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Using the Antenna® Workspaces Installation Instructions and Parts Manual  
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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)
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.
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 1/2" 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.

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 1/2" 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 1/2" 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).
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 ⅜” Machine Screw (F)
- #14 x 1” FH Wood Screw (G)

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

**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 ⅜” machine screws (F).

**NOTE:** Rails are typically 3” shorter than top width, i.e., 72” wide tops use 69” wide rails.

3. 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.

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 Desk Cradle Connection to End Leg Detail

Step 1 & 2

Exploded Desk Assembly

Step 7
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

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.
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

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Table Desk (Flush Legs), continued
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 ¾" 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

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 ¾" 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.

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.

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Desk with Return (Inset Leg on Return), continued

Desk with Return Plan View

Exploded Return Assembly Plan View

Steps 2, 3 and 10

Steps 5 and 6

Steps 8 and 11

Step 4

Step 12

Horizontal rail cradle on desk must be positioned at end of rail.

Return Rail Clamp
Bottom Bracket (E)

Return Rail Hook Top Bracket (D)

Return Rail

W-Bracket (F)

Horizontal Rail Cradle (A)

Desk End Leg

Cradle Clamp
Bracket (B)

Desk Assembly

Return Assembly

Aligned (Use install gauge to properly locate. See Install Gauge Guidelines.)

1/4-20 x 1/2" machine screw (I)

1/4-20 x 1" Machine Screw (H)

#14 x 1" FH Wood Screw (J)

#14 x 1" FH Wood Screw (J)

1/4-20 x 1" Machine Screw (H)
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 ¾" 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

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 ¾" 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.

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
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

**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 Desk Assembly
Return Rail Hook Top and Clamp Bracket (B & C)
W-Bracket (D)
Bridge Top
Spacer (A)
Bridge Rail
W-Bracket (D)
Return Rail Hook Top and Clamp Bracket (B & C)

Table Desks with Bridge Plan View

Steps 2 and 3
1/4-20 x 1" Machine Screw (H)

Steps 5 and 7
1/4-20 x 1" Machine Screw (F)

Step 6
#14 x 1" FH Wood Screw (J)

Exploded Bridge Assembly Detail

#14 x 1" FH Wood Screw (G)

#12 1/4" Black Wood Screw (E)

1/4-20 x 1" Machine Screw (F)
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 ½" 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

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 ½" 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)

Step 8

Exploded Desk Assembly with (3) Extension Options

Step 3
Step 7

Exploded Desk with Extended Rails Detail

Step 7b
(above desk extension cabinet)

Step 7a
(extension top)

Step 7c
(below desk extension cabinet)

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

1/4-20 x 3/4" Machine Screw (F)

#14 x 1" FH Wood Screw (G)

End Cap With Tab (M)

Rail

W-Bracket (D)

Cradle Clamp Bracket (B)

Horizontal Rail Cradle (A)

Desk End Leg

1/4-20 x 1" Machine Screw (E)

#14 x 1" FH Wood Screw (G)

Spacer (C) with #12 x ¾" Black Wood Screw (H)

Step 9 (optional)
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

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. i.e. 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

Step 9
Above Desk Extension Cabinet

Steps 3, 8 & 10

Steps 7 & 11

Step 5

W-Bracket (D) with (4)
#14 x 1" FH Wood Screw (G)

Step 12

Step 13 (optional)

Above Desk Extension Cabinet Elevation, Leg Under Cabinet

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 ½” Machine Screw (F)  
#14 x 1” FH Wood Screw (G)  
Flat Bracket (H)

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

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 ½” 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 last pair of extended rails with a rubber mallet. 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).

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.

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

Steps 3 & 4 Use Installation Gauge to position cradles on rails

Steps 1 & 2

Step 9

Exploded Back-to-Back Desk Assembly

1⁄4-20 x 5⁄8" Machine Screw (F)
Cradle Clamp Bracket (B)
Starter Rail

1⁄4-20 x 1" Machine Screw (E)
Horizontal Rail Cradle (A)

#14 x 2" FH Wood Screw (G)

Back-to-Back Desk End Leg
Back-to-Back Desks, continued

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 ½" Machine Screw (F)
#14 X 1" FH Wood Screw (G)
Flat Bracket (H)

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

Tops
Starter Rails
Extended Rails
Desk End Legs
End Caps

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 ½" 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 the 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.

