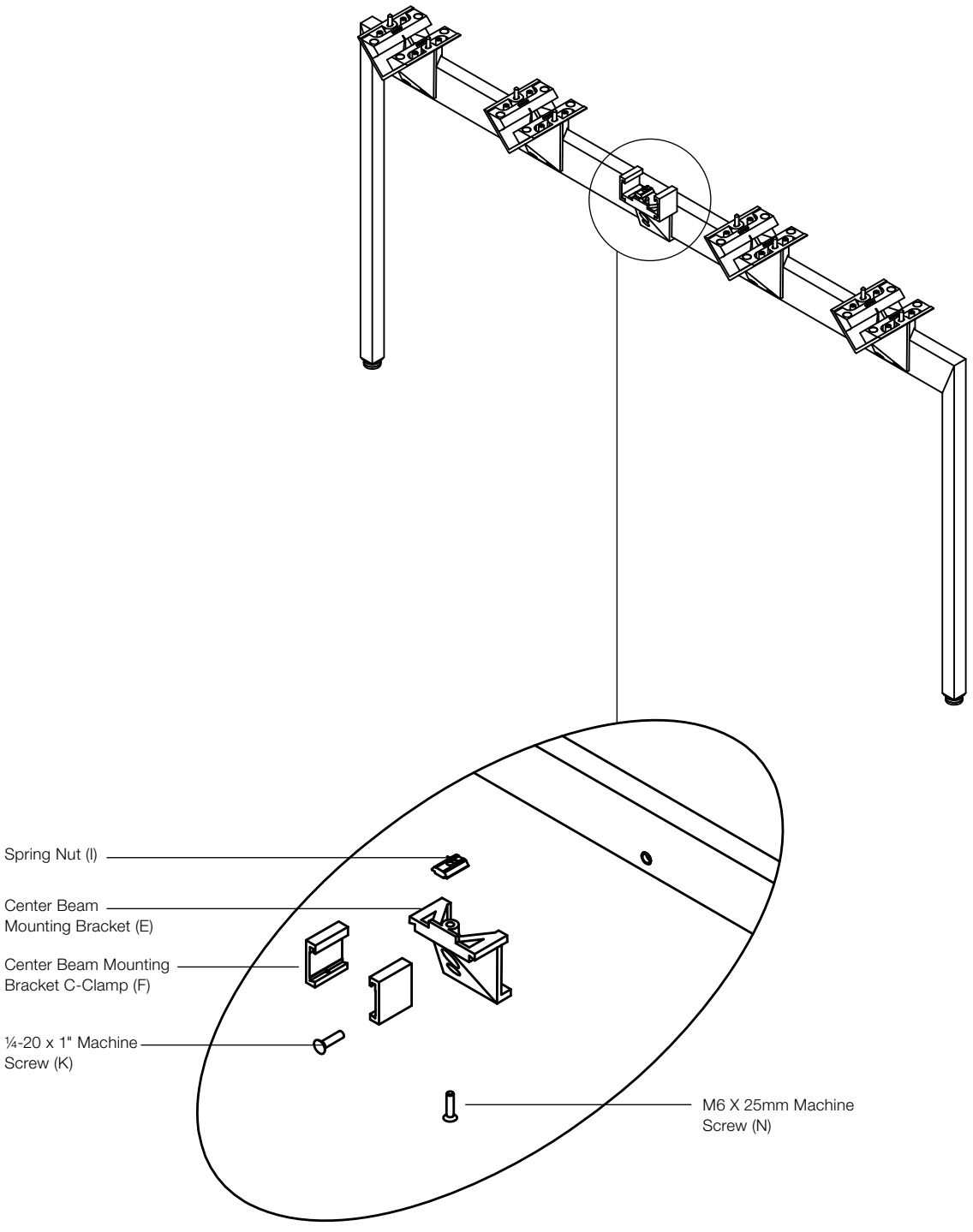


Inset Intermediate Leg Detail



Horizontal Rail Cradle AND Inset Cradle Adapter Assembly (exploded view) Steps 6, 7, & 8

Big Table with Inset Intermediate Leg, continued



Exploded Center Beam Mounting Bracket Assembly Detail. Steps, 2, 11 & 12

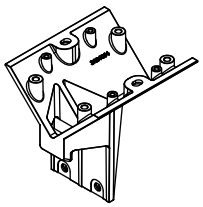
Big Table with Intermediate Leg (Non-Inset)

Pattern Numbers Represented:
End Leg for Dual Big Tables (Desk Height), **YELDD_**
Intermediate Leg for Dual Big Tables (Desk Height), **YILDD_**
Starter Rails with End Caps, **YBRS_**
Extended Rails, **YBRE_**
Center Beam, **YCB_**
Flat Brackets, **YBF**

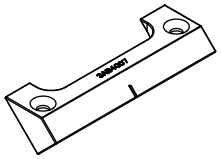
Parts List:
Horizontal Rail Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
#12 X ¾" Black Wood Screw (D)
Center Beam Mounting Bracket (E)
Center Beam Mounting Bracket C-Clamp (F)
Spring Nut (G)
Flat Bracket (H)
¼-20 x 1" Machine Screw (I)
¼-20 x 5/8" Machine Screw (J)
#14 x 1" FH Wood Screw (K)
M6 x 25mm Machine Screw (L)
End Legs for Big Table
Intermediate Legs for Big Table
Center Beam
Rails
End Caps
Tops

Tools Needed:
Drill
Phillips #2 and #3 bits
Rubber Mallet
Install Gauge

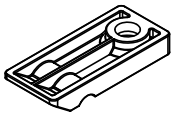
(A) 3AB4004*



(B) 3AB4007*

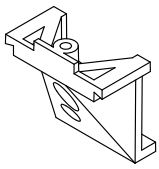


(C) 3AB401252

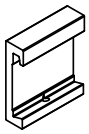


(D) 7196440

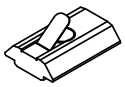
(E) 3AB4061*



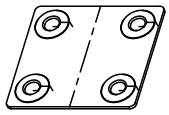
(F) 3AB4062*



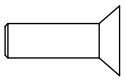
(G) 3AB402196



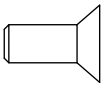
(H) 3AB4074115



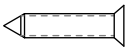
(I) 7194140



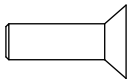
(J) 7189140



(K) 7434100



(L) 3AB405540



STEPS:

1. Attach cradles (A) to end legs, (4) per leg, using (2) ¼-20 x 1" machine screws (I) per cradle (A).
2. Attach (1) center beam mounting bracket (E) to middle of each end leg using (1) ¼-20 x 1" machine screw (I) per bracket (E).
3. Attach (4) cradles (A) and (2) center beam mounting brackets (E) to intermediate legs, using (2) ¼-20 x 1" machine screws (I) for each cradle and bracket.
4. Fasten (2) cradle clamp brackets (B) loosely to each cradle using (4) ¼-20 x 5/8" machine screws (J). Slide one end of each starter rail into an end leg cradle/clamp assembly, with rail paint holes facing up and toward the center of the assembly. If glass tops are being used, holes are to face down and toward the center of the table desk assembly.

   NOTE: Starter rails are typically 3" shorter than top width. i.e.: 72" wide tops use 69" wide rails.
5. Position the outer edge of each cradle (A) 4" from the ends of the rails. Use install gauge to help properly position leg. See Install Gauge Guidelines. Tighten the screws (J) in the cradle clamp brackets (B).
6. Install (4) end caps into the outside ends of the starter rails with a rubber mallet, then insert the other ends of the starter rails into one side of the cradles (A) on an intermediate leg assembly.
7. Slide two pairs of extended rails into the other side of the cradles (A) on the intermediate leg assembly. Starter rails and extended rails should meet in the center of each cradle on the intermediate leg assembly. Adjust the leg assembly position accordingly until this alignment is met. (See Linked Desk section for starter rail/ extended rail cradle alignment detail). Repeat step 7 for all desktop positions, using install gauge to properly position outermost legs. See Install Gauge Guidelines

   NOTE: Extended rails are typically the same length as a desk top. i.e.: 72" wide tops use 72" wide rails.

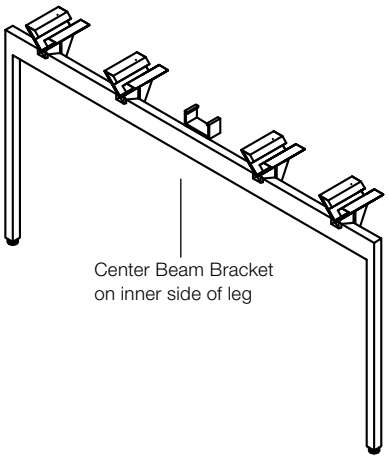
   NOTE: Horizontal rail cradles (A) mounted to starter rails will be oriented to face each other. Any additional horizontal rail cradles (A) mounted to extended rails will be oriented to face the starter rails. See the Plan View of Big Table with Intermediate Leg (Non-Inset) diagram that follows.

   Install end caps into the ends of the last pair of extended rails with a rubber mallet. Tighten the screws (J) in all cradle clamp brackets (B).
8. Place center beams on center mounting brackets (E) and place spring nuts (G) in bottom slot of center beam. Locate each spring nut (G) directly above the hole in the center mounting bracket (E) and attach using (1) M6 x 25mm machine screw (L) per nut.

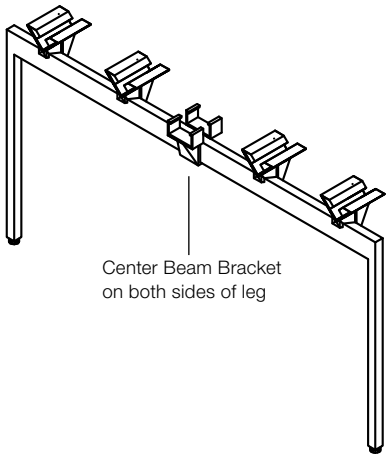
   NOTE: Big Table Center Beams nominal lengths are slightly undersized (0.030"-0.040") relative to Table Tops. This is intended to ensure no or minimal spacing between table tops on a Big Table run and should translate into slight gaps between center beams. Efforts should be made to balance these gaps across Big Table runs.
9. Slide center beam mounting bracket C-clamps (F), (2) per center beam mounting bracket (E), into slots on center beam, pushing the C-clamps tightly against the mounting brackets (E).

   NOTE: The C-clamps (F) must be installed.
10. If applicable, attach suspended storage, returns and/or electrical components at this time. (see suspended storage, big table with return and electrical installation instructions)
11. Lay tops on base assembly. Use install gauge to properly position tops. See Install Gauge Guidelines. Attach tops using (2) #14 x 1" FH wood screws (K) per cradle (A). Secure (2) flat brackets (H) to each top-to-top connection using (4) #14 x 1" FH wood screws (K) per flat bracket.
12. Surfaces 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer should be placed between the top of each rail and the underside of the top, centered on the width of the top. Spacers are attached to the top using (1) #12 X ¾" black wood screw (D) per spacer.
13. Install center beam end caps, as needed, to finish beam ends. (See Center Beam End Cap instructions.)
14. Adjust glides as needed to level big table assembly.

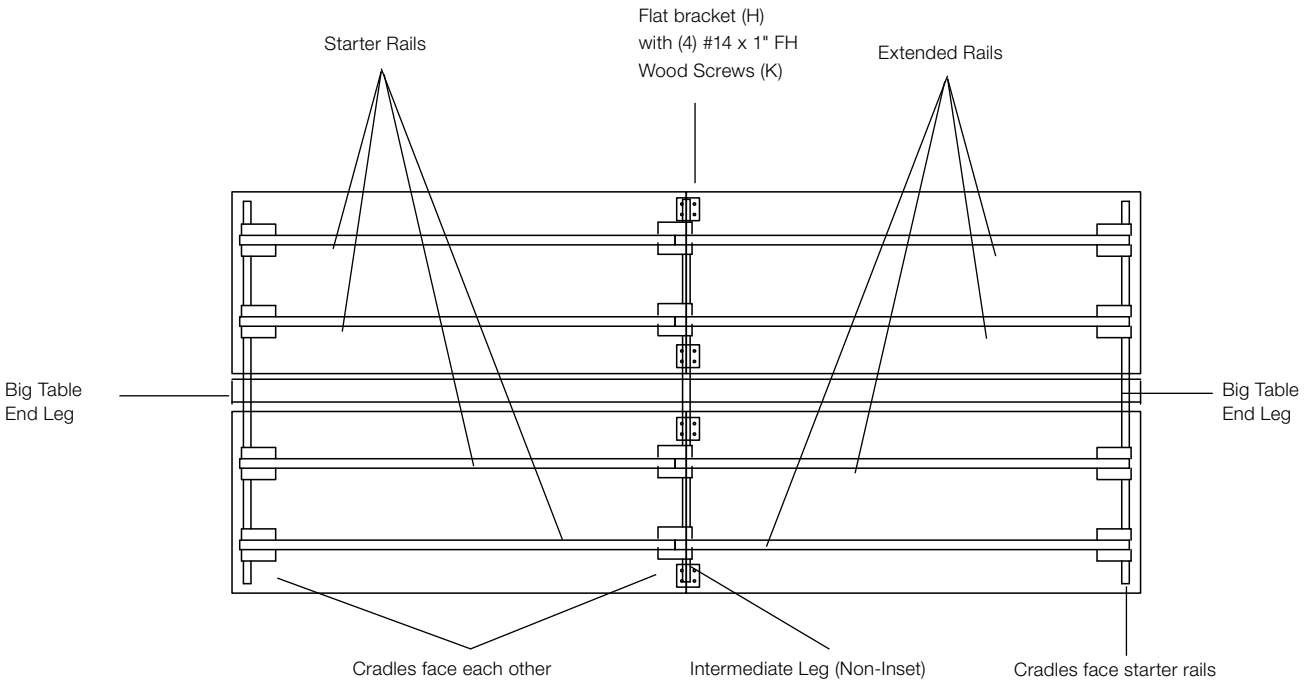
Big Table with Intermediate Leg (Non-Inset), continued



Big Table End Leg

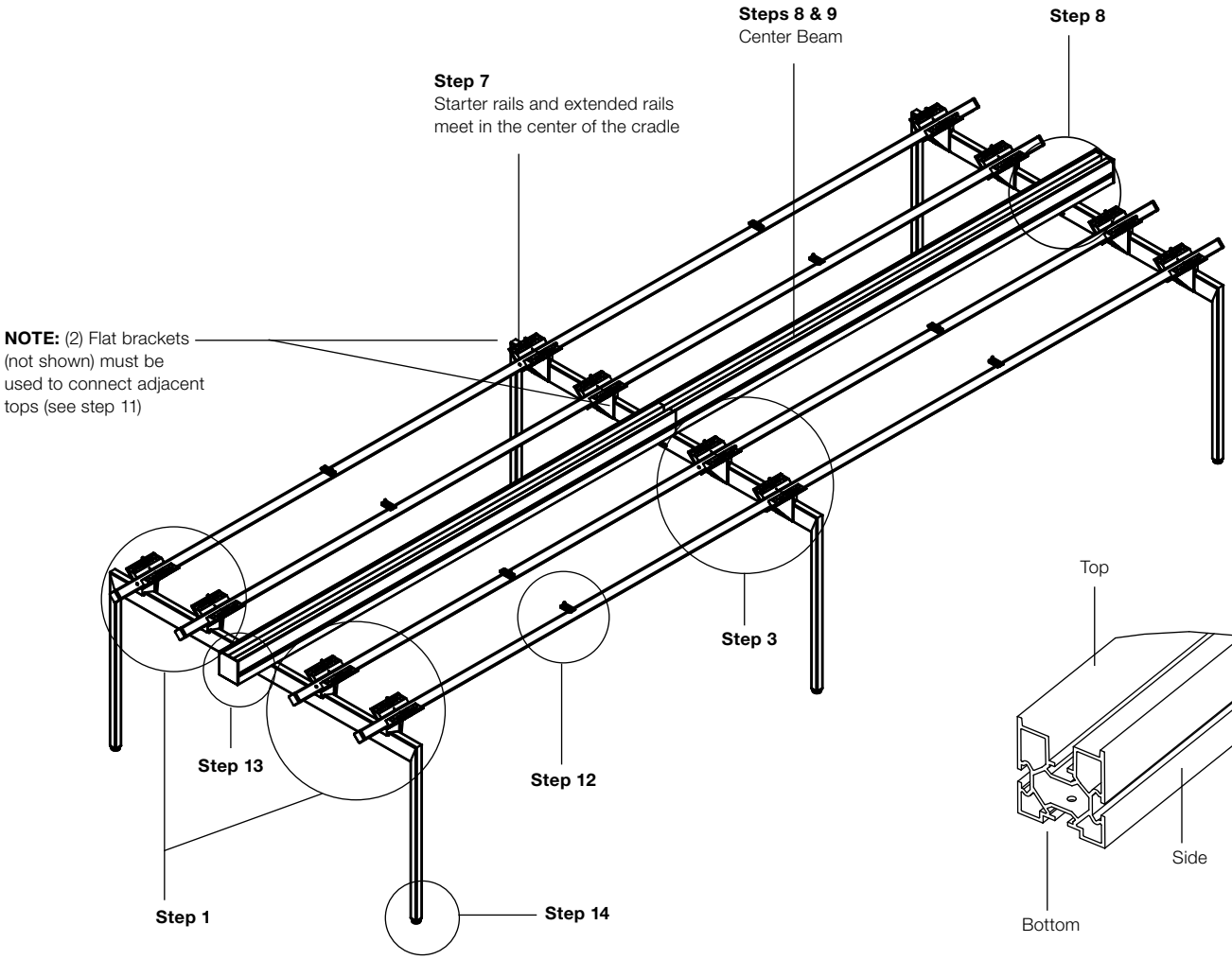


Big Table Intermediate Leg

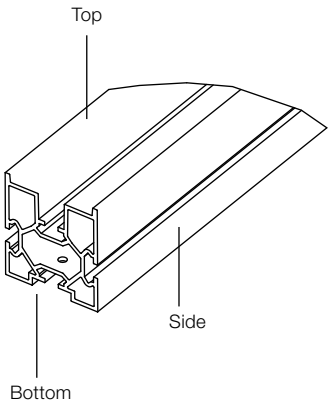


Plan View of Big Table with Intermediate Leg (Non-Inset)

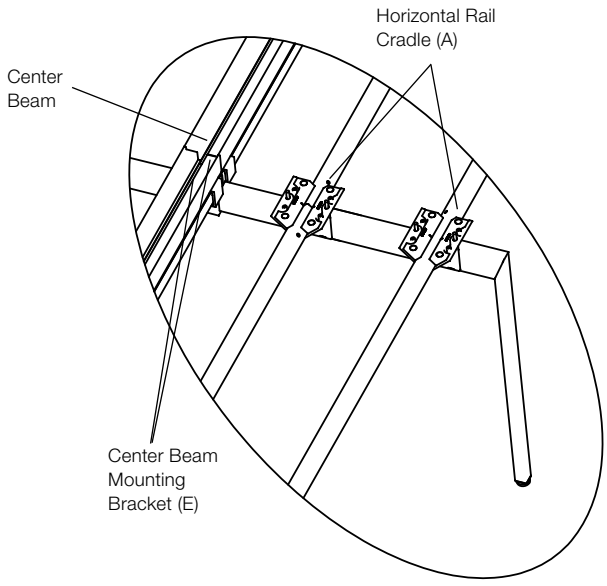
Big Table with Intermediate Leg (Non-Inset), continued



Big Table with Intermediate Leg (Non-Inset) Assembly

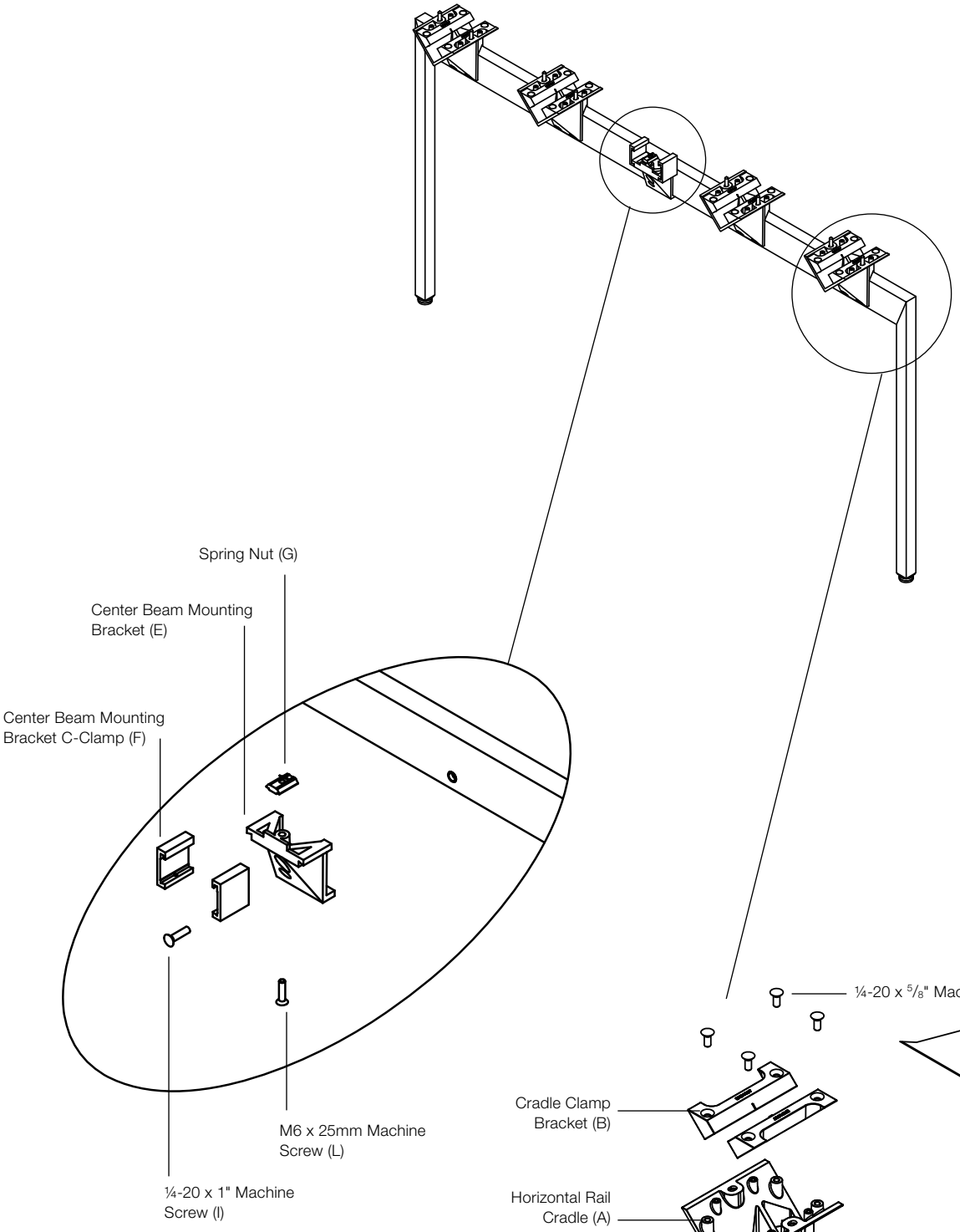


Center Beam Orientation

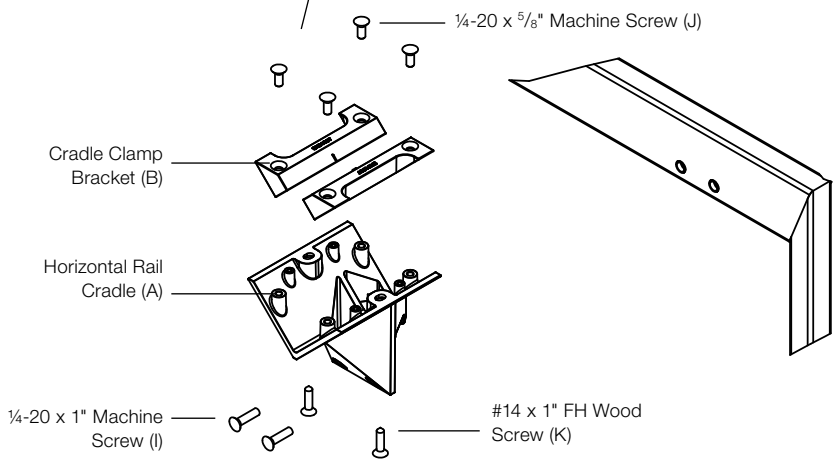


Intermediate Leg Detail (non-inset)

Big Table with Intermediate Leg (Non-Inset), continued



Exploded Center Beam Mounting Bracket Assembly Detail



Exploded Cradle Connection to Leg Detail

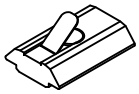
Mid Span Support Leg for Center Beam for 36"D Big Table

Pattern Numbers Represented:
Mid Span Support Leg, **YILDD1**

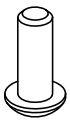
Parts List:
Spring Nut (A)
M6 x 16mm Internal Hex Drive Machine Screw (B)
Mid Span Support Leg
36"D Big Table Assembly

Tools Needed:
$^{5}/_{32}$" or 4mm Allen Wrench

(A) 3AB402196



(B) 3AB424640

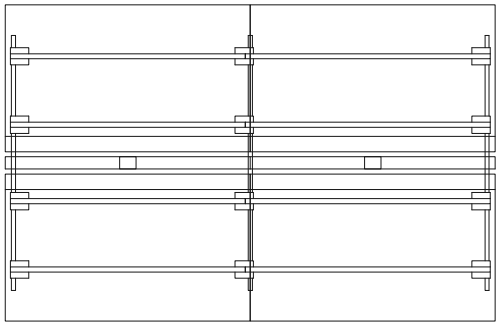


STEPS

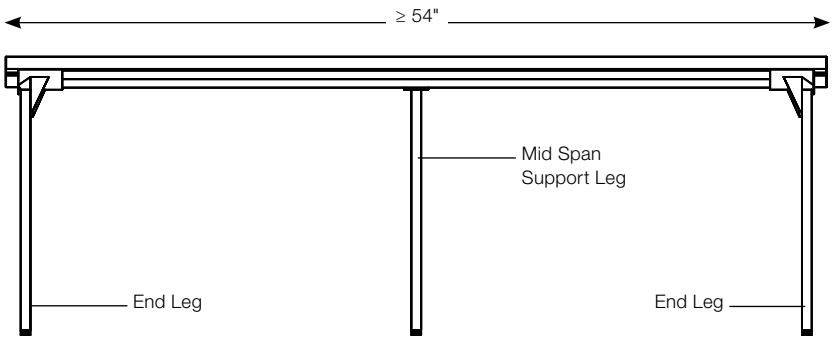
Note: A mid span support leg for center beam is required for supplementary support of 36"D dual and single sided big tables with unsupported spans wider than 54". For additional assembly steps see Big Table with Intermediate Leg instructions or Single Sided Big Table instructions.

1. Determine the location for the mid span support leg. Be sure that the leg is approximately centered on the length of the beam, but be sure to not interfere with any electrical/data components, connections or access points.
2. At determined location insert (2) spring nuts (A) into the horizontal slot on the bottom of the center beam.
3. Place the mid span support leg into position under the center beam, and slide the spring nuts (A) so they align with the holes in the top plate of the support leg.
4. Using a 5/32" or 4mm Allen wrench, attach the support leg to the spring nuts (A) with (2) M6 x 16mm internal hex drive machine screws.
5. Adjust the glide on the support leg as necessary to ensure that it provides support to the beam, and that the table assembly remains level.

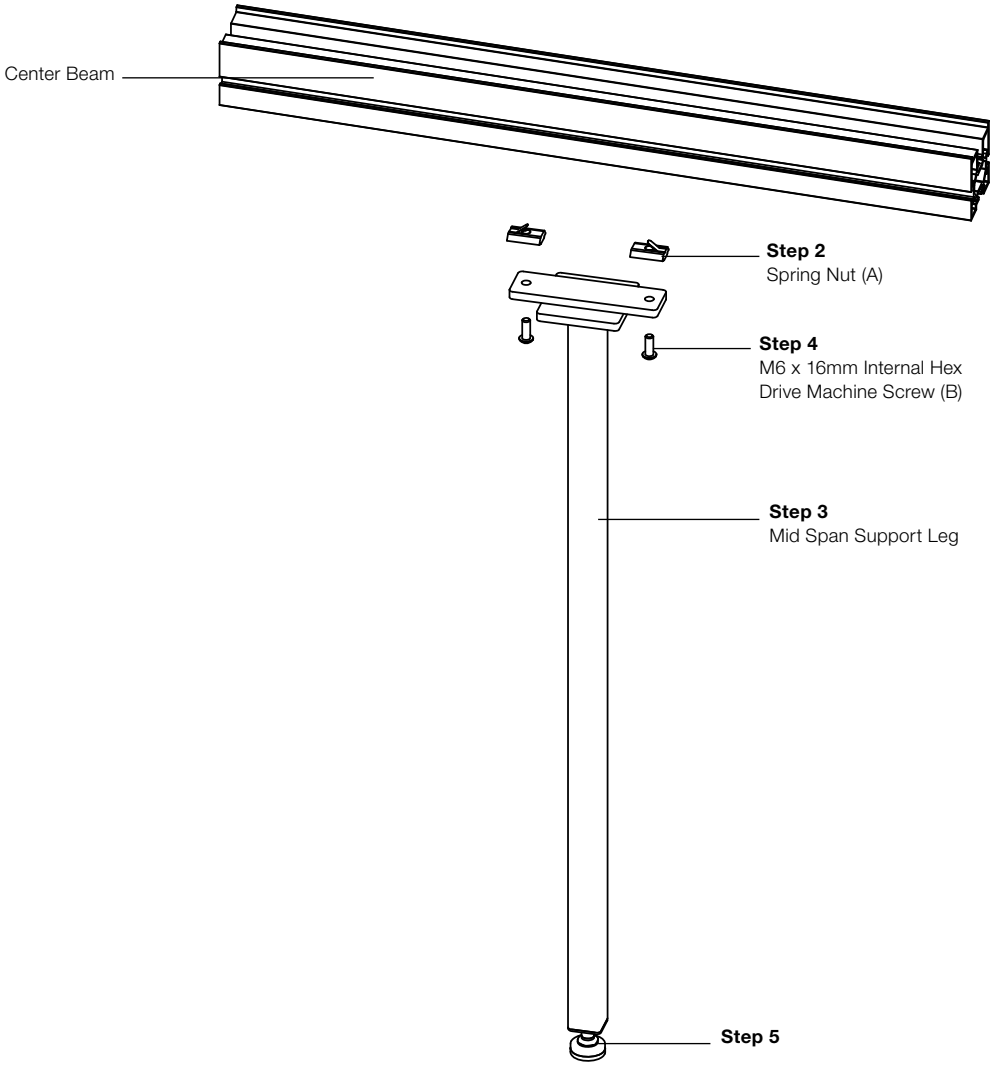
Mid Span Support Leg for Center Beam for 36"D Big Table, continued



Plan View of Big Table with Mid Span Support for Center Beam



Elevation View of Big Table with Mid Span Support for Center Beam (84"w Big Table Shown)



Exploded Mid Span Support Leg Assembly

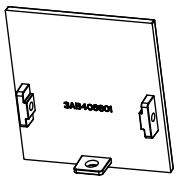
Center Beam End Caps

Pattern Numbers Represented:
Full Height End Cap, **YCBE**
Partial Height End Cap, **YBCPE**

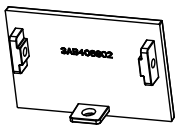
Parts List:
Full Height End Cap (A) or
Partial Height End Cap (B)
#10 – 32 x ¼", Cup Point Black Set Screw (C)
Center Beam

Tools Needed:
3/32" Allen Wrench

(A) 3AB406801*



(B) 3AB406802*



(C) 3AB4073

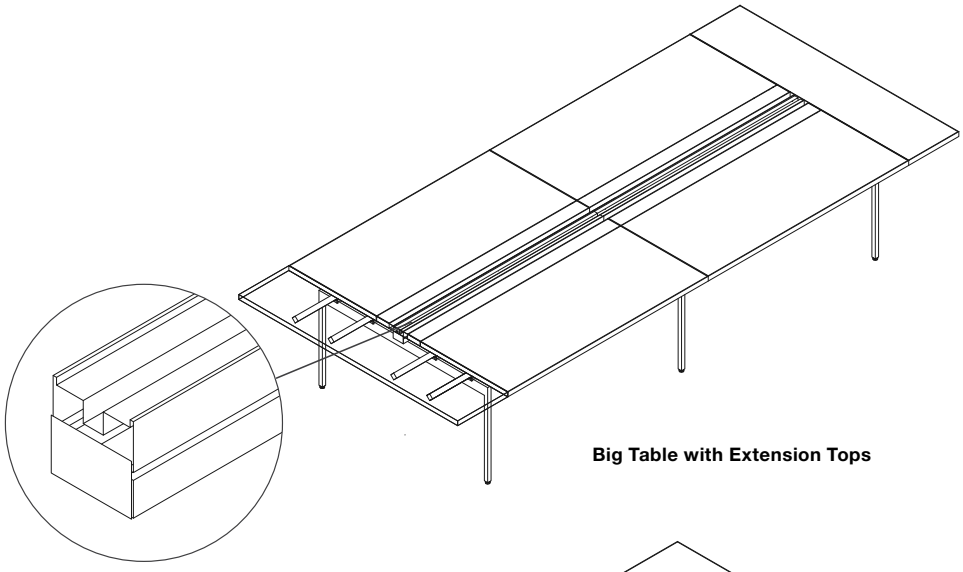
STEPS

Note: A full end cap is used to cover the exposed end of the center beam.

A partial end cap is used to cover the lower end of the center beam when an extension top or cabinet is specified at the end of a big table.

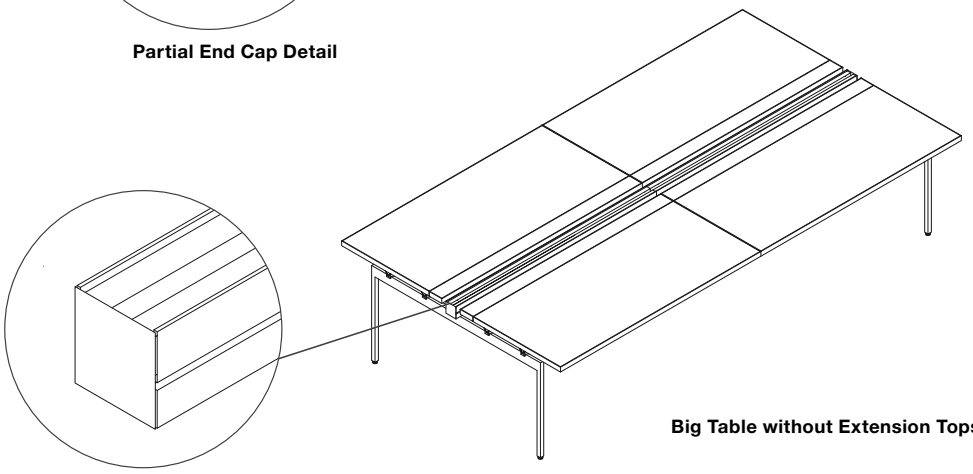
When using an end panel for dual or single sided big tables, an end cap is not required.

1. Insert full or partial end cap (A or B) into the end of the center beam. The vertical tabs on the end cap are to be inserted into the horizontal slots on the sides of the beam.
2. Insert (1) #10 – 32 x ¼", cup point black set screw (C) into each of the vertical tabs on the end cap (A or B). Secure the set screws against the center beam, using a 3/32" Allen wrench.



Big Table with Extension Tops

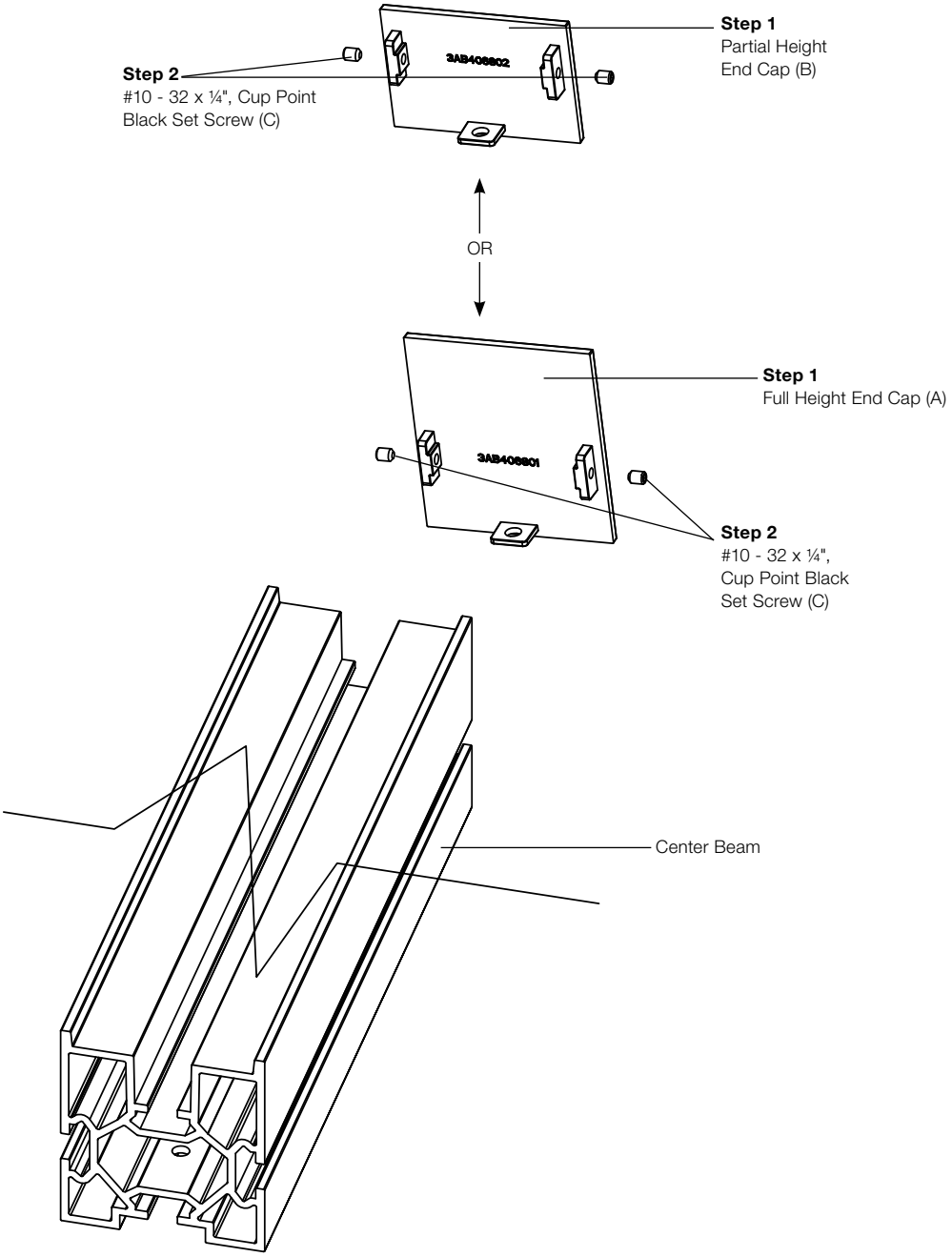
Partial End Cap Detail



Big Table without Extension Tops

Full End Cap Detail

Center Beam End Caps, continued



Exploded End Cap for Center Beam Assembly Detail
(Partial and Full End Cap Shown)

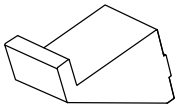
Beam Mounted Finger Bracket for Hinged Access Tops

Pattern Numbers Represented:
Overlay Hinged Access Tops, **YPH**__
Antenna Hinged Access Tops, **YTH**__
Antenna 120 Hinged Access Tops, **YTH**____

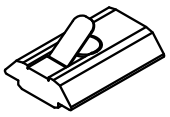
Parts List:
Stop, Flip Door- "Finger Bracket" (A)
Spring Nut (B)
M6 x 14mm Machine Screw (C)

Tools Needed:
Drill
Phillips #2 and #3 bits

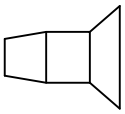
(A) 3AB4058*



(B) 3AB402196



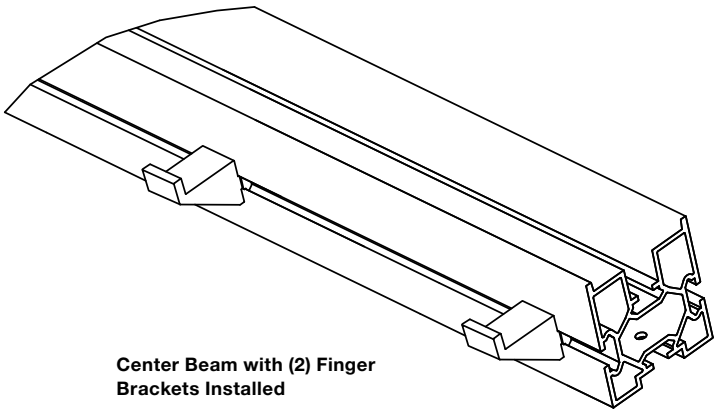
(C) 3AB405640



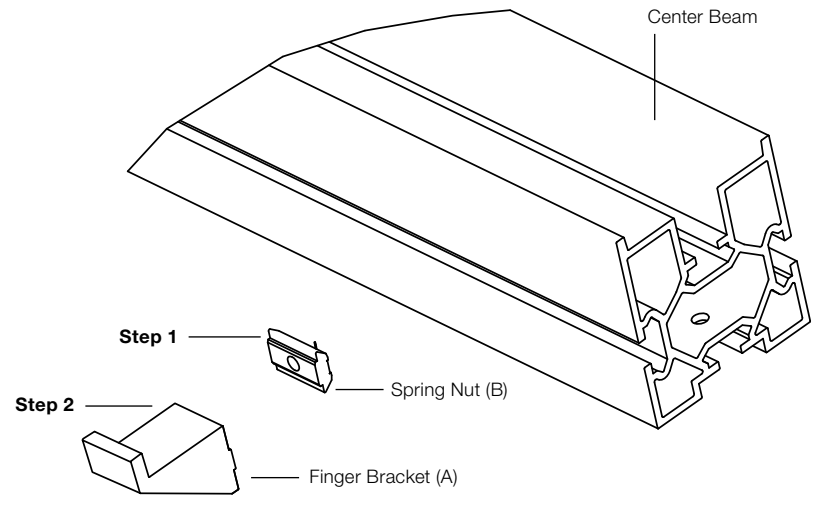
STEPS:

NOTE: The number of finger brackets required will vary based on the size of the top to be installed. The appropriate number of brackets will ship with the worksurface.

1. For each finger bracket (A) insert (1) spring nut (B) into the horizontal slot on the side of the center beam.
2. Align each finger bracket (A) with a spring nut (B) and attach loosely with (1) M6 x 14mm machine screw (C).
3. Slide the finger bracket assemblies along the beam, spacing them evenly along the length of the top, being sure to position two finger brackets so they support the ends of the hinged access door. If supplied, the 3rd finger bracket should be located in the middle.
4. Tighten all the M6 x 14mm machine screws (C) to secure the finger bracket's positions.



Center Beam with (2) Finger Brackets Installed



Exploded Finger Bracket Assembly

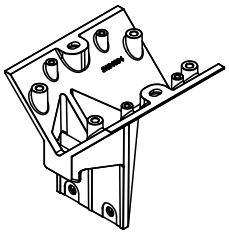
Big Table with Return

Pattern Numbers Represented:
Legs for Desks or Returns (Desk Height), **YEL**__
Return Rails for Big Tables, **YBRR**_

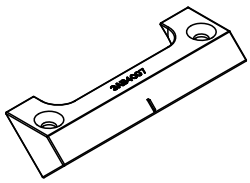
Parts List:
Horizontal Rail Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
#12 X ¾" Black Wood Screw (D)
Return Rail Hook Top Bracket (E)
Return Rail Clamp Bottom Bracket (F)
W-Bracket (G)
¼-20 x 1" Machine Screw (H)
¼-20 x 5/8" Machine Screw (I)
#14 x 1" FH Wood Screw (J)
Rails
End Caps
Desk End Leg
Return Top
Big Table Assembly

Tools Needed:
Drill
Phillips #2 and #3 bits
Rubber Mallet
Install Gauge

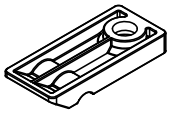
(A) 3AB4004*



(B) 3AB4007*

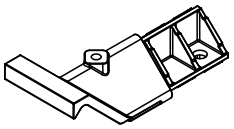


(C) 3AB401252

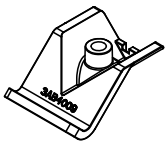


(D) 7196440

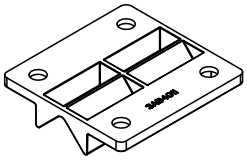
(E) 3AB4008*



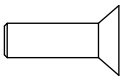
(F) 3AB4009*



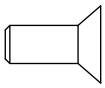
(G) 3AB4095*



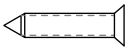
(H) 7194140



(I) 7189140



(J) 7434100



STEPS:

1. Build big table assembly (see big table assembly instructions).
2. Attach (2) horizontal rail cradles (A) to the desk end leg using (2) ¼-20 x 1" machine screws (H) per cradle (A).
3. Attach 1 return rail (YBRR_ _) to each cradle (A) by first fastening 2 cradle clamp brackets (B) loosely to each cradle using (4) ¼-20 x 5/8" machine screws (I).

   NOTE: Return rails are 3" longer than the return top width when connected to a 24"d main top.

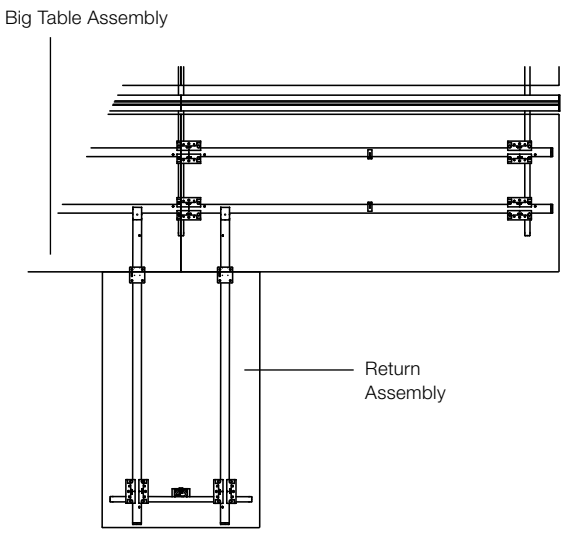
   Return rails are 6" longer than the return top width when connected to a 27"d main top.

   Return rails are 9" longer than the return top width when connected to a 30"d main top.

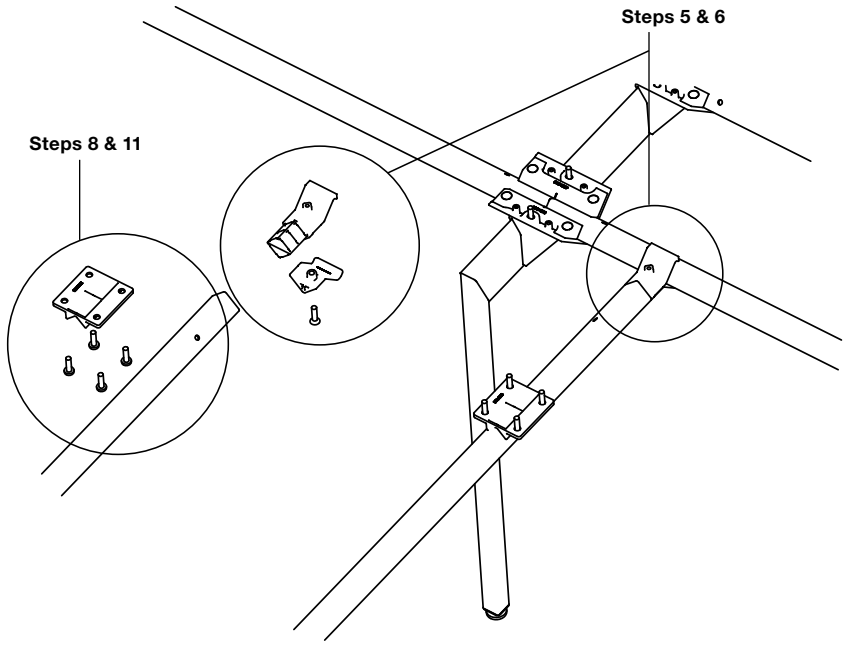
   NOTE: Rails are an ADDITIONAL 12" long when return is connected to an extension top or cabinet on free end.

   For both rails, slide rail into cradle/clamp assembly with rail paint holes facing up and toward center of table desk assembly. Use install gauge to locate the leg position on the rail. See Install Gauge Guidelines. Tighten the screws (I) in the cradle clamp brackets (B).
4. Insert (1) end cap onto each rail with rubber mallet.
5. Attach return rail hook top brackets (E) to other end of each return rail.
6. Attach return rail hook top brackets (E) perpendicular to and on top of big table desk rail in desired position. Attach a return rail clamp bottom bracket (F) with (1) ¼-20 X 1" machine screw (H) to each return rail hook top bracket (E). Big table desk top may need to be loosened to allow clamp to be installed.
7. If applicable, add suspended storage units at this time. (See suspended storage installation instructions.)
8. Position a W-bracket (G) on each return rail halfway under the big table desk top.
9. Surfaces 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer (C) should be placed between the top of each rail and the underside of the return top, centered on the width of the return top. Spacers (C) are attached to the return top using (1) #12 X ¾" black wood screw (D) per spacer.
10. Lay return top on return rail/leg assembly. Use gauge to properly position top. See Install Gauge Guidelines. Attach return top using (2) #14 x 1" FH wood screws (J) per cradle into pre-drilled holes in the underside of the return top.
11. Secure big table top and return top to return rail W-brackets, using (4) #14 x 1" FH wood screws (J) per W-bracket.
12. Adjust glides as needed to level return.

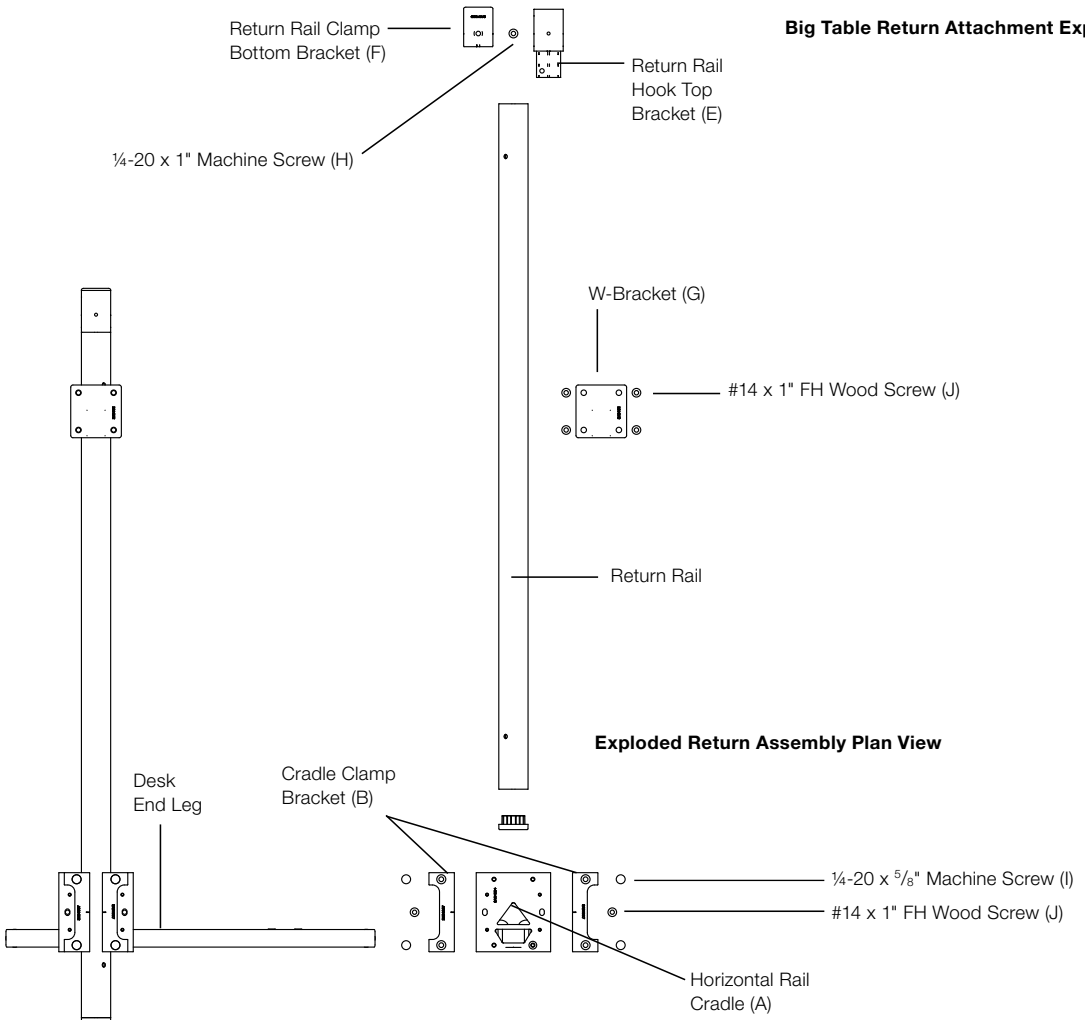
Big Table with Return, continued



Big Table with Return Plan View



Big Table Return Attachment Exploded Details



Exploded Return Assembly Plan View

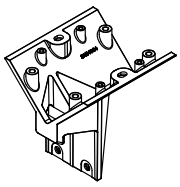
Big Table with Back-to-Back Returns

Pattern Numbers Represented:
End Legs for Back to Back Desks (Desk Height), **YELD_**
Return Rails for Big Tables, **YBRR_**

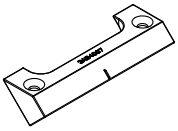
Parts List:
Horizontal Rail Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
#12 X ¾" Black Wood Screw (D
Return Rail Hook Top Bracket (E)
Return Rail Clamp Bottom Bracket (F)
W-Bracket (G)
¼-20 x 1" Machine Screw (H)
¼-20 x 5/8" Machine Screw (I)
#14 x 1" FH Wood Screw (J)
End Legs for Back to Back Desks
Return Rails
End Caps
Return Tops
Big Table Assembly

Tools Needed:
Drill
Phillips #2 and #3 bits
Rubber Mallet
Install Gauge

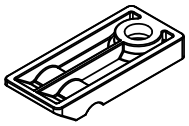
(A) 3AB4004*



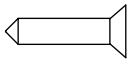
(B) 3AB4007*



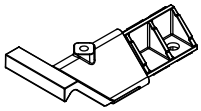
(C) 3AB401252



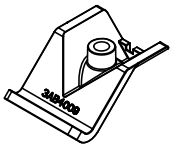
(D) 7196440



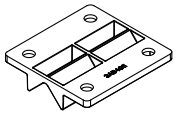
(E) 3AB4008*



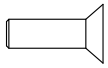
(F) 3AB4009*



(G) 3AB4095*

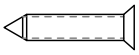


(H) 7194140



(I) 7189140

(J) 7434100



STEPS:

1. Build big table assembly (see big table assembly instructions).
2. Attach (4) cradles (A) to end leg for back to back desks, using (2) ¼-20 x 1" machine screws (H) per cradle (A).
3. Attach (1) return rail (YBRR_ _) to each cradle (A) by first fastening 2 cradle clamp brackets (B) loosely to each cradle using (4) ¼-20 x 5/8" machine screws (I).

   NOTE: Return rails are 3" longer than the return tops' width when connected to a 24"d main top.

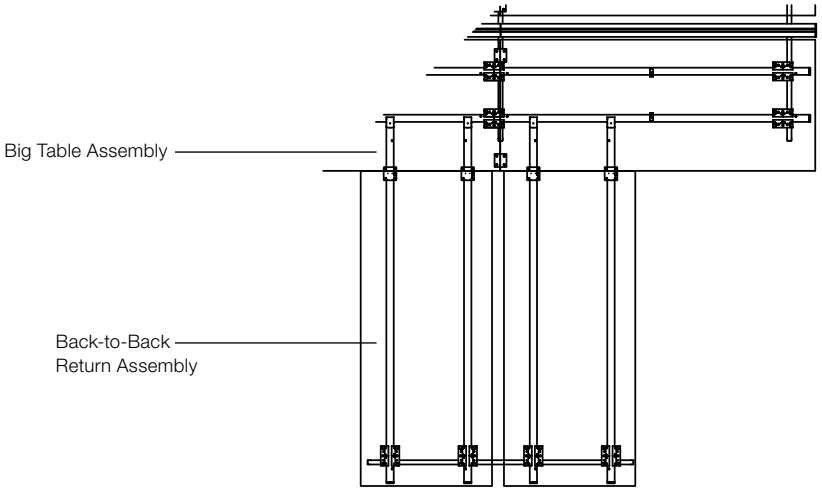
   Return rails are 6" longer than the return tops' width when connected to a 27"d main top.

   Return rails are 9" longer than the return tops' width when connected to a 30"d main top.

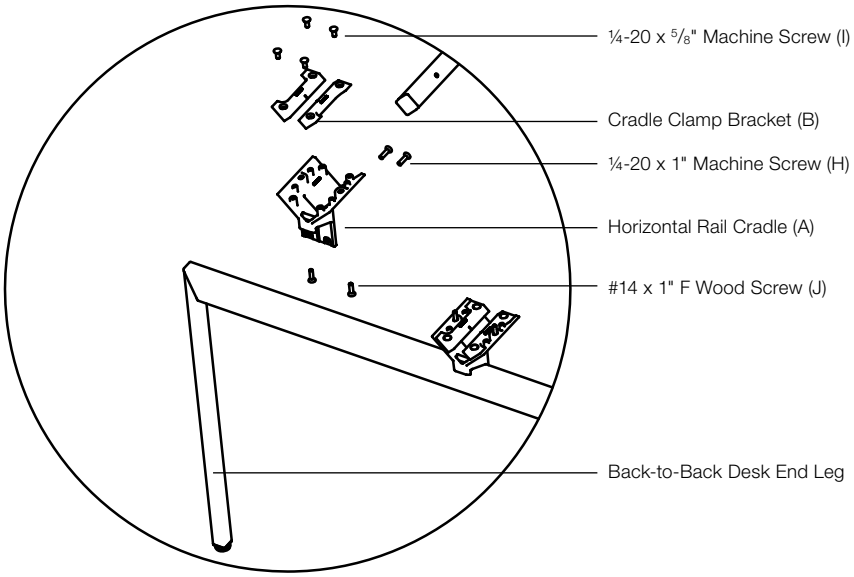
   NOTE: Rails are an ADDITIONAL 12" long when returns are connected to an extension top or cabinet on free end.

