k.™ bench

Installation Instructions

Notes:

- See k. bench Replacement Parts on knoll.com+ for orderable service part numbers. Some components are available as replacement kits only.

Knoll

Contents

Dual Bench (2, 3, or Mixed Segment)

Pattern Numbers Represented:

k. bench, KHABE_ _ _
Linking Bridge, KHABLB_
Back-to-Back Connector Shroud, KHABCS_

Parts List:

Trough (A)
Crossbar (B)
Column, Left Hand, 2 or 3 Segment (C)
Column, Right Hand, 2 or 3 Segment (D)
Rail Set (E)
Rail Set for Motor Controller (F)
Inner Tube (G)
Cantilever (H)
Motor Control Box, 2 or 3 Segment (I)
P-Clamp, 5⁄16" (J)
P-Clamp, 3⁄16" (K)
Power Cord (L)
Column Extension Cord (M)
Zip Tie (N)
Rubber Bumper (O)
Isolation Bushing (P)

k. bench hardware kit, consisting of:
M6-1x10mm Set Screw (Q)
M6-1x10mm Flat Head Socket Screw (R)
M10-1.5x25mm Socket Cap Screw (S)
10.5/20mm x 2mm Washer (T)
M6-1x14mm Button Head Socket Screw (U)
#10 x 1" Pan Head Wood Screw (V)
#6 x 5⁄8" Pan Head Zinc Wood Screw (W)

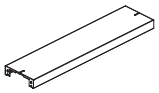
Handset Kit, Toggle, consisting of:
Toggle Handset (X)
#6 x 5⁄8" Pan Head Zinc Wood Screw (Y)
Or
Handset Kit, Digital, consisting of:
Digital Handset (Z)
#8 x 3⁄4" Pan Head Zinc Wood Screw (AA)

Tops
Linking Bridges (if applicable)
Crossbar Shrouds (if applicable)

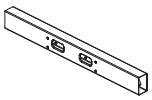
Tools Needed:

Hex bits: 3mm, 4mm, 5mm
Torque Wrench with 8mm Hex Bit Socket (for 33 ft-lbs)
Power Driver with #2 Phillips Bit

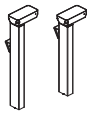
(A) 38" – 62" wide, varies



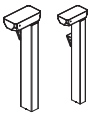
(B) 3AH1001



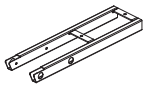
(C) 3AH0030 (2 segment, LH) or 3AH0028 (3 segment, LH)



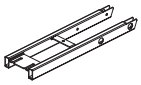
(D) 3AH0029 (2 segment, RH) 3AH0027 (3 segment, RH)



(E) 3AH1009

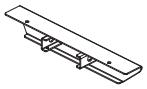


(F) 3AH1010

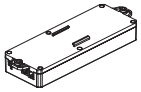


(G) 3AH1011

(H) 3AH1004



(I) 3AH5004_2SEG or 3AH5004_3SEG



(J) 3AH5005

(K) 3AH5004

(L) 3AH5008

(M) 3AH5009

(N) 3AH4041

(O) 3AH4042

(P) 4A22297

(Q) 4A22296

(R) 4A22293

(S) 4A22294

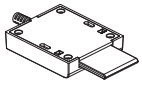
(T) 4A22259

(U) 4A22295

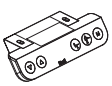
(V) 4A22284

(W) 4A22272

(X) 3AH4030



(Y) 3AH4031



(Z) 3AH4153

Steps

FOR ILLUSTRATED STEPS, SEE PAGES 5–11

Construct and Position the Two Rail Assemblies

1. Insert the ends of (2) Inner Tubes (G) into a Rail Set (E). Position a Rail Set for Motor Controller (F) onto the (2) opposite ends of the Inner Tubes (G).

   Position this rail assembly on the floor, in the general location for the 1st station, so that the cross braces on the rail sets are facing downward. Ensure that the motor control box mounting plate is located right or left of center, as intended.

   Note: The Handset (X/Y) will be mounted on the same side as the Motor Control Box (I).

   Space the two Rail Sets (E & F) far enough apart that the ends of the Inner Tubes (G) clear the pairs of holes on the sides of the Rail Sets (E & F).

   Note Exceptions: For 48"w & 54"w dual benches, the ends of the Inner Tubes (G) will sit further into the Rail Sets (E & F). For a 48" or 54" w application, center the Inner Tubes (G), and space the Rail Sets (E & F), so that the corresponding access holes in the Inner Tubes align with the innermost holes on the sides of the Rail Sets (see Step 1 drawing).

2. Loosely install (8) M6-1 x 10mm set screws (Q) into the upward facing threaded holes in the rails. Take care not to gouge the inner rail tubes.

   Repeat Steps 1 & 2 for the second rail assembly.

Attach the Column Legs and Crossbars

3. Place one Left Hand Column (C) within the rails at the right end of a rail assembly (Note: the right side will become the left side once the table is inverted upwards), with the cord facing inward, and the column/crossbar mounting brackets facing the second rail set. Secure the column with (4) M6-1 x 10mm flat head socket screws (R).

   Repeat for the Right Hand Column (D) at the other end, ensuring that the column/crossbar mounting brackets are facing the same direction (toward the second rail assembly).

   Repeat Step 3 for the second rail assembly, ensuring that the column/crossbar brackets are facing the first rail assembly.

4. Position an inverted Crossbar (B) at each end of the rail assembly set. The large bottom openings should be facing upward, with the 8-hole pattern facing inward.

5. Retain the crossbar orientation while sliding the Crossbar (B) over the column/crossbar brackets. Pull the Columns (C/D) into the Crossbar (B) and fasten using (1) 10.5/20mm x 2mm washer (T) and (1) M10-1.5 x 25mm socket cap screw (S) at each crossbar end. Torque to 33 ft-lb (45 N-m).

Complete Support Assembly

6. With assistance, turn the entire assembly over so that the leveling glides rest directly on the floor.

7. Slide (4) Cantilevers (H) into the outside ends of the rail assemblies, with the two holes facing upward on each cantilever. Secure each cantilever from below with (2) M6-1 x 14mm button head socket screws (U).

8. Loosely install (4) M6-1 x 14mm button head socket screws (U) into the threaded holes in the inner side of a Crossbar (B). Leave a gap of approximately 3⁄16" under the screw heads. Repeat for the opposite crossbar.

9. Expand the adjustable rail assemblies so that the crossbars are spaced about ½" wider than the width of the Trough (A).

10. With assistance, hang one end of the Trough (A) onto a set of (4) screws installed in Step 8.

    Slide the crossbars together, engaging the remaining set of (4) screws into the keyhole slots in the opposite end of the Trough (A).

    Allow the Trough (A) to settle fully onto the screws, then tighten all (8) screws.

11. Position the assembly in its intended location, and level the crossbars and trough.

12. With all the columns at their lowest height, center the (4) Rubber Bumpers (O) on top of the Inner Tubes (G). Ensure each column is plumb, then secure the rails from below by tightening the (16) previously installed set screws (Q).

Steps (con't)

Install Electrical Components

Note: 2-segment motor control boxes are identified with a BLUE dot, matching the dot on top of 2-segment columns. 3-segment motor control boxes are identified with a GREEN dot, matching the dot on top of 3-segment columns.

13. Position the two Motor Control Boxes (I) by sliding each one onto its mounting plate under each rail assembly.

14. For each rail assembly, plug both columns' cords into the Motor Control Box (I) where "M1" & "M2" are indicated, using a Column Extension Cord (M) to reach the further column.

15. For each rail assembly, plug the Handset (X/Y) into the Motor Control Box (I) where "HS" is indicated.

16. For each rail assembly, plug one end of a Power Cord (L) into the Motor Control Box (I), where "AC" is indicated, and the other end into the building power supply.

Reset Each Station

17. To reset, press and hold the DOWN button until the station reaches its lowest height. Release the DOWN button.

    Press and hold the DOWN button again for 5 seconds or until the LED display reads "RST". Release the DOWN button.

    Once more, press and hold the DOWN button until the desk lowers a little bit more, slightly rises and stops. Release the DOWN button one final time. The Station has been properly Reset.

18. Cycle the stations to their maximum heights, then back to their minimum heights, ensuring acceptable function.

Connect Adjacent Stations (if applicable)

19. Position adjacent dual bench units end to end, spaced so that the crossbars are approximately 7" apart.

    Note: If tops are already installed, temporarily space tops approximately 2" apart.

    Loosely install (4) M6-1 x 14mm button head socket screws (U) into the threaded holes in the outer side of each facing Crossbar (B). Leave a gap of approximately 3⁄16" under the screw heads.

20. Place the Linking Bridge against one Crossbar (B) so that the protruding screws insert into the keyholes. Before lowering the linking bridge, slide the other station to engage the protruding screws into the other end of the linking bridge. Lower the Linking Bridge into its fully seated position, then tighten all (8) screws.

Install Tops

21. Determine the back edge of the tops by looking for the line of (7) pilot holes for the Power Strip and Hinged Cover near the rear of the top.

    Note: Take care to ensure that the factory installed rubber bumpers and the isolation bushings remain in place (in the inner tubes, rail sets, and cantilevers) while adjusting the top position. It is best to lift the top slightly while repositioning.

    Position the top on the base so that the back edge of the top is 2" forward from the centerline of the base (back-to-back tops will be 4" apart). The side edge of the top should sit 1" over each cantilever bracket (side-to side, tops will be 1" apart.)

22. Attach the top using (2) #10 x 1" pan head wood screws (V) per cantilever, and (3) #10 x 1" pan head wood screws (V) through the cross braces of each rail assembly, maintaining the position of the isolation bushing for each screw.

    Repeat steps 20-21 for each top to be installed.

Affix Handsets

23. Affix each handset, toggle or digital (X/Y), to the underside of the worksurface, at the front edge, using (2) #6 x 5⁄8" pan head zinc wood screw (W) per toggle handset, or (2) #8 x 3⁄4" pan head zinc wood screw (Z) per digital handset.

    Note: For the toggle handset, align the front tip of the toggle with the front edge of the worksurface.

Cable Manage Base Cords

24. Utilize the zip ties (N) and P-Clamps (J/K) provided to route and manage the power cords. Affix the P-Clamps to the underside of the worksurface with (1) #6 x 5⁄8" pan head wood screw (W) per P-Clamp.

