Installation Guide

TechBench™ and TechOrganizer System

Publication No: MN 212001EN r1.0

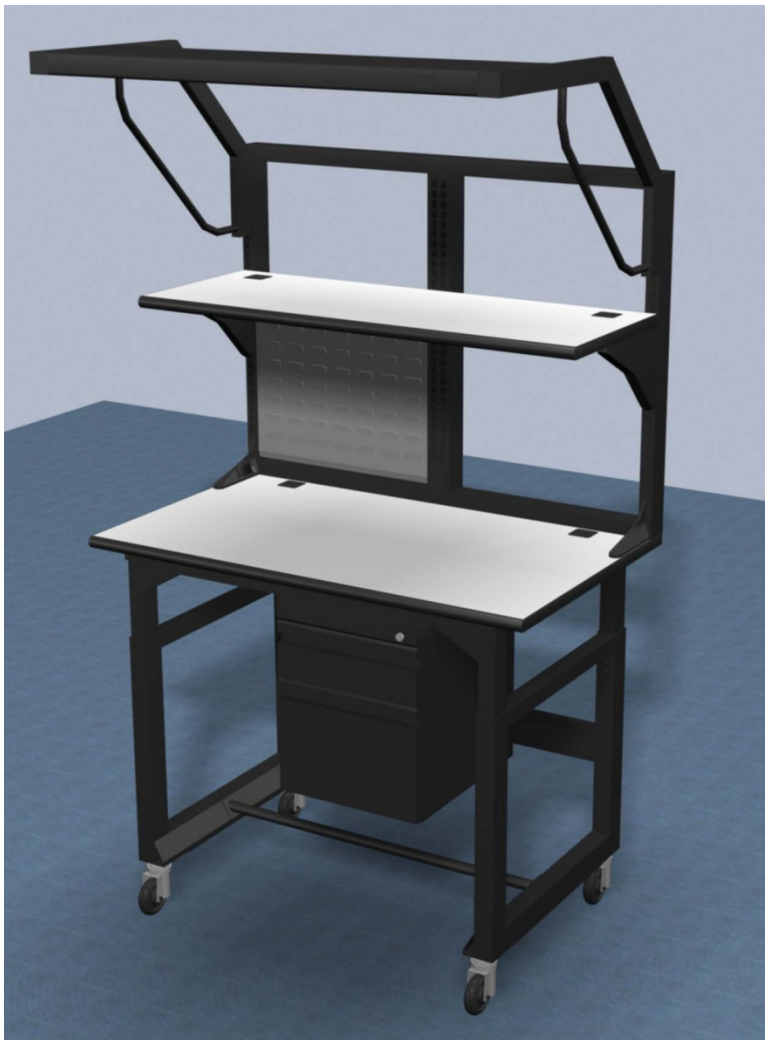

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Table of Contents

About this Guide

This document describes how to assemble Eaton's A Series Linear TechBench™ and TechOrganizer System, with a Laminate Worksurface.

Intended Audience

This document is intended for end-users responsible for assembling Eaton's Linear TechBench™ and TechOrganizer System. This includes optional components that may be attached to the bench and organizer support structures.

Technical Support

If you encounter any problems with this installation, send an email and detailed description of the problem, as well as contact information, to Technical Support at To.support@eaton.com.

Sales Representative and Contact Information

Contact your Eaton Sales representative using one of the methods below:

Phone	Call us toll free at 800.225.7348 (US Only) or 508.852.4300
Mail	Eaton 160 Gold Star Boulevard Worcester, MA 01606
Email	InfoESWorcesterMA@Eaton.com
Web	Visit us at www.eaton.com/wrightline and click on "Contact Us." Simply complete and submit the form as directed.

Document History

The following table shows this document's revision history:

Aug 2013	First Publication – MN 212001EN r1.0

Document Conventions

This document uses the following conventions:

- Links to other topics, email addresses, and Web sites are in blue.
- Acronyms are defined the first time they appear, with the acronym in parentheses.
- Color is sometimes used in illustrations to emphasize focus on key components.
- In illustrations, number callouts are used to identify component parts and letter callouts points of interest.

NOTE	*Notes* point out something of special interest to the reader in direct context or relationship to the immediate topic or step being performed.
IMPORTANT	*Important* notes provide information of interest to the reader of a more global or general context.
CAUTION	*Cautions* draw special attention to anything that may cause damage to equipment.
WARNING	*Warnings* draw special attention to any situation that may cause severe injury, physical harm, or death, to the reader and/or person performing the task at hand.

Before You Begin

Before assembling Eaton's Linear TechBench™ and TechOrganizer System, or attaching optional components, it is recommended that you do the following:

- Ensure that you have the list of tools itemized in the Tools Required section, found on page 3, or obtain them if necessary;
- Read and adhere to the statements found in the Safety Warnings and Precautions section, found on page 3.
- Compare the illustrations found in the Installation Kit Components section, on page 4, with the contents that arrived in your installation kit, and verify you received all standard components, as well as all optional components ordered.
- Review the steps outlined in the section titled, Linear TechBench™ Assembly, found on page 8.

Tools Required

The list below identifies the tools required for assembling or attaching optional components to Eaton's Linear TechBench™ and TechOrganizer System:

- Cordless, Electric Drill/Wrench, with Torque Control
- Sockets: 3/8", 1/2", 9/16"
- Open End Wrenches: 3/8", 1/2", 9/16", 1.0"
- Allen Wrenches (or Equivalent Bit for Drill/Wrench): 1/4"
- Hex Wrenches (or Equivalent Bit for Drill/Wrench): 5/32" [provided]
- Drill Bit: #33 or 7/64" (.113 inch diameter)
- Plastic Mallet
- #2 Magnetic Tip Phillips Head Screwdriver (or Equivalent Bit for Drill/Wrench)
- Flat Blade Screwdriver
- Level

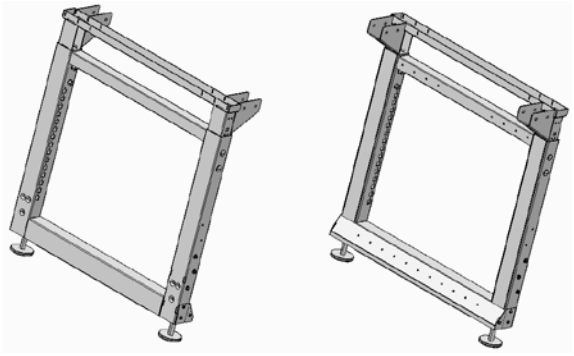
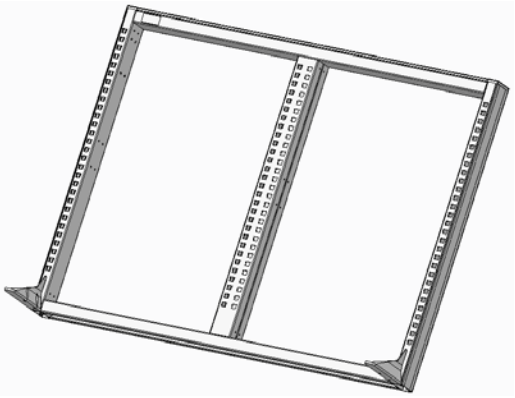
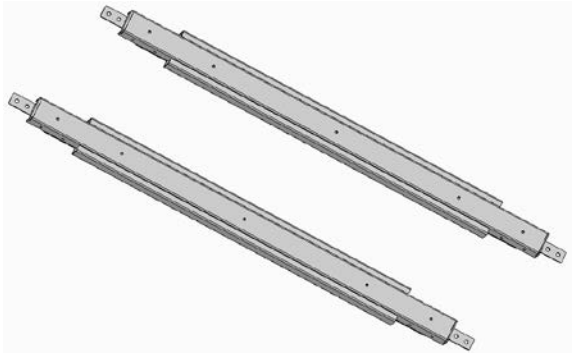
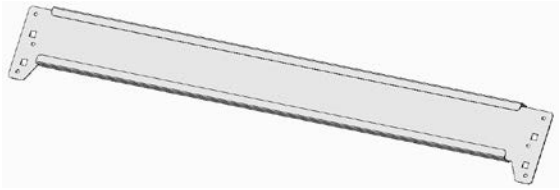
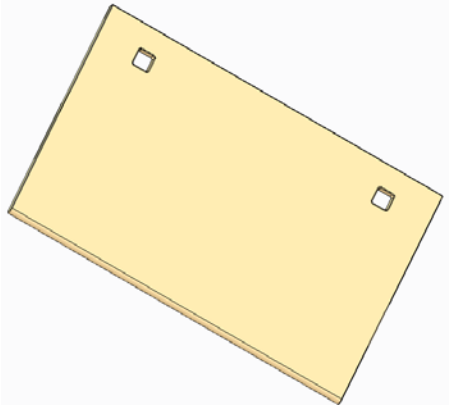
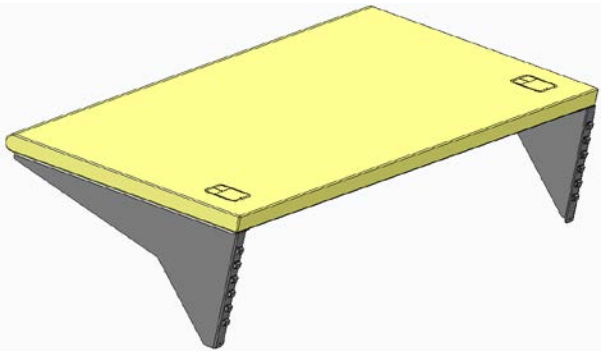
Safety Warnings and Precautions

WARNING	Due to the weight and size of the Linear TechBench™ and TechOrganizer System, it is recommended that a minimum of two installers work together when assembling the system. Attempting to assemble the Linear TechBench™ and TechOrganizer System without assistance may result in serious injury.

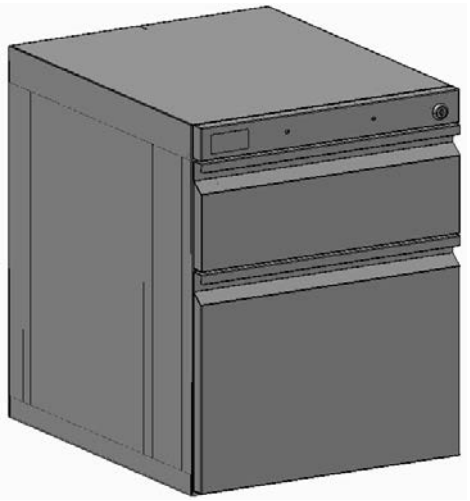
WARNING	A minimum of three people are required to adjust the height of the worksurface once the Linear TechBench™ and TechOrganizer System is assembled and in the upright position. Attempting to adjust the height of the worksurface without the assistance of two additional installers may result in serious injury.