   For all 4 rails, slide rail into cradle/clamp assembly with rail paint holes facing up and toward center of table desk assembly. Use install gauge to locate the leg position on the rail. See Install Gauge Guidelines. Tighten the screws (I) in the cradle clamp brackets (B).
4. Insert (1) end cap onto each return rail with rubber mallet.
5. Attach return rail hook top brackets (E) to other end of each return rail.
6. Attach return rail hook top brackets (E) perpendicular to and on top of big table desk rail in desired position. Attach a return rail clamp bottom bracket (F) with (1) ¼-20 X 1" machine screw (H) to each return rail hook top bracket (E). Big table desk top may need to be loosened to allow clamp to be installed.
7. If applicable, add suspended storage units at this time. (See suspended storage installation instructions.)
8. Position a W-bracket (G) on each return rail halfway under the big table desk top.
9. Surfaces 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer (C) should be placed between the top of each rail and the underside of the return top, centered on the width of the return top. Spacers (C) are attached to the return tops using (1) #12 X ¾" black wood screw (D) per spacer.
10. Lay return tops on return rail/leg assembly. Use gauge to properly position tops. See Install Gauge Guidelines. Attach return tops using (2) #14 x 1" FH wood screws (J) per cradle into pre-drilled holes in the underside of the return tops.
11. Secure big table top and return tops to return rail W-brackets, using (4) #14 x 1" FH wood screws (J) per W-bracket.
12. Adjust glides as needed to level back-to-back return assembly.

Big Table with Back-to-Back Returns, continued

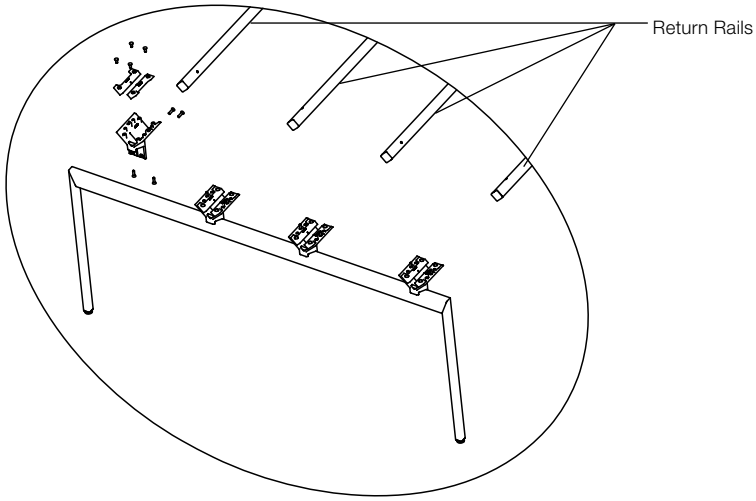


Big Table with Back-to-Back Returns Plan View

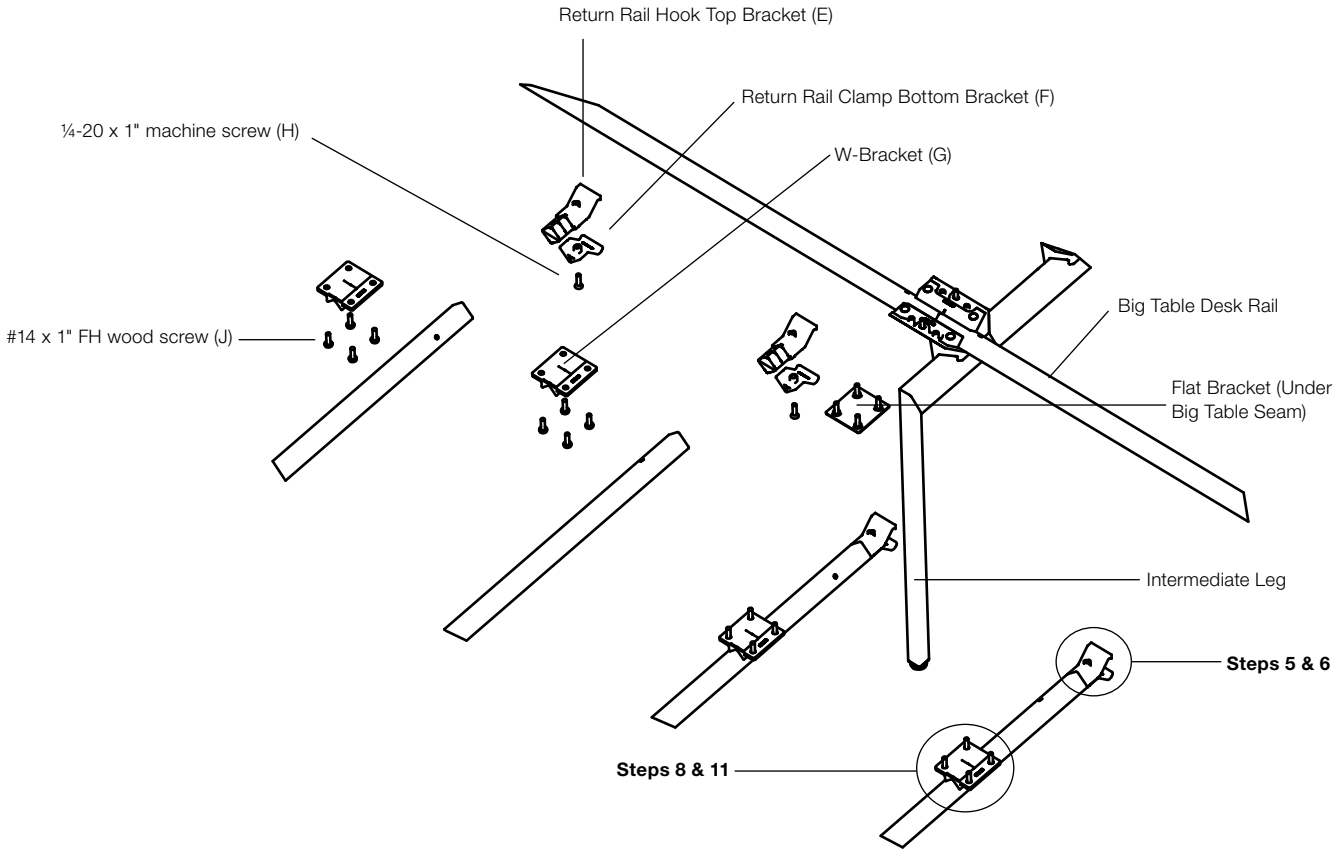


Cradle Connection to Back-to-Back End Leg Detail

Big Table with Back-to-Back Returns, continued



Partially Exploded End Leg for Back-to-Back Returns



Back-to-Back Return Attachment Exploded Detail

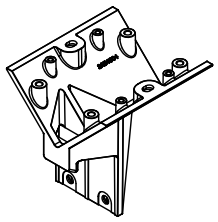
Big Table with Extension Top or Cabinet

Pattern Numbers Represented:
Connector Kit for Big Table Extension Tops, **YBTE**
Connector Kit for Above and Below Big Table Extension Cabinets, **YBTE**
End Leg for Dual Big Tables (Desk Height), **YELDD_**
Starter Rails with End Caps, **YBRS_**
Extended Rails, **YBRE_**
Center Beam, **YCB_**
Flat Brackets, **YBF**
Fabric Inserts for Above Big Table Extension Cabinets, **YSDXFB_**

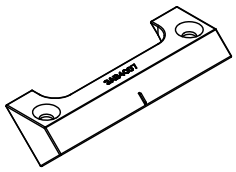
Parts List:
Horizontal Rail Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
#12 X ¾" Black Wood Screw (D)
Center Beam Mounting Bracket (E)
Center Beam Mounting Bracket C-Clamp (F)
Spring Nut (G)
Flat Bracket (H)
¼-20 x 1" Machine Screw (I)
¼-20 x 5/8" Machine Screw (J)
#14 x 1" FH Wood Screw (K)
M6 x 25mm Machine Screw (L)
Standard End Cap (M)
End Cap with Support Tab (N)
W-Bracket (O)
End Legs for Big Table
Intermediate Legs or Inset
Intermediate Legs for Big Table
Rails
Tops
Extension Top or Cabinet
Fabric Inserts

Tools Needed:
Drill
Phillips #2 and #3 bits
Rubber Mallet
Install Gauge

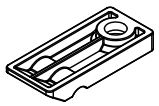
(A) 3AB4004*



(B) 3AB4007*

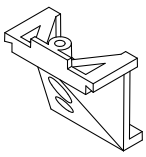


(C) 3AB401252

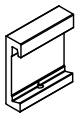


(D) 7196440

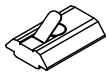
(E) 3AB4061*



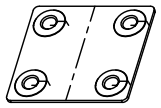
(F) 3AB4062*



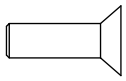
(G) 3AB402196



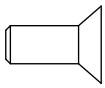
(H) 3AB4074115



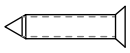
(I) 7194140



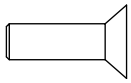
(J) 7189140



(K) 7434100

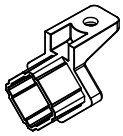


(L) 3AB405540

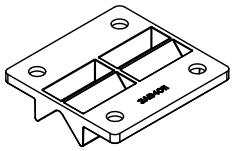


(M) 3AB4000*

(N) 3AB4014*



(O) 3AB4095*



STEPS:

1. Complete steps 1-6 of the "Big Table with Intermediate Leg" or steps 1-9 of the "Big Table with Inset Intermediate Leg" assembly instructions.
2. Slide two pairs of extended rails into the other side of the cradles on the intermediate leg assembly. Starter rails and extended rails should meet in the center of each cradle on the intermediate leg assembly. Adjust the leg assembly position accordingly until this alignment is met. (See Linked Desk section for starter rail/ extended rail cradle alignment detail). Repeat step 2 for all desktop positions. For the table side that is to be extended, the outer edge of the cradles (A) should be inset 12" from the end of the rails. Use gauge to help properly position legs. See Install Gauge Guidelines.

   NOTE: Rails for extension tops or cabinets are typically 12" wider than the desk top. i.e.: 72" wide tops use 84" wide rails.

   Install end caps with support tabs (N) into the ends of the extended rails with a rubber mallet. Tighten the screws (J) in all the cradle clamp brackets (B).
3. Place center beams on center mounting brackets (E) and place spring nuts (G) in the bottom slot of the center beam. Locate each spring nut (G) directly above the hole in the center mounting bracket (E) and attach using (1) M6 x 25mm machine screw (L) per nut.

   NOTE: Big Table Center Beams nominal lengths are slightly undersized (0.030"-0.040") relative to Table Tops. This is intended to ensure no or minimal spacing between table tops on a Big Table run and should translate into slight gaps between center beams. Efforts should be made to balance these gaps across Big Table runs.
4. Slide center beam mounting bracket C-clamps (F), (2) per center beam mounting bracket (E), into slots on center beam, pushing the C-clamps tightly against the mounting brackets (E).
5. If applicable, attach suspended storage, returns and/or electrical components at this time. (see suspended storage, big table with return and electrical installation instructions)

Big Table with Extension Top or Cabinet, continued

6. Lay tops on base assembly. Use install gauge to properly position tops. See Install Gauge Guidelines. Attach tops using (2) #14 x 1" FH wood screws (K) per cradle (A). Secure (2) flat brackets (H) to each top-to-top connection using (4) #14 x 1" FH wood screws (K) per flat bracket.
7. Surfaces 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer should be placed between the top of each rail and the underside of the top, centered on the width of the top. Spacers are attached to the top using (1) #12 X ¾" black wood screw (D) per spacer.
8. Secure main table desk top and extension top or cabinet using W-brackets (O) and end caps with support tabs (N) included in connector kit YBTE. Use (4) #14 x 1" FH wood screws (K) per W-bracket, and (1) #14 x 1" FH wood screw per end cap.

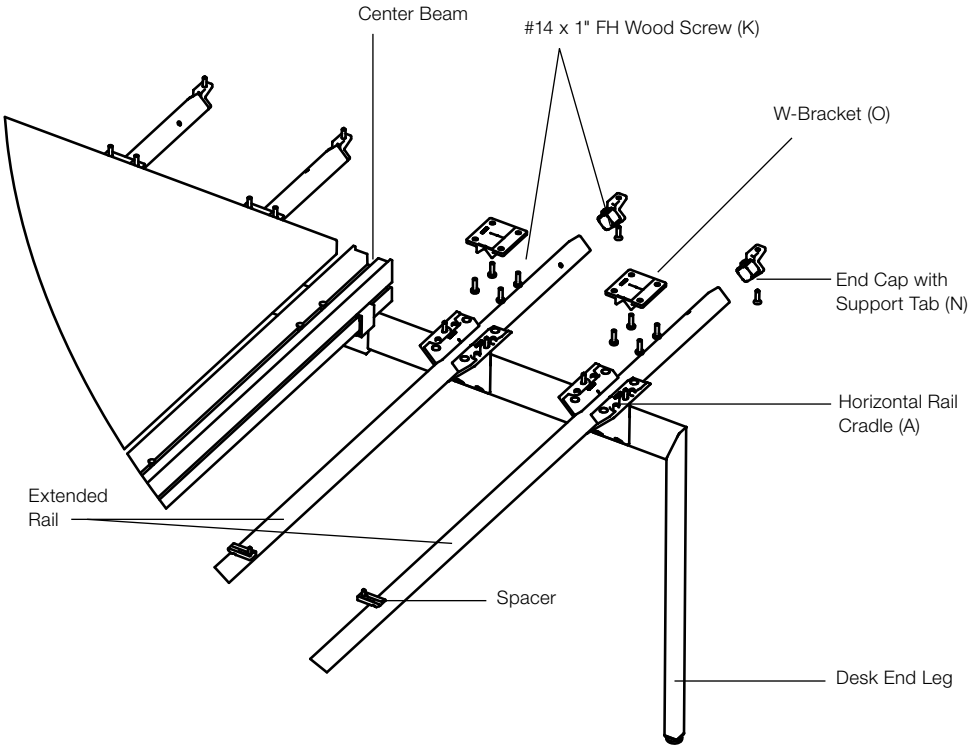
   8a. For extension top applications, attach 15" wide extension top using (4) #14 x 1" FH wood screws (K) per W-bracket. Extended rail should be 4 ½" inset from the outer edge of the extension top.

   8b. For above desk extension cabinet applications, place cabinet on top of rails with (4) #14 x 1" FH wood screws (K) per W-bracket. Extended rail should be 4 ½" inset from the outer edge of the extension cabinet.

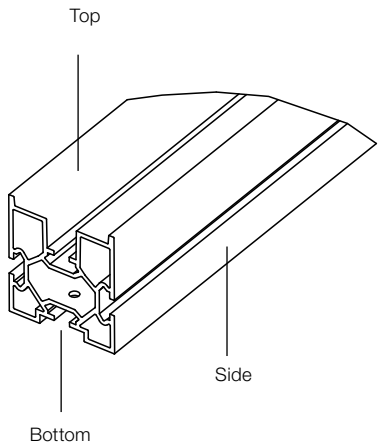
   8c. For below desk extension cabinet applications, slide cabinet on rails and attach with (4) #14 x 1" FH wood screws (K) per W-bracket. The top of this cabinet should be on an even plane with the main top. Extended rail should be 4 ½" inset from the outer edge of the extension cabinet.
9. Install center beam end caps (full height and partial height), as needed, to finish beam ends. (See Center Beam End Cap instructions.)
10. Adjust glides as needed to level big table assembly.

OPTIONAL STEP FOR FABRIC INSERTS:

11. Remove paper backing from double sided adhesive tape. Place fabric inserts in the recess behind the back of the extension cabinet, pressing the four corners firmly to attach.

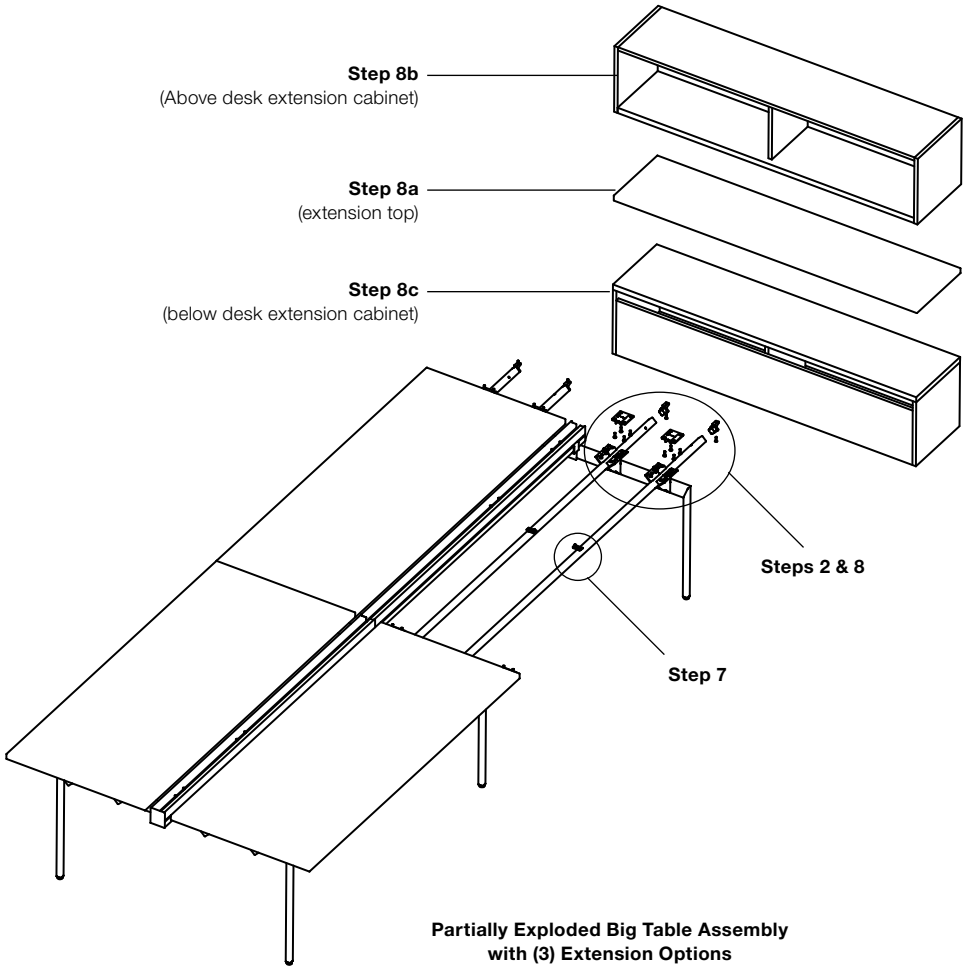


Exploded Big Table with Extended Rails Detail

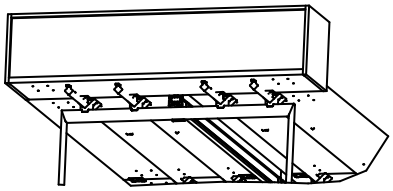


Center Beam Orientation

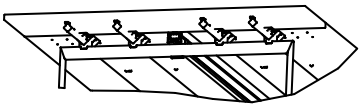
Big Table with Extension Top or Cabinet, continued



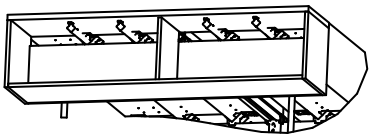
Partially Exploded Big Table Assembly with (3) Extension Options



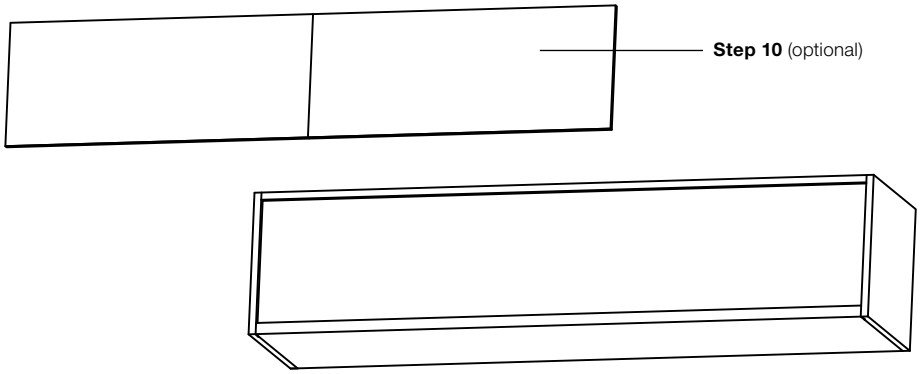
Above Desk Extension Cabinet



Extension Top



Below Desk Extension Cabinet



Fabric Inserts are Installed in the Back of Above Desk Big Table Extension Cabinets

Sapper Monitor Arm and Cantilever Shelf: Center Beam Attachment

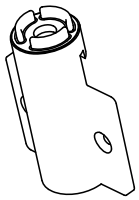
Pattern Numbers Represented:
Sapper Monitor Arm Center Beam Side Mount, **YCBMS**
Cantilever Flat Shelf, **YSCS**__

Parts List for Sapper Monitor Arm:
Post Mounting Bracket (A)
½-13 x 1¼" Machine Screw (E)
Spring Nut (F)
M6 x 14mm Machine Screw (G)
Sapper Mast
Center Beam

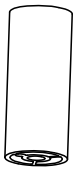
Parts List for Cantilever Shelf:
Post Mounting Bracket (A)
Post Extrusion (B)
Cantilever Shelf Support (C)
Cantilever Shelf (D)
½-13 x 1¼" Machine Screw (E)
Spring Nut (F)
M6 x 14mm Machine Screw (G)
¼-20 x ½" Machine Screw (H)
Canter Beam

Tools Needed:
Drill
Phillips #3 bit

(A) 3AB4038*

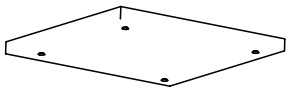


(B) 3AB4065*



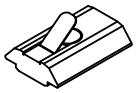
(C) 3AB4064*

(D) 3AB2280(_); 12" x 12" shelf
3AB2281(_); 12" x 24" shelf
(12" x 12" shelf shown)



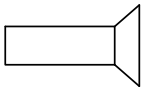
(E) 3AB405240

(F) 3AB402196



(G) 3AB405640

(H) 7143440



Steps for Sapper Monitor Arm:

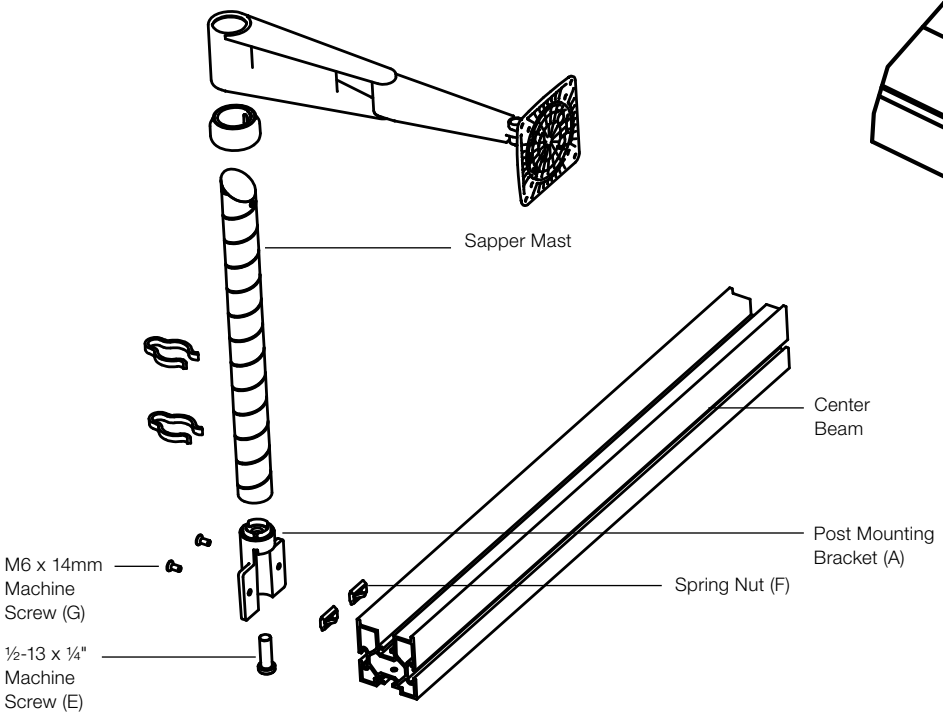
1. Attach the post mounting bracket (A) to the Sapper mast using (1) ½-13 x 1 ¼" machine screw (E).
2. Insert (2) spring nuts (F) into the horizontal slot on the side of the center beam.
3. Align the holes in the post mounting bracket (A) with the spring nuts (F). The flat side of the post mounting bracket faces the center beam with the slot in the bracket resting on the top lip of the center beam.
4. Attach the post mounting bracket (A) to the spring nuts (F) with (2) M6 x 14mm machine screws (G).

NOTE: ( ) at end of part number indicates that laminate/ veneer finish code must be added at the end. Example: 3AB2280(Y861).

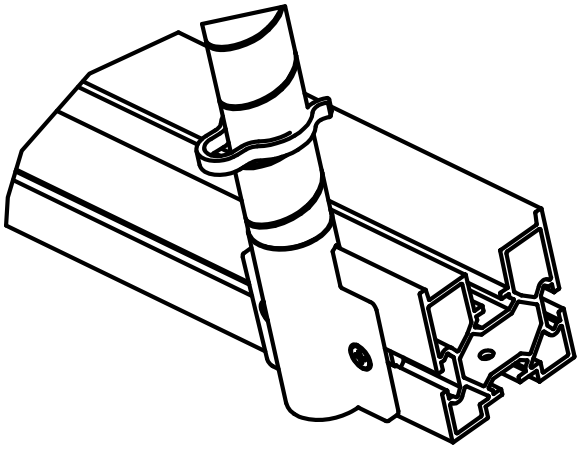
Steps for Cantilever Shelf Center Beam Attachment:

1. Attach the post mounting bracket (A) to the post extrusion (B) using (1) ½-13 x 1 ¼" machine screw (E).
2. Insert (2) spring nuts (F) into the horizontal slot on the side of the center beam.
3. Align the holes in the post mounting bracket (A) with the spring nuts (F). The flat side of the post mounting bracket faces the center beam with the slot in the bracket resting on the top lip of the center beam.
4. Attach the post mounting bracket (A) to the spring nuts (F) with (2) M6 x 14mm machine screws (G).
5. Attach the cantilever shelf support (C) to the post extrusion (B) using (1) ½-13 x 1 ¼" machine screw (E).
6. Attach the cantilever shelf (D) to the cantilever shelf support (C) using (4) ¼-20 x ½" machine screws (H).

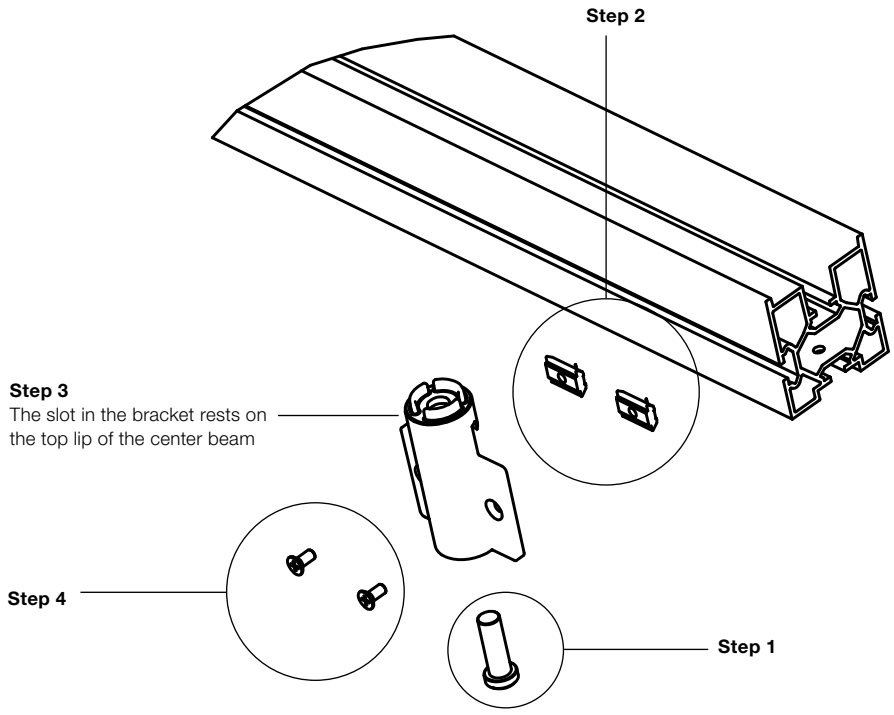
Sapper Monitor Arm and Cantilever Shelf: Center Beam Attachment, continued



Exploded Sapper Beam-Mounted Monitor Arm

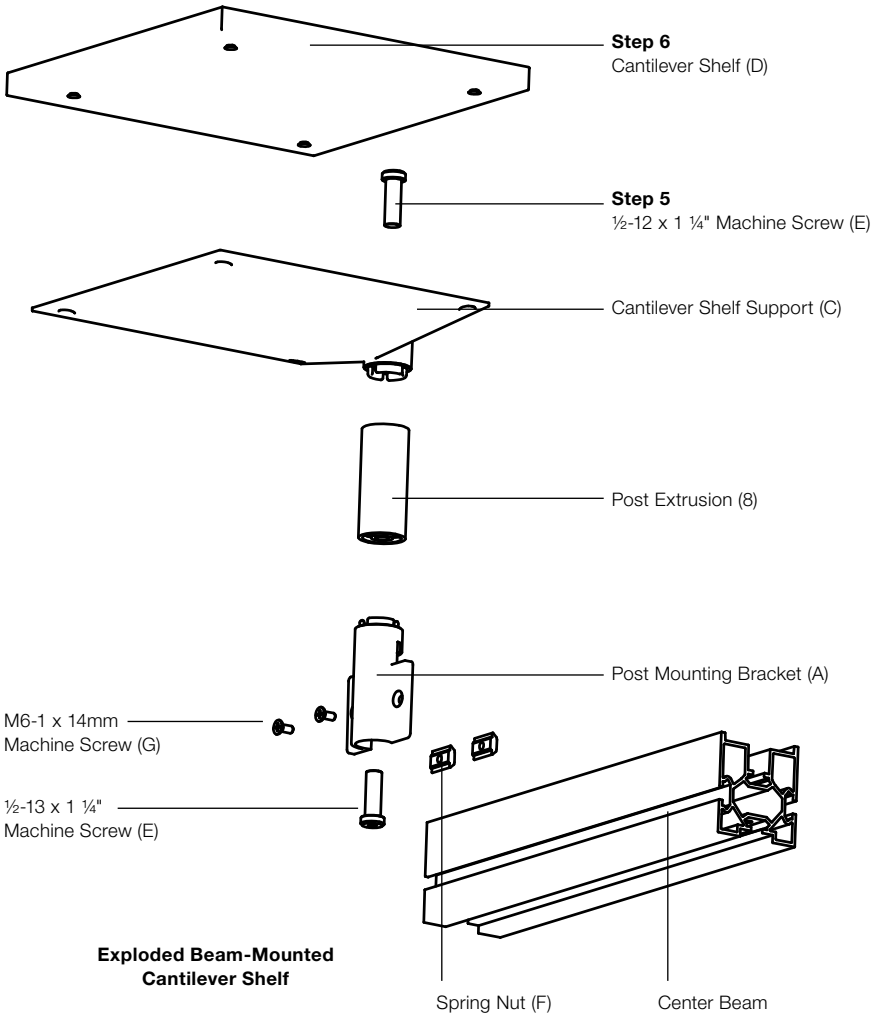


Sapper Monitor Arm Beam Mount Assembly

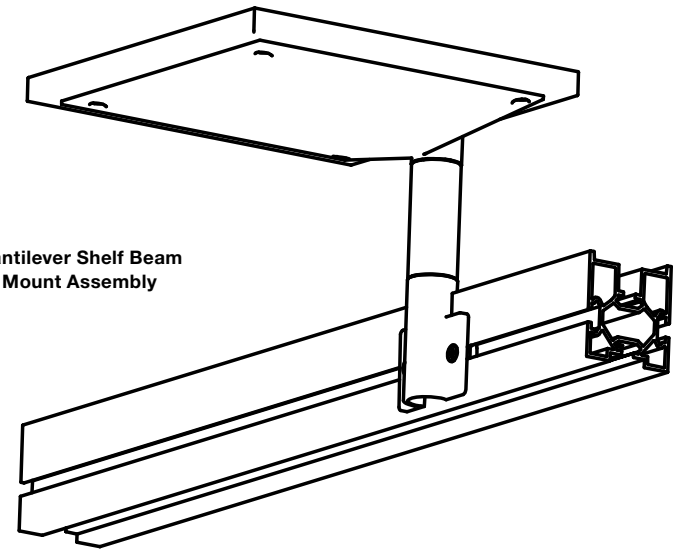


Exploded Post Mounting Bracket Detail

Sapper Monitor Arm and Cantilever Shelf: Center Beam Attachment, continued

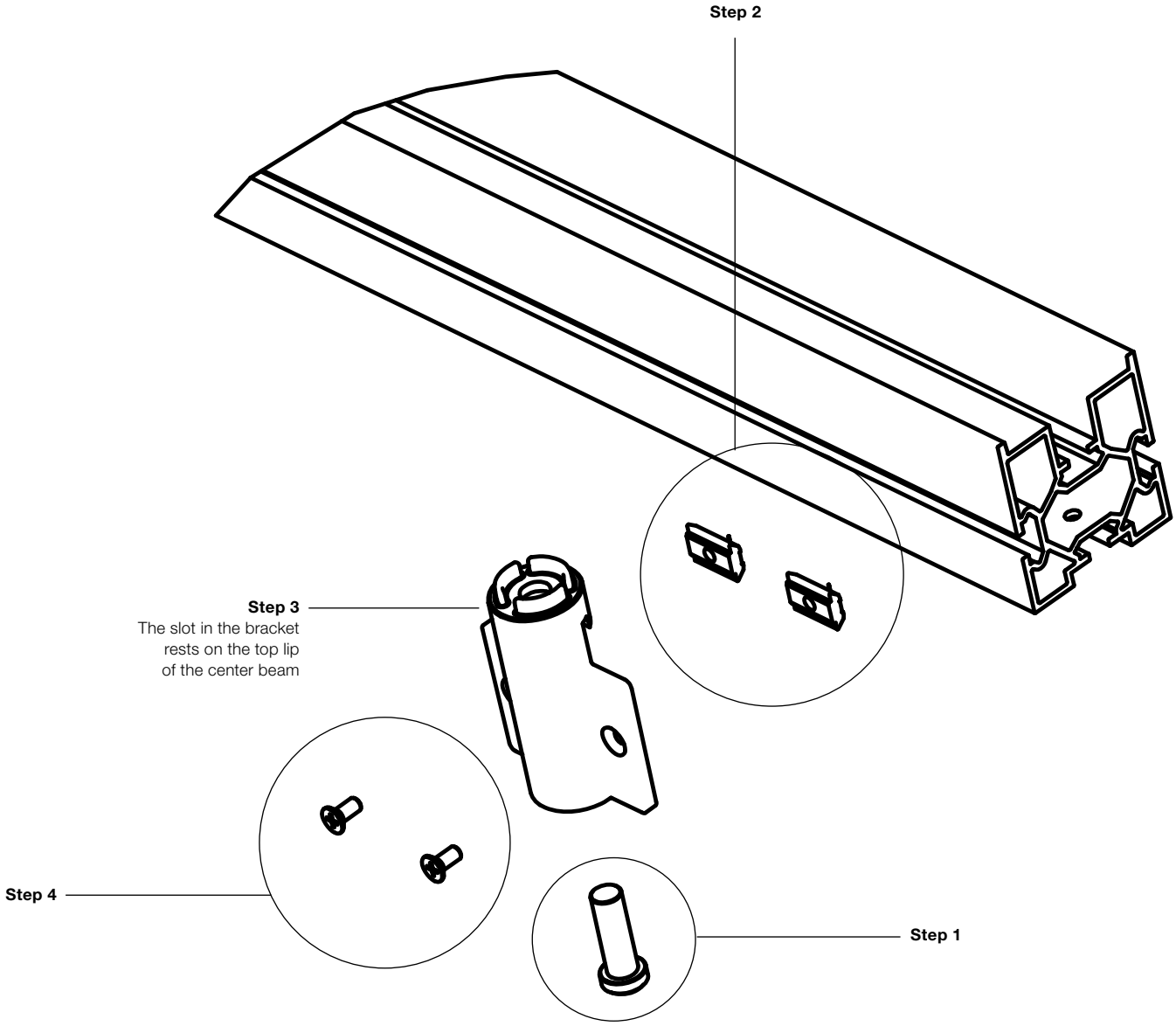


Exploded Beam-Mounted Cantilever Shelf



Cantilever Shelf Beam Mount Assembly

Sapper Monitor Arm and Cantilever Shelf: Center Beam Attachment, continued



Exploded Post Mounting Bracket Detail

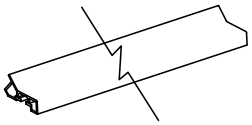
Electrical Components: Power for Desk Rail

Pattern Numbers Represented:
Power Harness, **YRPHE_**, **YR1PHT_**
Power Harness Mounting Brackets for Desks, **YRPHA_**
Duplex Receptacles, **YR1D_**
Outlet Fillers, **YROF**
Raceway Covers, **YRC__**
Raceway End Caps, **YRCE**
Jumper Cables, **YR1EJ_**, **YR1TJ_**

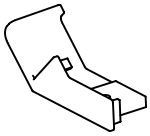
Parts List:
Power Harness Mounting Extrusion (A)
Right Hand Harness Mounting End Cap (B)
Left Hand Harness Mounting End Cap (C)
Spring Nut (D)
M6 x 14mm Machine Screw (E)
Bottom Power Harness Mounting Bracket (F)
Top Power Harness Mounting Bracket (G)
M6 x 70mm Machine Screw & Washer (H&I)
Power Harness
Duplexes
Jumper Cables
Raceway Covers
Raceway End Caps
Outlet Fillers

Tools Needed:
Drill
Phillips #2 and #3 bits

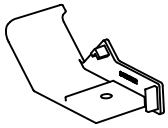
(A) 3AB501003*



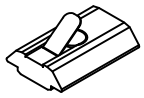
(B) 3AB501101*



(C) 3AB501102*

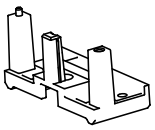


(D) 3AB402196

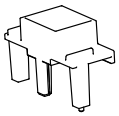


(E) 3AB405640

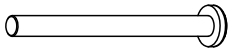
(F) 3AB500800



(G) 3AB500100



(H) 3AB403496



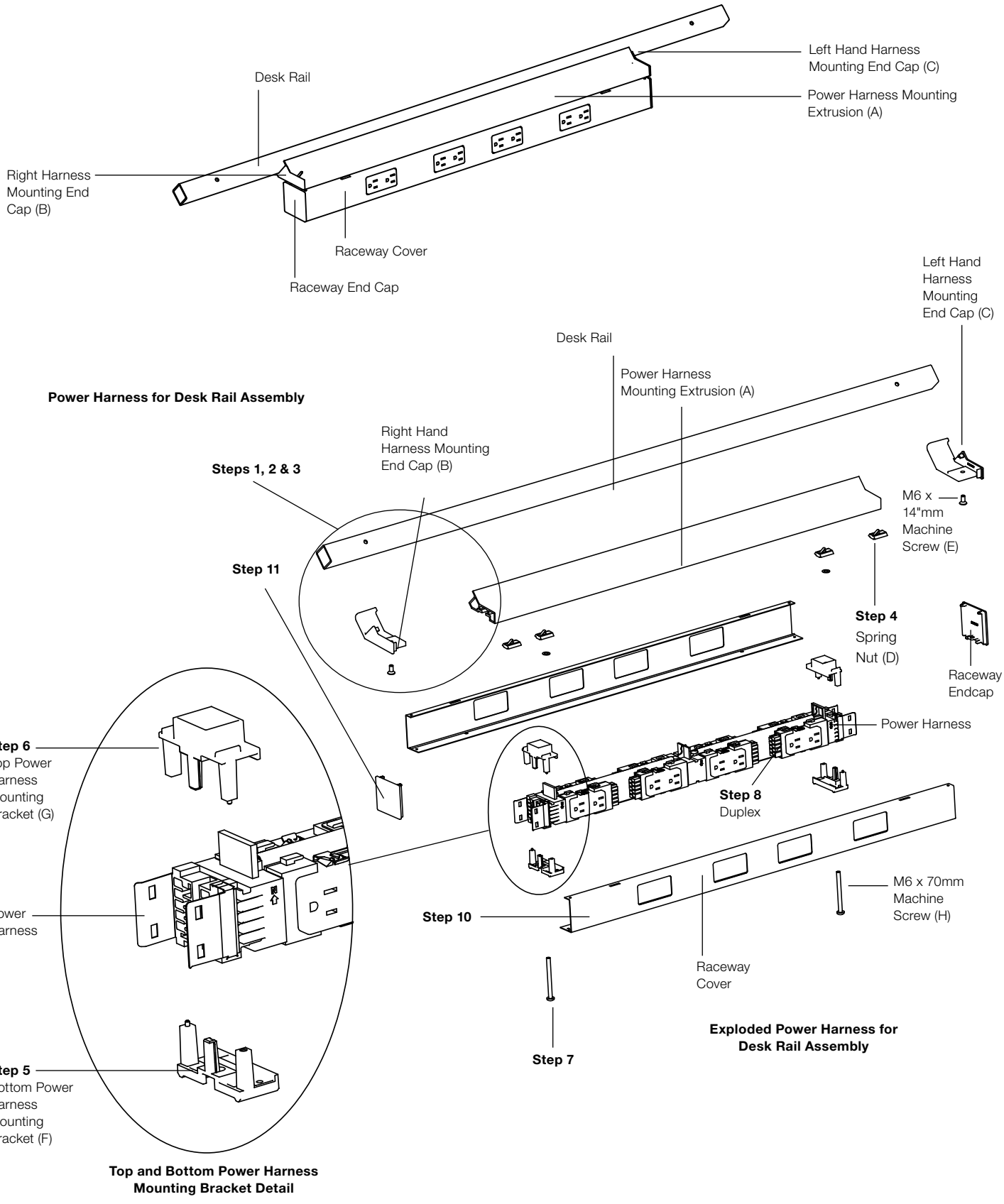
(H) 3AB403500

STEPS:

1. Attach right and left hand harness mounting endcaps (B/C) on top of the desk rail underneath the worksurface. Note: The screws attaching the top to the worksurface may need to be temporarily loosened to allow the placement of the mounting endcaps. The endcaps will hang from the rail.
2. Attach the power harness mounting extrusion (A) to the endcaps (B/C) by sliding and pressure fitting the endcaps into the extrusion.
3. Connect the endcaps (B/C) securely to the power harness mounting extrusion (A) by screwing (2) M6 x 14mm machine screws (E) through the pre-drilled holes in the endcaps and into the spring nuts (D) and tightening.
4. Insert (2) additional spring nuts (D) into the power harness mounting extrusion.
5. Insert bottom power harness mounting bracket (F) into the bottom of the power harness.
6. Insert the top power harness mounting bracket (G) into the top of the power harness.
7. Attach the two bracket (F/G) pairs and the power harness to the power harness mounting extrusion (A) using (1) M6 x 70mm machine screw & washer (H&I) per pair. Each screw should be threaded through a bottom mounting bracket (F), the power harness, a top mounting bracket (G), a washer, and lastly, a spring nut (D) in the power harness mounting extrusion.
8. Insert duplexes into the inner terminals of the power harness as required.
9. Install jumper cables into the outer terminals of the power harness as required.

   NOTE: Arrows stamped into the molded plugs should be pointed up, indicating proper orientation of the jumper cable.
10. Install raceway covers on both sides of power harnesses by first aligning slotted holes on the top of the raceway cover with the tabs on top of the top power harness mounting brackets (G). Swivel the cover downward to engage the groove at the bottom of the raceway cover with the bottom lip of the bottom power harness mounting brackets (F). Install outlet fillers (YROF) in all unoccupied raceway knockout covers.
11. Install raceway end caps on raceway covers for all power harness ends without a connected jumper.

Electrical Components: Power for Desk Rail, continued



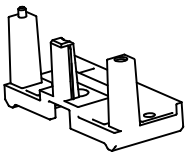
Electrical Components: Power for Big Table Center Beam

Pattern Numbers Represented:
Power Harness, **YRPHE_, YR1PHT_**
Duplex Receptacles, **YR1D_**
Outlet Fillers, **YROF**
Raceway Covers, **YRC__**
Raceway End Caps, **YRCE**
Jumper Cables, **YR1EJ_, YR1TJ_**

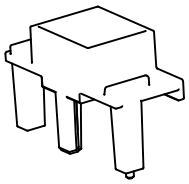
Parts List:
Bottom Power Harness Mounting Bracket (A)
Top Power Harness Mounting Bracket (B)
Spring Nut (C)
M6 x 70mm Machine Screw & Washer (D&E)
Power Harness
Duplexes
Jumper Cables
Raceway Covers
Raceway End Caps
Outlet Fillers

Tools Needed:
Drill
Phillips #2 and #3 bits

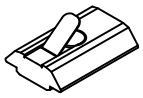
(A) 3AB500800



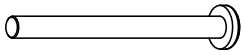
(B) 3AB500100



(C) 3AB402196



(D) 3AB403496



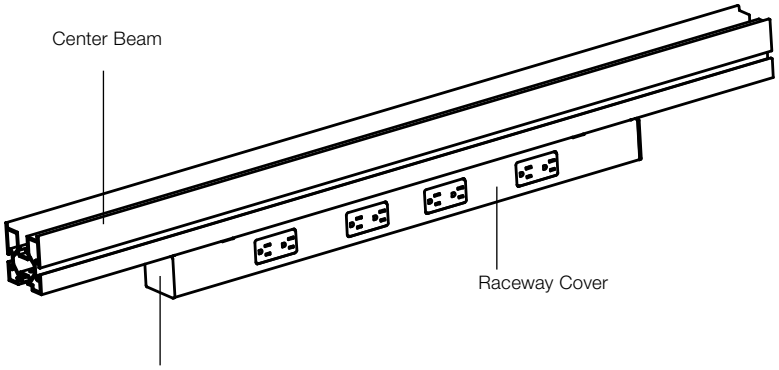
(E) 3AB403500

STEPS:

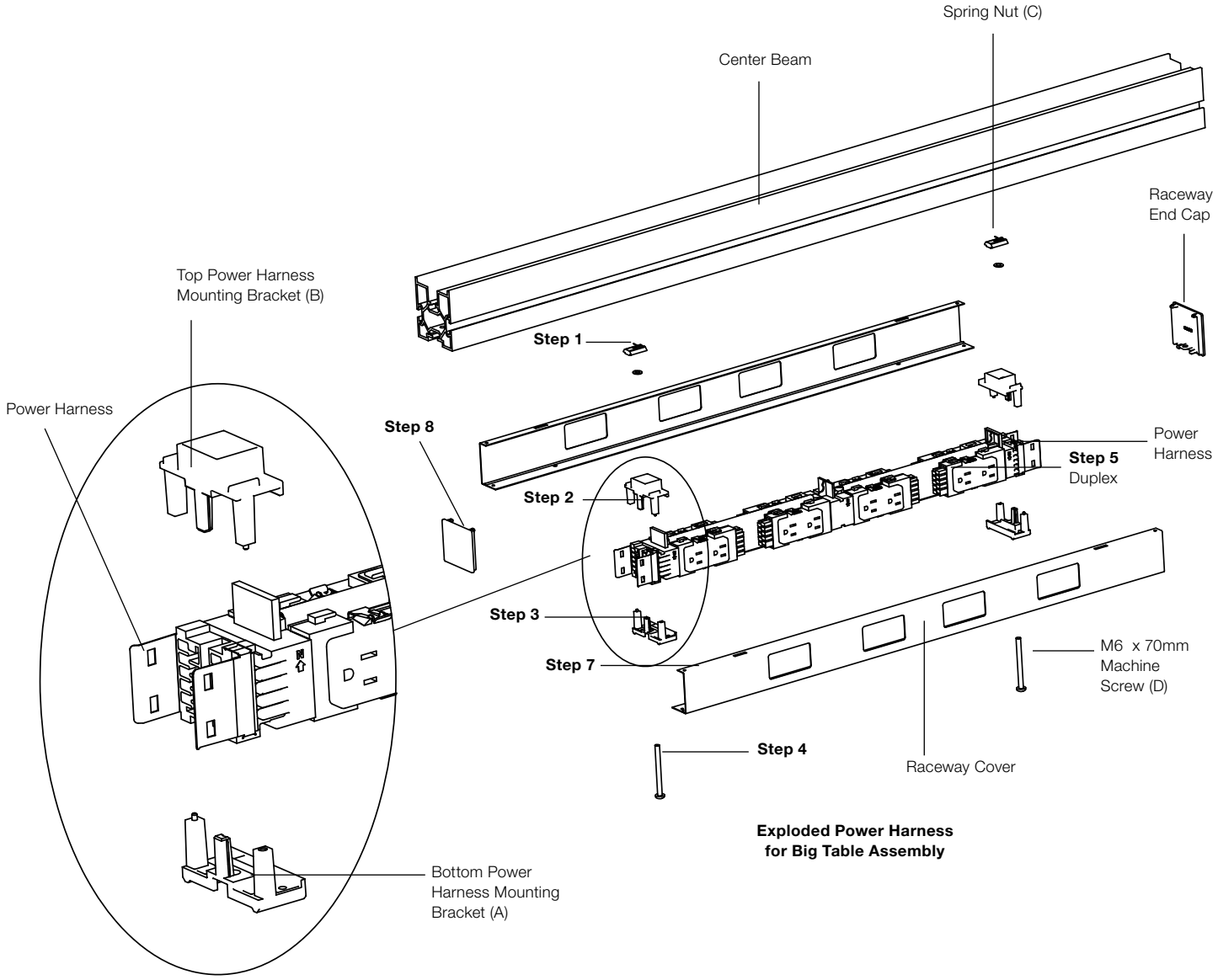
1. Insert (2) spring nuts (C) into the bottom slot in the center beam.
2. Insert bottom power harness mounting bracket (A) into the bottom of the power harness.
3. Insert the top power harness mounting bracket (B) into the top of the power harness.
4. Attach the two bracket (A/B) pairs and the power harness to the center beam using (1) M6 x 70mm machine screw & washer (D&E) per pair. Each screw should be threaded through a bottom mounting bracket (A), the power harness, a top mounting bracket (B), a washer, and lastly, a spring nut (C) in the center beam.
5. Insert duplexes into the inner terminals of the power harness as required.
6. Install jumper cables into the outer terminals of the power harness as required.

   NOTE: Arrows stamped into the molded plugs should be pointed up, indicating proper orientation of the jumper cable.
7. Install raceway covers on both sides of power harnesses by first aligning slotted holes on the top of the raceway cover with the tabs on top of the top power harness mounting brackets (B). Swivel the cover downward to engage the groove at the bottom of the raceway cover with the bottom lip of the bottom power harness mounting brackets (A). Install outlet fillers (YROF) in all unoccupied raceway knockout covers.
8. Install raceway end caps on raceway covers for all power harness ends without a connected jumper.

Electrical Components: Power for Big Table Center Beam, continued



Power Harness for Big Table (Center Beam) Assembly



Exploded Power Harness for Big Table Assembly

Top and Bottom Power Harness Mounting Bracket Detail

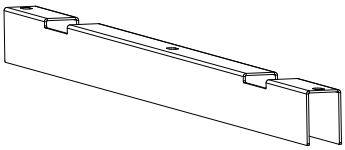
Electrical Components: Surface Mounted Plugmold Raceway

Pattern Numbers Represented:
Plugmold, **YRPM__**
Plugmold Mounting Kit, **YRPMK**

Parts List:
Plugmold Mounting Rail (A)
Spring Nut (B)
M6 x 10mm Machine Screw (C)
Plugmold Assembly (D)
Center Beam (or)
Power Harness Mounting Bracket for Desks

Tools Needed:
Drill|
Phillips #2 and #3 bits

(A) 3AB504501*

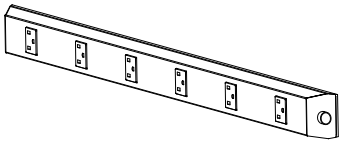


(B) 3AB402196

(C) 3AB4067

(D) YRPM361/ YRPM362

Note: These Plugmolds are standard pattern numbers, not parts.



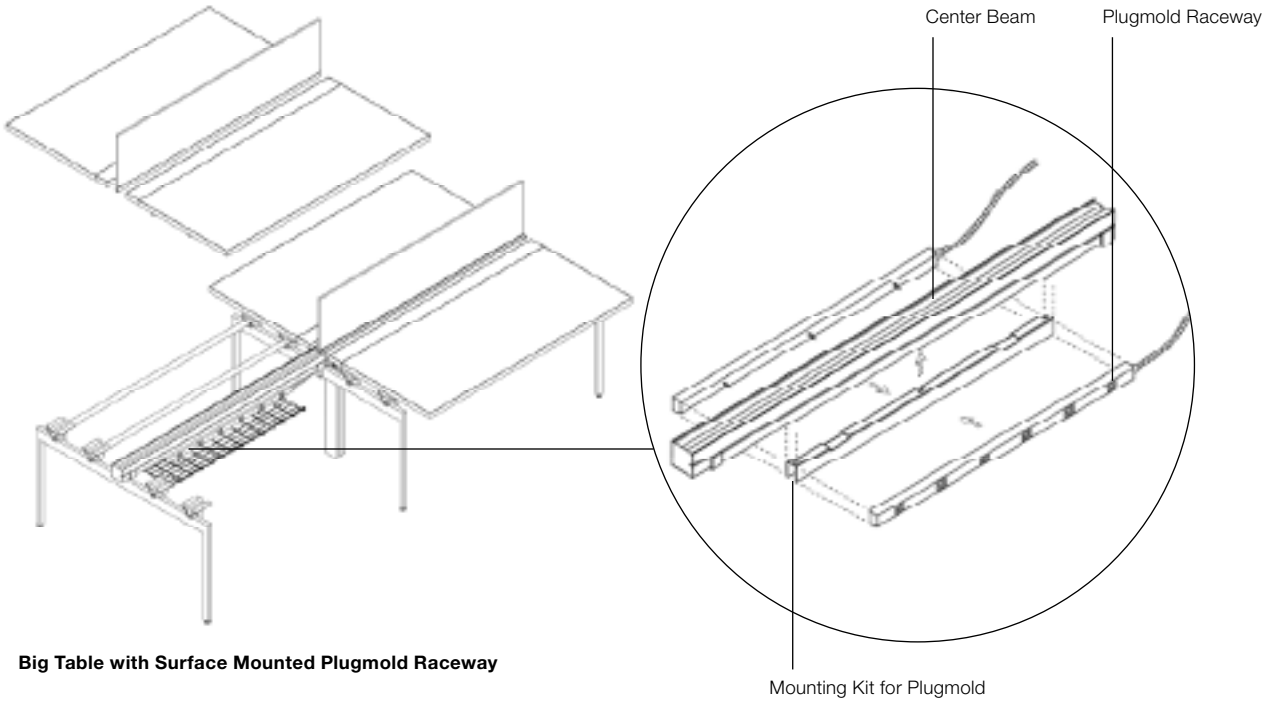
STEPS

1. Install (3) spring nuts (B) into the bottom slot in the center beam of the Big Table or in the Power harness Mounting Bracket for Desks at desired location.
2. Fasten the Plugmold mounting rail (A) to the spring nuts using (3) M6 x 10mm machine screws (C).
3. Fasten the back (base) portion of the Plugmold assembly (D) with the #8 flat head screws provided with the assembly.
4. To connect the building electrical system to the pre-wired simplex outlets, first feed wires through and attach a cable exit cover to the end of the front cover portion of the Plugmold assembly (D). Connect outlets, as required.

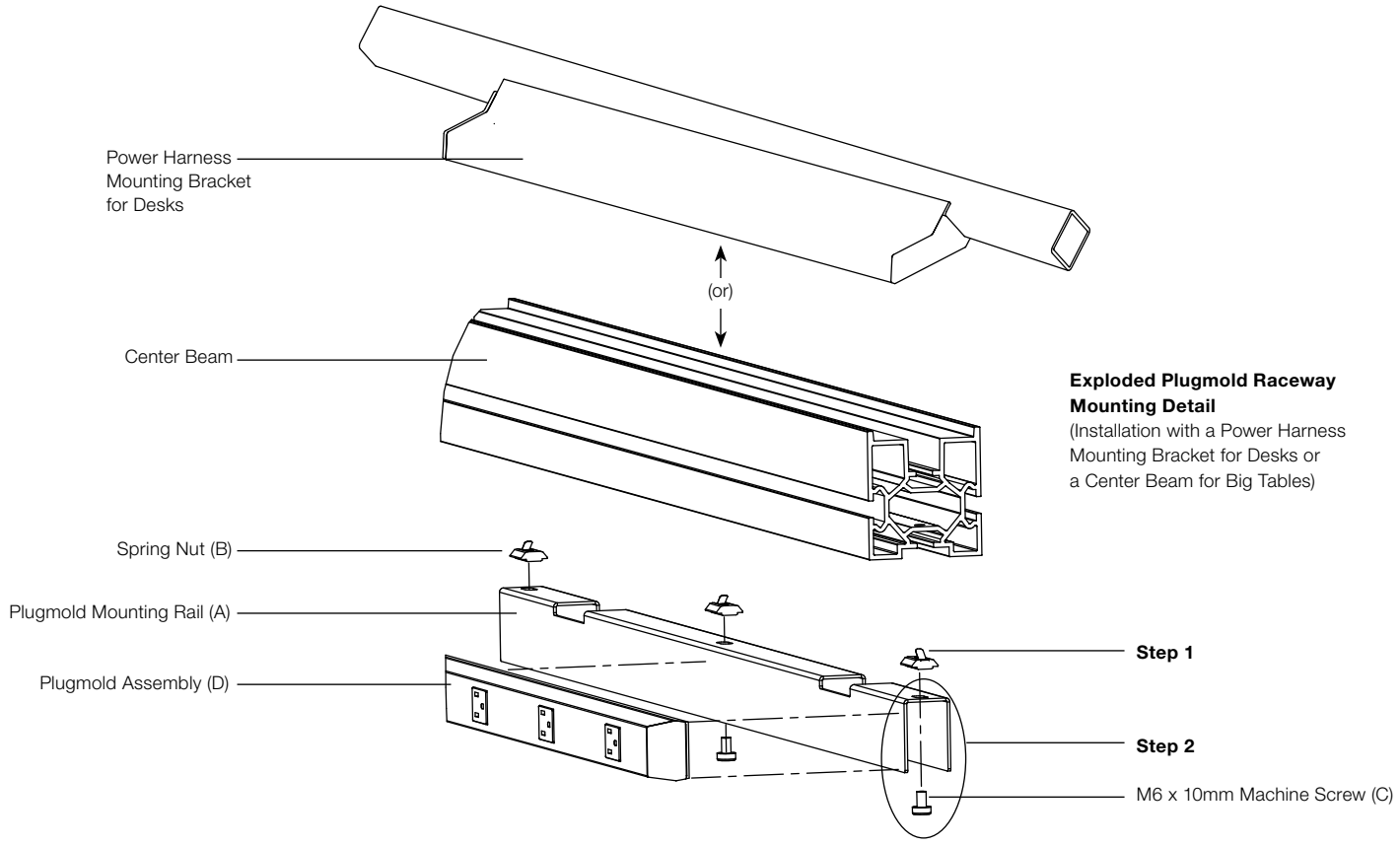
   Note: Plugmold components conform with, and should be installed and properly grounded in compliance with requirements of the current National Electrical Code or codes administered by local authorities.

