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# HOVER

## INSTALLATION INSTRUCTIONS

VERSION 8-2-17



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# INSTALLATION INSTRUCTIONS

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# HOVER

## INSTALLATION INSTRUCTIONS



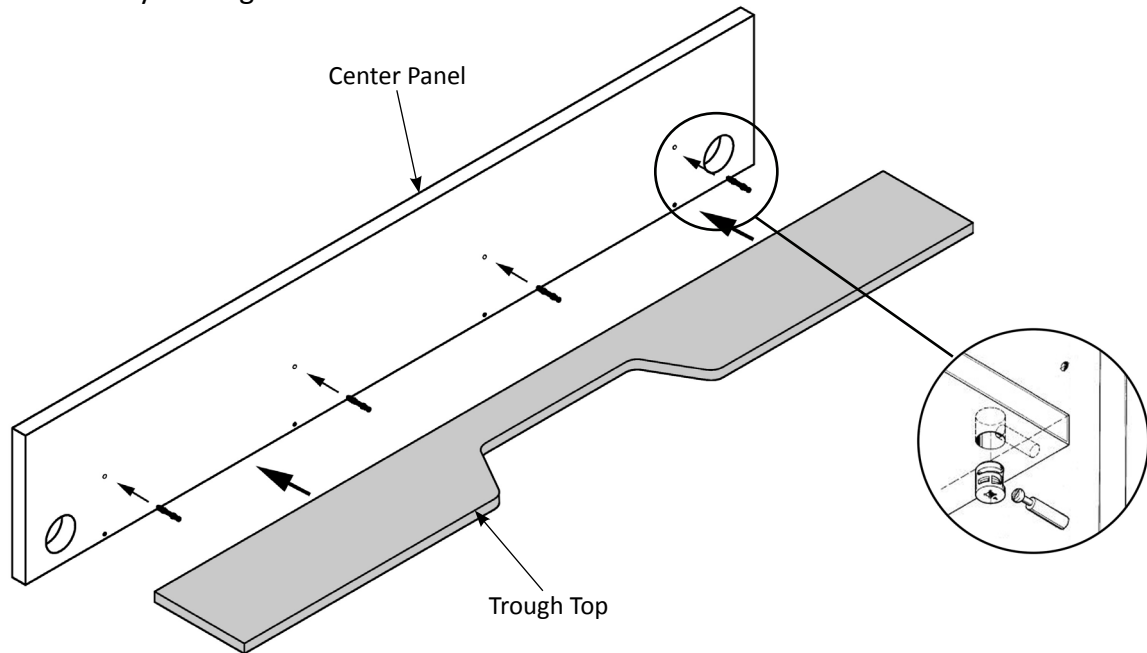
## RAISED PANEL TROUGH

# INSTALLATION INSTRUCTIONS

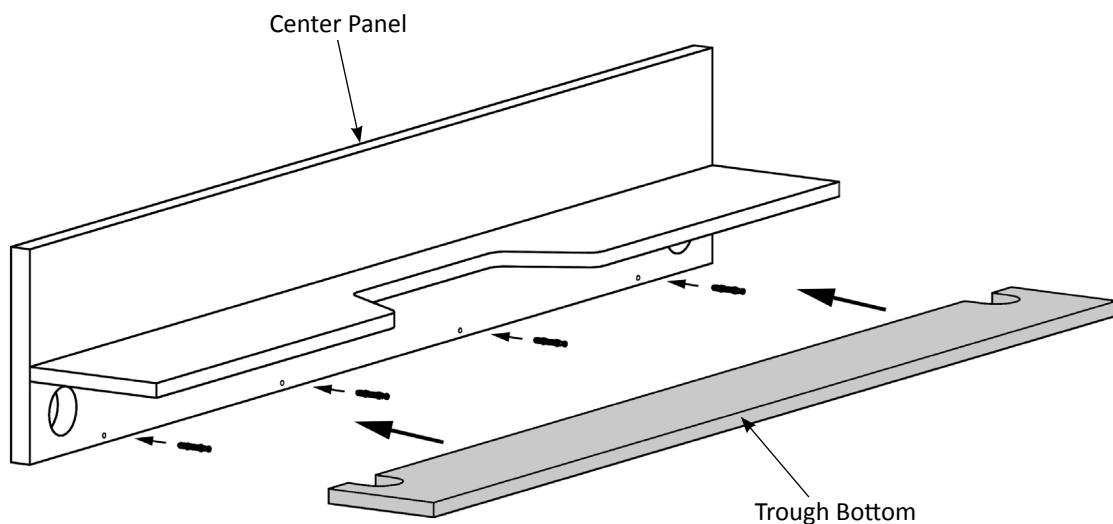
## HOVER

### RAISED PANEL TROUGH ASSEMBLY

1. Assemble the Raised Panel Troughs by securing the trough top to the 11" high center panel with cam-lock fasteners. Screw bolt into top row of predrilled holes. Align the bolts with the cams, cams should be facing down. Secure the cam-lock fasteners by turning the cams clock-wise one half turn.



2. Secure the trough bottom to the 11" high center panel with cam-lock fasteners. Screw bolt into bottom row of predrilled holes. Align the bolts with the cams, cams should be facing down. Secure the cam-lock fasteners by turning the cams clock-wise one half turn.

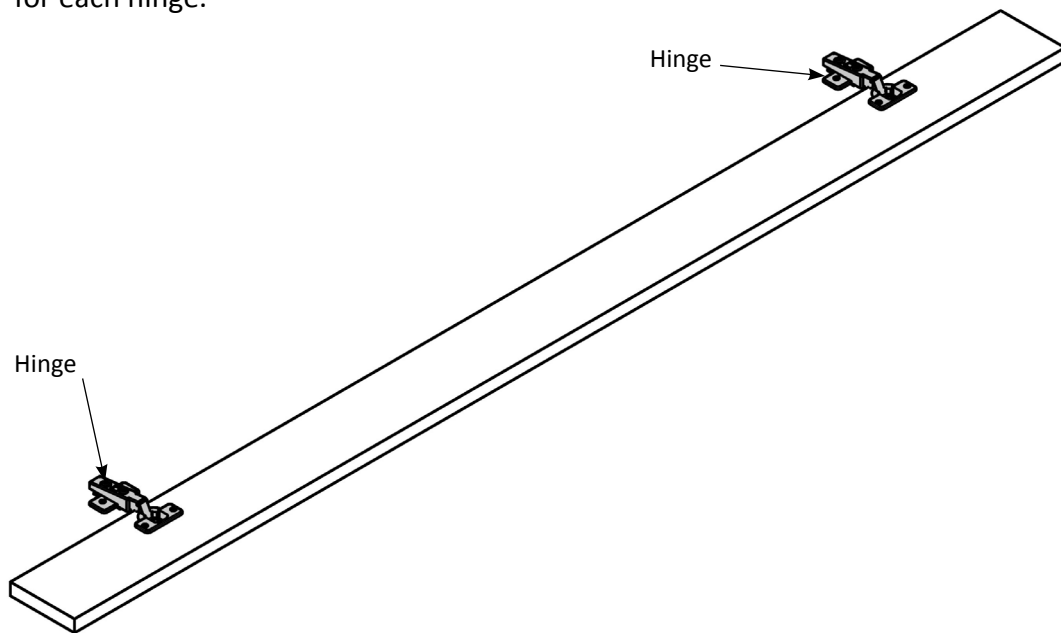


# INSTALLATION INSTRUCTIONS

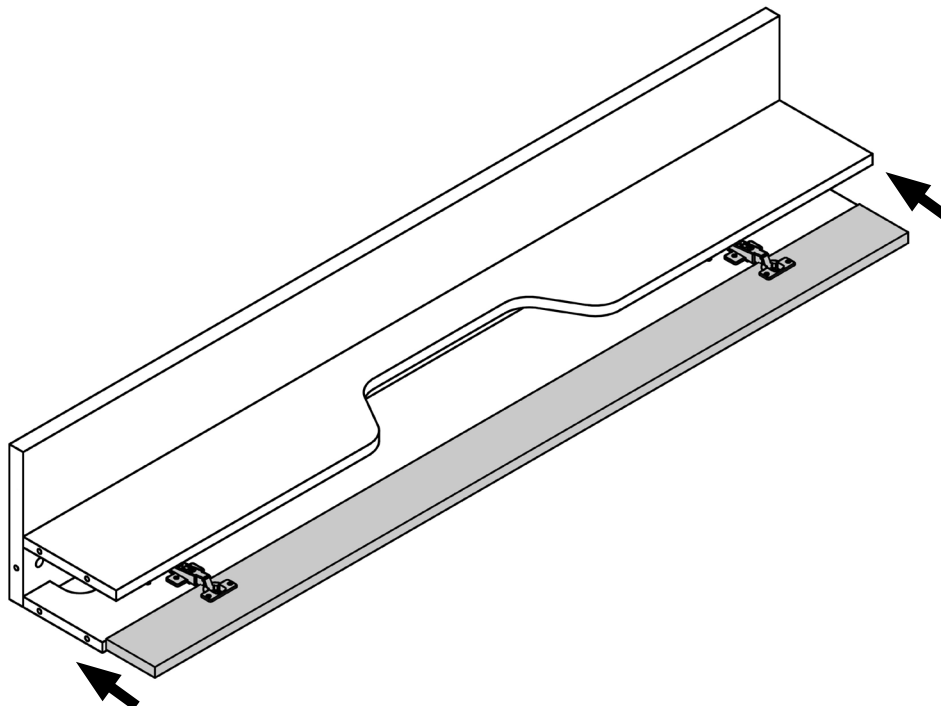
## HOVER

### RAISED PANEL TROUGH ASSEMBLY CONTINUED

3. Install the concealed hinges by pressing the cup portion of the hinge into the predrill holes in the door and align the hinge to ensure it is at a 90 degree angle to the edge of the door. Secure the hinge to the door using provided screws, (2) screws for each hinge.