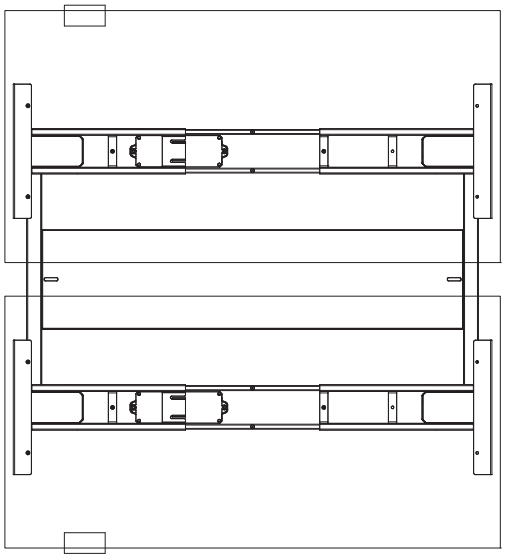
Install Crossbar Shrouds

25. Position Crossbar Shroud above the Crossbar (B), then slide down into place.

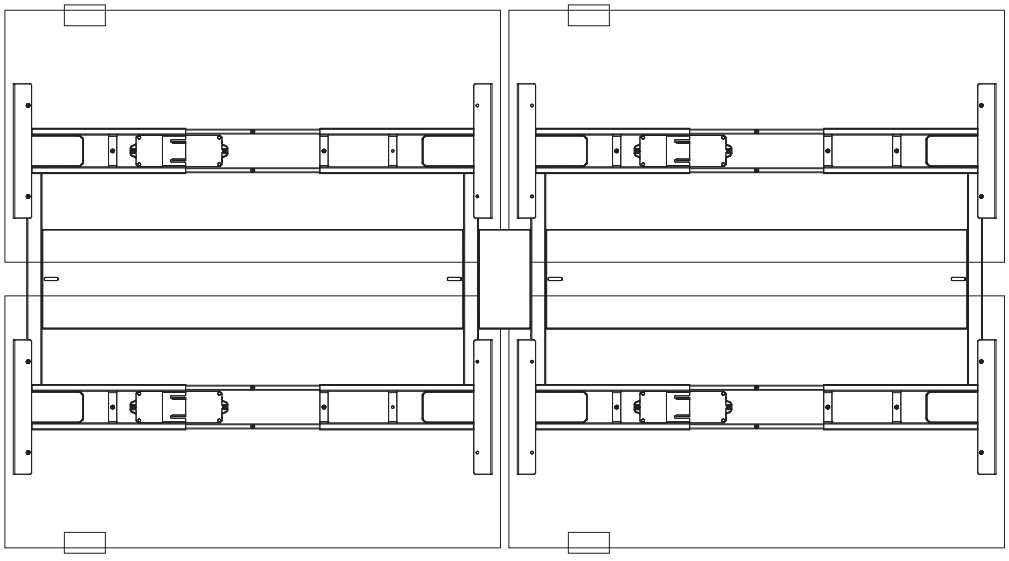
Level Completed Installation

26. Adjust the leveling glides as necessary to level the complete installation.

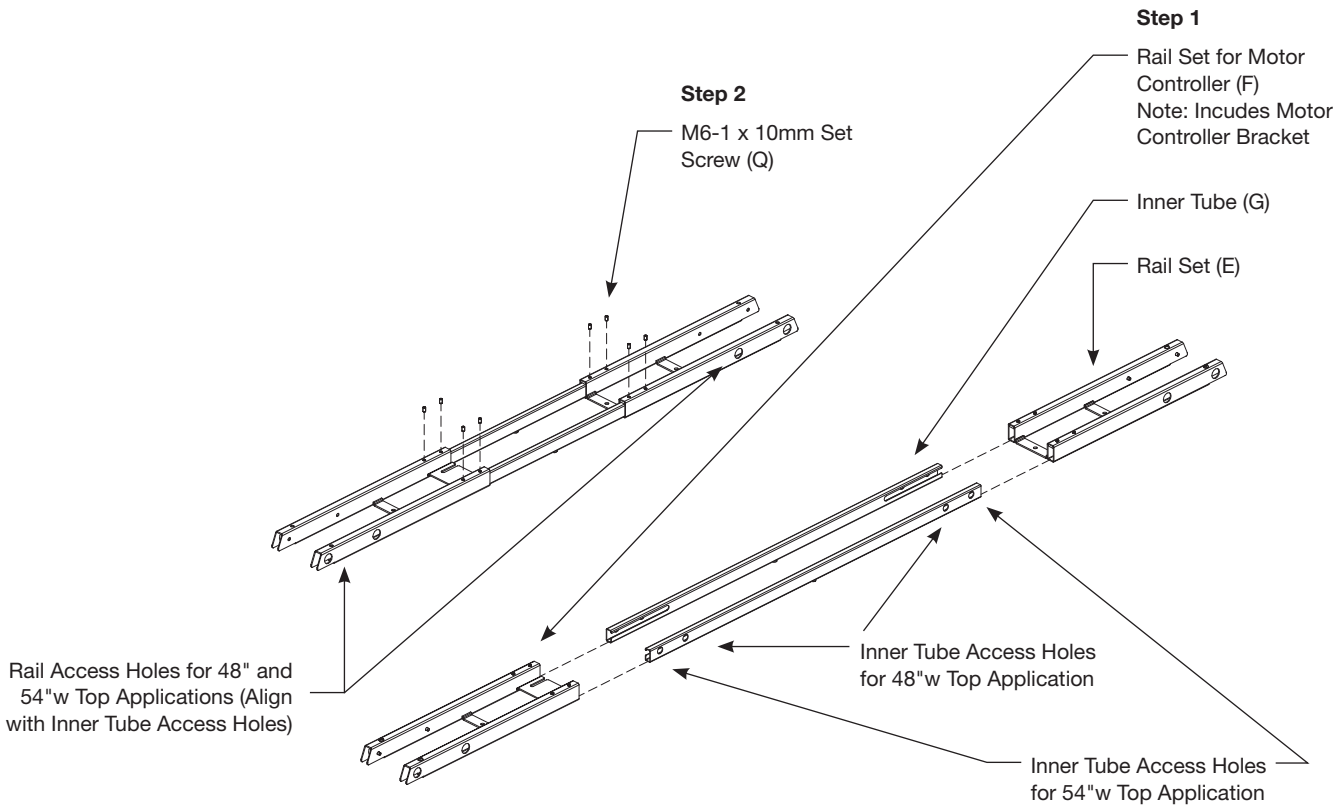
Dual Bench, Plan View



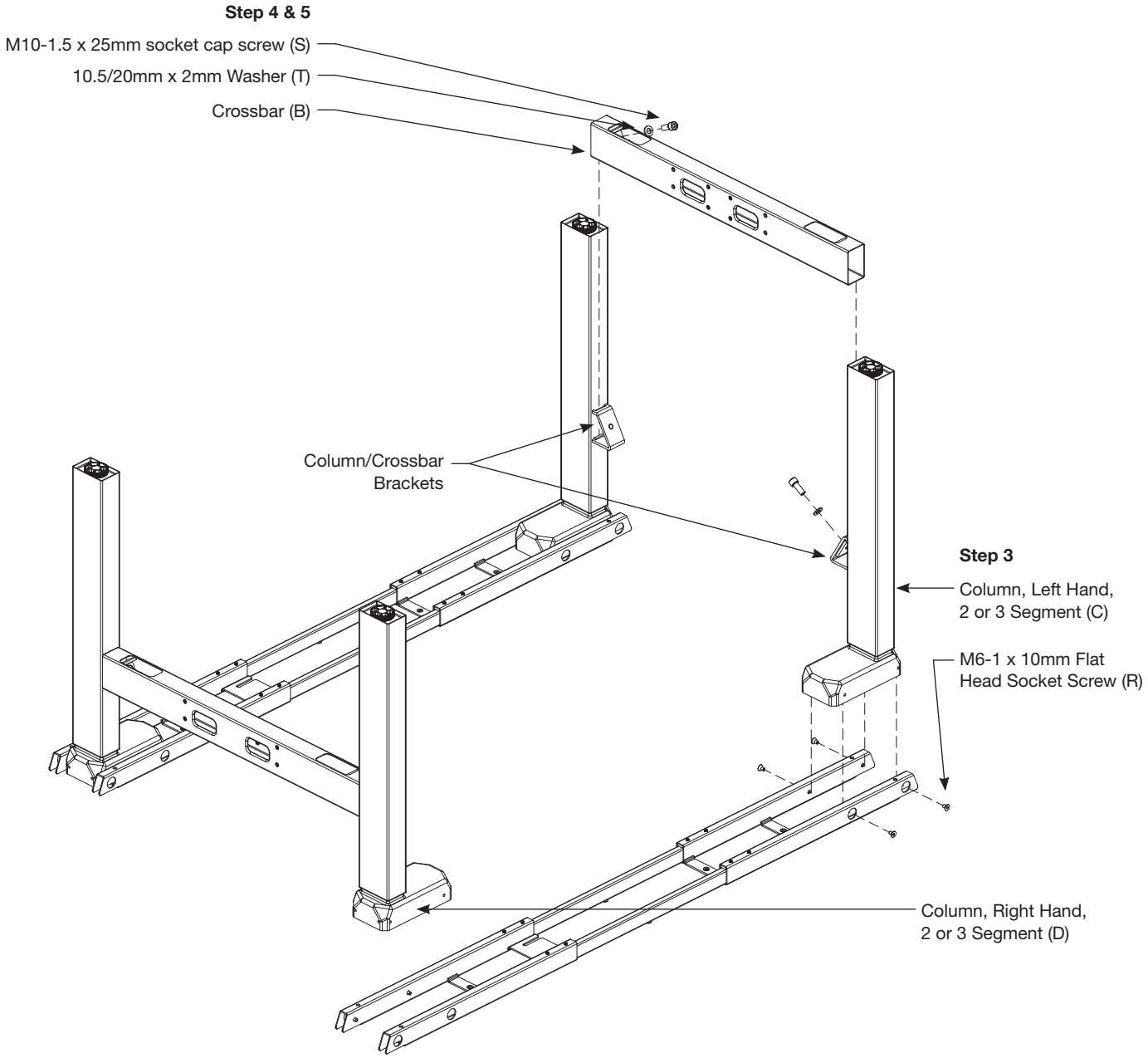
Dual Bench, Plan View
(2) Dual Benches Connected



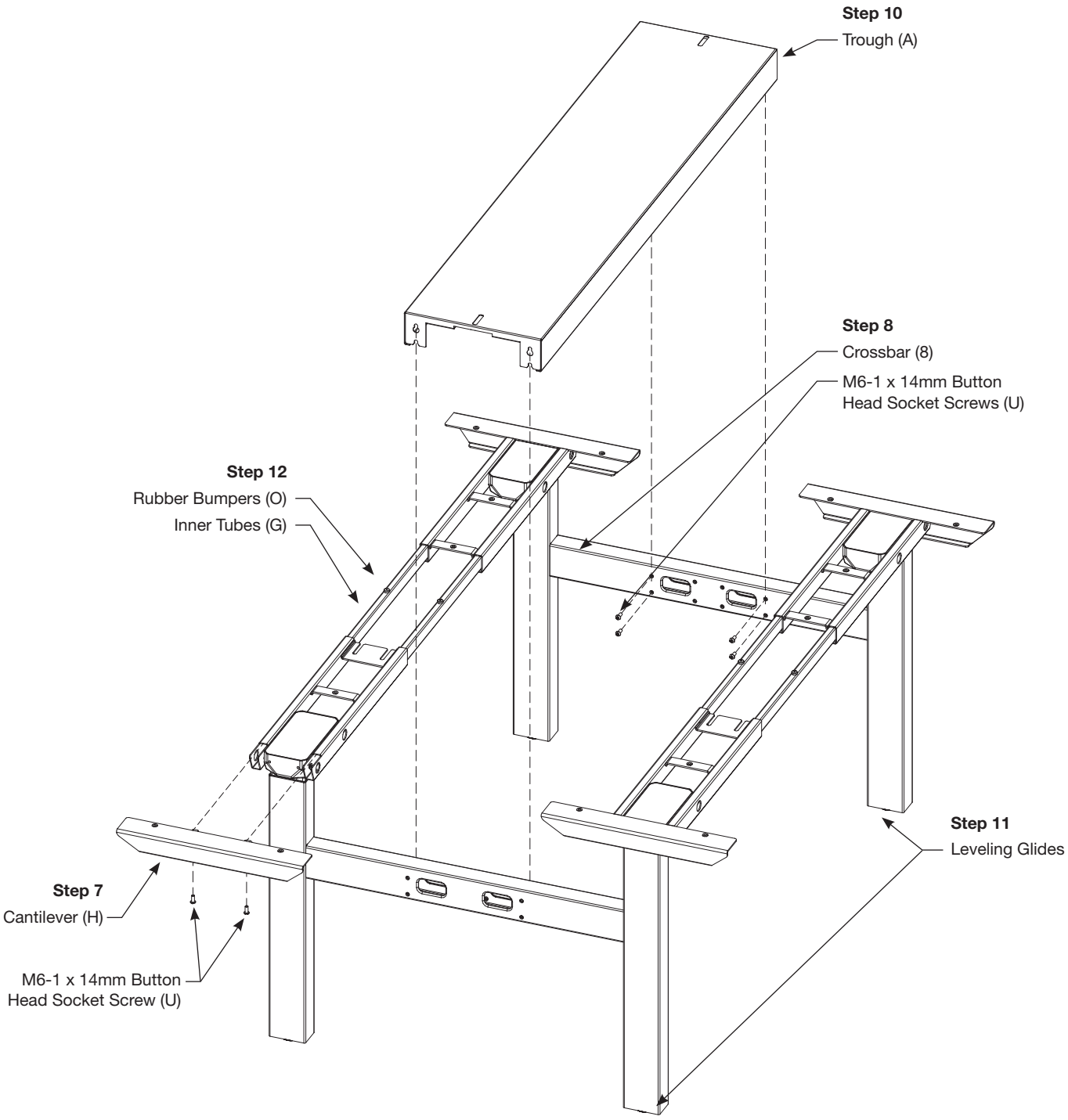
Dual Bench, Rail Assembly, Steps 1&2 Shown Partially Completed, and Exploded



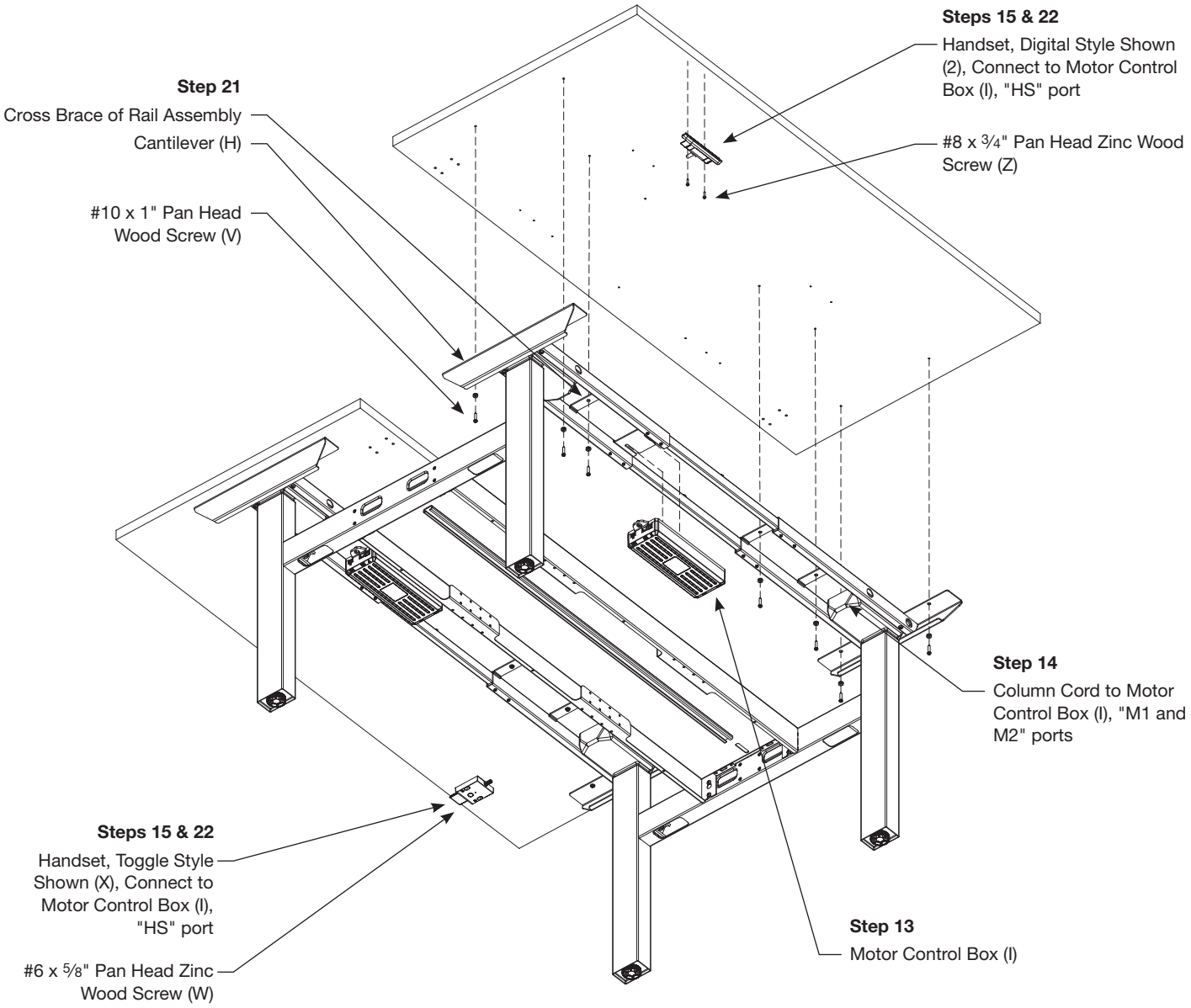
Dual Bench, Leg and Crossbar Assembly, Steps 3-5 Shown Partially Exploded