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.

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Antenna® Workspaces Installation Instructions
Linked Desks, continued

Desk Cradle Connection to End Leg Detail

Starter Rail
¼-20 x ½" Machine Screw (F)
Cradle Clamp (B)
Horizontal Rail Cradle (A)
¼-20 x 1" Machine Screws

Rail Connection Centered in Cradle

Starter Rail/ Extended Rail Cradle Alignment Detail

Use install gauge to position outermost legs

Extended Rails

Steps 1, 2 & 3

Step 4
(see additional detail above)

Step 9

Exploded Linked Desk Assembly Detail

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

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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 ⅜” Machine Screw (L)
#14 x 1” FH Wood Screw (M)
M6 x 25mm Machine Screw (N)
⅜”-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

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 ⅜” 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.
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) ¼-20 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.
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: 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).

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.

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Antenna® Workspaces Installation Instructions
Big Table with Inset Intermediate Leg, continued

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.

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Antenna® Workspaces Installation Instructions
Big Table with Inset Intermediate Leg, continued

NOTE: (2) Flat brackets (not shown) must be used to connect adjacent tops (see step 14)

Steps 11 & 12
See Exploded Center Beam Mounting Bracket Assembly Detail

See Horizontal Rail Cradle & Inset Cradle Adapter Assembly (exploded view) diagram

Step 10
Starter rails and extended rails meet in the center of the cradle

Steps 1 & 3

Big Table with Inset Intermediate Leg Assembly

Center Beam Orientation
Big Table with Inset Intermediate Leg, continued

Horizontal Rail Cradle (A)
Inset Cradle Adapter Assembly
(see exploded view)

Inset Intermediate Leg Detail

Cradle Clamp Bracket (B)

1/4-20 x 5/8" Machine Screw (L)

Horizontal Rail Cradle (A)

1/4-20 x 1" Machine Screw (K)

Inset Intermediate Leg for Big Table

Rail

Inset Intermediate Leg for Big Table

1/4-20 x 5/8" Machine Screw (L)

Inset Cradle Adapter for Intermediate Leg (G)

Horizontal Rail
Inset Intermediate Leg Cradle (H)

5/16 - 18 x 1" Machine Screw (O)

#14 x 1" FH Wood Screw (M)

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, YBC_ 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 ½" 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:
Install Gauge
Phillips #2 and #3 bits
Drill
Rubber Mallet
Install Gauge

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 ½" 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.
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). 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 (Q) 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 ¼" black wood screw (P) 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

- Center Beam Bracket on inner side of leg
- Center Beam Bracket on both sides of leg
- Cradles face each other
- Cradles face starter rails

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

NOTE: (2) Flat brackets (not shown) must be used to connect adjacent tops (see step 11)

Center Beam Orientation

Steps 8 & 9
Center Beam

Step 7
Starter rails and extended rails meet in the center of the cradle

Steps 8 & 9
Center Beam

Step 8

Step 3
Center Beam

Step 1

Step 12

Step 13

Step 14

Big Table with Intermediate Leg (Non-Inset) Assembly

Intermediate Leg Detail (non-inset)
Exploded Center Beam Mounting Bracket Assembly Detail

- ¼-20 x 1” Machine Screw (I)
- M6 x 25mm Machine Screw (L)
- Center Beam Mounting Bracket C-Clamp (F)
- Center Beam Mounting Bracket (E)
- Spring Nut (G)

Exploded Cradle Connection to Leg Detail

- ¼-20 x ⅝” Machine Screw (J)
- #14 x 1” FH Wood Screw (K)
- Horizontal Rail Cradle (A)
- Cradle Clamp Bracket (B)

Big Table with Intermediate Leg (Non-Inset), continued
Mid Span Support Leg for Center Beam for 36"D Big Table

Pattern Numbers Represented:
Mid Span Support Leg, YLDD1

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

**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)

Center Beam

Step 2
Spring Nut (A)

Step 4
M6 x 16mm Internal Hex Drive Machine Screw (B)

Step 3
Mid Span Support Leg

Step 5

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

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.

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.

Partial End Cap Detail

Big Table with Extension Tops

Big Table without Extension Tops
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

**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.
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

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.