4. Attach the door to the trough bottom by securing the hinge mounting plate to the trough bottom using provided screws, (2) screws for each hinge.



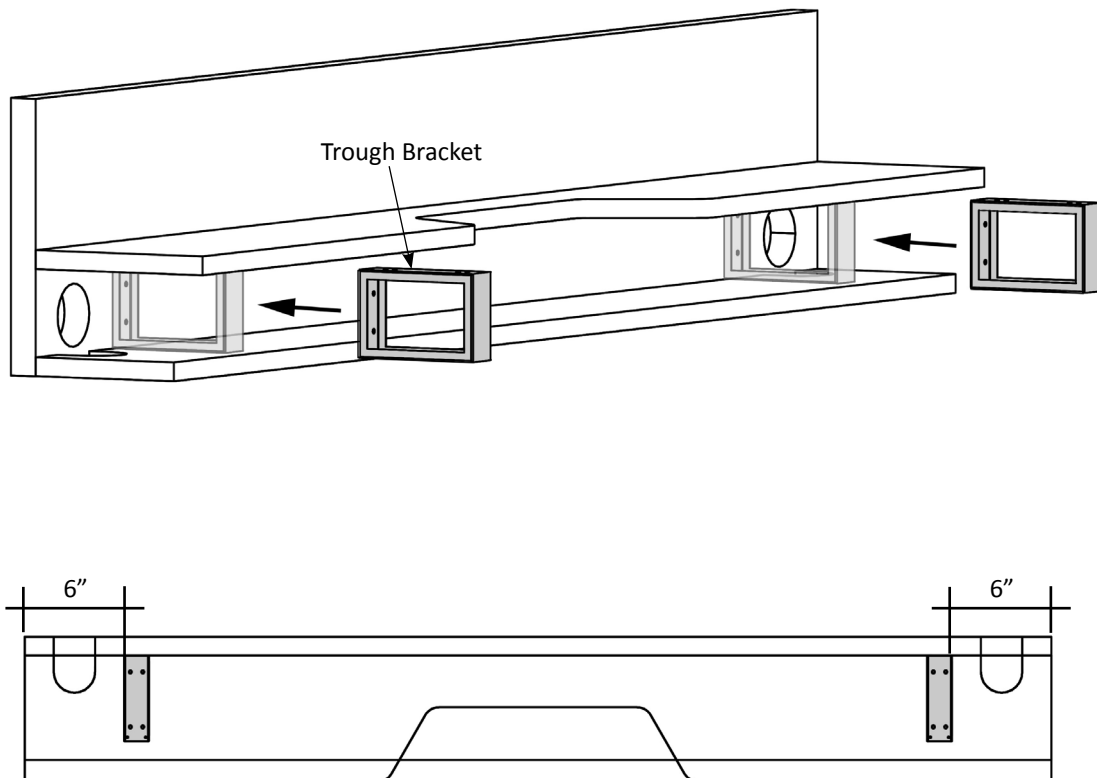
# INSTALLATION INSTRUCTIONS

## HOVER

### RAISED PANEL TROUGH ASSEMBLY CONTINUED

5. For troughs 62" and longer, insert trough support brackets into each side of the trough, 6" from the outside edge of the trough. Secure into place by attaching it to the trough top, trough bottom and center panel with the (12) #8 x 5/8 pan head screws provided for each bracket.

NOTE: For troughs less than 62" in length, trough brackets are not required.

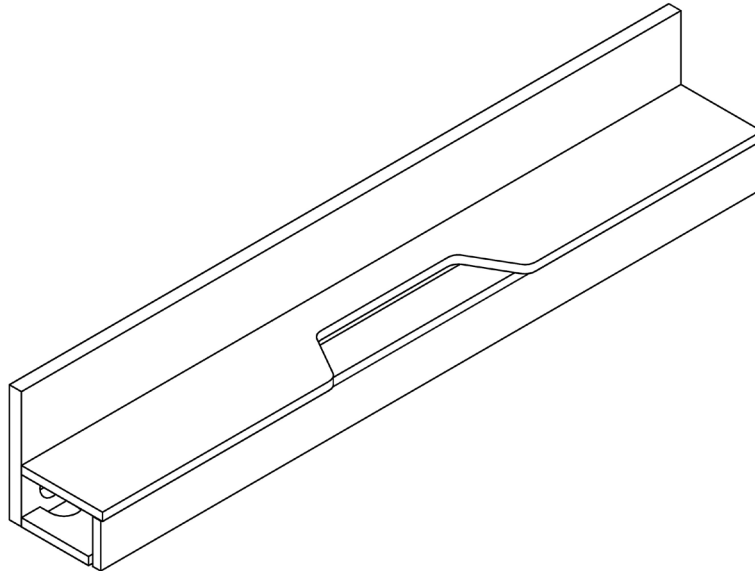


# INSTALLATION INSTRUCTIONS

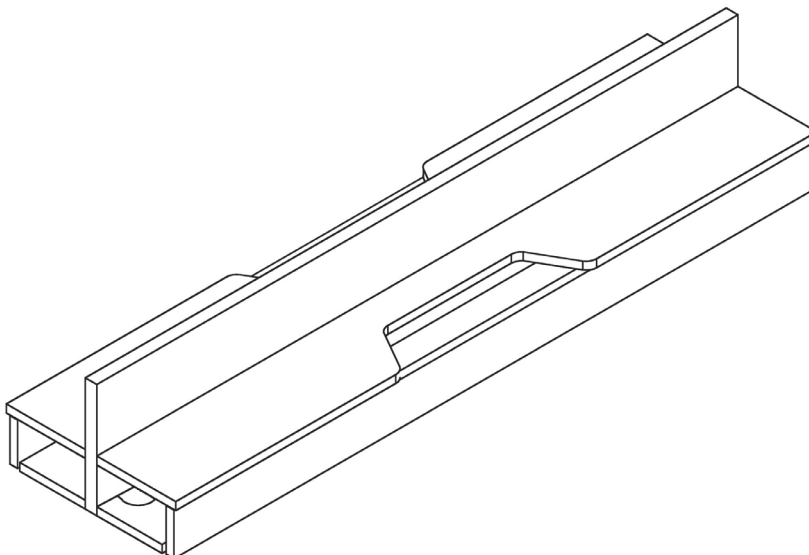
## HOVER

### RAISED PANEL TROUGH ASSEMBLY

6. One side of the trough is complete. Repeat steps 1-7 to assemble the other side of the trough.



7. Raised Panel trough is complete. Repeat steps 1-8 to assemble all other trough units.



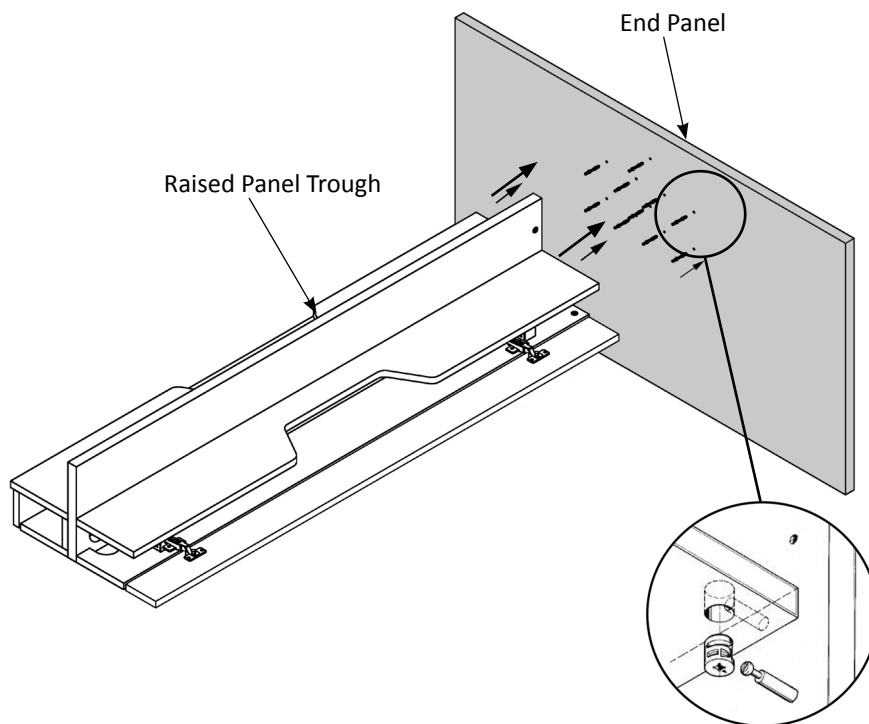
# INSTALLATION INSTRUCTIONS

HOVER

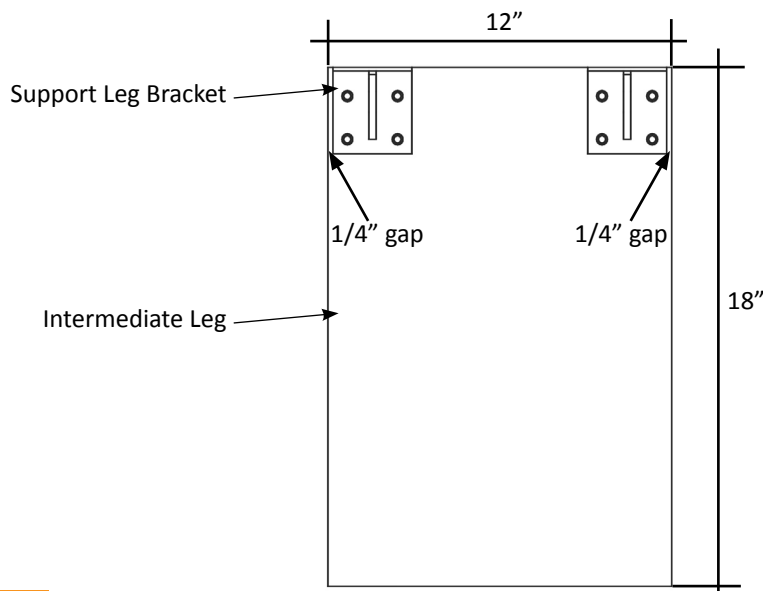
## RAISED PANEL TROUGH ASSEMBLY CONTINUED

NOTE: Begin to assemble the trough in its permanent location. Once the trough unit is fully assembled, it will be difficult to move.

