

ESPREE

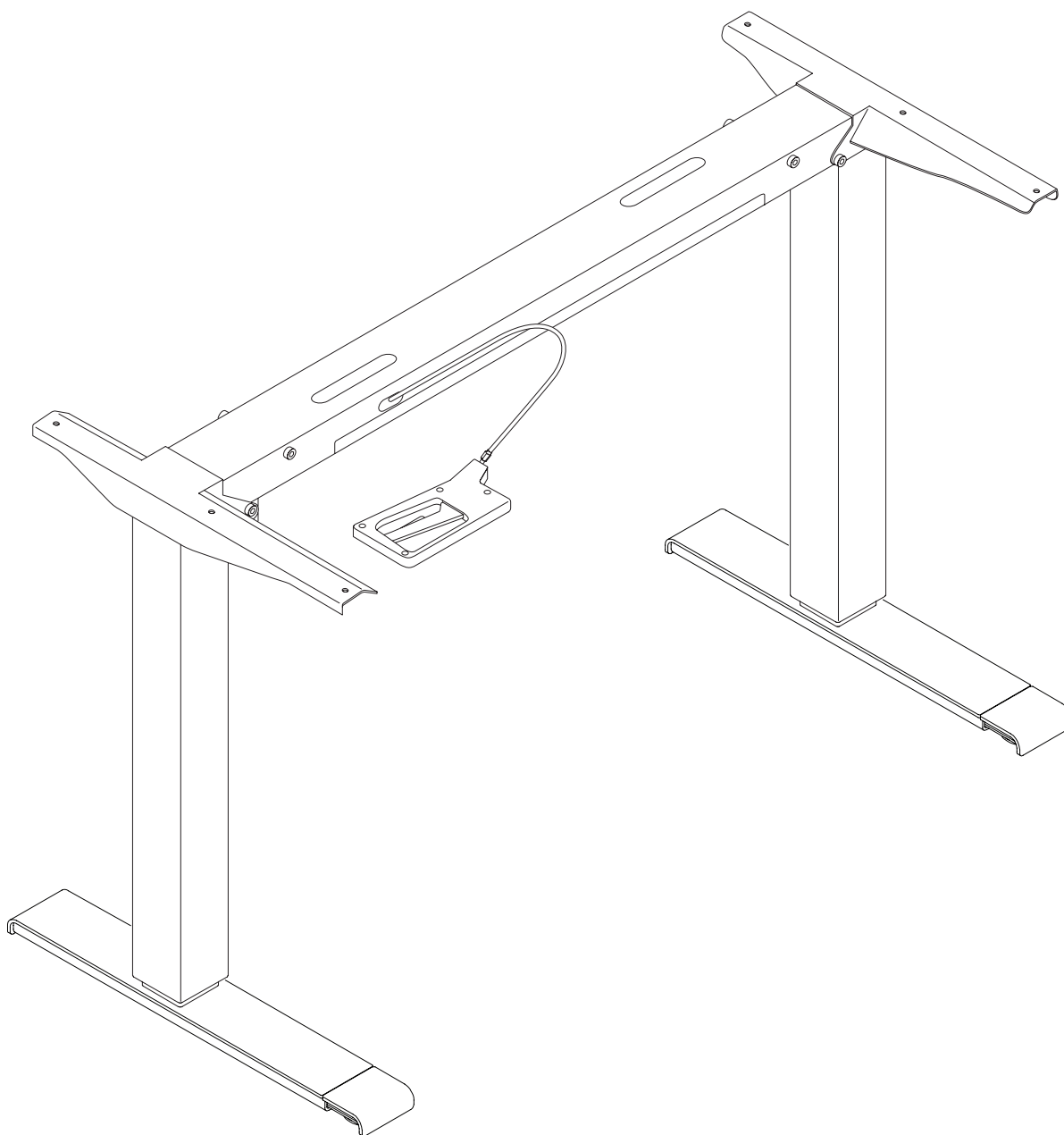
PNEUMATIC TABLE BASE

Model 2ESP-C48-ADJ-___

Model 2ESP-C60-ADJ-___

___ = SLV, BLK or WHT

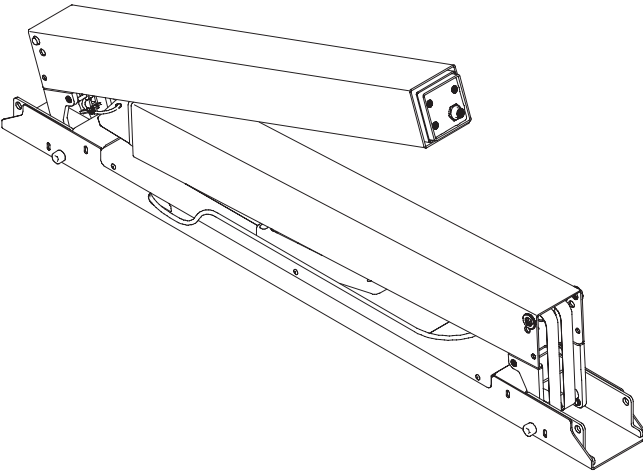
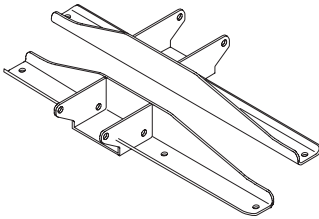
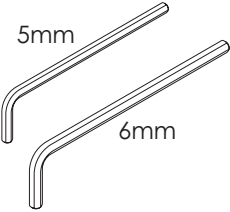

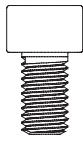


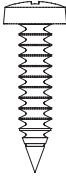

2ESP Rev A 1/17



ASSEMBLY AND OPERATION

PLEASE REVIEW these instructions before beginning the assembly procedures. Check that all the parts shown below were provided with your order. Contact your supplier if any materials are missing. Do not discard the packaging until satisfied that the product operates to your satisfaction.

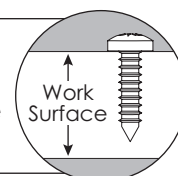
PARTS AND TOOLS PROVIDED

<p>Frame Assembly (1)</p> 	<p>Frame Support Brackets, LH and RH (1 each)</p> 	<p>Allen Keys (1 each)</p> <p>5mm</p> <p>6mm</p> 
<p>Cable Clip (2)</p> 	<p>Fasteners</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  M8x14 SHCS (8) </div> <div style="text-align: center;">  M8x15 SHCS (7) </div> <div style="text-align: center;">  M8x25 FHCS (1) </div> <div style="text-align: center;">  #12x1 PPH (8) </div> <div style="text-align: center;">  #8x3/4 PPH (6) </div> </div> <p>CAUTION: Hand-tighten screws only. Do not use power tools.</p>	

ADDITIONAL TOOLS REQUIRED

- #2 and #3 Phillips screwdriver
- Power drill and 1/8" drill bit

CAUTION: Always check that screws used to attach components to the work surface are not too long for the thickness of the surface.



WARNING: Do not activate the release lever until the table is fully assembled and in the upright position. Do not remove any bolts or hardware from the leg columns. Do not remove the safety pin, safety ring and warning tags until the table is fully assembled and in the upright position. Sudden extension of the table legs may cause serious injury if these instructions are not followed.

IMPORTANT: The columns of this table contain high force pneumatic springs that are sized to lift the work surface and its contents. Proper sizing, handling, and assembly is critical to prevent damage to the columns or serious injury. All persons not involved in the installation should remain at a safe distance until set-up is complete and tested by a qualified installer.

Review the lift rating decal on the frame to learn the minimum and maximum lift weight for the unit. The lift weight is the total weight of the work surface and the contents it supports.