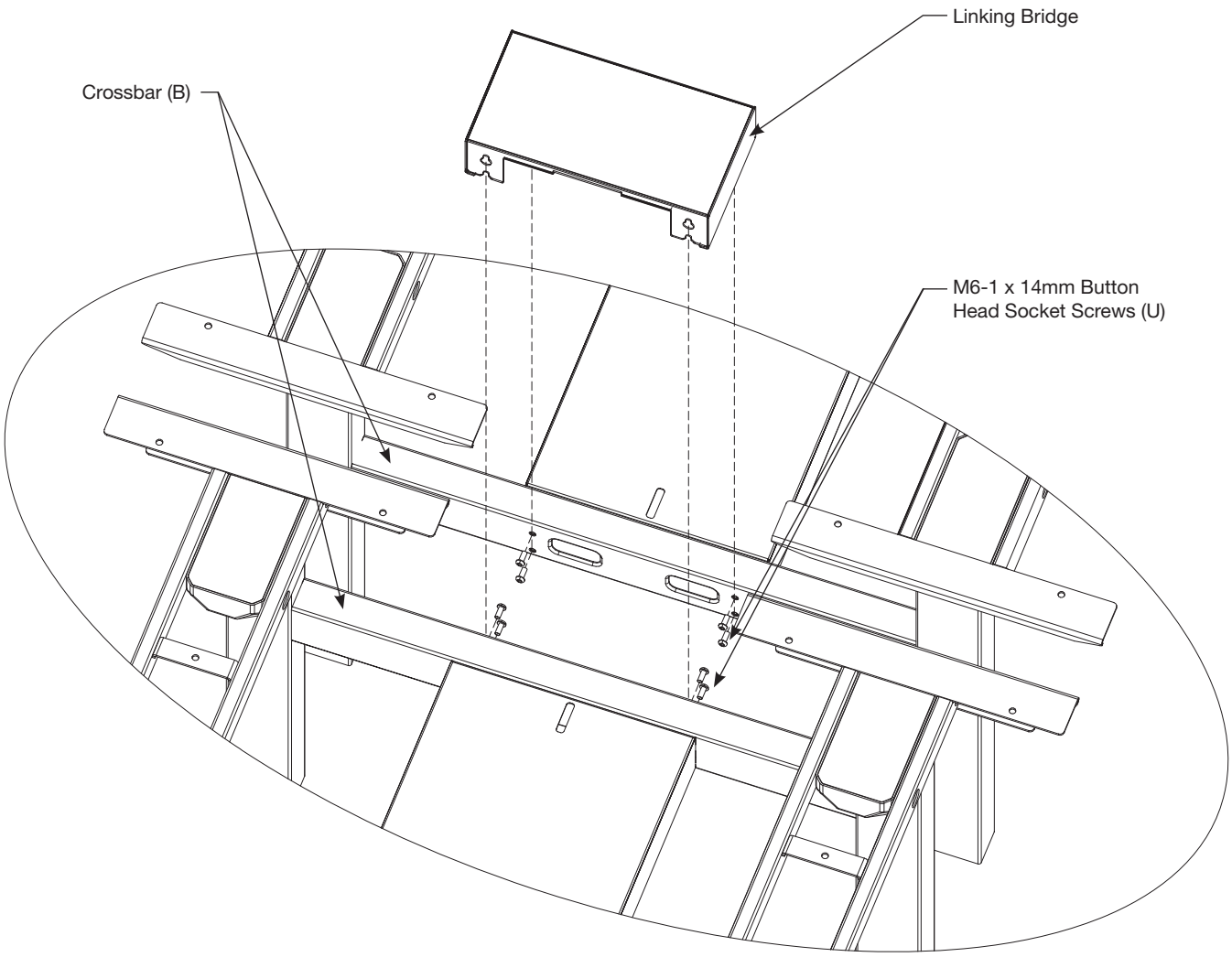
Dual Bench, Steps 7-12 Shown Partially Exploded



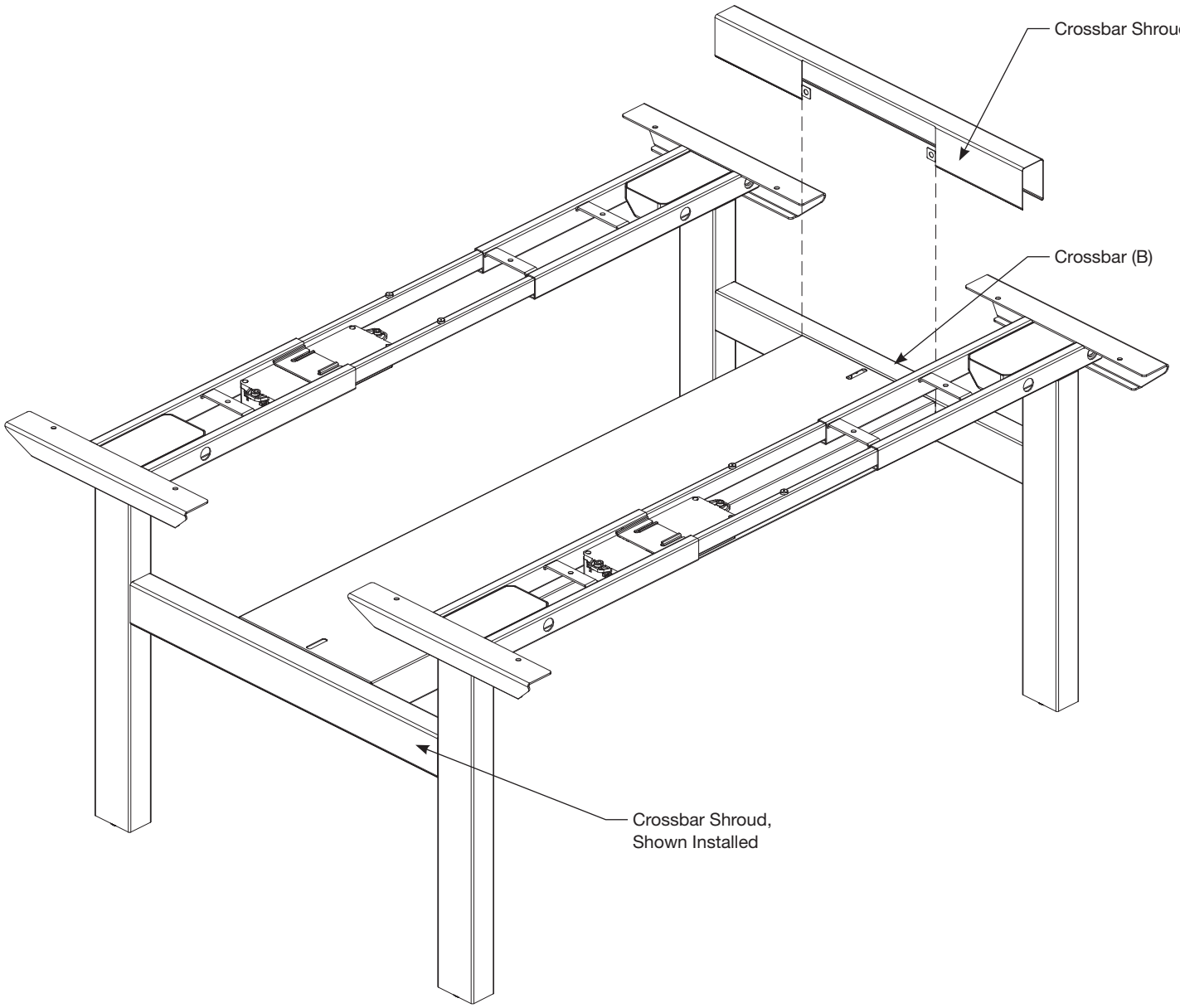
Dual Bench, Electrical Component & Top Installation, Steps 13-15, 21-22 Partially Exploded, View From Below



Dual Bench, Partially Exploded View, Steps 19-20 Linking Bridge Installation



Dual Bench, Step 25
Crossbar Shroud Intallation



Desk Screen

Pattern Numbers Represented:

Desk Screen, KHABSB_ _
Fabric Board for Desk Screen, KHABFB_ _

Parts List:

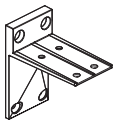
Mounting Bracket (A)
¼-20 x 5/8" Machine Screw (B)
#14 x 1" Flat Head Wood Screw (C)

Desk Screen Panel (Hard Surface)
Fabric Board for Desk Screen (optional)

Tools Needed:

Power Driver with #2 Phillips Bit

(A) 3AH4000



(B) 7189140

(C) 7434100

Steps

FOR ILLUSTRATED STEPS, SEE PAGES 14–15

Affix Fabric Board to Desk Screen Panel (Optional Steps for Desk Screens with Fabric Board Accessory)

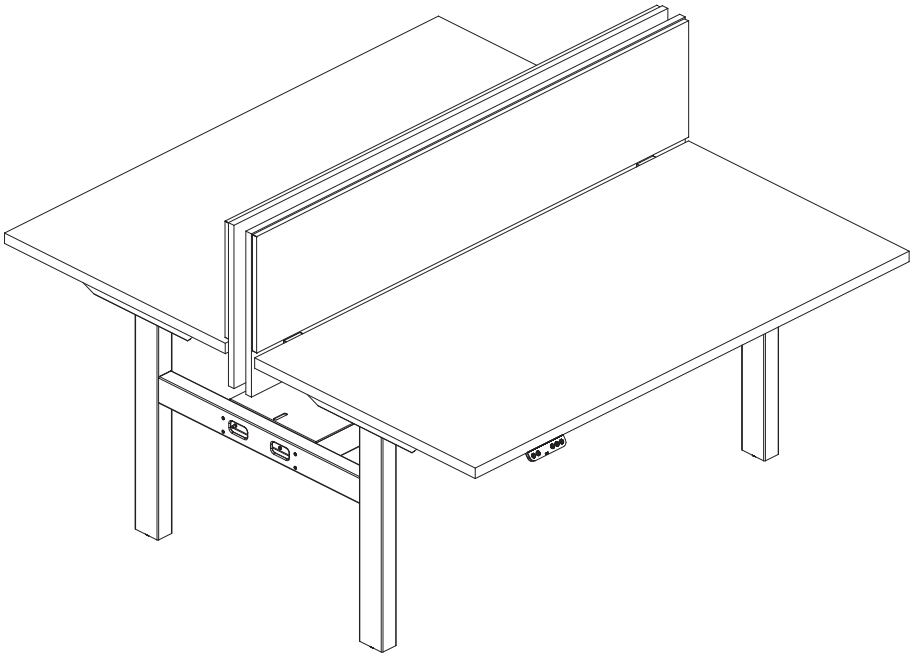
1. Lay the Desk Screen Panel (Hard Surface) on a clean, flat surface with the predrilled holes facing up and toward the bottom of the panel.
2. Prepare the Fabric Board by peeling and folding back about 60% of the tape liner paper from each double-sided tape strip on the back of the Fabric Panel. Pull the liner paper up from the bottom of the Fabric Board and fold it back onto itself so that about 2" of liner paper sticks up beyond the top edge of the fabric board.
3. While holding the bottom portion of the Fabric Board, position the Fabric Board onto the Desk Screen Panel, taking care to not allow the exposed sticky portion of the tape to contact the Desk Screen Panel. The top edge of the Fabric Board should be able to slide on the Desk Screen Panel, while the bottom edge is held, slightly tipped up.
4. Position the Fabric Board so that its top edge is 1/8" below the top edge of the Desk Screen Panel, and its side edges are equally spaced 1/8” inboard from the side edges of the Desk Screen Panel.
5. While maintaining this top/side position, lower the bottom edge of the Fabric Board onto the Desk Screen Panel, so that the exposed sticky portions of the tape strips contact the face of the Desk Screen Panel, setting the location of the Fabric Panel.
6. Apply pressure to the Fabric Board, downward from the middle of the board to the bottom of the board, in the locations of the tape strips.
7. Carefully pull the tabs of the liner paper up to remove the paper and expose the remaining tape surface.
8. Apply pressure to the Fabric Board, upward from the middle of the board to the top of the board.

Install Desk Screen

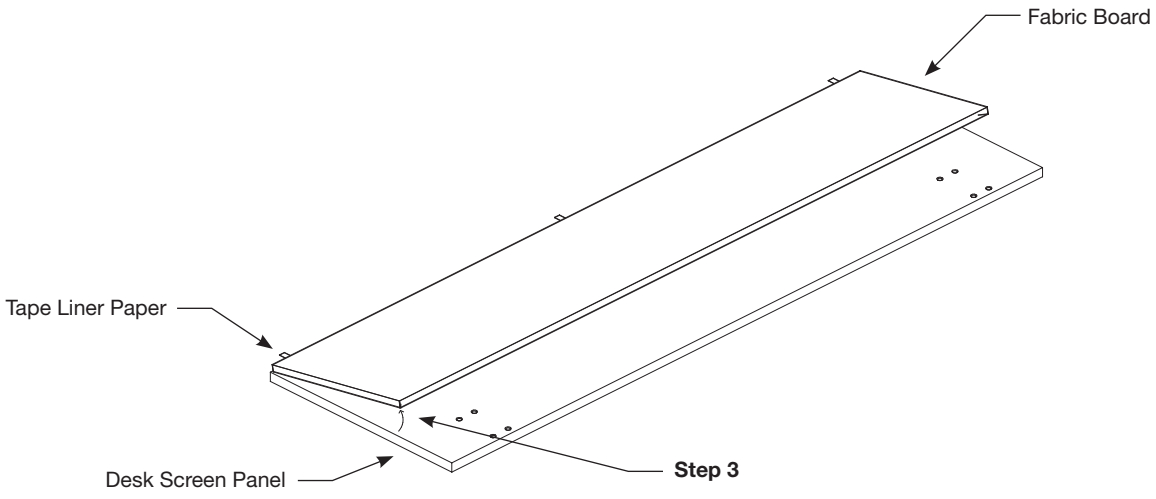
9. Attach (2) Mounting Brackets (A) to the Desk Screen Panel, using (4) ¼-20 x 5/8" Machine Screws (B) per bracket.

   Note: Drop all plug heads over back edge of table prior to installation of desk screen if top with grommet is not specified. Wire drop is minimal 1/2" with screen installed for cables only, not plug head.
10. With a second person to hold the screen, position the desk screen so that the holes in the Mounting Brackets (A) align with the pre-drilled holes in the bottom of the worksurface.
11. Attach the screen to the underside of the worksurface using (4) #14 x 1" Flat Head Wood Screws (C) per bracket.