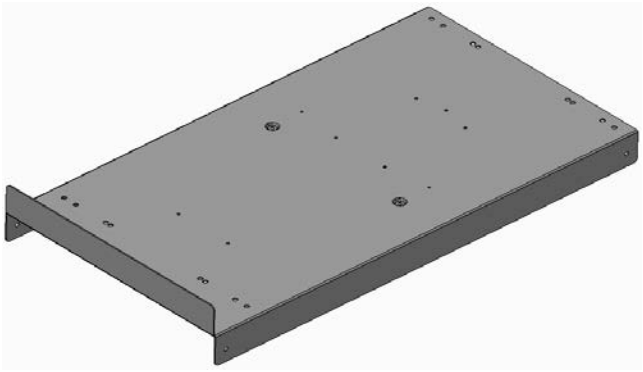
Installation Kit Components

Check the contents of your installation kit against the standard and optional components shown in the following table. Optional components are marked **(optional).**

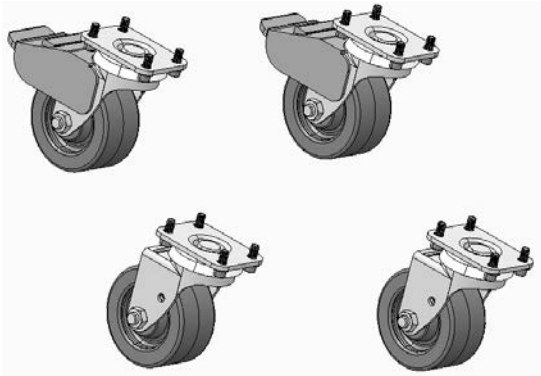
Side Frames 	**TechOrganizer (optional)** 
Frame Stiffeners 	**Back Panel** 
Laminate Worksurface (Top Surface) 	**Laminate Shelf (optional)** 

Two Drawer Pedestal and Accessory Bracket (optional)

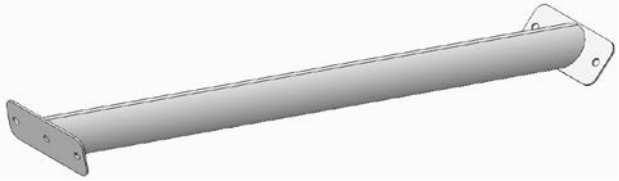




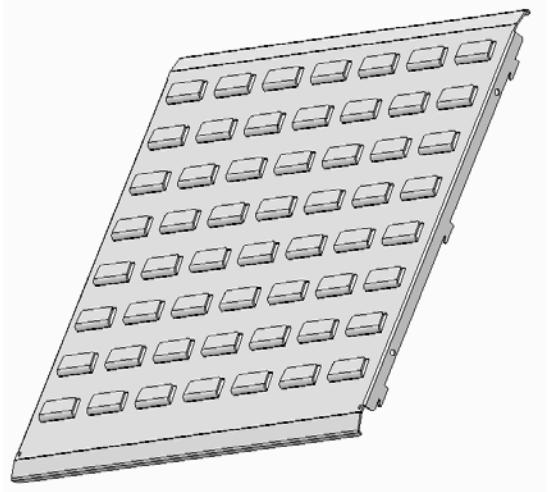
Caster Wheels (optional)

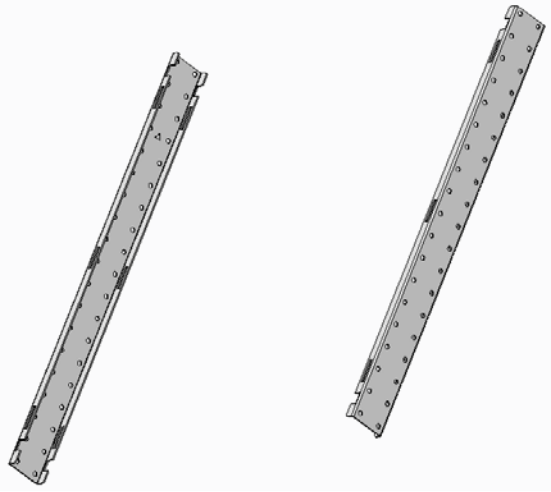


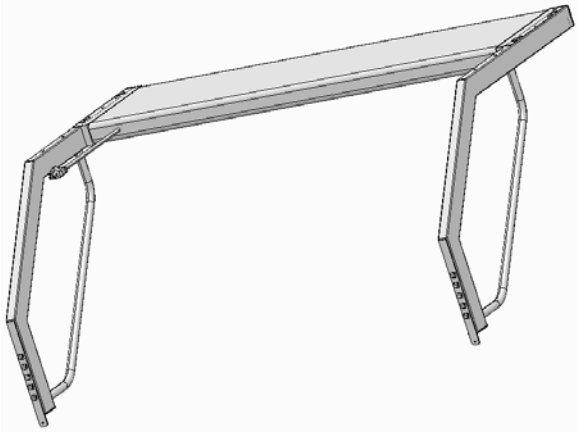
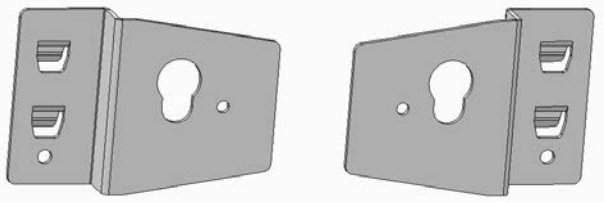
Foot Rest (optional; included with Caster Wheels)



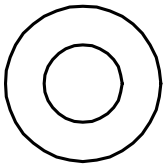
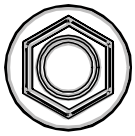
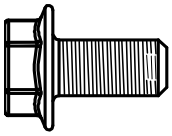
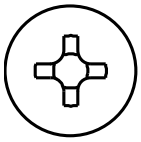
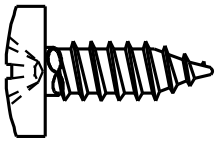
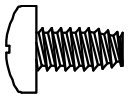
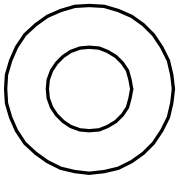
Bin Board and Mounting Channels (optional)

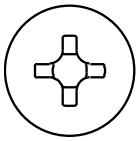
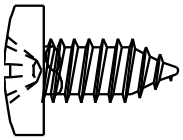
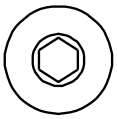
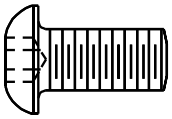
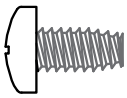
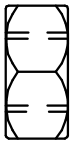
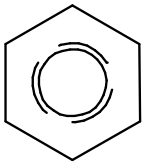
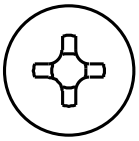
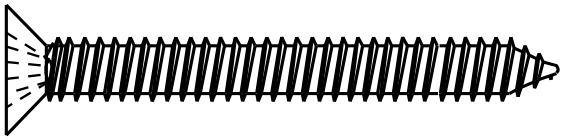
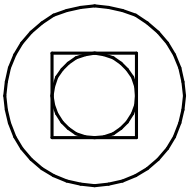
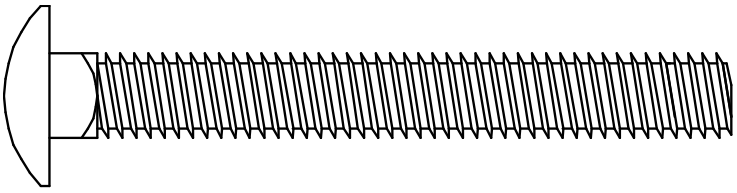
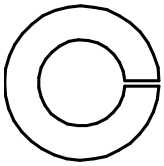
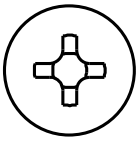
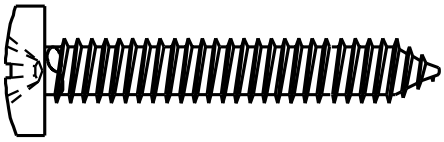
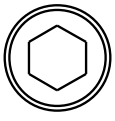
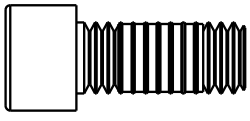




Overhead Lighting (optional)	Power Strip Brackets LH and RH (optional)
	

Hardware: Screws, Nuts, Washers, and Bolts

54225	Washer, #10 Flat, Plain Type A, Outside Dia. .5” (1.27 cm), Inside Dia. .22” (.56 cm), .05” (.127 cm) Thick		
54298	Screw, #14B x 5/8”, Phillips, Pan Head, Thread Forming, Type B, #3		
54348	Screw, 1/4 – 20 x 1/2” Hex, Washer Head, Self-Threading		
59103	Screw, #10 - 3/4”, Phillips, Pan Head, Self-Tapping, Zinc		
66714	Screw, 10-24 x 3/8” Phillips, Pan Head, Thread Forming, Black Oxide		
80023	Screw, #10-24 x 3/4” Phillips, Pan Head, Thread-Forming		
81710	Washer, 5/16” SAE, Flat Black, Plain Type A, Outside Dia. ..69” (1.75 cm), Inside Dia. .34” (.86 cm), .06” (.15 cm) Thick		

82287	Screw, #10-16 x 5/8”, Phillips, Flat Head, Self-Tapping, Zinc		
82703	Screw, 1/4”-20 x 1/2”, Button Head Cap, Black		
83645	Screw, 8-32 x 3/8” Phillips, Pan Head, Thread Forming		
84363	Nut, 3/8”-16		
84742	Screw, #10-16 x 2 1/4”, Phillips, Flat Head, Self-Tapping, Zinc		
85056	Carriage Bolt, 3/8”-16 x 3.00”	 	
85057	Washer, Split Lock, 3/8" Inside Dia., 11/16” Outside Dia.		
85320	Screw, #10-16 x 1 3/4”, Phillips, Pan Head, Self-Tapping, Zinc		
91360	Screw, 5/16” x 3/4”, Socket Head Cap		

Linear TechBench™ Assembly

The following procedure applies to Linear Type A TechBench™ and TechOrganizer Systems installed with the Laminate Worksurface in widths of 48 inches (121.9 cm), 60 inches (152.4 cm), and 72 inches (198.1.cm).

TechBench™ Adjustable Height

The base height of the TechBench™ Laminate Worksurface can be adjusted by removing the eight Carriage Bolts along the Lower Side Frames and sliding the Upper Side Frames upward (to raise) or downward (to lower) the height of the surface. The adjustable range for the Lower and Upper Side Frame base structure is 30” (76.2 cm) to 35” (89.9 cm). To determine the full height of the Worksurface, the Side Frame base measurement must be added to one of the following; either the variable height set for the Leveling Glide Feet, which is between .5 (1.27 cm) to 2.5” (6.35 cm), or the fixed height of 5.625” (14.29 cm) if Casters are installed.

NOTE	The Worksurface height level range varies slightly depending on whether the TechBench™ is installed with Leveling Glides or Casters. Leveling Glides have an adjustable range of .5” (1.27 cm) to 2.5” (6.35 cm). Casters are not adjustable and have a fixed height of 5.625” (14.287 cm).

WARNING	A minimum of three people are required to adjust the height of the worksurface once the Linear TechBench™ and TechOrganizer System are assembled and in the upright position. Attempting to adjust the height of an upright system without the assistance of two additional installers may result in serious injury.

TechBench™ With Leveling Glides Installed

If Leveling Glides are attached to the bottom of the TechBench™, the height of the Worksurface can be adjusted from a minimum of 30.5” (77.47 cm) to a maximum of 37.5” (95.25 cm).

NOTE	The minimum value above is calculated with the Leveling Glide feet fully retracted to a height of .5” (1.27 cm). The maximum value is calculated with the Leveling Glide feet fully extended to a height of 2.5” (6.35 cm).

TechBench™ With Casters Installed

If Casters are attached to the bottom of the TechBench™, the height of the Worksurface can be adjusted from a minimum of 35.625” (90.49 cm) to a maximum of 40.625” (103.19 cm).

NOTE	The minimum and maximum values calculated for Caster-attached benches includes 5.625” (14.29 cm), which is the a fixed height of each Caster.

NOTE	Before starting this procedure, identify/obtain the Worksurface height requirements for the TechBench™ to be assembled. It is much easier to adjust the height of the Worksurface while the bench is face down on the floor, prior to turning the bench to an upright position.

NOTE	Throughout the procedure, letter and number callouts within a figure only apply to the figure in which they appear.