8. Start with one Raised Panel Trough end section. Secure end panel to trough with cam-lock fasteners. Screw bolt into bottom row of predrilled holes. Align the bolts with the cams. Secure the cam-lock fasteners by turning the cams clock-wise one half turn.



9. Attach support leg brackets to intermediate leg, 2 brackets per leg. Brackets should be flush to the top edge, opposite edge with levelers. Secure brackets in place with (4) #8 x 3/4 pan head screws provided for each bracket.



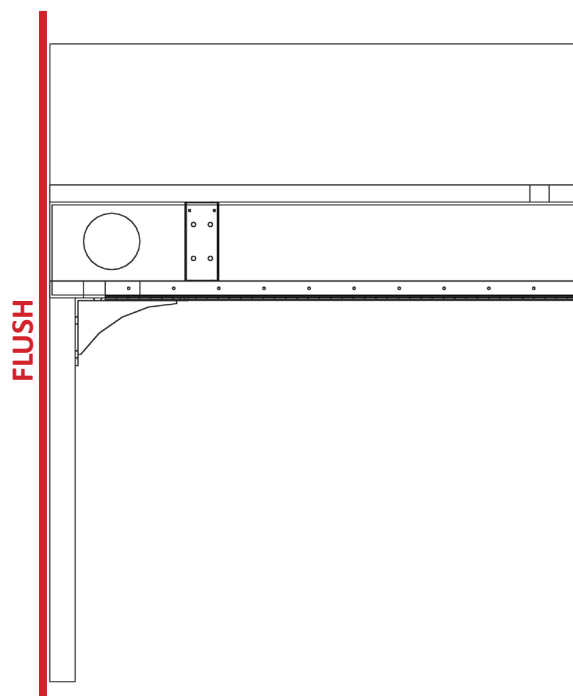
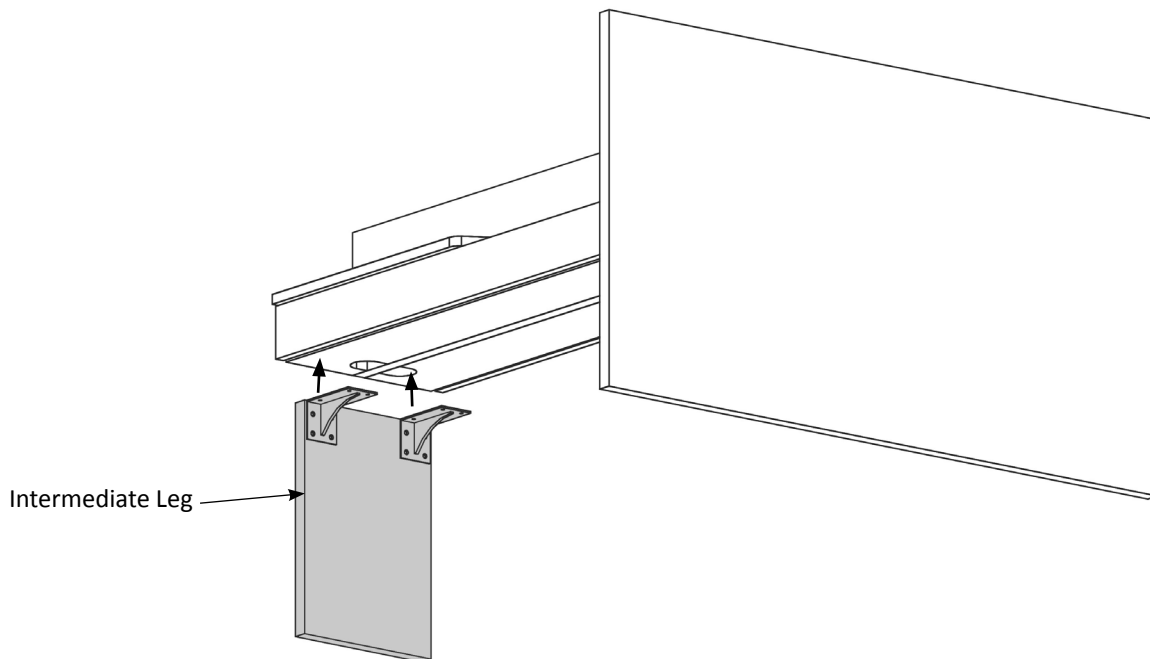


# INSTALLATION INSTRUCTIONS

## HOVER

### RAISED PANEL TROUGH ASSEMBLY CONTINUED

10. Secure intermediate support leg to the Raised Panel trough. Intermediate leg should be flush with the edges of the trough. Secure brackets in place with (4) #8 x 3/4 pan head screws provided for each bracket.

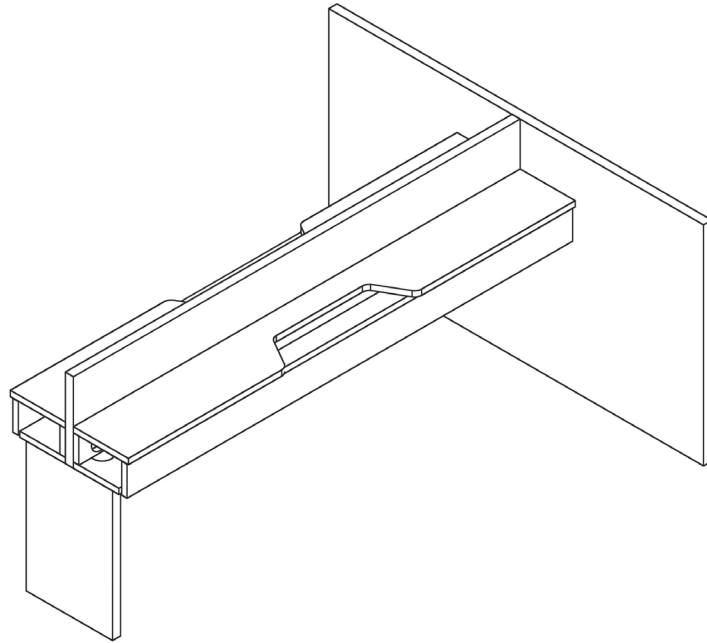


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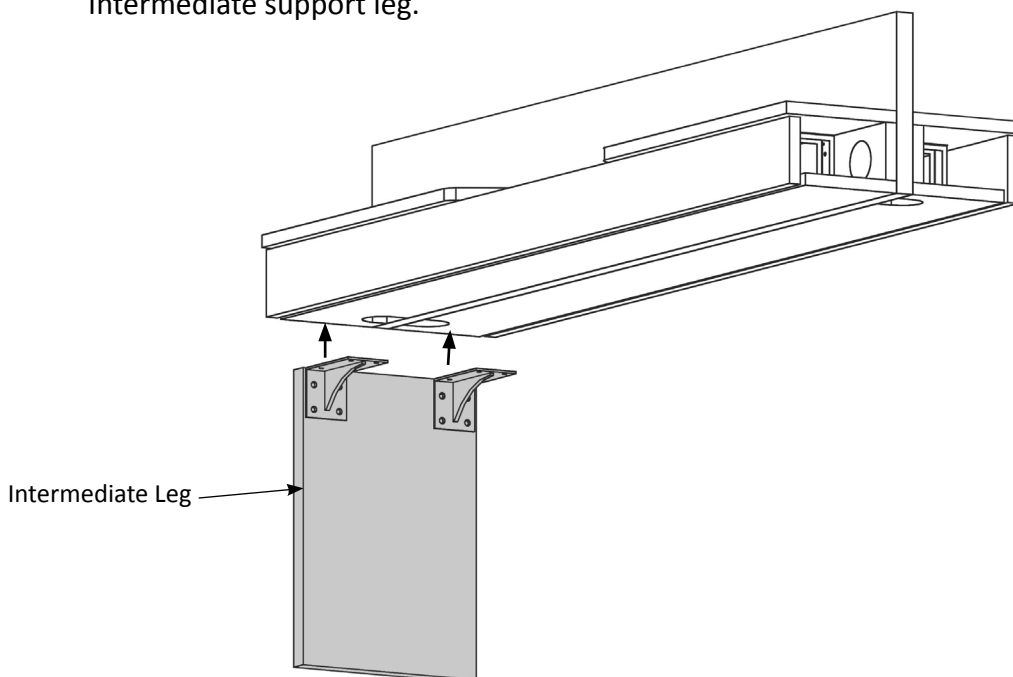
## HOVER

### RAISED PANEL TROUGH ASSEMBLY CONTINUED

11. Raised Panel trough end section is complete. Continue to assemble the second Raised Panel Trough end section.



12. Start with one Raised Panel Trough middle section. Secure intermediate support leg to the Raised Panel trough with provided screws. Intermediate leg should be flush with the edges of the trough. Reference step 3 for bracket placement on the Intermediate support leg.