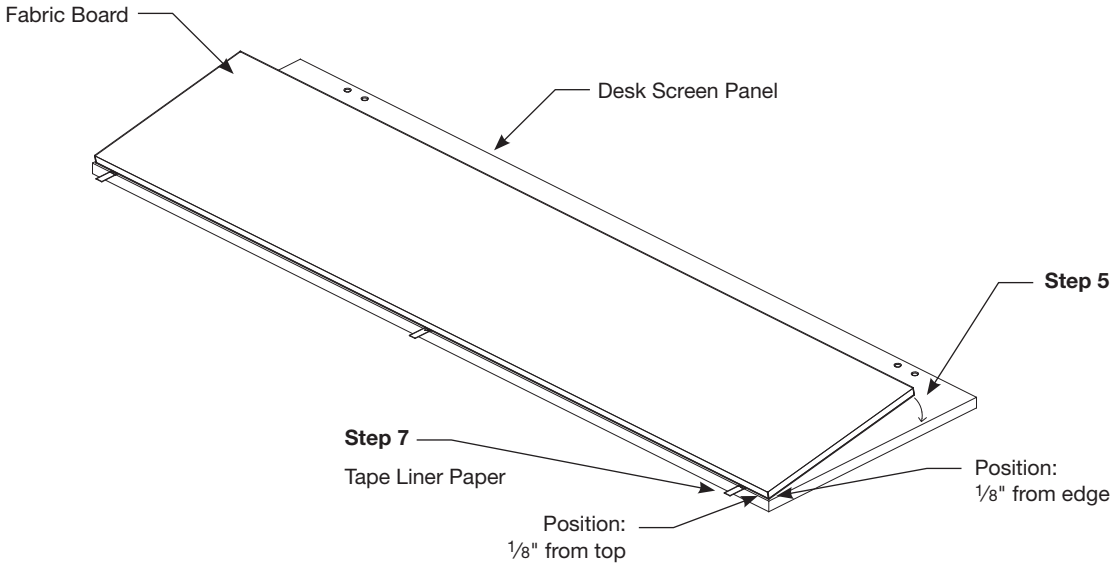
k. bench Desk Screens Installed, Axonometric View, Two Screens with Optional Fabric Boards Shown



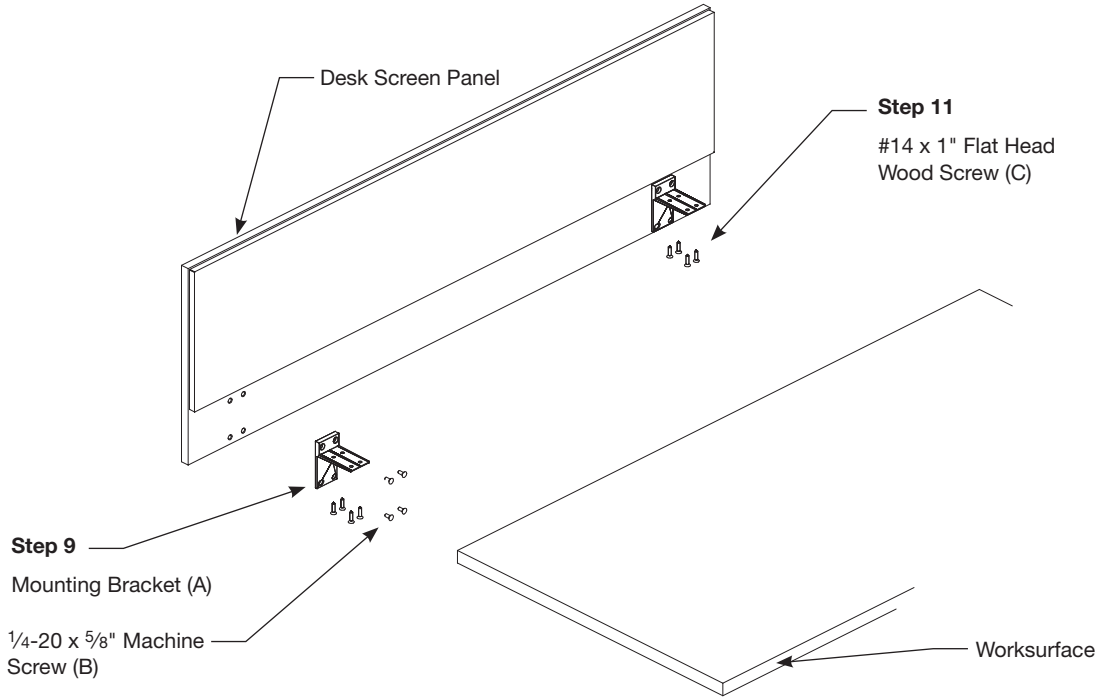
k. bench Desk Screens Fabric Board Installation, Steps 1-3



k. bench Desk Screen Fabric Board Installation, Steps 4-8



k. bench Desk Screens Partially Exposed View Shown with Optional Fabric Board Attached



Center Screen

Pattern Numbers Represented:

Center Screen, KHABSC_

Parts List:

Front Upper Mast, Countersunk (A)
Back Upper Mast, Flat (B)
LH Mast Bottom Bracket Weldment (C)
RH Mast Bottom Bracket (D)
Screen Mast Shroud (E)
M6-1 x 29mm Flat Head Machine Screw (F)
M6-1 x 14mm Button Head Hex Machine Screw (G)
M8-1.25 x 25 Button Head Hex Machine Screw (H)

Center Screen Panel (Upholstered or Hard Surface)

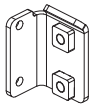
Tools Needed:

Power Driver with #2 Phillips Bit
Rubber Mallet
Soldering Iron (for fabric covered screens)
Protective Pad (e.g., a folded microfiber towel)

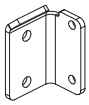
(A) 3AH401002

(B) 3AH401102

(C) 3AH4014



(D) 3AH4013



(E) 3AH4029

(F) 4A22298

(G) 4A22295

(H) 4A22309

Steps

FOR ILLUSTRATED STEPS, SEE PAGES 18–20

1. Locate the Center Screen Panel mast holes in the screen core material. They will be located 4-¾" inboard from the sides of the screen

2. For a fabric covered Center Screen Panel, pierce both sides of the fabric at each hole location. A soldering iron works well for this, as it thoroughly seals the edges of the cut fabric to prevent fraying.

3. Attach a pair of Front and Back Upper Masts (A&B) to the panel at both ends of the screen, using (2) M6-1 x 29mm flat head machine screws (F) per pair.

   Note: Be sure to take notice that the front side of the screen core is drilled with countersunk holes — the back side is not. The Front Upper Mast (A) must be attached to the front of the screen, and the screws must enter through those Front Upper Masts, so the screws can properly countersink into the masts.

   Leave the screws slightly loose; do not completely tighten the screws at this point.

4. Attach a LH Mast Bottom Bracket Weldment (C) and a RH Mast Bottom Bracket (D) to both k. bench crossbars using (2) M6-1 x 14mm button head hex machine screws (G) per bracket. Ensure that the lead-in flanges are facing upward, immediately below the slot in the trough.

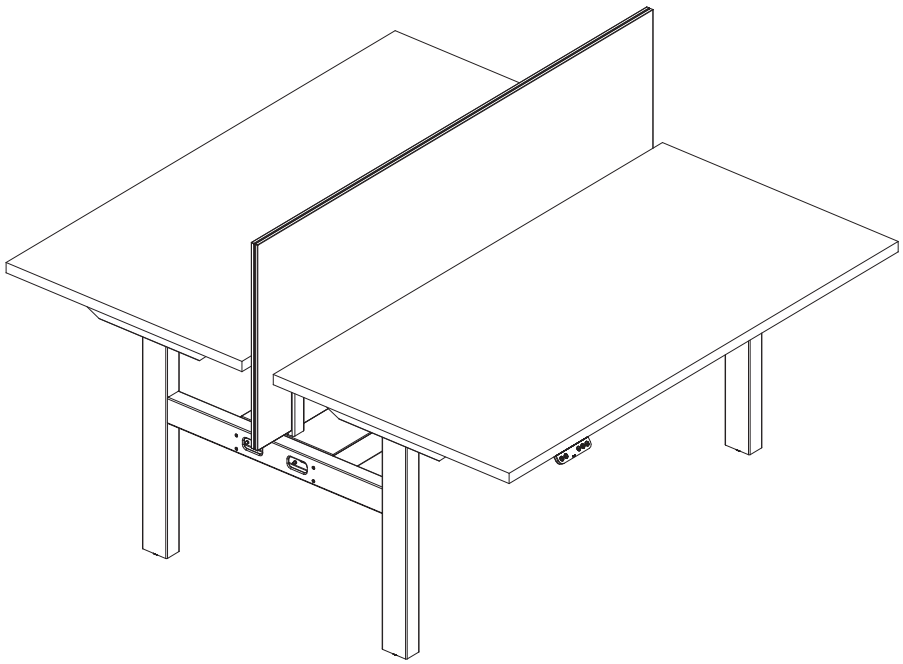
5. With assistance, position the Center Screen Panel assembly above the k. bench trough. Insert the Masts (A/B) through the trough slots and into the socket created by the Mast Bottom Brackets (C/D) attached to the crossbars.

6. Secure the masts to the Mast Bottom Brackets (C/D) using (2) M8-1.25 x 25 button head hex machine screws (H) per mast pair.

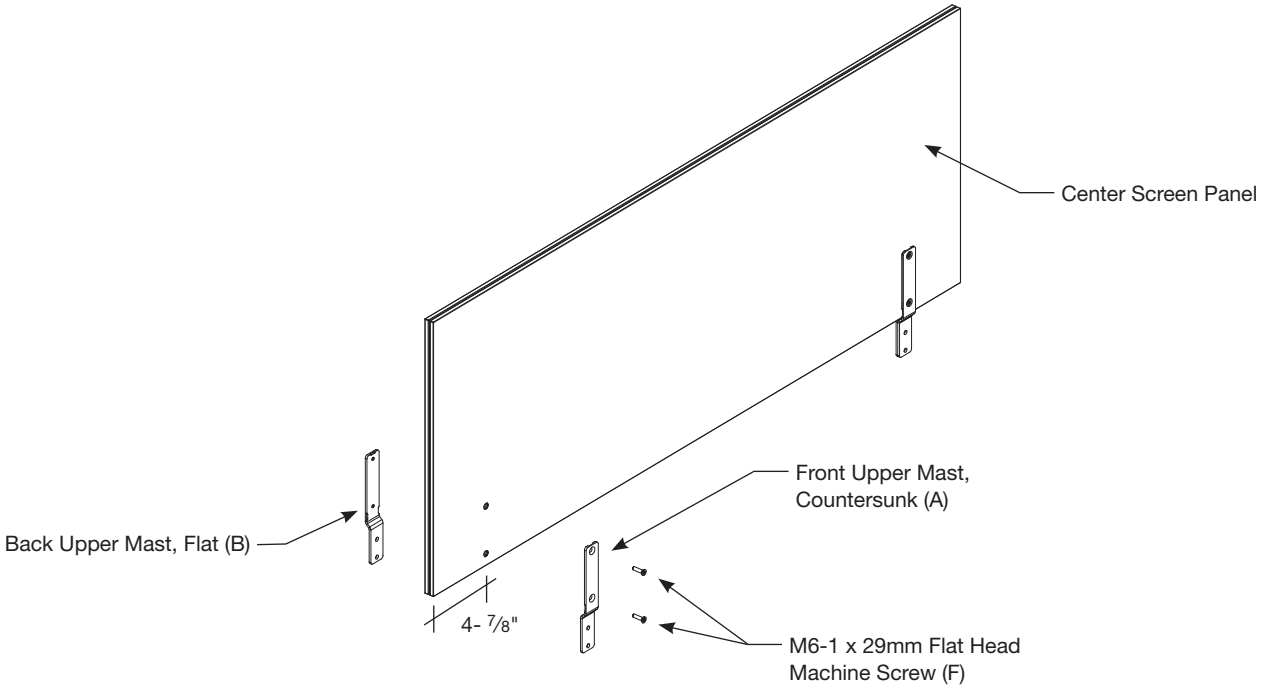
7. Tighten the (4) M6-1 x 29mm flat head machine screws (F) connecting the masts to the screen panel, that were previously left loose in Step 3.

8. Install the (4) Screen Mast Shrouds (E) by first engaging the top tab of each shroud into the recess at the top of each mast and snapping the lower two tabs into place. Best practice is to place a protective pad on the shroud and strike the pad with a rubber mallet to fully engage the shroud.

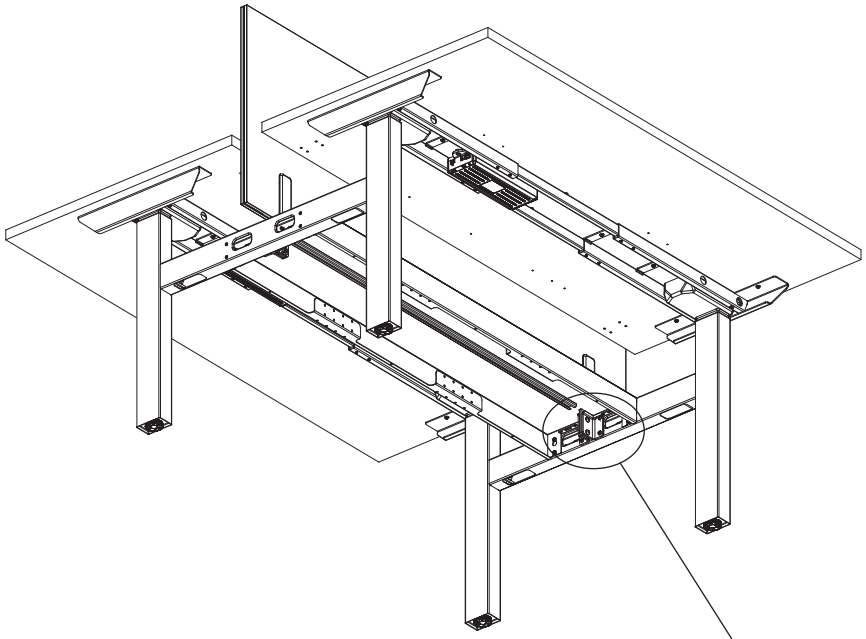
Center Screen Installed Axonometric View



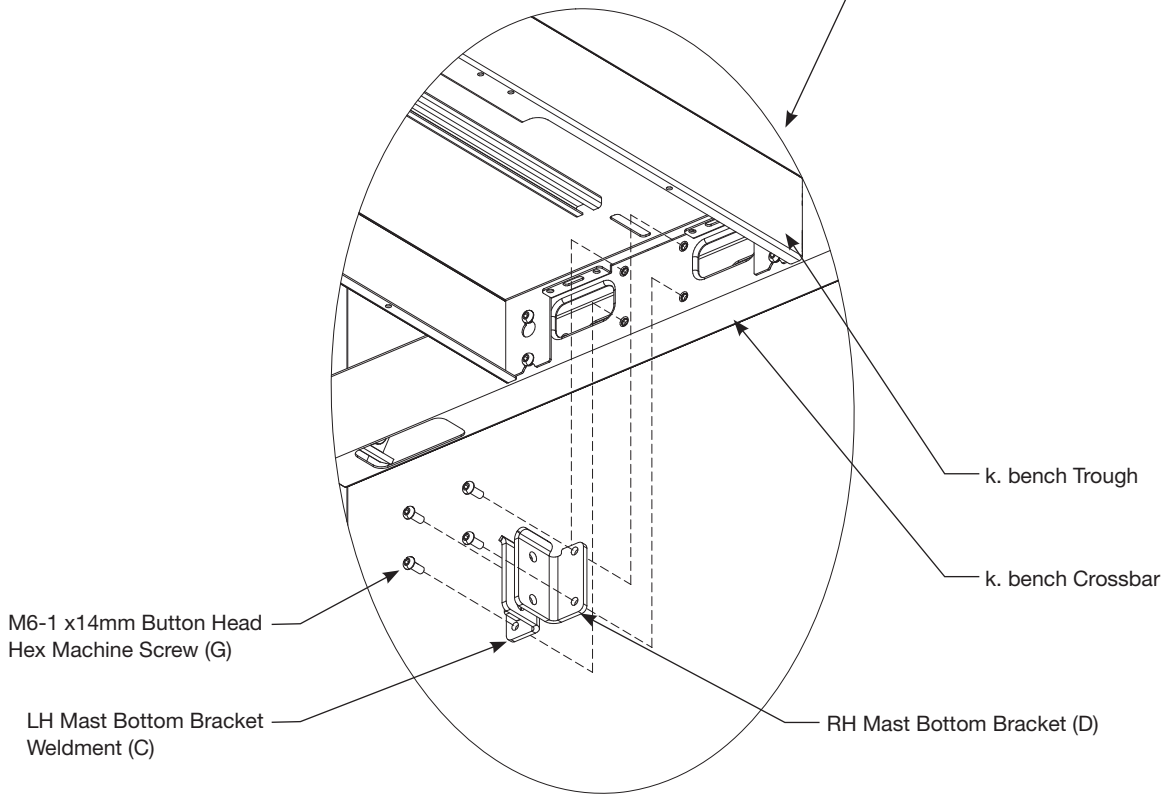
Center Screen Installation Steps 1-3, Partially Exploded View