STEP 1

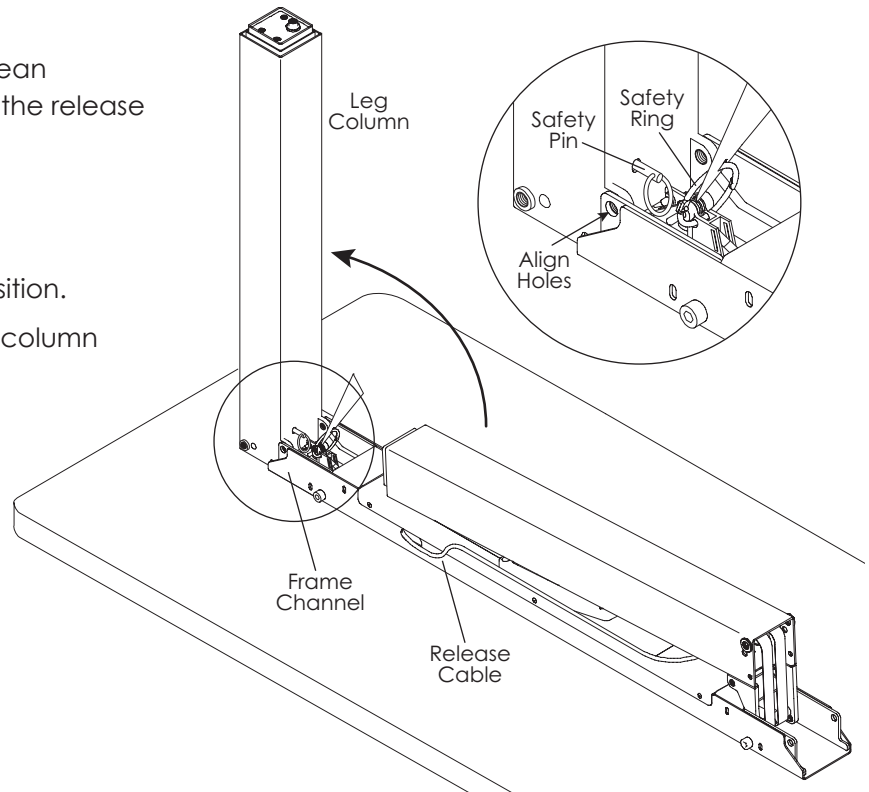
Lay the tabletop face down on a soft, clean surface. Center the frame assembly with the release cable facing the front.

STEP 2

Raise the top table leg to the vertical position.

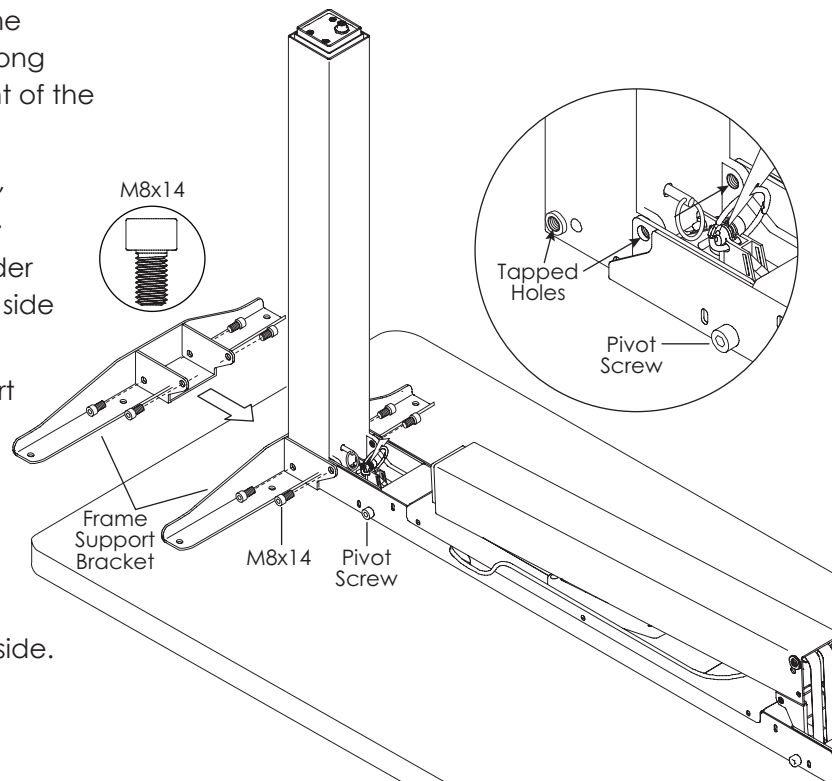
- Align the holes on each side of the leg column with the holes in the frame channel.

WARNING: Do not remove the safety pin or the safety ring until the table is fully assembled and in the upright position.