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 Assembly

Big Table with Return Plan View

Steps 5 & 6

Steps 8 & 11

Return Rail Clamp
Bottom Bracket (F)

Return Rail Hook Top Bracket (E)

1/4-20 x 1" Machine Screw (H)

W-Bracket (G)

#14 x 1" FH Wood Screw (J)

Return Rail

Exploded Return Attachment Exploded Details

Cradle Clamp Bracket (B)

Desk End Leg

Cradle (A)

1/4-20 x 5/8" Machine Screw (I)

#14 x 1" FH Wood Screw (J)

Horizontal Rail

44
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 ¾” 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

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 ¾” 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 Assembly

Back-to-Back Return Assembly

Big Table with Back-to-Back Returns Plan View

Cradle Connection to Back-to-Back End Leg Detail

- ¼-20 x ½” Machine Screw (I)
- Cradle Clamp Bracket (B)
- ¼-20 x 1” Machine Screw (H)
- Horizontal Rail Cradle (A)
- #14 x 1” F Wood Screw (J)
- Back-to-Back Desk End Leg
Big Table with Back-to-Back Returns, continued

Partially Exploded End Leg for Back-to-Back Returns

Return Rail Hook Top Bracket (E)
Return Rail Clamp Bottom Bracket (F)
W-Bracket (G)
Big Table Desk Rail
Fiat Bracket (Under Big Table Seam)
Intermediate Leg
Steps 5 & 6
Steps 8 & 11

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, YSDXF.

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 ⅜” 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

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.

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.

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.

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.
Big Table with Extension Top or Cabinet, continued

Step 8b
(Above desk extension cabinet)

Step 8a
(extension top)

Step 8c
(below desk extension cabinet)

Steps 2 & 8

Step 7

Partially Exploded Big Table Assembly
with (3) Extension Options

Step 10 (optional)

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)
¾-20 x ½" Machine Screw (H)
Center Beam

Tools Needed:
Drill
Phillips #3 bit

Steps for Sapper Monitor Arm:
1. Attach the post mounting bracket (A) to the Sapper mast using (1) ½-13 x 1¼" 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).

Steps for Cantilever Shelf Center Beam Attachment:
1. Attach the post mounting bracket (A) to the post extrusion (B) using (1) ½-13 x 1¼" 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 1¼" machine screw (E).
6. Attach the cantilever shelf (D) to the cantilever shelf support (C) using (4) ¾-20 x ½" machine screws (H).

NOTE: () at end of part number indicates that laminate/veneer finish code must be added at the end. Example: 3AB2280(Y861).
Sapper Monitor Arm and Cantilever Shelf:
Center Beam Attachment, continued

Step 1

Step 2

Step 3
The slot in the bracket rests on the top lip of the center beam

Step 4

Exploded Sapper Beam-Mounted Monitor Arm

Exploded Post Mounting Bracket Detail

Exploded Post Mounting Bracket Detail

Sapper Mast
Center Beam
Spring Nut (F)
Post Mounting Bracket (A)
M6 x 14mm Machine Screw (G)
1/2-13 x 1/4" Machine Screw (E)
Sapper Monitor Arm and Cantilever Shelf:
Center Beam Attachment, continued

- **Step 6**
  - Cantilever Shelf (D)

- **Step 5**
  - ½-12 x 1 ¼" Machine Screw (E)

- Cantilever Shelf Support (C)

- Post Extrusion (B)

- Post Mounting Bracket (A)

- M6-1 x 14mm Machine Screw (G)

- ½-13 x 1 ¼" Machine Screw (E)

- Exploded Beam-Mounted Cantilever Shelf

- Spring Nut (F)

- Center Beam

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

Step 1
Step 2
Step 3
Step 4

Exploded Post Mounting Bracket Detail

The slot in the bracket rests on the top lip of the center beam
**Electrical Components:**

**Power for Desk Rail**

**Pattern Numbers Represented:**
- Power Harness, YRPHE
- 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

**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

Step 5
Bottom Power Harness Mounting Bracket (F)

Step 6
Top Power Harness Mounting Bracket (G)

Step 7
Top and Bottom Power Harness Mounting Bracket Detail

Step 8
Duplex

Step 9
Power Harness

Step 10
Raceway Screw (H)

Step 11
Power Harness Mounting Extrusion (A)

Right Harness Mounting End Cap (B)

Raceway End Cap

Desk Rail

Left Hand Harness Mounting End Cap (C)

Power Harness Mounting Extrusion (A)

M6 x 74mm Machine Screw (E)

Raceway Endcap

Exploded Power Harness for Desk Rail Assembly

Spring Nut (D)
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

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.
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.