Step 1: Separate Upper Side Frame from Lower Side Frame

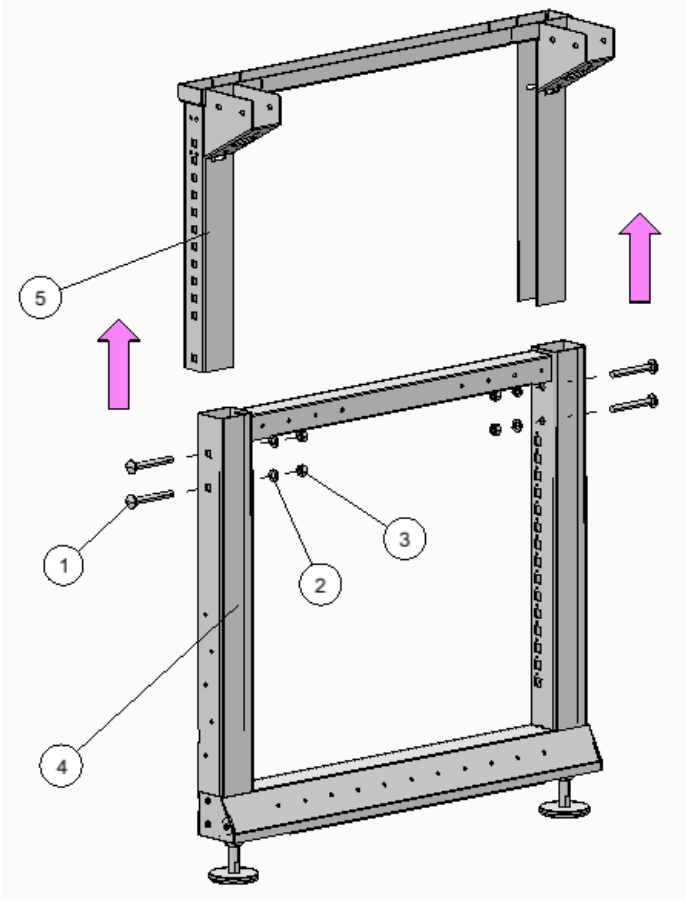
Locate the two Side Frames within the installation kit. Separate each Upper Side Frame (5) from each Lower Side Frame (4) by removing the four Carriage Bolts (1), Washers (2), and Nuts (3), on both units. See Figure 1.

NOTE

Set the Lower Side Frames and hardware aside for re-assembly in a later step.

1	Carriage Bolt, 3/8-16 x 3.00” Long (85056)
2	Washer, Split Lock, 3/8" Dia. (85057)
3	Nut, 3/8-16, (84363)
4	Lower Side Frame
5	Upper Side Frame

Figure 1: Separate Upper and Lower Side Frames

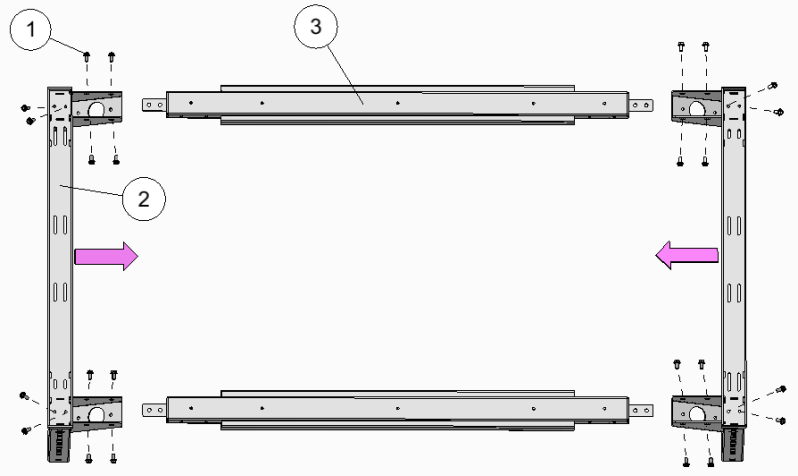


Step 2: Attach Stiffeners to Upper Side Frames

Locate the two Stiffeners (3) in the installation kit. Attach the Stiffeners to the Upper Side Frames (2) as shown in Figure 2. See DETAIL A below.

1	Screw, 1/4”-20 x 1/2” Hex Washer Head, Self-Threading [54348]
2	Upper Side Frames
3	Stiffeners

Figure 2: Attach Stiffeners to Upper Side Frames

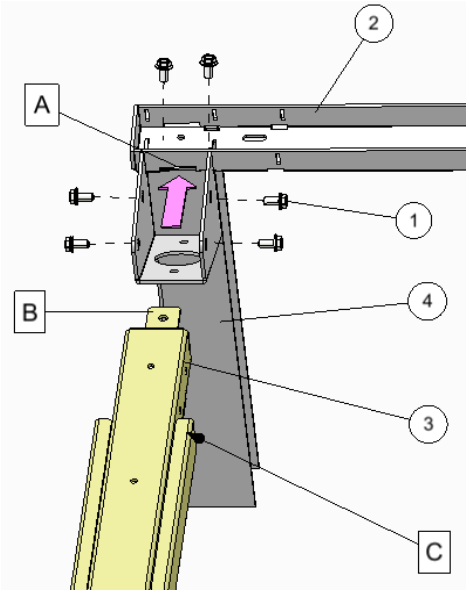


DETAIL A

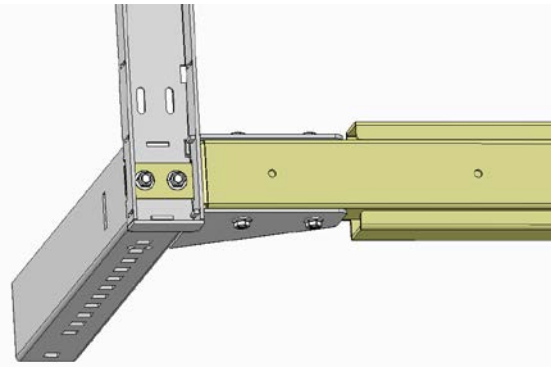
A	Slot on Side Frame
B	Tongue Slides Into Slot
C	**IMPORTANT! Flange Must Be Positioned On Top as Shown**
1	Screw, 1/4”-20 x 1/2” Hex Washer Head, Self-Threading (54348)
2	Upper Side Frame
3	Stiffener End
4	Side Frame Post

At each corner, slide the tongue (B) at end of Stiffener (3) into slot (A) on Side Frame (2). Secure using six, Hex Washer Head, Self-Threading screws (1).

DETAIL A



Fully Assembled Corner



Step 3: Attach Upper Side Frame and Stiffener Assembly to Worksurface

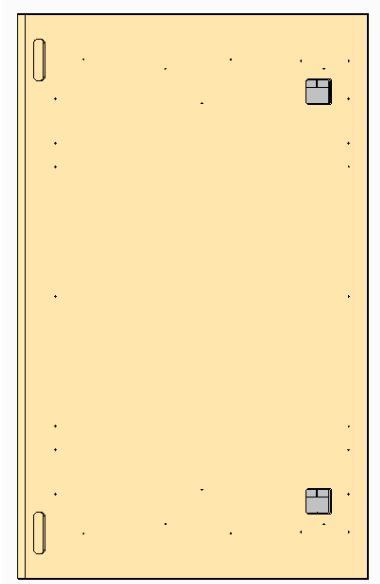
Place Laminate Worksurface Face Down

Using two people, locate the Laminate Worksurface in the installation kit. Carefully unpack the Worksurface and place it finished side down on the empty carton or on a clean carpeted surface.

NOTE

The pre-drilled holes located on the underside of the Laminate Worksurface should be facing upward as shown in Figure 3.

Figure 3: Laminate Worksurface Underside



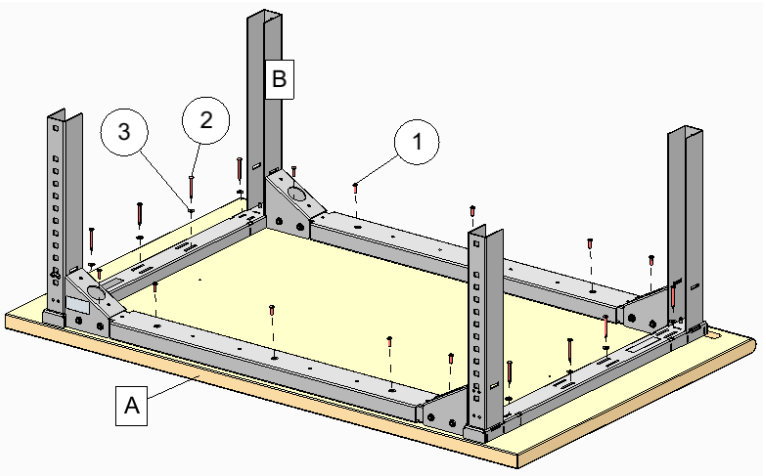
Secure Side Frames and Stiffeners to Worksurface

Place the Upper Side Frame and Stiffener assembly (B) on the underside of the Worksurface (A), as shown in Figure 4.

Secure Stiffeners to Worksurface using ten, #10AB x 5/8" Phillips Pan Head screws (1).

Secure Upper Side Frames to Worksurface using eight, #10 x 1-3/4" Phillips Pan Head screws (2), with #10 Flat Washers (3).

Figure 4: Secure Side Frames and Stiffener to Worksurface



A	Worksurface Underside
B	Upper Side Frame and Stiffener Assy
1	Screw, #10AB x 5/8" Phillips Pan Head, Black (82287)
2	Screw, #10 x 1-3/4", Phillips Pan Head (85320)
3	Washer, #10 flat (54225)

Step 4: Attach Accessory Bracket and Two Drawer Pedestal (optional)

NOTE

If NOT attaching the optional Accessory Bracket and Two Drawer Pedestal, then GO TO Step 5: Determine Worksurface Height and Re-Attach Lower Side Frames, page 14.

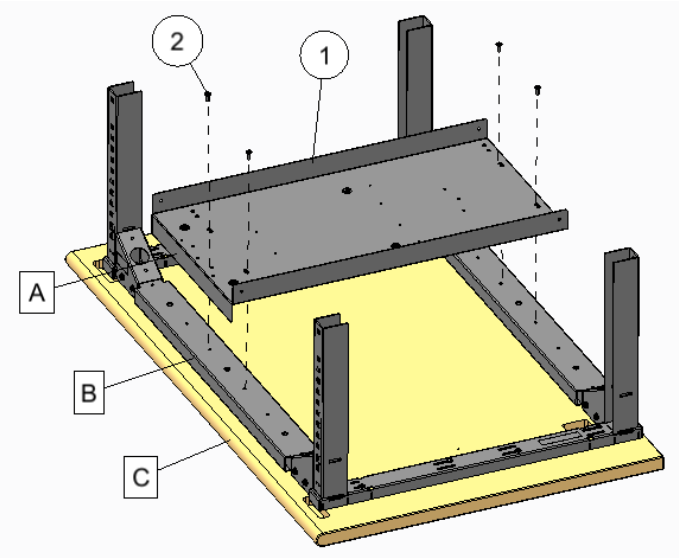
With the Upper Side Frame and Stiffener assembly firmly attached to the underside of the Worksurface, secure the Accessory Bracket (1) to the front and back Stiffeners using four, #14B x 5/8", Phillips, Pan Head screws (2), as shown in Figure 5.

NOTE

The illustration shows the Accessory Bracket centered along the front Stiffener. Depending on user preference, the Accessory Bracket and Two Drawer Pedestal may also be attached to locations left or right of center.