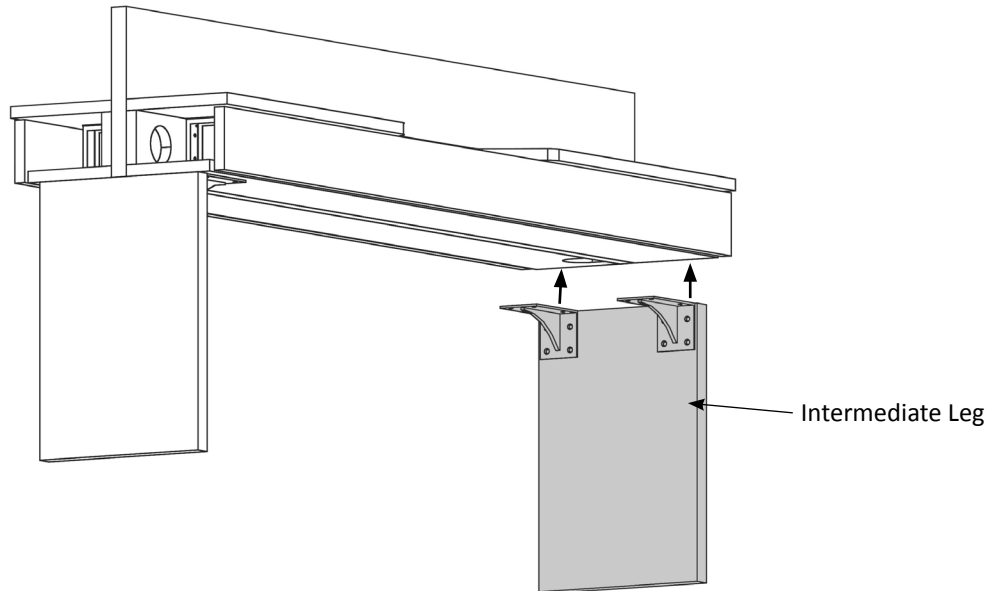


# INSTALLATION INSTRUCTIONS

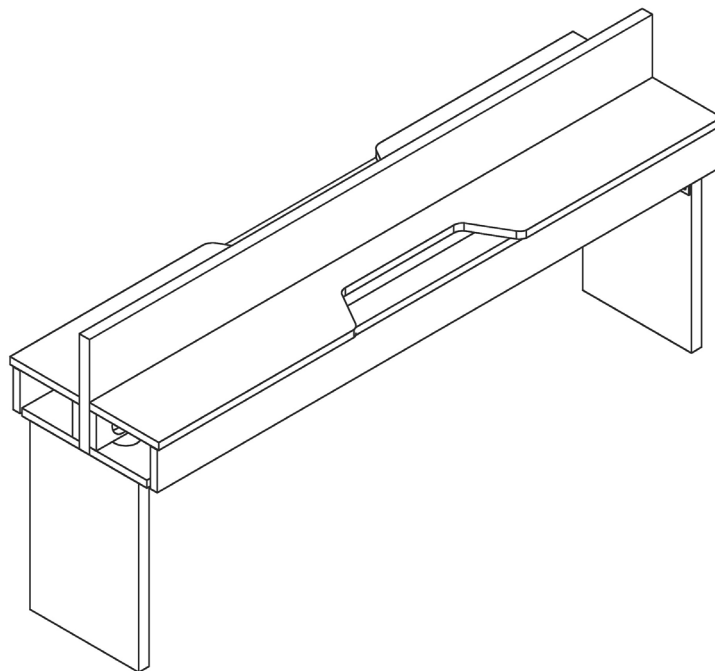
## HOVER

### RAISED PANEL TROUGH ASSEMBLY CONTINUED

13. Secure second intermediate support leg to the other side of the Raised Panel trough with provided screws. Intermediate leg should be flush with the edges of the trough. Reference step 3 for bracket placement on the Intermediate support leg.



14. Raised Panel trough middle section is complete. Continue to assemble any additional Raised Panel Trough middle sections.

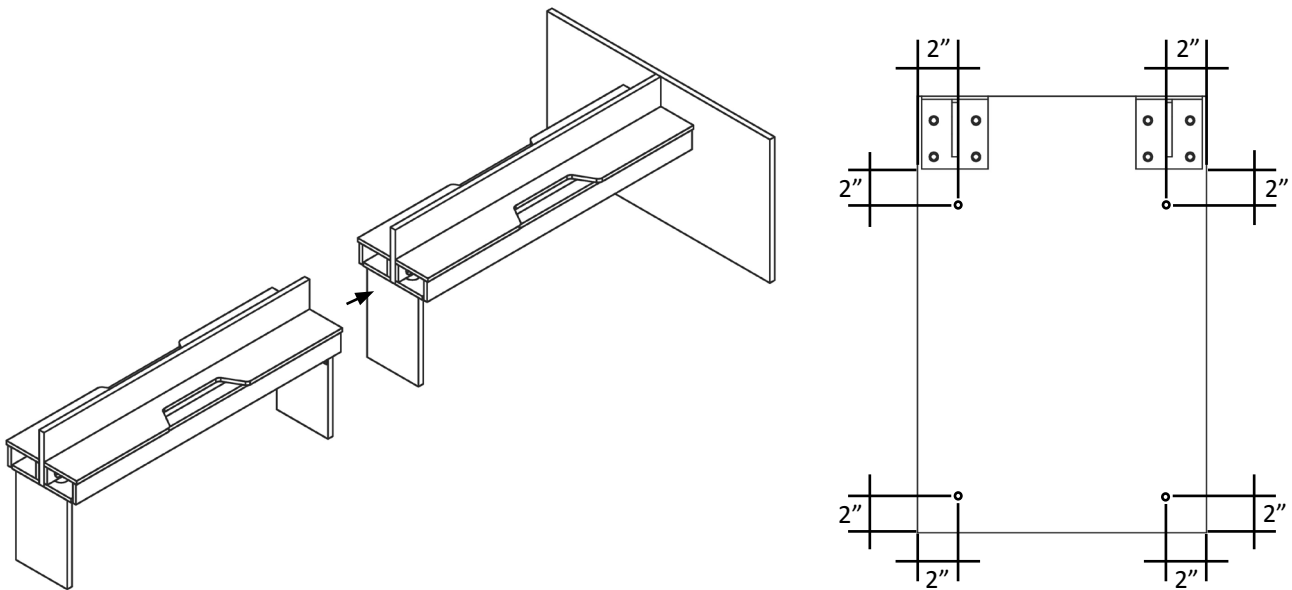


# INSTALLATION INSTRUCTIONS

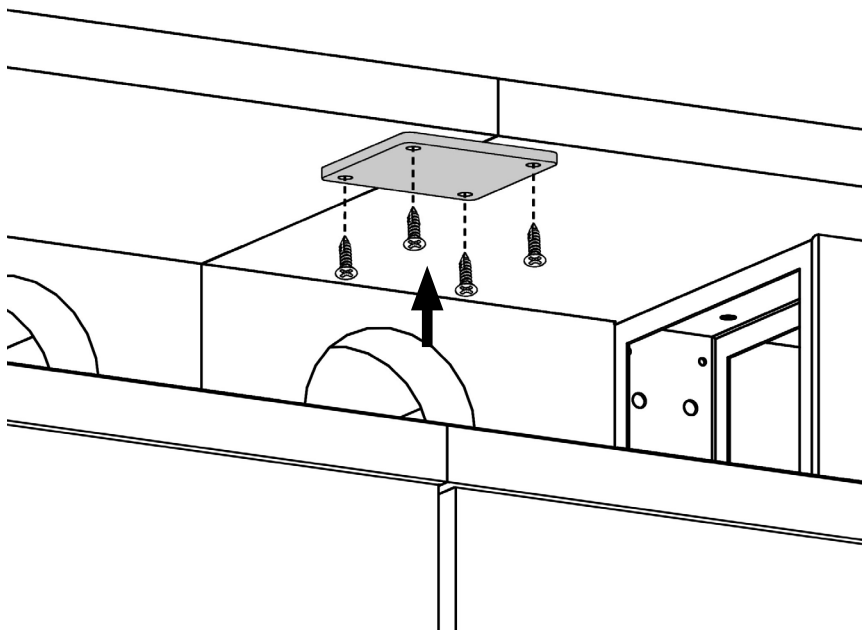
## HOVER

### RAISED PANEL TROUGH ASSEMBLY CONTINUED

15. Begin to assemble the trough in its permanent location. Start with one Raised Panel Trough end section. Secure end section to middle section by securing the intermediate support legs together using (4) #8 x 1-1/2 flat head screws provided. screws should be 2" from each corner. Make certain that trough sections are tightly abutting each other. Cover screw heads with provided caps.



16. Position the trough top connecting bracket 1/4" from the trough top edge and centered between two tops. Screw the bracket to the underside of one trough top, align the troughs and screw the bracket to the second top using the provided screws.