NOTE: Arrows stamped into the molded plugs should be pointed up, indicating proper orientation of the jumper cable.
Electrical Components: Power for Big Table Center Beam, continued
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.

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.

Note: All electrical products may represent a possible shock or fire hazard if improperly installed or used.

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

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

Step 1

Step 2

M6 x 10mm Machine Screw (C)
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

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.
Vertical Wire and Infeed Manager, continued

Step 1
- Spring Nut (A)

Step 3
- M6 x 14mm Machine Screw (B)
  - Vertical Wire Manager
  - Conduit Assembly
  - Vertical Wire Manager Assembly Covers

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

Tools Needed:
Drill
Phillips #2 and #3 bits

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.
Electrical Components: Communications Mounting Box, continued

Center Beam
Note: Communications Mounting Box may be similarly installed under a Power Harness Mounting Bracket for Desks.

Step 1
- Spring Nut (C)

Step 2
- Rod Weldment (B)
- M6 x 14mm Machine Screw (D)
- Data Box (A)

Step 3
- 5/16-18 x ¾" Machines Screw (E)

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 ¾” Allen Wrench

**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.
Electrical Components: Desktop Outlet Center Module and Desk Mounted Shroud, continued
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)
\( \frac{3}{8}-18 \times \frac{3}{4} " \) 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

STEMS:

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) \( \frac{3}{8}-18 \times \frac{3}{4} " \) 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 \( \frac{3}{8}-18 \times \frac{3}{4} " \) 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) \( \frac{3}{8}-18 \times \frac{3}{4} " \) 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 \( \frac{3}{8}-18 \times \frac{3}{4} " \) 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) \( \frac{3}{8}-18 \times \frac{3}{4} " \) 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 \( \frac{3}{4} " \) 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
12" Deep Big Table Cable Basket and 6"
Deep Data Cable Basket, continued
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

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

Mounted Cable Basket Assembly

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

Foam Tape (A) (to be located directly inboard of tabs)
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)
⅜ – 18 Weld Nut (D)
Stabilizer Foot (E)
⅜ – 18 x ¾" Machine Screw (F)
Fence Frame

Tools Needed:
Drill
Phillips #2 and #3 bits

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) ⅜ – 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) ⅜ – 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

Exploded Fence Leg Assembly

Step 5

Fence Frame

\( \frac{7}{16} - 18 \) Weld Nut (D)

Leg (A)

Exploded Stabilizer Foot Assembly

Step 6

Stabilizer Foot (E)

Step 7

\( \frac{1}{8} - 18 \) Machine Screw (F)

Step 3

\( \frac{1}{4} - 20 \times 1 \frac{1}{4} \) Self Tapping Screw (C)

Leg (A)

\( \geq 12" \)

Step 2

Glide (B)

Step 1

Fence Frame with Leg and Stabilizer Foot
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 ¼" Black Wood Screw (G)
¼-20 x 1" Machine Screw (H)
¼-20 x ¼" Machine Screw (I)
#14 x 1" FH Wood Screw (J)
1 ¼" 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

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 ¼" 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 ¼" 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. ¼", 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 ¼" 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

Steps 2 through 6
Horizontal Rail Cradle (D)
Desk End Leg

Steps 7 through 13
Spacers (F)

Starter Rails

Step 15

Note: See exploded detail drawing

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 ½ BLK Machine Screw (D)
#14 x 1” FH Wood Screw (E)
#14 x 1½” BLK Wood Screw (F)
Modesty Panel

Tools Needed:
Drill
Phillips #2 and #3 bits

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 ½ 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 1½” BLK wood screw (F) per spacer.
Modesty Panels for Desks, continued

Modesty Panel

Desktop

Exploded Modesty Panel Assembly

Steps 1 & 2
Mounting Bracket Cover (B)