**STEP 3**

Attach a frame support bracket to the frame channel and leg column. **IMPORTANT:** The long side of the bracket must be toward the front of the table, as shown.

- There are tapped holes in the leg column, which are threaded for the M8x14 screws.
- The bottom of the support bracket fits under the column and the holes on the bracket side pieces align with the tapped holes.
- Use a 5mm Allen key to attach the support bracket with four M8x14 screws, two on each side. Do not tighten down the screws yet.

**STEP 4**

Tighten the two pivot screws, one on each side.

- Use a 6mm Allen key.

STEP 5

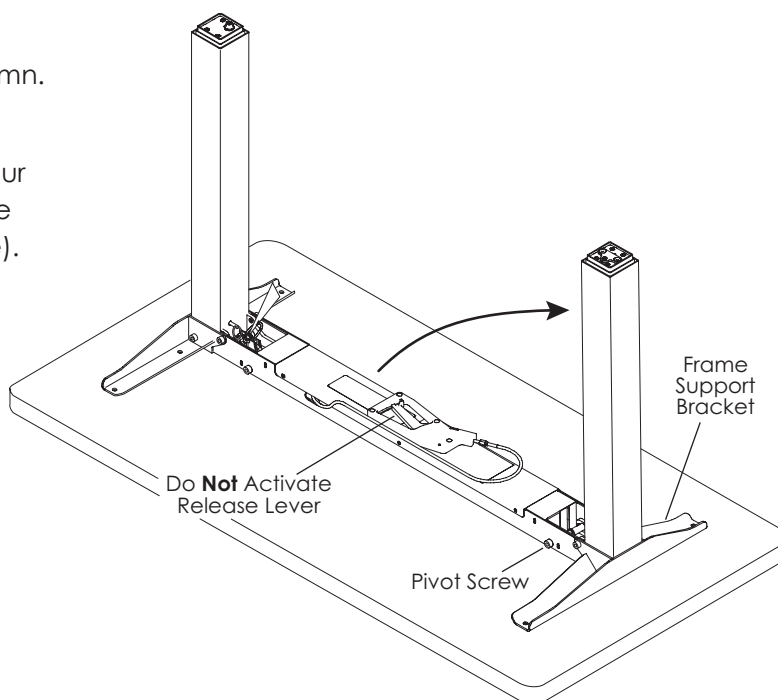
Use the 5mm Allen key to tighten the four M8x14 screws to 7 ft.-lbs.

STEP 6

Repeat steps 2 through 5 for the other leg column.

- Raise leg to the vertical position.
- Loosely attach frame support bracket with four M8x14 screws (again, with the long side of the support bracket toward the front of the table).
- Tighten the pivot screws on each side of the frame channel.
- Tighten the four M8x14 screws to 7 ft.-lbs.

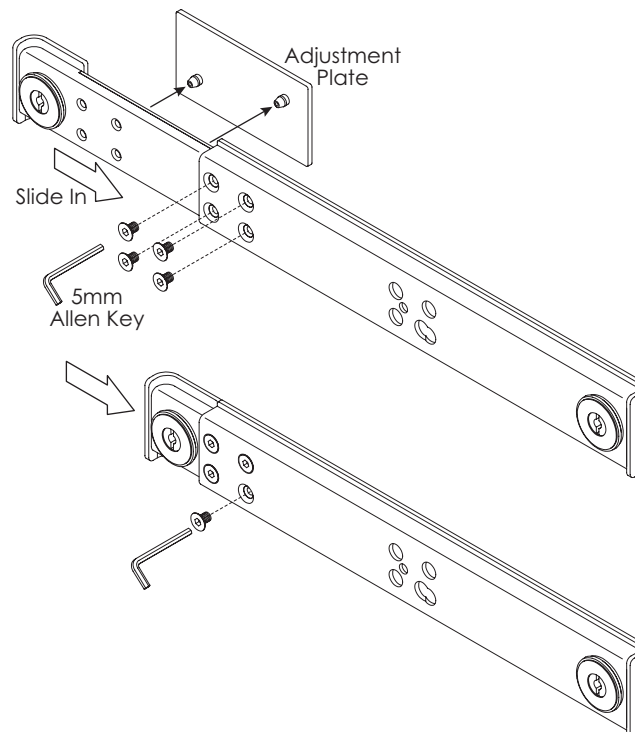
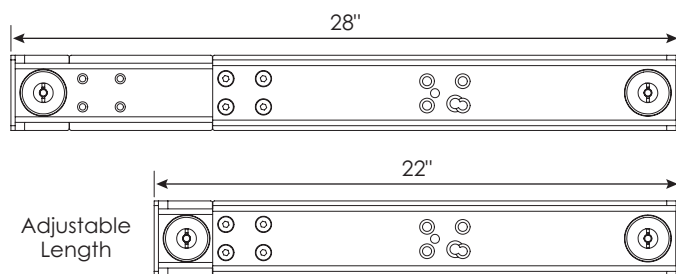
WARNING: Do not activate the release lever until the table is completely assembled and in the upright position, and the safety ring has been removed.