   Note: All electrical products may represent a possible shock or fire hazard if improperly installed or used.
5. To close the Plugmold assembly after wiring, engage the lower bead of the cover in the base. Starting at one end and progressing along the unit, snap in the upper bead, striking sharply with the heel of your hand.
6. Connect all Plugmold sections as required, capping the final Plugmold section in the run with a flat end cover included with the Plugmold Assembly (D).

Electrical Components: Surface Mounted Plugmold Raceway, continued



Big Table with Surface Mounted Plugmold Raceway



Exploded Plugmold Raceway Mounting Detail
(Installation with a Power Harness Mounting Bracket for Desks or a Center Beam for Big Tables)

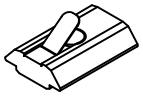
Vertical Wire and Infeed Manager

Pattern Number Represented:
Vertical Infeed/ Wire Manager, **YR1VWM323**

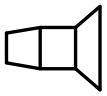
Parts List:
Spring Nut (A)
M6 x 14mm Machine Screw (B)
Vertical Wire Manager Conduit Assembly
Vertical Wire Manager Assembly Covers

Tools Needed:
Drill
Phillips #2 and #3 bits

(A) 3AB402196



(B) 3AB405640

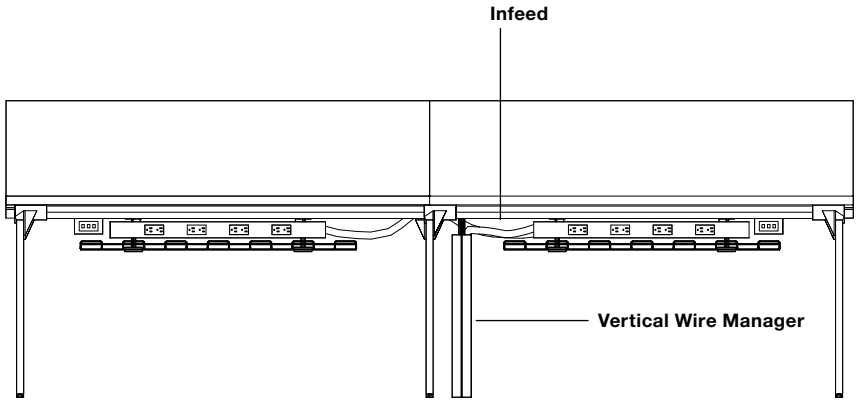


STEPS:

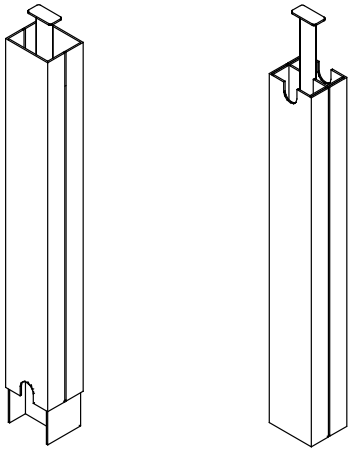
1. Insert (2) spring nuts (A) into the bottom slot in the center beam of the Big Table, in desired location for wire management or infeed.
2. Position the vertical wire management conduit assembly under the center beam, aligning the holes in the assembly with the spring nuts (A).
3. Fasten the vertical wire management conduit assembly to the spring nuts using (2) M6 x14mm machine screws (B).
4. Place cables, power conduit, and wires in side cavities of conduit assembly, separating data from power, if desired.
5. Select preferred orientation of vertical wire manager assembly covers, and pressure fit a cover on each side of the assembly.

   NOTE: Covers will slide up/ down to meet the floor.

   NOTE: If installing the vertical wire manager under a desk without a center beam, attach the vertical wire manager conduit assembly with wood screws (not provided) instead of machine screws referenced in step 3.

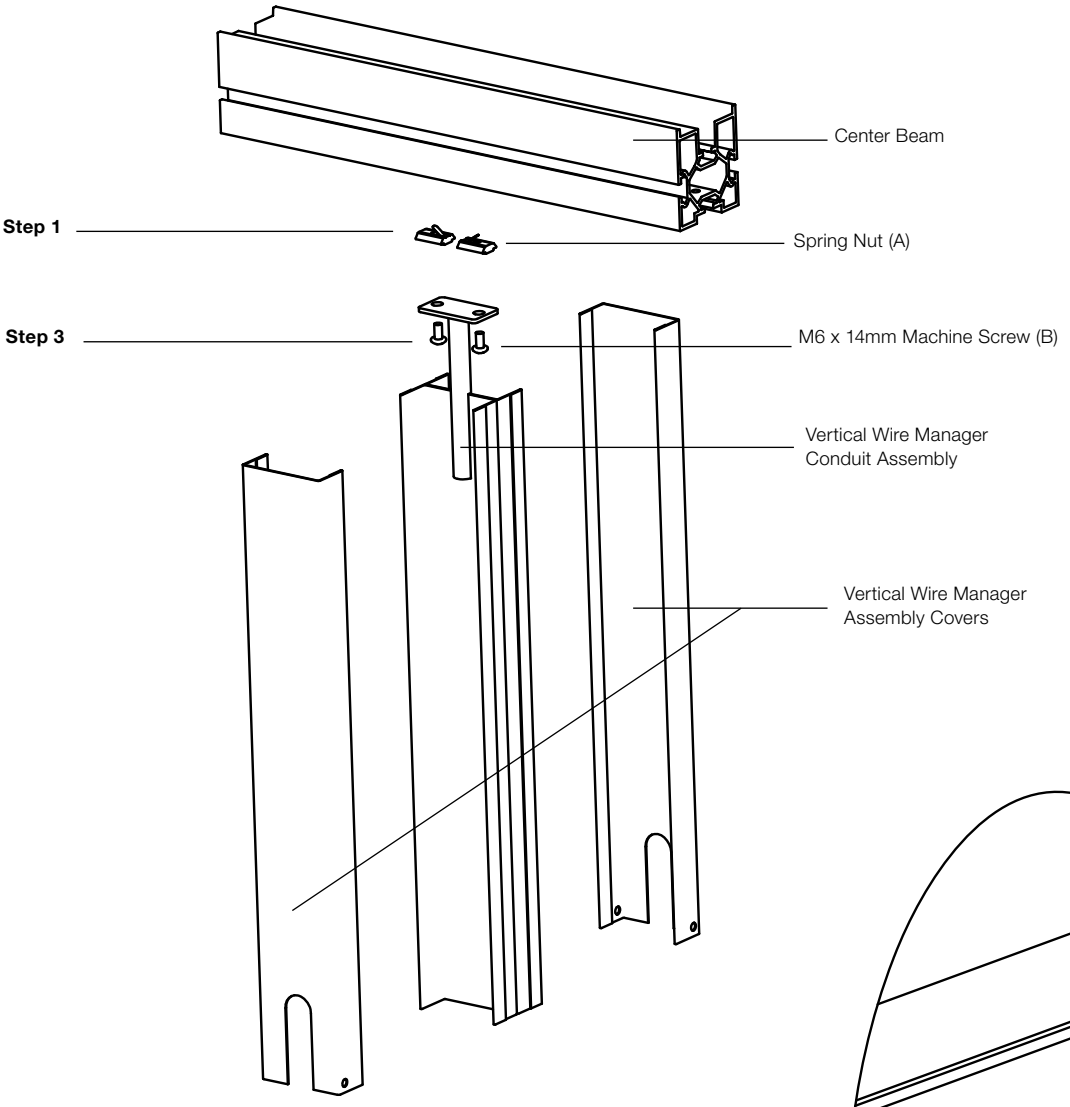


Big Table with Vertical Wire Manager Elevation

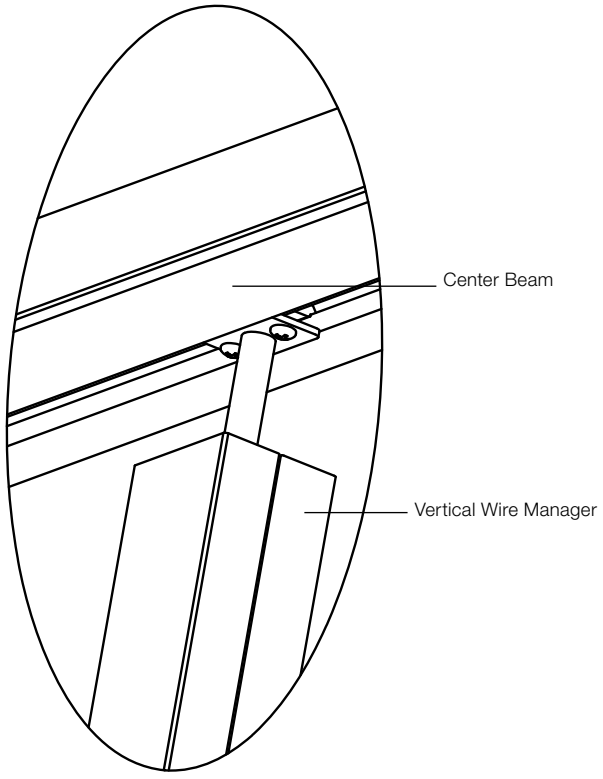


Vertical Wire Manager Assembly Options

Vertical Wire and Infeed Manager, continued



Exploded Vertical Wire Manager Assembly



Vertical Wire Manager Connection Detail (View from Below)

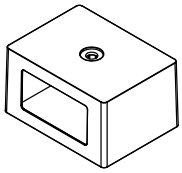
Electrical Components: Communications Mounting Box

Pattern Number Represented:
Communications Mounting Box, **YR1CMB**

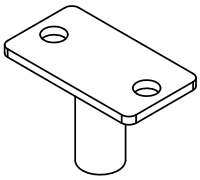
Parts List:
Data Box (A)
Rod Weldment (B)
Spring Nut (C)
M6 x 14mm Machine Screw (D)
$^{5}/_{16}$–18 x ¾" Machine Screw (E)
Center Beam (or)
Power Harness Mounting Bracket for Desks

Tools Needed:
Drill
Phillips #2 and #3 bits

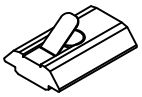
(A) 3AB5035*



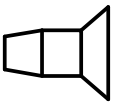
(B) 3AB8019*



(C) 3AB402196



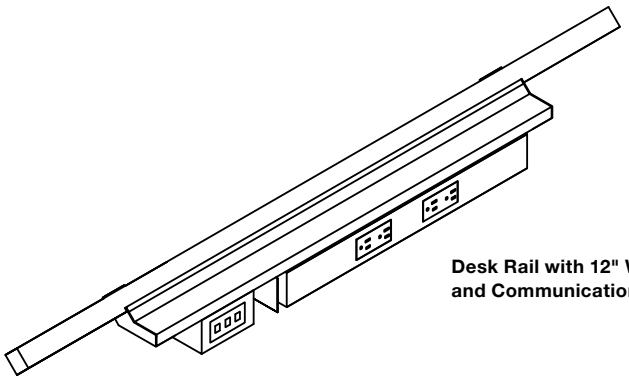
(D) 3AB405640



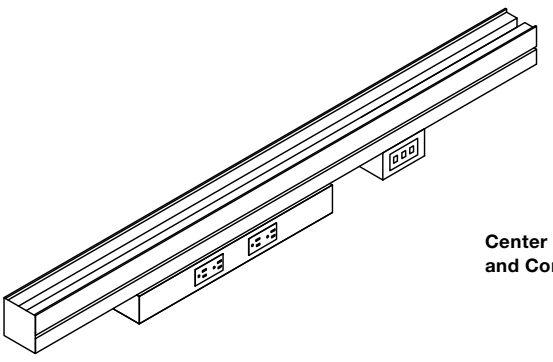
(E) 7060440

STEPS:

1. Insert (2) spring nuts (C) into the bottom slot in the center beam of the Big Table or in the Power Harness Mounting Bracket for Desks at desired location.
2. Fasten the rod weldment (B) to the spring nuts using (2) M6 x 14mm machine screws (D).
3. Attach the data box (A) to the weldment rod using a $^{5}/_{16}$-18 x ¾" machine screw (E).
4. Install communication faceplates and data modules, provided by others, by snapping into the front and/or back knockout of the data box, as required.

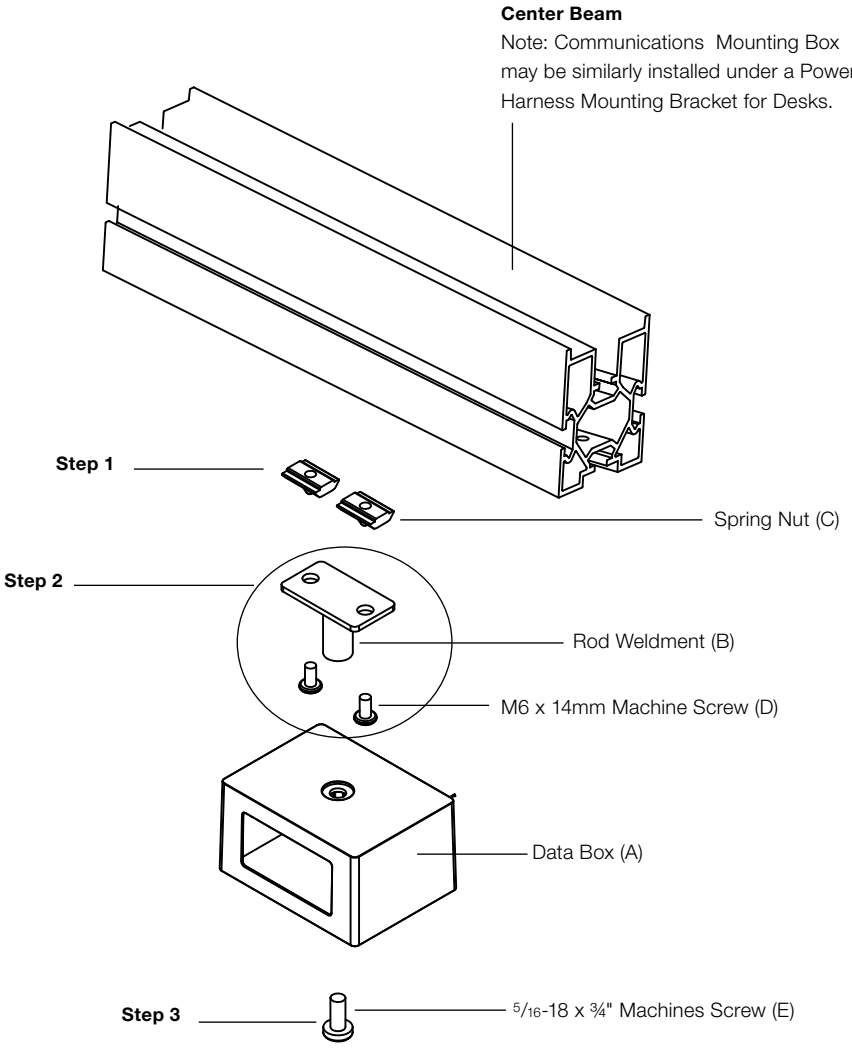


Desk Rail with 12" W Power Harness and Communications Mounting Box



Center Beam with 12"W Power Harness and Communications Mounting Box

Electrical Components: Communications Mounting Box, continued



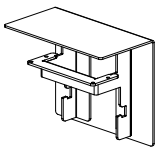
Exploded Communications Box Assembly

Electrical Components: Desktop Outlet Center Module and Desk Mounted Shroud

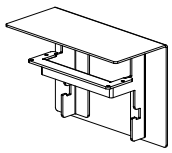
Parts List:
Shroud Weldment, 7½" (A) (or)
Shroud Weldment, 8¾" (B) (or)|
Shroud Weldment, 10" (C)
Lower Bracket (D)
#6 Torx Screw (E)
Thumb Screw (F)
Desktop Outlet Center Module, 3, 4 or 5 position (G)

Tools Needed:
#2 Phillips Driver
T15 Torx Driver, or 3/32" Allen Wrench

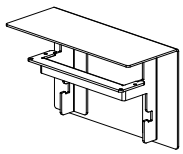
(A) 3AB5446*



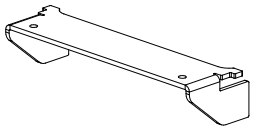
(B) 3AB5442*



(C) 3AB5450*



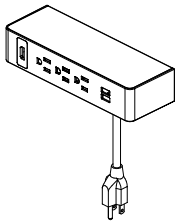
(D) 3AB5449*



(E) 3AB5433

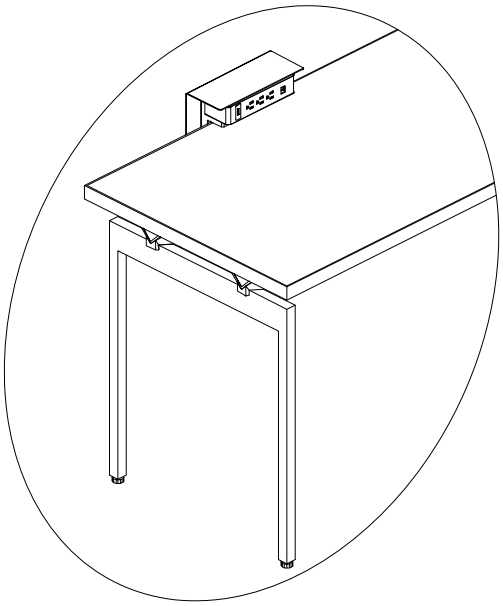
(F) 3AB5038

(G) 3AB5451*
Note: 5 position cordset shown

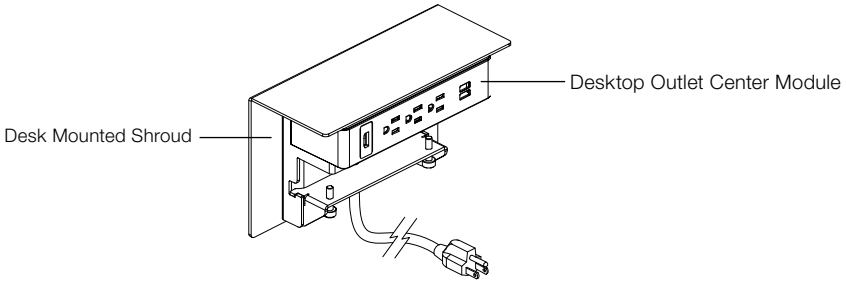


STEPS:

1. If applicable, install communication faceplates and data modules, provided with the Desktop Outlet Center Module (G), using individual data port installation instructions, as required.
2. Insert the cordset/conduit feed on the Desktop Outlet Center Module (G) through the center front opening of the Shroud Weldment (A/B/C) and route it downward. The cordset/conduit feed may need to be aligned with the cutout at the center of the Shroud Weldment (A/B/C).
3. Align the mounting holes in the underside of the Desktop Outlet Center Module (G) with the mounting holes on the Shroud Weldment (A/B/C), and fasten with (4) #6 Torx Screws (E). Do not over-tighten.
4. Position the Shroud Weldment (A/B/C) in the desired location at the edge of the desktop. The rubber pads should rest on the desktop surface.
5. Insert (2) Thumb Screws (F) into the threaded holes on the Lower Bracket (D).
6. Install the Lower Bracket (D) onto the Shroud Weldment (A/B/C). The cordset/conduit feed on the Desktop Outlet Center Module (G) can be routed behind or above the Lower Bracket (D) as the bracket is installed.
7. Hand-tighten the Thumb Screws (F) to secure the Shroud Weldment (A/B/C) to the desktop.

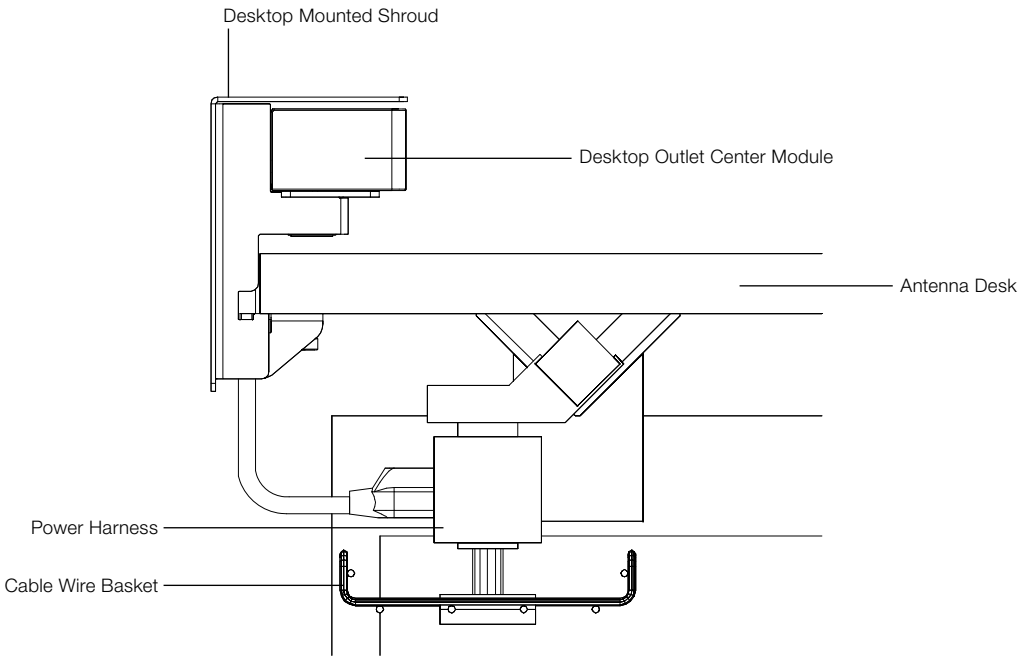


Desktop Outlet Center Module & Desk Mounted Shroud-Installed, Axonometric View

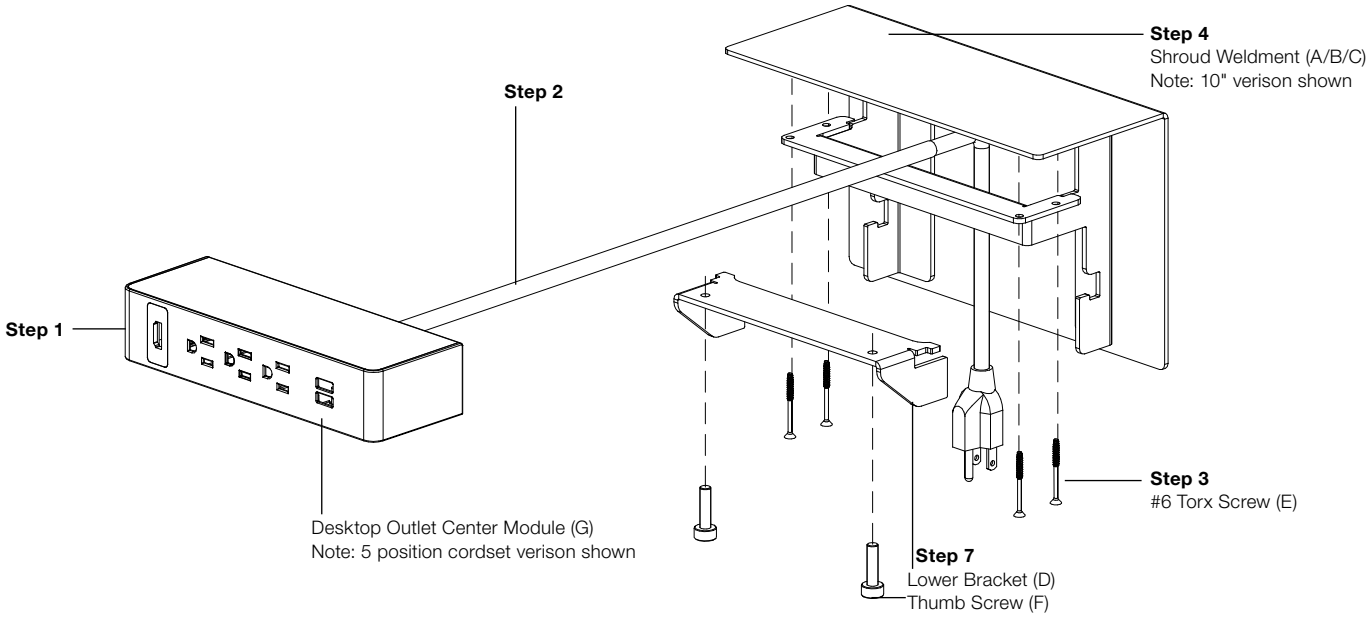


Desktop Outlet Center Module with Desk Mounted Shroud, Assembled

Electrical Components: Desktop Outlet Center Module and Desk Mounted Shroud, continued



Desktop Outlet Center Module and Desk Mounted Shroud- Installed, Side View



Desktop Outlet Center Module and Desk Mounted Shroud- Exploded View, Steps 1-7

12" Deep Big Table Cable Basket and 6" Deep Data Cable Basket

Pattern Numbers Represented:
Upper Cable Baskets, **YR1CB__B**
Lower Cable Baskets, **YR1CB__H**
Lower Cable Basket Mount Kit, **YR1CBH**
Cable Basket Extra Mount Kit, **YR1CBB4**
Cable Basket Extension Kit, **YR1CBX2**

Parts List for 12"D Cable Basket Installation:
Upper Cable Basket Bracket (A)
Lower Cable Basket Bracket (B)
Upper Rod Weldment (C)
Spring Nut (D)
M6 x 25mm Machine Screw (E)
$^{5}/_{16}$-18 x ¾" Machine Screw (F)
M6 x 12mm Machine Screw (G)
Lower Rod Weldment (H)
12"D Cable Basket, 27" or 39" (J)

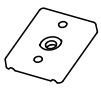
Additional Parts for 6"D Data Cable Basket Installation:
Lower Rod Weldment (H)
6"D Data Cable Basket, 69" (K)

Additional Parts for Direct Underdesk Mounting:
#14 x 1" FH Wood Screw (I)

Optional:
Cable Basket Extension Kit
Cable Basket Extra Mount Kit

Tools Needed:
Drill
Phillips #2 and #3 bits

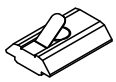
(A) 3AB8016*



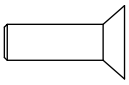
(B) 3AB8017*

(C) 3AB8018*

(D) 3AB402196

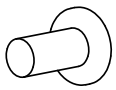


(E) 3AB405540

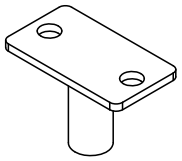


(F) 7060440

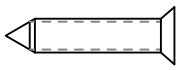
(G) 3AB406640



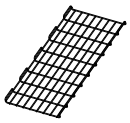
(H) 3AB8019*



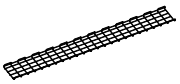
(I) 7434100



(J) 3AB801001115 (27" wide)
3AB801002115 (39" wide)



(K) 3AB801003115 (69" wide)



STEPS:

12"D Cable Basket Installation Steps:

1. Insert (4) spring nuts (D) into the bottom slot in the center beam (i.e. (2) per bracket).
2. Place (1) upper cable basket bracket (A) and (1) lower cable basket bracket (B) together, with the cable basket (J) between them, on each end of the cable basket.

   NOTE: The location of the brackets will be determined by the size of the table and the location of any installed power harnesses.
3. Attach the upper and lower brackets together using (2) $^{5}/_{16}$-18 x ¾" machine screws (F) per bracket pairing.
4. Place an upper rod weldment (C) into the counter sunk hole in the center of each upper cable basket bracket (A). Fasten using a $^{5}/_{16}$-18 x ¾" machine screw (F) from the bottom of each lower cable basket bracket (B).
5. Position the entire basket assembly under the center beam, aligning the holes in the upper rod weldment (C) with the spring nuts inserted into the beam in Step 1. Fasten each side using (2) M6 x 12mm machine screws (G) per upper rod weldment.

Additional Steps for 6" Data Cable Basket Installation:

6. Place (1) upper cable basket bracket (A) and (1) lower cable basket bracket (B) together, with the data cable basket (K) between them, on each end of the data cable basket.

   NOTE: The location of the brackets and the final size of the data cable basket will be determined by the size of the table. The data cable basket is 69"W and may have to be field cut to fit between desk legs or legs and storage.
7. Attach the upper and lower brackets together using (2) $^{5}/_{16}$-18 x ¾" machine screws (F) per bracket pairing.
8. Place a lower rod weldment (H) into the counter sunk hole in the center of each upper cable basket bracket (A). Fasten using a $^{5}/_{16}$-18 x ¾" machine screw (F) from the bottom of each lower cable basket bracket (B).
9. Attach the lower rod weldments (H) to the lower cable basket brackets (B) of the previously installed 12"D cable basket (J) using (2) $^{5}/_{16}$-18 x ¾" machine screws (F) per weldment.

Alternate Steps For Direct Underdesk Mounting:

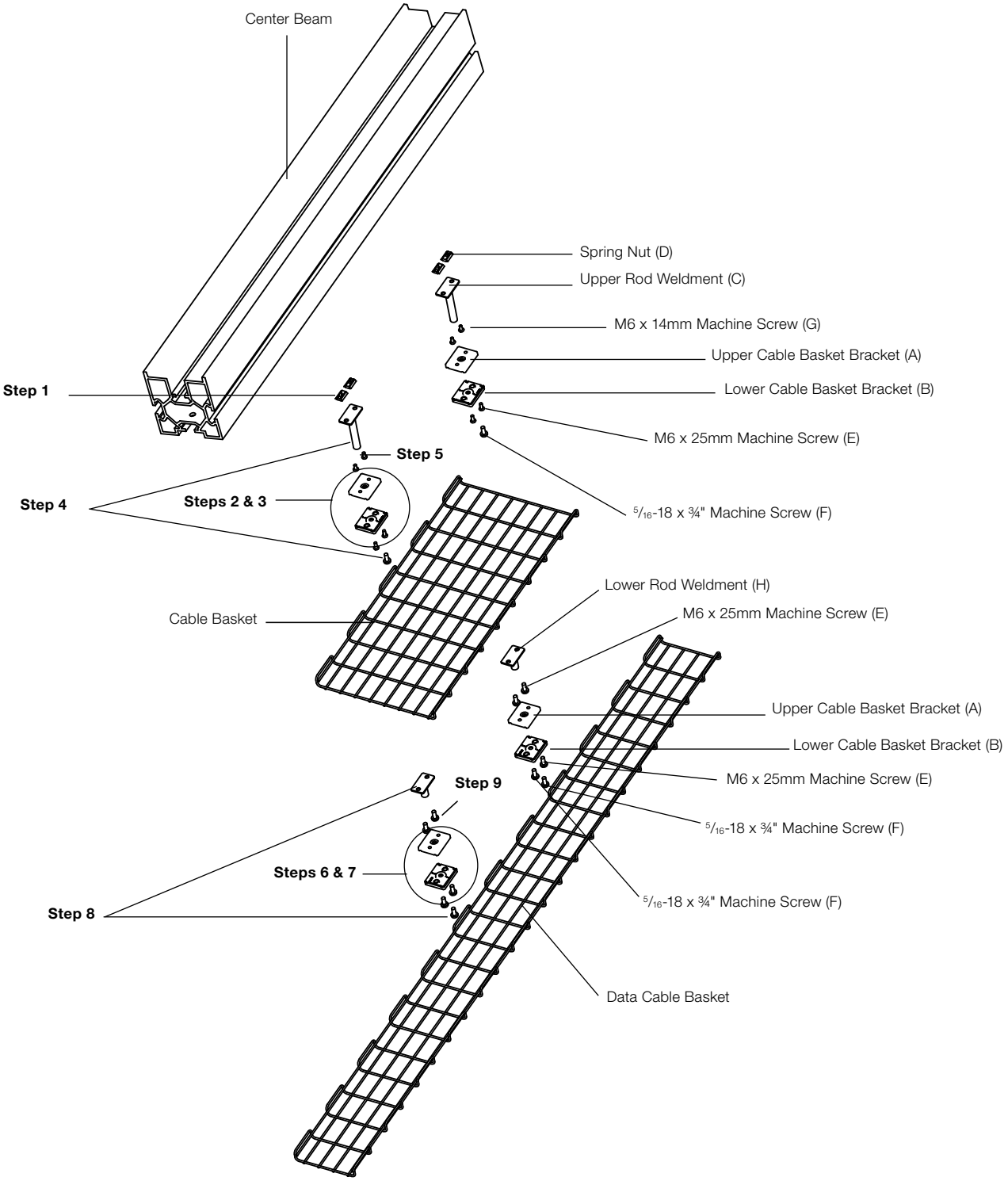
Please note that the 12" basket may be directly mounted to the underside of any worksurface.

1. Follow Installation Steps 2 through 4 for a 12"D Cable basket.
2. Position the entire basket assembly under the worksurface, as desired, and attach the upper rod weldments (C) to the underside of the worksurface with (2) #14 x 1" FH wood screws (I) per upper rod weldment.

Additional Options:
NOTE: Cable basket extension kits (YR1CBX2) may be installed to extend the length of either the upper rod weldments (C) or lower rod weldments (H) by 1 ¾" for 12" or 6" cable baskets by twisting them directly onto the rod before attaching the cable basket brackets (A/B).

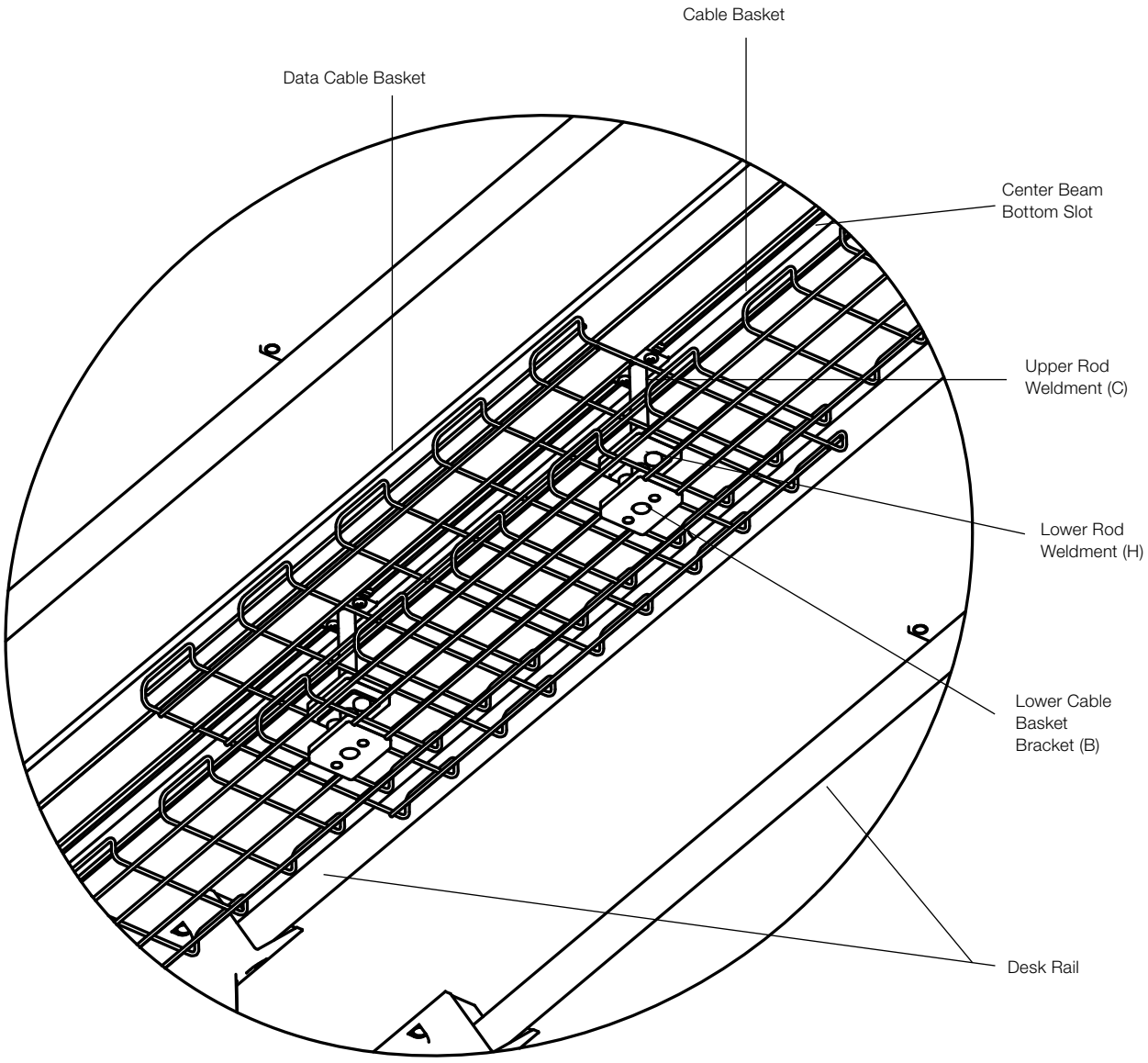
NOTE: When a single cable basket is cut into two smaller baskets, a cable basket extra mount kit (YR1CBB4) provides duplicate hardware to attach the second basket. See steps 1-5 for installation.

12" Deep Big Table Cable Basket and 6" Deep Data Cable Basket, continued



Exploded 12" D Big Table Cable Basket and 6" D Data Cable Basket Assembly

12" Deep Big Table Cable Basket and 6" Deep Data Cable Basket, continued



Cable Basket Shown Suspended From 12"D Cable Basket (View from Below)

Cable Management: Wire Basket Cover (pair) and End Cap (pair)

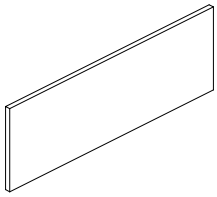
Pattern Numbers Represented:
Wire Basket Cover (pair), **YR1CBC_**
Wire Basket End Cap,6" **YR1CBE06**
Wire Basket End Cap, 12", **YR1CBE12**

Parts List:
Side Cover
End Cap
Foam Tape (A)

Pre-Assembled Antenna Table, Desk, or Big Table with Upper and Lower Cable Baskets Installed

Tools Needed:
None

(A) 3AB4467



STEPS:

NOTE: Before assembly, verify the correct installation of mounted cable baskets. Cable baskets must be the same depth, with a 4" or 7" downmount bracket (YR1CBB4 or YR1CBB7), and have a 1-3/8" spacing bracket (YR1CBH) between the baskets.

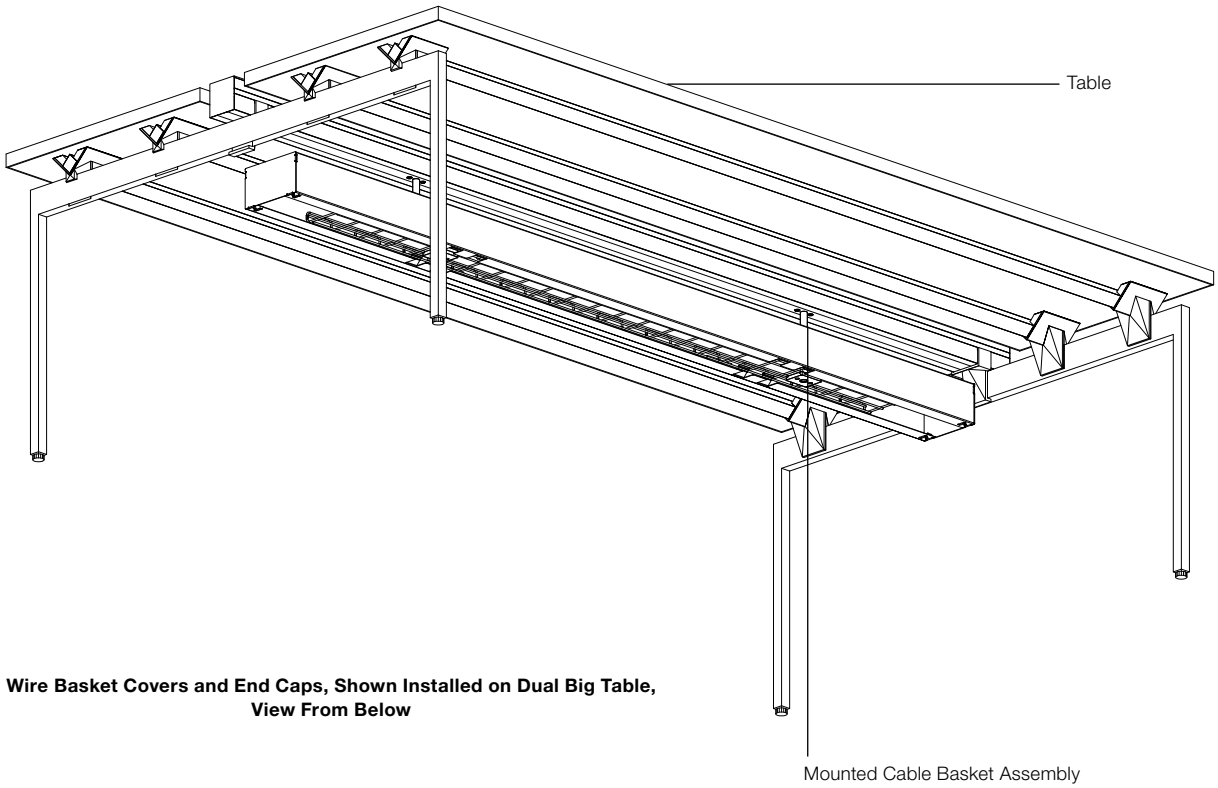
Install Slide Covers:

1. Remove backing paper and position (2) Foam Tape squares (A) on each side cover, directly inboard of the lower tabs (see the diagram below).
2. Hook a side cover on top of the mounted cable basket assembly, centered over the cable basket. Rotate the side cover downwards into a vertical position and engage the bottom snaps on the underside of the basket. Repeat for the opposite side cover.

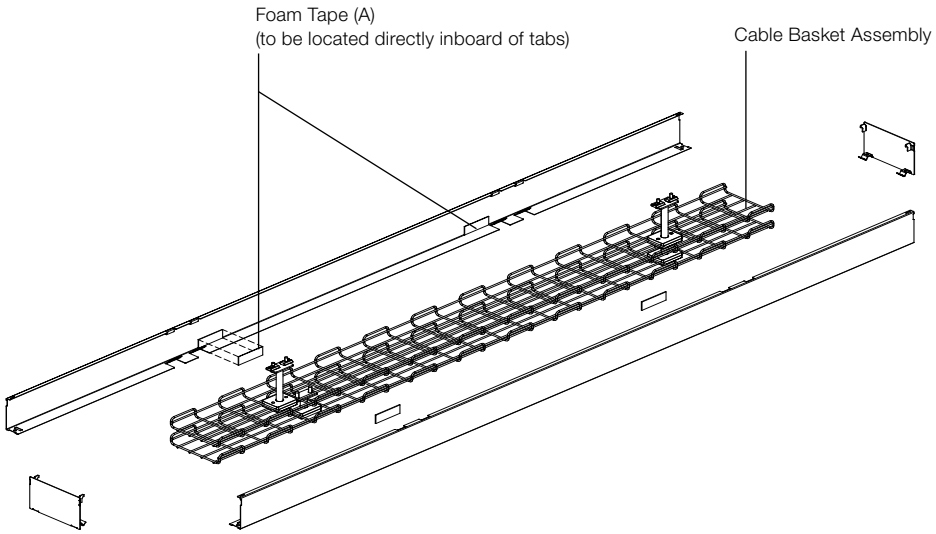
Install End Covers:

3. Engage the bottom tabs of an End Cap into the ends of the Side Covers. Rotate the end cap upwards into a vertical position and engage the upper tabs into the tops of the side covers. Repeat for the opposite end cap.

Cable Management: Wire Basket Cover (pair) and End Cap (pair), continued

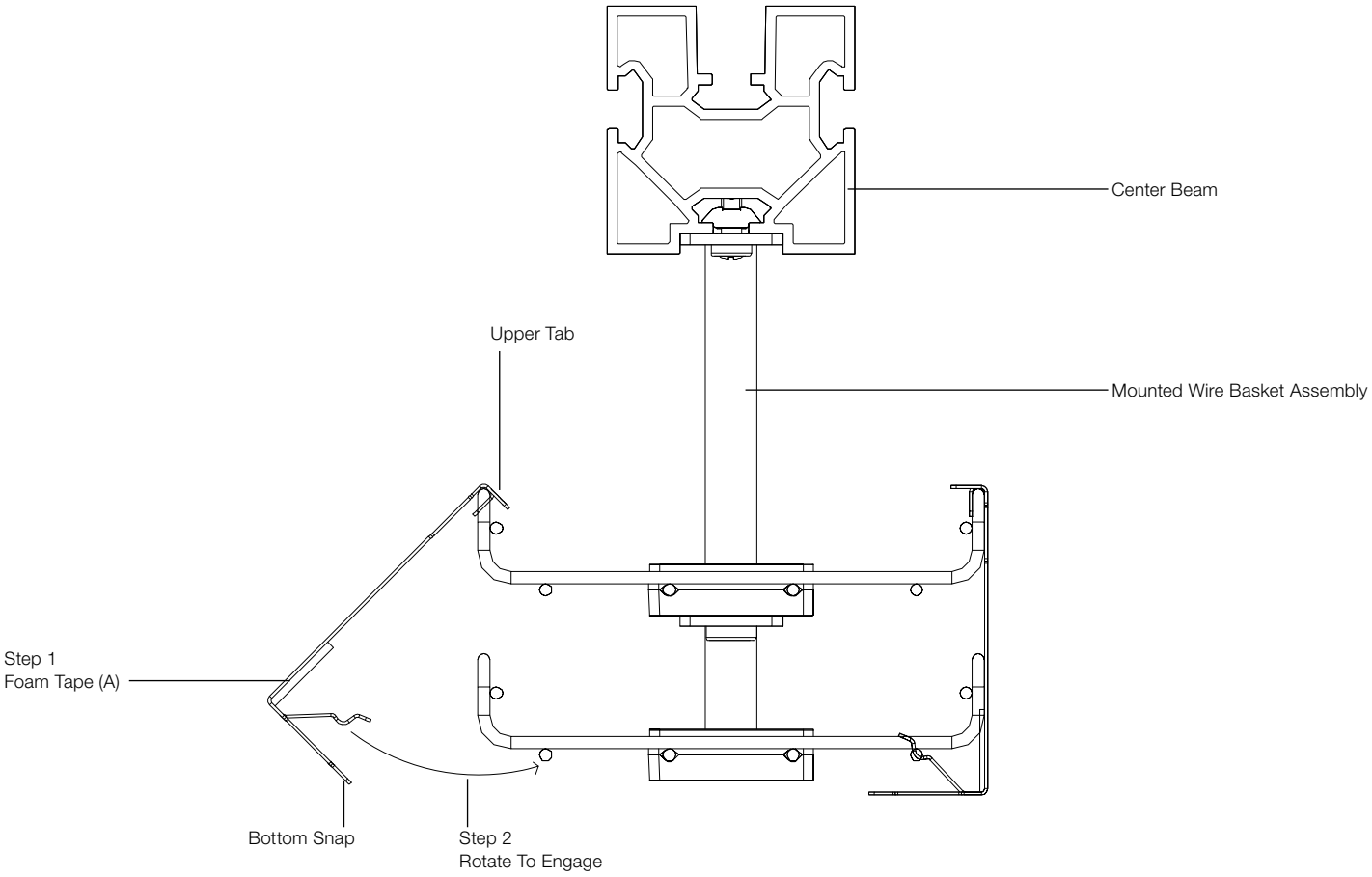


Wire Basket Covers and End Caps, Shown Installed on Dual Big Table, View From Below

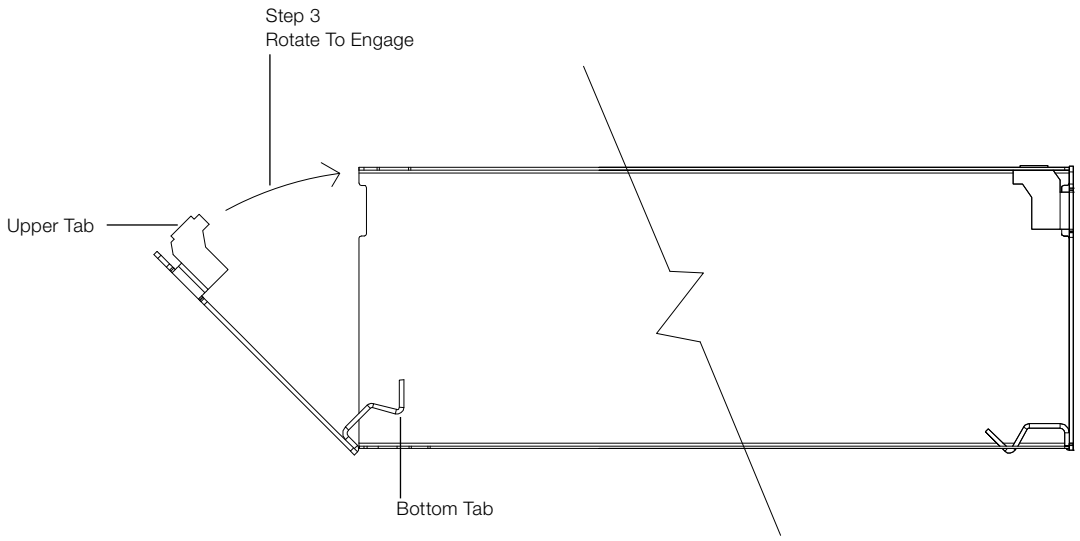


Wire Basket Covers and End Caps, Exploded, Shown with 6" Deep Cable Basket Assembly

Cable Management: Wire Basket Cover (pair) and End Cap (pair), continued



Wire Basket Cover Pair, Section View, Shown with 6" Deep Baskets



Wire Basket End Cap Pair, Section View

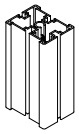
Fence-Antenna Leg & Stabilizer Foot

Pattern Numbers Represented:
Individual Legs, **YFL_**
Stabilizer Foot, **YFLSF**

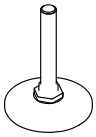
Parts List:
Leg (A)
Glide (B)
¼-20 x 1 ¼" Self Tapping Screw (C)
$^{5}/_{16}$ – 18 Weld Nut (D)
Stabilizer Foot (E)
$^{5}/_{16}$ – 18 x ¾" Machine Screw (F)
Fence Frame

Tools Needed:
Drill
Phillips #2 and #3 bits

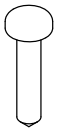
(A) 3AB103503* (3.080" for 25"H Fence)
3AB103504* (6.375" for 28"H Fence)



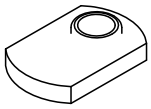
(B) 1C5948352



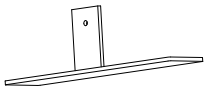
(C) 6AA412296



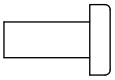
(D) 7485400



(E) 3AB1190 (black only)



(F) 7060440



STEPS

For Fence-Antenna Leg:

1. Screw (1) glide (B) into each leg (A) to be installed.
2. Determine the location of the legs per the plan. Refer to stability guideline pages in the Antenna Price List/ Planning Guide, under "Fence Structure".
3. Attach the legs to the underside of the Fence frames with (4) ¼-20 x 1 ¼" self tapping screws (C) per leg.

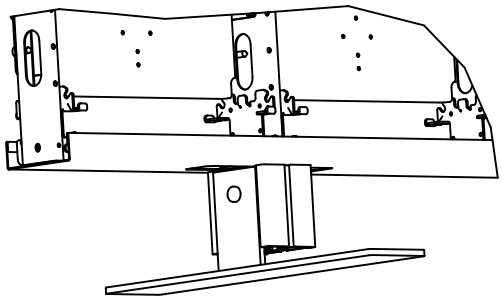
   NOTE: Legs attach (at minimum) 12" in from the end of the Fence frames.

For Fence-Antenna Stabilizer Foot:

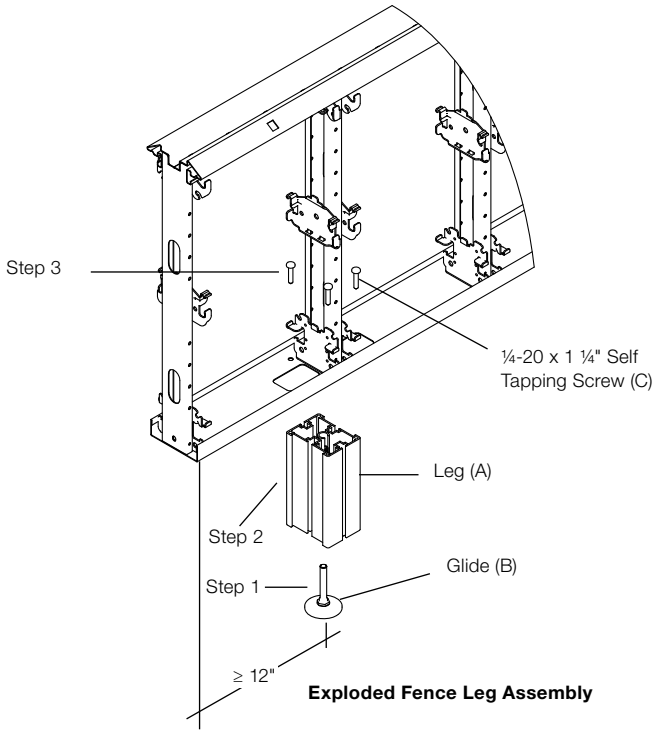
4. Determine the locations of the legs requiring stabilizer feet per the plan.

   NOTE: Not all legs require stabilizer feet. Refer to stability guideline pages in the Antenna Price List/ Planning Guide, under "Fence Structure".
5. For each leg requiring a stabilizer foot, slide (1) $^{5}/_{16}$–18 weld nut (D) into the slot on the side of the leg. The nut will slide into the leg from the bottom.
6. Position a stabilizer foot (E) against the side of leg (A) with the weld nut (D). The glide (B) will sit on top of the stabilizer foot (E).
7. Attach the stabilizer foot loosely to the weld nut (D) with (1) $^{5}/_{16}$ – 18 x ¾" machine screw (F).
8. Attach and level the Fence frames per the plan.
9. Tighten all of the screws (F) in the stabilizer feet (E) and adjust the leg glides (B) so they are snug against the stabilizer feet (E).

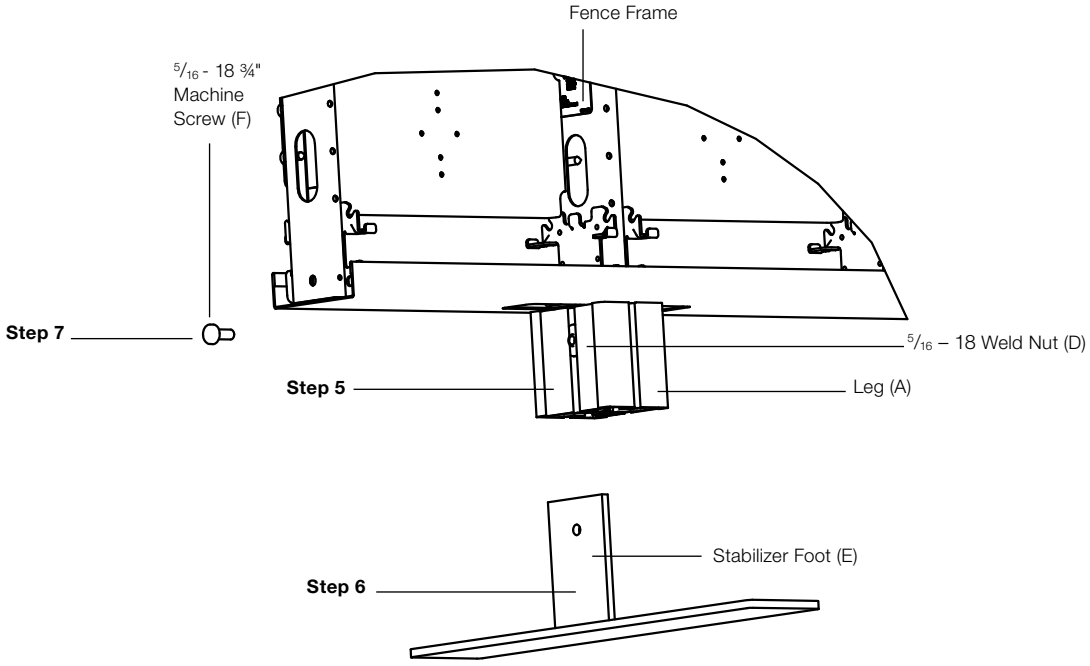
Fence-Antenna Leg & Stabilizer Foot, continued



Fence Frame with Leg and Stabilizer Foot



Exploded Fence Leg Assembly



Exploded Stabilizer Foot Assembly

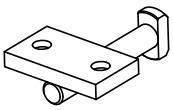
Desk Supported by 25"H or 28 ½"H Fence

Pattern Numbers Represented:
Fence Desk Support Adapters, **YBAFE**_
Legs for Desks or Returns (Desk Height), **YEL**__
Starter Rails with End Caps, **YBRS**_

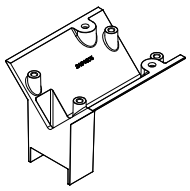
Parts List:
Fence to Plate Weldments (A)
Fence End Support Cradle (B) for 25"H Fence (or)
Desk to Pedestal Cradle (C) for 28"H Fence
Horizontal Rail Cradle (D)
Cradle Clamp Bracket (E)
Spacer (F)
#12 X ¾" Black Wood Screw (G)
¼-20 x 1" Machine Screw (H)
¼-20 x 5/8" Machine Screw (I)
#14 x 1" FH Wood Screw (J)
1 1/8" Rail Extension (K)
Fence Frame, Covers & Crown Top Caps
Desk End Leg
Starter Rails
End Caps
Desk Top

Tools Needed:
Drill
Phillips #2 and #3 bits
Install Gauge
Rubber Mallet

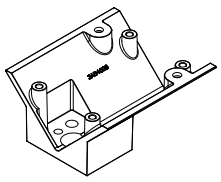
(A) 3AB403040



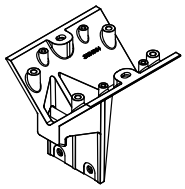
(B) 3AB4005*



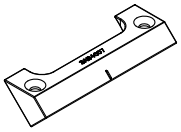
(C) 3AB4026*



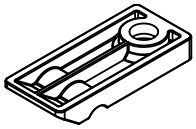
(D) 3AB4004*



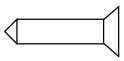
(E) 3AB4007*



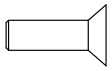
(F) 3AB401252



(G) 7196440



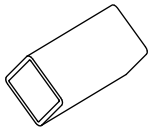
(H) 7194140



(I) 7189140

(J) 7434100

(K) 3AB100641*



STEPS

1. Install Fence frames, covers and top caps, as required.
2. Attach (2) horizontal rail cradles (D) to the end leg, using (2) ¼-20 x 1" machine screws (H) per cradle (D).
3. Install (2) end caps into the ends of the starter rails attached to the leg using a rubber mallet.