A	Point flange on front edge of Accessory Bracket towards Laminate Worksurface underside.
B	Abut inside edge of flange to outside edge of front Stiffener.
C	FRONT edge of Worksurface.
1	Accessory Bracket
2	Screw, #14B x 5/8", Phillips, Pan Head (54298)

Figure 5: Attach Accessory Bracket to Stiffeners



Secure Hanger Screws to Accessory Bracket

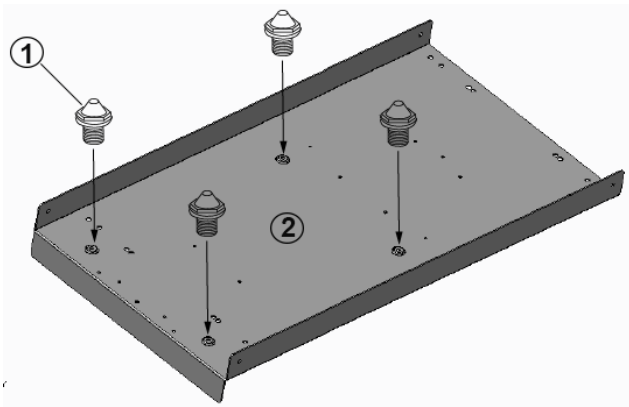
After the Accessory Bracket is fastened to the front and back Stiffeners, secure the four Pedestal Hanger screws (1) to the bottom of the Accessory Bracket (2), as shown in Figure 6.

CAUTION

Do NOT over-tighten Hanger screws.

1	Pedestal Hanger screws; Qty. 4 Shipped with Two Drawer Pedestal
2	Accessory Bracket (bottom)

Figure 6: Secure Hanger Screws to Accessory Bracket



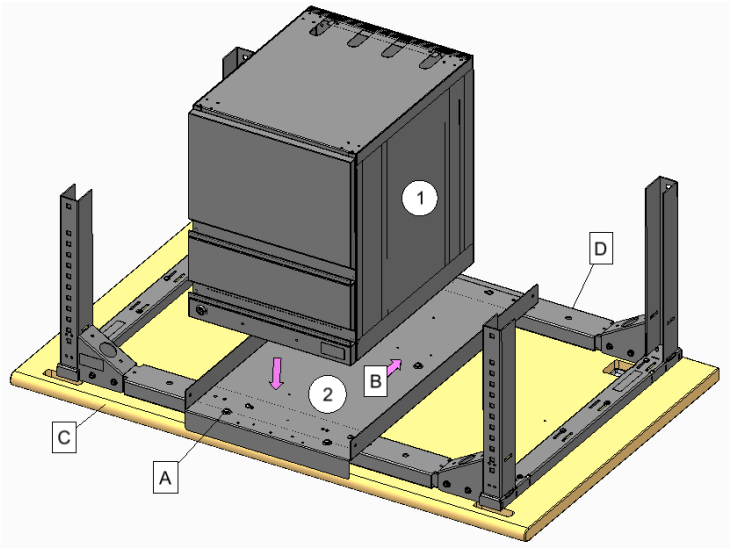
Attach Two Drawer Pedestal to Accessory Bracket

WARNING

To avoid injury, it is recommended that two installers work together to lift the Pedestal (1) onto the Accessory Bracket (2).

As shown in Figure 7, to attach the Two Drawer Pedestal (1), turn the Pedestal upside down and place the four key-slots in the top surface of the Pedestal over the four Hanger screws (A) on the Accessory Bracket (2). To lock the Pedestal in place, push/slide the Pedestal towards the rear (B) until the spring clips inside the Pedestal holes lock into place.

Figure 7: Attach Pedestal to Accessory Bracket



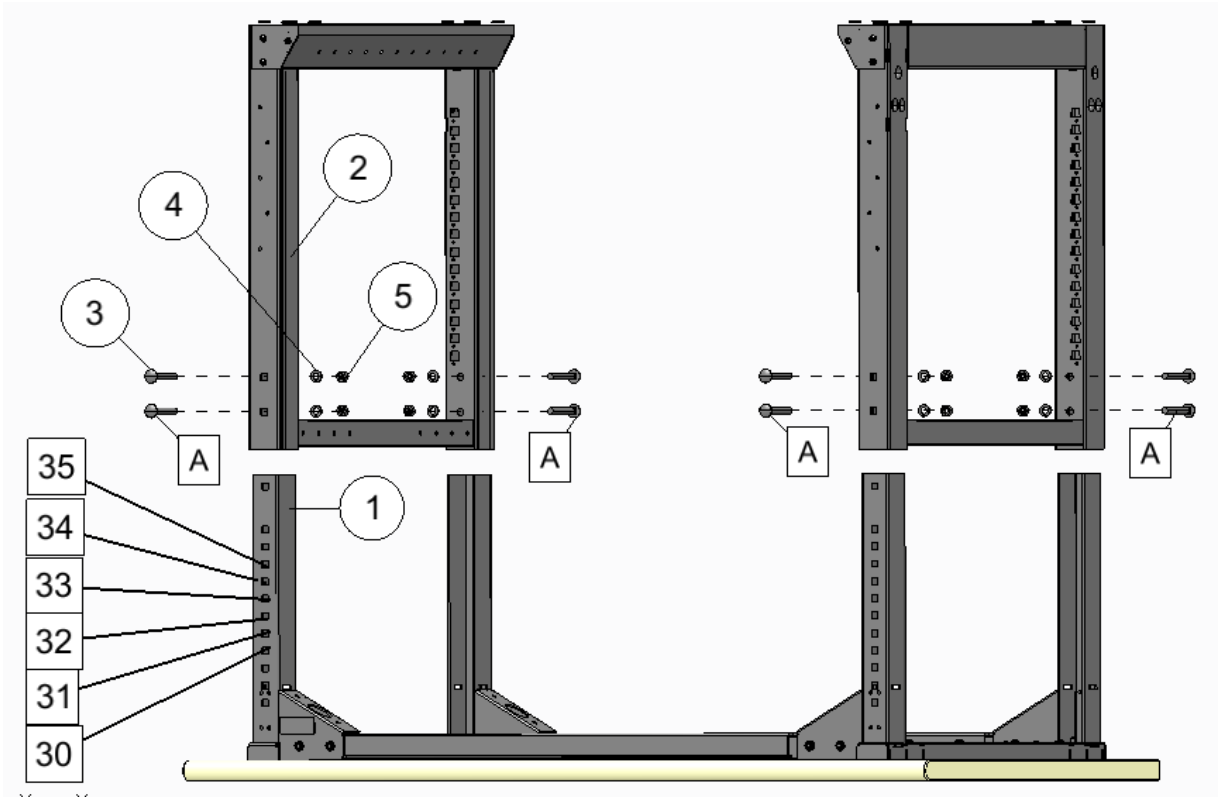
A	Hanger Screws (4)
B	Sliding Pedestal Towards Rear Locks Spring Clips in Place
C	FRONT of TechBench™
D	REAR of TechBench™
1	Two Drawer Pedestal
2	Accessory Bracket (bottom)

Step 5: Determine Worksurface Height and Re-Attach Lower Side Frames

Determine Worksurface Height

Figure 8 shows a view of the TechBench™, up-side down, with the Worksurface flat on the floor and the Lower Side Frames (2) separated from the Upper Side Frames (1). As shown, when assembled, the Upper Side Frames (1) slide inside the Lower Side Frames (2) and eight, Carriage Bolts (3), Washers (4), and Nuts (5) are used to fasten the components together at a specific height.

Figure 8: Determine Worksurface Height



When adjusting the TechBench™ to set the Worksurface height, two factors (measurements) must be taken into consideration. The first measurement (setting) is the height of the TechBench™ base, which includes the Upper and Lower Side Frames along with the thickness of the Laminate Worksurface. As shown in Figure 8, this ranges from 30" (76.2 cm) to 35" (89.9 cm). The second factor (measurement) is the height of the adjustable Leveling Glide Feet (range .5 (1.27 cm) to 2.5" (6.35 cm), or the fixed height of the Caster Wheels, 5.625" (14.29 cm), depending upon which are installed. ***To obtain/achieve the full height of the Worksurface, the base measurement must be added to the height of the Leveling Glides or Casters, depending upon which ones are to be attached.***

To secure the base height, line up the holes and Carriage Bolts (A) located on the Lower Side Rails with the desired holes (items 30-35) on the Upper Side Rails. Once all bolts are inserted, secure using the Washers (4) and Nuts (5) provided.

NOTE	To determine the full height of the Worksurface, the Side Frame measurement, 30" (76.2 cm) to 35" (89.9 cm), must be added to the height set for the Leveling Glides, .5 (1.27 cm) to 2.5" (6.35 cm), or Coasters, 5.625" (14.29 cm) fixed, depending upon which ones will be installed on the TechBench™.

Re-Attach Lower Side Frames

NOTE

When setting the height, remember to add the height of the Leveling Glide Feet, .5” (1.27 cm) to 2.5” (6.35 cm), or Coasters, 5.625” (14.29 cm) fixed, to the base measurement, depending upon which ones will be installed. For details, see Determine Worksurface Height, on page 14.

NOTE

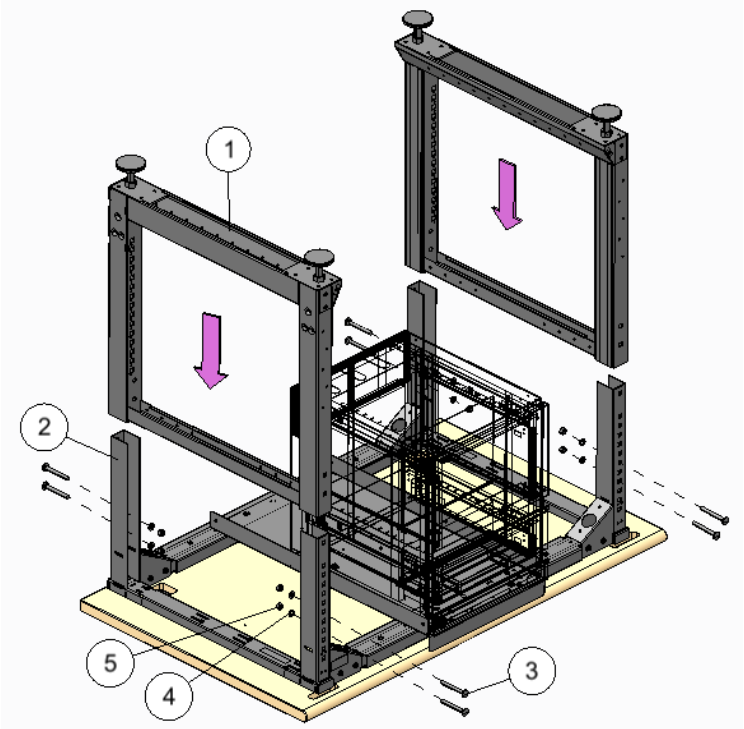
Leveling Glide Feet will be adjusted in the next step. If Leveling Glide Feet are to remain on the TechBench™ (not removed), select a measurement for the Leveling Glide Feet (to be used in the next step), and add that value to the base measurement when determining the full height of the Worksurface for this step.

For Casters, add the fixed value of 5.625” (cm).

As shown in Figure 9, re-attach the Lower Side Frames (1) to the Upper Side Frames (2) using the eight Carriage Bolts (3), Washers (4), and Nuts (5) removed in Step 1.