Steps 1 & 2
Modesty Panel Mounting Bracket (A)

Step 3
¼-20 x 5/8 BLK Machine Screw (D)

Step 5
Spacer Bracket (C)

Step 6
#14 x 1 ½" BLK Wood Screw (F)

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

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 of 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

Step 1
End Panel Mounting Bracket (A)

Step 2
¼ - 20 x 1" Machine Screw (C)

Step 3
Spacer Bracket (B)

Step 4
#14 x 1 ½" BLK Wood Screw (D)

Exploded End Panel For Desks Assembly

Step 1
End Panel Mounting Bracket (A)

Step 2
¼ - 20 x 1" Machine Screw (C)

Step 3
Spacer Bracket (B)

Step 4
#14 x 1 ½" BLK Wood Screw (D)

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 ½" 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

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 ½" 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.
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 ½" 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

**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 ½" machine screws (C) 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.

- 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.
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

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.
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)
\(\frac{3}{8}\) - 18 x \(\frac{1}{4}\)" Machine Screw (C)
\(\frac{1}{4}\) - 20 x \(\frac{3}{4}\)" Black Oxide Machine Screw (D)
Screen Bottom Extrusion
Screen

Tools Needed:
Drill
Phillips #2 and #3 bits

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) \(\frac{3}{8}\) - 18 x \(\frac{1}{4}\)" 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) \(\frac{1}{4}\) - 20 x \(\frac{3}{4}\)" 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 \(\frac{1}{4}\) - 20 x \(\frac{3}{4}\)" 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

**Steps 4 & 5**
Upholstered Intermediate Screen Rail Clamp (B)

**Steps 6 & 7**
¼ - 20 x ¾” Black Oxide Machine Screw (D)

**Step 2**
5/16-18 x ¾” Machine Screw (C)

**Step 1**
Bayonet Mount Bracket (A)

**Step 8**
Screen

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

**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
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)
1/8”-18 x 3/4” Machine Screw (D)
1/4 - 20 x 3/8” Black Oxide Machine Screw (E)
Non-Skid Pad (F)
1/4 - 20 x 3/8” Set Screw (G)
Screen Bottom Extrusion Screen

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

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) 1/8-18 x 3/4” 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) 1/4 - 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 1/4 - 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.
Fabric Intermediate Screens - Partial Depth for Use with Tops with Hinged Access, continued

- **Step 1**: Bayonet Mount Bracket (A)
- **Step 2**: 5/16-18 x 3/4” Machine Screw (D)
- **Step 3**: Upholstered Intermediate Screen Rail End Cap (C)
- **Step 4**: Hex Head Set Screw (G)
- **Steps 5, 6 & 9**: Non-Skid Pad (F)
- **Step 8**: Upholstered Intermediate Screen Rail Clamp (B)
- **Step 10**: 1/4 - 20 x 3/8” Black Oxide Machine Screw (E)
- **Step 11**: Screen

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 ¾" Black Oxide Machine Screw (C)
- Non-Skid Pad (D)

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

**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.

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 ¾" 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 ¾" 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.

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

Step 1
Non-Upholstered Intermediate Screen Rail End Cap (B)

Steps 2, 3 & 6
Non-Skid Pad

Step 5
Non-Upholstered Intermediate Screen Rail Clamp (A)

Step 7
¼ - 20 x 3/8" Black Oxide Machine Screw (C)

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 3/4" Machine Screw (C)
- Set Screw (D)
- Screen Bottom Extrusion
- Screen

**Tools Needed:**
- Drill
- Phillip #2 and #3 Bits
- 1/8" Hex Bit

**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 3/4" 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.

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.

**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.
Fabric Desktop End Screens, continued

Step 1
Screen Bottom Extrusion

Step 2
5/16-18 3/4" Machine Screw (C)

Step 3
Screen Bottom Extrusion

Step 4, 5 & 6
Upholstered End Screen Rail Clamp (B)

Step 4, 5 & 6
Set Screw (D)

Step 7
Screen

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
\(\frac{1}{8}\)" Hex Bit

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 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.
Desk Surround Screens: Laminate Back Panels with Fabric End Screens

Tools needed:
- Drill
- Painters Tape
- T8 Torx Bit
- #1 Philips Bit

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.
Desk Surround Screens:
Fabric Back Panels with Fabric End Screens

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.