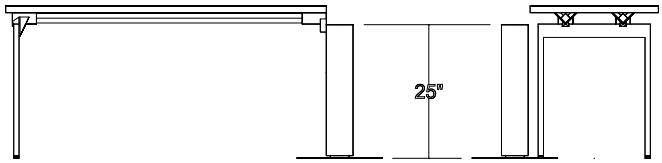
   NOTE: This should complete the rail/ leg assembly for the desk end opposite the fence attachment.
4. Attach the starter rails to the cradles in the end leg by first fastening (2) cradle clamp brackets (E) loosely to each cradle using (4) ¼-20 x 5/8" machine screws (I).
5. Slide one end of each starter rail into a cradle/clamp assembly with rail paint holes facing up and toward the center of the desk assembly. If glass tops are being used, holes are to face down and toward the center of the table desk assembly.

   NOTE: Starter rails are typically 3" shorter than top width. i.e.: 72" wide tops use 69" wide rails.
6. Position the outer edge of each cradle (A) 4" from the end of the rail. Use gauge to properly position the leg. See Install Gauge Guidelines. Tighten the screws (I) in the cradle clamp brackets (E).
7. Attach (1) Fence end support cradle (B or C) to each Fence to plate weldment (A) using (2) #14 x 1" FH wood screws (J) per weldment.
8. Determine the approximate position of the desk along the width of the Fence. Insert (2) Fence cradle/weldment assemblies (created in Step 7) into the T-slot under the Fence crown, rotating them so the holes in the weldment plate are facing up.

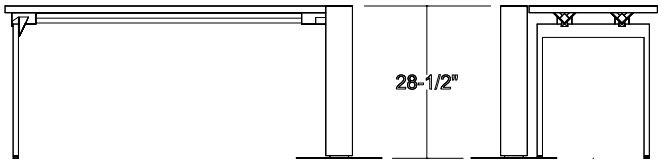
   The distance between these assemblies along the Fence wall can be calculated by matching the distance between the cradles attached to the end leg. The starting point of these assemblies should take into account the assumed rail overhang dimension & position of the top to be installed in Step 12
9. Locate (2) 1 1/8" rail extensions (K), and insert (1) end cap into each.
10. Place (1) rail extension/end cap assembly into each of the cradle/weldment assemblies attached to the Fence.

    NOTE: The end cap should protrude on the Fence side by approx. 1/16". Use the Installation Gauge to ensure correct placement.
11. Place the free rail ends of the previously assembled leg/rail assembly into the Fence cradle/weldment assemblies (next to the rail extension/end cap assemblies).
12. Attach the starter rails to the cradle/ weldment assemblies (with extensions) by first fastening (2) cradle clamp brackets (E) loosely to each cradle (B) using (4) ¼-20 x 5/8" machine screws (I).
13. Slide the end of each starter rail into the cradle/clamp assembly. Tighten the screws (I) in the cradle clamp brackets (E)
14. If applicable, add suspended storage units at this time. (See suspended storage installation instructions.
15. Surfaces 48" wide and greater require a spacer (F) for additional support. When necessary, a spacer (F) should be placed between the top of each rail and the underside of the return top, centered on the width of the return top. Spacers (F) are attached to the return top using (1) #12 X ¾" black wood screw (G) per spacer.
16. Lay desk top on base assembly. Use gauge to properly position top. See Install Gauge Guidelines. Attach top using (2) #14 x 1" FH wood screws (J) per cradle into pre-drilled holes in the underside of the return top.
17. Adjust glides as needed to level the assembly.

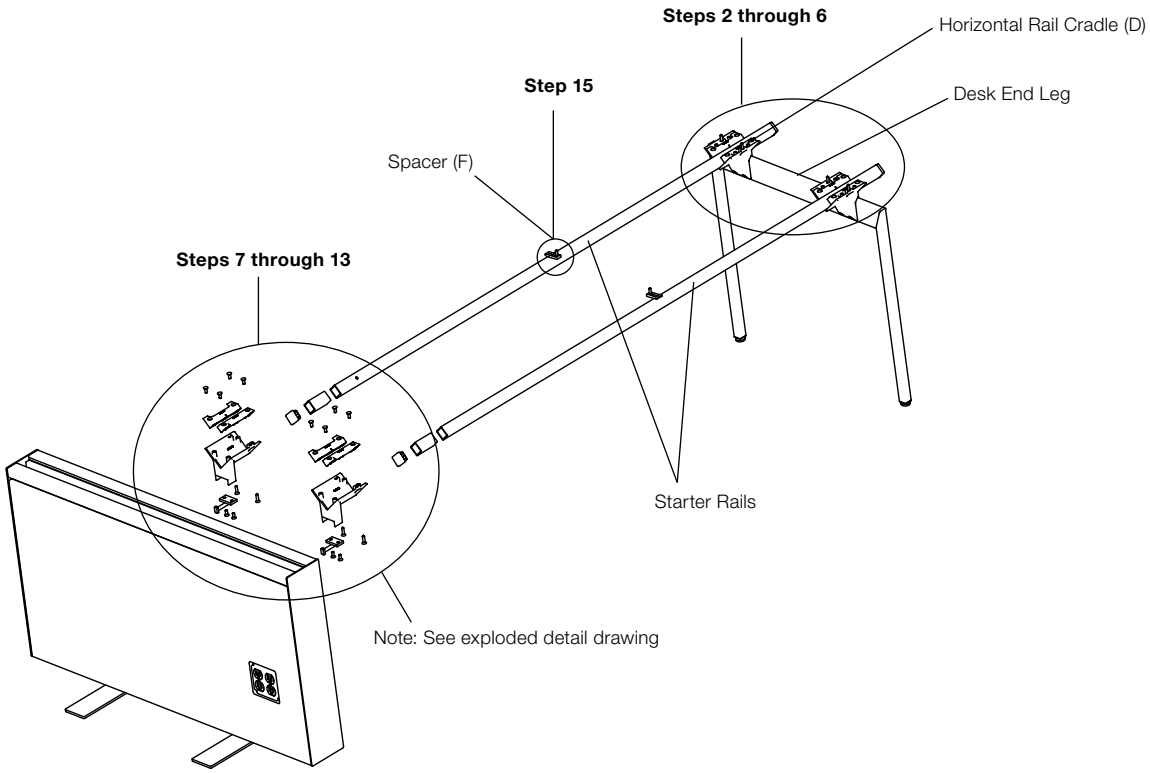
Desk Supported by 25"H or 28 ½"H Fence, continued



25'H Fence Elevations

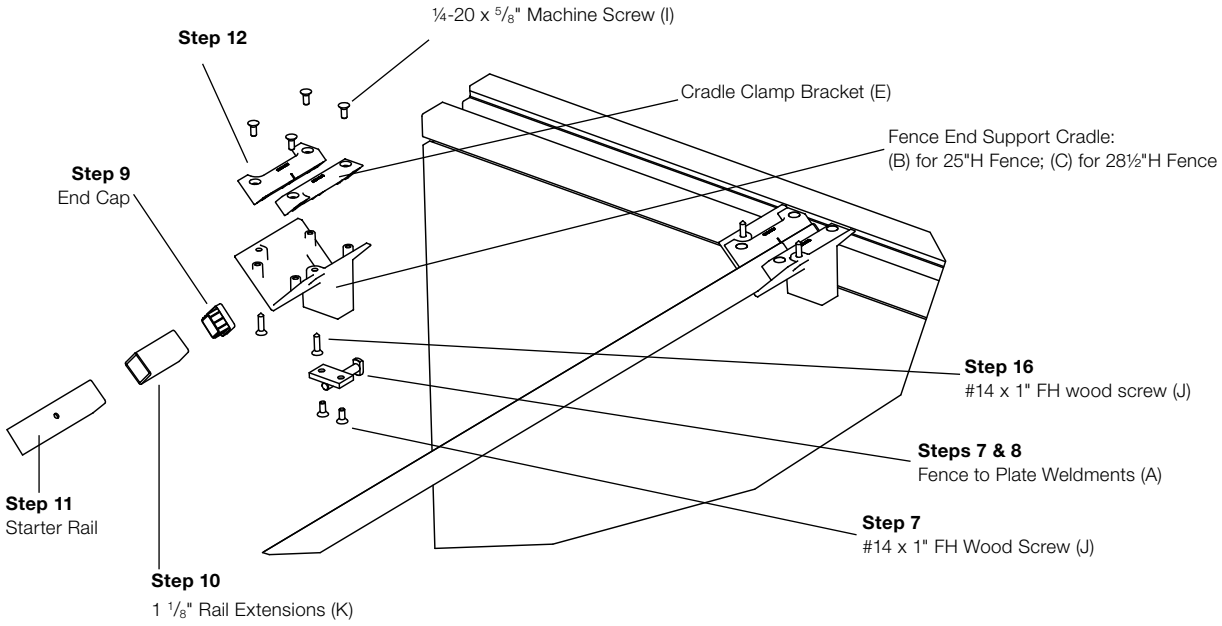


28½"H Fence Elevations

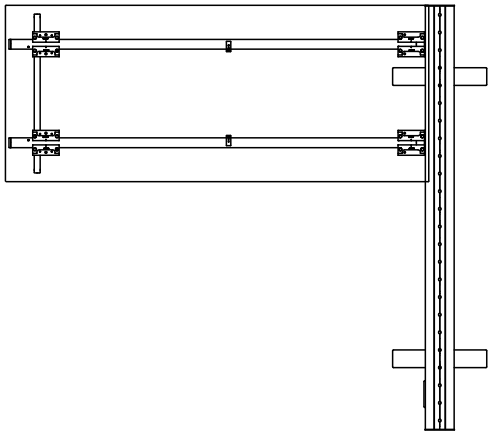


Partially Exploded Desk Supported by Fence (25"H Fence Shown)

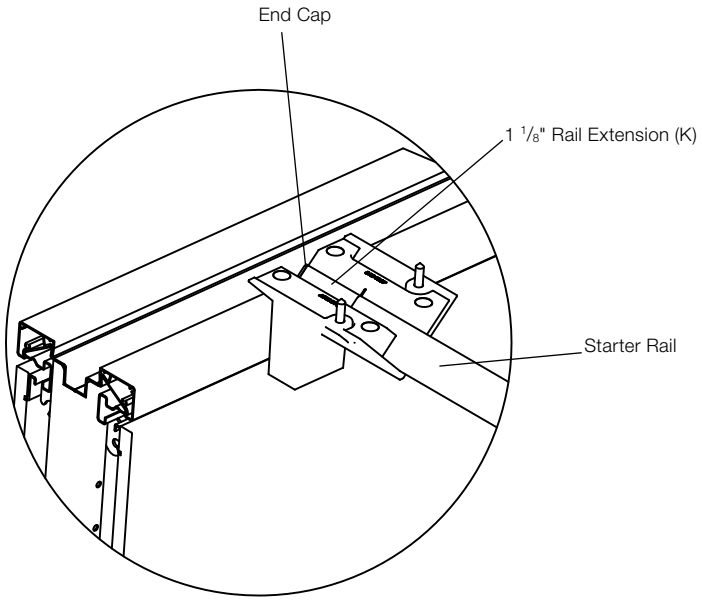
Desk Supported by 25"H or 28 ½"H Fence, continued



Exploded Desk Rail Connection to Fence Detail (25"H Fence Shown)



Desk Supported by Fence Plan View



Fence End Support Cradle/Rail Attachment Detail (25"H Fence Shown)

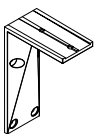
Modesty Panels for Desks

Pattern Numbers Represented:
Modesty Panels for Desks or Returns, **YMP**___

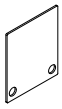
Part List:
Modesty Panel Mounting Bracket (A)
Mounting Bracket Cover (B)
Spacer Bracket (C)
¼-20 x 5/8 BLK Machine Screw (D)
#14 x 1" FH Wood Screw (E)
#14 x 1 ½" BLK Wood Screw (F)
Modesty Panel

Tools Needed:
Drill
Phillips #2 and #3 bits

A.) 3AB4178*

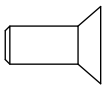


B.) 3AB4179*

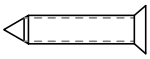


C.) 3AB4181*

D.) 7189140



E.) 7434100



F.) 7437100

STEPS:

NOTE: The following steps apply for partial height, full height, and flush or recessed modesty panels; with or without a cord passage.

1. Pair each modesty panel mounting bracket (A) to be installed with a mounting bracket cover (B).

   NOTE: Two to three modesty panel mounting brackets will need to be installed depending on the overall length of the modesty panel. The quantity required will be evident by the sets of pre-drilled holes in the top of the modesty panel. The appropriate number of brackets will ship with the modesty panel.

2. For each modesty panel mounting bracket, position the mounting bracket cover so that the two holes in the bottom of the bracket cover (B) align with the two holes in the top of the modesty panel mounting bracket (A).

   NOTE: The cover should hide the top of the bracket, not the bottom of the bracket.

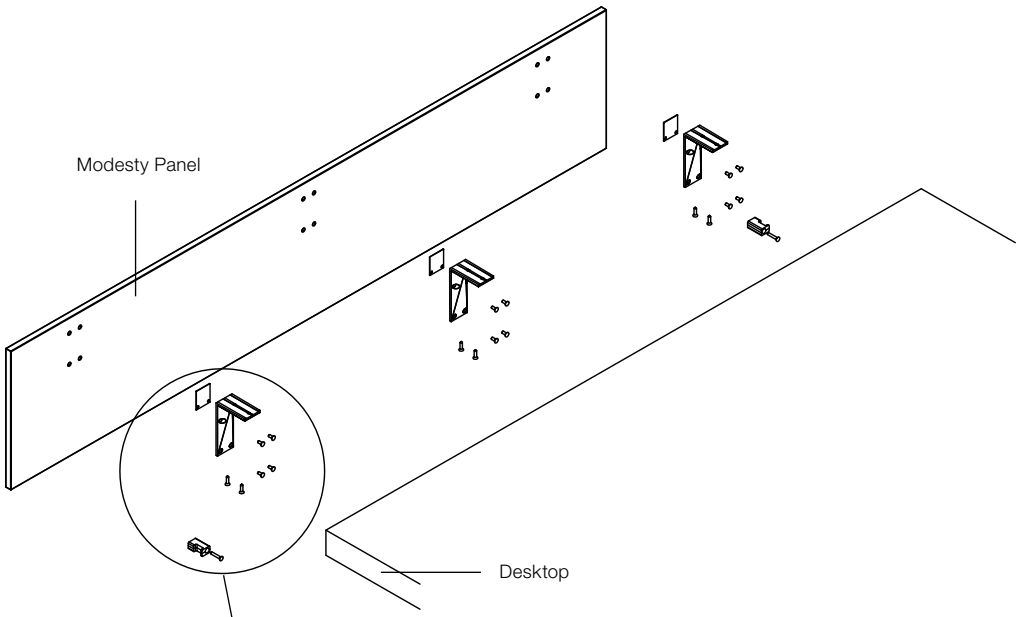
3. Use (4) ¼-20 x 5/8 BLK machine screws (D) to fasten each bracket pairing (2-3 pairs) to the hole sets in the modesty panel.

4. Attach modesty panel mounting brackets (A) to underside of top using (2) #14 x 1" FH wood screws (E) per bracket.

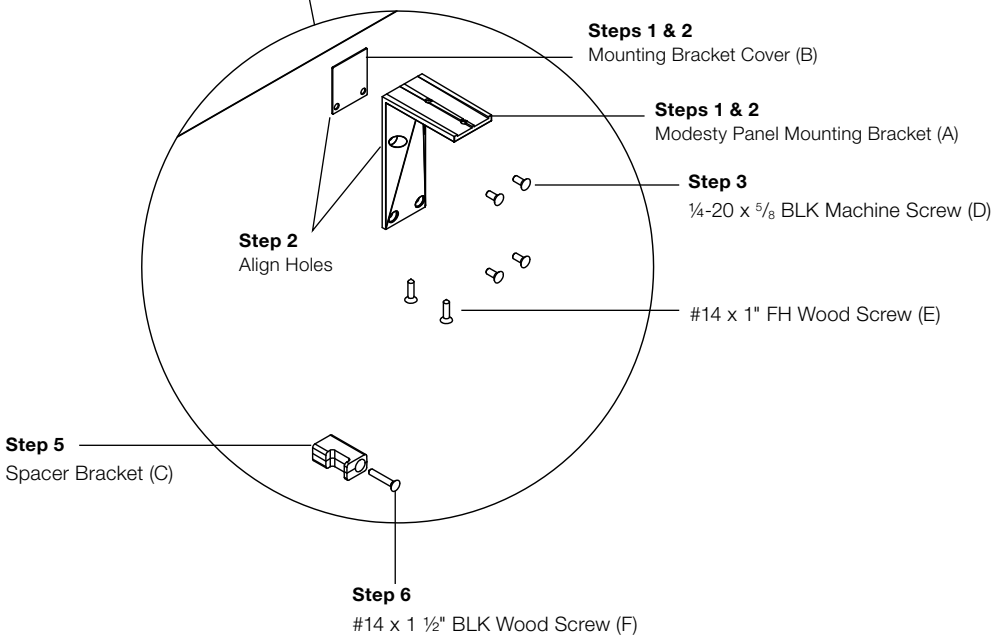
5. Position a spacer bracket (C) on the **inside** of each back leg, 12" from the top of the leg, so that the wide portion of the spacer fits between the inside of the modesty panel and the back edge of the end leg.

6. Attach the spacer brackets to the modesty panel using (1) #14 x 1 ½" BLK wood screw (F) per spacer.

Modesty Panels for Desks, continued

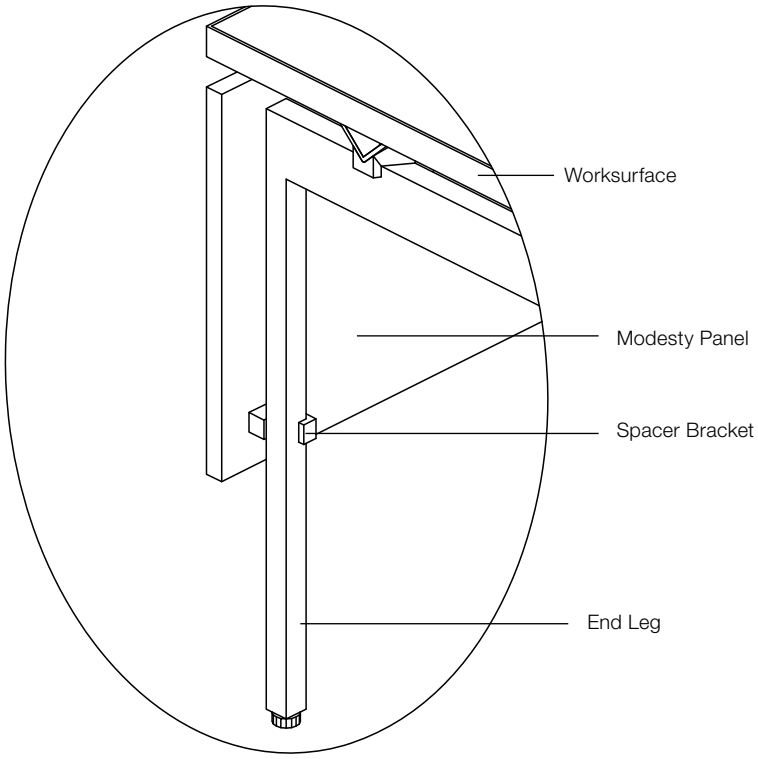


Exploded Modesty Panel Assembly

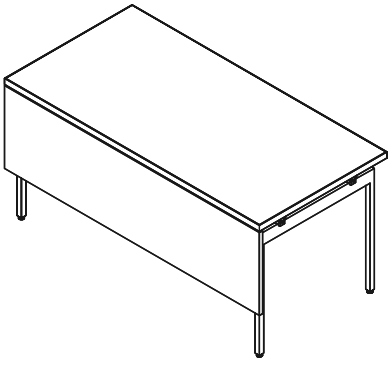


Exploded Modesty Panel Bracketry Detail

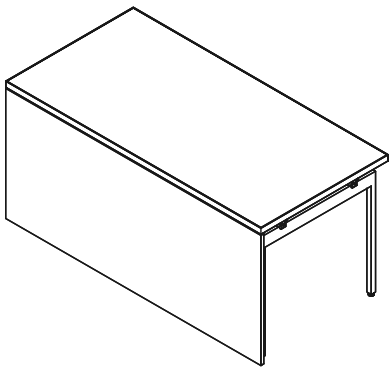
Modesty Panels for Desks, continued



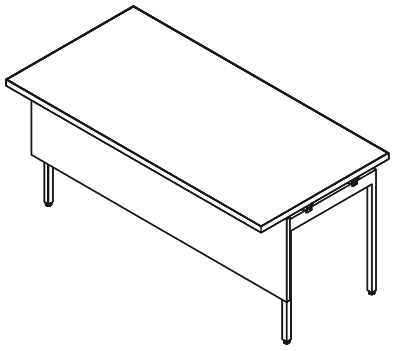
Modesty Panel Spacer Bracket Connection to End Leg Detail



Desk with Partial Height Modesty Panel



Desk with Full Height Modesty Panel



Desk with Recessed Partial Height Modesty Panel

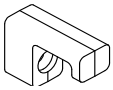
End Panels for Desks, Returns, or Back-to-Back Desks

Pattern Numbers Represented:
End Panel, **YEP**___

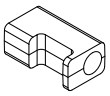
Parts List:
End Panel Mounting Bracket (A)
Spacer Bracket (B)
¼ - 20 x 1" Machine Screw (C)
#14 x 1 ½" BLK Wood Screw (D)
End Panel

Tools Needed:
Drill
Phillips #2 and #3 bits

(A) 3AB4180*

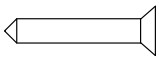


(B) 3AB4181*



(C) 7194140

(D) 7437100



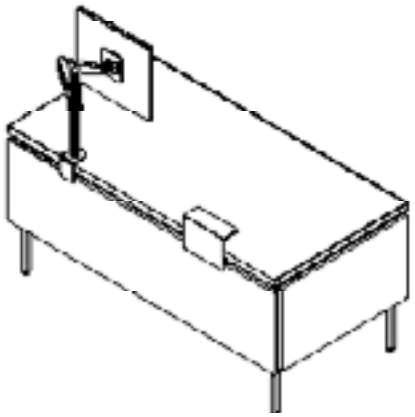
STEPS

Note: The following steps apply for partial height, full height; with or without a cord passage; and for use with or without a modesty panel.

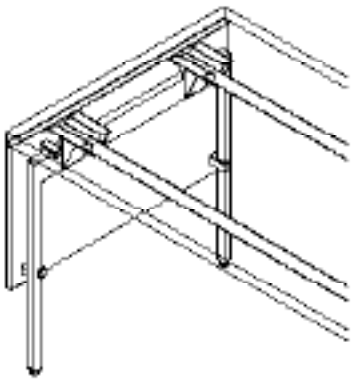
1. Hook (2) end panel mounting brackets (A) on the top of the desk end leg, (1) outside each rail cradle. The wide portion of the brackets should be on the outside of the leg.

Note: For back–to-back desks, position (4) end panel hanger brackets, (2) per end leg.

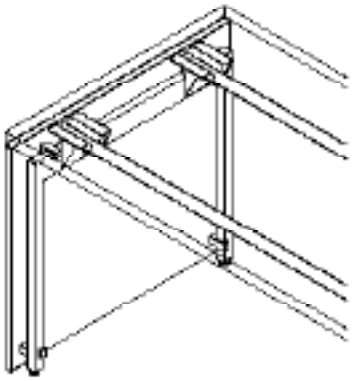
2. Position the end panel alongside the end leg, align the mounting brackets (A) with the pre-drilled holes in the top of the end panel, and attach the end panel to the mounting brackets (A) using (1) ¼ - 20 x 1" machine screw (C) per bracket.
3. Position a spacer bracket (B) on the inside of each leg, 2" from the bottom of the end panel, so that the wide portion of the spacer fits between the inside o–f the end panel and the outside edge of the end leg.
4. Attach the spacer brackets to the end panel using (1) #14 x 1 ½" BLK wood screw (D) per spacer.



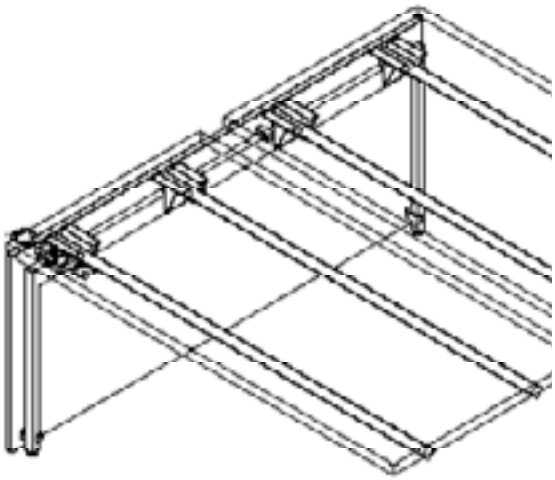
Desk with Partial Height End and Modesty Panel with Cord Passage



Desk with Partial Height End Panel Showing Bracket and Spacer Connection to End Leg

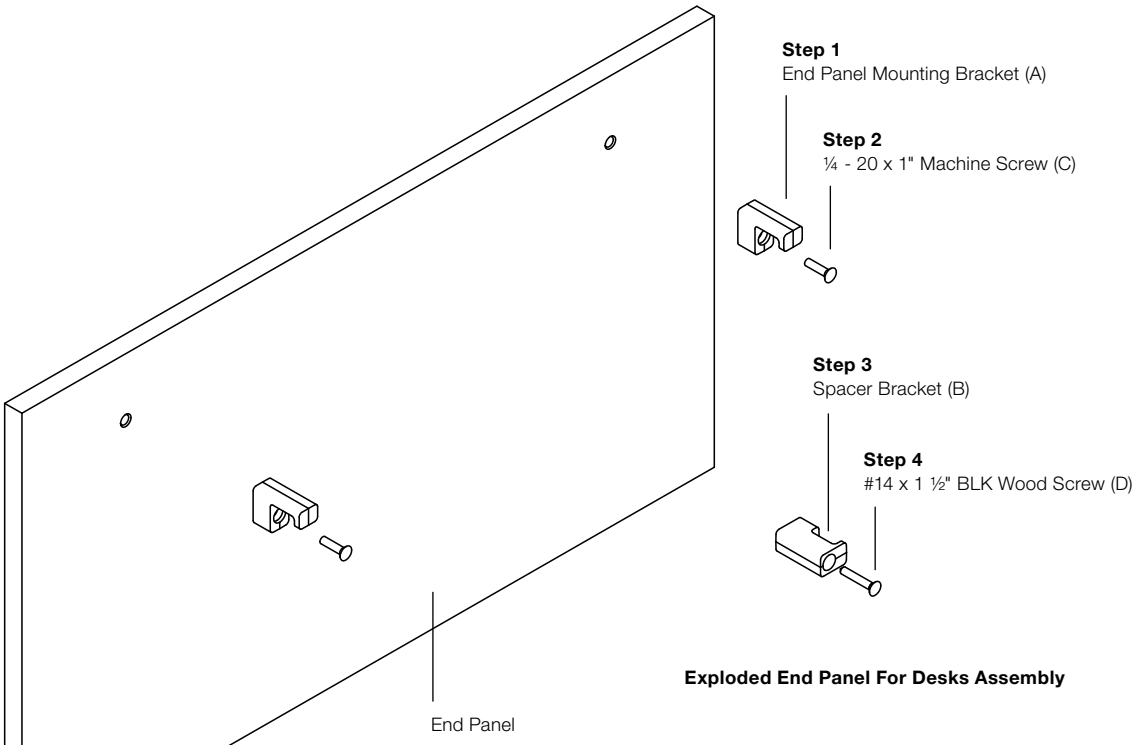


Desk with Full Height End Panel Showing Bracket and Spacer Connection to End Leg

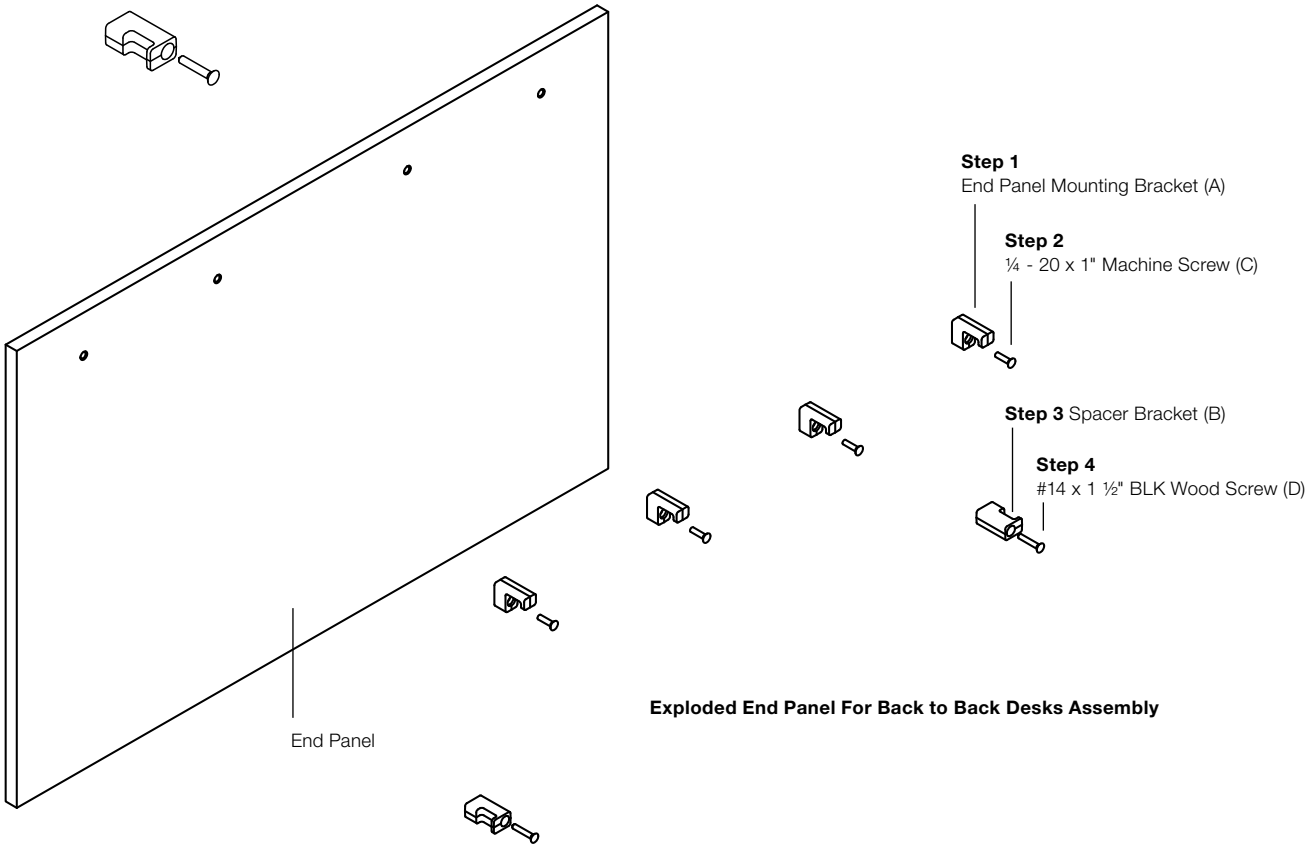


Back-to-Back Desk with Full Height End Panel

End Panels for Desks, Returns, or Back-to-Back Desks, continued



Exploded End Panel For Desks Assembly



Exploded End Panel For Back to Back Desks Assembly

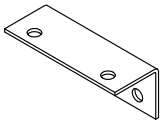
End Panels for Single Sided and Double Sided Big Tables

Pattern Numbers Represented:
YEP28_
YEPSSF28__

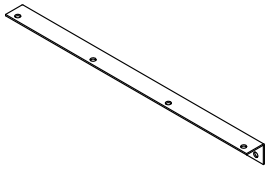
Parts List:
End Panel Bracket, Small (A)
End Panel Bracket, Large (B)
Spacer Bracket (C)
¼ - 20 x 5/8" Machine Screw, Black (D)
¼ - 14 x .875" Machine Screw, Black (E)
#14 x 2" BLK Wood Screw (F)
End Panel

Tools Needed:
Drill
Phillips #2 and #3 bits

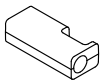
(A) 3AB4209*



(B) 3AB4189*



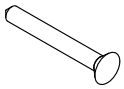
(C) 3AB4191*



(D) 7207340

(E) 4A214020140

(F) 7441100



STEPS

1. For each end panel note the drillings near the top of the panel:

   End panels for 18" dual sided big tables will have (2) sets of drillings with 2 holes in each set. All other width end panels for dual sided big tables will have (2) sets of drillings with 4 holes in each set.

   End panels for single sided big tables will have a 2-hole drilling set and a 4-hole drilling set.

2. Attach the appropriate small or large end panel bracket (A or B) to each drilling set on the end panel, using either (2) or (4) ¼-20 x 5/8" machine screws (D).

   Note: The number of screws needed depends on the size of the bracket (A or B). Each hole in the bracket must be utilized.

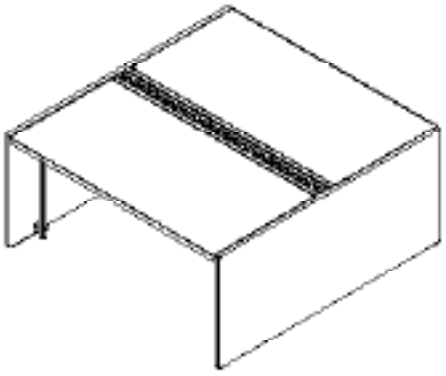
3. Position the end panel alongside the big table, align with the worksurfaces, and attach the end panel brackets (A or B) to the underside of the worksurfaces using (2) or (4) ¼ -14 x .875" machine screws (E) per bracket.

   Note: The number of screws needed depends on the size of the bracket (A or B). Each hole in the bracket must be utilized.

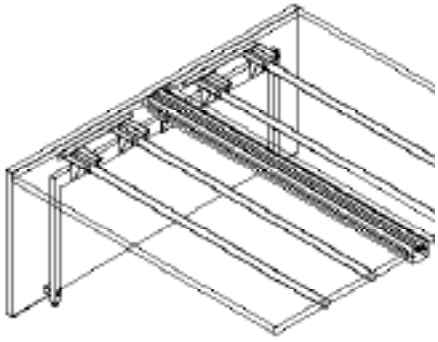
4. Position a spacer bracket (C) on the inside of each leg, 2" from the bottom of the end panel, so that the wide portion of the spacer fits between the inside of the end panel and the outside edge of the end leg.

5. Attach the spacer brackets to the end panel using (1) #14 x 2" BLK wood screw (F) per spacer.

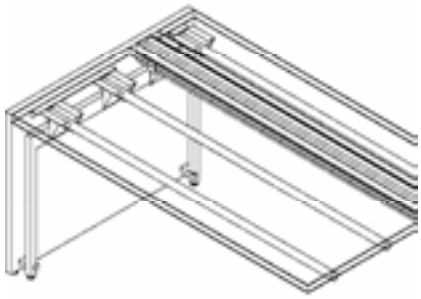
6. Adjust glides in end panel as necessary.



Dual Sided Big Table with End Panels

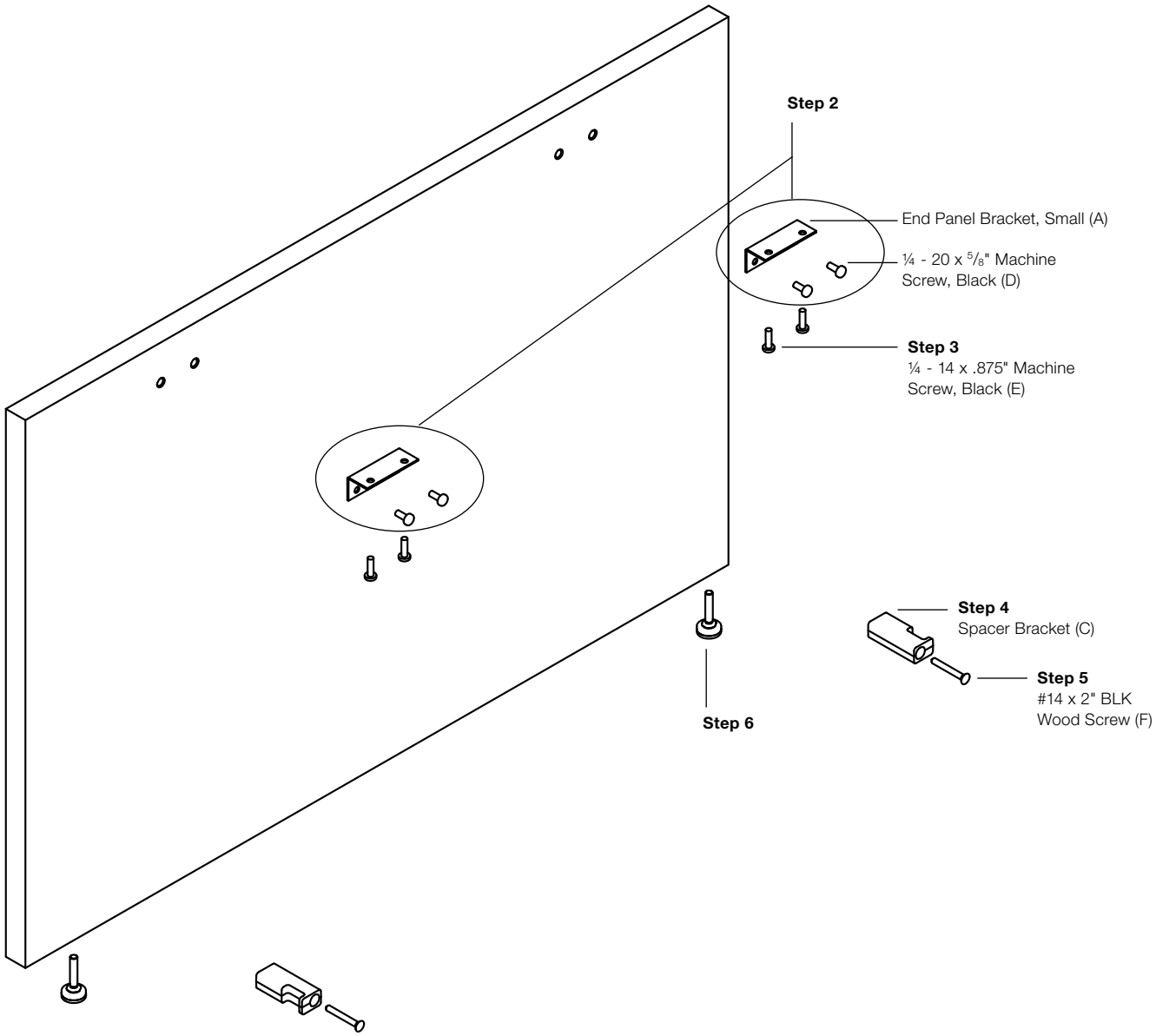


Dual Sided Big Table with End Panels Detail



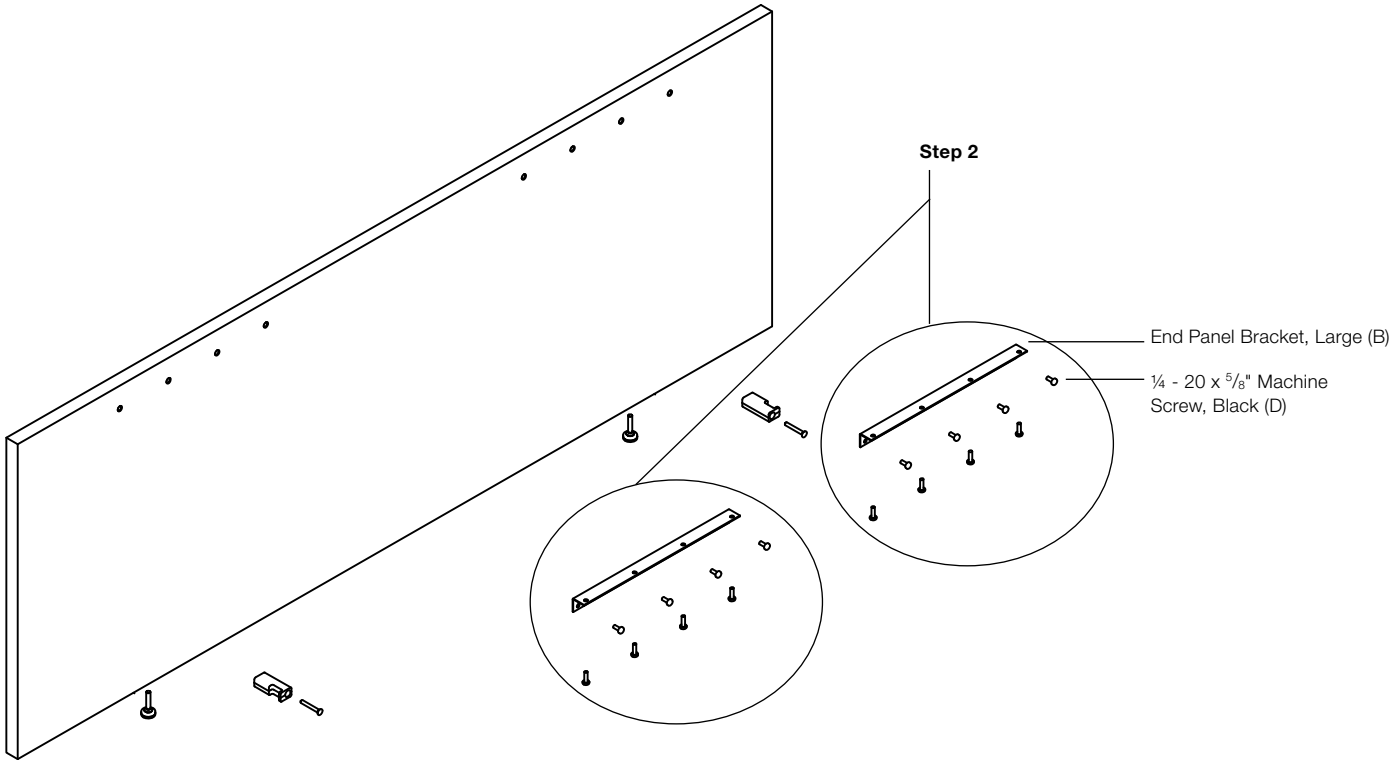
Single Sided Big Table with End Panels Detail

End Panels for Single Sided and Double Sided Big Tables, continued

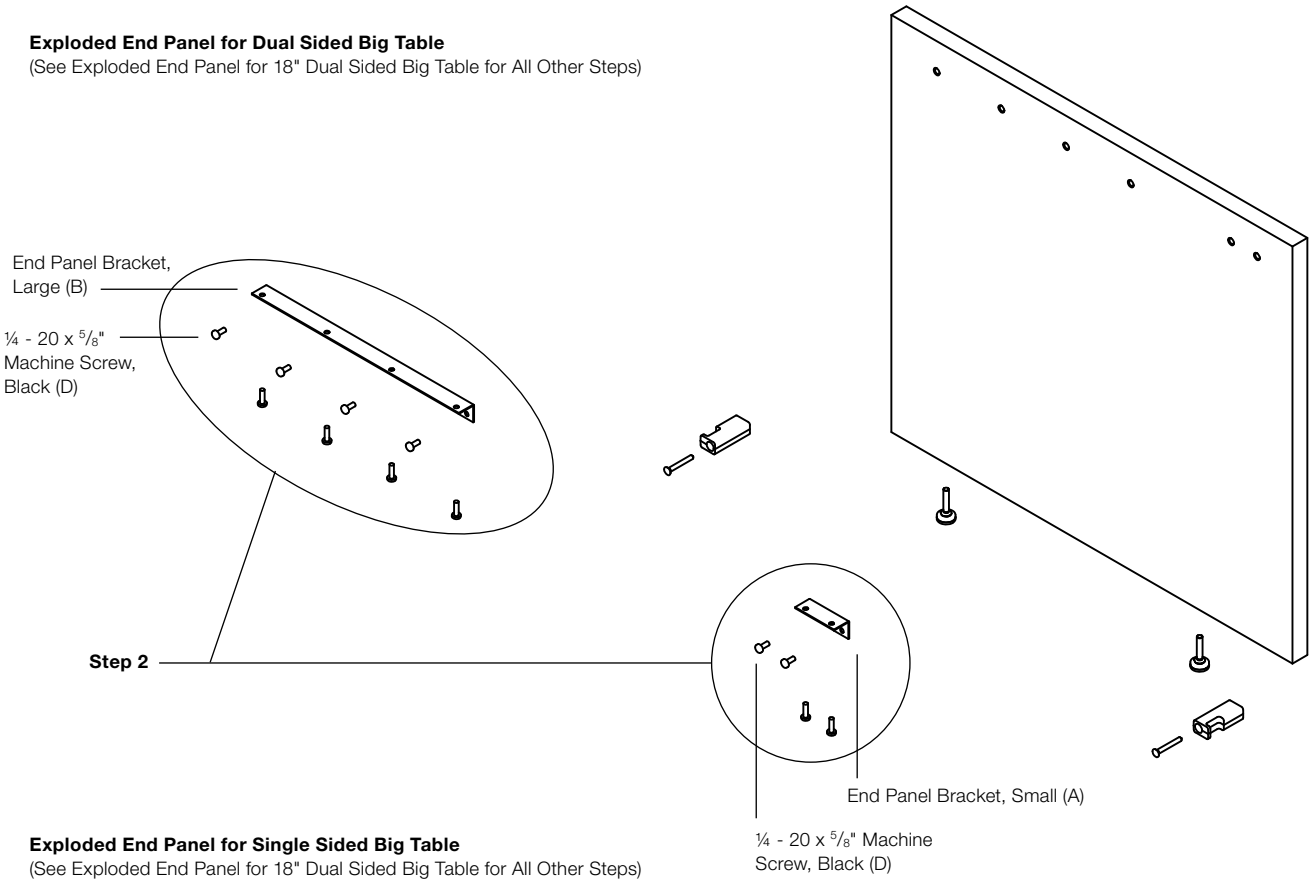


Exploded End Panel for 18" Dual Sided Big Table

End Panels for Single Sided and Double Sided Big Tables, continued



Exploded End Panel for Dual Sided Big Table
(See Exploded End Panel for 18" Dual Sided Big Table for All Other Steps)



Exploded End Panel for Single Sided Big Table
(See Exploded End Panel for 18" Dual Sided Big Table for All Other Steps)

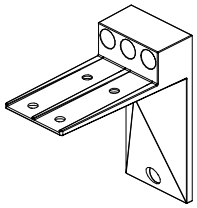
Desk Screens

Pattern Numbers Represented:
Screens for Desks, **YPSB**___

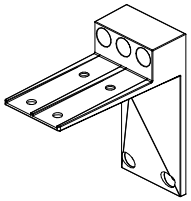
Part List:
Screen Mounting Bracket for Fabric Screen (A)
Screen Mounting Bracket for Wood Screen (B)
¼-20 x 5/8" Machine Screw (C)
#14 x 1.125" Blunt Tip Screw (D)
¼-20 x 1" Machine Screw (E)
Desk Screen

Tools Needed:
Drill
Phillips #2 and #3 bits
9/64" Drill Bit

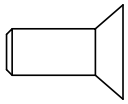
(A) 3AB4483



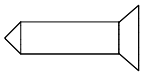
(B) 3AB4484



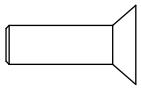
(C) 7189140



(D) 7434100

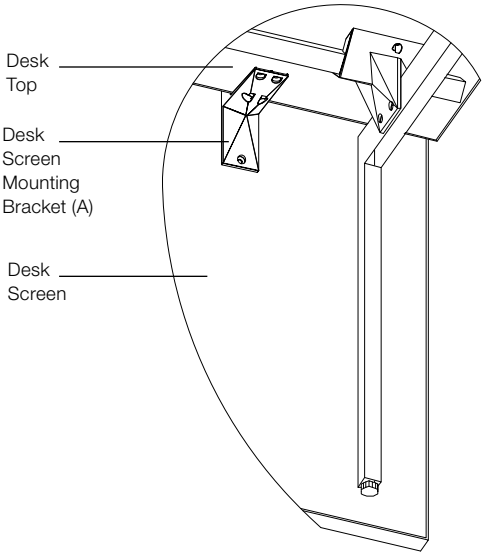


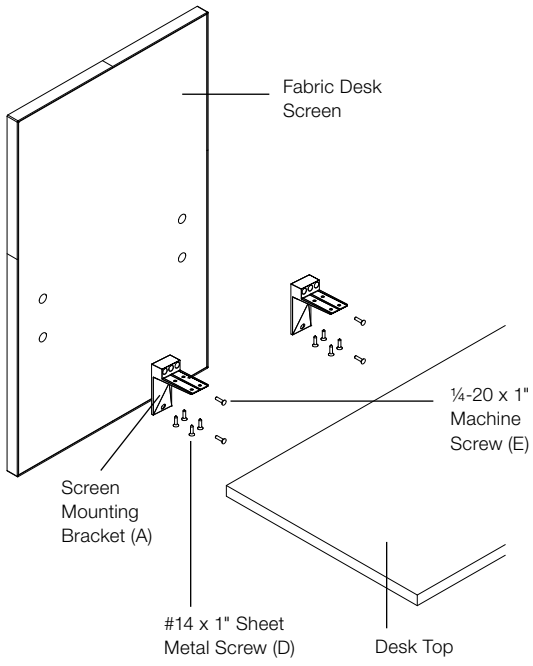
(E) 7194100



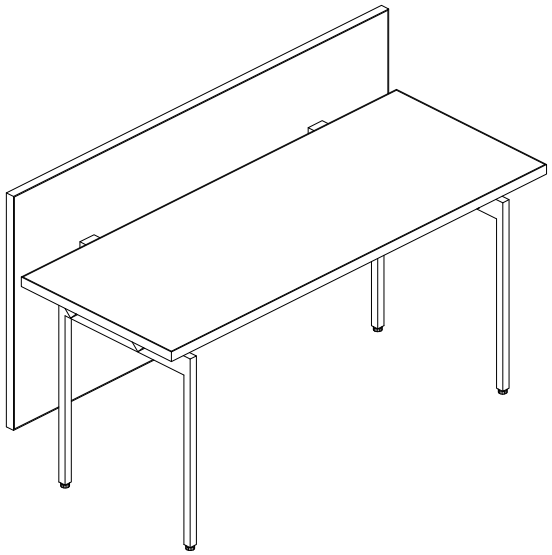
STEPS:

1. Attach (2) screen mounting brackets (A) to fabric desk screen.
   - For laminate, markerboard and veneer desk screens, position the mounting brackets (B) to align with the pre-drilled holes in the screen, and attach using (4) ¼-20 x 5/8" machine screws (C) per bracket.
   - For fabric screens, position the mounting brackets to align with the indentations provided in the screen, and attach using (2) ¼-20 x 1" machine screws (E) per bracket.
2. Using a 9/64" bit, drill .75" deep pilot holes in underside of top for (4) #14 x 1.00 Sheet Metal Screws (D) per bracket.
3. Attach screen mounting brackets (A) to underside of top using (4) #14 x 1.00" Sheet Metal Screws (D) per bracket.





Fabric Desk Screen Mounting Bracket Exploded Detail



Full Width Fabric Desk Screen

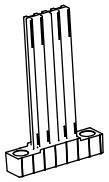
Big Table Fabric Screens

Pattern Numbers Represented:
Fabric Screens for Big Table Center Beam, **YPSC__F**

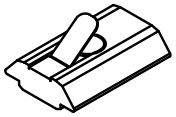
Parts List:
Bayonet Mount Bracket (A)
Spring Nut (B)
M6 X 25mm Machine Screw (C)
Screen

Tools Needed:
Drill
Phillips #2 and #3 bits

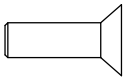
(A) 3AB408200



(B) 3AB402196



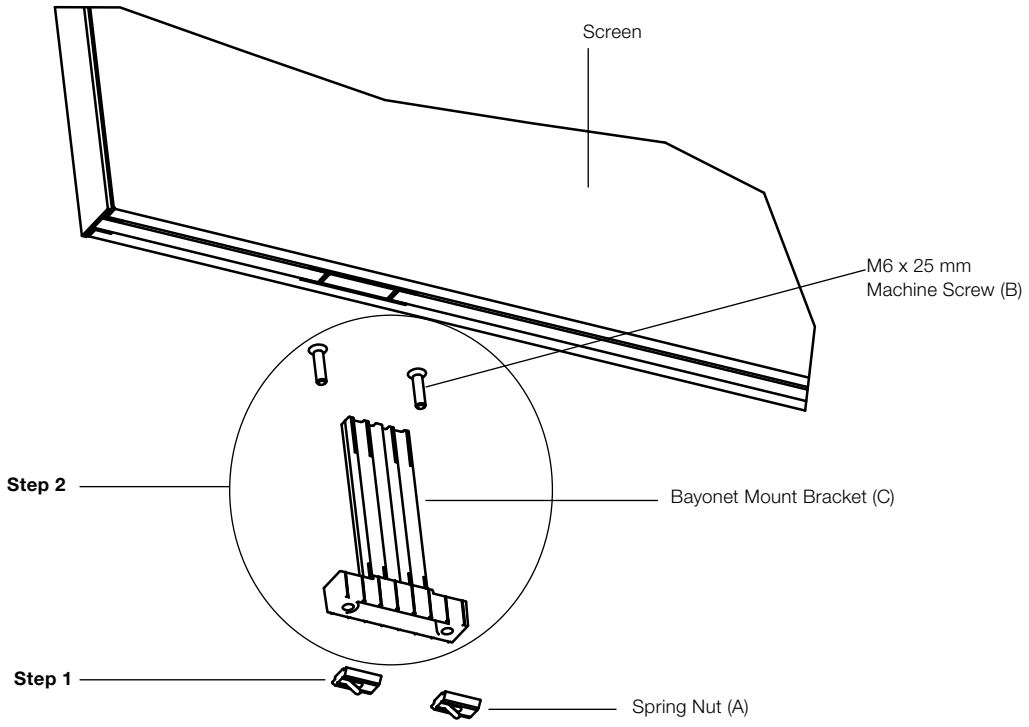
(C) 3AB405540



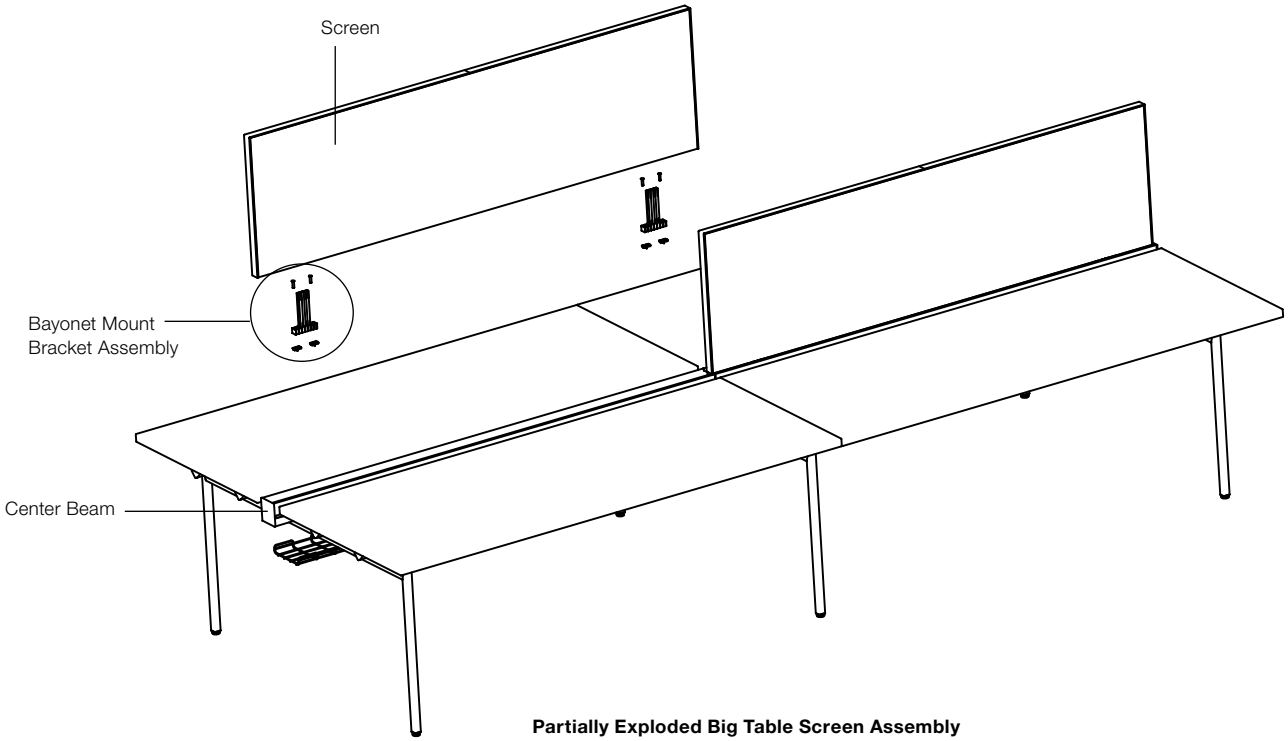
STEPS:

1. Insert (4) spring nuts (B) into the top slot in the center beam (i.e. (2) per bayonet mount bracket).
2. Attach (2) bayonet mount brackets (A) loosely to the spring nuts (B), using (2) M6 X 25mm machine screws (C) per bracket. Do not tighten.
3. Determine the desired screen position along the width of the table, and adjust/slide the location of the bayonet mount brackets (A) along the center beam so they will correspond with the openings on the underside of the screen.
4. Tighten the screws (C) in the bayonet mount brackets (A) to secure their locations.
5. Position the openings in the underside of the screen over the bayonet mount brackets (A) and push the screen down until the screen is firmly seated.