STEP 7

Change the length of the adjustable feet, if necessary.

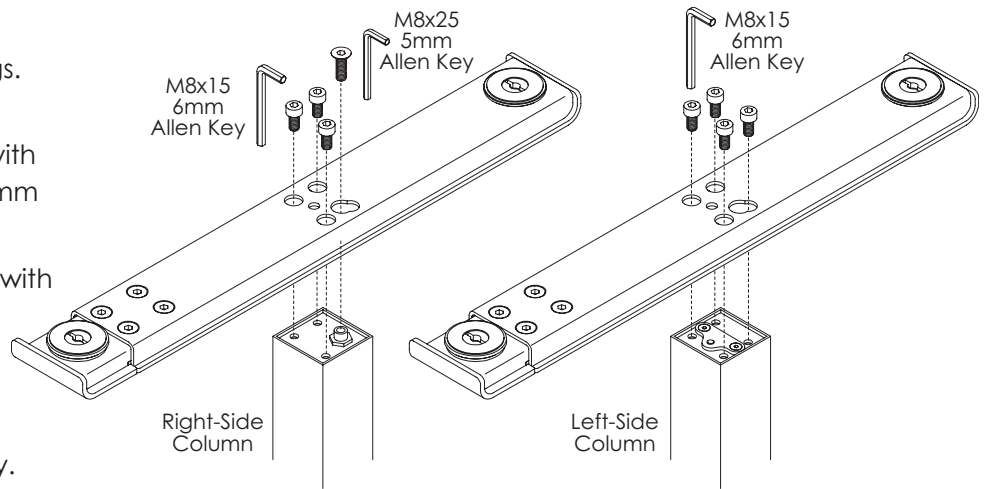
- The length of the feet may be either 22" (55.9cm) or 28" (71.2cm). The feet are shipped in the 28" length.
- To change the length to 22", first remove the adjustment plate. Then use a 5mm Allen key to remove the four screws, as shown.
- Slide the feet to the 22" length and reinstall the four screws with the 5mm Allen key.



STEP 8

Attach a foot to each of the legs.
Refer to the illustrations.

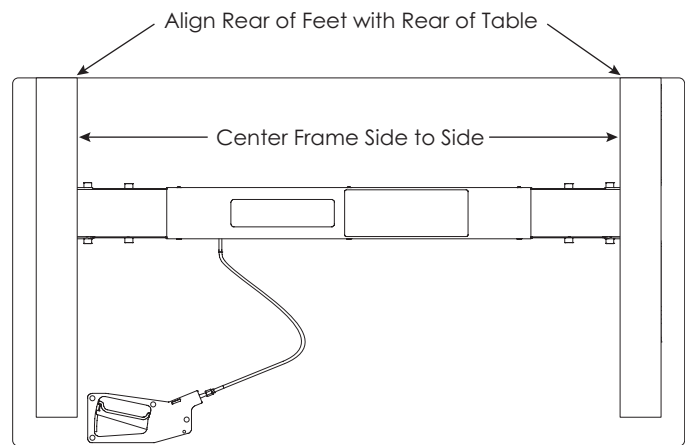
- The left side foot is attached with four M8x15 screws using the 6mm Allen key.
- The right side foot is attached with three M8x15 screws and one M8x25 screw. The M8x25 screw fits into the threaded insert on the leg column. Tighten it with a 5mm Allen key.