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

Tools needed:
#1 Philips bit

Parts List:
Glue (A)
Painters tape (B)

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.

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.
Desk Surround Screens: Acrylic Back Panel with Acrylic End Screens

Tools needed:
Drill
Painters tape
#1 Philips bit
#2 Philips bit

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.
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.
Fabric Fence Screens

Pattern Numbers Represented:
Fabric Screens for Fence, YPSF__F

Parts List:
Bayonet (A)
U-Bracket (B)
\(\frac{5}{16}\)-18 x 1 \(\frac{1}{2}\" Hex Head Bolt (C)
Fabric Screen Panel
Fence Frame
Crown Covers

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

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 \(\frac{5}{16}\)-18 x 1 \(\frac{1}{2}\" 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

Fabric Screen Panel
Bayonet (A)
Crown Covers
U-Bracket (B)
5/16-18 x 1-1/2" Hex Head Bolt (C)

Step 1
Step 5
Step 6
Step 7
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)
1/8" x 1" Roll Pin (C)
Markerboard, Glass, Laminate or Veneer Screen Panel
Fence Frame
Crown Covers

Tools Needed:
Drill
Phillips #2 and #3 bits

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) 1/8" 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**

- **Step 3**
  - 1/8" x 1" Roll Pin (C)

**Exploded Hard Surface Fence Screen Assembly**

- **Steps 4 & 6**
  - 1/4-20 x 1 1/4" Hex Head Machine Screw (A)
  - 1/4-20 Serrated Flange Hex Nut (B)

- **Step 7**
  - Aluminum Extrusion
  - 1/4-20 x 1 1/4" Hex Head Machine Screw (A)
  - 1/4-20 Serrated Flange Hex Nut (B)
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
1/8" Drill Bit
Drill Stop
Pencil

**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 1/8" 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 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 ½" SM TRP Black Screw (D)
L Screen

Tools Needed:
Drill
Phillips #2 and #3 bits
¼" Drill Bit
Drill Stop
Pencil

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 ¼" 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 ¼" 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 ½" 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 ¼" black wood screws (B) previously removed.
Floorstanding L Screen with Pedestal, continued

Desk with Floorstanding L-Screen with Pedestal Assembly

Exploded Screen Mounting Bracket for L-Screen

Screen Mounting Bracket (A)

#12 x ¾" Black Wood Screw (B)

#12 x 5/8" SM TRP Black Screw (D)

Exploded YSFSB Bracket for L-Screen with Pedestal

L-Screen Coner Bracket (C)
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

**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

Step 1
¼-20 x ½" Flat Head Black Machine Screw (E)

Step 2 & 3

Step 4
1 ¼" between screen and bottom edge of surface

Step 7
#14 x 1 ¼" Flat Head Black Wood Screw (F)

Non-Skid Pad (D)

Mounting Bracket (B)

Spacer Plate (C)

Exploded S Screen Assembly Detail

S Screen (A)

Desk Top
### 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 ¾” Machine Screw (H)
- ¼-18 x ¾” Machine Screw (I)
- ¼-14 x ½” Wood Screw (J)
- #14 x 1” FH Wood Screw (K)

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

#### 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 ½” 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 ¼-18 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 ½” 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 ½” 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.

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Desk Supported by 22 1/2" High Template Storage, continued
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 ¼" Machine Screw (G)
#10-32 x ¼" 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

STEPS:

1. Attach (2) horizontal rail cradles (A) to the desk end leg using (2) ¼-20 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 ¼" 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 ¼" 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 ¾" 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 ¼" 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, continued

Step 1
Install (1) #10-32 x ¾" self tapping screw (H) for metal pedestals OR Install (2) ¼-14 x ¾" pan head black wood screws for wood storage or Template top.

Step 2
Install (1) #14 x 1" FH Wood Screw (I)

Step 3
1¼-20 x 5/8" Machine Screw (G)

Step 4
1¼-20 x 1" Machine Screw (F)

Step 5
#14 x 1" FH Wood Screw (I)

Desk Supported by 25" High Storage Plan Detail

Exploded Desk End Leg Assembly Detail

Exploded Desk Support Adapter 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)

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)
1/4-20 x 1" Machine Screw (G)
1/4-20 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

STEPS

1. Confirm position of supportive shelf in previously installed Template unit. The top surface of the shelf should be positioned at 28 1/2".
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 (YB..._) 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). 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).