Big Table Screens



Bayonet Mount Bracket Assembly Detail



Partially Exploded Big Table Screen Assembly

Markerboard, Glass, Laminate or Veneer Big Table Screens

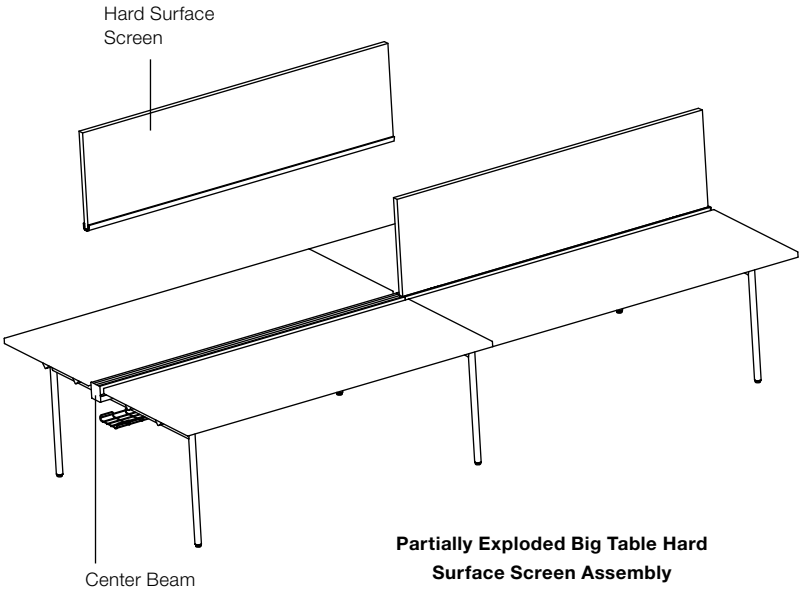
Pattern Numbers Represented:
Screens for Big Table Center Beam, **YPSC**___

Parts List:
Screen Panel
Big Table Assembly

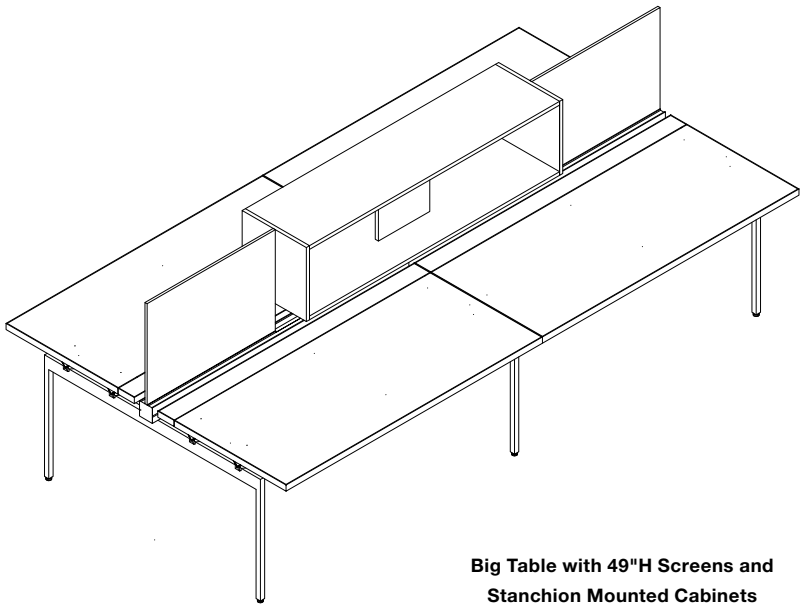
Tools Needed:
Rubber Mallet
Level

STEPS

1. Complete big table assembly, as required. (See Big Table installation section.)
2. Orient each screen so the aluminum extrusion bracket is at the bottom, and pressure fit into the top slot in the center beam.
3. If required, use a rubber mallet to lightly tap each screen into the slot, assuring that each screen is level, firmly seated, and aligned with adjacent screens and/or cabinets.



Partially Exploded Big Table Hard Surface Screen Assembly



Big Table with 49"H Screens and Stanchion Mounted Cabinets

Fabric Intermediate Screens- Full Depth for Use with Tops without Hinged Access

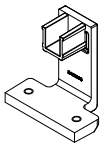
Pattern Numbers Represented:
Fabric Intermediate Screens, **YPSI__F**

Parts List:
Bayonet Mount Bracket (A)
Upholstered Intermediate Screen Rail Clamp (B)
$^{5}/_{16}$-18 x ¾" Machine Screw (C)
¼ - 20 x $^{3}/_{8}$" Black Oxide Machine Screw (D)
Screen Bottom Extrusion
Screen

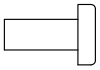
Tools Needed:
Drill
Phillips #2 and #3 bits

(A) 3AB408200

(B) 3AB1206*



(C) 7060440

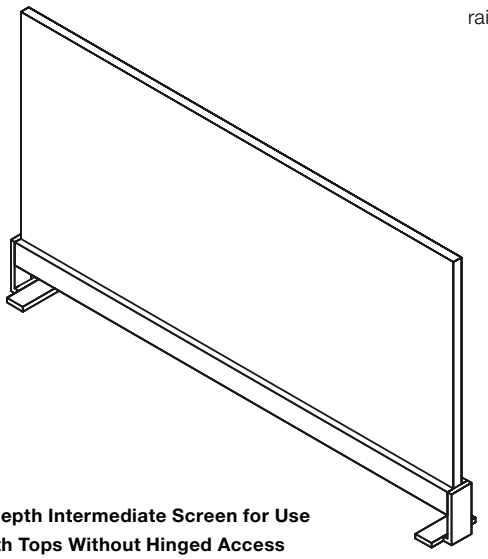


(D) 7019440

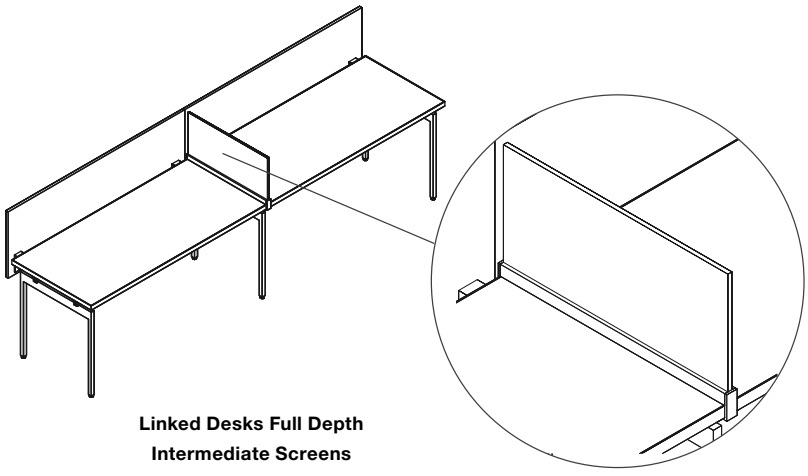
STEPS

1. Insert (2) bayonet mount brackets (A) into the top of the screen bottom extrusion so that the holes in the brackets align with the two sets of holes in the extrusion.
2. Insert (4) $^{5}/_{16}$-18 x ¾" machine screws (C) beneath the extrusion and firmly attach the (2) bayonet mount brackets (A) to the extrusion.
3. Determine the desired screen position along the width of the table, and position the screen extrusion on the worksurface accordingly.
4. Hook (1) upholstered intermediate screen rail clamp (B) behind the back edge of the worksurface so that the clamp's u-channel is above the worksurface and the two screw holes are below the worksurface. Slide one end of the bottom screen extrusion onto the u-channel portion to temporarily support the clamp.
5. Hook the second upholstered intermediate screen rail clamp (B) on to the front edge of the worksurface in a similar fashion, sliding the u-channel portion into the other end of the bottom screen extrusion.
6. Insert (2) ¼ - 20 x $^{3}/_{8}$" black oxide machine screws (D) into the holes under the back rail clamp (B). Hold the U-channel portion of the rail clamp (B) firmly against the side of the screen bottom extrusion and tighten the screws against the bottom of the worksurface.

   NOTE: The ¼ - 20 x $^{3}/_{8}$" black oxide machine screws (D) are to be treated as set screws and will create the tight connection between the screen bottom extrusion and the worksurface. The rail clamp (B) must be seated firmly within the side of the bottom extrusion, but **should not be pressed tight against the bottom of the worksurface**. A space will remain between the rail clamp and the bottom of the worksurface.
7. Repeat Step 6 with the second (front) rail clamp (B).
8. Position the openings in the underside of the screen over the bayonet mount brackets (A) and push the screen down until the screen is firmly seated.

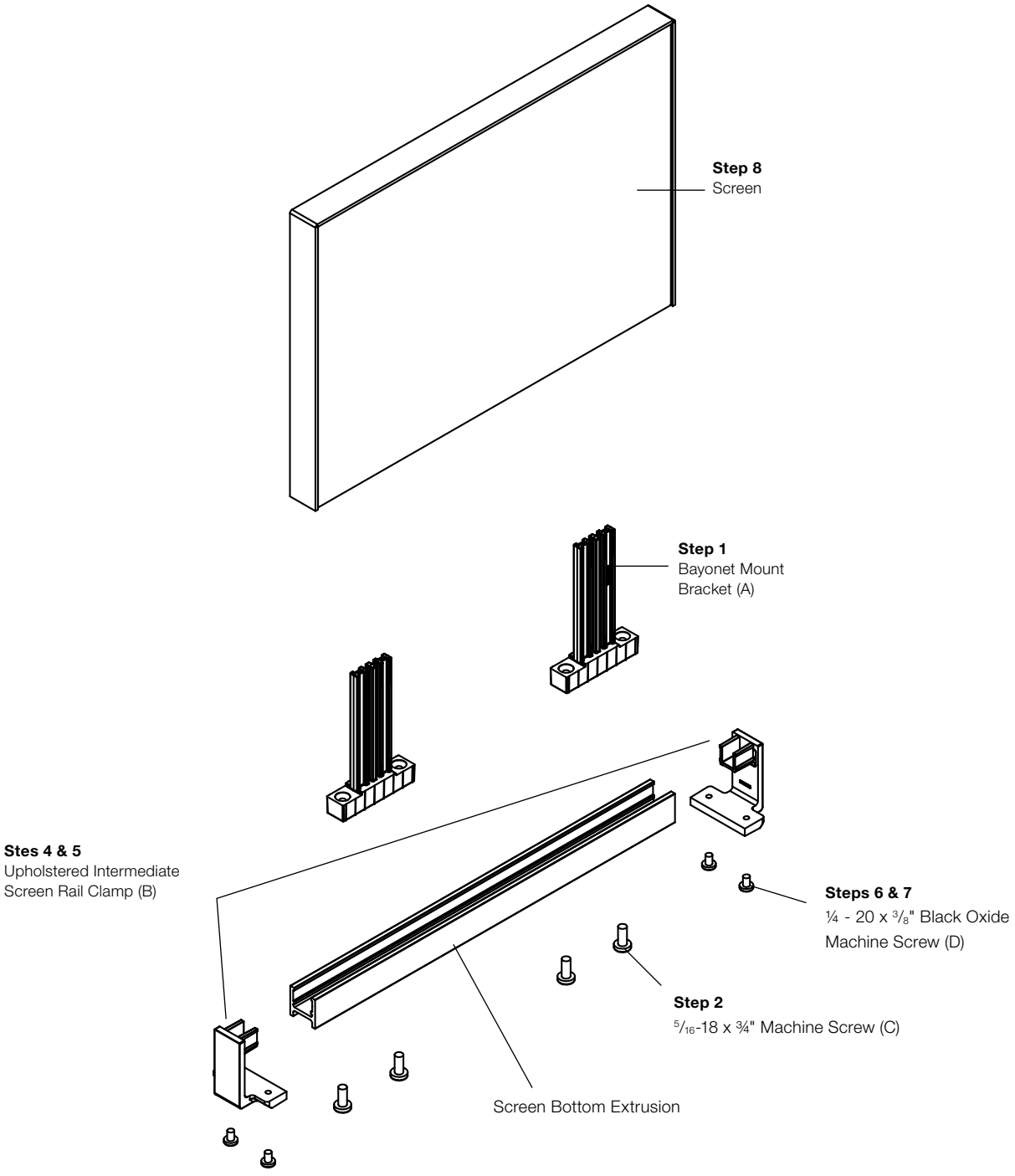


Full Depth Intermediate Screen for Use with Tops Without Hinged Access



Linked Desks Full Depth Intermediate Screens

Fabric Intermediate Screens- Full Depth for Use with Tops without Hinged Access, continued



Full Depth Fabric Intermediate Screen Assembly Detail

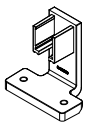
Hard Surface Intermediate Screens - Full Depth for Use with Tops without Hinged Access

Pattern Numbers Represented:
Intermediate Screens, **YPSI___**

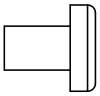
Parts List:
Non-Upholstered Intermediate Screen Rail Clamp (A)
¼ - 20 x 3/8" Black Oxide Machine Screw (B)
Screen

Tools Needed:
Drill
Phillips #2 and #3 bits

(A) 3AB1210*



(B) 7019440

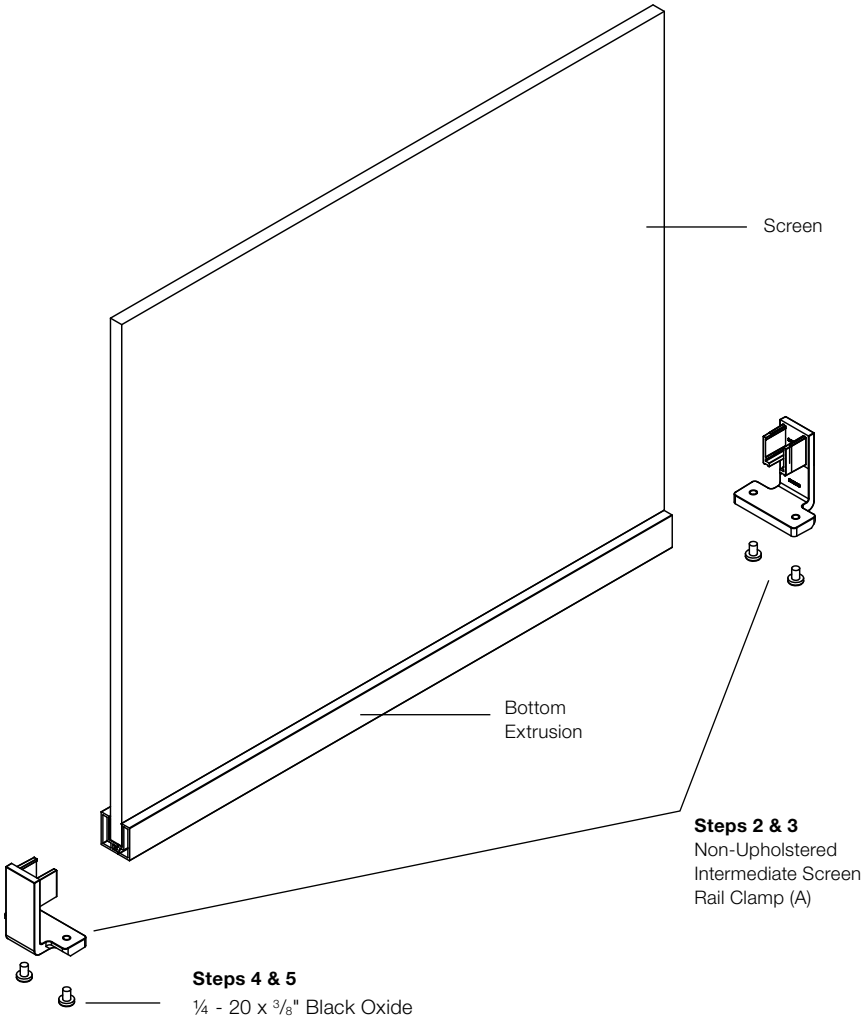


STEPS

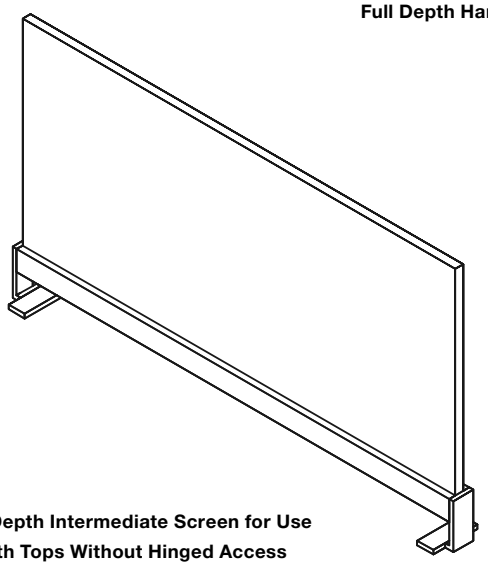
1. Determine the desired screen position along the width of the table, and position the screen on the worksurface accordingly.
2. Hook (1) non-upholstered intermediate screen rail clamp (A) behind the back edge of the worksurface so that the clamp's two "fins" are above the worksurface and the two screw holes are below the worksurface. Slide one end of the screen's bottom extrusion onto the "fins" to temporarily support the bracket.
3. Hook the second non-upholstered intermediate screen rail clamp (A) on to the front edge of the worksurface in a similar fashion, sliding the "fins" into the other end of the screen's bottom extrusion.
4. Insert (2) ¼ - 20 x 3/8" black oxide machine screws (B) into the holes under the back rail clamp (A). Hold the clamp's "fins" firmly against the side of the screen's bottom extrusion and tighten the screws against the bottom of the worksurface.

   NOTE: The ¼ - 20 x 3/8" black oxide machine screws (B) are to be treated as set screws and will create the tight connection between the screen's bottom extrusion and the worksurface. The rail clamp (A) must be seated firmly within the side of the bottom extrusion, but **should not be pressed tight against the bottom of the worksurface**. A space will remain between the rail clamp and the bottom of the worksurface.
5. Repeat Step 4 with the second (front) rail clamp (A).

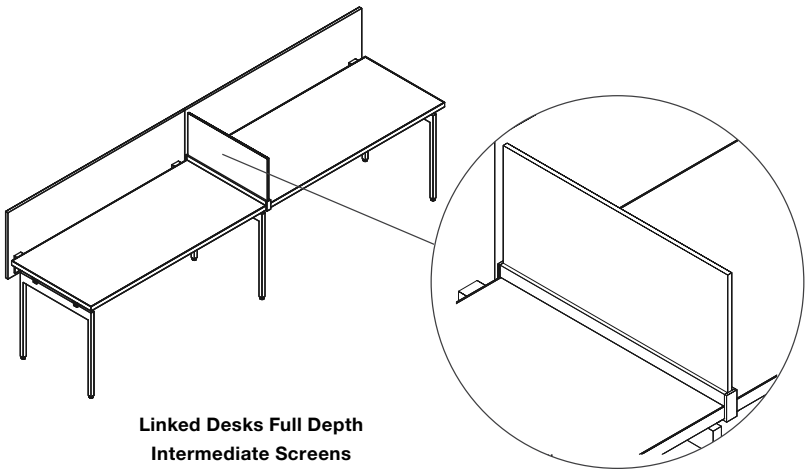
Hard Surface Intermediate Screens - Full Depth for Use with Tops without Hinged Access, continued



Full Depth Hard Surface Intermediate Screen Assembly Detail



Full Depth Intermediate Screen for Use with Tops Without Hinged Access



Linked Desks Full Depth Intermediate Screens

Fabric Intermediate Screens - Partial Depth for Use with Tops with Hinged Access

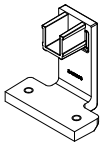
Pattern Numbers Represented:
Fabric Intermediate Screens, **YPSI__F**

Parts List:
Bayonet Mount Bracket (A)
Upholstered Intermediate Screen Rail Clamp (B)
Upholstered Intermediate Screen Rail End Cap (C)
$^{5}/_{16}$-18 x ¾" Machine Screw (D)
¼ - 20 x $^{3}/_{8}$" Black Oxide Machine Screw (E)
Non-Skid Pad (F)
¼ - 20 x $^{3}/_{8}$" Set Screw (G)
Screen Bottom Extrusion
Screen

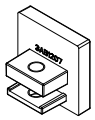
Tools Needed:
Drill
Phillips #2 and #3 bits
$^{1}/_{8}$" Allen Key

(A) 3AB408200

(B) 3AB1206*



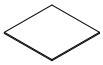
(C) 3AB1207*



(D) 7060440

(E) 7019440

(F) 3AB419700



(G) 4A2200740

STEPS

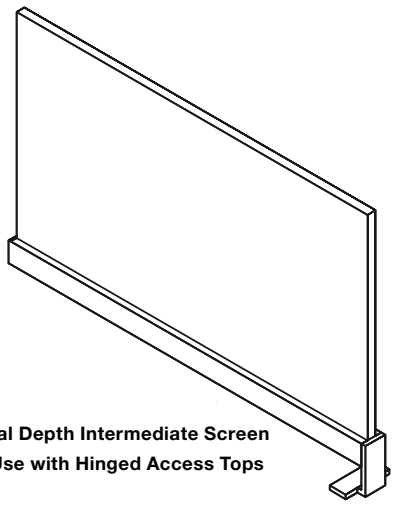
1. Insert (2) bayonet mount brackets (A) into the top of the screen bottom extrusion so that the holes in the brackets align with the two sets of holes in the extrusion.
2. Insert (4) $^{5}/_{16}$-18 x ¾" machine screws (D) beneath the extrusion and firmly attach the (2) bayonet mount brackets (A) to the extrusion.
3. Insert (1) upholstered intermediate screen rail end cap (C) into one end of the bottom screen extrusion.
4. Insert (1) hex head set screw (G) into the end cap (C) and secure it to the bottom screen extrusion.
5. Peel the protective paper from **one side** of the non-skid pad (F) to expose **one** of the adhesive sides.
6. Affix the non-skid pad (F) to the underside of the bottom screen extrusion close to the end cap (C) that has just been attached.

NOTE: DO NOT REMOVE THE OTHER SIDE OF THE PROTECTIVE PAPER AT THIS POINT.

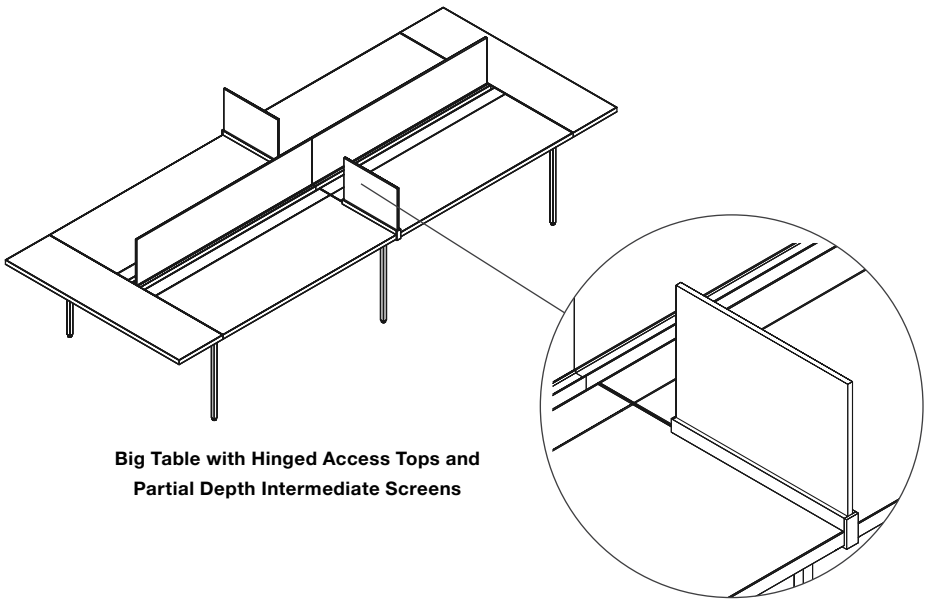
7. Determine the desired screen position along the width of the table, and position the screen extrusion on the worksurface accordingly.
8. Hook (1) upholstered intermediate screen rail clamp (B) to the front edge of the worksurface so that the clamp's u-channel is above the worksurface and the two screw holes are below the worksurface. Slide the open end of the bottom screen extrusion onto the u-channel portion to temporarily support the bracket.
9. Lifting the free end of the screen assembly slightly, carefully peel the protective paper from the other side of the non-skid pad (F), then firmly press the screen assembly downward to adhere the free end of the bottom screen extrusion to the worksurface.
10. Insert (2) ¼ - 20 x $^{3}/_{8}$" black oxide machine screws (E) into the holes under the rail clamp (B). Hold the U-channel portion of the rail clamp (B) firmly against the side of the screen bottom extrusion and tighten the screws against the bottom of the worksurface.

NOTE: The ¼ - 20 x $^{3}/_{8}$" black oxide machine screws (E) are to be treated as set screws and will create the tight connection between the screen bottom extrusion and the worksurface. The rail clamp (B) must be seated firmly within the side of the bottom extrusion, but **should not be pressed tight against the bottom of the worksurface**. A space will remain between the rail clamp and the bottom of the worksurface.

11. Position the openings in the underside of the screen over the bayonet mount brackets (A) and push the screen down until the screen is firmly seated.

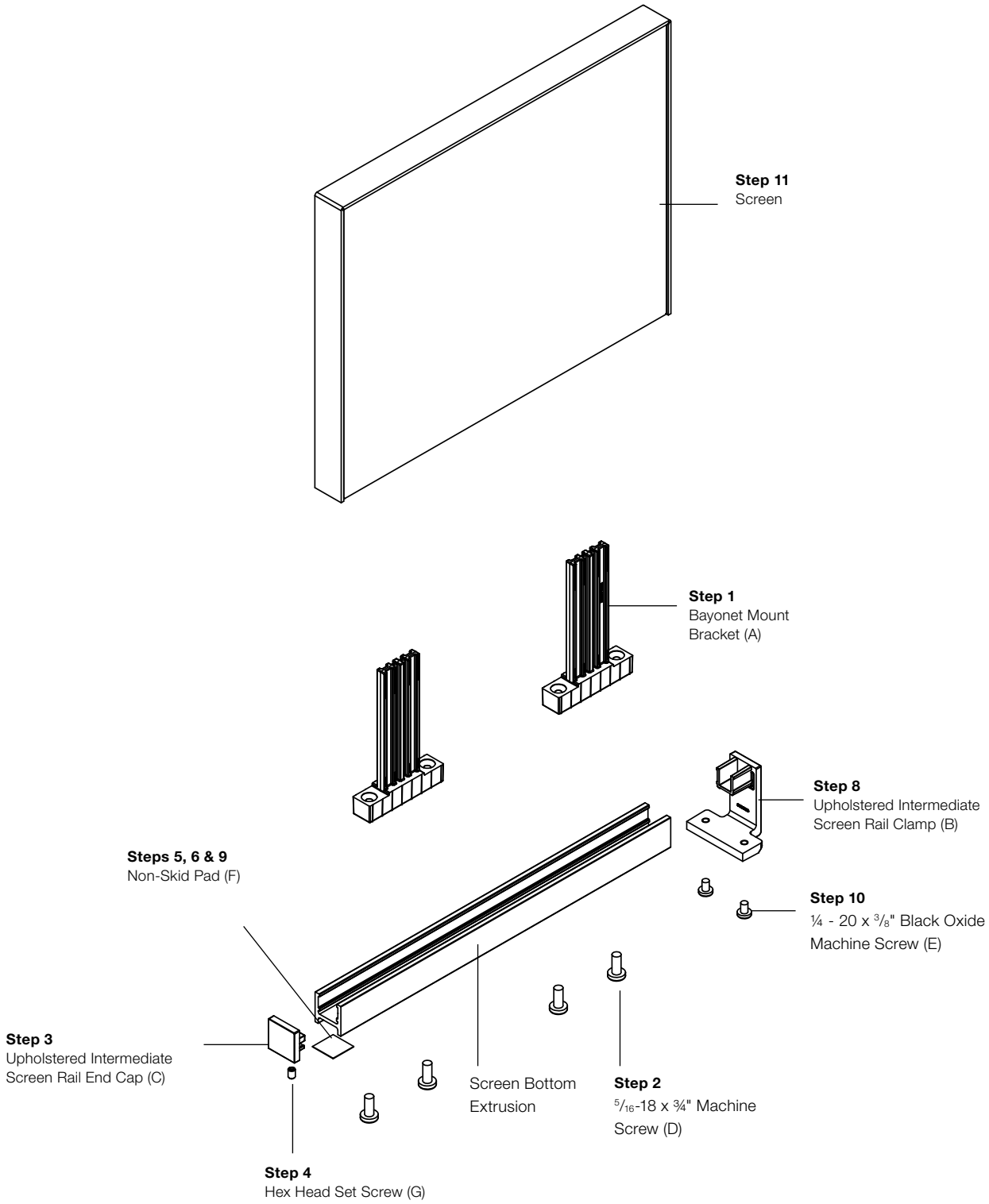


Partial Depth Intermediate Screen for Use with Hinged Access Tops



Big Table with Hinged Access Tops and Partial Depth Intermediate Screens

Fabric Intermediate Screens - Partial Depth for Use with Tops with Hinged Access, continued



Partial Depth Fabric Intermediate Screen Assembly Detail

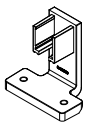
Hard Surface Intermediate Screens - Partial Depth for Use with Tops with Hinged Access

Pattern Numbers Represented:
Intermediate Screens, **YPSI___**

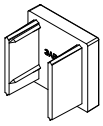
Parts List:
Non-Upholstered Intermediate Screen Rail Clamp (A)
Non-Upholstered Intermediate Screen Rail End Cap (B)
¼ - 20 x 3/8" Black Oxide Machine Screw (C)
Non-Skid Pad (D)
Screen

Tools Needed:
Drill
Phillips #2 and #3 bits

(A) 3AB1210*



(B) 3AB1209*



(C) 7019440

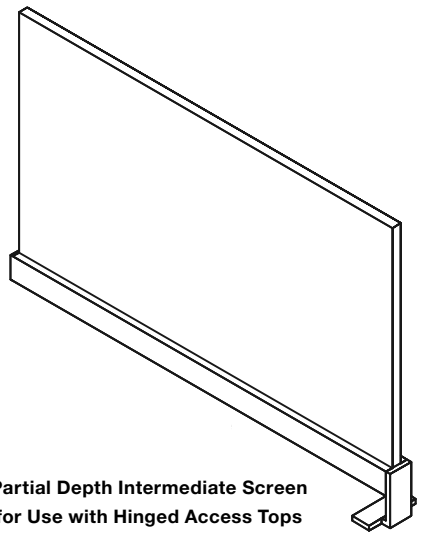
(D) 3AB419700

STEPS

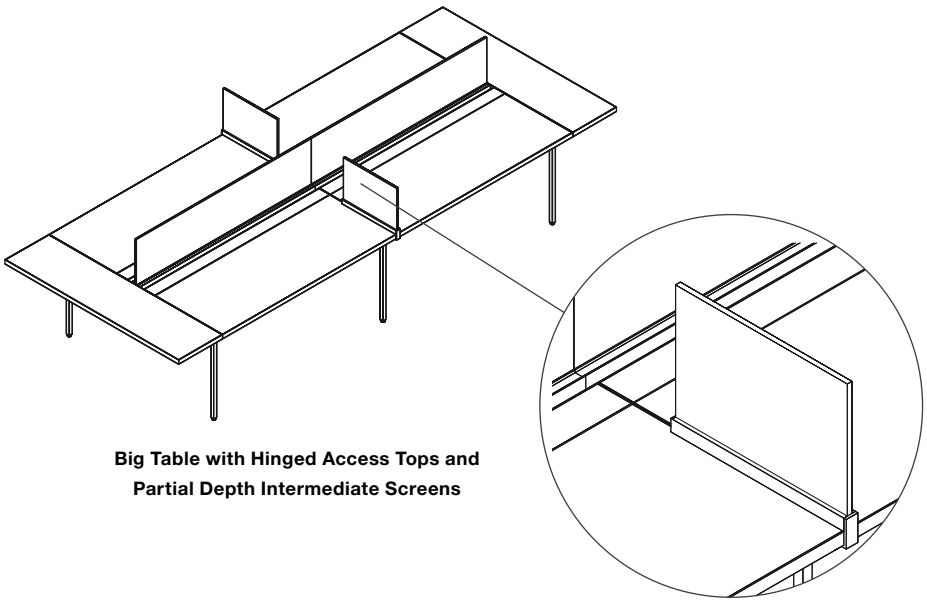
1. Fully insert (1) non-upholstered intermediate screen rail end cap (B) into one end of the screen's bottom extrusion.
2. Peel the protective paper from **one side** of the non-skid pad (D) to expose **one** of the adhesive sides.
3. Affix the non-skid pad (D) to the underside of the screen's bottom extrusion, close to the end cap (B) that has just been attached.

   NOTE: DO NOT REMOVE THE OTHER SIDE OF THE PROTECTIVE PAPER AT THIS POINT.
4. Determine the desired screen position along the width of the table, and position the screen on the worksurface accordingly.
5. Hook (1) non-upholstered intermediate screen rail clamp (A) to the front edge of the worksurface so that the clamp's two "fins" are above the worksurface and the two screw holes are below the worksurface. Slide the open end of the screen's bottom extrusion onto the "fins" to temporarily support the bracket.
6. Lifting the free end of the screen slightly, carefully peel the protective paper from the other side of the non-skid pad (D), then firmly press the screen assembly downward to adhere the free end of the screen to the worksurface.
7. Insert (2) ¼ - 20 x 3/8" black oxide machine screws (C) into the holes under the rail clamp (A). Hold the clamp's "fins" firmly against the side of the screen's bottom extrusion and tighten the screws against the bottom of the worksurface.

   NOTE: The ¼ - 20 x 3/8" black oxide machine screws (C) are to be treated as set screws and will create the tight connection between the screen's bottom extrusion and the worksurface. The rail clamp (A) must be seated firmly within the side of the bottom extrusion, but **should not be pressed tight against the bottom of the worksurface**. A space will remain between the rail clamp and the bottom of the worksurface.

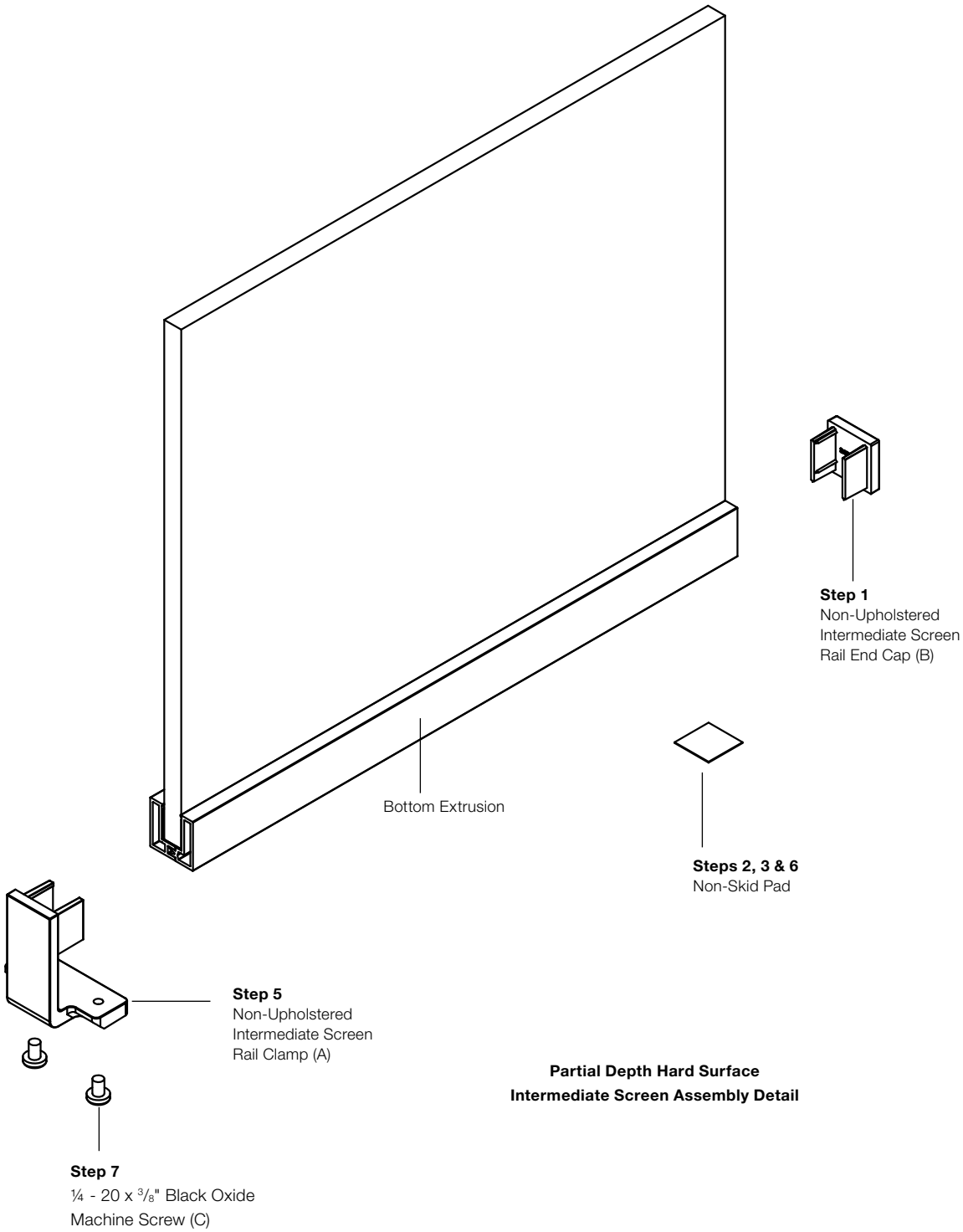


Partial Depth Intermediate Screen for Use with Hinged Access Tops



Big Table with Hinged Access Tops and Partial Depth Intermediate Screens

Hard Surface Intermediate Screens - Partial Depth for Use with Tops with Hinged Access, continued



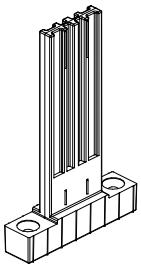
Partial Depth Hard Surface
Intermediate Screen Assembly Detail

Fabric Desktop End Screens

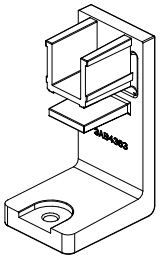
Parts List:
Bayonet Mount Bracket (A)
Upholstered End Screen Rail Clamp (B)
$^{5}/_{16}$-18 x ¾" Machine Screw (C)
Set Screw (D)
Screen Bottom Extrusion
Screen

Tools Needed:
Drill
Phillip #2 and #3 Bits
$^{1}/_{8}$" Hex Bit

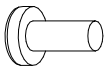
(A) 3AB408200



(B) 3AB4363*



(C) 7060440



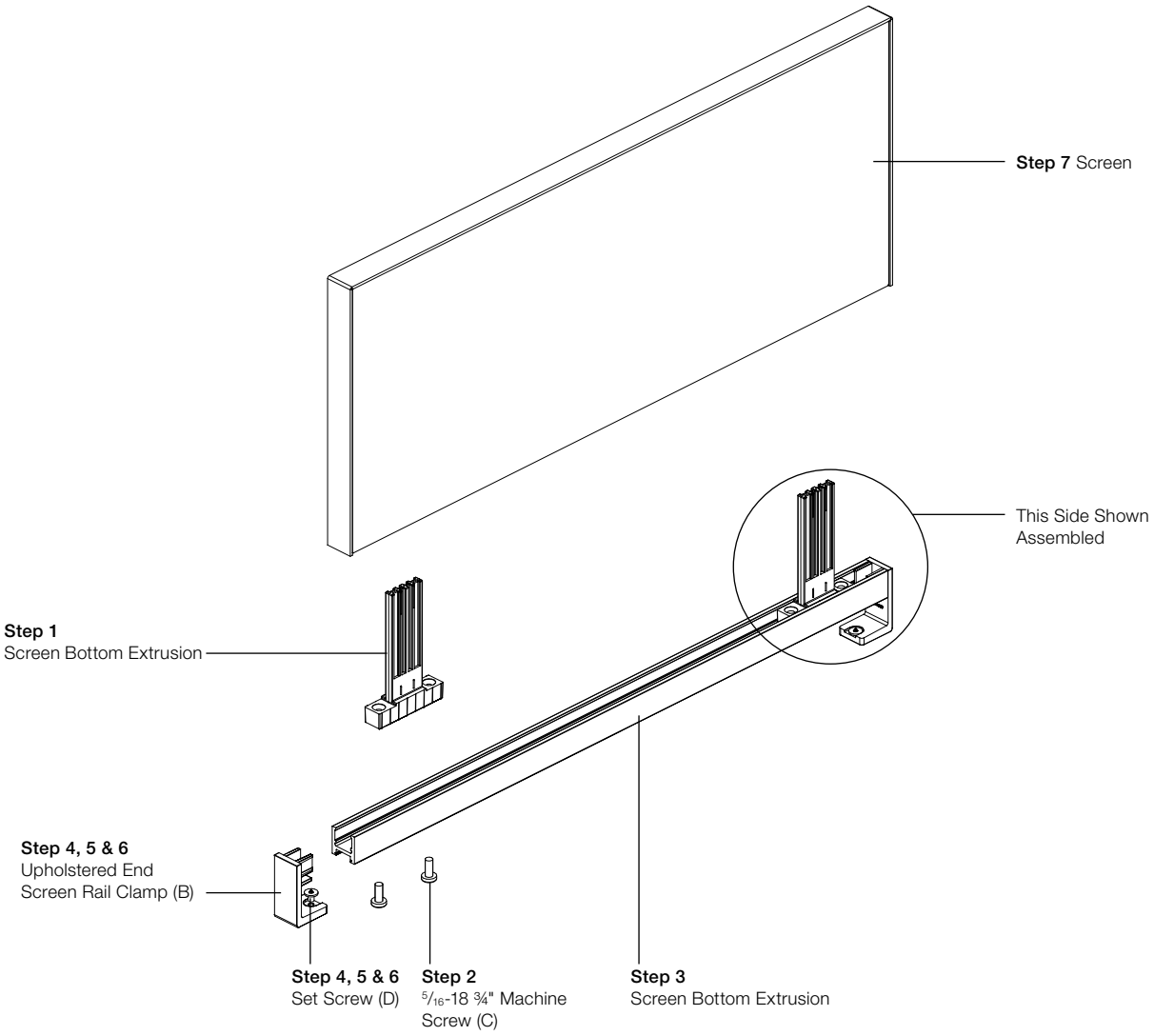
(D) 3AB4382

STEPS

1. Insert (2) bayonet mount brackets (A) into the top of the screen bottom extrusion so that the holes in the brackets align with the two sets of holes in the extrusion.
2. Insert (4) $^{5}/_{16}$"-18 x ¾" machine screws (C) beneath the extrusion and firmly attach the (2) bayonet mount brackets (A) to the extrusion.
3. Position the screen extrusion on the end of the worksurface.
4. Insert (1) set screw (D) into the bottom of an upholstered end screen rail clamp (B), then hook the hook the rail clamp behind the back edge of the worksurface so that the clamp's u-channel is above the worksurface and the set screw is below the worksurface. Slide one end of the bottom screen extrusion onto the u-channel portion to temporarily support the clamp.
5. Insert another set screw (D) into, the second upholstered end screen rail clamp (B), then hook it on to the front edge of the worksurface in a similar fashion, sliding the u-channel portion into the other end of the bottom screen extrusion.
6. Hold the U-channel portion of the rail clamps (B) firmly against the side of the screen bottom extrusion and tighten the set screws (D) against the bottom of the worksurface.

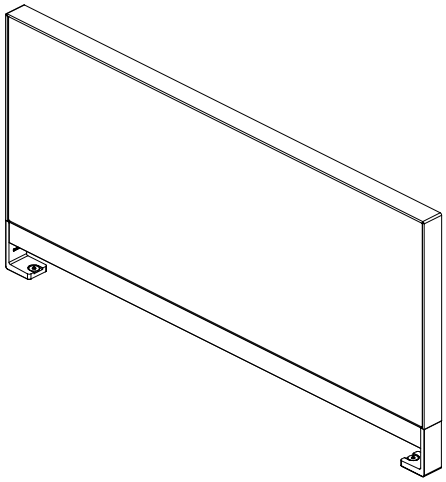
   NOTE: The set screws (D) will create the tight connection between the screen bottom extrusion and the worksurface. The rail clamp (B) must be seated firmly within the side of the bottom extrusion, but should not be pressed tight against the bottom of the worksurface. A space will remain between the rail clamp and the bottom of the worksurface.
7. Position the openings in the underside of the screen over the bayonet mount brackets (A) and push the screen down until the screen is firmly seated.

Fabric Desktop End Screens, continued

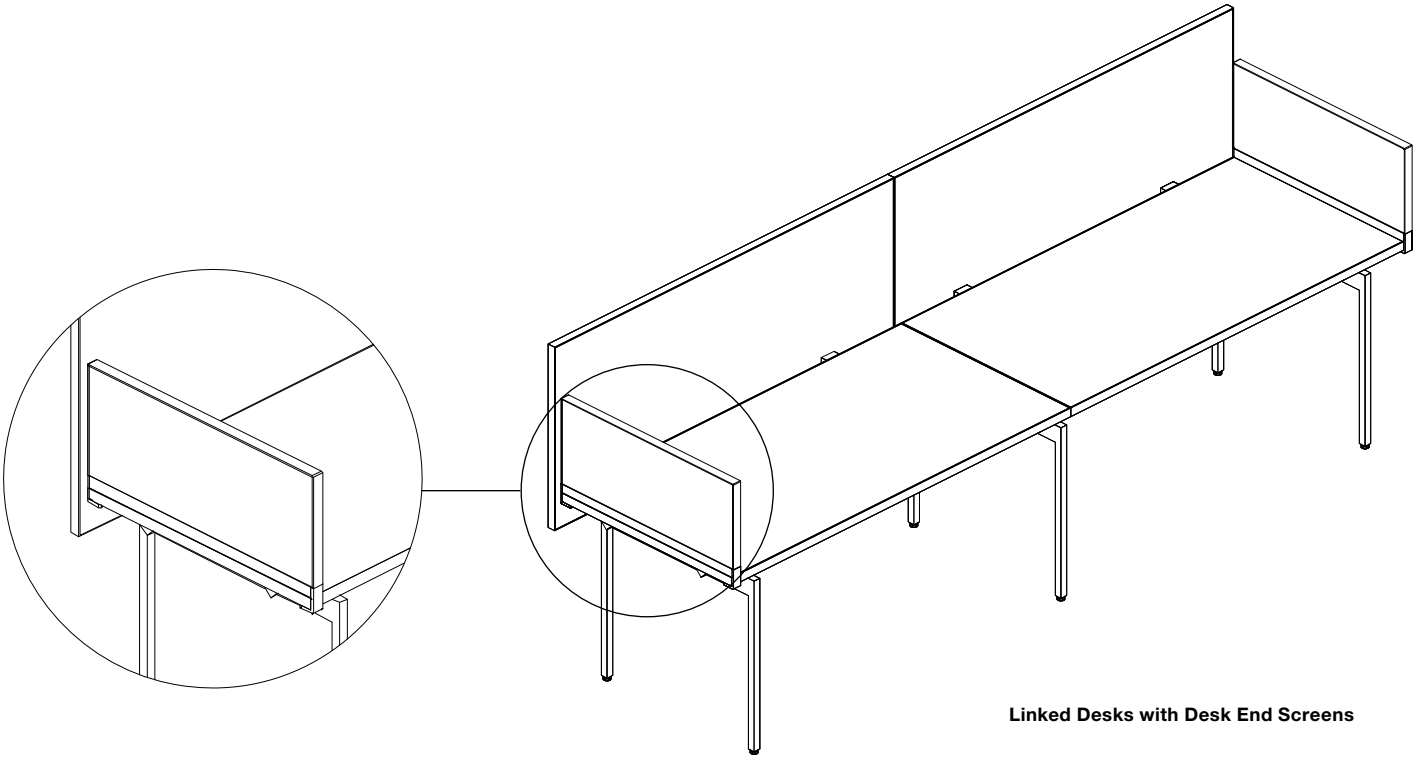


Fabric Desk End Screen Assembly Detail

Fabric Desktop End Screens, continued



Desktop End Screen, Fabric



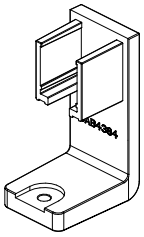
Linked Desks with Desk End Screens

Hard Surface Desktop End Screens

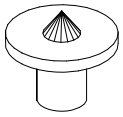
Parts List:
Non-Upholstered End Screen Rail Clamp (A)
Set Screw (B)
Screen

Tools Needed:
Drill
1/8" Hex Bit

(A) 3AB4384*



(B) 3AB4382

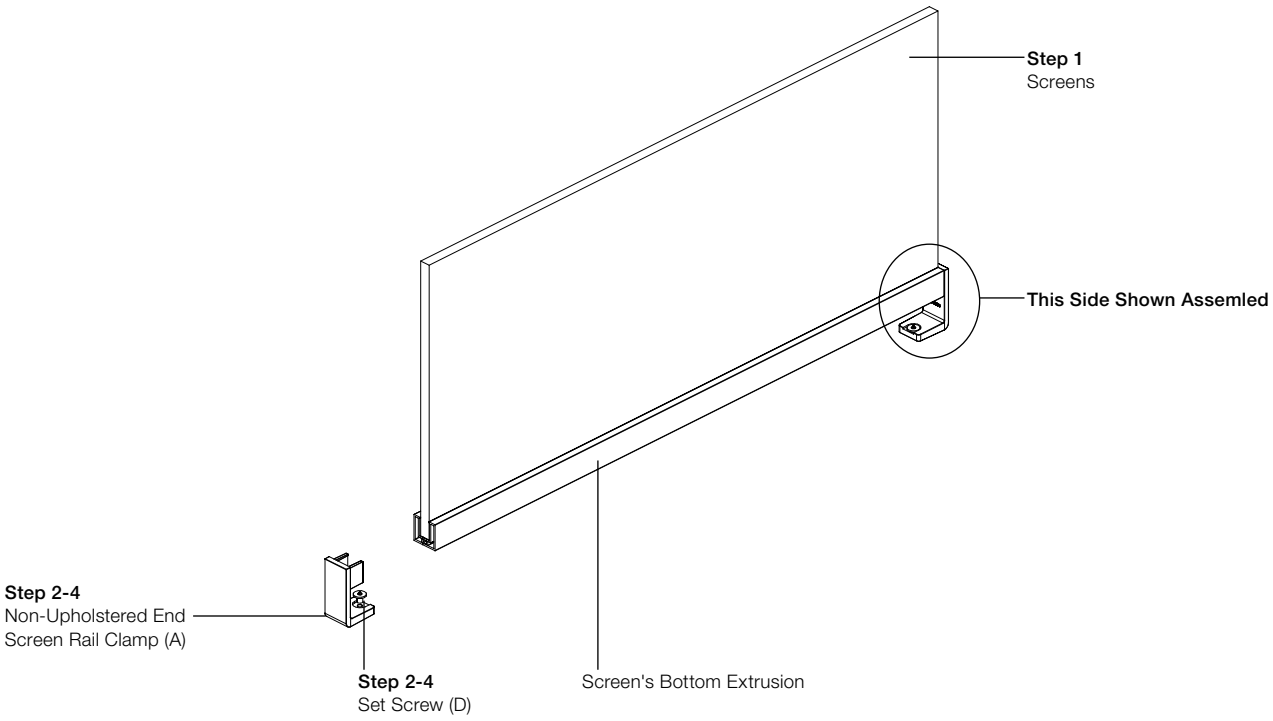


STEPS

1. Position the screen at the end of the worksurface.
2. Insert (1) set screw (B) into the bottom of a non-upholstered end screen rail clamp (A), then hook the hook the rail clamp behind the back edge of the worksurface so that the clamp's two "fins" are above the worksurface and the set screw is below the worksurface. Slide one end of the screen's bottom extrusion onto the "fins" to temporarily support the bracket.
3. Insert another set screw (B) into, the second non-upholstered end screen rail clamp (A), then hook it on to the front edge of the worksurface in a similar fashion, sliding the "fins" into the other end of the screen's bottom extrusion.
4. Hold the clamp's "fins" firmly against the side of the screen's bottom extrusion and tighten the set screws (B) against the bottom of the worksurface.

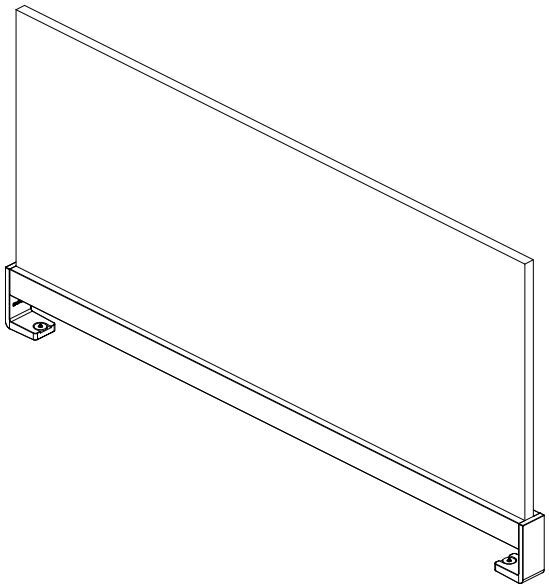
NOTE: The set screws (B) will create the tight connection between the screen's bottom extrusion and the worksurface. The rail clamp (A) must be seated firmly within the side of the bottom extrusion, but should not be pressed tight against the bottom of the worksurface. A space will remain between the rail clamp and the bottom of the worksurface.