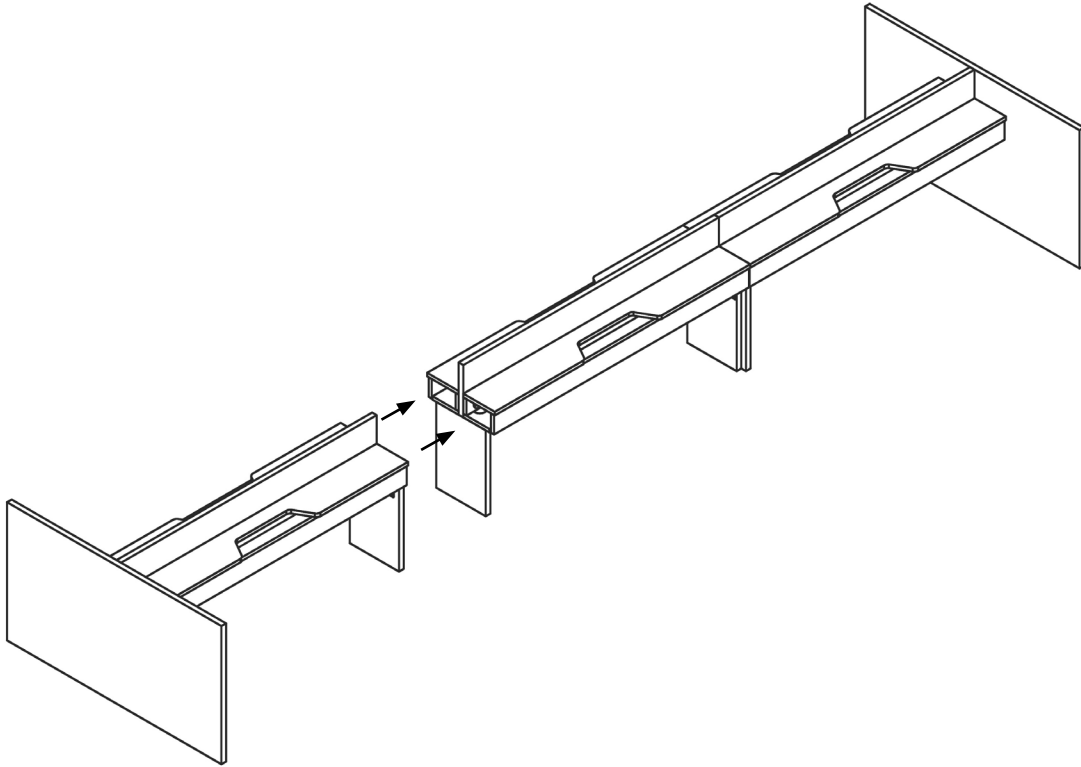


# INSTALLATION INSTRUCTIONS

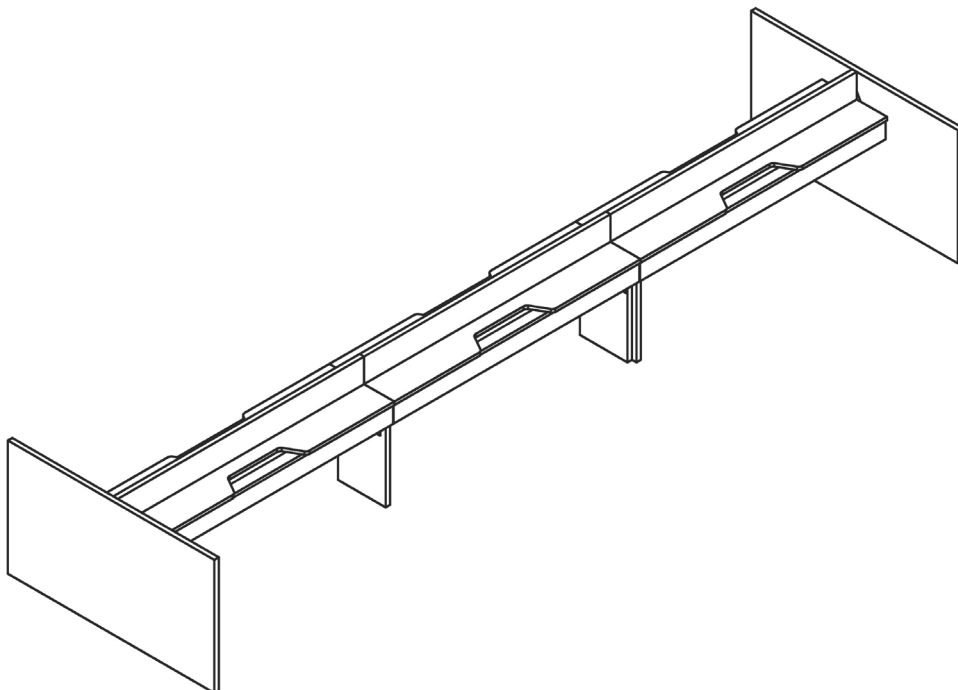
## HOVER

### RAISED PANEL TROUGH ASSEMBLY CONTINUED

17. Continue to assemble the trough sections until all sections are secured together.



18. Level the trough sections by adjusting the glides. Trough sections should be level and plumb.



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# HOVER

## INSTALLATION INSTRUCTIONS



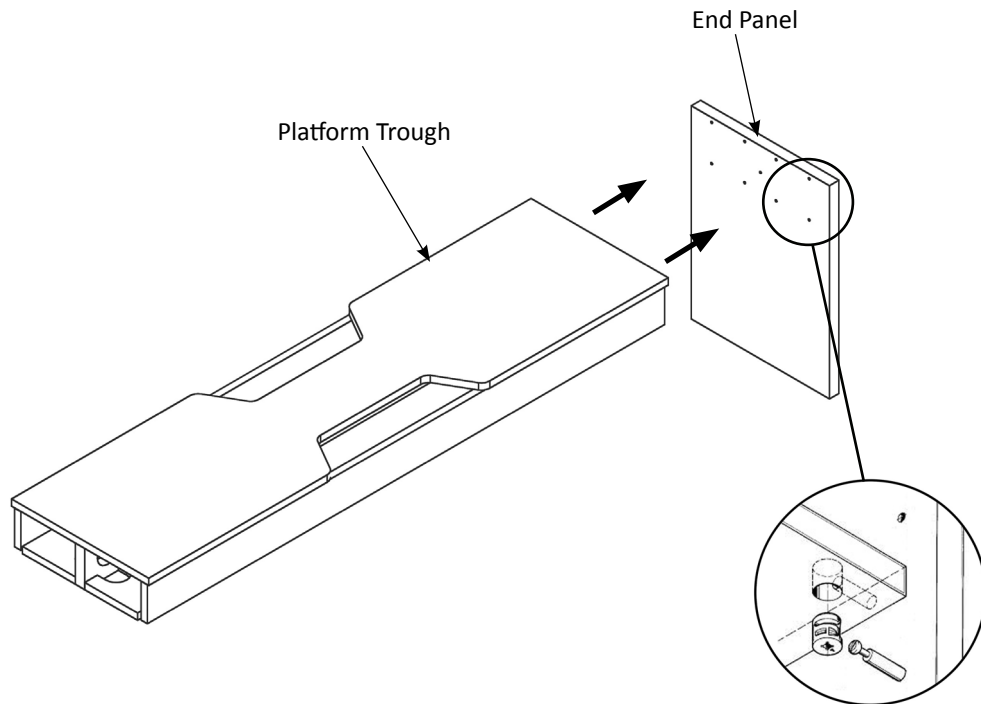
## PLATFORM TROUGH

# INSTALLATION INSTRUCTIONS

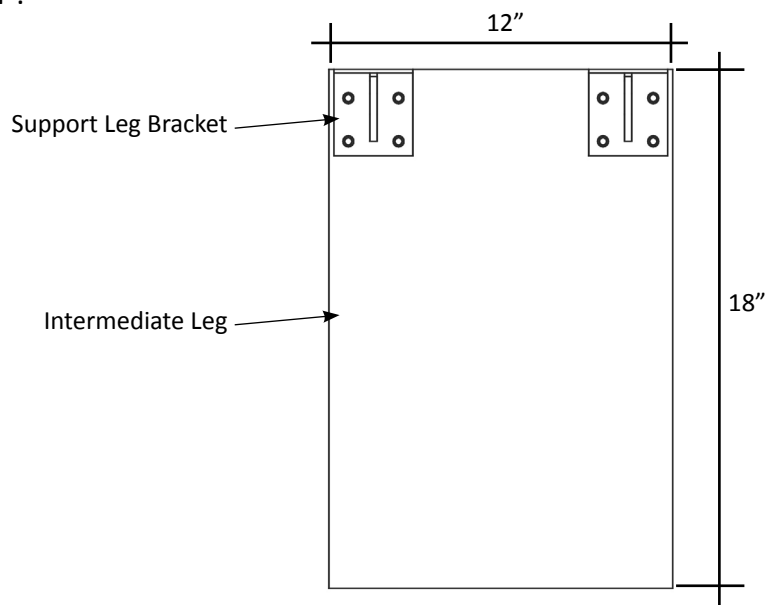
## HOVER

### PLATFORM TROUGH ASSEMBLY

1. Begin to assemble the trough in its permanent location. Once the trough unit is fully assembled, it will be difficult to move.
2. Start with one Platform Trough end section. Secure End panel to trough with cam bolts.



3. Attach support leg brackets to intermediate leg, 2 brackets per leg. Brackets should be flush to the top edge, opposite edge with levelers. Inset brackets from side edges  $\frac{1}{4}$ ".