1	Lower Side Frame
2	Upper Side Frame
3	Carriage Bolt, 3/8-16 x 3.00” Long (85056)
4	Washer, Split Lock 3/8" Dia. (85057)
5	Nut, 3/8-16 (84363)

Figure 9: Re-Attach Lower Side Frames



Step 6: Adjust Height of Leveling Glides

NOTE

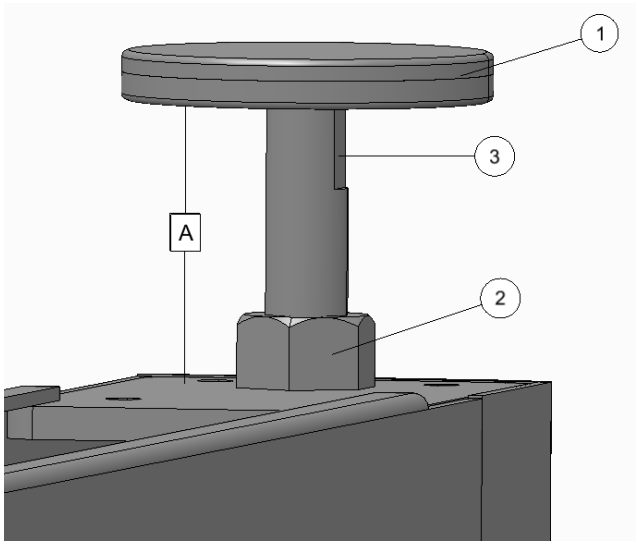
If Casters and the Foot Rest are to be attached to the bottom of the TechBench™, skip this step and GO TO Step 7: Attach Casters and Foot Rest to Bottom of TechBench™ (optional), on page 16.

To adjust Leveling Glides, use a 1/2” open end wrench at Notch position (3). Turn Counter Clockwise (CCW) to increase distance (A) and Clockwise (CW) to decrease. Use a 1” open end wrench to loosen/tighten Check Nut (2). Tighten Check Nut once Leveling Glide Foot is set. See Figure 10.

A	Leveling Glide range is 0.5” (12.7 mm) minimum, to 2.5” (63.5 mm) maximum.
1	Leveling Glide Foot
2	Check Nut (1”)
3	Notch (1/2”)

Once Leveling Glide height adjustments are complete, GO TO Step 8: Attach Back Panel, on page 18.

Figure 10: Adjust Leveling Glide Height



NOTE

Set all four Leveling Glides to the same measurement (A). Leveling Glide range is .5” (12.7 mm) to 2.5” (63.5 mm).

Step 7: Attach Casters and Foot Rest to Bottom of TechBench™ (optional)

NOTE

If Casters and Foot Rest are NOT to be installed, then skip this step and GO TO Step 8: Attach Back Panel, on page 18.

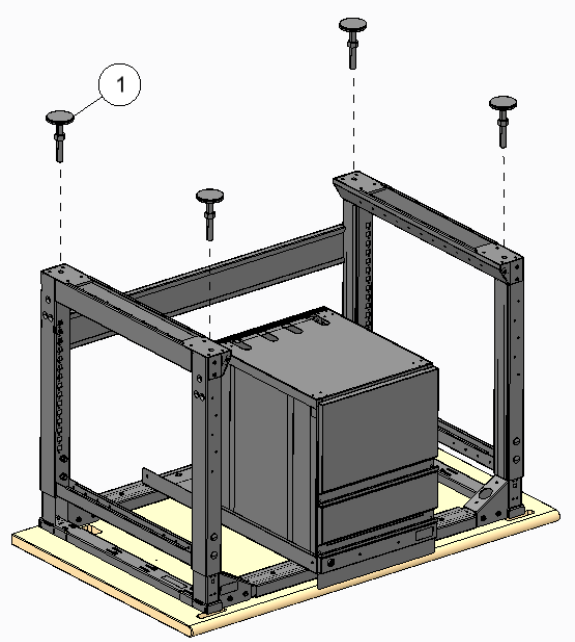
Remove Leveling Glide Feet

Before Casters can be attached, the four Leveling Glide Feet (1) must be removed.

To remove the Leveling Glide Feet (Figure 11), use a 1/2” open end wrench on the Notch point (see Figure 10, on page 16 to view Notch location). Turn Leveling Glide CCW to remove.

1	Four Leveling Glide Feet

Figure 11: Remove Leveling Glide Feet



Attach Casters to TechBench™

As shown in Figure 12, attach Locking Casters (1) to the front (A) of the TechBench™, and Non-Locking Casters (2) to the rear of the TechBench (B).

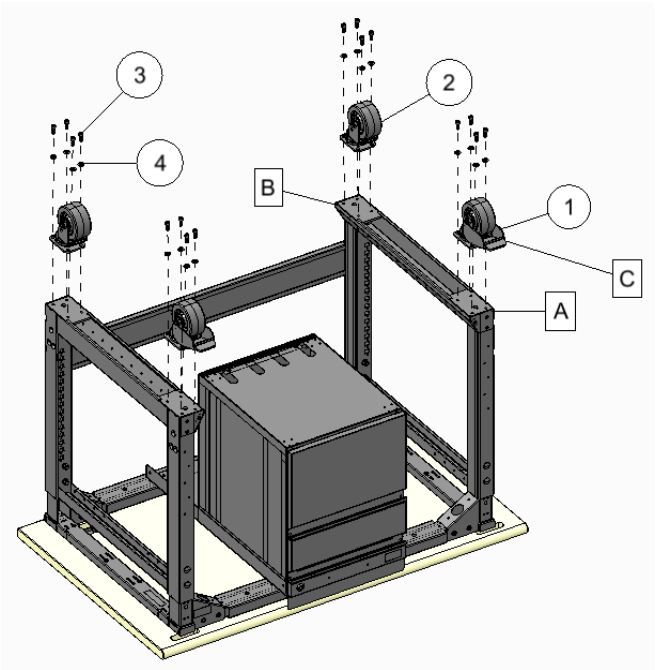
NOTE

When attaching Locking Casters (1), make sure the Locking Mechanism (C) is pointing forwards, towards the front, as shown.

Secure each Caster to the TechBench™ using four, 5/16” x 3/4” Long, Socket Head Cap screws, and 5/16” Washers. Tighten screws using 1/4” Allen wrench.

A	FRONT of TechBench™
B	REAR of TechBench™
C	Locking Mechanism
1	Locking Caster
2	Non-Locking Caster
3	Screw, 5/16” x 3/4” Long, Socket Head Cap (91360)
4	Washer, 5/16” SAE, Flat Black (81710)

Figure 12: Attach Casters to TechBench™



NOTE

Casters add 5.65” (142.24 mm) to height of Worksurface.

Attach Foot Rest to TechBench™

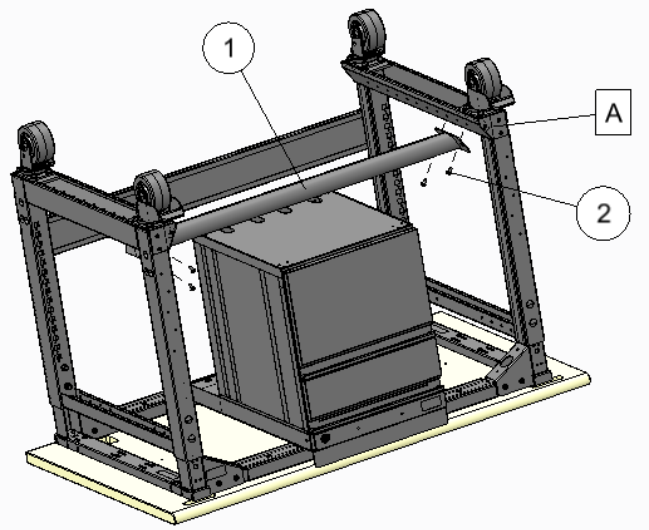
As shown in Figure 13, attach the Foot Rest (1) to the inside edges of both lower Side Frames using four, 1/4”-20 x 1/2” Hex Washer Head, Self-Threading screws (2).

NOTE

The Foot Rest (1) is typically attached to the most forward location along the inside of the lower Side Frames (A), as shown. Additional holes are available on both sides to position/re-locate the Foot Rest further back if necessary.

A	Front of TechBench™
1	Foot Rest
2	Screw, 1/4”-20 x 1/2” Hex Washer Head, Self-Threading (54348)

Figure 13: Attach Foot Rest to TechBench

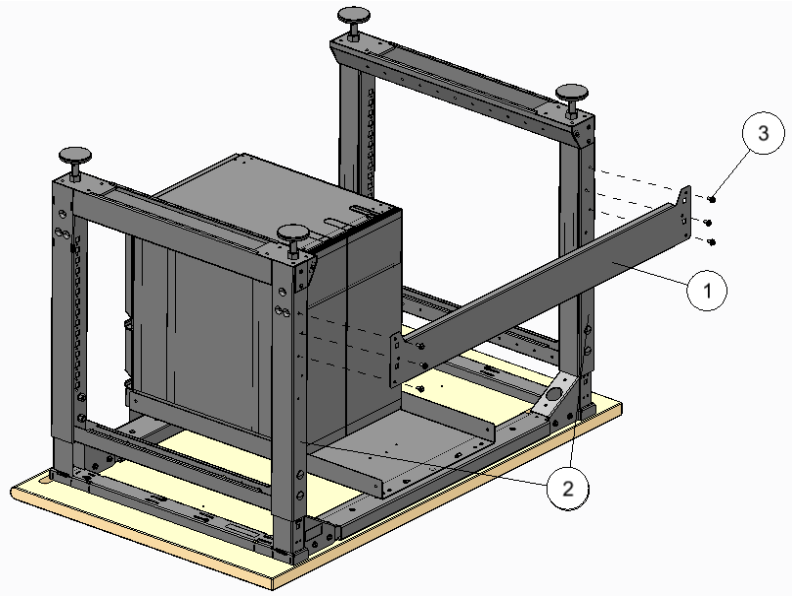


Step 8: Attach Back Panel

Using six, 1/4”-20 x 1/2” Hex Washer Head, Self-Threading screws (3), attach the Back Panel (1), to the rear of both Side Frames (2), as shown in Figure 14.

1	Back Panel
2	Side Frames (rear)
3	Screw, 1/4”-20 x 1/2” Hex Washer Head, Self-Threading (54348)

Figure 14: Attach Back Panel



Step 9: Turn the TechBench™ Upright

WARNING

To avoid injury, it is recommended that two or more installers work together to turn the TechBench™ upright.

As shown in Figure 15, turn the TechBench™ upright so it is resting on either the Casters or Leveling Glides.

NOTE

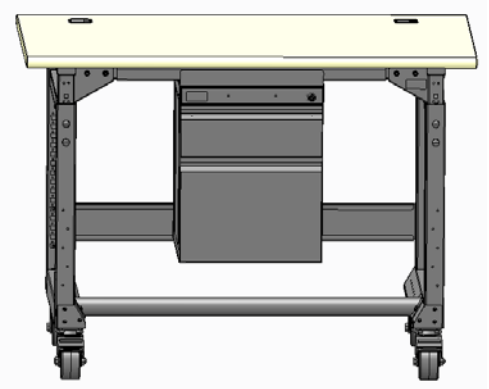
If Casters were installed on the TechBench™, there is no need for leveling. GO TO Step 10: Attach TechOrganizer to Worksurface, on page 20.

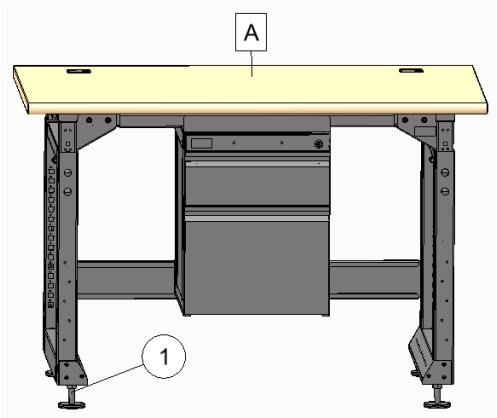
Level TechBench™ Worksurface

If Casters were NOT installed on the TechBench™, then place a Leveling device on the Worksurface (A) and level the Worksurface by adjusting the height of the four Leveling Glides (1).