Hard Surface Desktop End Screens, continued

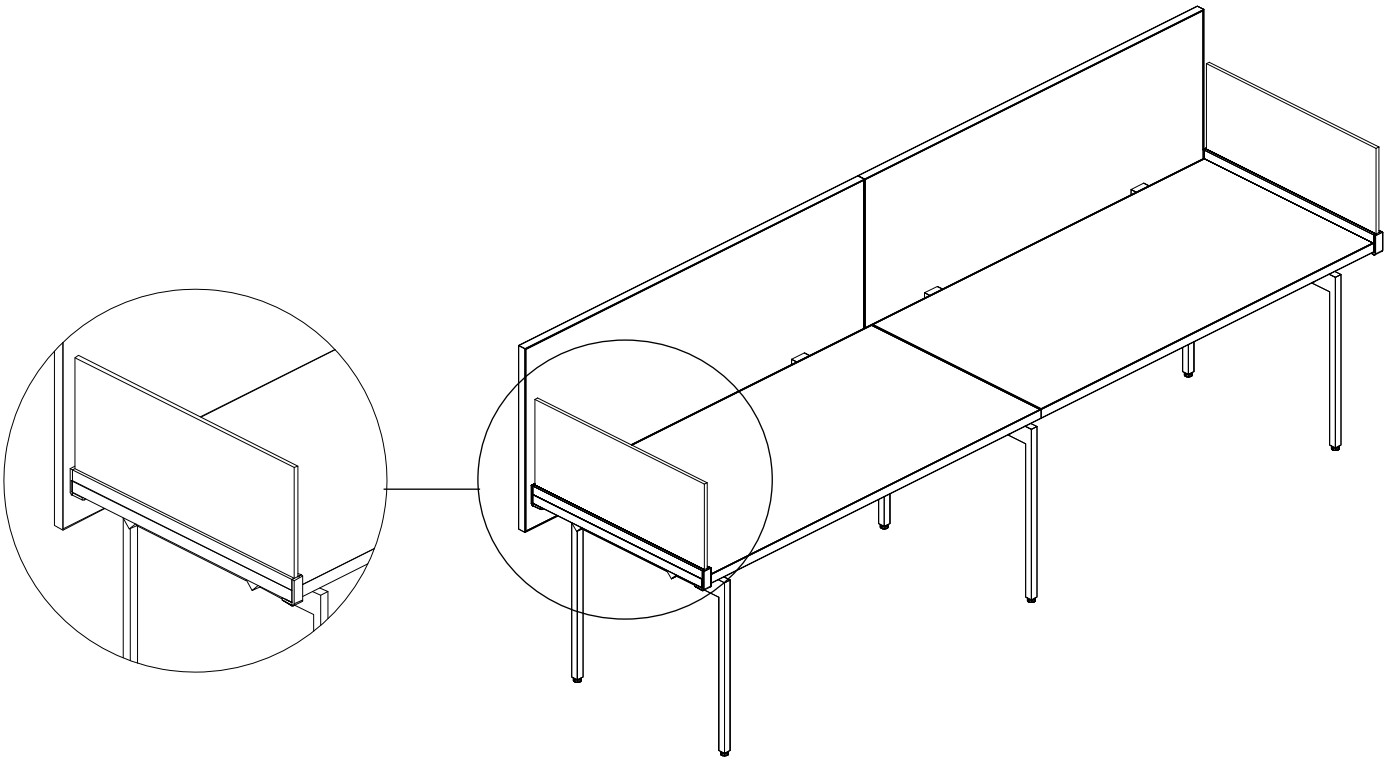


Hard Surface Desk End Screen Assembly Detail

Hard Surface Desktop End Screens, continued



Desktop End Screen, Non-Upholstered



Linked Desks with Non-Upholstered Desk End Screens

Acrylic Desktop End Screens

Acrylic Back Panel

YPSE~

Parts List:

End Clamp (3AB4384) (**A**)

Set Screw (3AB4382) (**B**)

Screen

Tools Needed:

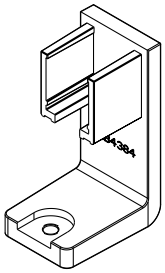
Drill

1/8” Hex Bit

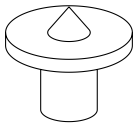
Note: *Two-person installation recommended. This assembly requires a structural glue application. The glue is a rapid setting. Working time is less than 30 seconds*

Steps:

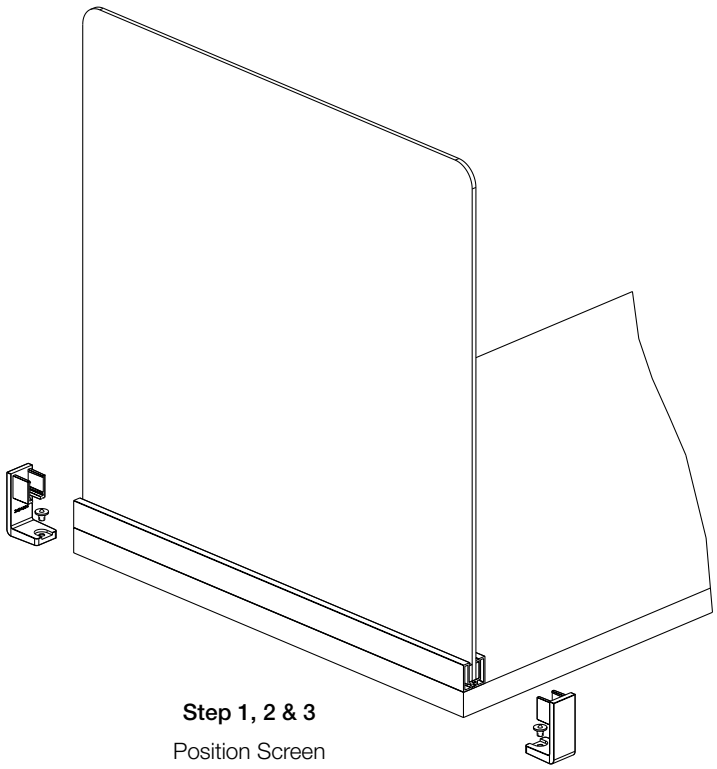
1. Position the screen at the end of the worksurface.
   Note: *Standalone Acrylic End Screens are non-handed. Acrylic End Screens when specified for use with Acrylic Back Panel should position the radius top corner at the front of the worksurface and the rectilinear top corner at the back of the worksurface.*
2. Insert Set Screw (**B**) into the bottom of End Screen Rail Clamp (**A**), then hook the Rail Clamp behind the back edge of the worksurface so that the clamp’s two “fins” are above the worksurface and the Set Screw is below the worksurface. Slide one end of the screen’s bottom extrusion onto the “fins” to temporarily support the bracket.
3. Insert another Set Screw (**B**) into, the second End Screen Rail Clamp (**A**), then hook it on to the front edge of the worksurface in a similar fashion, sliding the “fins” into the other end of the screen’s bottom extrusion.
4. Hold the clamp’s “fins” firmly against the side of the screen’s bottom extrusion and tighten the Set Screws (**B**) against the bottom of the worksurface.



(**A**)



(**B**)



Step 1, 2 & 3

Position Screen
Insert Set Screw in Clamps
Install Clamps

Desk Surround Screens: Laminate Back Panels with Fabric End Screens

YPSBB~

YPSE

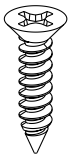
Tools needed:

Drill

Painters Tape

T8 Torx Bit

#1 Philips Bit



Laminate Screw
3AJ1215

Parts List:

Set Screw (**A**) (3AJ1215)

Screen Bottom Extrusion

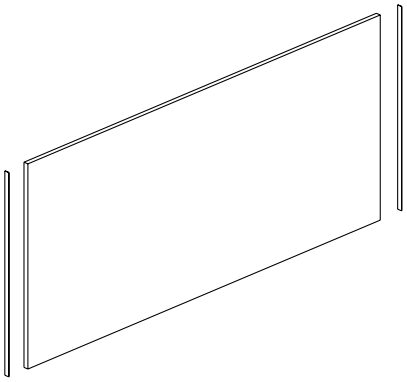
Screen

Note: *Two-person installation recommended. This assembly requires a structural glue application. The glue is a rapid setting. Working time is less than 30 seconds.*

STEPS

Start with steps for the End Screens, leaving the Set Screws loose on the End Screen Rail Clamps. Leaving the Set Screws loose ensures that the End Screens can be adjusted to accommodate the Back Panel.

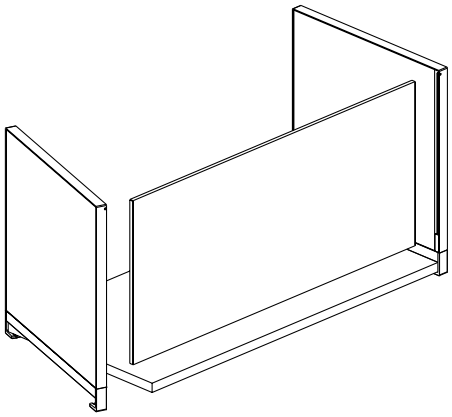
1. Remove Tape liner from the side of the laminate Back Panel
2. Insert the Back Panel into the appropriate Left and Right handed End Screens (left handed end screen shown below). The End Screens have a large pocket that the Back Panel will set into.
3. Tighten the Screws on the End Screen Rail Clamps. (See End Screen install guide)
4. Install two Screws (**A**) that affix the Back Panel to the End Screens.



Step 1

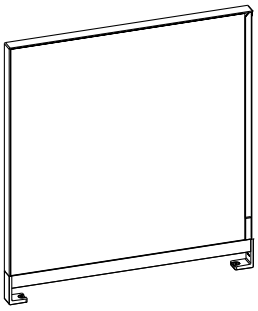
Laminate Back Panel

Remove Tape Backer before Installation into Fabric End Screens



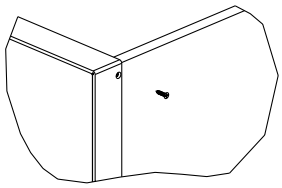
Steps 2 & 3

Laminate Back Panel



Left Hand Fabric End Screen
View of Pocket

Step 4



Fabric End Screens with
Laminate Back Panel

Desk Surround Screens:
Fabric Back Panels with Fabric End Screens

YPSBB~
YPSE

Tools needed:

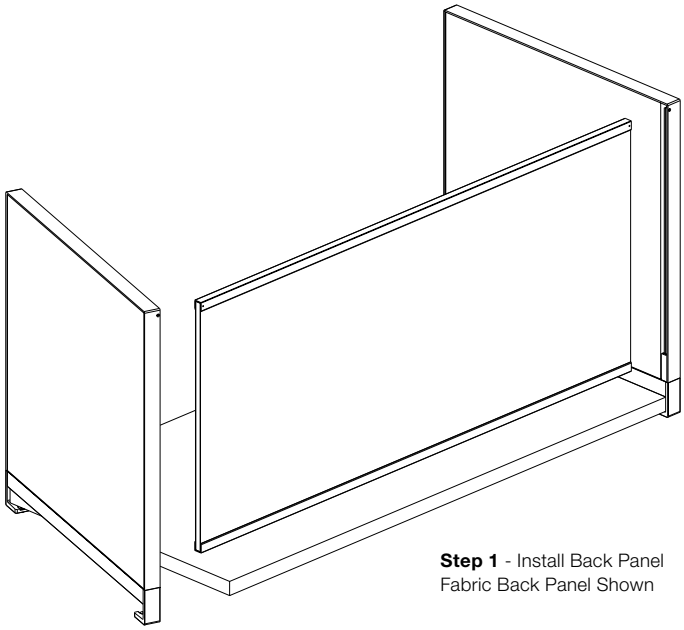
Drill
Painters Tape
T8 Torx Bit
#1 Philips Bit

Parts List:

Set Screw (A) (3AJ1152)¬
Screen Bottom Extrusion
Screen

Note: *Two-person installation recommended. This assembly requires a structural glue application. The glue is a rapid setting. Working time is less than 30 seconds.*

Fabric Screw 3AJ1152



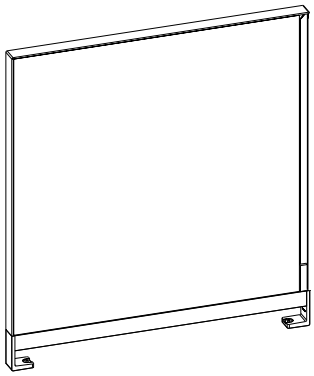
Step 1 - Install Back Panel
Fabric Back Panel Shown

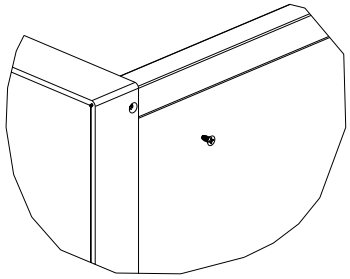
STEPS

Start with steps for the end screens, leaving the set screws loose on the end screen rail clamps. Leaving the set screws loose ensures that the end screens can be adjusted to accommodate the back panel.

1. Insert the back panel into the appropriate Left and Right handed end screens (Left Handed Shown here). The end screens have a large pocket that the back panel will set into.
2. Tighten on the end screen rail clamps. (see end screen install guide)
3. Install two screws (A) that affix the back panel to the end screens.

Left Hand Fabric End
Screen View Of Pocket





Step 3 - Fabric End Screens

Desk Surround Screens: Laminate or Fabric Back Panel with Laminate or Glass End Screens

YPSBB~

YPSE

Tools needed:

#1 Philips bit

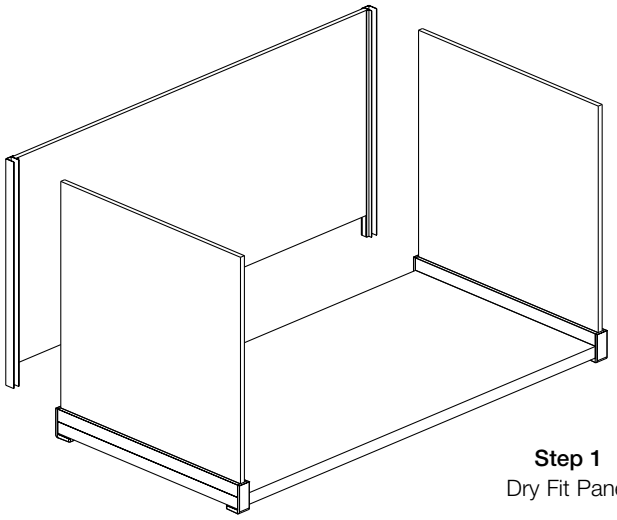
Parts List:

Glue (**A**)

Painters tape (**B**)

(**A**)

Note: *Two-person installation recommended. This assembly requires a structural glue application. The glue is a rapid setting. Working time is less than 30 seconds.*



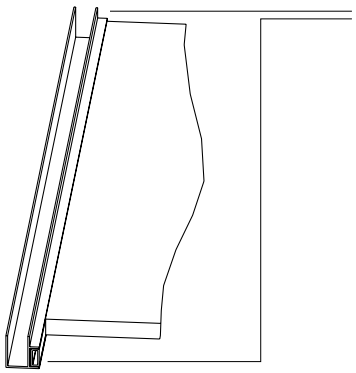
Step 1
Dry Fit Panel

Steps:

Start with steps for the End Screens, leaving the Set Screws loose on the End Screen Rail Clamps.

1. Dry fit the Back Panel onto the two End Screens leaving the End Screen Set Screws loose. Adjust End Panels until Back Panel aligns properly.
2. Tighten on the End Screen Rail Clamps. Set Back Panel aside.
3. Apply glue to both vertical sides of the Back Panel inside the metal channel. Use one full tube of glue per channel (2 tubes of glue included). Apply glue continuously and uniformly to the full length of the channel stopping a 1/2" away from the top and bottom edges to prevent glue from squeezing out.
4. Raise the Back Panel into position with side channels capturing the back edge of End Screens on either side. Using the included tape (**B**), apply 2-4 pieces of tape wrapping around each of the corners to hold the Panel in place while glue sets.
5. Glue will set after 15 minutes. At this time the tape may be removed. Full cure is achieved after 24 hours.

Step 3
Apply Glue



Do not apply glue within ½" of the top and bottom edges

Desk Surround Screens: Acrylic Back Panel with Acrylic End Screens

YPSBB~

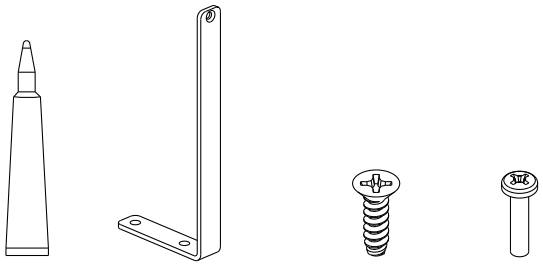
Tools needed:

Drill

Painters tape

#1 Philips bit

#2 Philips bit



(**A**) (**C**) (**D**) (**F**)

Parts List:

Glue (**A**)

Painters Tape

Bridge Bracket (**C**) (3AJ1153)

2 #4 Screws (**D**) (3AJ1216)

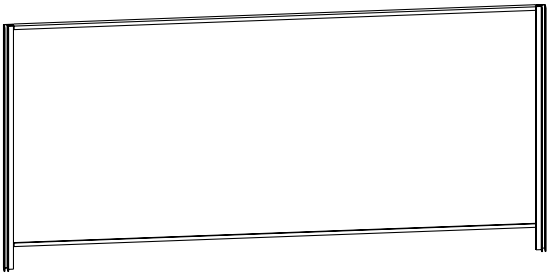
4 #8 Screws (**F**) (3AE4153)

Note: *Two-person installation recommended. This assembly requires a structural glue application. The glue is a rapid setting. Working time is less than 30 seconds*

STEPS

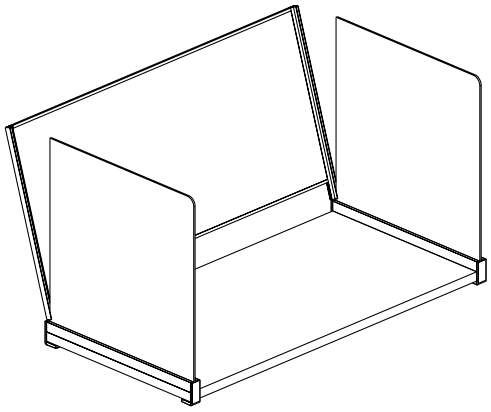
Start with existing steps on the End Screens, leaving the Set Screws (**D**) loose on the End Screen Rail Clamps.

1. Dry fit the Back Panel onto the two End Screens leaving the End Screen Set Screws loose. Adjust End Panels until Back Panel aligns properly.
2. Once the final alignment is set, the End Screen Set Screws may be tightened on the End Screen Rail Clamps. Set Back Panel aside.
3. Apply glue to both vertical sides of the Back Panel inside the metal channel. Use one full tube of glue per channel (2 glue tubes included). Apply glue continuously to the full length of the channel stopping a 1/2" away from the top and bottom edges to prevent glue from squeezing out.
4. Raise the Back Panel into position with side channels capturing the back edge of End Screens on either side. Using the included tape (B), apply 2-4 pieces of tape wrapping around each of the corners to hold the Panel in place while glue sets.
5. Glue will set after 15 minutes. At this time the tape may be removed. Full cure is achieved after 24 hours.



Acrylic Backpanel Step 3A
Apply Glue in Channel

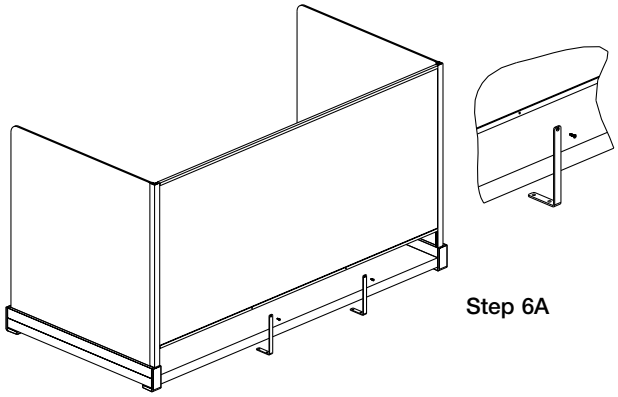
Acrylic Backpanel Step 3A
Apply Glue Alternate View



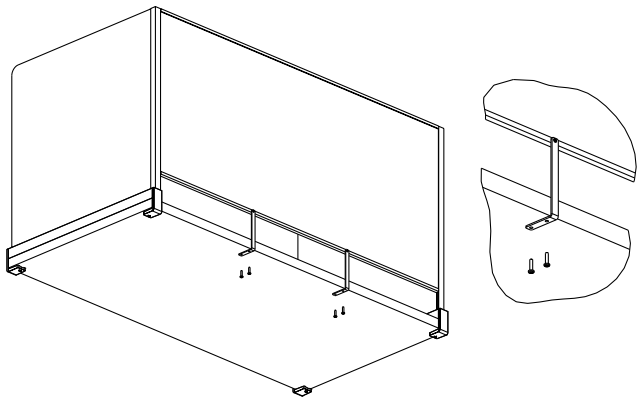
Step 4
Tilt Screen into Place

Desk Surround Screens: Acrylic Back Panel with Acrylic End Screens, continued

6. Install the Bridge Brackets (C) at the rear of the Back Panel in predrilled locations, using the two Screws (D) into the Back Panel frame and four Screws (F) to the underside of the work surface.



Step 6A



Step 6B

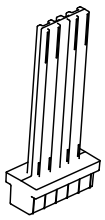
Fabric Fence Screens

Pattern Numbers Represented:
Fabric Screens for Fence, **YPSF__F**

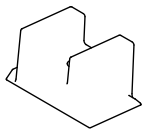
Parts List:
Bayonet (A)
U-Bracket (B)
$^{5}/_{16}$–18 x 1 ½" Hex Head Bolt (C)
Fabric Screen Panel
Fence Frame
Crown Covers

Tools Needed:
Drill
Phillips #2 and #3 bits
Rubber Mallet

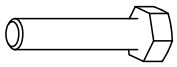
(A) 3AB408300



(B) 3AB405400



(C) 7231496

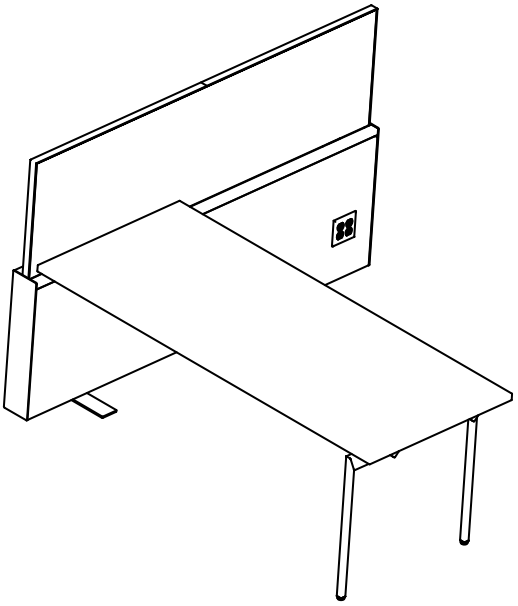


STEPS

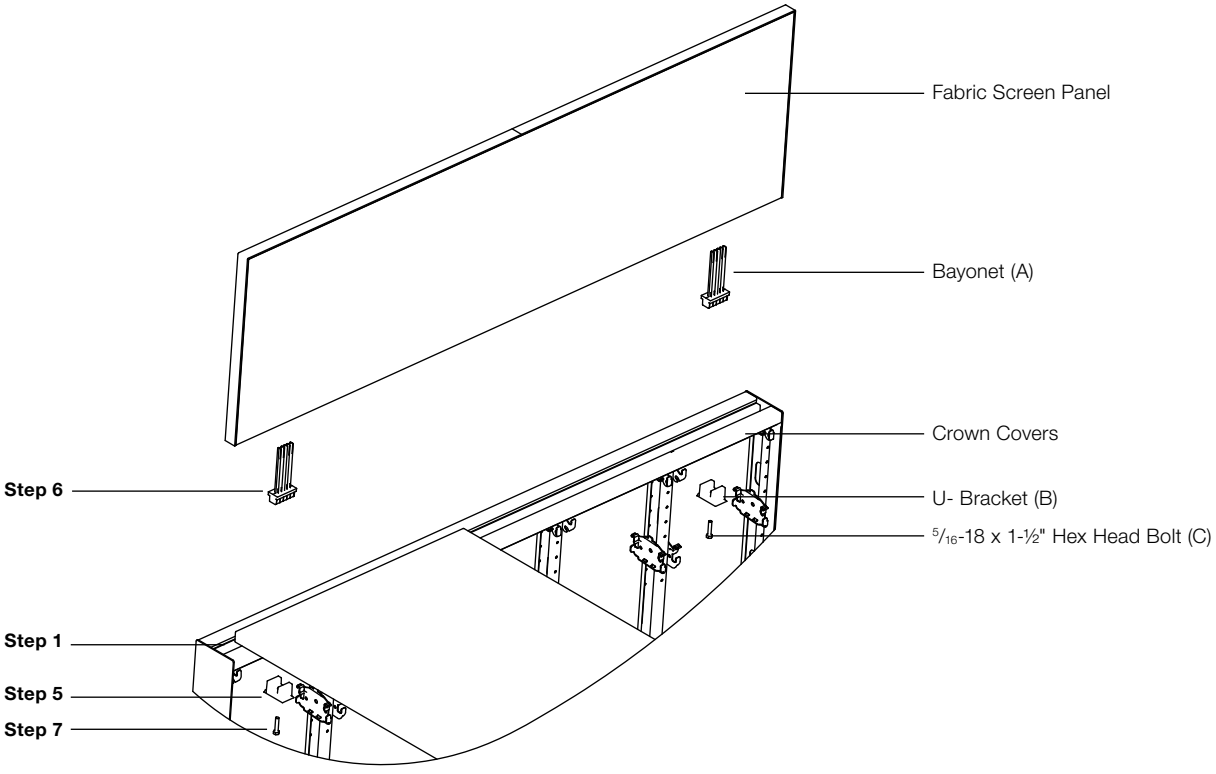
1. Ensure the crown covers are installed on the Fence frame.
2. Remove the upper cover from one side of the Fence frame.
3. Position the fabric panel in the desired location on the fence frame and note where the openings on the underside of the screen are located.
4. Mark the two holes in the top of the Fence frame that are closest in location to the openings in the bottom of the fabric screen.

   NOTE: The holes in the top of the Fence frame are repeated every 3".
5. Place a U-bracket (B) **inside** the frame, under the top horizontal channel, at each marked hole position. (i.e. (2) U-brackets per fabric screen.)
6. Place a bayonet (A) on top of the frame, in the top horizontal channel, at each marked hole position. (i.e. (2) bayonets per fabric screen.)
7. Secure each bayonet (A) to its corresponding U-bracket (B) with a $^{5}/_{16}$–18 x 1 ½" hex head bolt (C) inserted from below the top horizontal channel of the Fence frame.
8. Position the openings in the underside of the screen over the bayonets (A) and tap the screen down lightly into position with a rubber mallet until the screen is firmly seated.
9. Re-install the upper Fence cover removed in Step 2.

Fabric Fence Screens, continued



Assembled Fence Screen



Exploded Fabric Fence Screen Assembly

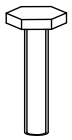
Markerboard, Glass, Laminate or Veneer Fence Screens

Pattern Numbers Represented:
Screens for Fence, **YPSF**___

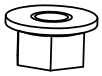
Parts List:
¼-20 x 1 ¼" Hex Head Machine Screw (A)
¼-20 Serrated Flange Hex Nut (B)
⅛" x 1" Roll Pin (C)
Markerboard, Glass, Laminate
or Veneer Screen Panel
Fence Frame
Crown Covers

Tools Needed:
Drill
Phillips #2 and #3 bits

(A) 6AA462100



(B) 7473300



(B) 1A52247H02

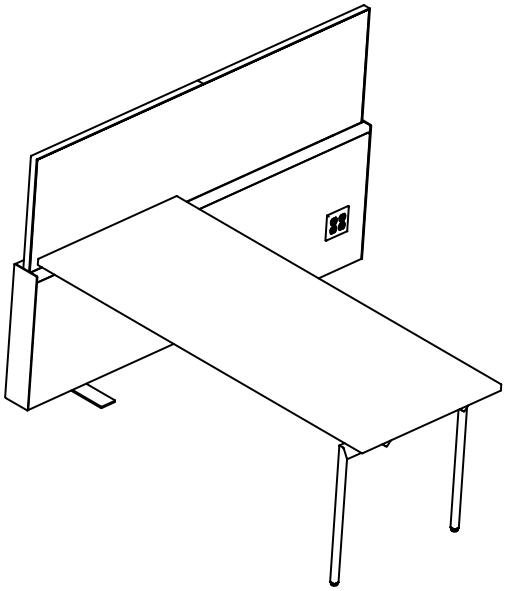
STEPS

1. Ensure the crown covers are installed on the Fence frame.
2. Remove the upper covers from one side of the Fence frame.
3. If more than one screen is to be installed, push (2) ⅛" x 1" roll pins (C) half way into the end of the first screen, on the adjoining side. If only one screen is to be installed, please skip ahead to step 4.
4. Slide the heads of the ¼-20 x 1 ¼" hex head machine screws (A) into the extruded aluminum slot at the bottom of the screen panel. Depending on the size of the panel there will be (2 to 4) screws (A) required.
5. Position the panel in the desired location on the fence frame and slide the screws (A) so they are spaced evenly and aligned with the predrilled holes in the top of the Fence frame.

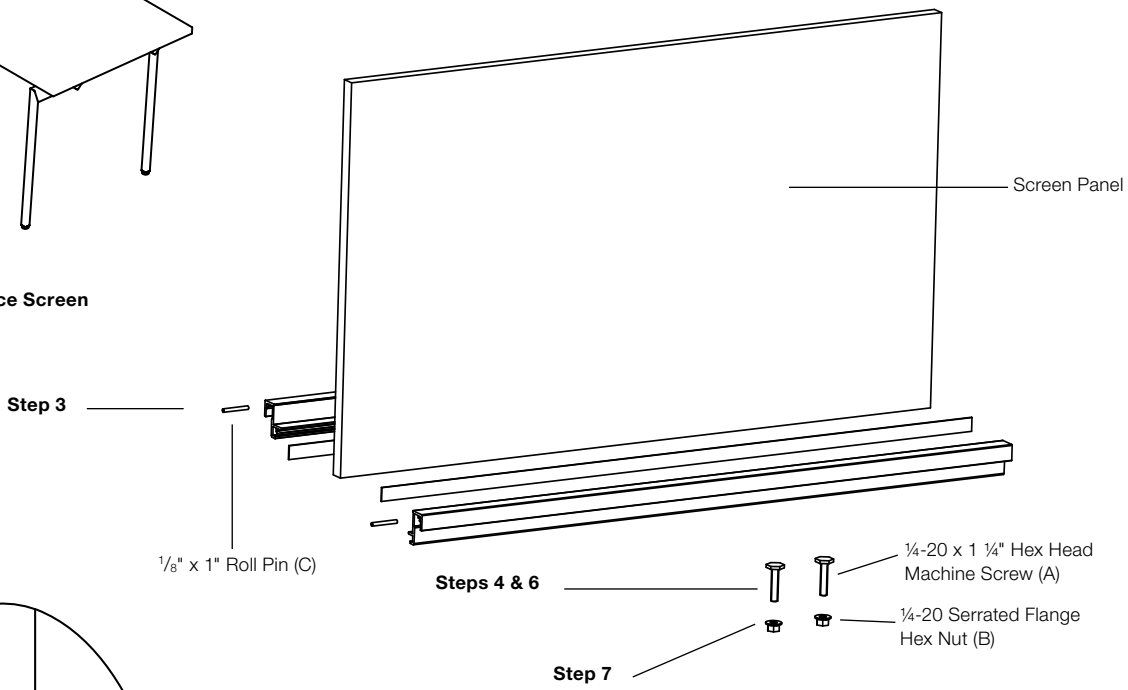
   NOTE: The holes in the top of the Fence frame are repeated every 3".
6. Place the screen firmly into the top channel of the Fence frame, inserting the screws (A) through the predrilled holes in the top of the Fence frame.

   NOTE: If more than one screen is to be placed, be sure to slide adjoining screens onto the protruding halves of the roll pins (C) installed in step 3.
7. Ensure the screen position is correct and modify, if necessary. Tightly secure all screws (A) with ¼-20 serrated flange hex nuts (B), from inside the frame, under the top horizontal channel.
8. Re-install the upper covers removed in Step 2.

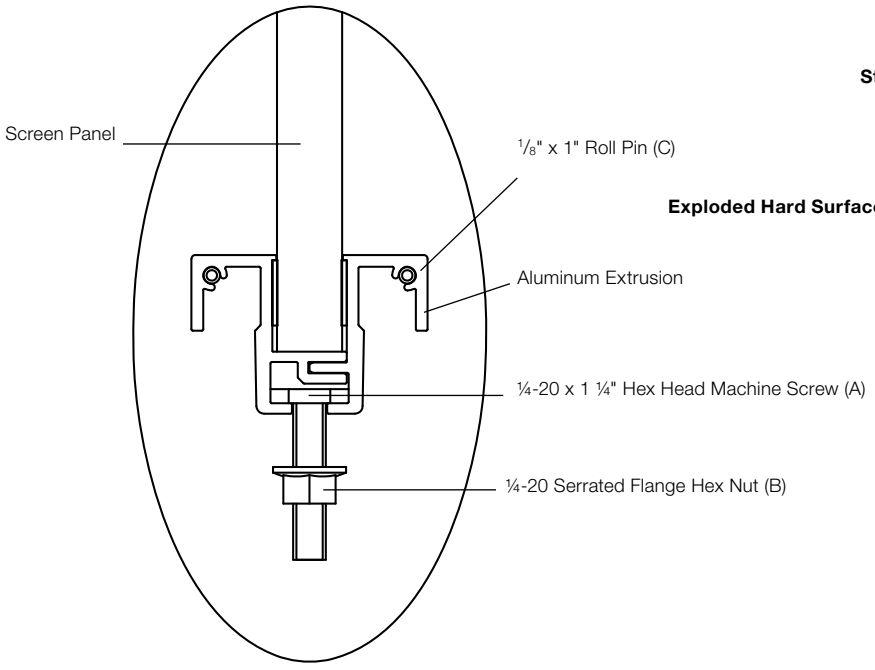
Markerboard, Glass, Laminate or Veneer Fence Screens, continued



Assembled Fence Screen



Exploded Hard Surface Fence Screen Assembly



Section View of Hard Surface Fence Screen

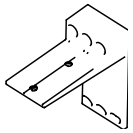
Floorstanding L Screen Without Pedestal

Pattern Numbers Represented:
L Screens, **YSFS**_____

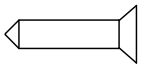
Part List:
Screen Mounting Bracket (A)
#12 X ¾" Black Wood Screw (B)
L Screen

Tools Needed:
Drill
Phillips #2 and #3 bits
⅛" Drill Bit
Drill Stop
Pencil

A.) 3AB4043*



B.) 7196440



STEPS:

1 Position (2) screen mounting brackets (A) under the desk top; one bracket on the back edge of the top and one bracket on the end edge of the top. The flat portion of the bracket should face the underside of the top.

2. Temporarily attach the brackets (A) to the underside of the top using (2) #12 X ¾" black wood screws (B) per bracket (A).

3. Place the floorstanding L-screen into position around the corner of the desk and level the glides on the desk and the screen, as necessary.

4. Under the desk, mark the three visible screen mounting bracket (A) hole positions on the interior of the L-screen with a pencil.

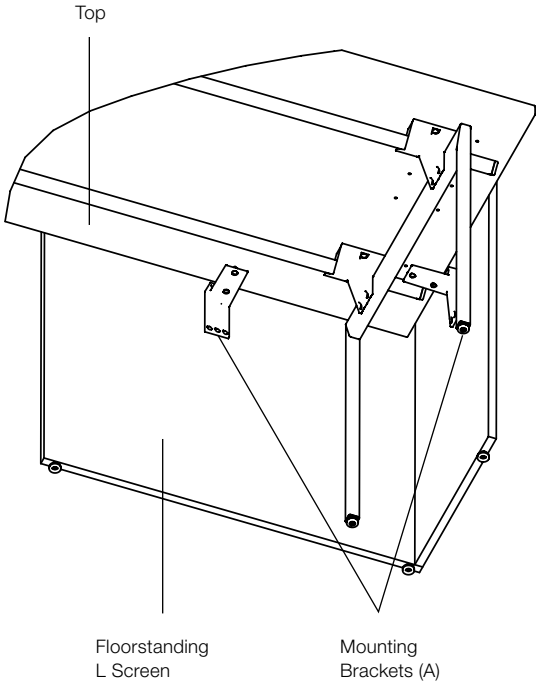
5. Remove the L-screen, and remove the (2) brackets (A) from under the desk top.

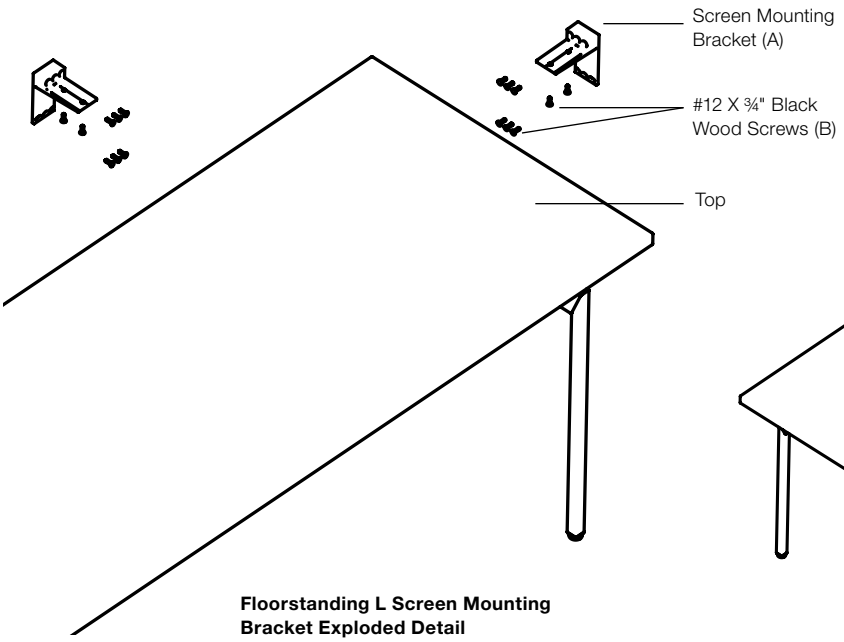
6. Position each bracket (A) on the L-screen so it aligns with its three corresponding pencil marks, and then mark the upper three holes with a pencil. There should be (6) marks per bracket (A).

7. Place the brackets aside, and drill pilot holes with a ⅛" drill bit into the L-screen at the marked locations, taking care to not damage the exterior face of the L-screen. Use a drill stop, if necessary.

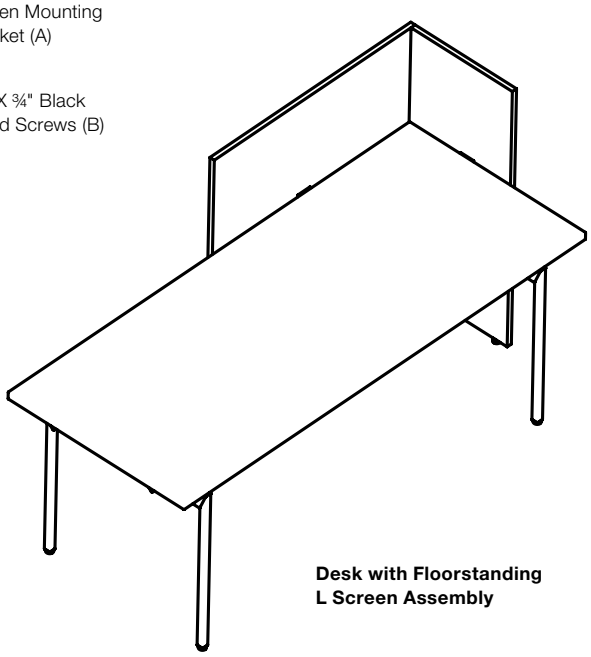
8. Attach the brackets (A) to the L-screen, utilizing the pre drilled holes, with (6) #12 X ¾" black wood screws (B) per bracket.

9. Replace the L-screen screen around the desk and re-attach the brackets (A) to the underside of the top with the same (2) #12 X ¾" black wood screws (B) per bracket (A) previously removed.





Floorstanding L Screen Mounting Bracket Exploded Detail



Desk with Floorstanding L Screen Assembly

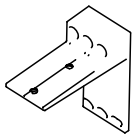
Floorstanding L Screen With Pedestal

Pattern Numbers Represented:
L Screen, **YSFS**_____
L Screen Corner Bracket, **YSFSB**

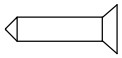
Parts List:
Screen Mounting Bracket (A)
#12 X ¾" Black Wood Screw (B)
Corner Bracket (C)
#12 x 5/8" SM TRP Black Screw (D)
L Screen

Tools Needed:
Drill
Phillips #2 and #3 bits
1/8" Drill Bit
Drill Stop
Pencil

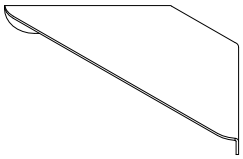
(A) 3AB4043*



(B) 7196440



(C) 6942395



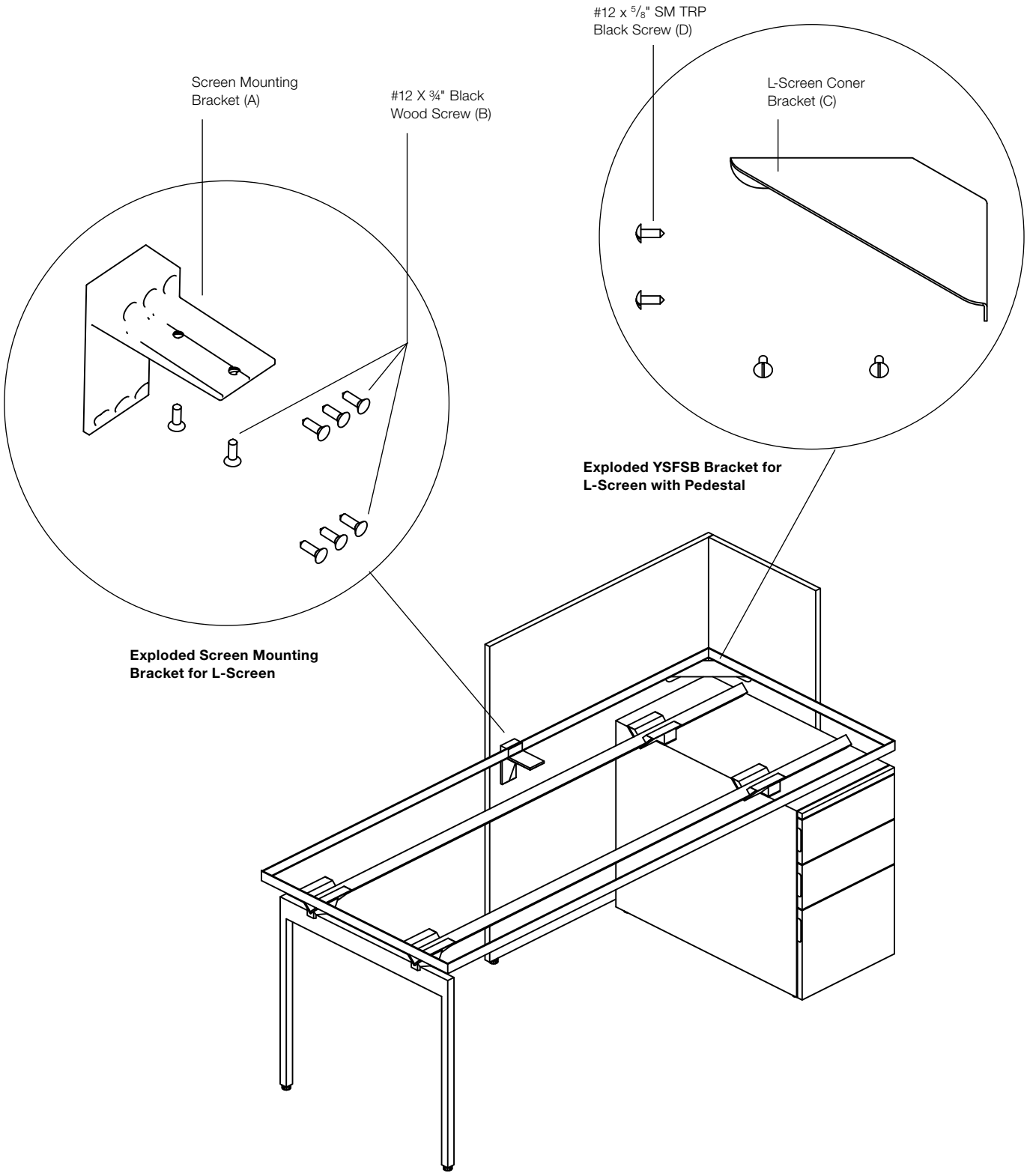
(D) 7128440

STEPS

1. Build desk assembly with pedestal (See desk supported by 25"H storage assembly instructions).
2. Position (1) screen mounting bracket (A) under the desk top; on the back edge of the top. The flat portion of the bracket should face the underside of the top.

   Note: The bracket should be positioned so that its outside edge will fall approximately 2" within the L-screen.
3. Temporarily attach the bracket (A) to the underside of the top using (2) #12 X ¾" black wood screws (B).
4. Place the floorstanding L-screen into position around the corner of the desk and level the glides on the desk and the screen, as necessary.
5. Under the desk, mark the three visible screen mounting bracket (A) hole positions on the interior of the L-screen with a pencil.
6. Position the corner bracket (C) under the corner of the worksurface, but above the pedestal top, so it sits against both sides of the L screen, and mark the four hole positions on the interior of the screen with the pencil.
7. Remove the L-screen and corner bracket (C), and unscrew the screen mounting bracket (A) from under the desk top.
8. Position the screen mounting bracket (A) on the L-screen so it aligns with its three corresponding pencil marks, and then mark the upper three holes with a pencil. There should be (6) marks for the screen mounting bracket (A).
9. Place the screen mounting bracket aside, and drill pilot holes with a 1/8" drill bit into the L-screen at the marked locations for the screen mounting bracket (A) and the corner bracket (C), taking care to not damage the exterior face of the L-screen. Use a drill stop, if necessary.
10. Attach the brackets (A & C) to the L-screen, utilizing the pre drilled holes, with (6) #12 X ¾" black wood screws (B) per screen mounting bracket, and (4) #12 x 5/8" SM TRP black screws (D) for the corner bracket (C).
11. Replace the L-screen screen around the desk and re-attach the screen mounting bracket (A) to the underside of the top with the same (2) #12 X ¾" black wood screws (B) previously removed.

Floorstanding L Screen with Pedestal, continued



Desk with Floorstanding L-Screen with Pedestal Assembly

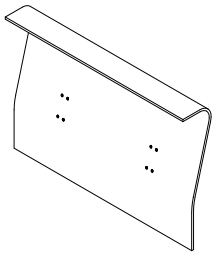
S Screens

Pattern Numbers Represented:
S Screen, **YPSS**__

Parts List:
S Screen (A)
Mounting Bracket (B)
Spacer Plate (C)
Two-Side Tape (D)
¼-20 x ½" Flat Head Black Machine Screw (E)
#14 x 1 ¼" Flat Head Black Wood Screw (F)
Desk or Table

Tools Needed:
Drill
Phillips #2 and #3 Bits
1/8" Drill Bit
Drill Stop
Pencil

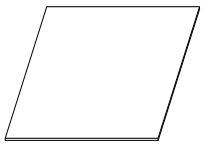
(A) 3AB1175(_)



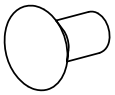
(B) 3AB4175*

(C) 3AB4024*

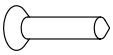
(D) 3AB409818



(E) 3AB419040



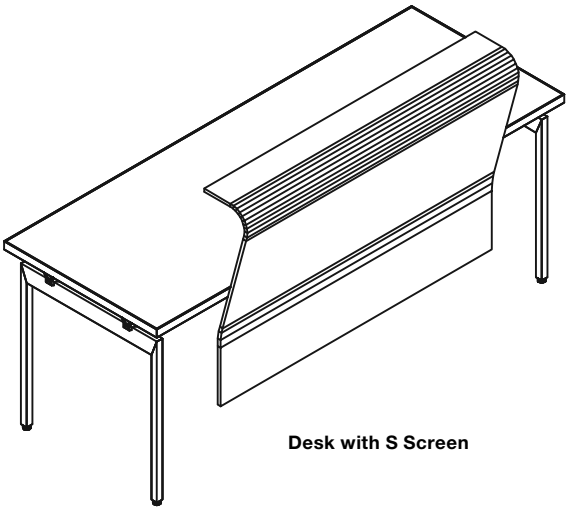
(F) 7436140



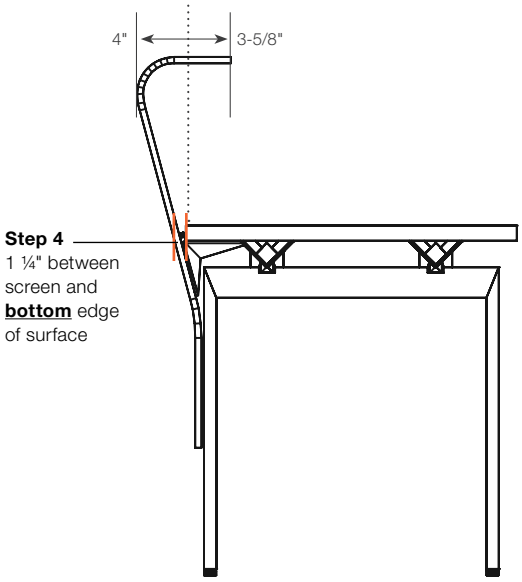
STEPS

1. Attach (2) mounting brackets (B) to the S Screen (A), using (4) ¼-20 x ½" flat head black machine screws (E) per bracket.
2. Peel the protective paper from **one side** of a two-side tape (D) to expose one of the adhesive sides, and affix to a spacer plate (C) between the spacer's holes.
3. Remove the paper backing from the other side of the two-side tape (D), and affix the spacer plate (C) to a mounting bracket (B), aligning the holes through the spacer plate and the bracket (B). Repeat steps 2 & 3 for the second mounting bracket (B).
4. With a second person to hold the screen, center the S screen assembly on the back of the desk or table and position so that the screen surface is 1 ¼" from the **bottom** edge of the table top.
5. Mark the hole positions on the underside of the worksurface with a pencil, then set the S screen aside.
6. Using a 1/8" drill bit, drill four pilot holes in the underside of the worksurface at the marked locations, taking care not to damage the top of the worksurface. Use a drill stop, if necessary.
7. Reposition the S screen at the back of the desk and attach the screen mounting bracket assemblies to the underside of the top using (4) #14 x 1 ¼" flat head black wood screws (F) per bracket.

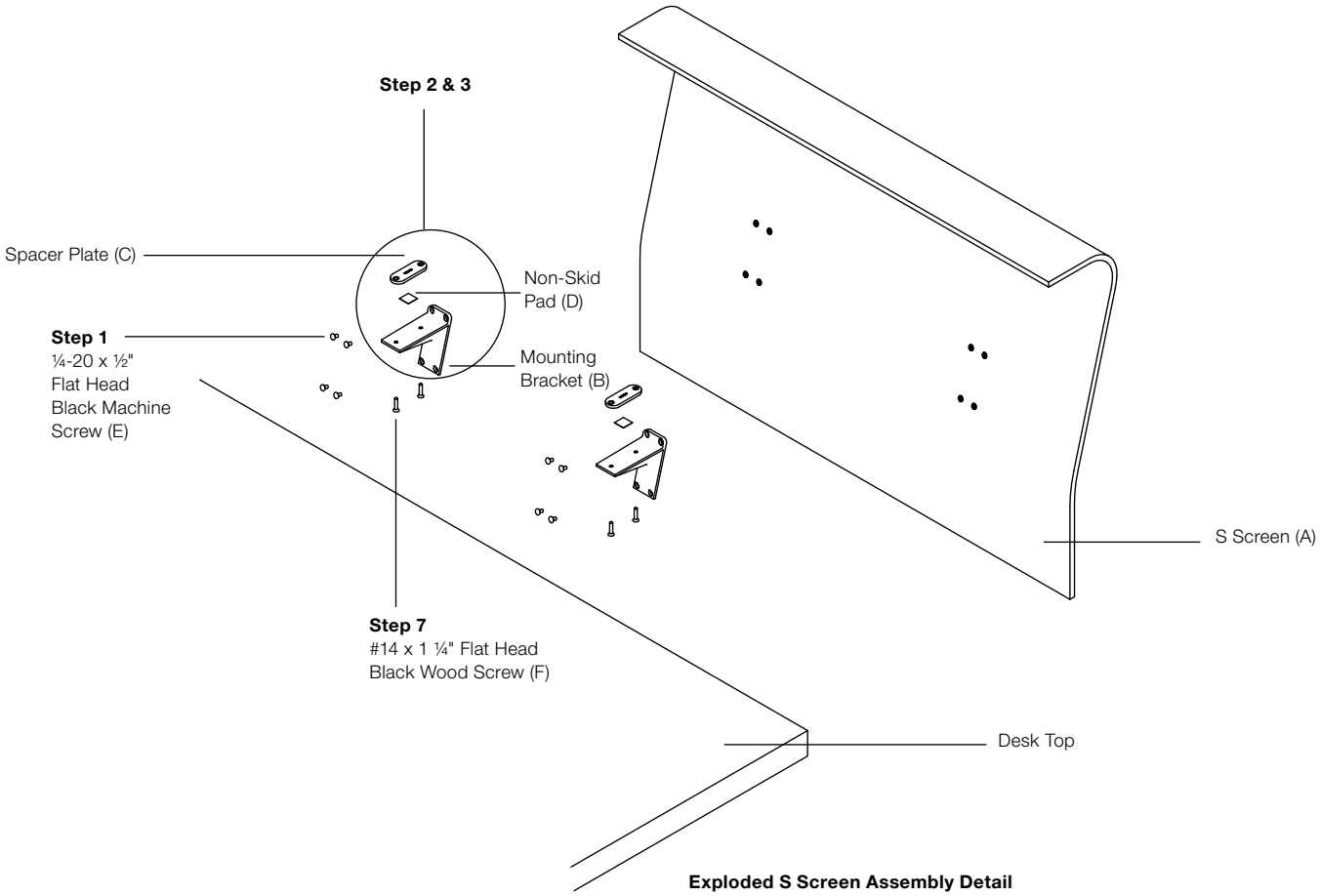
S Screens, continued



Desk with S Screen



Desk with S Screen End Elevation



Exploded S Screen Assembly Detail

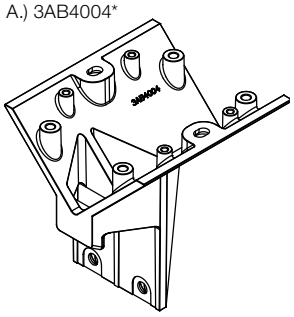
Desk Supported by 22 ½" High Template Storage

Pattern Numbers Represented:
22 ½"H Case Support Adapters, **YBATE22**
Legs for Desks or Returns (Desk Height), **YEL__**
Starter Rails with End Caps, **YBRS_**

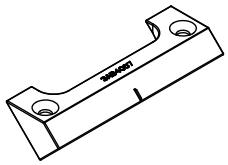
Part List:
Horizontal Rail Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
Desk to Pedestal Cradle (D)
Desk to Credenza Adapter Block (E)
#12 X ¾" Black Wood Screw (F)
¼-20 x 1" Machine Screw (G)
¼-20 x 5/8" Machine Screw (H)
5/16-18 x ¾" Machine Screw (I)
¼-14 x 7/8" Wood Screw (J)
#14 x 1" FH Wood Screw (K)
Rails
End Caps
Desk End Leg
Top

Tools Needed:
Drill
Phillips #2 and #3 bits
Install Gauge
Rubber Mallet

A.) 3AB4004*

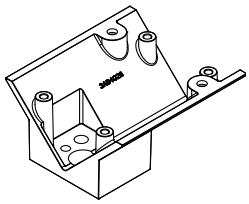


B.) 3AB4007*

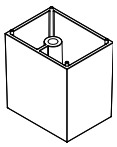


C.) 3AB401252

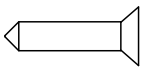
D.) 3AB4026*



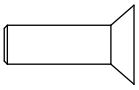
E.) 3AB4027*



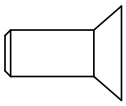
F.) 7196440



G.) 7194140

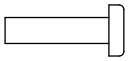


H.) 7189140



I.) 7060440

J.) 4A214020140

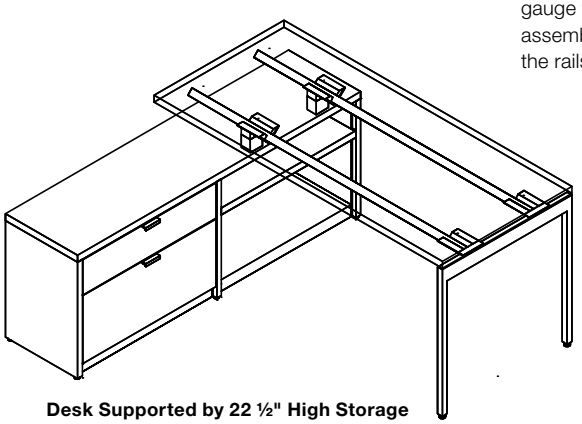


K.) 7434100

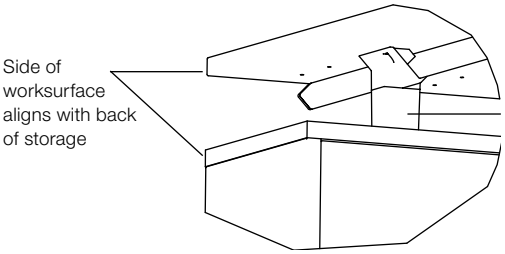
STEPS:

1. Attach (2) horizontal rail cradles (A) to the desk end leg using (2) ½-20 x 1" machine screws (G) per desk cradle (A).
2. Attach (1) pair of horizontal rails to cradles (A) by loosely fastening (2) cradle clamp brackets (B) to each cradle (A) using (4) ¼- 20 x 5/8" machine screws (H). Install end caps in all horizontal rails using the rubber mallet.

   NOTE: Rails are typically 3" shorter than the top length. Ex: 42" wide top uses 39" wide rail. Slide rail all the way through cradle/clamp assembly with rail paint holes facing up and toward center of the desk assembly. Use the installation gauge to determine the desk cradle location in relation to the end of the rails. Tighten the screws (H) in cradle clamp brackets (B).
3. Create (2) desk support adapter assemblies by using a 5/16-18 x ¾" machine screw (I) to attach desk to pedestal cradle (D) to desk to credenza adapter block (E).
4. Attach (2) desk support adapter assemblies to previously assembled credenza or floorstanding cabinet top using (2) ¼-14 x 7/8" wood screws (J). Note that the assemblies must be spaced apart from each other the same distance as the horizontal rail cradles attached to the desk end leg. See drilling pattern template for metal/ wood storage.
5. Join desk assembly to pedestal by laying rails onto desk support adapter assemblies created in step 4. Attach (2) cradle clamp brackets (B) loosely to desk support adapter assemblies using (4) ¼-20 x 5/8" machine screws (H) per assembly. Use the installation gauge to determine the desk support adapter assembly location in relation to the end of the rails. Tighten cradle clamp brackets (B).
6. Place desk top on base assembly and attach using (2) #14 x 1" FH wood screws (K) per cradle/desk support adapter. Screws should line up with the appropriate predrilled holes in the underside of the desk top.
7. Surfaces 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer (C) should be placed between the top of each rail and the underside of the top, centered on the width of the top. Spacers (C) are attached to the top using (1) #12 X ¾" black wood screw (F) per spacer.
8. Adjust leg and cabinet glides as needed to level assembly.