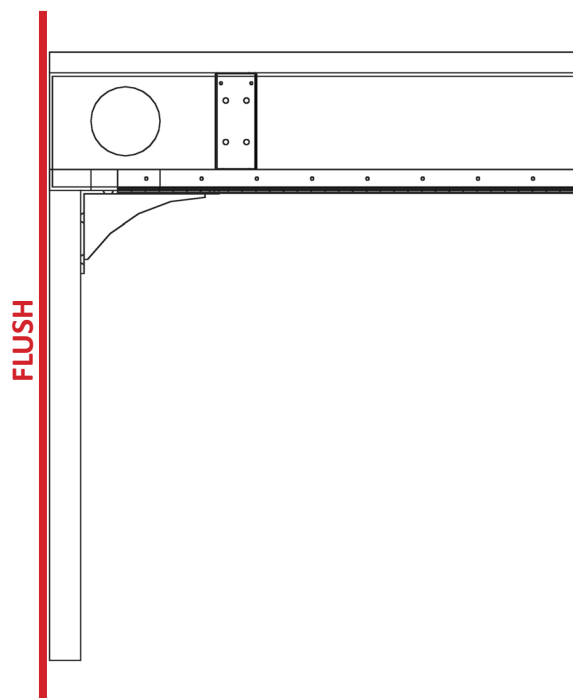
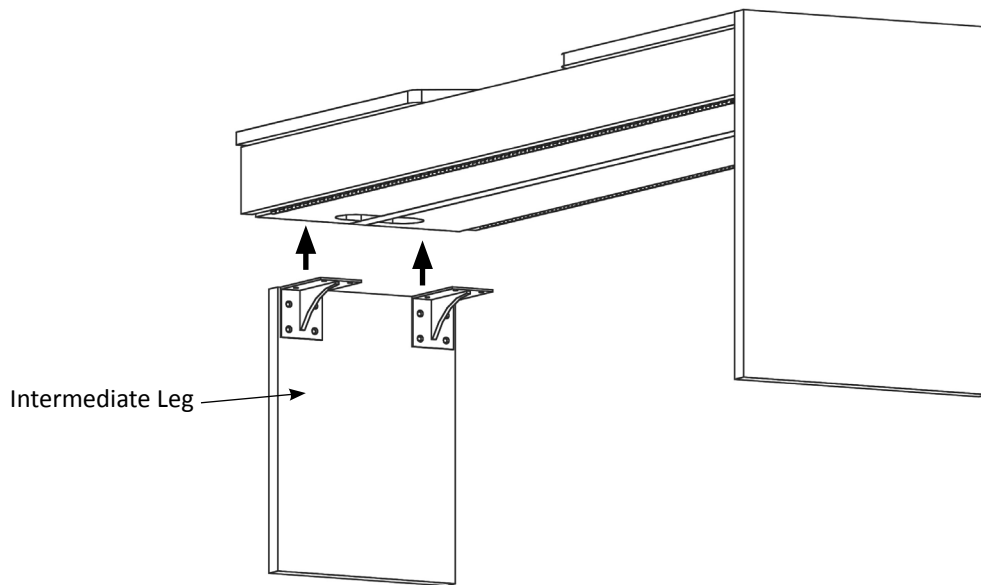


# INSTALLATION INSTRUCTIONS

HOVER

## PLATFORM TROUGH ASSEMBLY CONTINUED

4. Secure intermediate support leg to the Platform trough with provided screws. Intermediate leg should be flush with the edges of the trough.



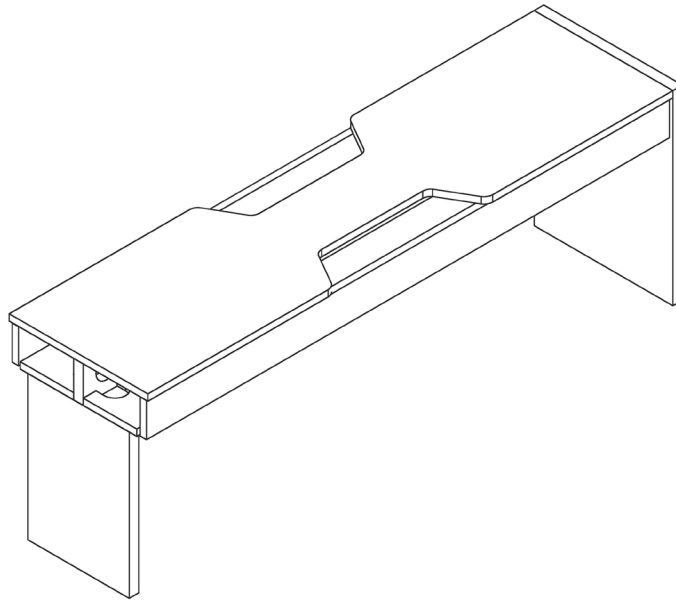


# INSTALLATION INSTRUCTIONS

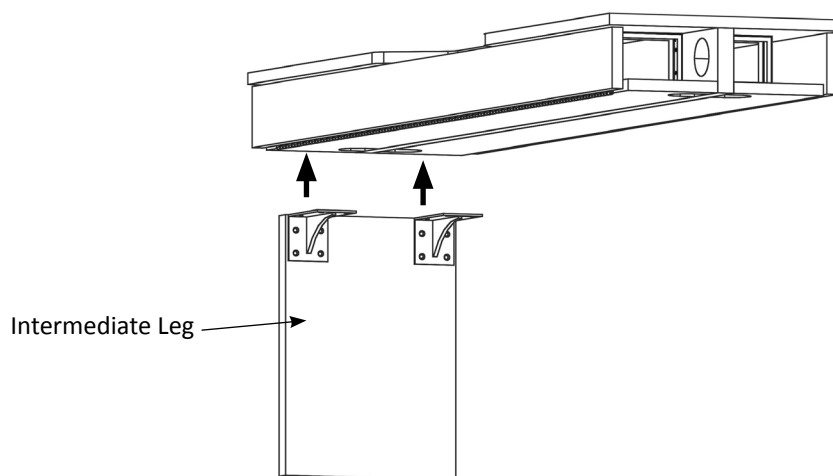
HOVER

## PLATFORM TROUGH ASSEMBLY CONTINUED

5. Platform trough end section is complete. Continue to assemble the second Platform Trough end section.



6. Start with one Platform Trough middle section. Secure intermediate support leg to the Platform trough with provided screws. Intermediate leg should be flush with the edges of the trough. Reference step 3 for bracket placement on the Intermediate support leg.

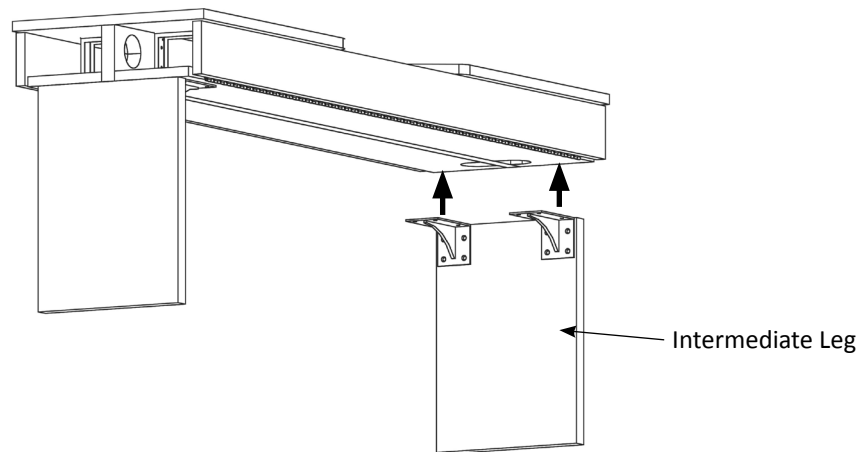


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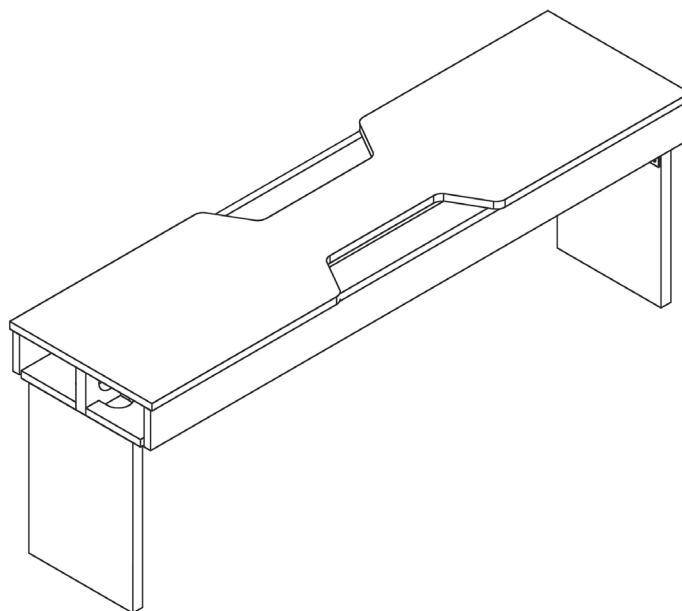
## HOVER

### PLATFORM TROUGH ASSEMBLY CONTINUED

7. Secure second intermediate support leg to the other side of the Platform trough with provided screws. Intermediate leg should be flush with the edges of the trough. Reference step 3 for bracket placement on the Intermediate support leg.