To adjust the Levelers, use a 1” open end wrench to loosen the Check Nut. Use a 1/2” open end wrench on the Leveler Notch to adjust the Leveler height (CCW to raise a corner and CW to lower). Tighten all four Check Nuts once final adjustments are made. For a detailed view of the Leveling Glide, see Figure 10, on page 16.

Figure 15: Turn TechBench™ Upright





Step 10: Attach TechOrganizer to Worksurface (optional)

As shown in Figure 16, position the TechOrganizer (1) along the rear of the Worksurface (2).

Adjust the rear edge of the TechOrganizer (1) so that it is .2” (5.08 mm) from the rear edge of the Worksurface (A).

Using a plastic mallet, tap the ends of the TechOrganizer frame to ensure both feet and frame are at a 90° angle in reference to the corner of the Worksurface.

Using the holes along the frame bottom crossbar (B) and both feet (C) as a template, drill holes .113” (2.97 mm) in diameter and .5” (12.7 mm) deep.

NOTE

Use a 7/64 drill bit to drill holes.

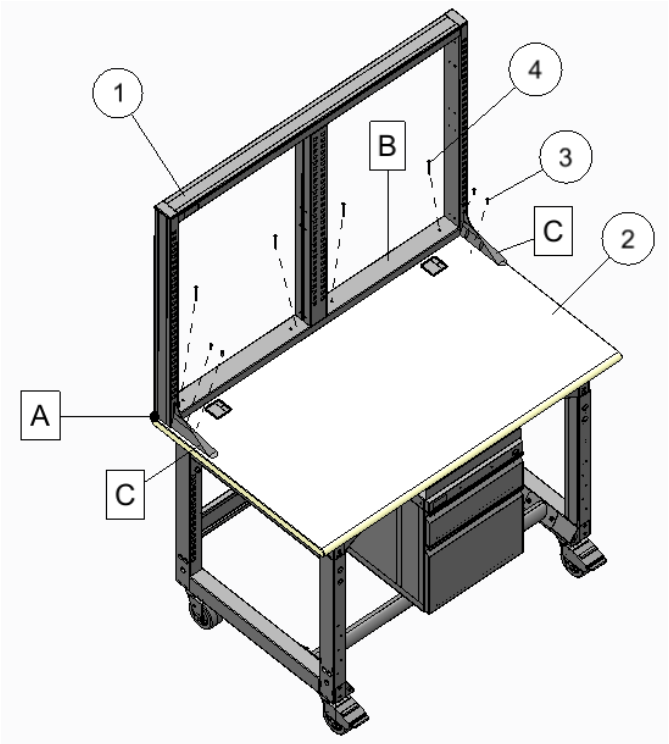
NOTE

It may be easier to mark all drill locations first, using the TechOrganizer as the template, then remove the TechOrganizer, drill the holes, and reposition the TechOrganizer back along the Worksurface edge.

Once all holes are drilled and the TechOrganizer is repositioned, attach the TechOrganizer bottom frame to the Worksurface using four, #10 – 2 1/4” Long, Phillips Flat Head, Self-Tapping screws (4). Attach both feet to the Worksurface using four (two per side), #10 - 3/4” Long, Phillips Pan Head, Self-Tapping screws (3).

A	Position rear edge of TechOrganizer .2” (5.08 mm) from rear edge of Worksurface.
B	TechOrganizer Frame
C	TechOrganizer Feet
1	TechOrganizer
2	Worksurface
3	Screw, #10 - 3/4” Long, Phillips Pan Head, Self-Tapping, Zinc (59103)
4	Screw, #10 – 2 1/4” Long, Phillips Flat Head, Self-Tapping, Zinc (84742)

Figure 16: Attach TechOrganizer to Worksurface



Step11: Attach Mounting Channels and Bin Board to TechOrganizer (optional)

NOTE

If Bin Board and Mounting Channels are NOT to be installed, then GO TO Step 12: Attach Overhead Lighting to TechOrganizer (optional), on page 23.

NOTE

Bin Board and Mounting Channels MUST be installed BEFORE components that might extend across the face of the board, such as a hook on shelf.

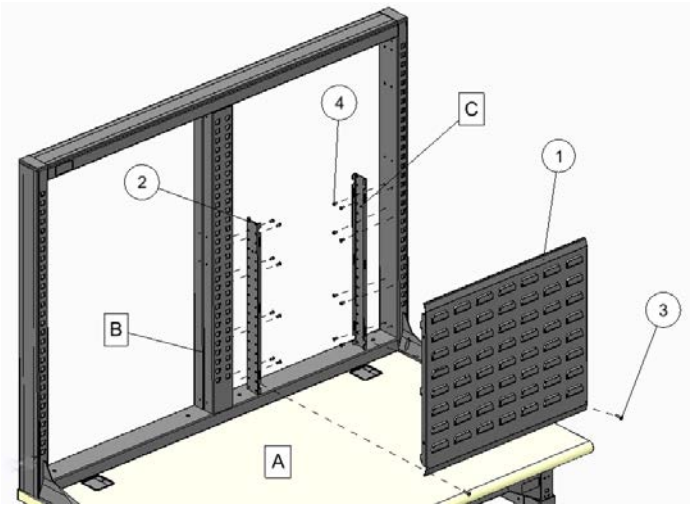
NOTE

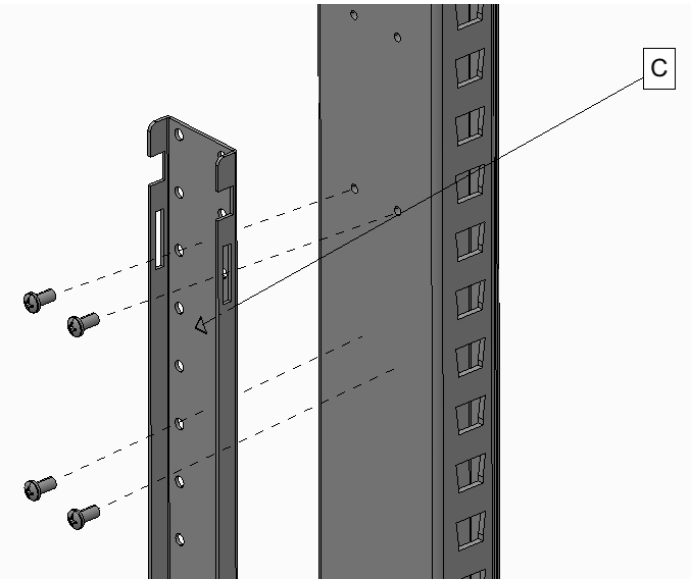
Figure 17 shows the Bin Board and supporting Mounting Channels attached to the lower right section of the TechOrganizer. The Bin Board can be installed at other locations along either side of the TechOrganizer by relocating the Mounting Channels accordingly.

1	Bin Board
2	Mounting Channels
3	Screw, #10-24 x 3/4” Phillips, Pan Head, Thread-Forming (80023)
4	Screw, #8-32 x 3/8” Phillips, Pan Head, Thread-Forming, (83645)
A	TechBench™ Worksurface
B	TechOrganizer Frame with Slotted Standards
C	Embossed Triangle on Mounting Channels – MUST BE AT TOP, when Installed.

As shown in Figure 17, attach each Mounting Channel (2) along the inside of the Slotted Standards (B) using eight, #8-32 x 3/8” Phillips, Pan Head, Thread-Forming screws (4). Make sure to position the Embossed Triangle at the TOP (C) during installation.

Figure 17: Mounting Channels and Bin Board Assembly



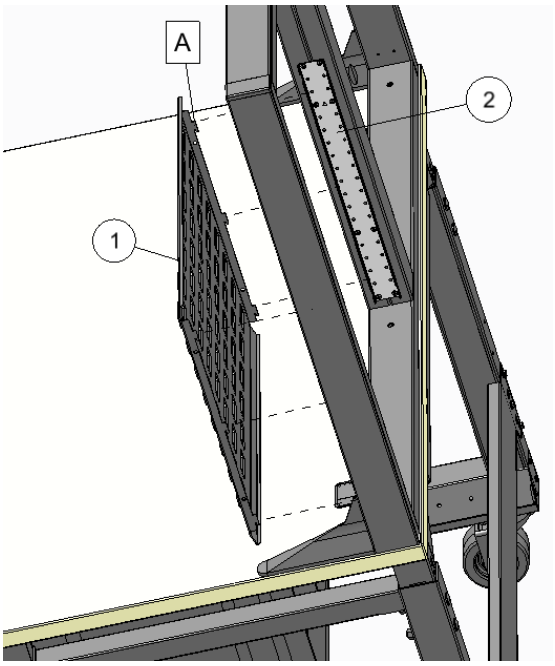


Attach Bin Board to Mounting Channels

1	Bin Board
2	Mounting Channels
3	Screw, #10-24 x 3/4” Phillips, Pan Head, Thread-Forming (80023)
A	Bin Board Panel Hooks (three on each side)

To attach the Bin Board (1) to the Mounting Channels (2), align the Panel Hooks (A) on the back of the Bin board with the rectangular slots on each Mounting Channel. See Figure 18.

Figure 18: Line Up Panel Hooks



As shown in Figure 19, insert and firmly seat the three Panel Hooks (A) along each side into the slots on the Mounting Channels (2).

NOTE

Use a flat blade screwdriver as a lever or plastic mallet as required.

Secure the Bin Panel to the Mounting Channels using two, #10-24 x 3/4” Phillips, Pan Head, Thread-Forming screws, as shown in Figure 20.

Figure 19: Insert Panel Hooks Into Channel Slots

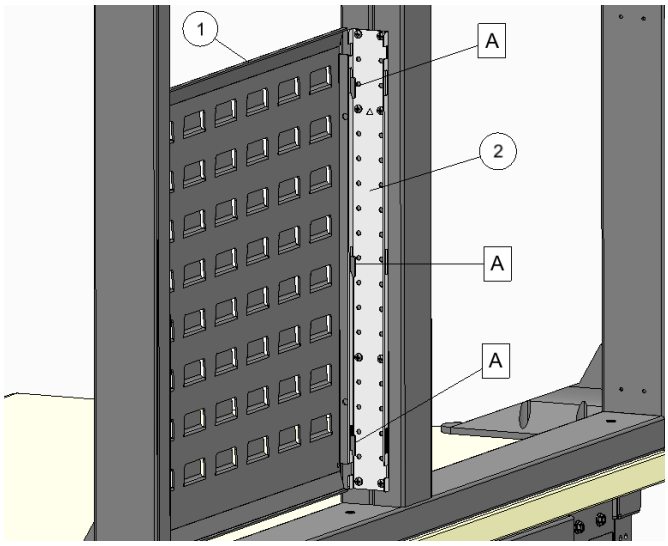
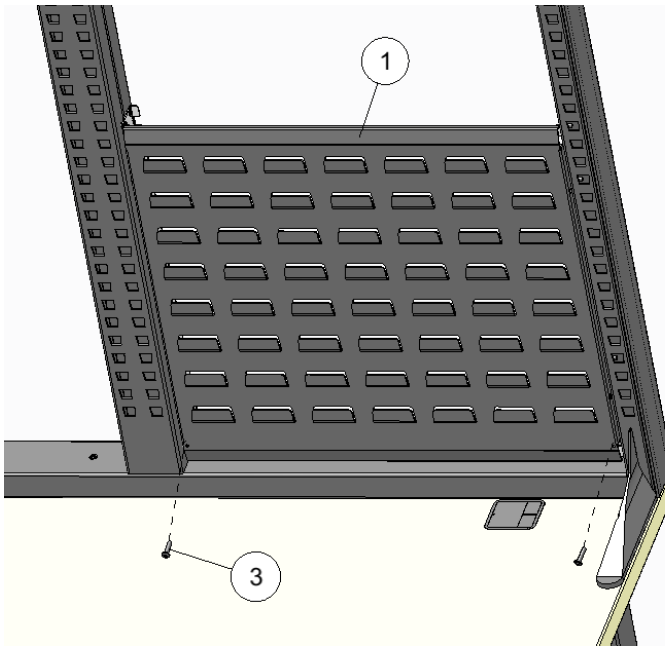


Figure 20: Secure to Mounting Channels



Step 12: Attach Overhead Lighting to TechOrganizer (optional)

NOTE

If the Overhead Light is NOT to be installed, then GO TO Step 13: Attach Laminate Hook-On Shelf (optional), on page 26.