   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) 1/4-20 x 5/8" machine screws (H). The rail end support cradles should be positioned at the ends of the rails.
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

Step 12

Step 4

Steps 5 & 7

Steps 6 & 11

Step 9

Steps 2, 3 & 10

1/4-20 x 7/8" Machine Screw (H)

Cradle Clamp Bracket (C)

Rail

1/4-20 x 1" Machine Screw (G)

Table Desk Cradle (A)

#14 x 1" FH Wood Screw (I)

Table Desk End Leg

#14 x 1" FH Wood Screw (I)

Rail End Support Cradle (B)

W-Bracket (F)

#14 x 1" FH Wood Screw (I)

#14 x 1" FH Wood Screw (I)

#14 x 1" FH Wood Screw (I)
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 ½" 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

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 ½" 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.

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 outside 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.

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.

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Antenna® Workspaces Installation Instructions
Big Table with 22"H Template End Support, continued

Step 1
Horizontal Rail Cradle (A)
¼-20 x 1" Machine Screw (F)

Step 2
Center Beam Mounting Bracket (C)
¼-20 x 1" Machine Screw (F)

Step 3
Horizontal Rail Cradle (A)
¼-20 x 1" Machine Screw (F)

Step 4
¼-20 x ½" Machine Screw (G)
Cradle Clamp Bracket (B)

Step 5
Horizontal Rail Cradle (A)
¼-20 x 1" Machine Screw (F)

Step 6
Center Beam Mounting Bracket (C)
¼-20 x 1" Machine Screw (F)

Step 7
Center Beam Mounting Bracket (C)
¼-20 x 1" Machine Screw (F)

Step 8
Spring Slot Nut (E)
M6 x 25mm Machine Screw (I)

Step 9
Spring Slot Nut (E)
M6 x 25mm Machine Screw (I)

Step 10
Center Beam Mounting Bracket C-Clamp (D)

Step 11
#14 x 1" FH Wood Screw (H)

Step 12
#14 x 1" FH Wood Screw (H)

Back Detail of Big Table Leg Adapter Bar (J)

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

Big Table Leg Adapter Bar (J) - see back detail drawing
Big Table with 25"H Template End Support

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 ½" 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.

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.

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).

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 ½" 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

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

(A) 3AB4174*  (B) 3AB4007*  (C) 3AB4026*  (D) 4A214020140
(E) 7189140  (F) 7434100  (G) 3AB417395
Big Table with 25"H Template End Support, continued

Step 1
¼-14 x ½" Wood Screw (D)
Desk to Pedestal Cradle (C)

Step 2
Desk to Pedestal Cradle (C)

Step 3
¼-20 x ⅜" Machine Screw (E)
Cradle Clamp Bracket (B)

Step 4
Cradle Clamp Bracket (B)

Step 5
Center Beam to Template Mounting Bracket (A)

Step 6
Center Beam

Step 7
Center Beam to Template Mounting Bracket (A)

Step 8
Center Beam to Template Mounting Bracket (A)

Step 9
#14 x 1" FH Wood Screw (F)

Step 10
#14 x 1" FH Wood Screw (F)

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 ¼" 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
¼" Allen Key

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

Antenna Desk with Laptop Drawer

Laptop Drawer Bracket to Rail Attachment Detail
Laptop Drawer and Cable Net, continued

Exploded Laptop Drawer Assembly

- Steps 3 & 4
  - Storage Hanging Bracket (A)

- Step 6
  - ¼ - 20 x ¾" Set Screw (C)

- Desk Rails

- Laptop Drawer Case

- Steps 7
  - Grommet (D)

- Steps 2 & 9
  - Laptop Drawer

- Steps 3 & 5
  - ¼ - 20 x ½" Machine Screw with Washer (B)
Laptop Drawer and Cable Net, continued

Exploded Cable Net Attachment Detail

Cord Netting (E)

Step 11

#8 x ½" Machine Screw (F)
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 ¾" Set Screw (C)