8. Platform trough middle section is complete. Continue to assemble any additional Platform Trough middle sections.

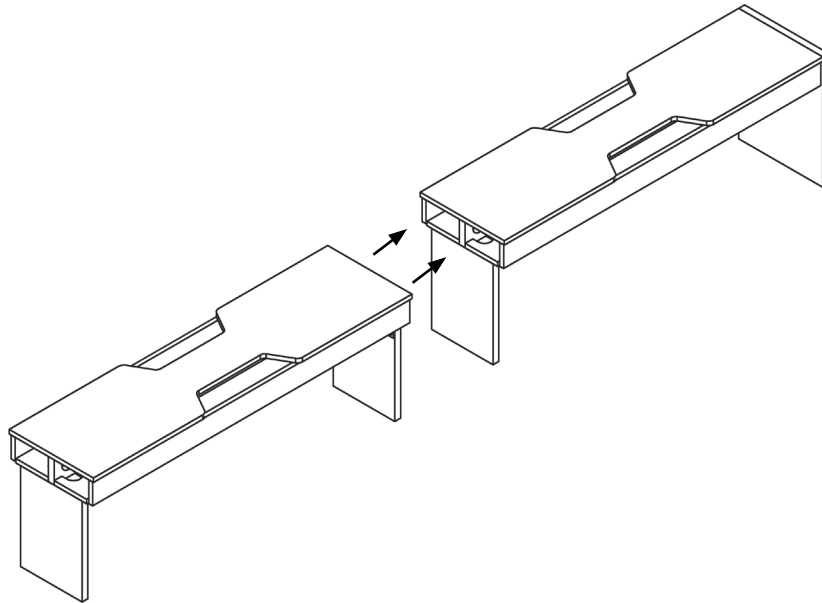


# INSTALLATION INSTRUCTIONS

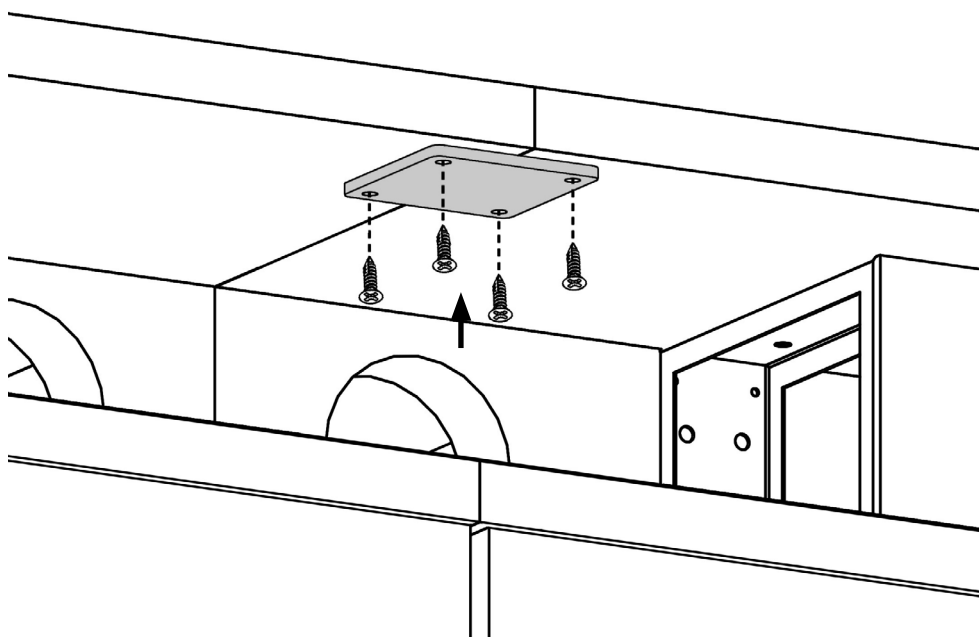
HOVER

## PLATFORM TROUGH ASSEMBLY CONTINUED

9. Begin to assemble the trough in its permanent location. Start with one Platform Trough end section. Secure end section to middle section by securing the intermediate support legs together using the provided screws. Make certain that trough sections are tightly abutting each other. Cover screw heads with provided caps.



10. Position the trough top connecting bracket 3" from the trough top edge and centered between two tops. Screw the bracket to the underside of one trough top, align the troughs and screw the bracket to the second top using the provided screws.

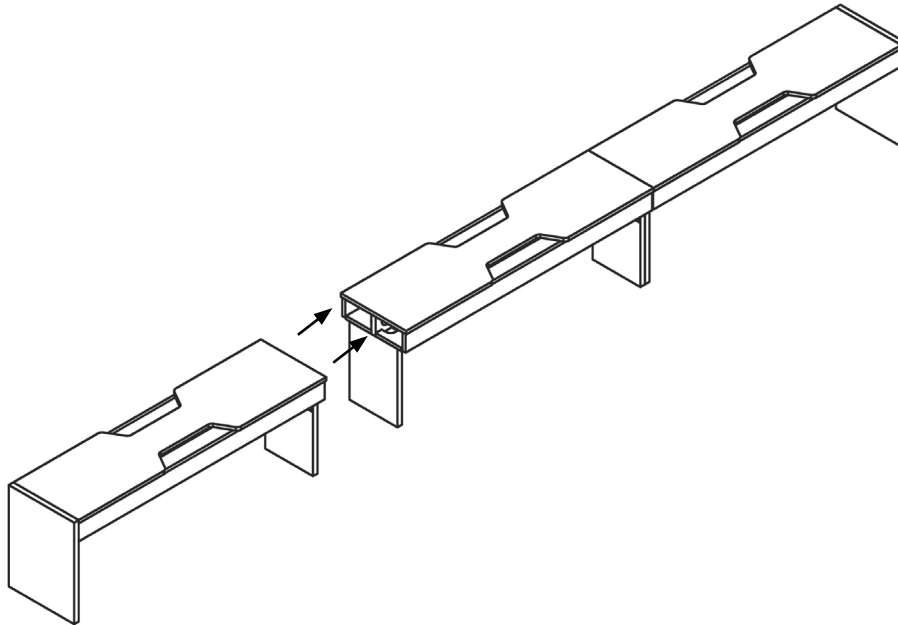


# INSTALLATION INSTRUCTIONS

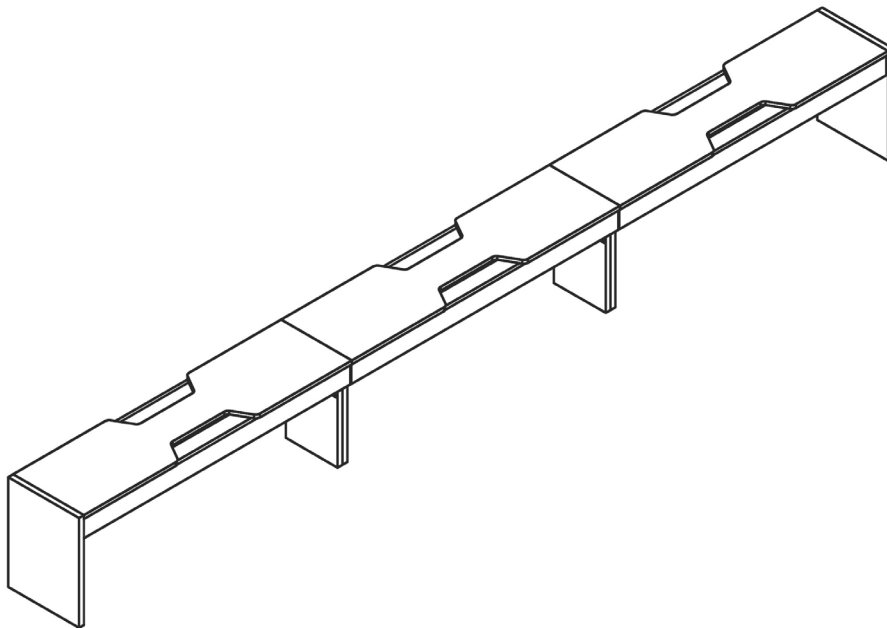
## HOVER

### PLATFORM TROUGH ASSEMBLY CONTINUED

11. Continue to assemble the trough sections until all sections are secured together.



12. Level the trough sections by adjusting the glides. Trough sections should be level and plumb.



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# HOVER

## INSTALLATION INSTRUCTIONS



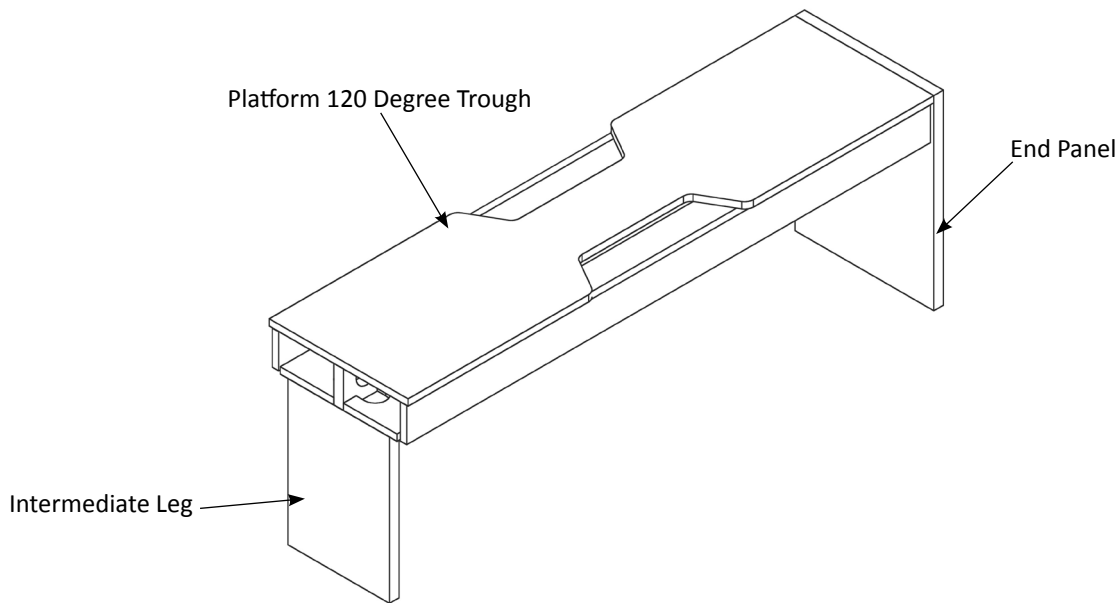
## PLATFORM 120 DEGREE TROUGHS WITH TRIANGLE CONNECTOR

# INSTALLATION INSTRUCTIONS

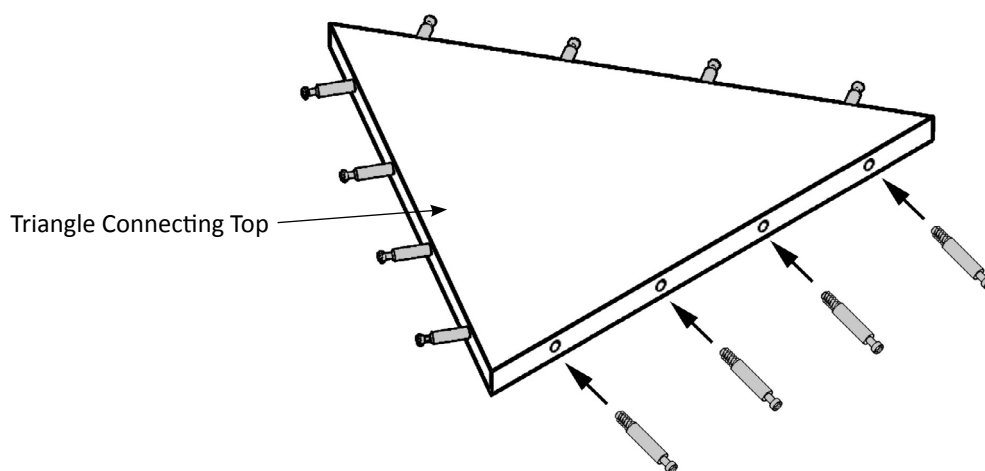
HOVER

## PLATFORM 120 DEGREE TROUGH ASSEMBLY

1. Follow steps 1-5 of the Platform trough end section assembly to secure end panels and intermediate panels to Platform 120 Degree End Section troughs.