Overhead Lighting Components

Figure 21: Overhead Lighting Components

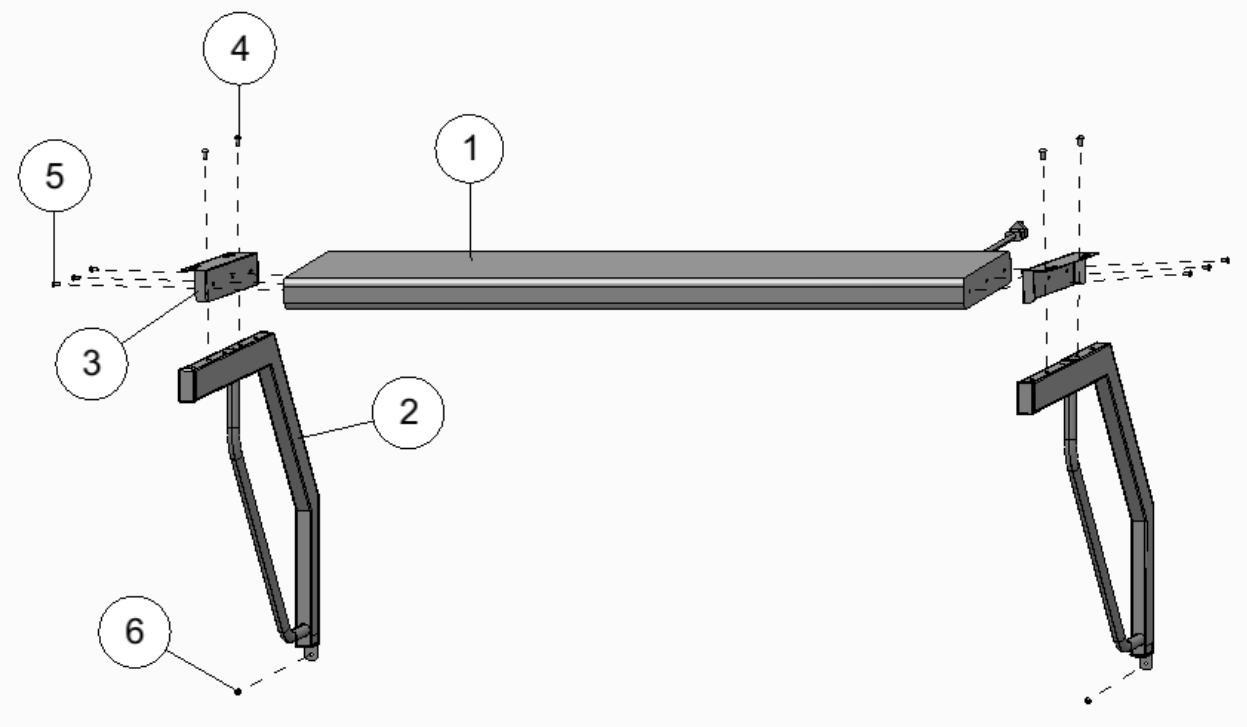


Figure 21 shows the components comprising the Overhead Lighting assembly. As illustrated, the assembly consists of the Overhead Light (1), two Support Brackets (2), two Mounting Spacers (3), and the hardware Screws (4, 5 and 6), used for interconnecting the components together and for fastening the unit to the TechOrganizer.

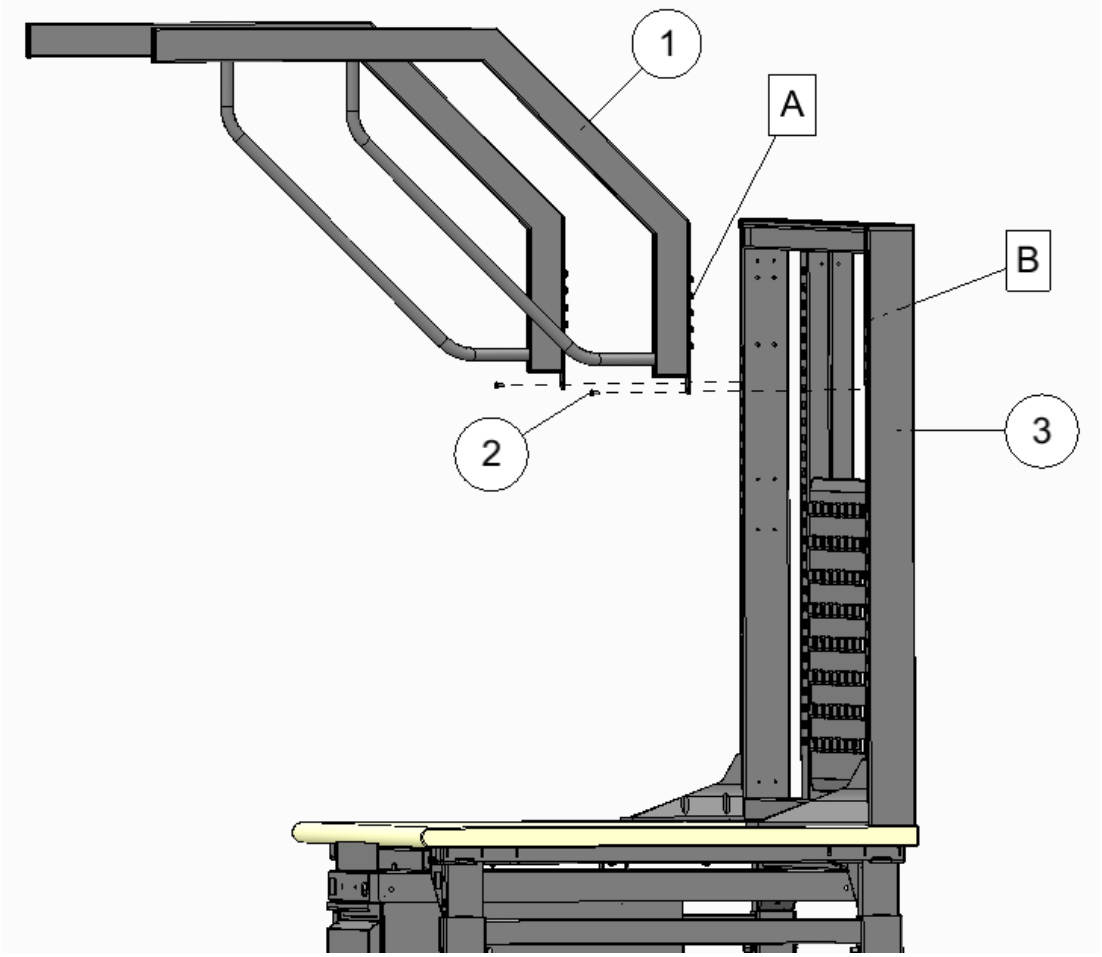
NOTE

The Overhead Light (High Profile Model) hooks onto the slotted standard (trapezoid shaped holes) at the top of the TechOrganizer. If attached to the very top, the light will sit 12" above the top of the frame.

1	Overhead Light (High Profile Model)
2	Support Bracket
3	Mounting Spacers
4	Screw, 1/4"-20 x 1/2", Button Head (82703)
5 + 6	Screw, 10-24 x 3/8" Phillips, Pan Head, Thread Forming, Black Oxide, (66714)

Attach Support Brackets to TechOrganizer

Figure 22: Hook Support Brackets onto TechOrganizer

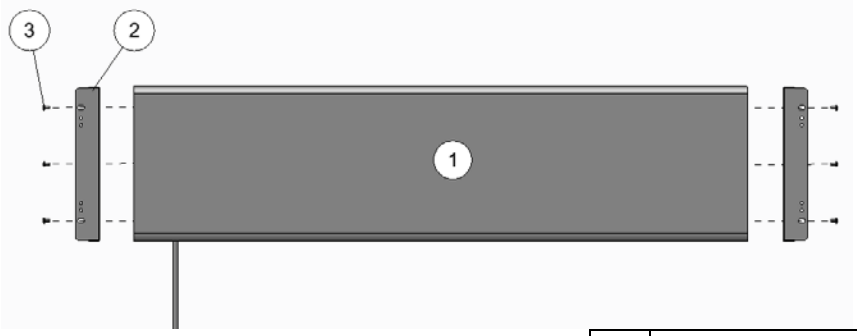


Select the position (height) where the Support Brackets (1) will be attached to the TechOrganizer (3). Insert the Hooks (A) into the Slotted Standard (B). Tap the brackets down making sure the hooks are seated firmly into the frame. As shown in Figure 22, secure the brackets to the standards using two, 10-24 x 3/8" Phillips, Pan Head, Thread Forming, Black Oxide, screws (2).

1	Support Brackets
2	Screw, 10-24 x 3/8" Phillips, Pan Head, Thread Forming, Black Oxide, (66714)
3	TechOrganizer Frame
A	Hooks
B	Slotted Standard (trapezoid shaped holes)

Attach Mounting Spacers to Overhead Light

Figure 23: Attach Mounting Spacers to Overhead Light



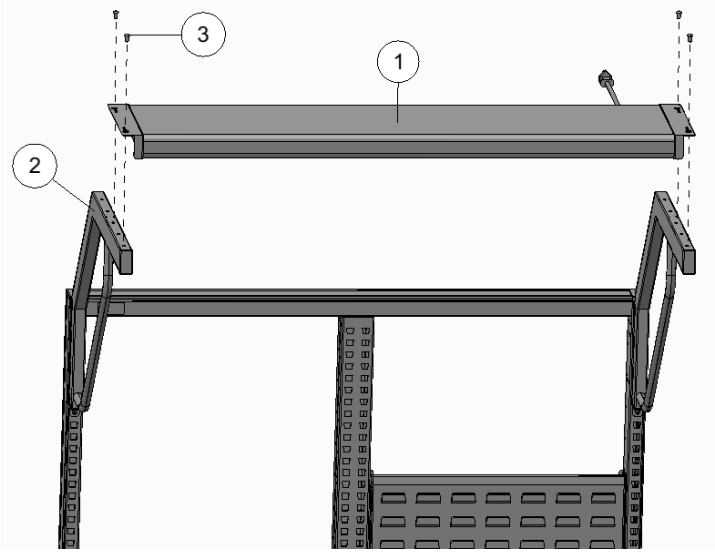
The Mounting Spacers (2) must be attached to the ends of the Overhead Light (1) before the light can be secured to the Support Brackets.

As shown in Figure 23, secure the Mounting Spacers (2) to the Overhead Light (1) using six, 10-24 x 3/8” Phillips, Pan Head, Thread Forming, Black Oxide, screws.