STEP 9

Adjust the position of the frame before screwing it to the table.

- The frame should be centered from side to side.
- The rear of the feet should align with the rear of the table.



STEP 10

Once the frame is in its final position, attach the frame supports to the table, as shown.

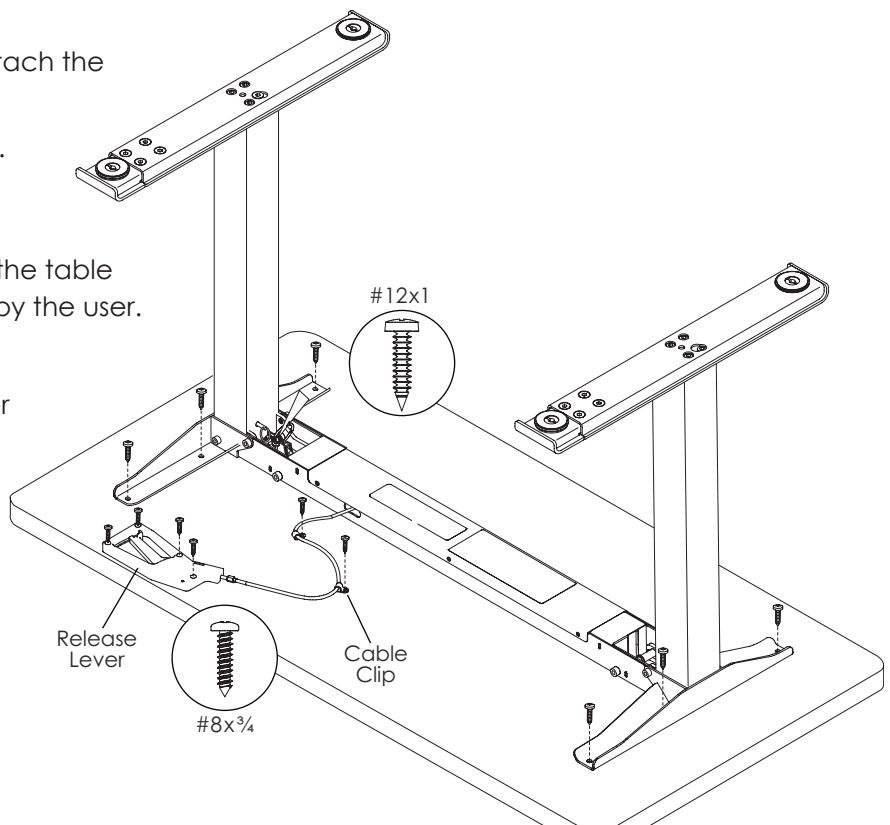
- Use six #12x1 screws (6 total required).

STEP 11

Attach the release lever at the front of the table on the left or right side for easy access by the user.

- Use four #8x³/₄ screws.
- Slide cable clips over the release lever cable. Position the clips to support the cable from sagging and attach the clips with #8x³/₄ screws.

IMPORTANT: When securing the cable, the cable should be gently curved to ensure smooth operation. Do not kink the cable or form corners with it.



STEP 12

With the assistance of a helper, turn the table upright and place it in its final position.

IMPORTANT: There must be 1" (25mm) of clearance on all sides of the work surface (and other moving parts) to ensure free, unobstructed movement.

- Adjust the leveling glides on the feet to level the work surface, if necessary.

STEP 13

Test operation.