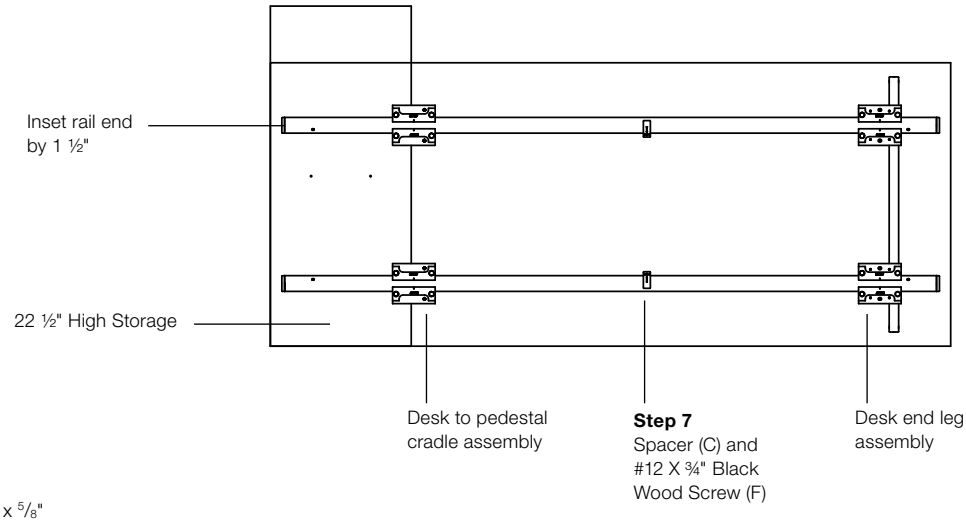


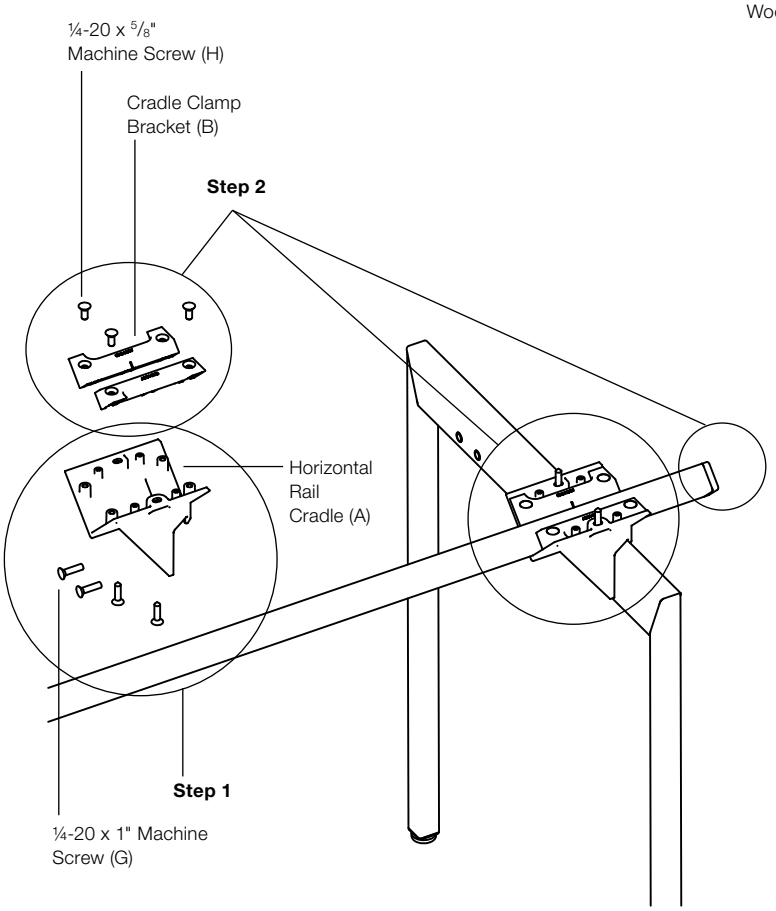
Desk Supported by 22 ½" High Storage



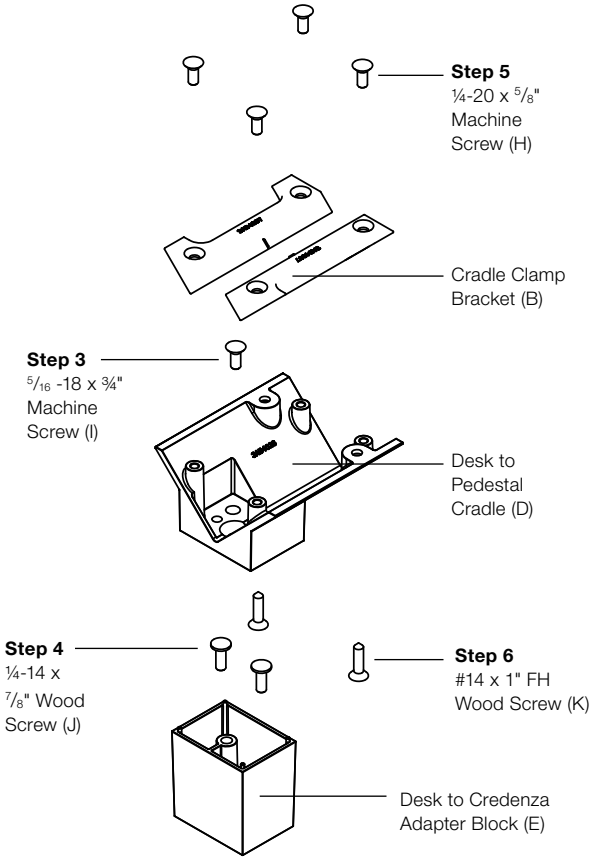
22" High Support Detail

Desk Supported by 22 ½" High Template Storage, continued





Exploded Desk End Leg Assembly Detail



Exploded Desk Support Adapter Assembly Detail

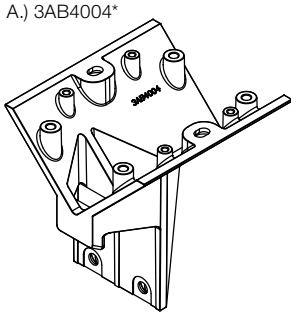
Desk Supported by 25" High Storage

Pattern Numbers Represented:
25"H Case Support Adapters, **YBATE25**
Legs for Desks or Returns
(Desk Height), **YEL**__
Starter Rails with End Caps, **YBRS**_

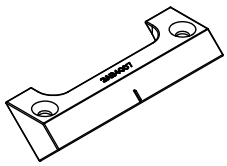
Part List:
Horizontal Rail Cradle (A)
Cradle Clamp Bracket (B)
Spacer (C)
Desk to Pedestal Cradle (D)
#12 X ¾" Black Wood Screw (E)
¼-20 x 1" Machine Screw (F)
¼-20 x 5/8" Machine Screw (G)
#10-32 x ¾" Self Tapping Screw (H)
#14 x 1" FH Wood Screw (I)
¼-14 x 7/8" Pan Head Black Wood Screw (J)
Rails
End Caps
Desk End Leg
Top

Tools Needed:
Drill
Install Gauge
Phillips #2 and #3 bits
Rubber mallet

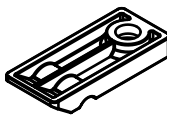
A.) 3AB4004*



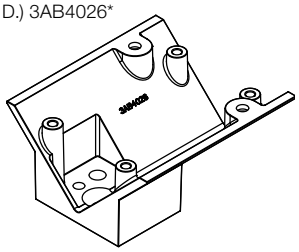
B.) 3AB4007*



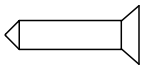
C.) 3AB401252



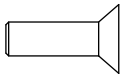
D.) 3AB4026*



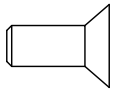
E.) 7196440



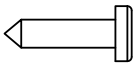
F.) 7194140



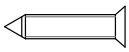
G) 7189140



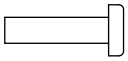
H.) 6AA454996



I.) 7434100



J.) 4A214020140



STEPS:

1. Attach (2) horizontal rail cradles (A) to the desk end leg using (2) ½-20 x 1" machine screws (F) per cradle (A).
2. Attach (1) rail to each cradle (A) by loosely fastening (2) cradle clamp brackets (B) to each cradle using (4) ¼-20 x 5/8" machine screws (G). Install end caps in all horizontal rails using rubber mallet.

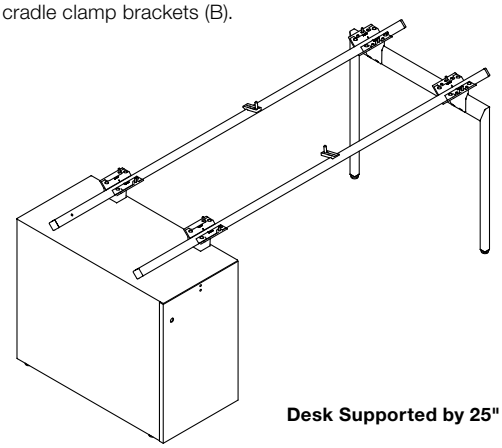
   NOTE: Rails are typically 3" shorter than the top length. Ex: 42" wide top uses 39" wide rail.

   For both rails, slide rail through cradle/clamp assembly with rail paint holes facing up and toward center of the desk assembly. Use install gauge to locate the leg position on the rail. See Install Gauge Guidelines. Tighten the screws (G) in cradle clamp brackets (B).

3a. For metal pedestals:
Attach (2) desk to pedestal cradles (D) to pedestal using (1) #10-32 x ¾" self tapping screw (H) per desk to pedestal cradle (D). For each cradle, utilize the screw hole toward the outside the rails and toward the inside of the storage.

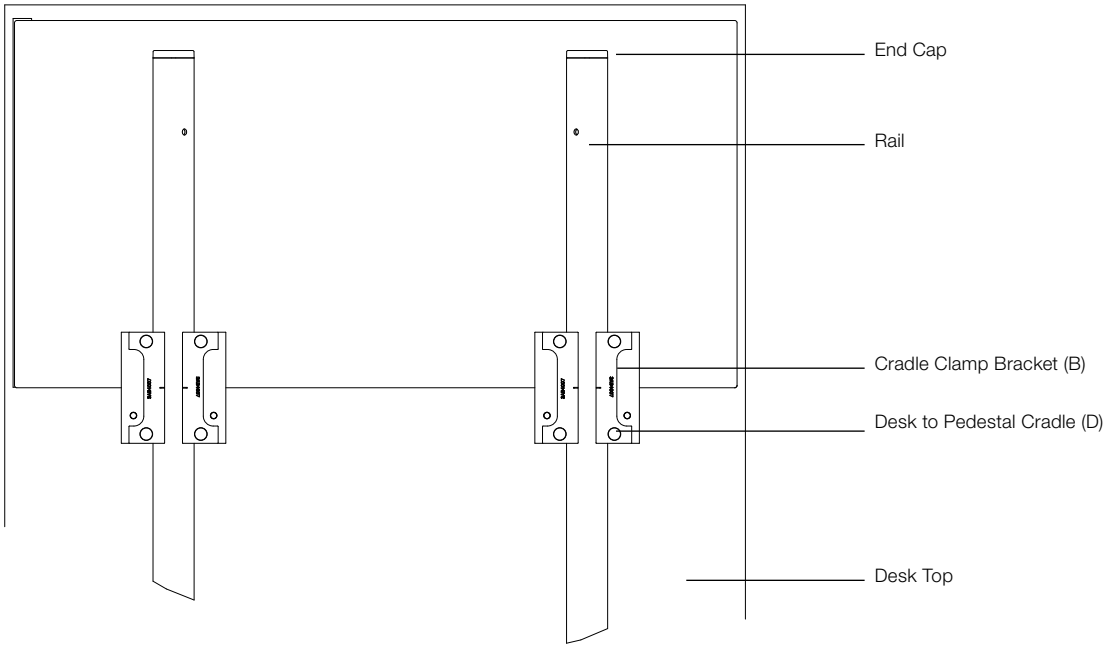
3b. For wood storage or Template tops:
Attach (2) desk to pedestal cradles (D) to wood storage or Template top using (2) ¼-14 x 7/8" pan head black wood screws (J) per desk to pedestal cradle (D). For each cradle, utilize the two screw holes closest to the end of the rails. Use drilling guidelines to locate desk to pedestal cradle position. See drilling pattern template for metal/ wood storage.

4. Join leg assembly to pedestal by laying rails onto desk to pedestal cradles (D). Attach (2) cradle clamp brackets loosely to desk to pedestal cradles (D) using (4) ¼-20 x 5/8" machine screws (G) per cradle (D). Use the installation gauge to properly position the desk to pedestal cradle position in relation to the end of the rails. Tighten cradle clamp brackets (B).
5. Place desk top on base assembly and attach using (2) #14 x 1" FH wood screws (I) per cradle/desk support adapter. Screws should line up with the appropriate pre-drilled holes in the underside of the desk top. Side of desk top should align with the side of the storage.
6. Unsupported rail portions 48" wide and greater require a spacer (C) for additional support. When necessary, a spacer (C) should be placed between the top of each rail and the underside of the top, centered on the width of the top. Spacers (C) are attached to the top using (1) #12 X ¾" black wood screw (E) per spacer.
7. Adjust leg and pedestal glides as needed to level assembly.

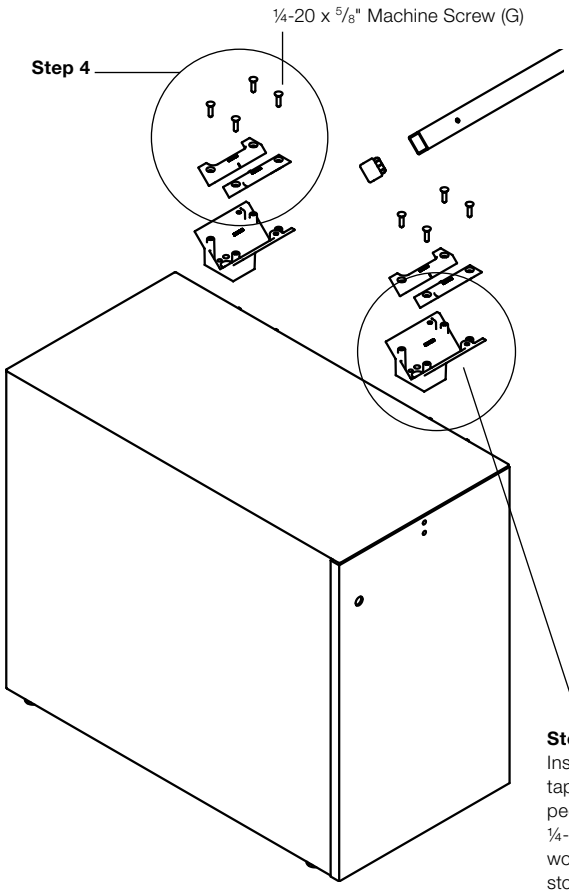


Desk Supported by 25" High Storage

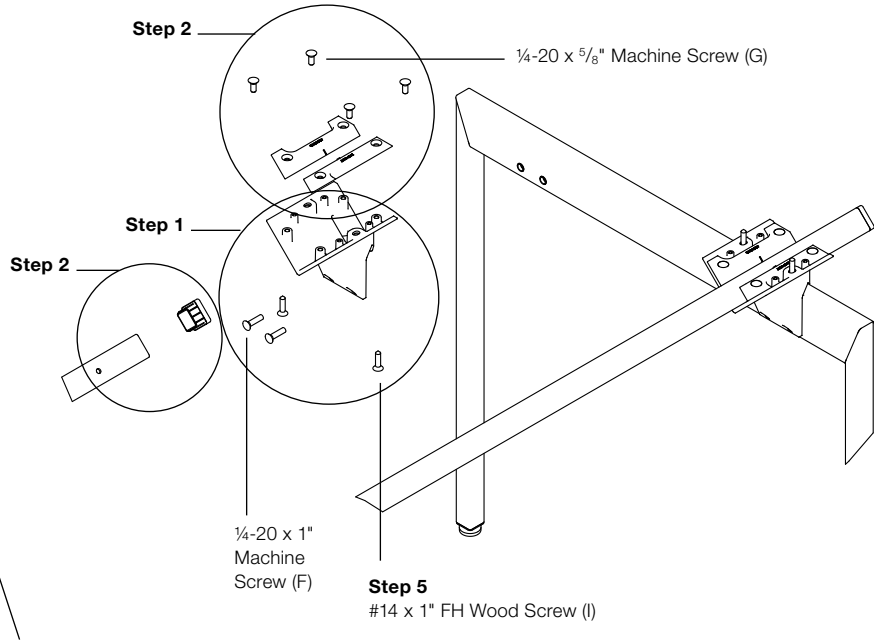
Desk Supported by 25" High Storage, continued



Desk Supported by 25" High Storage Plan Detail



Exploded Desk Support Adapter Assembly Detail



Exploded Desk End Leg Assembly Detail

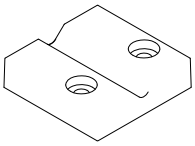
Pedestal Positioning Brackets

Pattern Numbers Represented:
YSFA

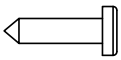
Parts List:
Pedestal Positioning Bracket (A)
#10-32 x ¾" Self Tapping Screw (B)
25"H Pedestal
Desk Assembly or
Big Table Assembly or
Bridge Assembly

Tools Needed:
Drill
Phillips #3 bit
Double Stick Tape (optional)

(A) 3AB4099*



(B) 6AA454996



STEPS

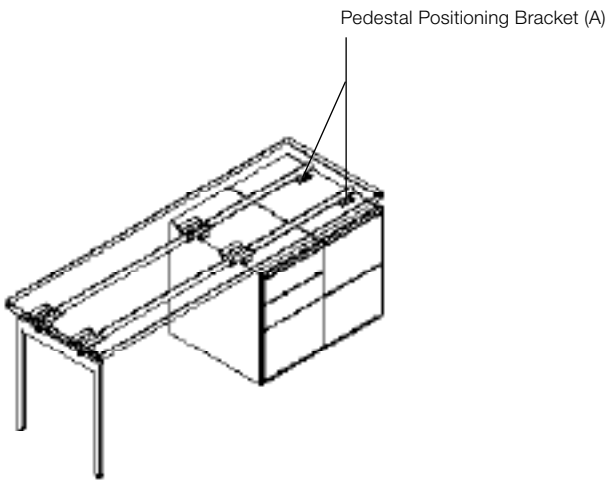
1. Build desk, bridge, or big table assembly (see desk, table desk with bridge or big table assembly instructions).
2. Position the 25"H pedestal under the rails of the assembly in the desired location (i.e. adjacent to a supportive leg or pedestal.)
3. Temporarily slide (1) pedestal position bracket (A) between the bottom of each rail and the top of the pedestal. Take note of the holes in the pedestal top that correspond with the holes in the (2) brackets (A).

   Note: If there are no corresponding holes in the pedestal top, mark the bracket locations with a pencil.
4. Remove the pedestal position brackets and slide the pedestal out from beneath the rails.
5. Attach the (2) pedestal positioning brackets to the top of the pedestal using (1) #10-32 x ¾" self tapping screw (B) per bracket in the holes previously noted.

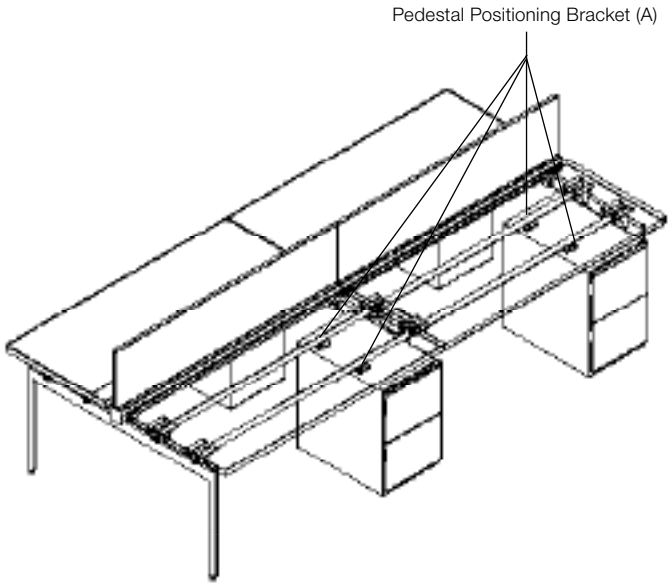
   Note: If there were no corresponding holes, the pedestal positioning brackets may be adhered to the pedestal top in their marked positions with double stick tape.
6. Raise the glides under the pedestal until they are fully inserted into the pedestal case. Slide the pedestal back into its desired position under the rails.

   Note: You may have to lift the desk assembly slightly to clear the underside of the rails.
7. Adjust the glides under the pedestal to raise and level the pedestal, and to engage the pedestal positioning brackets fully with the underside of the rails.

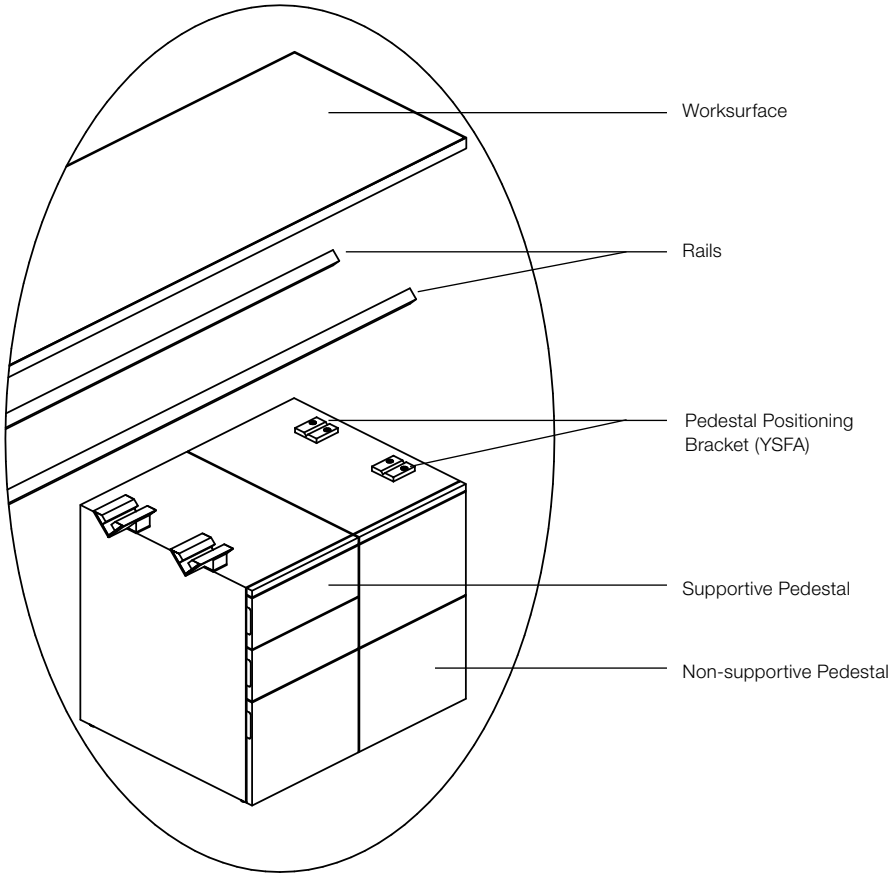
Pedestal Positioning Brackets, continued



Desk Supported by Floorstanding Pedestals



Big Table with Non-Supporting Floorstanding Pedestals



Exploded Detail of Assembled Pedestal Positioning Bracket

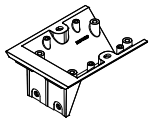
Desk Supported by 28" High Template Storage

Pattern Numbers Represented:
28"H Case or Worksurface Shelf Support Adapters, **YBATE28**
Legs for Desks or Returns (Desk Height), **YEL**__
Starter Rails with End Caps, **YBRS**_

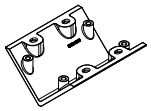
Parts List:
Table Desk Cradle (A)
Rail End Support Cradle (B)
Cradle Clamp Bracket (C)
Spacer (D)
#12 X ¾" Black Wood Screw (E)
W-Bracket (F)
¼-20 x 1" Machine Screw (G)
¼-20 x 5/8" Machine Screw (H)
#14 x 1" FH Wood Screw (I)
Flat Bracket (J)
Table Desk End Leg
Rails
End Caps
Template Case with Shelf
Desk Top

Tools Needed:
Drill
Phillips #2 and #3 bits

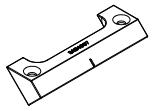
(A) 3AB4069*



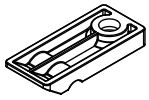
(B) 3AB4015*



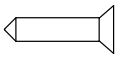
(C) 3AB4007*



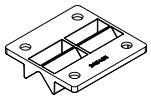
(D) 3AB401252



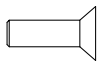
(E) 7196440



(F) 3AB4095*

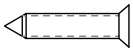


(G) 7194140

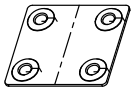


(H) 7189140

(I) 7434100



(J) 3AB4074115



STEPS

1. Confirm position of supportive shelf in previously installed Template unit. The top surface of the shelf should be positioned at 28 ½".
2. Attach (2) table desk cradles (A) to the table desk end leg using (2) ¼-20 x 1" machine screws (G) per cradle (A).
3. Attach 1 rail (YBER_ _) to each cradle (A) by first fastening 2 cradle clamp brackets (C) loosely to each cradle using (4) ¼-20 x 5/8" machine screws (H).

   NOTE: Rails are 6" longer than the desk top width when connected to a supportive Template case.

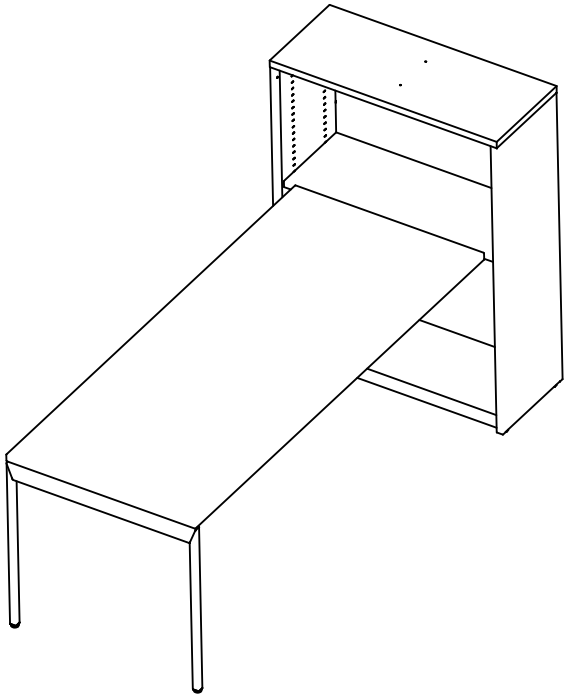
   For both rails, slide rail into cradle/clamp assembly with rail paint holes facing up and toward center of return assembly.

   NOTE: End of rail must be fully inserted against (not on top of) the "fins" at the back of the cradle.

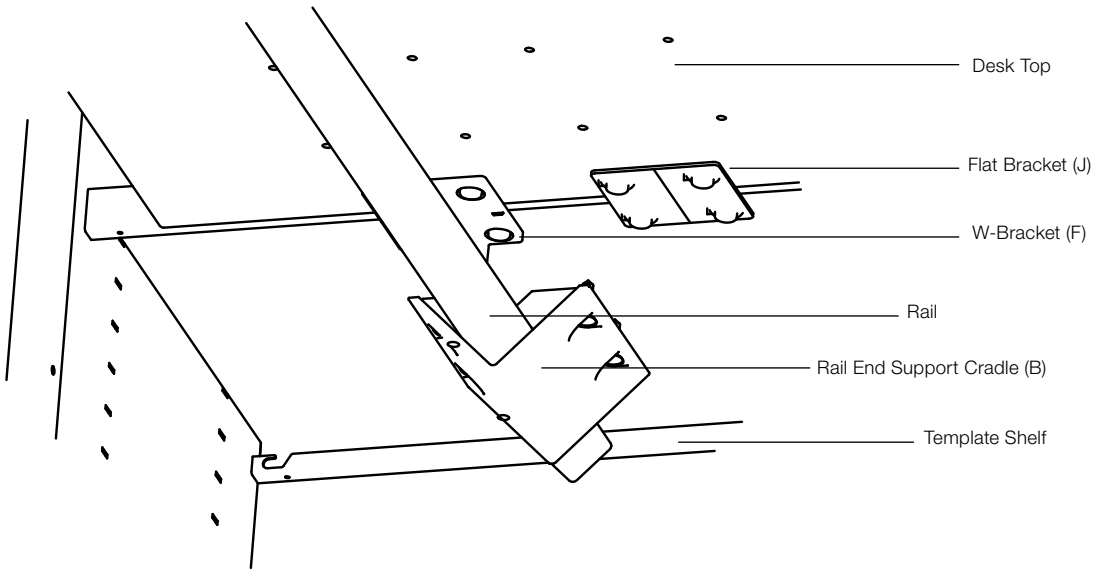
   Tighten the screws (H) in the cradle clamp brackets (C).
4. Insert (1) end cap onto the opposite end of each rail with rubber mallet.
5. Fasten (1) rail end support cradle (B) under the free end of each return rail with (2) cradle clamp brackets (C) using (4) ¼-20 x 5/8" machine screws (H). The rail end support cradles should be positioned at the ends of the rails.

   Fully tighten the screws (H) in the cradle clamp brackets (C).
6. Attach (2) flat brackets (J) halfway under the supportive Template shelf using (2) #14 x 1" FH wood screws (I) per flat bracket. This will help support the worksurface/ leg assembly for positioning purposes in the next steps.
7. Position the attached rail end support cradles (B) under the supportive Template shelf and place a W-bracket (F) on each rail halfway under the shelf.
8. Attach the rail end support cradles to the supportive shelf using (4) #14 x 1" FH wood screws (I) per cradle.
9. If applicable, add suspended storage units at this time. (See suspended storage installation instructions.)
10. Surfaces 48" wide and greater require a spacer (D) for additional support. When necessary, a spacer (D) should be placed between the top of each rail and the underside of the desk top, centered on the width of the desk top. Spacers (D) are attached to the desk top using (1) #12 X ¾" black wood screw (E) per spacer.
11. Lay desk top on rail/leg assembly. Use gauge to properly position top. See Install Gauge Guidelines. Attach desk top using (2) #14 x 1" FH wood screws (I) per cradle into pre-drilled holes in the underside of the desk top.
12. Secure supportive shelf and desk top to rail W-brackets, using (4) #14 x 1" FH wood screws (I) per W-bracket.
13. Complete the top to shelf connection by securing the (2) flat brackets (J), installed in step 6, under the top/shelf seam using (2) additional #14 x 1" FH wood screws (I) per flat bracket.
14. Adjust the glides on the Template case or the table desk end leg as needed to level the assembly.

Desk Supported by 28" High Template Storage, continued

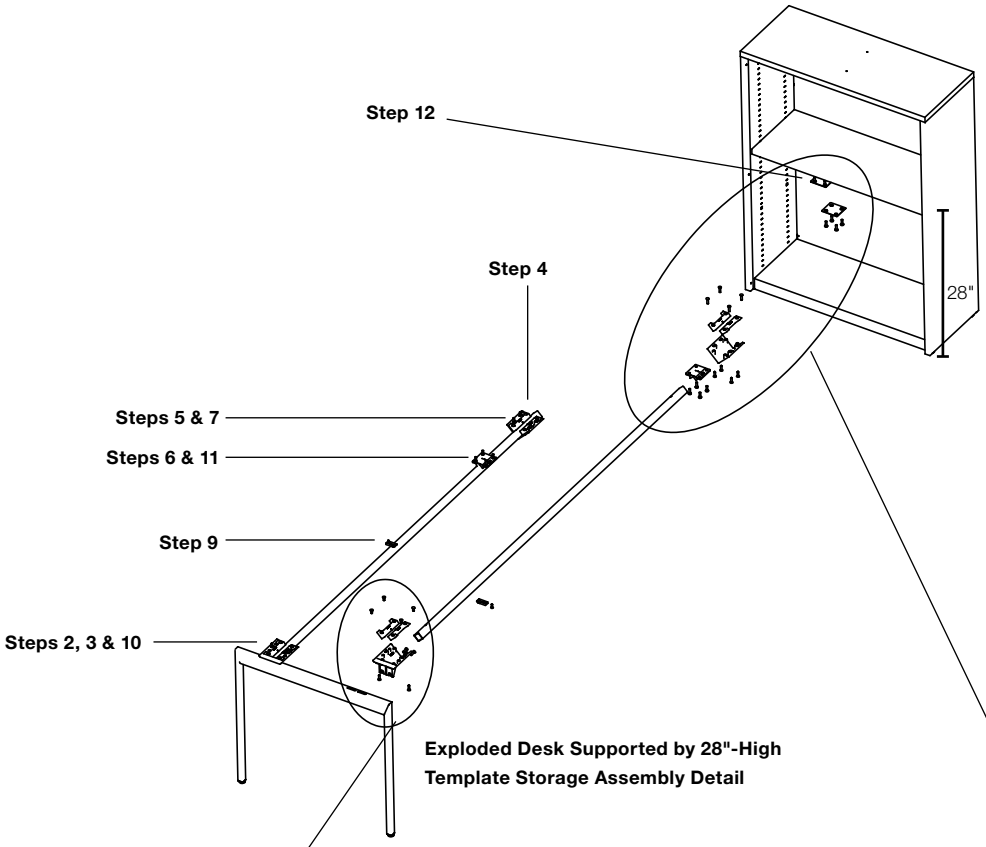


Assembled Desk Supported by 28" High Template Storage

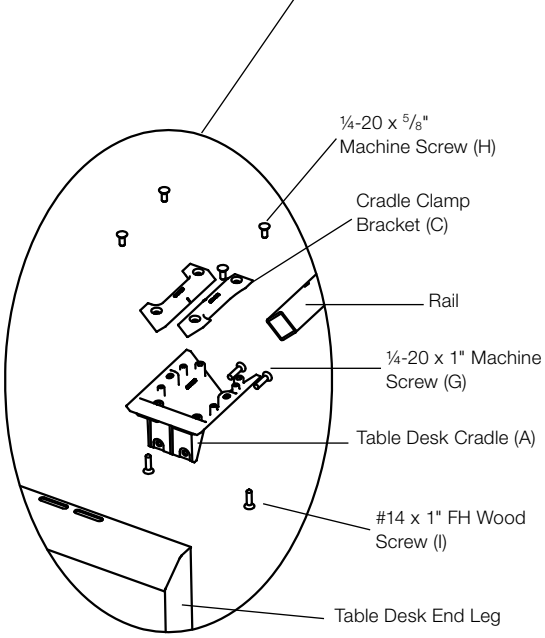


Interior View from Below Showing Top-to-Shelf Connection

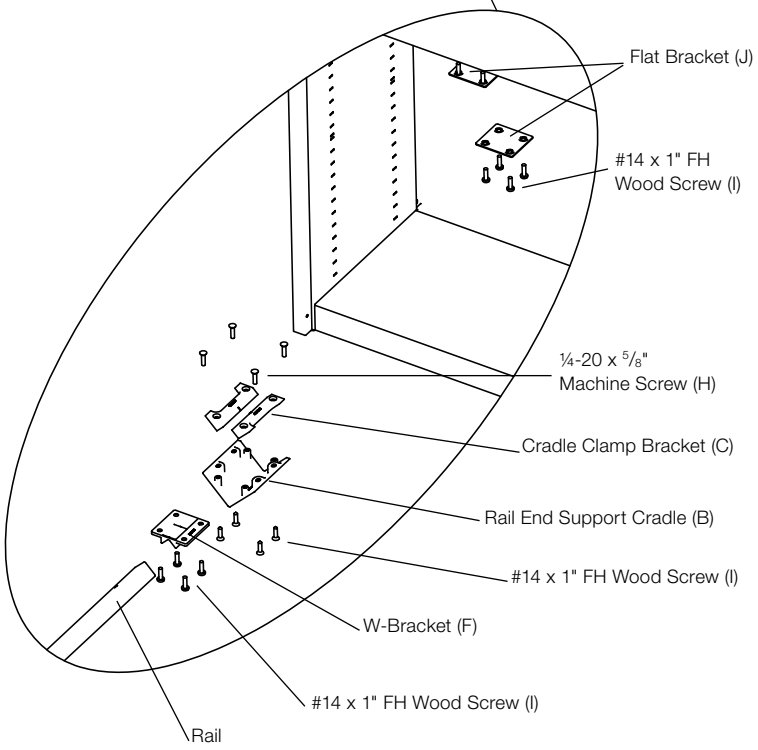
Desk Supported by 28" High Template Storage, continued



Exploded Desk Supported by 28"-High Template Storage Assembly Detail



Exploded Cradle/Rail/End Leg Connection Detail



Exploded Shelf Connection Bracketry Detail

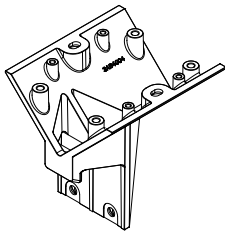
Big Table with 22"H Template End Support

Pattern Numbers Represented:
Support Adapters for Big Table - 22"H Case, **YBATBT22**

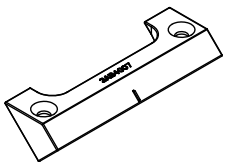
Parts List:
Horizontal Rail Cradle (A)
Cradle Clamp Bracket (B)
Center Beam Mounting Bracket (C)
Center Beam Mounting Bracket C-Clamp (D)
Spring Slot Nut (E)
¼-20 x 1" Machine Screw (F)
¼-20 x 5/8" Machine Screw (G)
#14 x 1" FH Wood Screw (H)
M6 X 25mm Machine Screw (I)
Big Table Leg Adapter Bar (J)
Center Beam
Rails
End Caps
Tops

Tools Needed:
Drill
Phillips #2 and #3 bits
Rubber Mallet
Install Gauge

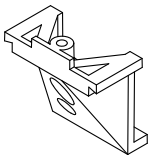
(A) 3AB4004*



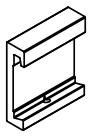
(B) 3AB4007*



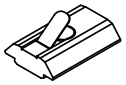
(C) 3AB4061*



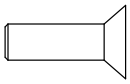
(D) 3AB4062*



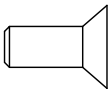
(E) 3AB402196



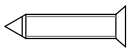
(F) 7194140



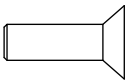
(G) 7189140



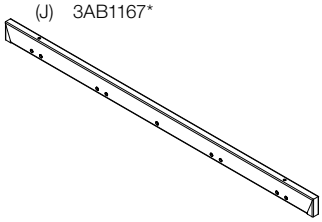
(H) 7434100



(I) 3AB405540



(J) 3AB1167*



STEPS

Note: These steps include instructions for the big table assembly as it relates to supportive 22"H Template storage and the use of the YBATBT22 adapter. For additional assembly steps see Big Table with Intermediate Leg instructions.

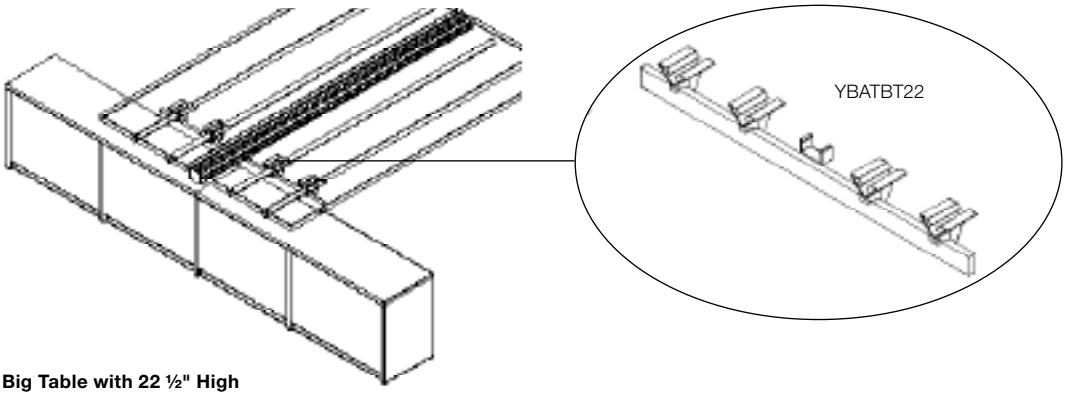
1. Attach (4) cradles (A) to the big table leg adapter bar (J), using (2) ¼-20 x 1" machine screws (F) per cradle (A).
2. Attach the center beam mounting bracket (C) to the middle of the adapter bar (J) using (1) ¼-20 x 1" machine screw (F).
3. Prepare end leg or intermediate leg assemblies, as necessary, at this point. (See Big Table Intermediate Leg instructions.)
4. Fasten (2) cradle clamp brackets (B) loosely to each cradle using (4) ¼-20 x 5/8" machine screws (G). Slide one end of each rail into the adapter bar/cradle/clamp assembly, with rail paint holes facing up and toward the center of the assembly. If glass tops are being used, holes are to face down and toward the center of the table desk assembly.

   NOTE: Starter rails are typically 3" shorter than top width. i.e.: 72" wide tops use 69" wide rails.
5. Position the outer edge of the adapter cradles approximately 12 ½" from the ends of the rails (so the side of the top will align with the back of the Template unit.) DO NOT TIGHTEN the screws (G) in the cradle clamp brackets (B) yet.
6. Install (4) end caps into the outside ends of the starter rails with a rubber mallet.
7. Rest the adapter bar/rail assembly on top of the previously assembled and leveled Template units, aligning the inside face of the adapter bar with the front edge of the Template unit.

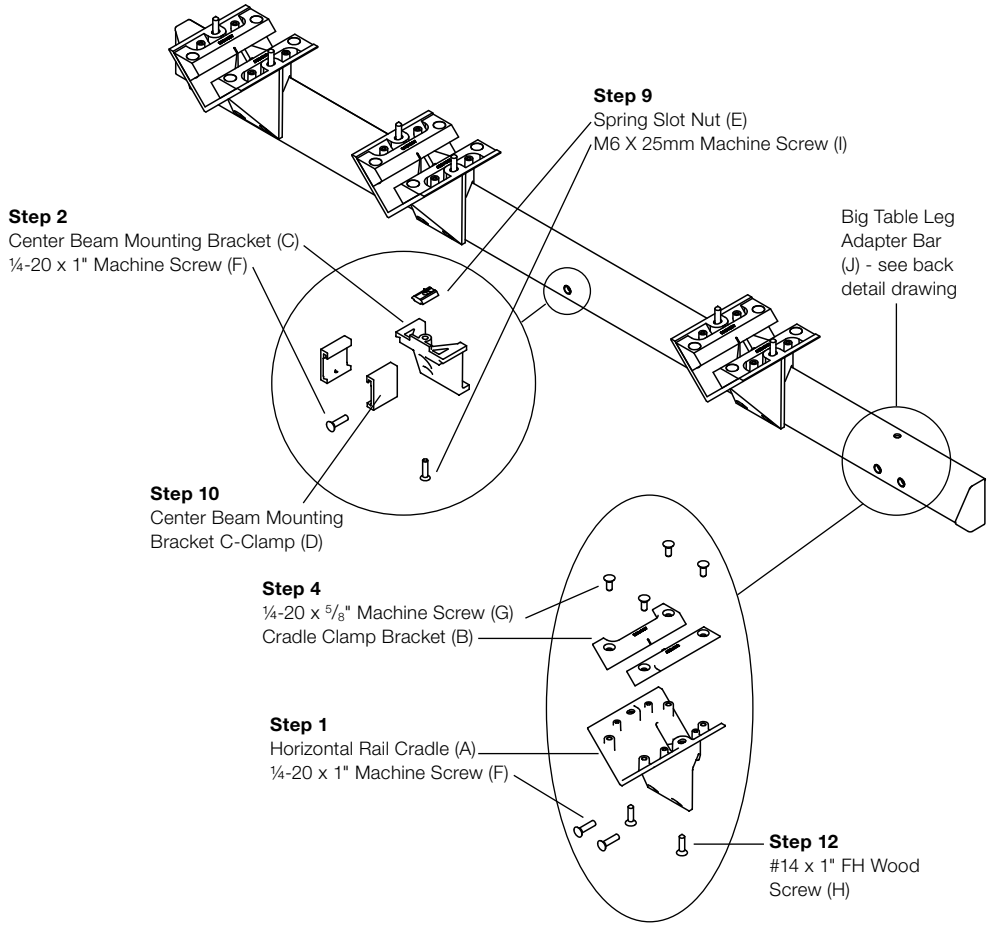
   The ends of the rails should be 1 ½" from the back edge of the Template unit.

   Adjust the cradle positions on the rails as necessary to achieve alignment and then tighten the screws (G) in the cradle clamp brackets (B).
8. Follow the steps on the Big Table Intermediate Leg instructions for rail connection details to any intermediate legs, end legs, and additionally linked rails. Install end caps with a rubber mallet on the opposite ends of the rails.
9. Place center beams on center mounting brackets (C). The end of the center beam should align with the back edge of the Template unit. Place spring nuts (E) in bottom slot of center beam. Locate each spring nut (E) directly above the hole in each center mounting bracket (C) and attach using (1) M6 x25mm machine screw (I) per nut.
10. Slide center beam mounting bracket C-clamps (D), (2) per center beam mounting bracket (C), into slots on center beam, pushing the C-clamps tightly against the mounting brackets (C).
11. Using (4) #14 x 1" FH wood screws (H), attach the adapter bar to the top of the Template unit.
12. Lay tops on base assembly. Use install gauge to properly position tops. See Install Gauge Guidelines. Attach tops using (2) #14 x 1" FH wood screws (H) per cradle (A).
13. Secure flat brackets and spacers, as required. (See Big Table Intermediate Leg instructions for recommendations.)
14. Install center beam end caps, as needed, to finish beam ends. (See Center Beam End Cap instructions.)
15. Adjust glides as needed to level big table assembly.

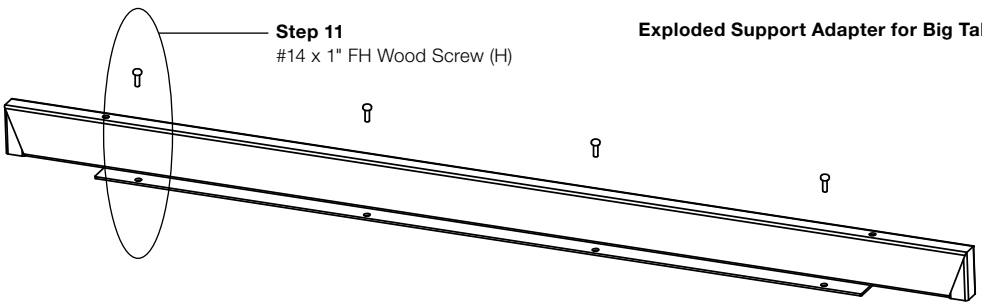
Big Table with 22"H Template End Support, continued



Big Table with 22 ½" High Template End Support



Exploded Support Adapter for Big Table - 22"H Case, YBATBT22



Back Detail of Big Table Leg Adapter Bar (J)

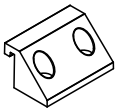
Big Table with 25"H Template End Support

Pattern Numbers Represented:
Support Adapters for Big Table - 25"H Case **YBATBT25**

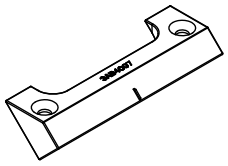
Parts List:
Center Beam to Template Mounting Bracket (A)
Cradle Clamp Bracket (B)
Desk to Pedestal Cradle (C)
¼-14 x 7/8" Wood Screw (D)
¼-20 x 5/8" Machine Screw (E)
#14 x 1" FH Wood Screw (F)
Drill Template (G)
Center Beam
Rails
End Caps
Tops

Tools Needed:
Drill
Phillips #2 and #3 bits
Rubber Mallet
Install Gauge

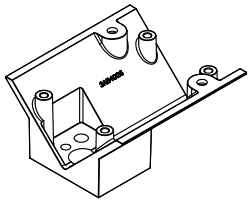
(A) 3AB4174*



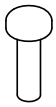
(B) 3AB4007*



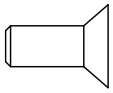
(C) 3AB4026*



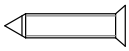
(D) 4A214020140



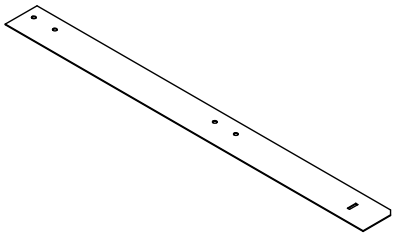
(E) 7189140



(F) 7434100



(G) 3AB417395



STEPS

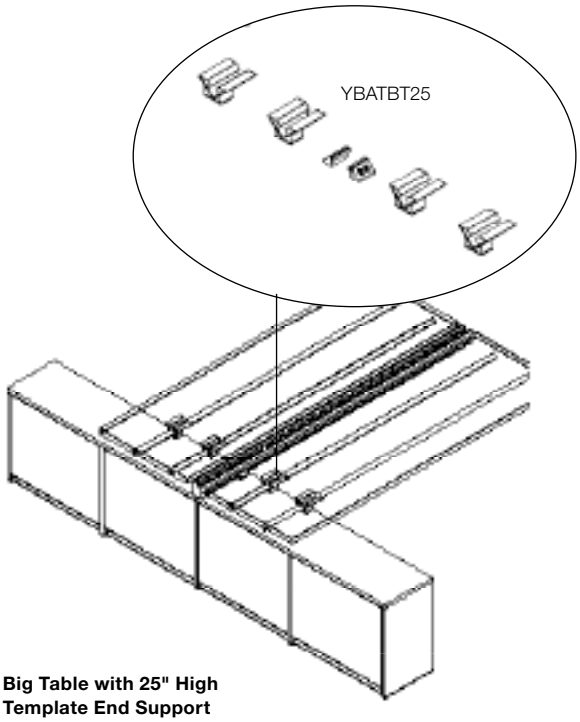
Note: These steps include instructions for the big table assembly as it relates to supportive 25"H Template or Antenna wood cabinets and the use of the YBATBT25 adapter. For additional assembly steps see Big Table with Intermediate Leg instructions.

1. Attach (4) desk to pedestal cradles (C) to previously assembled and leveled Template or Antenna 25"H cabinet top using (2) ¼-14 x 7/8" wood screws (D) per desk support cradle (C). Use the drill template (G) to locate the cradle positions.
2. Prepare end leg or intermediate leg assemblies, as necessary, for support of the big table end opposite the 25"H storage. (See Big Table Intermediate Leg instructions.)
3. Fasten (2) cradle clamp brackets (B) loosely to each desk to pedestal cradle (C) using (4) ¼-20 x 5/8" machine screws (E). Slide one end of (4) rails into the cradles, with rail paint holes facing up and toward the center of the assembly. If glass tops are being used, holes are to face down and toward the center of the big table assembly.

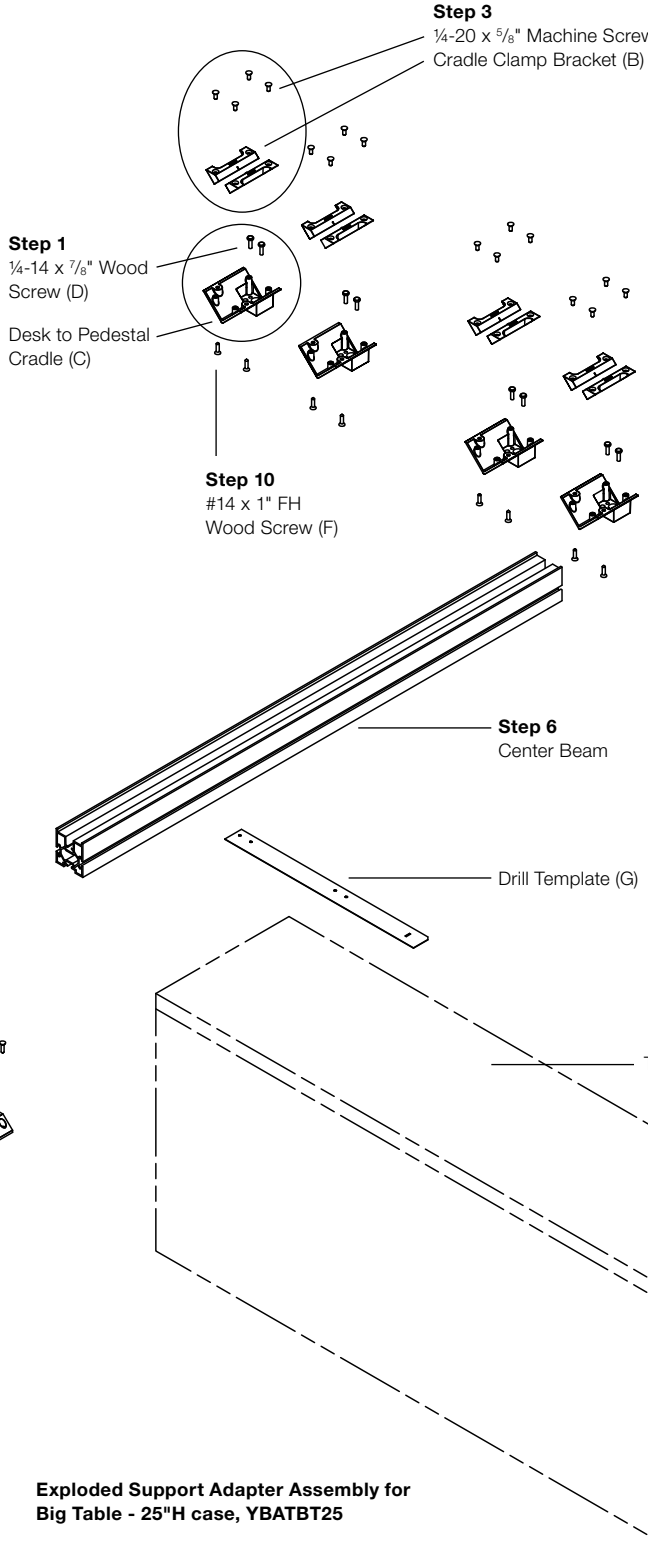
   NOTE: Starter rails are typically 3" shorter than top width. i.e.: 72" wide tops use 69" wide rails.

   Position the ends of the rails so they are 1 ½" from the back edge of the Template unit. Tighten the screws (E) in the cradle clamp brackets (B).
4. Install (4) end caps into the outside ends of the starter rails with a rubber mallet.
5. Follow the steps on the Big Table Intermediate Leg instructions for rail connection details to any intermediate legs, end legs, and additionally linked rails. Install end caps with a rubber mallet on the opposite ends of the rails.
6. Place center beams into position on top of the Template or Antenna 25"H unit. The end of the beam should align with the back of the storage unit.
7. Follow the steps on the Big Table Intermediate Leg instructions for beam connection details to any intermediate legs, end legs, and additionally linked beams.
8. Hook (1) aluminum bracket (A) onto each side of the beam on top of the 25"H storage unit, so that inside of each bracket aligns with the front of the storage unit.
9. Using (2) #14 x 1" FH wood screws (F) per bracket (A), attach the brackets to the top of the storage unit, securing the beam's location.
10. Lay tops on base assembly. Use install gauge to properly position tops. See Install Gauge Guidelines. Attach tops using (2) #14 x 1" FH wood screws (F) per desk to pedestal cradle (B).
11. Secure flat brackets and spacers, as required. (See Big Table Intermediate Leg instructions for recommendations.)
12. Install center beam end caps, as needed, to finish beam ends. (See Center Beam End Cap instructions.)
13. Adjust glides as needed to level big table assembly.

Big Table with 25"H Template End Support, continued



Big Table with 25" High Template End Support



Exploded Support Adapter Assembly for Big Table - 25"H case, YBATBT25

Laptop Drawer and Cable Net

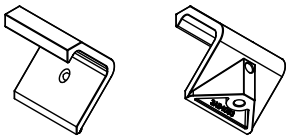
Pattern Numbers Represented:
Laptop Drawer, **YSAD_G**
Drawer Pad, **YSADPAD_**
Cable Net, **YSAD_NET**

Parts List:
Storage Hanging Bracket (A)
¼ - 20 x ½" Machine Screw with Washer (B)
¼- 20 x 3/8" Set Screw (C)
Grommet (D)
Laptop Drawer Assembly
Lock Assembly
Drawer Liner (optional)

Additional Parts for Cable Net:
Cord Netting (E)
#8 x ½" Machine Screw (F)

Tools Needed:
Drill
Phillips #2 and #3 bits
1/8" Allen Key

(A) 3AB4063*

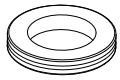


Note: two views of bracket shown

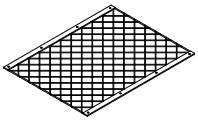
(B) 7252140

(C) 4A2200740

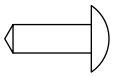
(D) 3AB8080



(E) 3AB018502 (Shown for 21"D drawer)
3AB018501 (For 27"D drawer)



(F) 4A22194



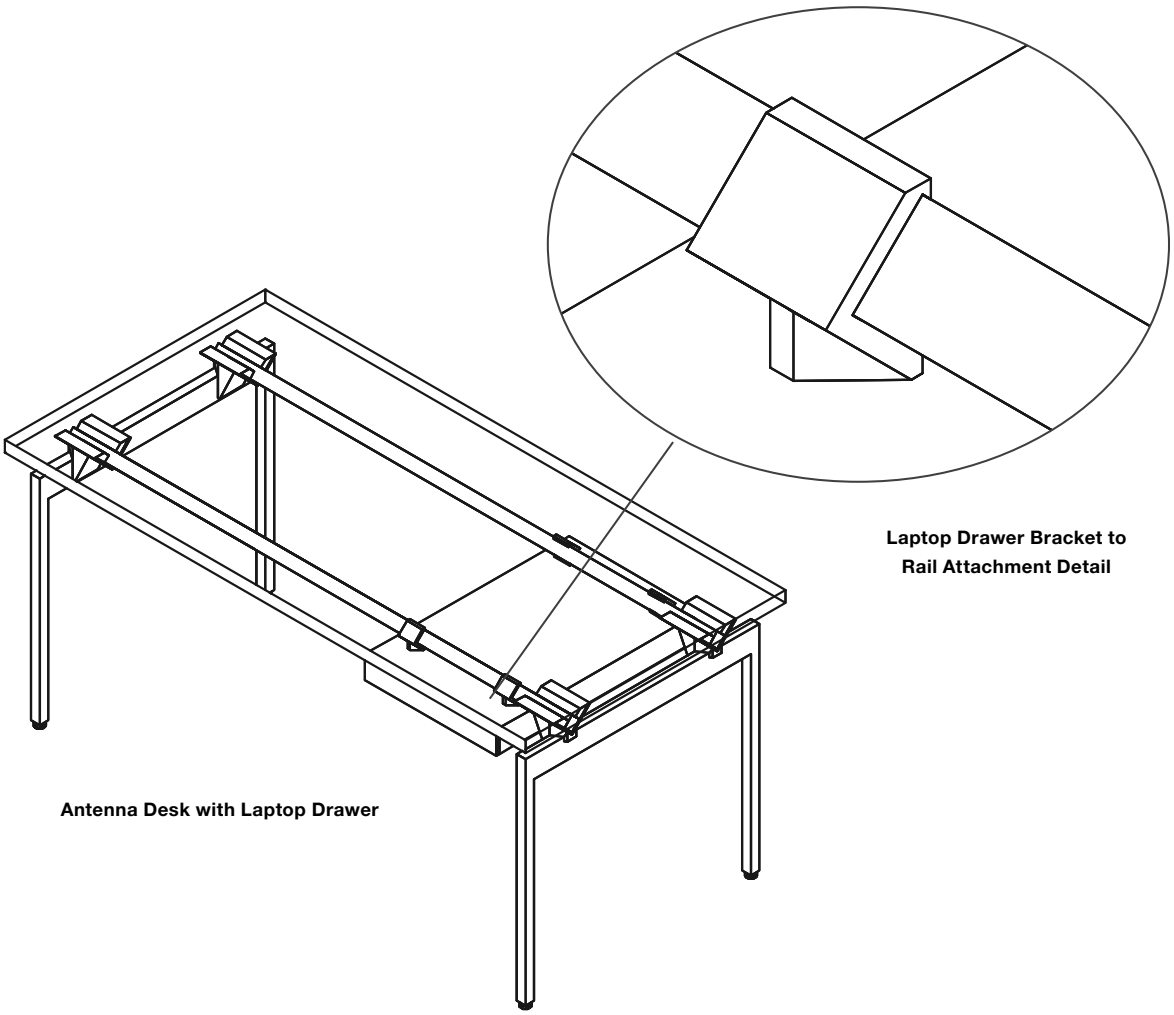
LAPTOP DRAWER INSTALLATION STEPS

1. Suspended storage should be attached prior to the top being fastened to the base assembly.
2. Remove the drawer from the laptop drawer assembly and set aside.
3. Attach (4) storage hanging brackets (A) loosely to the top of the laptop drawer case using (4) ¼ - 20 x ½" machine screws with washers (B). They should be loose enough to easily slide along the horizontal rails.
4. Place the attached hanging brackets (A) around and on the rails. Determine the position for the laptop drawer, and slide the laptop case along the rails into position.
5. Once the laptop case is correctly positioned, tighten the machine screws (B).
6. Use (4) set screws (C) to secure the hanging brackets into position on the rails.
7. Insert (2) grommets (D) into the holes at the back of the laptop drawer with the injection nubs facing down.
8. (Optional) Place drawer liner into laptop drawer, taking care to line the grommet holes in the liner up with the holes in the drawer.
9. Replace the laptop drawer, along its slides into its case.
10. Install laptop drawer lock assembly. (See lock assembly instructions for details.)