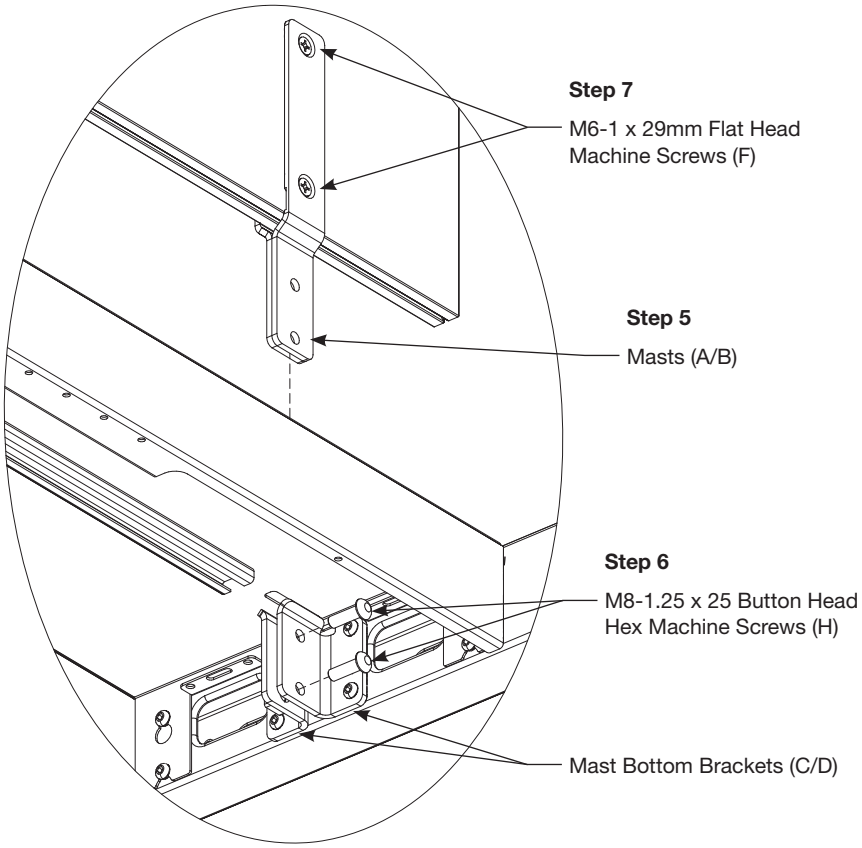
Center Screen Installed View From Below



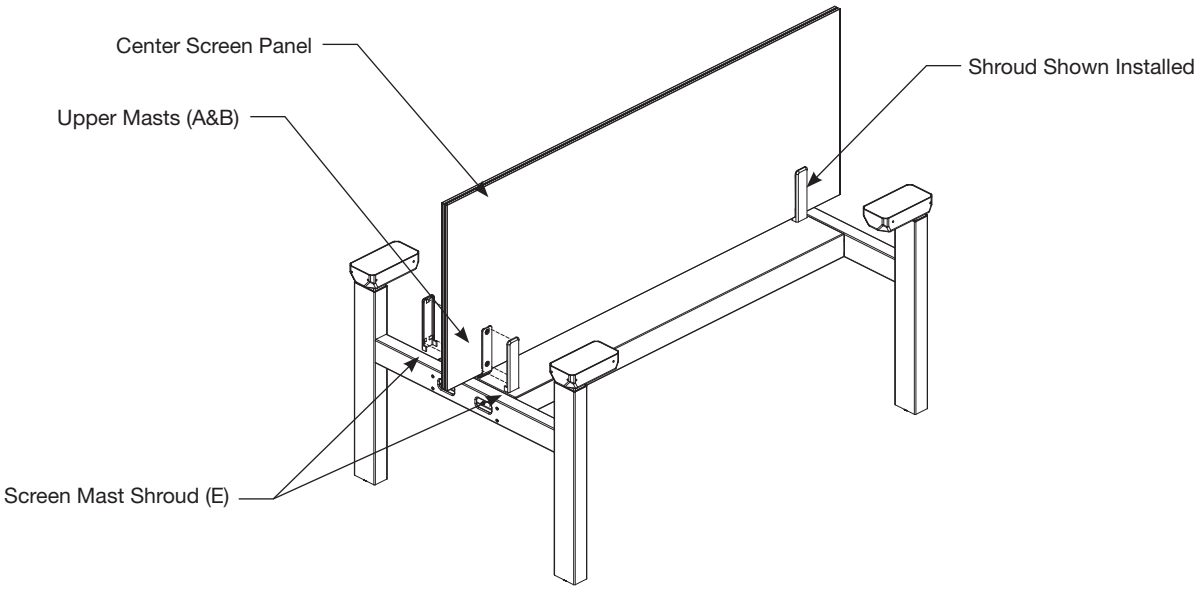
Center Screen Installation Step 4, Exploded View From Below



Center Screen Installation Steps 5-7, Exploded View From Below



Center Screen Installation Step 8, Partially Exploded View



Hinged Cover

Pattern Numbers Represented:

Hinged Cover, KHC

Parts List:

Hinged Cover (A)
Hinge Block (B)
Snap Block (C)
#8 x ¾" Pan Head Screw (D)
#8 x ⅜" Steel Screw (E)
Wire Tiedown Clip (F)

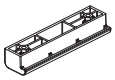
Tools Needed:

Power Driver with #2 Phillips Bit

(A) 3AH4036*

(B) 3AH4003

(C) 3AH4002



(D) 3AE4153

(E) 3AH4008

(F) 3AH4007

Steps

FOR ILLUSTRATED STEPS, SEE PAGES 23–24

Note: k. bench worksurfaces have pilot holes, pre-drilled for the Hinged Cover Accessory.

1. Under the worksurface, locate the pairs of predrilled holes in front of the k. bench rail assembly, and attach (2) Snap Blocks (C) to each, using (2) #8 x ¾ pan head screws (D) per block. Ensure that the hook feature of each Snap Block (C) is facing forward.

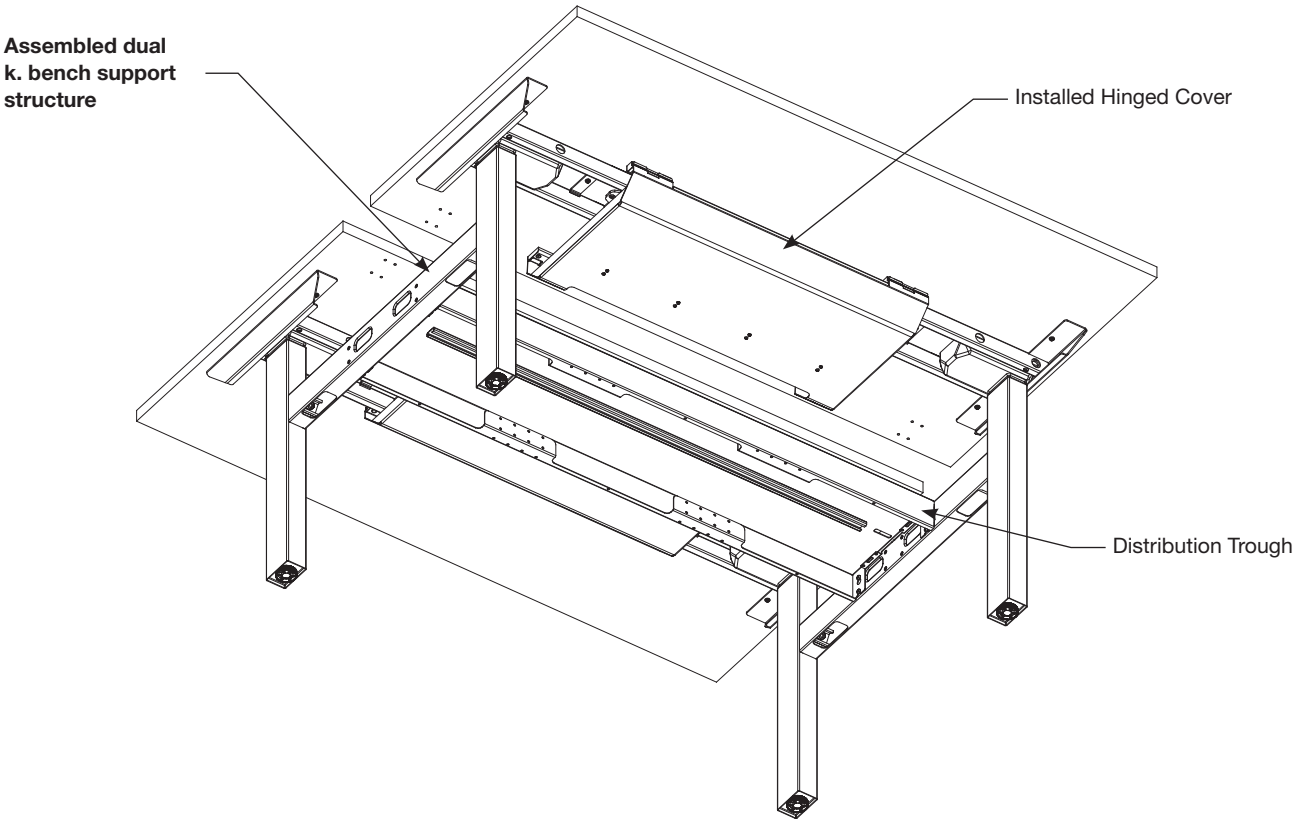
   Note: Adjusting the height of the dual bench so that the underside of the top is about 15 ¾" above the Distribution Trough will allow the trough to support the hinged cover during installation Step 3.

2. Orient the Hinged Cover (A) as it would be in the open position and place the (2) Hinge Blocks (B) against the worksurface, so they align with the pre-drilled pilot holes. Attach each Hinge Block (B) with (2) #8 x ¾ pan head screws (D).

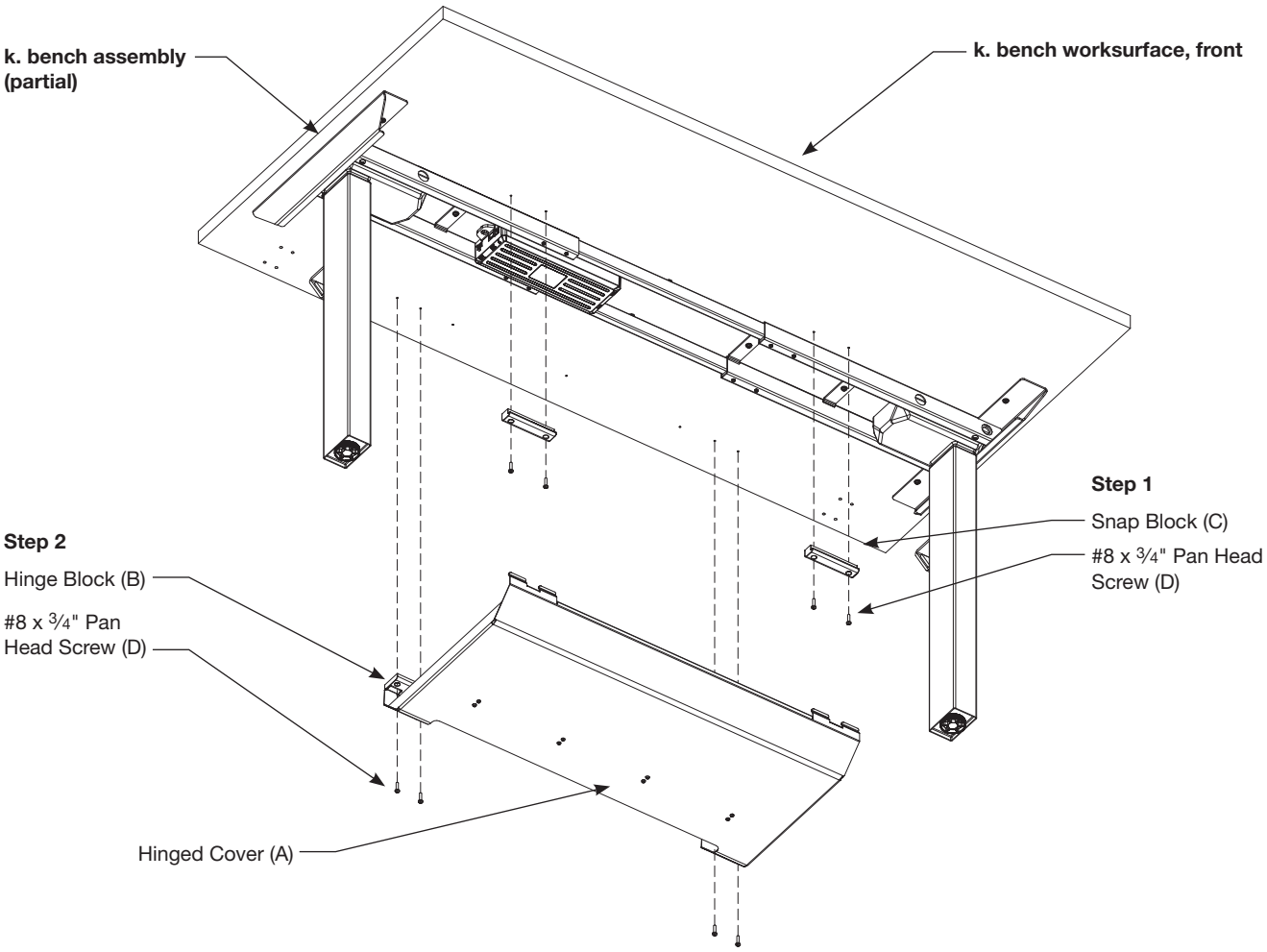
3. Rotate the free end of the Hinged Cover (A) up, so that it engages the Snap Blocks (C), closing the cover.

4. Flex the Hinged Cover (A) by hand, as needed, to adjust the snap/ retention force. Make sure it takes a significant tug on the cover to unsnap from its closed position.