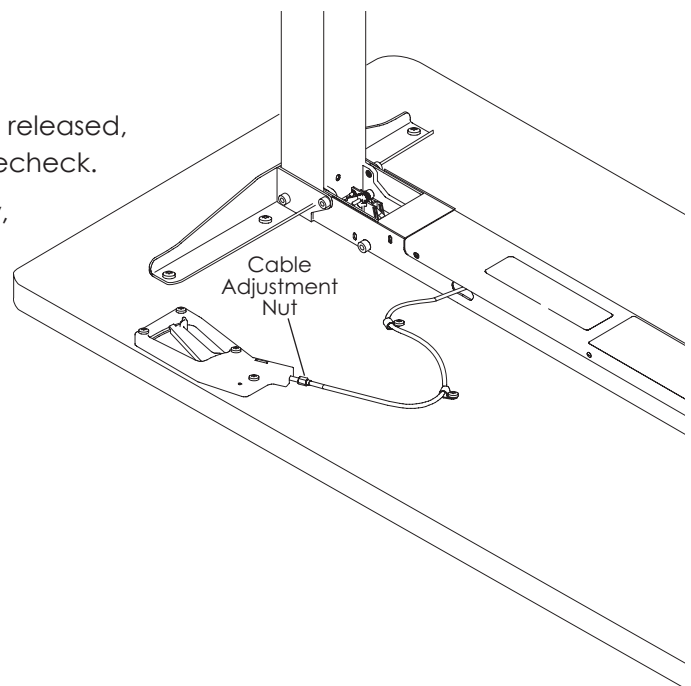
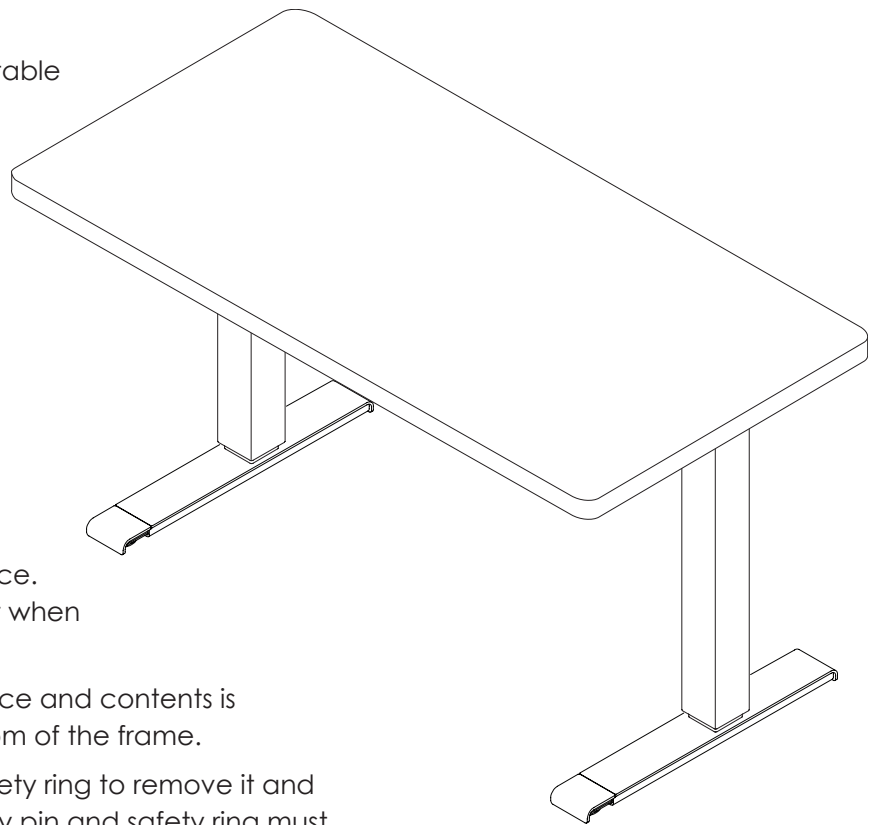
- Place the contents on the table that have been specified for the work surface. The weight of the contents is important when testing operation.
- Verify that the weight of the work surface and contents is within the lift rating shown on the bottom of the frame.
- Remove the safety pin. Unsnap the safety ring to remove it and the warning tag. **IMPORTANT:** The safety pin and safety ring must be removed or else the table will not operate.
- Check operation by pulling the release lever toward you with one hand and using the other hand to raise or lower the table.

WARNING: The table may suddenly raise upward or fall downward when the release lever is pulled. The table is designed to be balanced when the weight of the work surface and its contents is at the midpoint of the load rating.

STEP 14

Adjust cable tension, if necessary.

- If the table does not lock into place when the lever is released, tighten the cable adjustment nut one-half turn and recheck.
- If the table stays locked in one place or moves slowly, loosen the cable adjustment nut one-half turn and recheck.
- Call ESI Customer Service if you have questions about operation or adjustment.