**Tools Needed:**
- Drill
- Phillips #2 and #3 bits
- ¼" Allen Key

**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.
Keyboard Tray Mount Kit

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

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

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

**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 ½" 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.
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

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.
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

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

Step 3

Upmount Cabinet

Stanchion Assembly

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Antenna® Workspaces Installation Instructions
Stanchion Mounted Storage for Big Table, continued

**Exploded Stanchion Assembly**

Step 1

- Stanchion Base (B)
- Spring Nut (D)
- ¼ - 20 x 1.75" Torx Head Self Tapping Screw, Zinc (F)

Step 2

- Stanchion Extrusion (A)
- ¼-20 x ½" Machine Screw (G)

Step 5 & 7

- M6 x 25 mm Machine Screw (E)
- Stanchion Top Plate (C)

Step 4

- ¼ - 20 x 1.75" Torx Head Self Tapping Screw, Zinc (F)

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Stanchion Mounted Storage for Fence: Cabinet or Platform

Pattern Numbers Represented:
(2) Fence Stanchions, YSU2F_
(3) Fence Stanchions, YSU3F_

Parts List:
Stanchion Extrusion (A)
Stanchion Base (B)
Stanchion Top Plate (C)
U-Bracket (D)
½ – 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

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.
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 ½ – 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.

NOTE: The holes in the top of the Fence frame repeat every 3”.

(A) For 25”H Fence: 3AB405301*
   For 28”H Fence: 3AB405302*
(B) 3AB4037*
(C) 6AA4673*
(D) 3AB405400
(E) 7231496
(F) 4A2200396
(G) 7143440

Assembled Stanchion Mounted Storage for Fence

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Stanchion Mounted Storage for Fence: Cabinet or Platform, continued

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

Upmount Storage

Fence Frame with Crown Covers

Exploded Stanchion Mounted Storage for Fence

Exploded Stanchion Assembly Detail

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

Step 7

Step 8

1/4 - 20 x 1.75" Torx Head Self Tapping Screw, Zinc (F)

1/4 - 20 x 1 1/2" Machine Screw (G)

1/4 - 20 x 1.75" Torx Head Self Tapping Screw, Zinc (F)

1/4 - 20 x 1 1/2" Machine Screw (G)

5/16 – 18 x 1 1/2" Hex Head Bolt (E)

Stanchion Top Plate (C)

Stanchion Extrusion (A)

Stanchion Base (B)

U-Bracket (D)
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

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<tr>
<th>EXISTING CONSTRUCTION</th>
<th>NEW CONSTRUCTION</th>
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<tr>
<td><strong>Stud Specification</strong></td>
<td>Wood studs, grade #2 or better, 3 1/2&quot; minimum width, OR Metal studs, minimum 25 gage thickness, 3 5/8&quot; minimum width</td>
</tr>
<tr>
<td><strong>Stud Centers</strong></td>
<td>Metal and wood studs must be spaced at 16&quot; c/c maximum</td>
</tr>
<tr>
<td><strong>Stud Height</strong></td>
<td>Metal and wood studs must extend upwards, and be securely attached to the roof/ floor structure above</td>
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### 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 stud 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 wall 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 each wood block every 6"

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 block 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. @ 8" c/c, screwed directly into the wood blocking
- 3/16" x 3 1/2" Tapon Masonry Screws or equiv. @ 8" c/c with 1-1/4" embedment, screwed directly into the wood blocking
- #10 x 2 1/2" Grabber Woodys Screws or equiv. @ 8" c/c, screwed directly into the wood blocking

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<th>Additional Required Bracing</th>
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<tr>
<td>END CONDITION (only if cleat extends more than 6&quot; past stud)</td>
<td>Danback™ flexible wood backing system or equivalent</td>
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| Additional Required Construction | No |

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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

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 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
1/16" Diameter Drill
Square Drive Screw Driver

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 1/4" adjustability. (Fig. 7)

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Wall Mounted Overhead Cabinet Sliding Doors, continued

1. Rotate gear to adjust door height.
2. Align bottom track of door with guide pin.
3. Tighten set screw to keep stopper in place.

**Figure 2**

**Figure 3**

**Figure 4**

**Figure 5A**

**Figure 5B**

**Figure 6**

**Figure 6A**

**Figure 7**
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