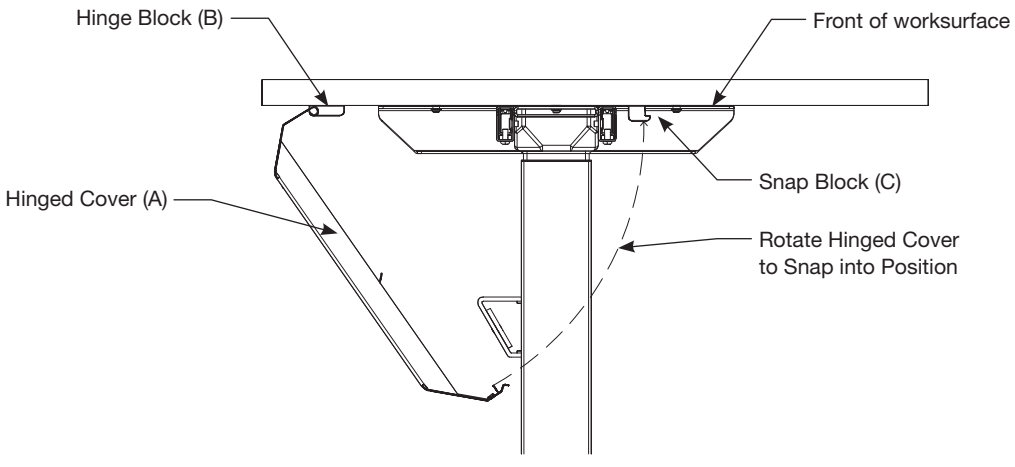
Hinged Cover, Installed View, From Below



Hinged Cover, Exploded, View From Below, Steps 1-2



Hinged Cover, Partially Installed, Side View, Step 3



Power Strip

Pattern Numbers Represented:

Power Strip, KPS24_

Parts List:

Plug Strip (includes clips) (A)
Power Strip Bracket (B)

Power Strip Hardware Kit Consisting of:
#10 Washer (C)
#8-32 ¼" Pan Head Machine Screw (D)
8-32 x .125" Hex Nut (E)
P-Clamp, ⅜" (F)
#6 x ⅝" Pan Head Wood Screw (G)
#8 x ¾" Pan Head Wood Screw (H)

Dual Bench Assembly

Tools Needed:

Power Driver with Phillips #2 bit
$11/32$" Wrench/Nutdriver

(A) 3AB3520*

(B) 3AH4004

(C) 4A22233

(D) 4A22232

(E) 4A22240

(F) 3AE5010

(G) 4A22272

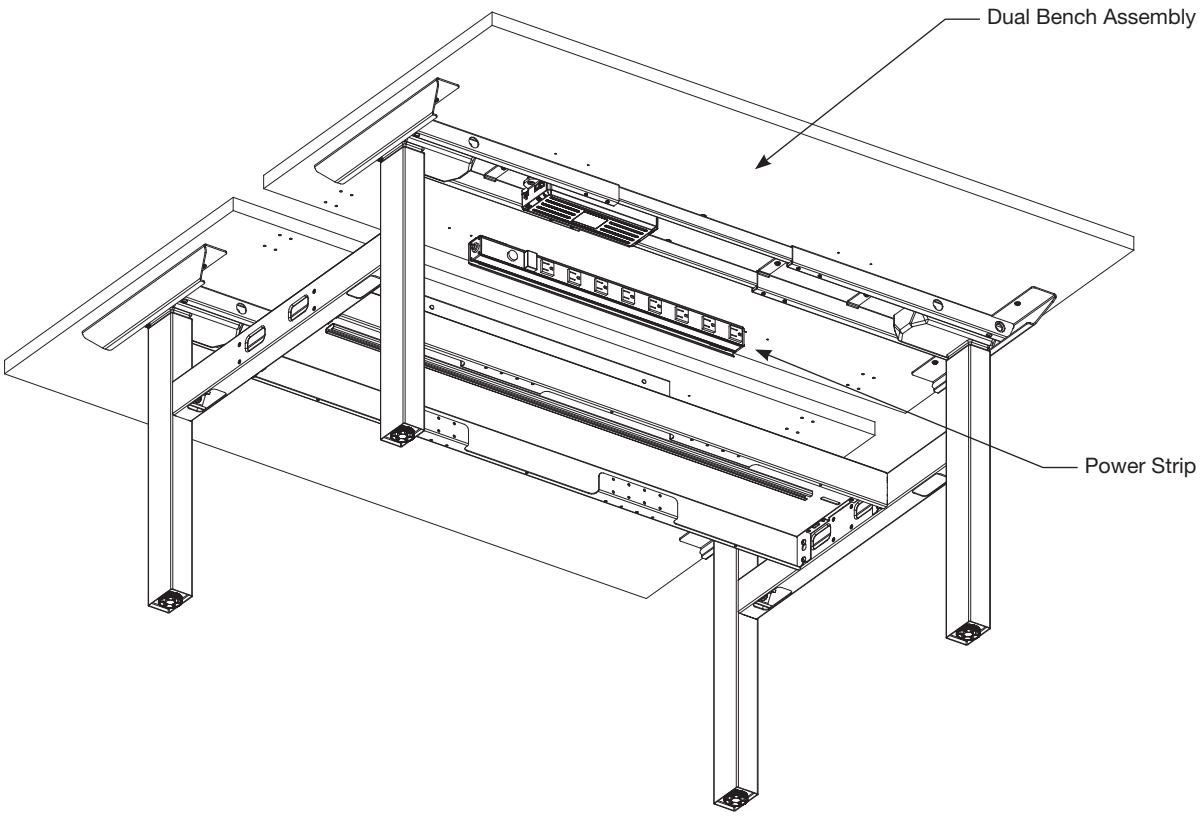
(H) 3AE4153

Steps

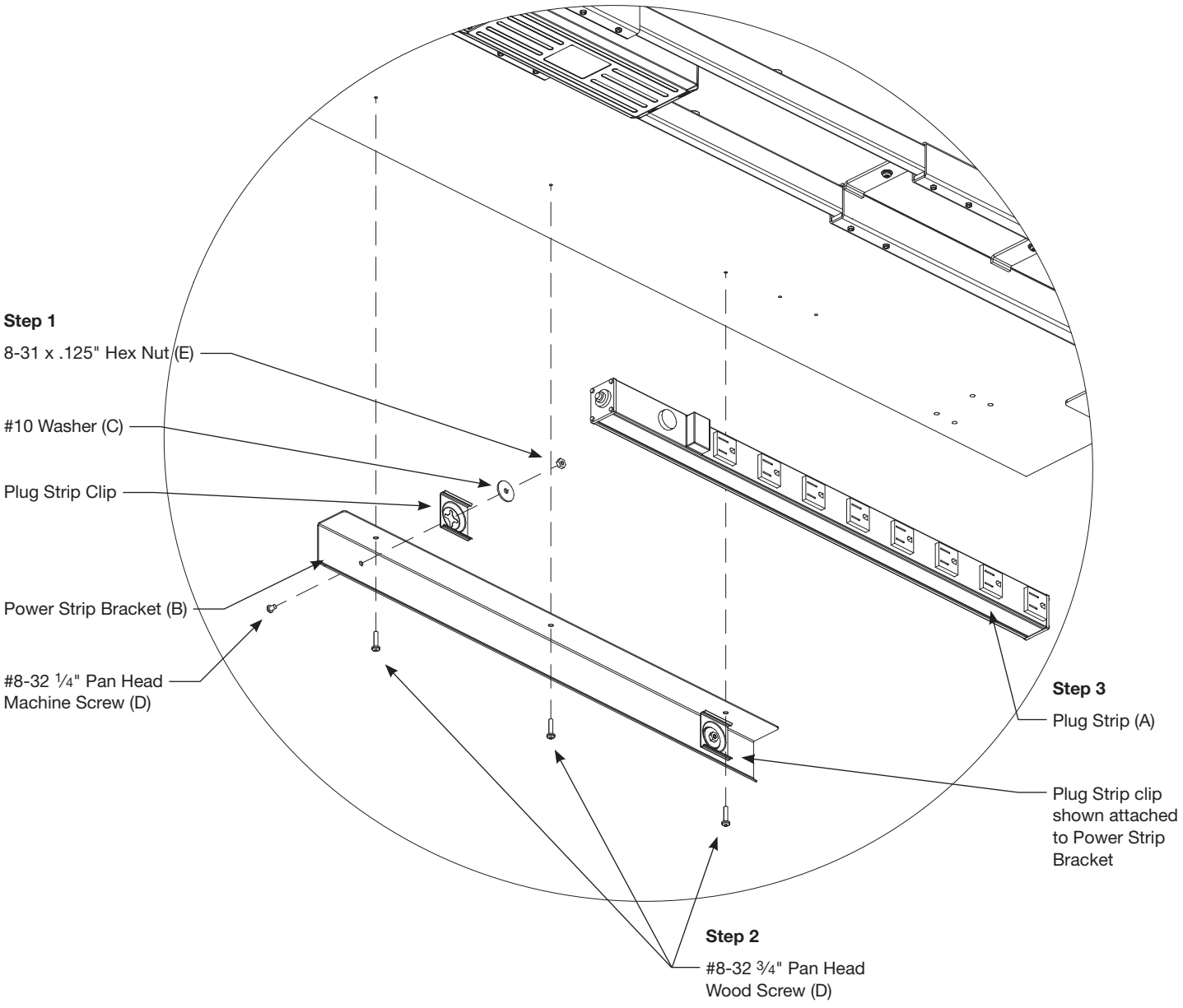
FOR ILLUSTRATED STEPS, SEE PAGES 27–28

1. Remove the (2) plug strip clips from the back of the Plug Strip (A) and attach them to the Power Strip Bracket (B), using (1) 8-32 x .125" hex nut (E) and (1) #10 washer (C) on the front, and (1) #8-32 ¼" pan head machine screw (D) at the back, per clip.
2. Use (3) #8 x ¾" pan head wood screws (H) to affix the power strip bracket assembly to the underside of the top. Utilize the predrilled holes centered in the underside of the top.
3. Engage the Plug Strip (A) to the power strip bracket assembly by engaging the lower bead of the Plug Strip in the (2) clips, then snapping in the upper bead.
4. Utilize the 3/8” P-Clamps (F) provided to route and manage the power cord. Affix the P-Clamps to the underside of the worksurface with (1) #6 x ⅝" pan head wood screw (G) per P-Clamp.

Plug Strip Installed, Overall View From Below



Plug Strip Exploded View From Below



Felt Cable Sleeve

Pattern Numbers Represented:

Felt Cable Sleeve, KHC~

Parts List:

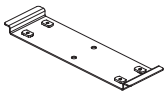
Mounting Plate (A)
Upper Mounting Block (B)
Lower Mounting Block (C)
M6-1 Spring Nut (D)
M6 x 10mm Pan Head Machine Screw (E)
#8 x ¾" Pan Head Wood Screw (F)
M4x10 Pan Head Machine Screw (G)
#8 x 1.5" Pan Head Wood Screw (H)
3/8" Diameter P-Clamp (I)
#6 x .375 Pan Head Self-Drilling Screw (J)

Felt Sleeve
Pre-assembled k. bench Unit

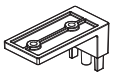
Tools Needed:

Power Driver with #2 Phillips Bit

(A) 3AH4016



(B) 3AF5012



(C) 3AH5013

(D) 3AB4021

(E) 3AB4067

(F) 3AE4153

(G) 4A22311

(H) 4A22280

(I) 3AE5010

(J) 4A22312

Steps

FOR ILLUSTRATED STEPS, SEE PAGES 31–33

Install the Mounting Blocks

1. Mount (2) Upper Mounting Blocks (B) to the Mounting Plate (A), using (2) M4x10 pan head machine screws (G) per block.

2. Attach the corresponding Lower Mounting Blocks (C) to the Upper Mounting Blocks (B), using (1) #8 x 1.5" pan head wood screw (H) per block.

3. Insert (2) M6-1 Spring Nuts (D) into the C-channel inside the k. bench trough and attach the mounting plate assembly to the spring nuts with (2) M6 x 10mm pan head machine screws (E).

   Note: The mounting plate assembly must be located outboard of the 30”w Hinged Cover centered beneath the top. It may be mounted to the right or left side of the Hinged Cover.

4. Position an Upper Mounting Block (B) under each worksurface, about 7" from the rear edge of the top and aligned with the mounting blocks installed within the trough. Attach using (2) #8 x ¾" pan head wood screw (F) per block.

5. Attach the corresponding Lower Mounting Blocks (C) to the Upper Mounting Blocks (B), using (1) #8 x 1.5" pan head wood screw (H) per block.

Connect the Felt Cable Sleeve to the Mounting Blocks

6. For each worksurface, beginning under the worksurface, hold the felt cable sleeve so that the zipper is rearward, and the slits on the front surface are towards the bottom.

   Wrap the upper portion of the felt strap around the forward arm of the Lower Mounting Block (C) and secure the Velcro© closure.

7. Wrap the lower portion of the felt strap around the rear arm of the Lower Mounting Block (C) within the trough and secure the Velcro© closure.

Manage Cords

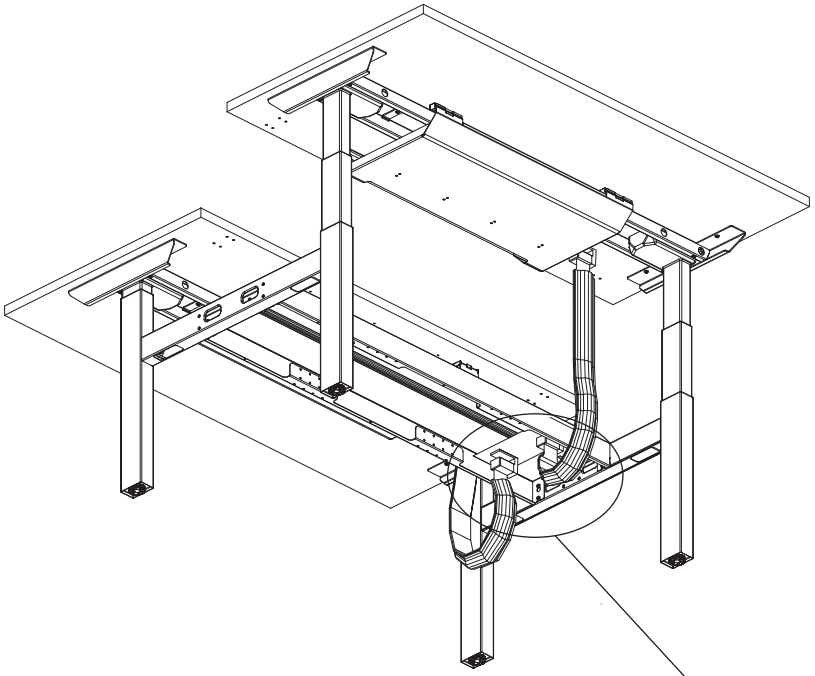
8. Route cords and wires to the mounting block under the worksurface and fit within the mounting block arms. Then route the cables within the unzipped felt cable sleeve and fit between the arms of the corresponding mounting block.