1	Overhead Light
2	Mounting Spacers
3	Screw, 10-24 x 3/8” Phillips, Pan Head, Thread Forming, Black Oxide, (66714)

Attach Overhead Light to Support Brackets

Figure 24: Attach Overhead Light to Support Brackets



Once Mounting Spacers are attached to both ends of the Overhead Light (1), it can be attached to the top of the Support Brackets (2), using four, 1/4”-20 x 1/2”, Button Head, screws, as shown in Figure 24.

NOTE

The Overhead Light can be mounted in three different locations (front to back) along the top of the Support Brackets.

1	Overhead Light
2	Support Brackets
3	Screw, 1/4”-20 x 1/2”, Button Head, (82703)

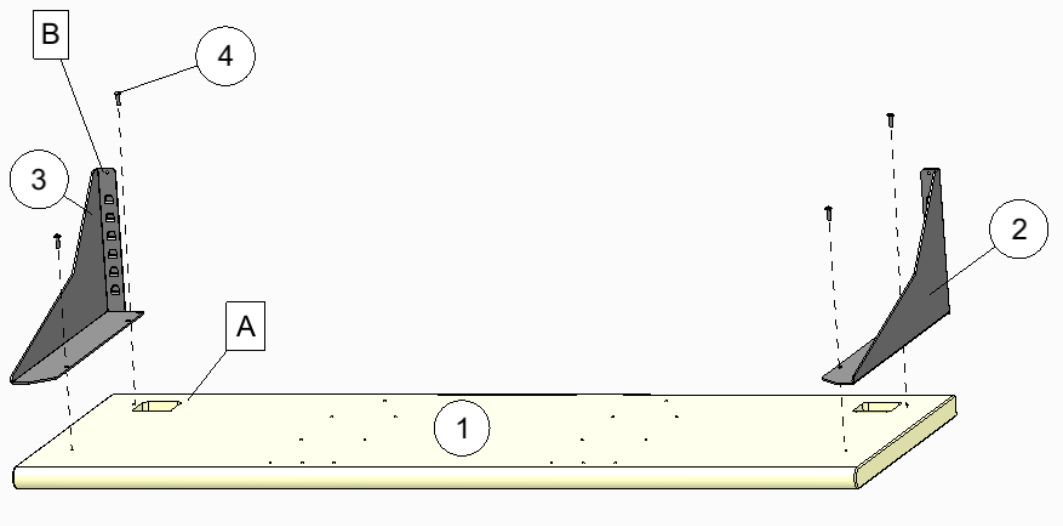
Step 13: Attach Laminate Hook-On Shelf (optional)

NOTE

If Laminate Hook-On Shelf is NOT to be installed, then Go So Step 14: Attach LH and RH Power Strip Brackets (optional), on page 28.

Attach Shelf Supports to Laminate Shelf

Figure 25: Attach Shelf Supports to Laminate Shelf



Before the Laminate Hook-On Shelf can be installed, the Shelf Supports (2 and 3) must first be attached to the Laminate Shelf Underside (1).

As shown in Figure 25, lay the Laminate Shelf (1) with the finished side down on an empty carton or on a clean carpeted surface. Then position the Left Hand (LH) and Right Hand (RH) Shelf Supports (2 and 3) on the underside as shown and secure both Supports to the Laminate Shelf using four, #10AB x 5/8" Phillips, Pan Head, Black, screws.

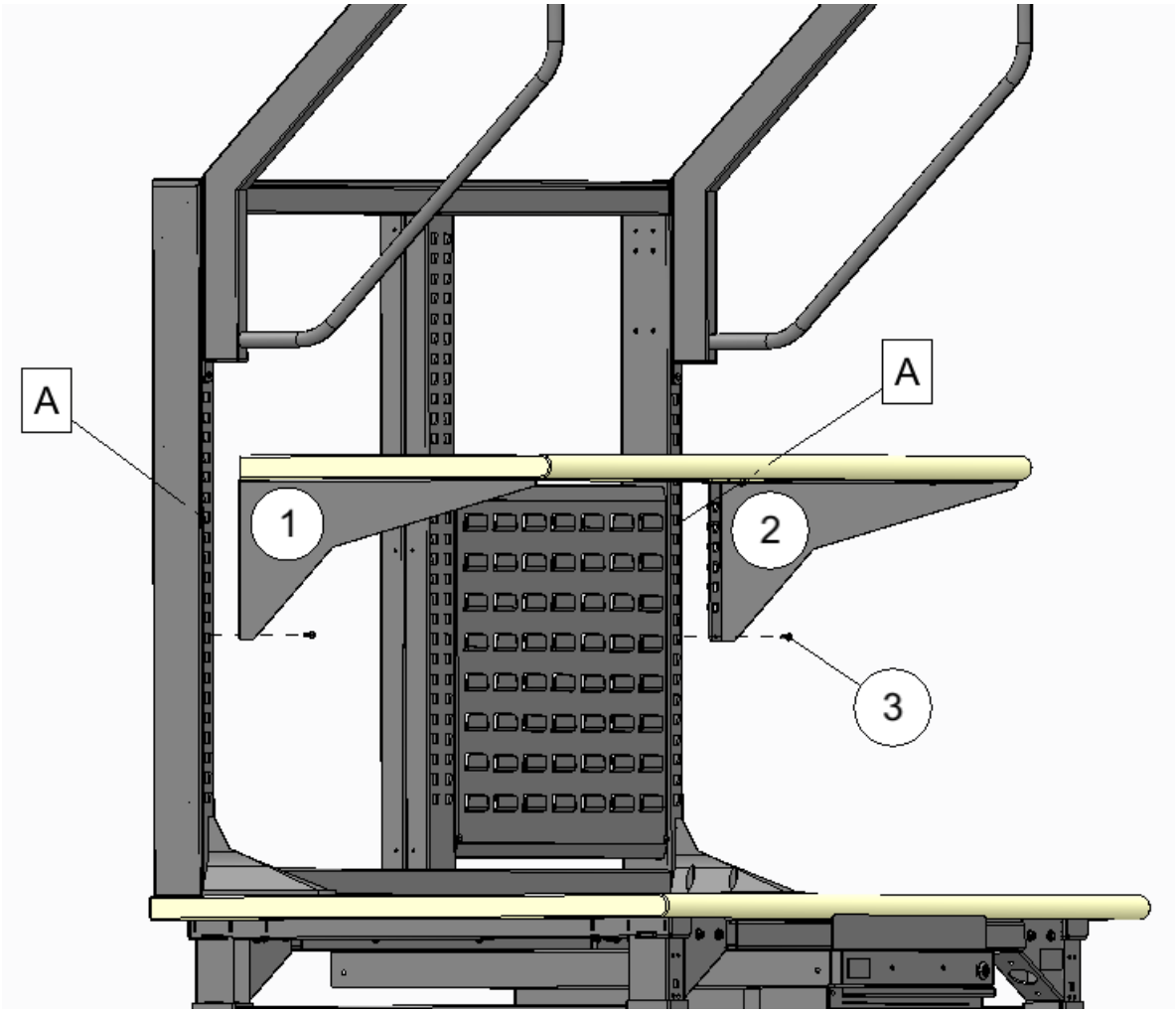
A	Square Holes at Rear of Shelf
B	Hooks on Shelf Supports
1	Laminate Shelf Underside
2	LH Shelf Support
3	RH Shelf Support
4	Screw, #10AB x 5/8" Phillips, Pan Head, Black, (82287)

NOTE

For proper positioning, make sure the hooks (B) on both supports are pointing towards the square holes at the rear of the shelf (A) and the flanges are pointing inward towards one another.

Attach Laminate Shelf to the TechOrganizer

Figure 26: Attach Laminate Shelf to TechOrganizer



Identify the height at which the Laminate Hook-On Shelf will be installed. Insert the hooks at the front of the LH and RH Shelf Supports (2 and 3) into the corresponding holes along both Standards (A).

As shown in Figure 26, secure the shelf to the TechOrganizer using two, 10-24 x 3/8" Phillips, Pan Head, Thread Forming, Black Oxide, screws.

A	Standards with Trapezoid Shaped Holes
1	LH Shelf Support
2	RH Shelf Support
3	Screw, 10-24 x 3/8" Phillips, Pan Head, Thread Forming, Black Oxide, (66714)

NOTE

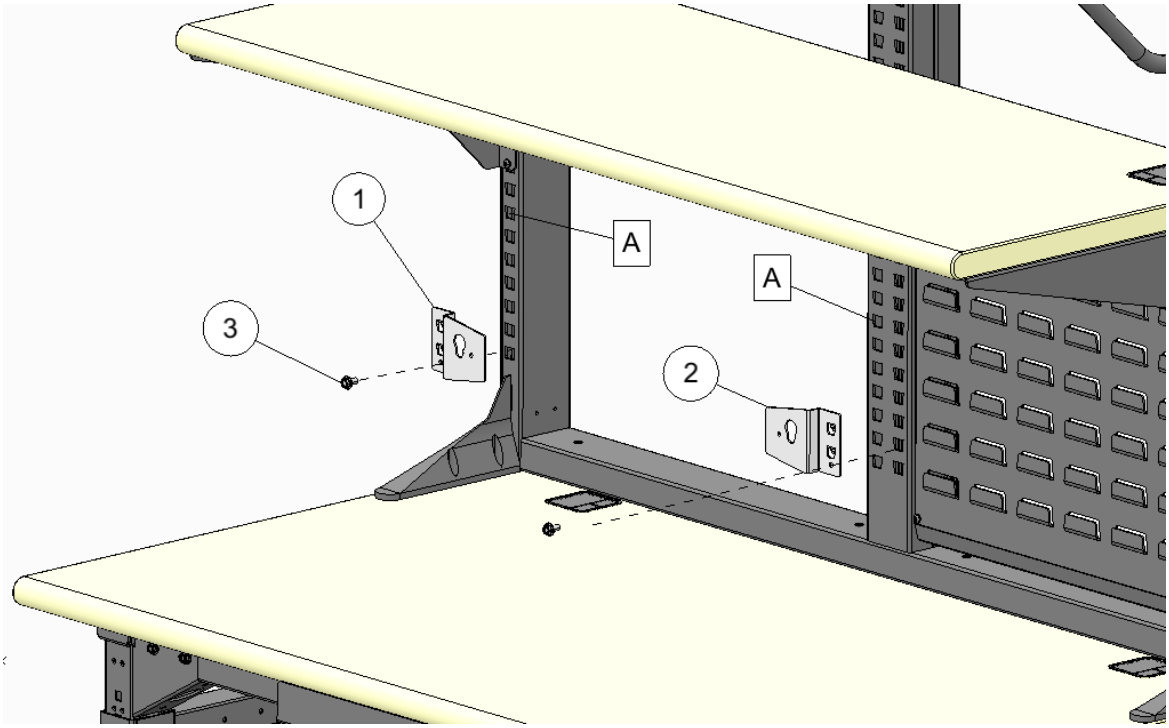
Use a flat blade screwdriver as a lever or a plastic mallet to tap the brackets down making sure the hooks are seated firmly into the frame.

Step 14: Attach LH and RH Power Strip Brackets (optional)

NOTE

If LH and RH Power Strip Brackets are NOT to be installed, then this procedure is complete.

Figure 27: Attach Power Strip Brackets to TechOrganizer



As shown in Figure 27, attach the LH and RH Power Strip Brackets (1 and 2) to the Standards (A) by inserting the hooks at the back of each bracket into the Standard holes and securing each bracket using one, 1/4”-20 x 1/2” Hex Washer Head, Self-Threading, screw (3).

A	Standards with Trapezoid Shaped Holes
1	LH Power Strip Bracket
2	RH Power Strip Bracket
3	Screw, 1/4”-20 x 1/2” Hex Washer Head, Self-Threading (54348)

PROCEDURE COMPLETE.

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