Additional Steps for Cable Net Installation:

11. Stretch the cord netting (E) along the bottom of the laptop drawer case, so the holes in the sides of the netting align with the holes in the bottom of the case, and attach using #8 x ½" machine screws (F). A 21" drawer net will require (8) screws. A 27" drawer net will require (10) screws.

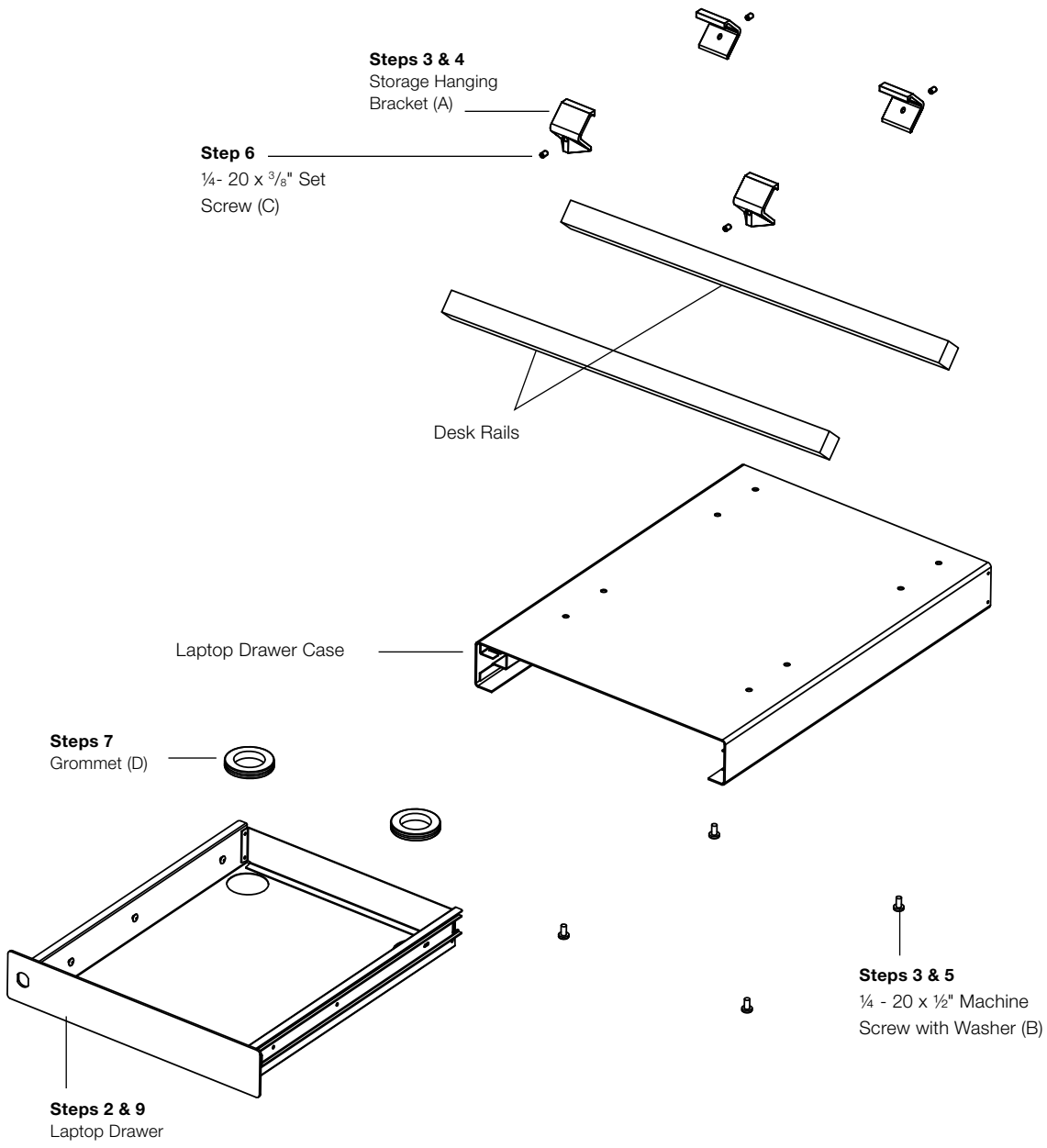
Laptop Drawer and Cable Net, continued



Laptop Drawer Bracket to Rail Attachment Detail

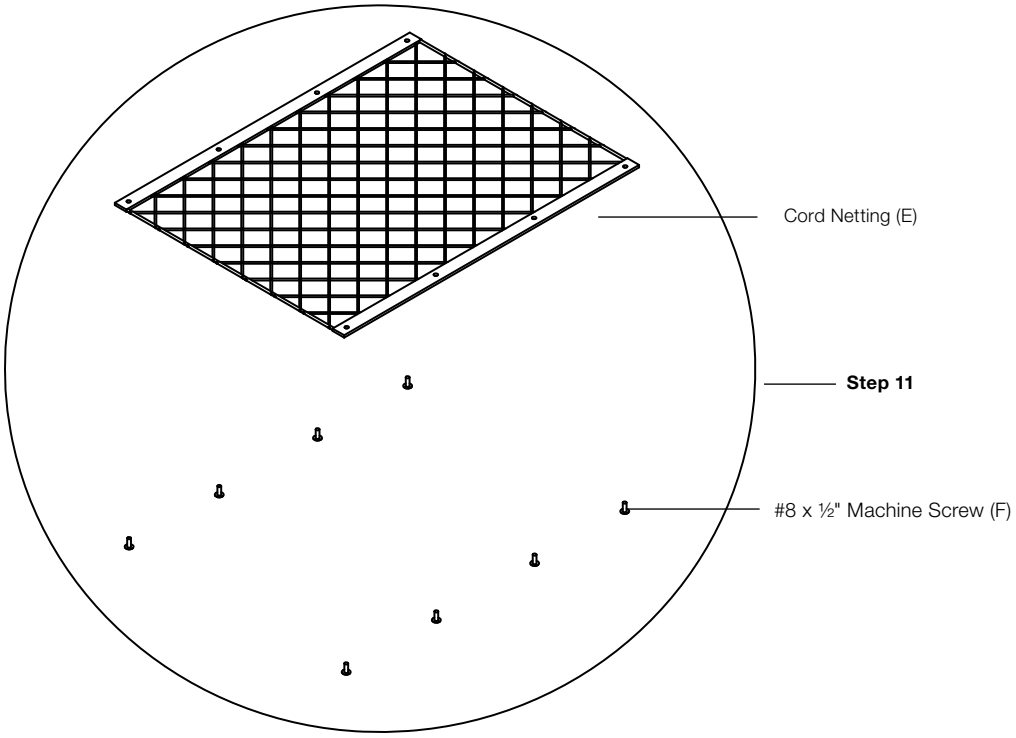
Antenna Desk with Laptop Drawer

Laptop Drawer and Cable Net, continued



Exploded Laptop Drawer Assembly

Laptop Drawer and Cable Net, continued



Exploded Cable Net Attachment Detail

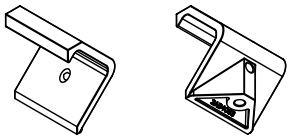
Desk, Table Desk, or Big Table with Suspended Storage

Pattern Numbers Represented:
Suspended File, **YSSPF**___
Suspended Open Cabinet, **YSSO**___

Part List:
Storage Hanging Bracket (A)
¼-20 x 1 ¼" Machine Screw (B)
¼- 20 x ⅜" Set Screw (C)

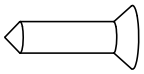
Tools Needed:
Drill
Phillips #2 and #3 bits
⅛" Allen Key

A.) 3AB4063*



Note: two views of bracket shown

B.) 3AB407640

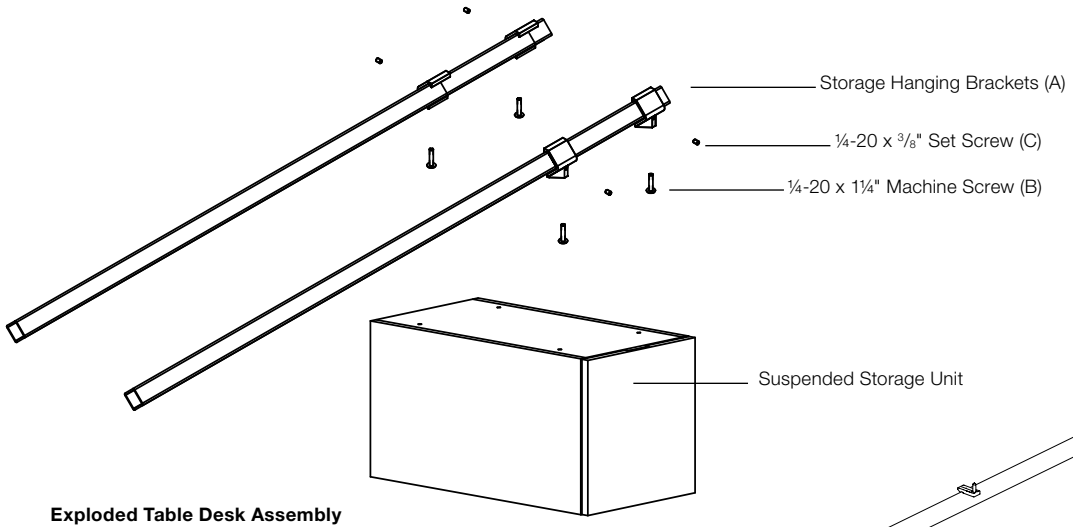


C.) 4A2200740

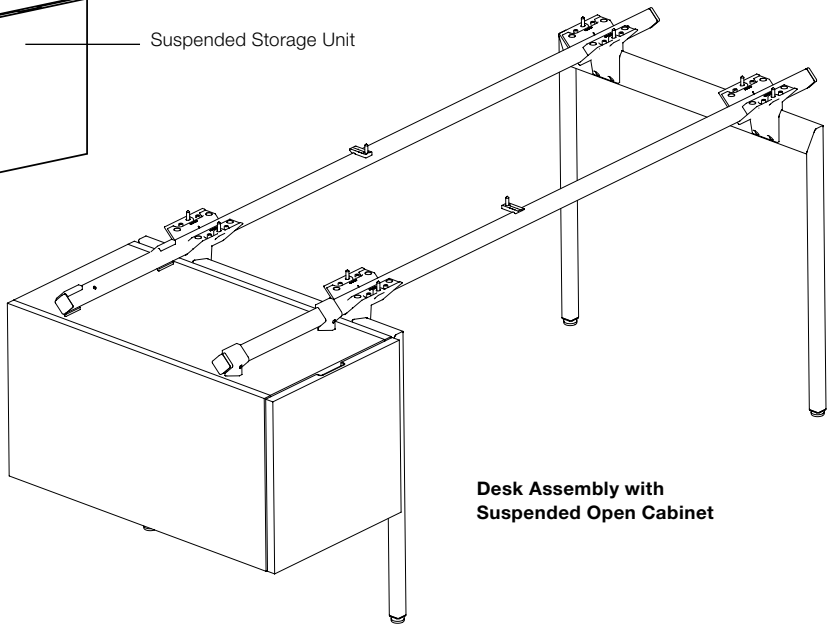
STEPS:

1. Suspended storage should be attached prior to the top being fastened to the base assembly.
2. Attach (4) storage hanging brackets (A) loosely to top of pedestal using (4) ¼–20 X 1¼" machine screws (B). They should be loose enough to easily slide along horizontal rails.

   Note: Several file and open cabinet configurations have multiple drillings in the top of the case. When determining placement of the storage hanging brackets, be sure to use the drillings appropriate for your application's rail spacing and top size. The face of the file or cabinet should not protrude from the worksurface's front or side edges.
3. For a desk assembly, the requested positioning of pedestal on the interior or exterior of the leg will dictate the exact position of leg itself. Once determined, pedestal should slide along the horizontal rails into position.
4. Once the storage unit is correctly positioned, tighten machine screws (B). Before top is fastened to base assembly, use (4) set screws (C) to secure hanging brackets into position on rail



Exploded Table Desk Assembly with Suspended Open Cabinet



Desk Assembly with Suspended Open Cabinet

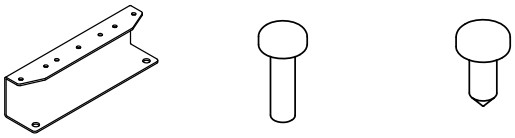
Keyboard Tray Mount Kit

Pattern Number Represented:
Keyboard Tray Mount Kit, **YAK**

Parts List:
Keyboard Support Bracket (A)
¼-14 x ⅞" Wood Screw (B)
10–32 x ½" Machine Screw (C)
Track from KnollExtra Keyboard Arm

Tools Needed:
Drill
Phillips #2 and #3 bits

(A) 3AB8025111 (B) 4A214020140 (C) 7083440

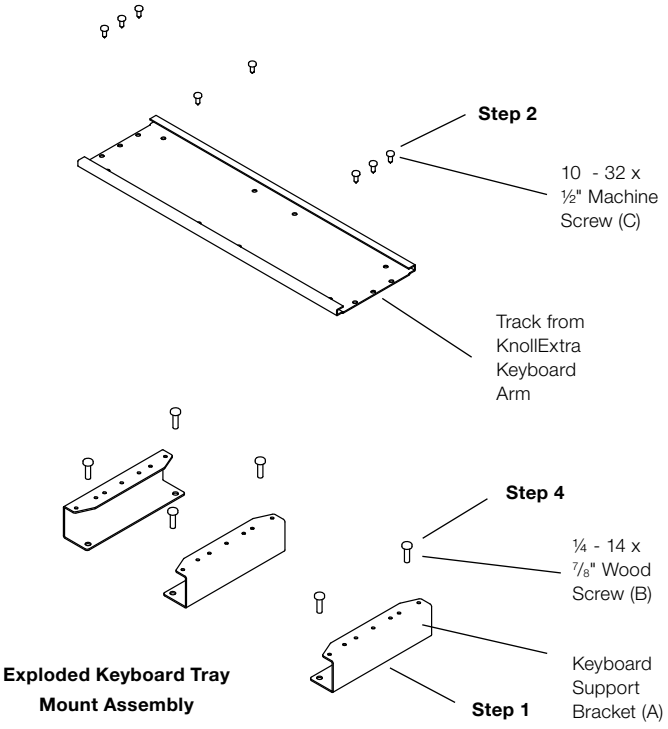


STEPS

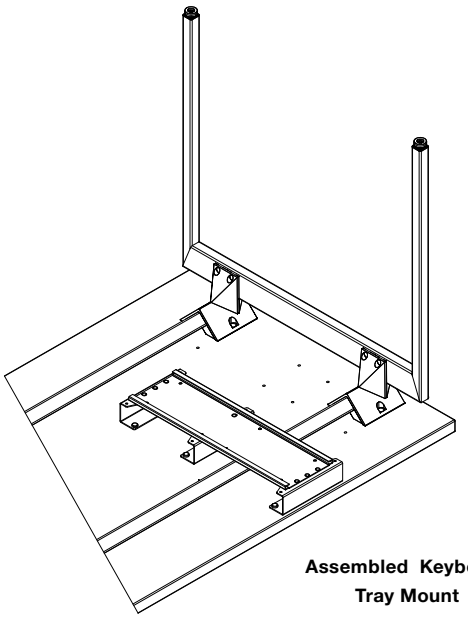
NOTE: Knoll Keyboard Tray Mount Kits are intended for use with KnollExtra Keyboard trays only.

1. Position (3) keyboard support brackets (A) on a flat surface, oriented as shown in exploded keyboard mount diagram at right. The sides of the brackets with seven holes should face up.
2. Attach the track to the keyboard support brackets (A) using (3) 10-32 x ½" machine screws (C) for the back bracket, (2) 10-32 x ½" machine screws (C) for the center bracket and (3) 10-32 x ½" machine screws (C) for the front bracket. Be sure to align the brackets with the correct holes in the track so that two brackets will fit inside the desk rails, and one bracket will fit outside the desk rails.
3. Position the keyboard support bracket/ track assembly under the worksurface so that the front bracket is inset ½" -1" from the front edge of the worksurface. Adjust alignment as required to clear any suspended electrical/ data components.
4. Attach the keyboard support bracket/ track assembly to the underside of the top with (2) ¼-14 x ⅞" wood screws (B) per bracket (6 total screws).

NOTE: Please refer to the instructions packaged with the KnollExtra keyboard arm for further instructions about arm assembly.



Exploded Keyboard Tray Mount Assembly



Assembled Keyboard Tray Mount

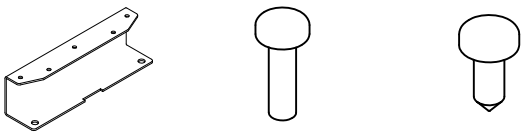
CPU Holder Mount Kit

Pattern Number Represented:
CPU Holder Mount Kit, **YACPU**

Parts List:
CPU Holder Adaptor Bracket (A)
¼-14 x 7/8" Wood Screw (B)
10–32 x ½" Machine Screw (C)
Track from KnollExtra CPU Holder

Tools Needed:
Drill
Phillips #2 and #3 bits

(A) 3AB8026111 (B) 4A214020140 (C) 7083440

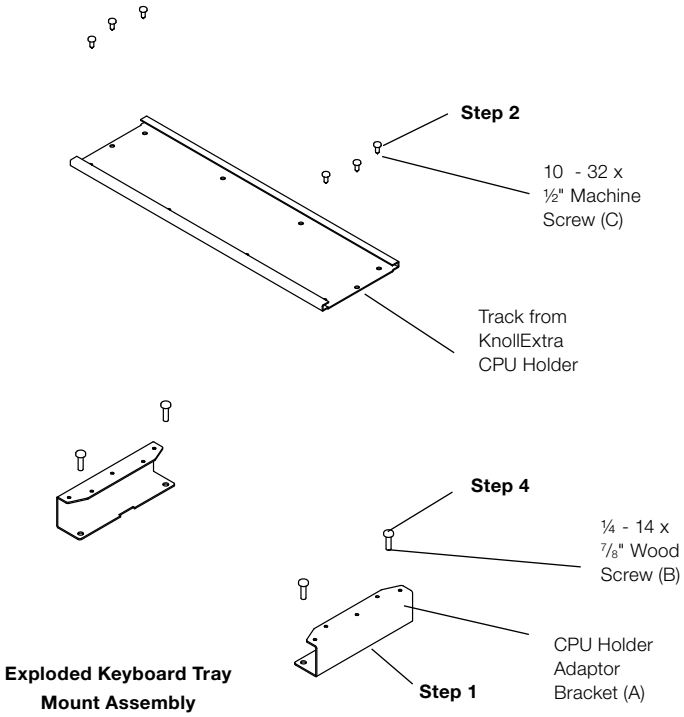


STEPS

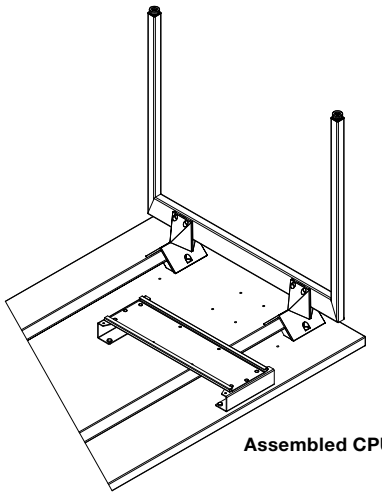
NOTE: Knoll CPU Holder Mount Kits are intended for use with KnollExtra CPU Holders only.

1. Position (2) CPU holder adaptor brackets (A) on a flat surface, oriented as shown in exploded CPU holder mount diagram at right. The sides of the brackets with five holes should face up.
2. Attach the track to the CPU holder adaptor brackets (A) using (3) 10-32 x ½" machine screws (C) for the back bracket, and (3) 10-32 x ½" machine screws (C) for the front bracket.
3. Position the CPU holder adaptor bracket/ track assembly under the worksurface so that the front bracket is inset ½" -1" from the front edge of the worksurface. Adjust alignment as required to clear any suspended electrical/ data components.
4. Attach the CPU holder adaptor bracket/ track assembly (A) to the underside of the top with (2) ¼-14 x 7/8" wood screws (B) per bracket (4 total screws).

NOTE: Please refer to the instructions packaged with the KnollExtra CPU Holder further assembly instructions.



Exploded Keyboard Tray Mount Assembly



Assembled CPU Holder Mount

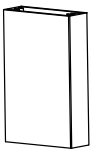
Stanchion Mounted Storage for Big Table

Pattern Numbers Represented:
Stanchions for Big Table, **YSUS_BT**

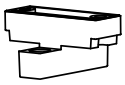
Parts List:
Stanchion Extrusion (A)
Stanchion Base (B)
Stanchion Top Plate (C)
Spring Nut (D)
M6 X 25mm Machine Screw (E)
¼ - 20 x 1.75" Torx Head Self Tapping Screw, Zinc (F)
¼-20 x ½" Machine Screw (G)
Upmount Cabinet

Tools Needed:
Drill
Phillips #2 and #3 bits
Torx #10 bit

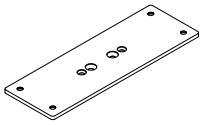
(A) 3AB405302*



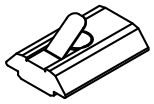
(B) 3AB4039*



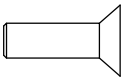
(C) 6AA4673*



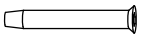
(D) 3AB402196



(E) 3AB405540



(F) 4A2200396



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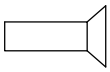
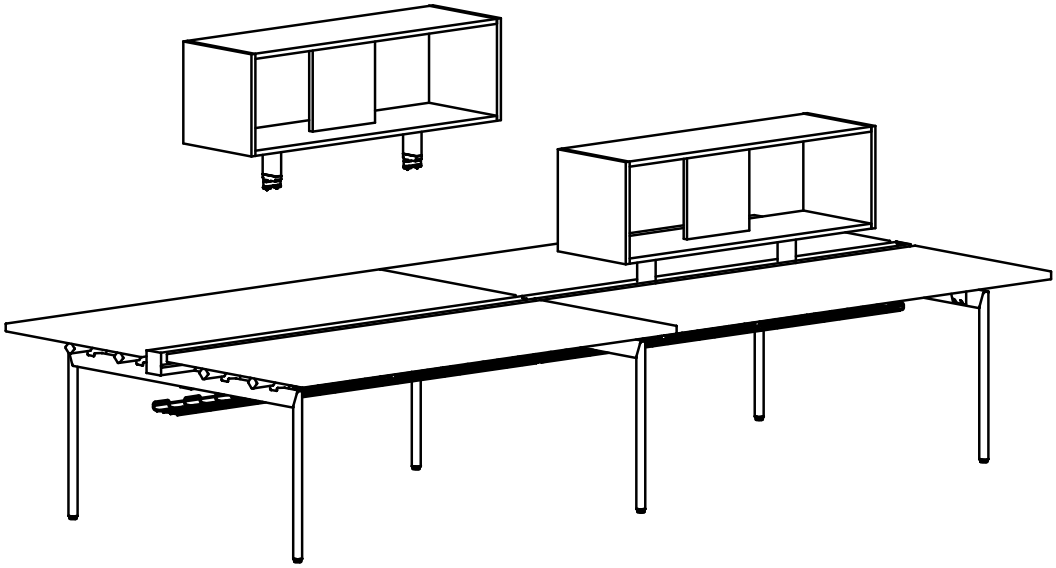


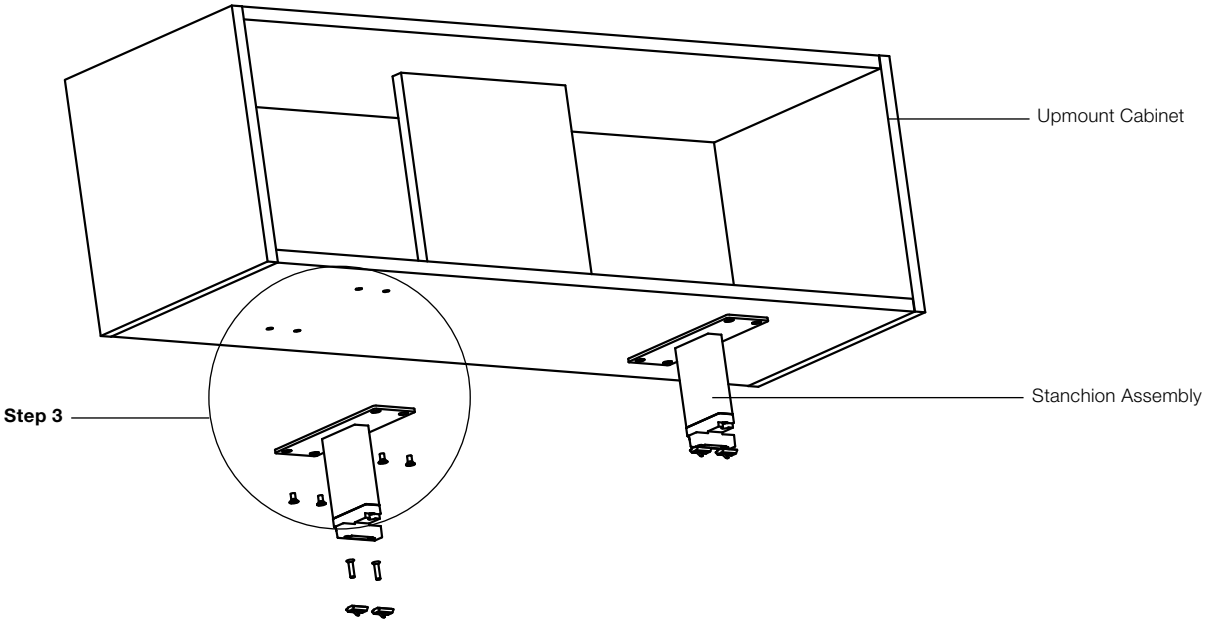
STEPS

1. Attach (1) stanchion extrusion (A) to each stanchion base (B) using (2) ¼ - 20 x 1.75" Torx head self tapping screws (F) per stanchion base (B).
2. Attach (1) stanchion top plate (C) to the top of each stanchion extrusion (A) using (2) ¼ - 20 x 1.75" Torx head self tapping screws (F) per top plate (C).
3. Attach stanchion assembly top plates (C) to the underside of the storage using (4) ¼-20 x ½" machine screws (G) per top plate.
4. Insert (4) spring nuts (D) into the top slot in the center beam (i.e. (2) per stanchion base bracket).
5. Attach (2) stanchion extrusion/ stanchion base assemblies loosely to the spring nuts (D), using (2) M6 X 25mm machine screws (E) per stanchion base (B). Do not tighten.
6. Determine the desired storage cabinet position along the width of the table, and adjust/slide the location of the stanchion bases (B) along the center beam so the holes in the stanchion top plates (C) correspond with the predrilled holes on the underside of the storage.
7. Tighten the screws (E) in the stanchion bases (B) to the spring nuts (D) to secure their locations on the center beam.

Stanchion Mounted Storage for Big Table, continued

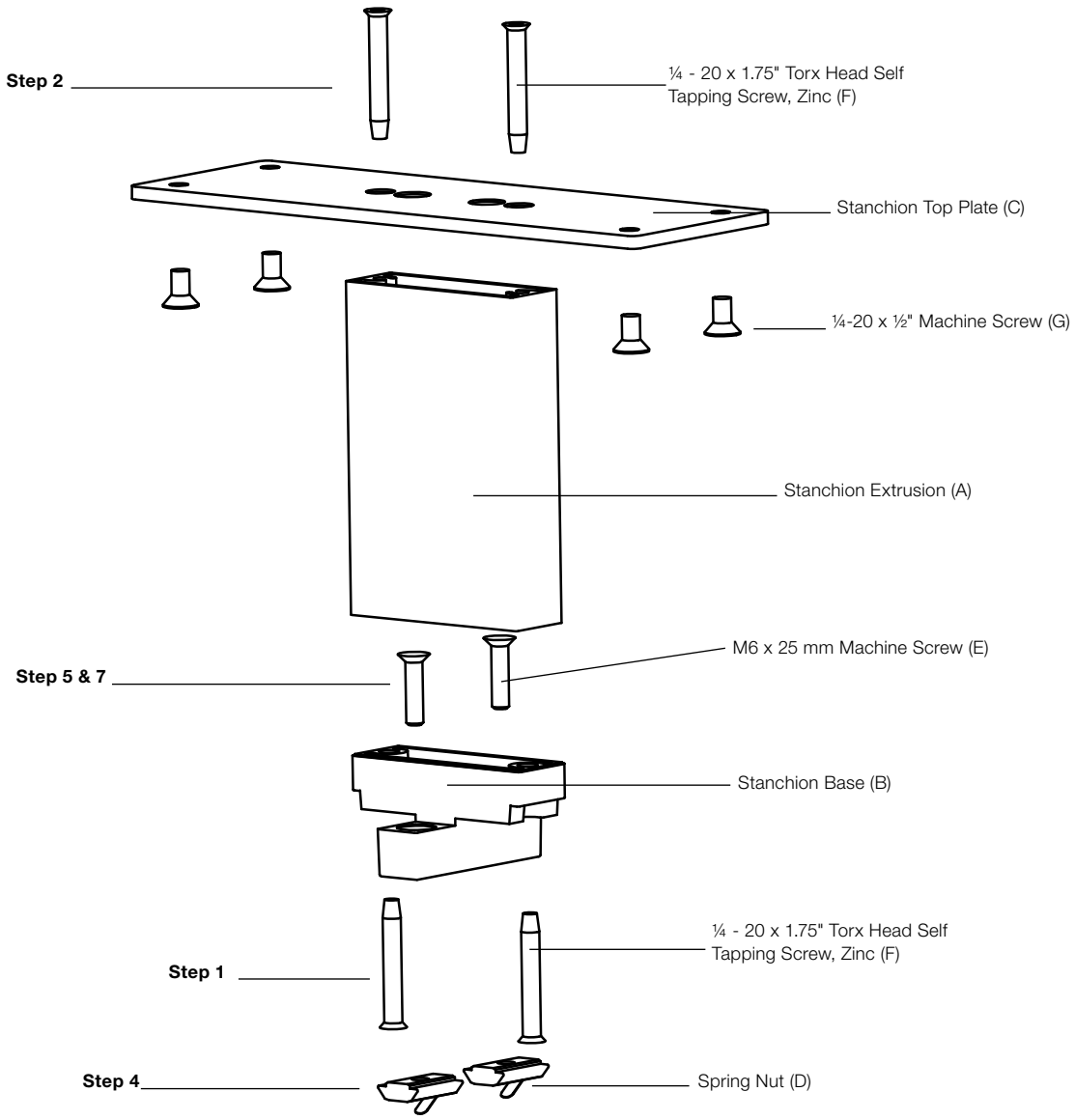


Partially Exploded Stanchion Mounted Storage Assembly on Big Table



Partially Exploded View from Below Stanchion Mounted Storage

Stanchion Mounted Storage for Big Table, continued



Exploded Stanchion Assembly

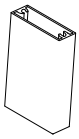
Stanchion Mounted Storage for Fence: Cabinet or Platform

Pattern Numbers Represented:
(2) Fence Stanchions, **YSUS2F_**
(3) Fence Stanchions, **YSUS3F_**

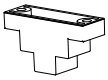
Parts List:
Stanchion Extrusion (A)
Stanchion Base (B)
Stanchion Top Plate (C)
U-Bracket (D)
$^{5}/_{16}$ – 18 x 1 ½" Hex Head Bolt (E)
¼ - 20 x 1.75" Torx Head Self Tapping Screw, Zinc (F)
¼ - 20 x ½" Machine Screw (G)
Upmount Cabinet or Platform

Tools Needed:
Drill
Phillips #2 and #3 bits
Torx #10 bit

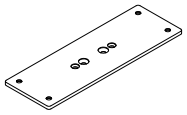
(A) For 25"H Fence: 3AB405301*
For 28"H Fence: 3AB405302*



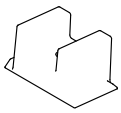
(B) 3AB4037*



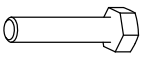
(C) 6AA4673*



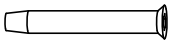
(D) 3AB405400



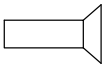
(E) 7231496



(F) 4A2200396



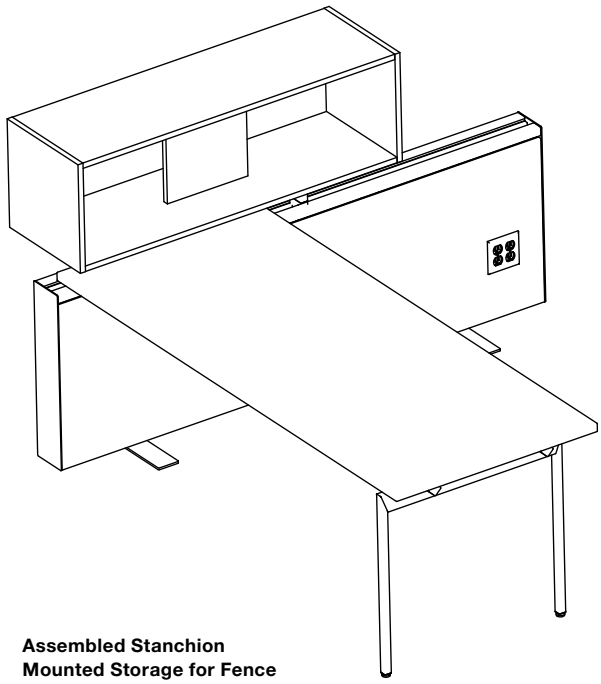
(G) 7143440



STEPS

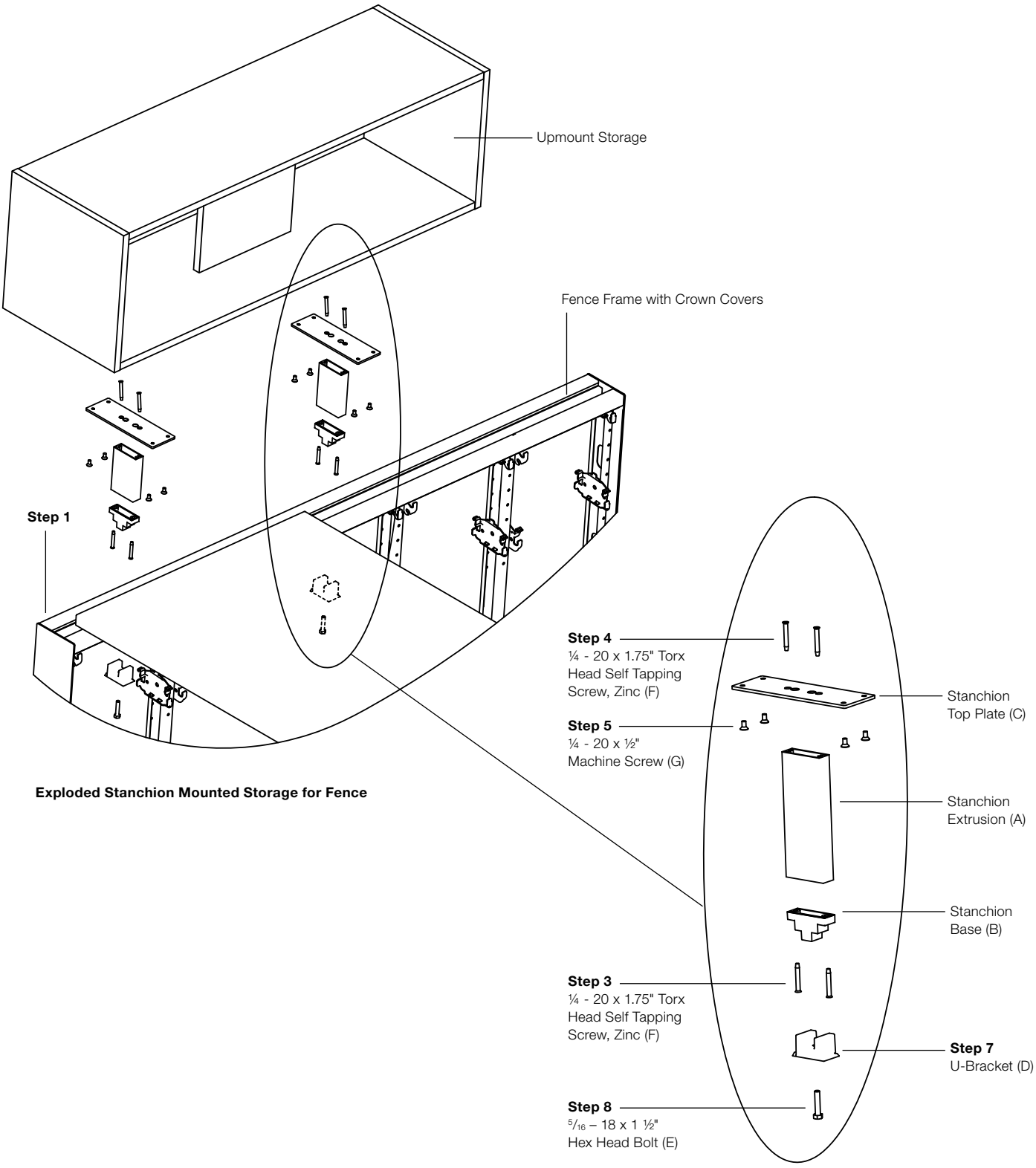
1. Ensure the crown covers are installed on the Fence frame.
2. Remove the upper cover from one side of the Fence frame.
3. Attach (1) stanchion extrusion (A) to each stanchion base (B) using (2) ¼ - 20 x 1.75" Torx head self tapping screws (F) per stanchion base (B).
4. Attach (1) stanchion top plate (C) to the top of each stanchion extrusion (A) using (2) ¼ - 20 x 1.75" Torx head self tapping screws (F) per top plate (C).
5. Attach the stanchion assembly top plates to the underside of the upmount cabinet or shelf using (4) ¼ - 20 x ½" machine screws (G) per top plate.
6. Position the storage or shelf assembly in the desired location on the fence frame, being sure to align the (2) stanchion bases (B) with (2) holes in the top of the Fence frame.

   NOTE: The holes in the top of the Fence frame repeat every 3".
7. Place a U-bracket (D) inside the frame, under the top horizontal channel, under each stanchion base (B).
8. Secure each stanchion base (B) to its corresponding U-bracket (D) with a $^{5}/_{16}$ – 18 x 1 ½" hex head bolt (E) inserted from below the top horizontal channel of the Fence frame.
9. Re-install the upper Fence cover removed in Step 2.



Assembled Stanchion Mounted Storage for Fence

Stanchion Mounted Storage for Fence: Cabinet or Platform, continued



Exploded Stanchion Mounted Storage for Fence

Exploded Stanchion Assembly Detail

Wall Mounted Cabinets

1. The following information is provided as a guide, and represents minimum requirements only.

   Knoll does not accept responsibility for the attachment of any Knoll product to a Customer's Site wall.

   Site wall specification and construction is the responsibility of the Customer and its structural engineer/architect.

   Knoll is not responsible for the cost of preparing existing walls, or the cost of additional materials for new wall, sufficient to support Knoll products.

   Failure to properly attach Knoll products to adequate wall structures can lead to property damage and/or personal injury

2. It is the responsibility of the Customer and their structural engineer/architect to verify that the permanent built structural walls (studs, blocks, solid masonry, etc) on which the Knoll products are intended to be mounted, are designed to support the product weight, PLUS 3 lbs per linear inch for each useable shelf

   NOTE: The cabinet top is to be considered as a shelf to determine the total load that the wall must support.

3. It is the responsibility of the Customer and their structural engineer/architect to specify the fasteners and method for attaching the frames to the supporting wall, and to confirm that the installers have adhered to these specifications. For all local building standards and codes, and additional requirements (including, but not limited to, seismic conditions) the Customer should always consult local code agencies.

4. Drywall should NOT be considered a structural material for the purpose of mounting Knoll products.

   Drywall should be applied to a supporting structure per the drywall manufacturer's specification, and should be used only under loads permitted by those specifications.

5. All blocking must be attached to studs using approved carpentry practices with the appropriate size fasteners.

6. You should consult your own structural engineers and/or architects and must not rely solely on the information provided herein.

Wall Mounted Cabinets, continued

		EXISTING CONSTRUCTION				
	NEW CONSTRUCTION	**Cinder Block or Poured Concrete Masonry Wall**	**Wood Stud Wall, the studs being FULL HEIGHT to the roof/floor above**	**Wood Stud Wall, the studs being only Ceiling Height**	**Steel Stud Wall, the studs being FULL HEIGHT to the roof/floor above**	**Steel Stud Wall, the studs being only Ceiling Height**
Stud Specification	Wood studs, grade #2 or better, 3 1/2" minimum width, **OR** Metal studs, minimum 25 gage thickness, 3 5/8" minimum width	The wall must be a minimum of 6" thick, and must be full height to the roof/ floor structure above	Wood studs must be Grade #2, or better, 3 1/2" minimum width	Wood studs must be Grade #2, or better, 3 1/2" minimum width	Metal studs must be minimum 25 gage thickness, 3 5/8" minimum width	Metal studs must be minimum 25 gage thickness, 3 5/8" minimum width
Stud Centers	Metal and wood studs must be spaced at 16" c/c maximum	N/A	Wood studs must be spaced at 16" c/c maximum	Wood studs must be spaced at 16"" c/c maximum"	Metal studs must be spaced at 16" c/c maximum	Metal studs must be spaced at 16" c/c maximum
Stud Height	Metal and wood studs must extend upwards, and be securely attached to the roof/ floor structure above			Wood studs must be braced above the ceiling, and be securely attached to the roof/floor structure above Affix #2 grade 'cap' across the top of the studs, then place diagonal studs from the top cap up to underside of the roof/ floor structure above		Metal studs must be braced above the ceiling, and be securely attached to the roof/floor structure above Affix metal bracing 'cap' across the top of the studs, then place diagonal studs from the top cap up to underside of the roof / floor structure above
Mounting the Knoll Supplied Cleat, Bracket, Frame, etc*	Insert a 2" X 6" wood block, #2 grade or better, [or a Danback™ flexible wood backing system] horizontally between each of the studs to accommodate the full width of the cabinet, **and beyond to the next stud.** Fasten the wood block to each stud using three screws at the ends of each block. (Fasten the Danback™ as directed by the manufacturer) Fasten the Knoll supplied wall mounting cleat, bracket, frame, etc directly to each wood block every 6" For wall mounting structures that have a rectangular frame-like configuration: fasten the top horizontal element of the frame to the wood blocking every 6", and fasten the lower horizontal element to each wall stud, using one fastener per stud.	Fasten the Knoll supplied cabinet wall mounting cleat, bracket, frame, etc. directly to the masonry wall every 6" For wall mounting structures that have a rectangular frame-like configuration: fasten the top horizontal element of the frame to the wall every 6", and fasten the lower horizontal element to the wall every 16"	In the desired location of the cabinet mounting rail, remove an 8" high section of drywall the width of the cabinet, **and beyond to the next stud.** Insert a 2" X 6" wood block, #2 grade or better, horizontally between each of the exposed studs. Fasten the wood block to each stud using three screws at the ends of each block. Replace the drywall and repair as desired. Fasten the Knoll supplied wall mounting cleat, rail, frame, etc directly to the wood block every 6" For wall mounting structures that have a rectangular frame-like configuration: fasten the top horizontal element of the frame to the wood blocking every 6", and fasten the lower horizontal element to each wall stud, using one fastener per stud.	In the desired location of the cabinet mounting rail, remove an 8" high section of drywall the width of the cabinet, **and beyond to the next stud.** Insert a 2" X 6" wood block, #2 grade or better, horizontally between each of the exposed studs. Fasten the wood block to each stud using three screws at the ends of each block. Replace the drywall and repair as desired. Fasten the Knoll supplied wall mounting cleat, rail, frame, etc directly to the wood block every 6" For wall mounting structures that have a rectangular frame-like configuration: fasten the top horizontal element of the frame to the wood blocking every 6", and fasten the lower horizontal element to each wall stud, using one fastener per stud.	In the desired location of the cabinet mounting rail, remove an 8" high section of drywall the width of the cabinet, **and beyond to the next stud.** Insert a 2" X 6" wood block, #2 grade or better, [or a Danback™ flexible wood backing system] horizontally between each of the exposed studs. Fasten the wood block to each stud using three screws at the ends of each block. Replace the drywall and repair as desired. Fasten the Knoll supplied wall mounting cleat, rail, frame, etc directly to the wood block every 6" For wall mounting structures that have a rectangular frame-like configuration: fasten the top horizontal element of the frame to the wood blocking every 6", and fasten the lower horizontal element to each wall stud, using one fastener per stud.	In the desired location of the cabinet mounting rail, remove an 8" high section of drywall the width of the cabinet, **and beyond to the next stud.** Insert a 2" X 6" wood block, #2 grade or better, [or a Danback™ flexible wood backing system] horizontally between each of the exposed studs. Fasten the wood block to each stud using three screws at the ends of each block. Replace the drywall and repair as desired. Fasten the Knoll supplied wall mounting cleat, rail, frame, etc directly to the wood block every 6" For wall mounting structures that have a rectangular frame-like configuration: fasten the top horizontal element of the frame to the wood blocking every 6", and fasten the lower horizontal element to each wall stud, using one fastener per stud.
Fasten the Knoll supplied wall cleat with...	#10 x 2 1/2" Grabber Woodys Screws or equiv. @ 6" c/c, screwed directly into the wood blocking	3/16" x 3 1/2" Tapcon Masonry Screws or equiv. @ 6" c/c with 1-1/4" embedment, screwed directly into the masonry wall	#10 x 2 1/2" Grabber Woodys Screws or equiv. @ 6" c/c, screwed directly into the wood blocking	#10 x 2 1/2" Grabber Woodys Screws or equiv. @ 6" c/c, screwed directly into the wood blocking	#10 x 2 1/2" Grabber Woodys Screws or equiv. @ 6" c/c, screwed directly into the wood blocking	#10 x 2 1/2" Grabber Woodys Screws or equiv. @ 6" c/c, screwed directly into the wood blocking
Additional Required Bracing	No	No	No	2 x 4's across the top of the studs, with diagonals attached to underside of roof / floor structure above	No	Track across the top of the studs with diagonal studs attached to underside of roof / floor structure above
END CONDITION (only if cleat extends more than 6" past stud)	Danback™ flexible woodbacking system or equivalent	N/A	Toggler Snapskru drywall anchors with #8 x 2" screw @ 4-1/2" c/c with 2-1/2" end distance	Toggler Snapskru drywall anchors with #8 x 2"screw @ 4-1/2" c/c with 2-1/2" end distance	Toggler Snapskru drywall anchors with #8 x 2" screw @ 4-1/2" c/c with 2-1/2" end distance	Toggler Snapskru drywall anchors with #8 x 2" screw @ 4-1/2" c/c with 2-1/2" end distance
Additional Required Construction	Danback™ flexible wood backing system or equivalent	No	No	No	No	No

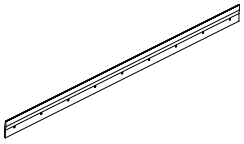
Wall Mounted Cabinets, continued

Pattern Numbers Represented:
Wall Mounted Wood Cabinets, **YSWM**____
Wall Mounted Metal Cabinets, **YSMWM**___

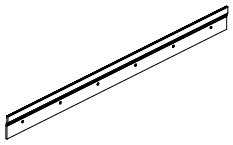
Parts List:
Fasteners Appropriate for Wall, Not Supplied by Knoll
Wall Rail Cleat for Wood Cabinet (A) or
Wall Rail Cleat for Metal Cabinet (B)
Wall Mount Wood or Metal Overhead Cabinet

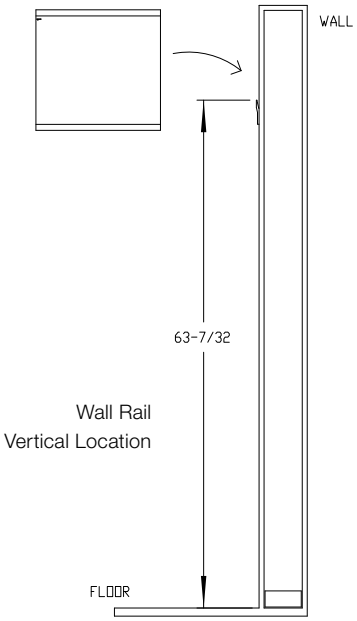
Tools Needed:
Drill with Bit Appropriate for Fasteners
Level
Tape Measure

(A) Rail for 60" Cabinet- KR6TP40246
Rail for 72" Cabinet- KR6TP40247



(B) 35"- KR2MA1064H01
41"- KR2MA1064H02
47"- KR2MA1064H03
59"- KR2MA1064H04
71"- KR2MA1064H05





Please refer to the previous chart for further recommendations.

STEPS

To Attach the Wall Rail Cleat:

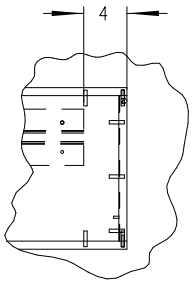
1. To position the overhead at the appropriate height, the wall rail cleat top edge needs to be 63 $^{7}/_{32}$" from the highest point off the floor. Based on the horizontal position required, the wall rail cleat should be inset approximately 4" from the outside end of the unit. Mark the wall to locate the wall rail cleat location based on these requirements.

   NOTE: If the overhead is to align with adjacent products, such as a floorstanding cabinet, the recommended vertical dimensions may need to be modified by any floor leveling (high vs. low) conditions.

2. Begin attaching the wall rail cleat with fastener starting at either end and a second fastener at the other end while ensuring the rail stays level horizontally. Once both ends are leveled and secured, insert the remaining fasteners to complete attachment.

To Mount Overhead Cabinet to Wall Cleat:

1. Gently lower the overhead unit into place by aligning the factory installed rail with the wall rail cleat just installed.



Wall Rail Horizontal Location

Wall Mounted Overhead Cabinet Sliding Doors

Pattern Numbers Represented:
Sliding Door Set, **YSSD**___

Parts List:
Housing (A)
Fastener (B)
Guide (C)
Running Gear (D)
Stopper (E)
Overhead Cabinet
Sliding Doors

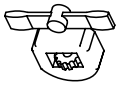
Tools Needed:
Measuring Tape
$^{8}/_{16}$" Diameter Drill
Square Drive Screw Driver

(A) 6TP40330

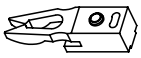
(B) 6TP40335

(C) 6TP40333

(D) 6TP40331



(E) 6TP40332



STEPS

Sliding Door Pre-Assembly

1. (If not factory installed) Fasten the housings (A) to the back of doors into the factory drilled pockets using fastener (B). (Fig. 2)
2. (If not factory installed) Using a hammer, insert the press-fit guide(s) (C) into the factory drilled hole(s) on the inside surface of the bottom shelf oriented with the flats of the guide parallel to the front edge of the bottom shelf. (Fig. 3)
3. At each end of the factory installed support rail you will find a rectangular cut-out, using this as an access point, install all the running gears (D). (Fig. 4)
4. Once all the running gears are installed onto the track(s), insert one stopper (E) at each end. (Fig. 5A & 5B)

Sliding Door Installation

1. Line the bottom track on the back of the door with the guides on the bottom shelf, rotating the door up, align the running gears with the housings and snap into place. Repeat this for each door. (Fig. 6)
2. (If required) The doors can be leveled using the gear mechanism on the running gears which provides $^{1}/_{8}$" of adjustment up and down for a total of ¼" adjustability. (Fig.7)

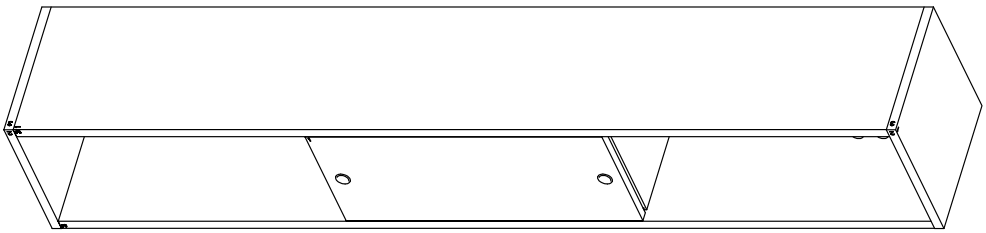


Figure 1

Wall Mounted Overhead Cabinet Sliding Doors, continued

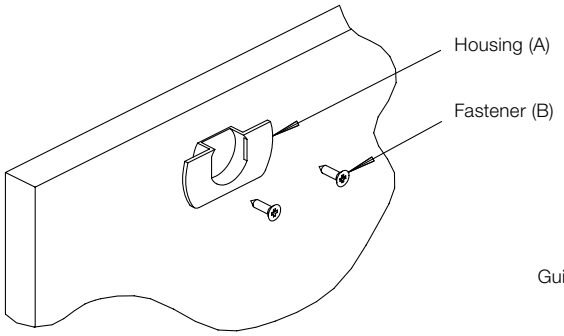


Figure 2

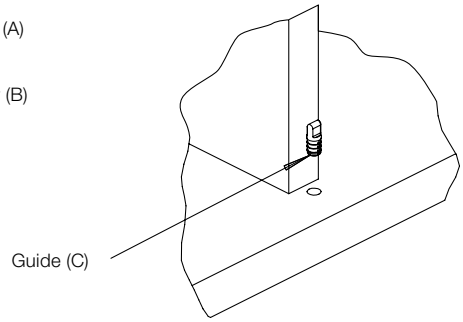


Figure 3

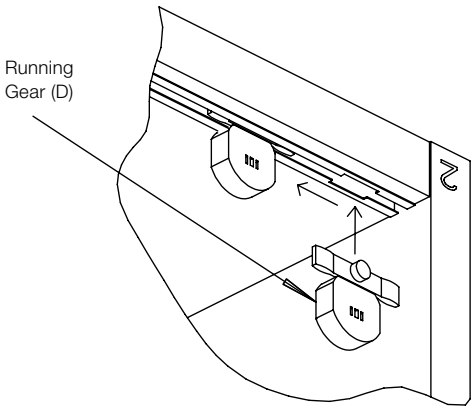


Figure 4

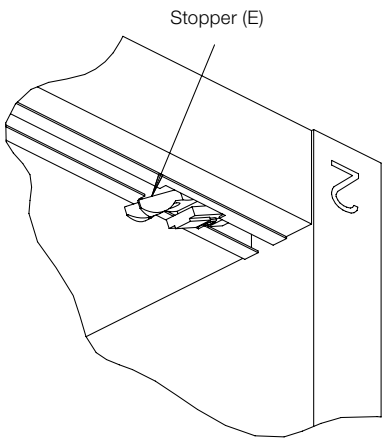


Figure 5A

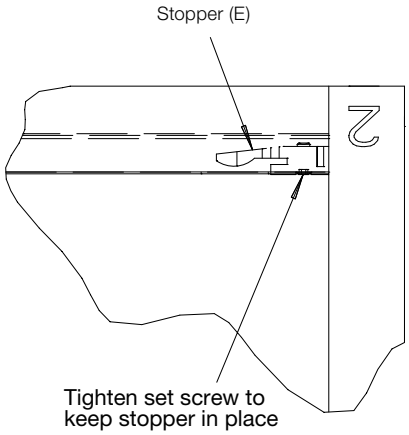


Figure 5B

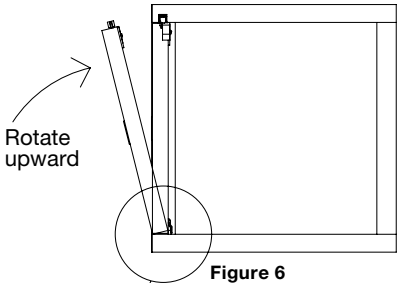


Figure 6

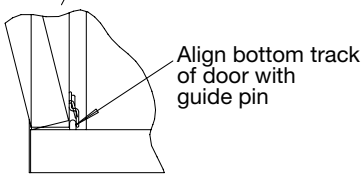
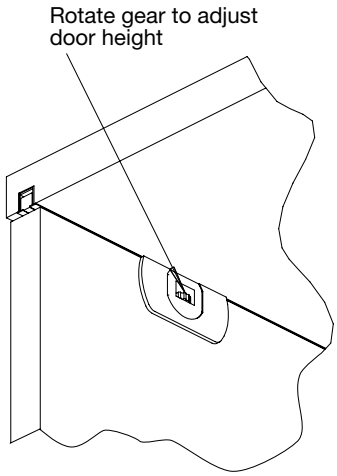


Figure 6A



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