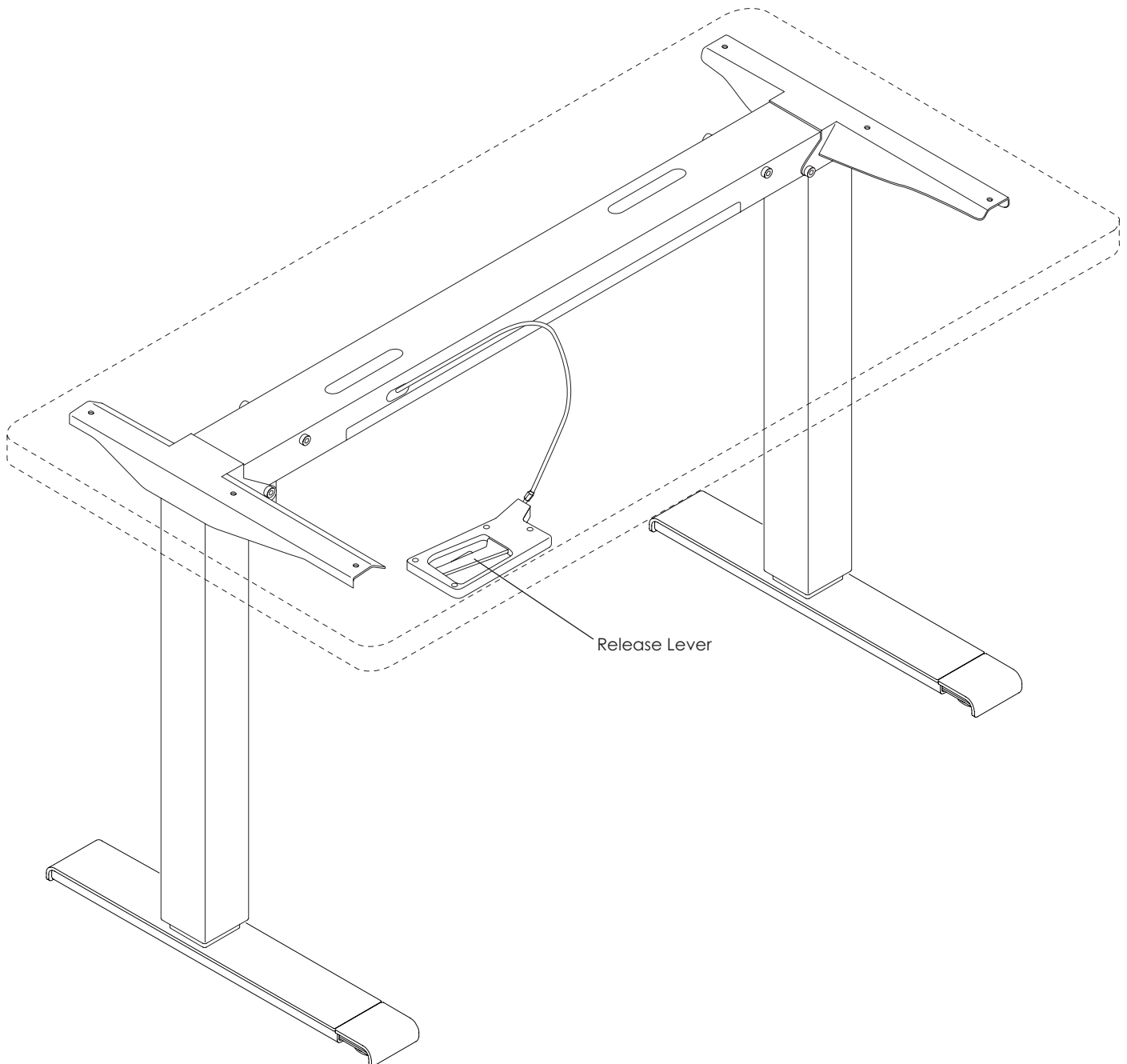


OPERATION

IMPORTANT: When adjusting the table, always make sure area is cleared of any obstructions or pinch points.

- Pull the release lever toward you with one hand and using the opposite hand to raise or lower the table.

WARNING: The table may suddenly raise upward or fall downward when the release lever is pulled. The table is designed to be balanced when the weight of the work surface and its contents is at the midpoint of the load rating.





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