   Ensure that the length of cord between each mounting block is essentially the same length as the felt. Straighten and memory-bends in each cord.

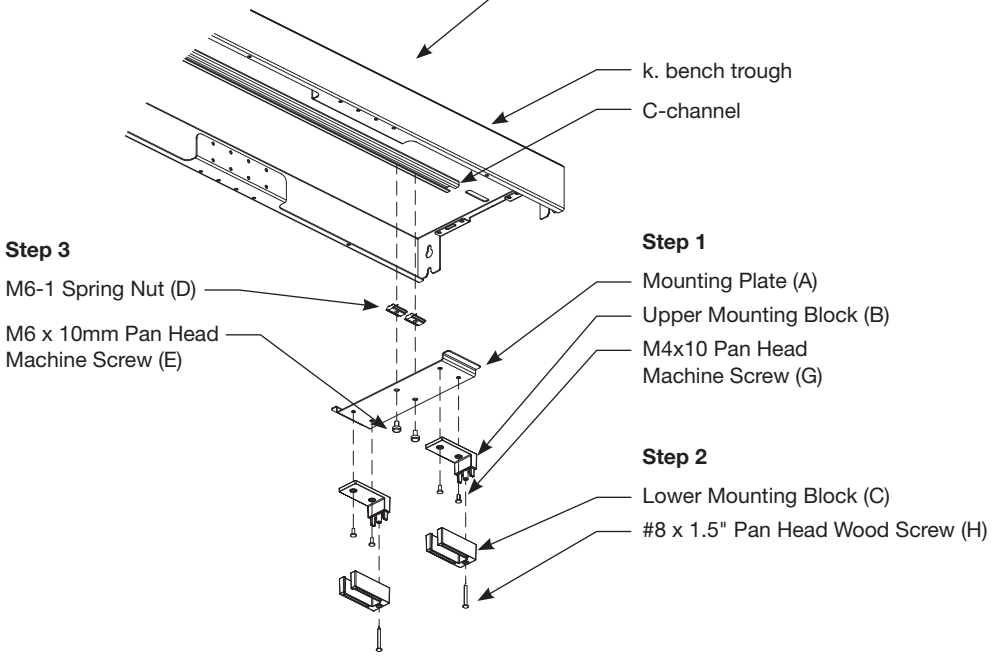
   Zip up the felt cable sleeve to conceal and enclose the cords.

9. Secure the cords to both the underside of the worksurface and the underside of the Mounting Plate (A) with 3/8" Diameter P-Clamps (I) and #6 x .375 pan head self-drilling screws (J), as necessary.

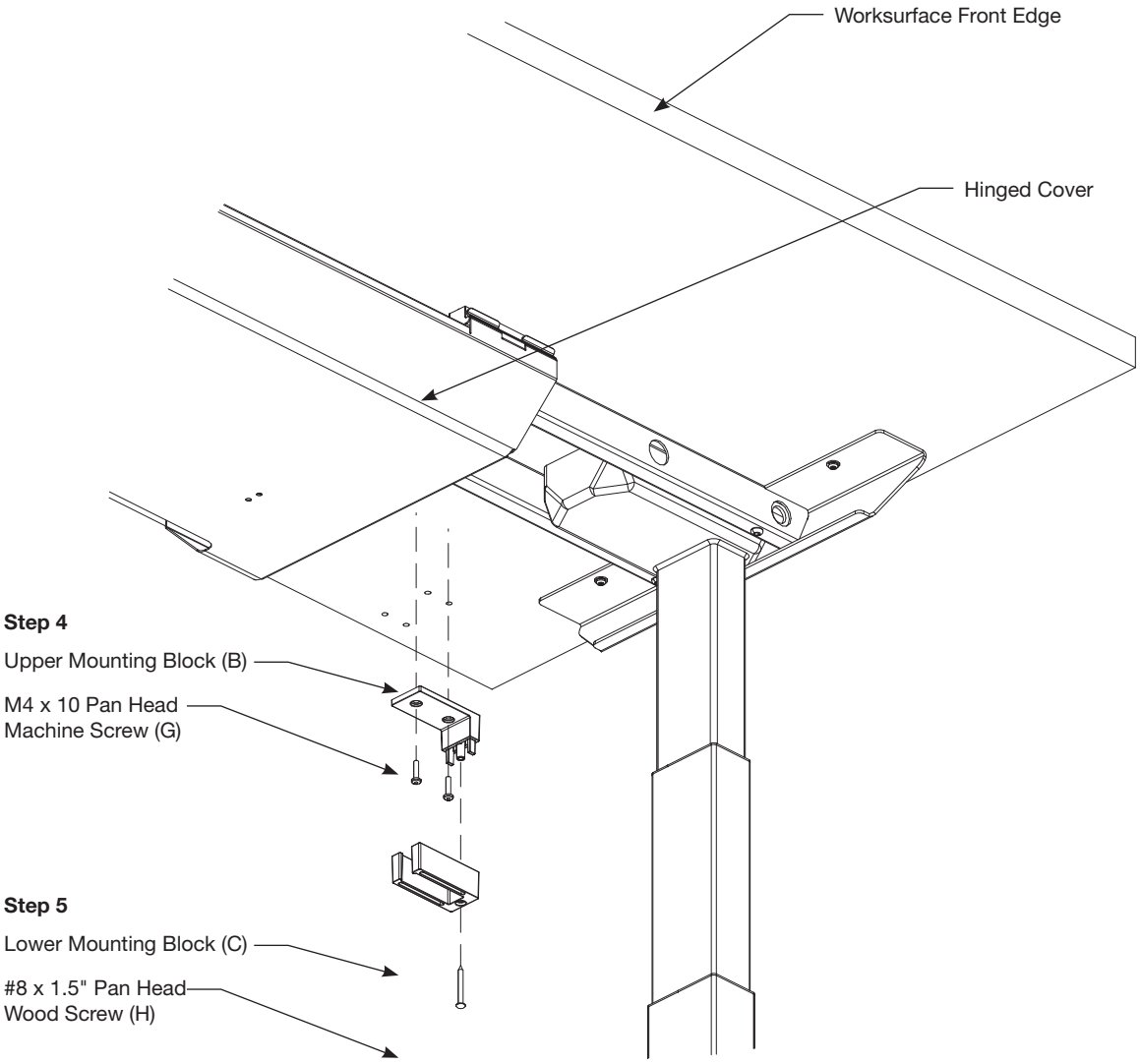
Felt Cable Sleeve Installed, View From Below



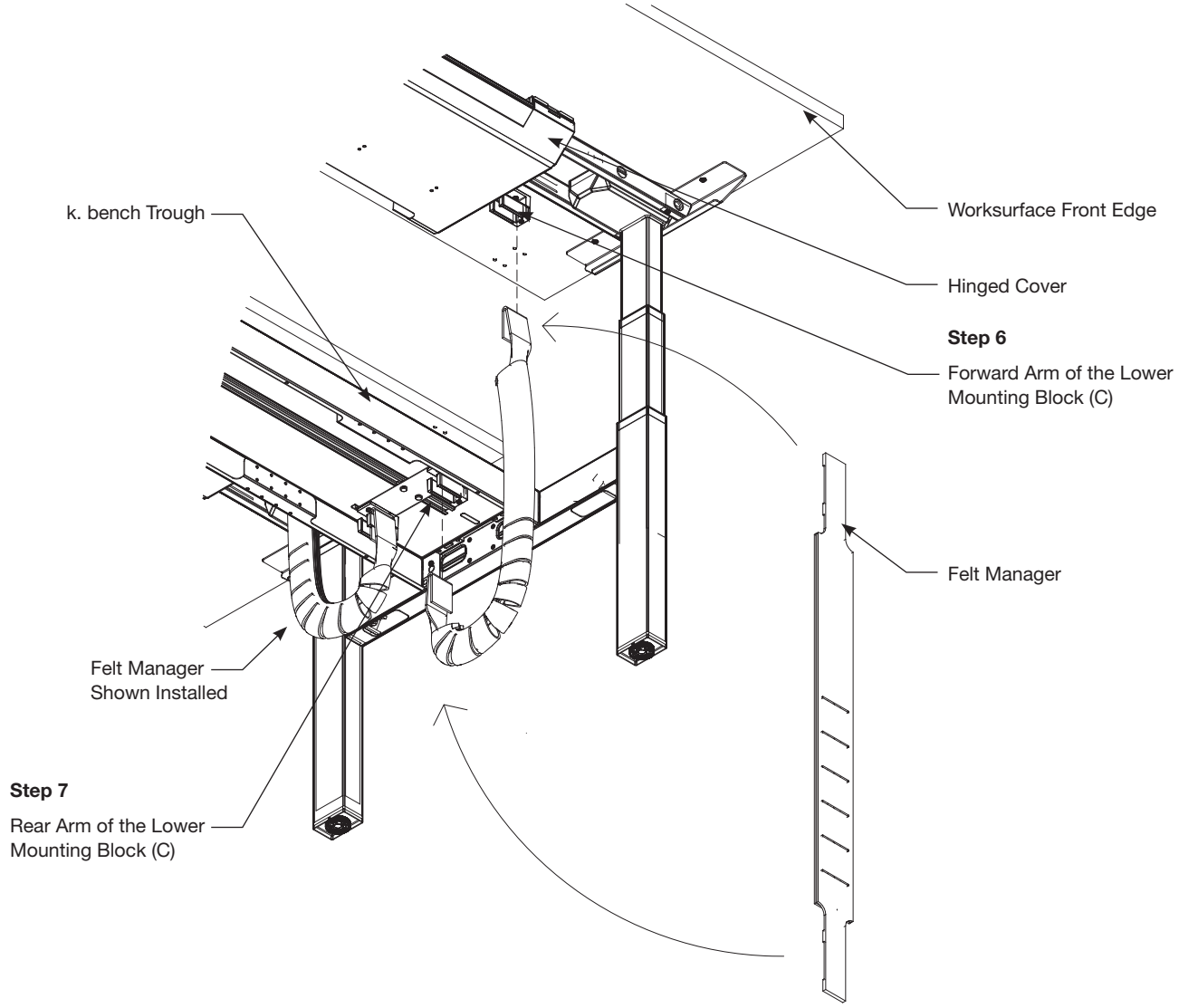
Felt Cable Sleeve Installation Steps 1-3, Exploded View From Below



Felt Cable Sleeve Installation Steps 4-5, Exploded View From Below



Felt Cable Sleeve Installation Steps 6-7, Connecting the Felt Manager



Vertical Wire and Infeed Manager

Pattern Numbers Represented:

Vertical Wire and Infeed Manager, KHABVWM

Parts List:

Conduit Weldment (A)
C-Channel (B)
Outer Conduit Cover (C)
M6-1 x 12mm Pan Head Machine Screw (D)
Spring Nut (E)
#8-32 Hex Nut (F)
8-32 x .75 Button Head Machine Screw (G)

Pre-assembled k. bench Unit

Tools Needed:

11⁄32" Wrench
Power Driver with #2 Phillips Bit
3⁄32" Hex Bit

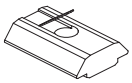
(A) 3AH5003

(B) 3AH100606

(C) 3AB5401

(D) 3AB4066

(E) 3AB4021



(F) 3AB5330

(G) 4AA1084

Steps

FOR ILLUSTRATED STEPS, SEE PAGES 36–38

1. Slide (2) spring nuts (E), into the slot in the C-Channel (B), with their tabs facing the solid side of the channel.

2. Center the Conduit Weldment (A) on the C-channel (B) and fasten the Conduit Weldment (A) to the spring nuts using (2) M6-1 x 12mm pan head machine screws (D).

3. Position the C-Channel (A), with the attached conduit weldment hanging down, INSIDE the distribution trough of the k. bench assembly, so the holes in the C-Channel align with a set of pre-drilled holes in the distribution trough.

   Note: Additional holes may be field drilled in the distribution trough (3⁄16" diameter) if none the predrilled hole-sets position the wire manager in a practical location.

   Note: DO NOT position the C-Channel BELOW the Distribution Trough. The C-Channel should be resting on the bottom of the Distribution Trough.

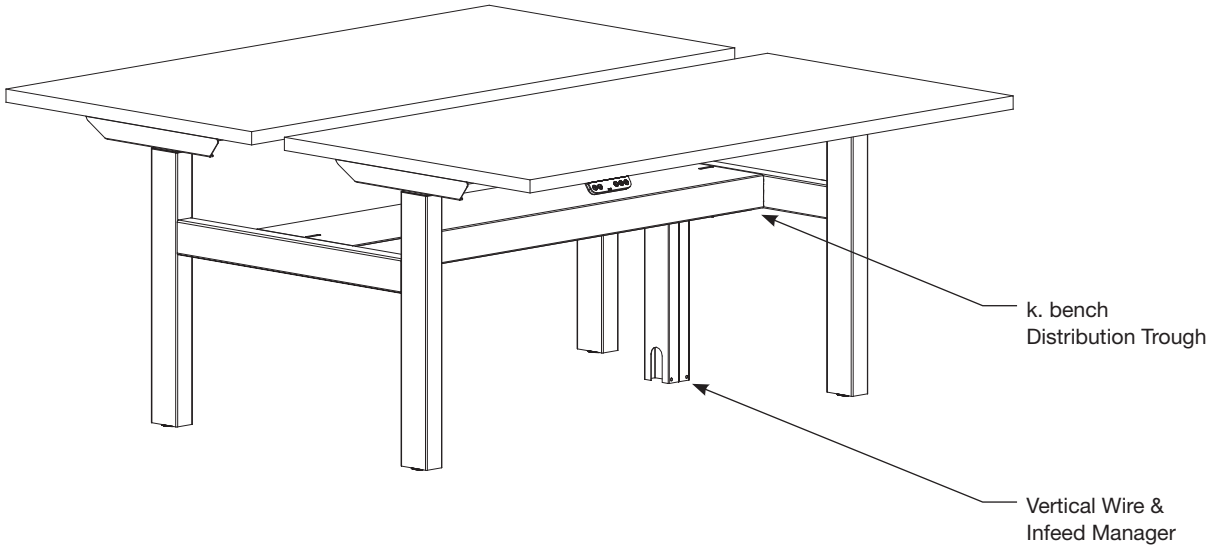
4. Attach the C-Channel to the Distribution Trough using (2) 8-32 x .75 button head machine screws (G) at bottom, and (2) #8-32 hex nuts (F) above the C-Channel.

5. Place cables, power conduit, and wires in side cavities of the conduit assembly, separating data from power, if desired.

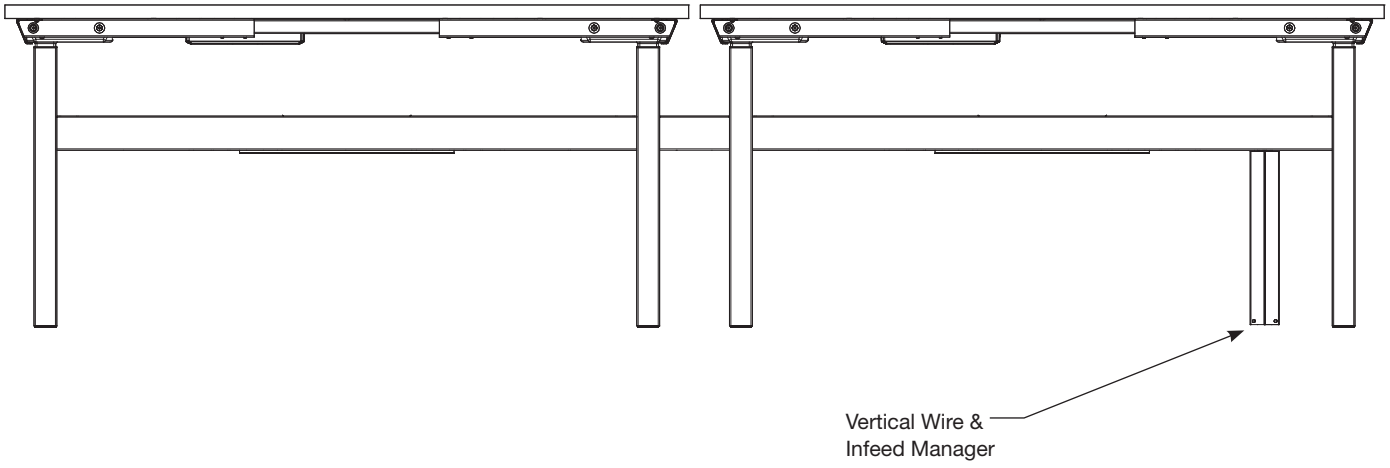
6. Select the preferred orientation of the outer conduit covers (C), and pressure fit a cover on each side of the assembly.

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

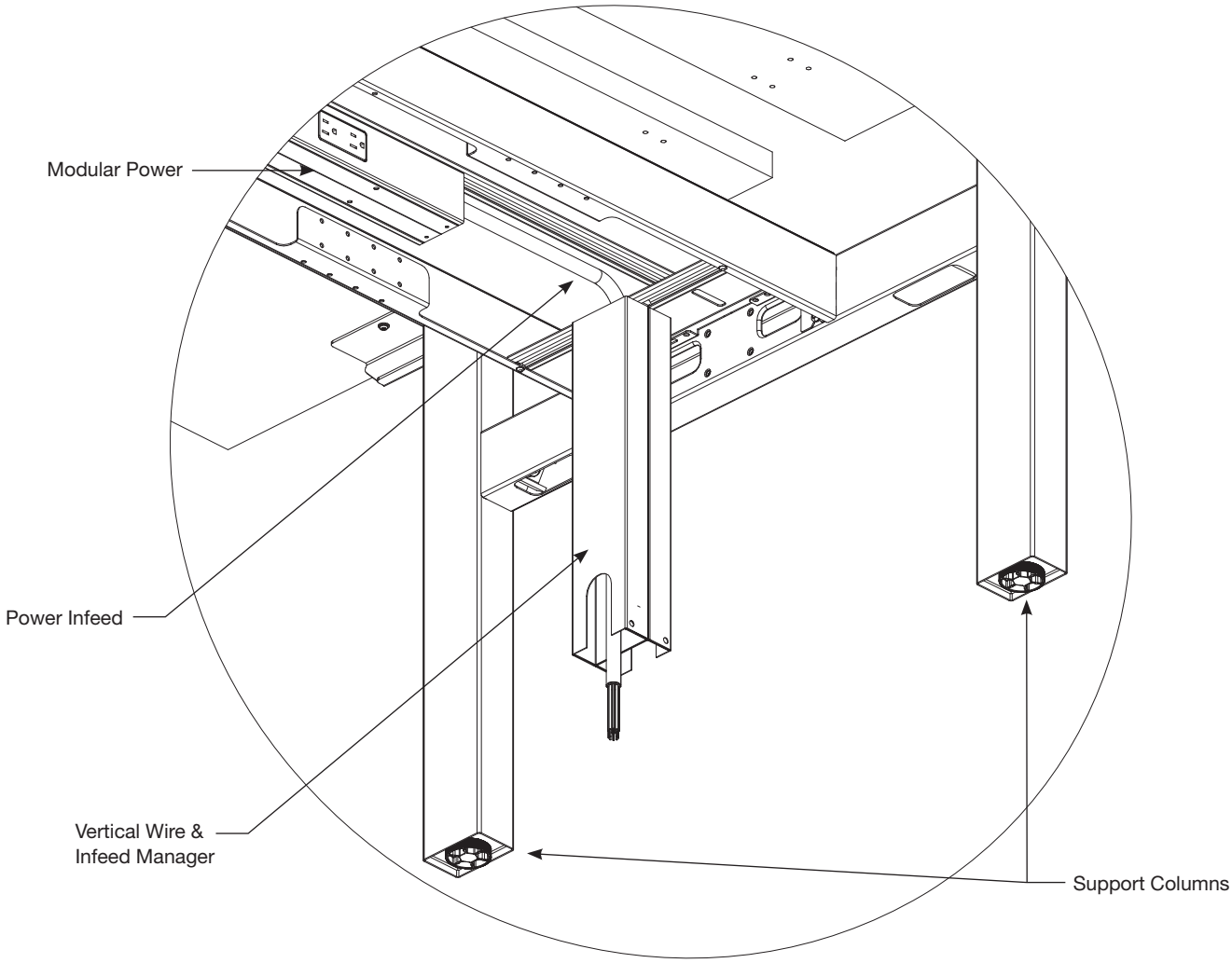
Vertical Wire and Infeed Manager, Overview



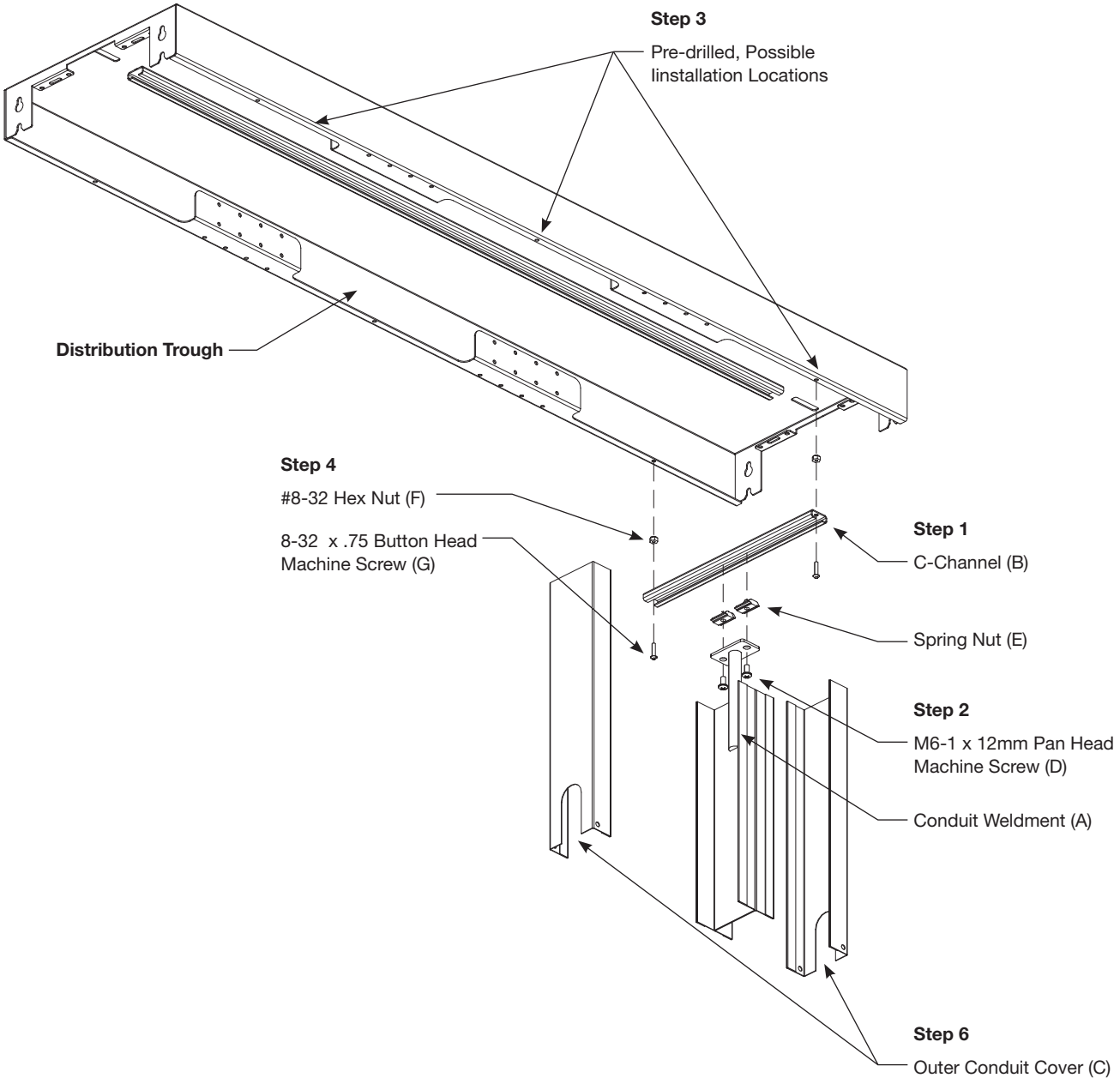
Vretical Wire and Infeed Manager, Elevation View, Two Connected Dual Benches



Vertical Wire and Infeed Manager, View From Below Shown with Power Infeed Within



Vertical Wire and Infeed Manager, Exploded Detail VIew, Steps 1-6



Data Faceplate Bracket

Pattern Numbers Represented:

Data Faceplate Bracket, KHC

Parts List:

Faceplate Bracket (A)
M6 x 10mm Pan Head Machine Screw (B)
Spring Nut (C)

Pre-assembled k. bench Unit
Outlet Fillers (if applicable)

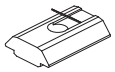
Tools Needed:

Power Driver with #2 Phillips Bit

(A) 3AH1040

(B) 3AB4067

(C) 3AB4021

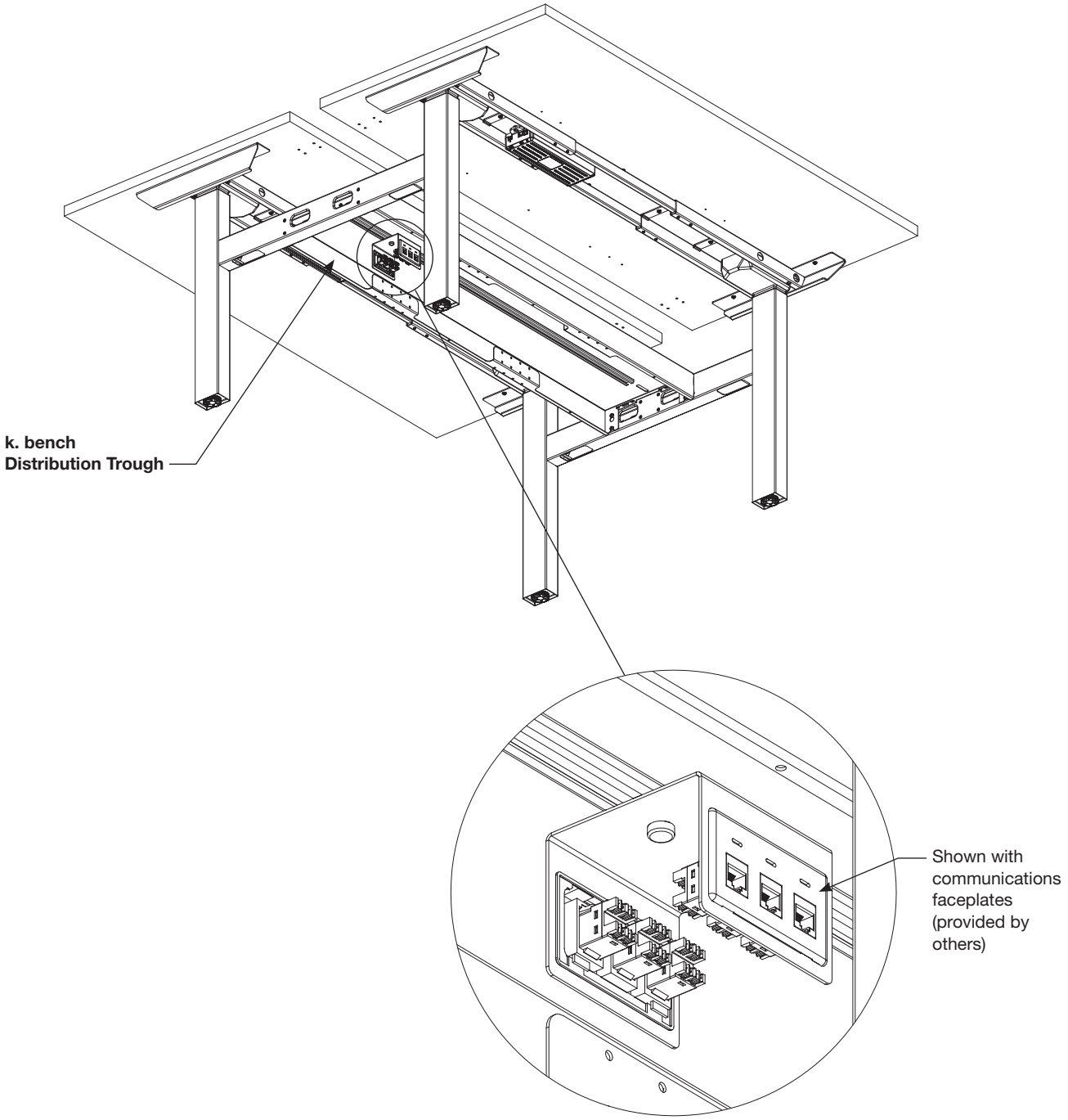


Steps

FOR ILLUSTRATED STEPS, SEE PAGES 41–42

1. Slide (2) spring nuts (C), with their tabs facing up, into the slot in the bottom of the Distribution Trough to the desired location for the Data Faceplate Bracket.
2. Fasten the Faceplate Bracket (A) to the spring nuts using (2) M6 -1 x 10mm pan head machine screws (B).
3. Install communications faceplates and data modules (provided by others) by snapping into the front and/or back knockout of the Faceplate Bracket (A), as required.
4. Install Outlet Fillers into any unused knockouts in the Faceplate Bracket (A).

Data Faceplate Bracket, Installed
Overview & Detail View, From Below



Data Faceplate Bracket, Exploded View, From Below, Steps 1-3