2. Install cam-lock fasteners onto Platform 120 degree triangle connecting top by screwing cam-bolts into predrilled holes.



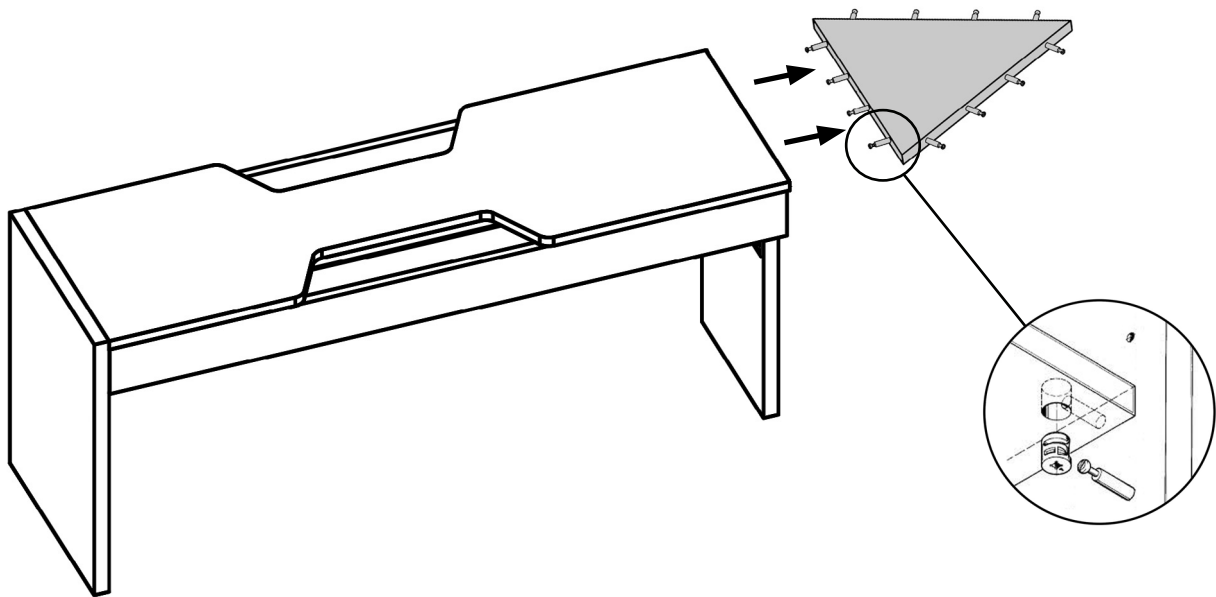
# INSTALLATION INSTRUCTIONS

HOVER

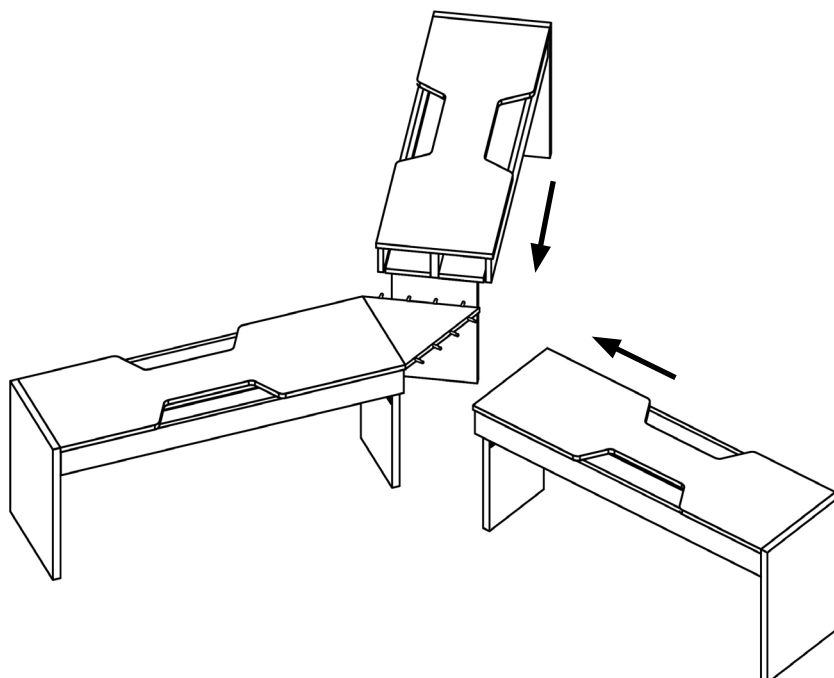
## PLATFORM 120 DEGREE TROUGH ASSEMBLY CONTINUED

NOTE: Begin to assemble the trough in its permanent location. Once the trough unit is fully assembled, it will be difficult to move.

3. Start with one Partition 120 Degree Trough end section. Secure triangle connecting top to trough with cam-lock fasteners. Align the bolts with the cams. Secure the cam-lock fasteners by turning the cams clock-wise one half turn.



4. Continue to assemble the trough sections until all sections are secured together.

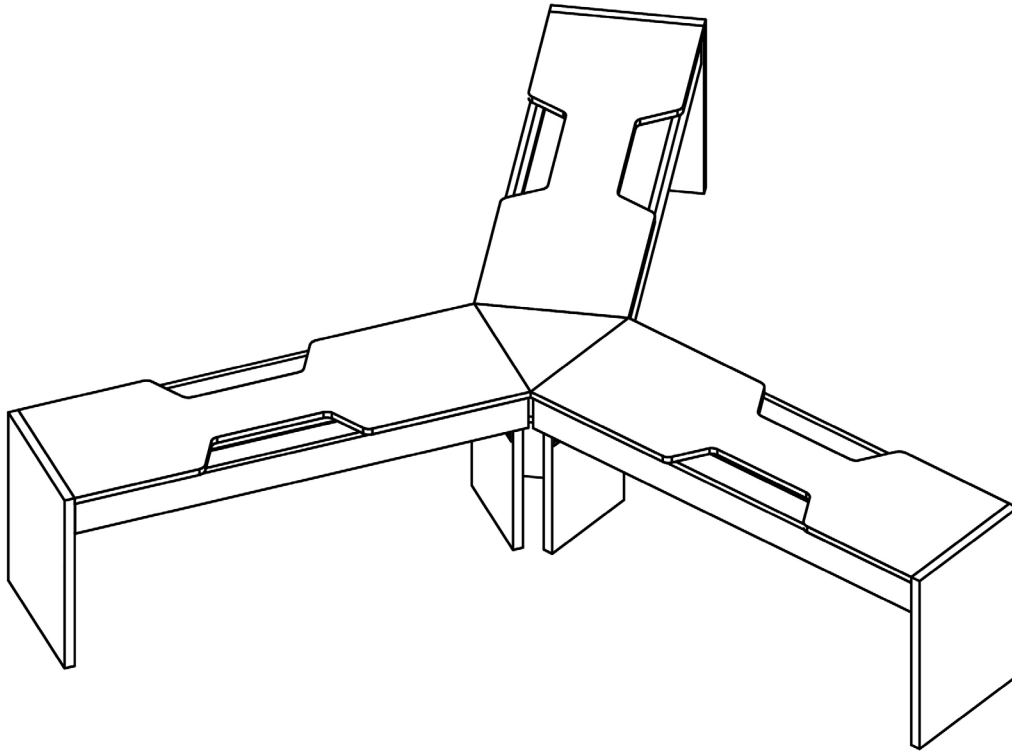


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## INSTALLATION INSTRUCTIONS

### HOVER

5. Level the trough sections by adjusting the glides. Trough sections should be level and plumb.





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# HOVER

## INSTALLATION INSTRUCTIONS



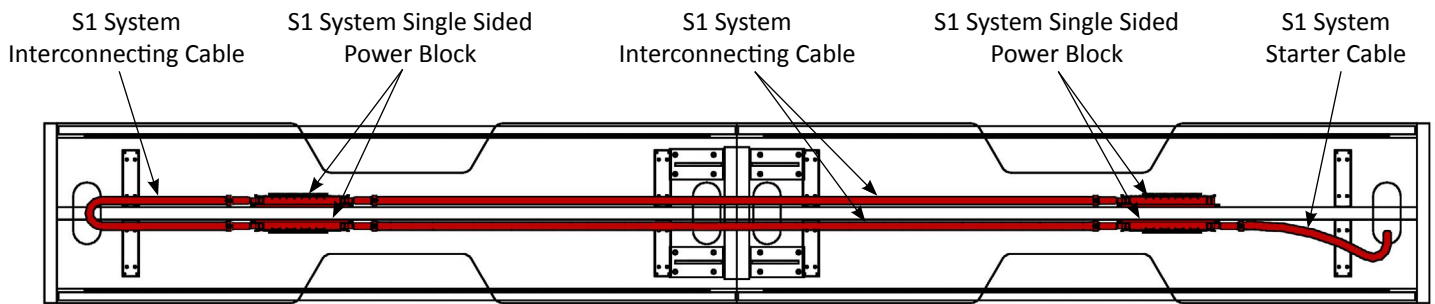
## ELECTRICAL

# INSTALLATION INSTRUCTIONS

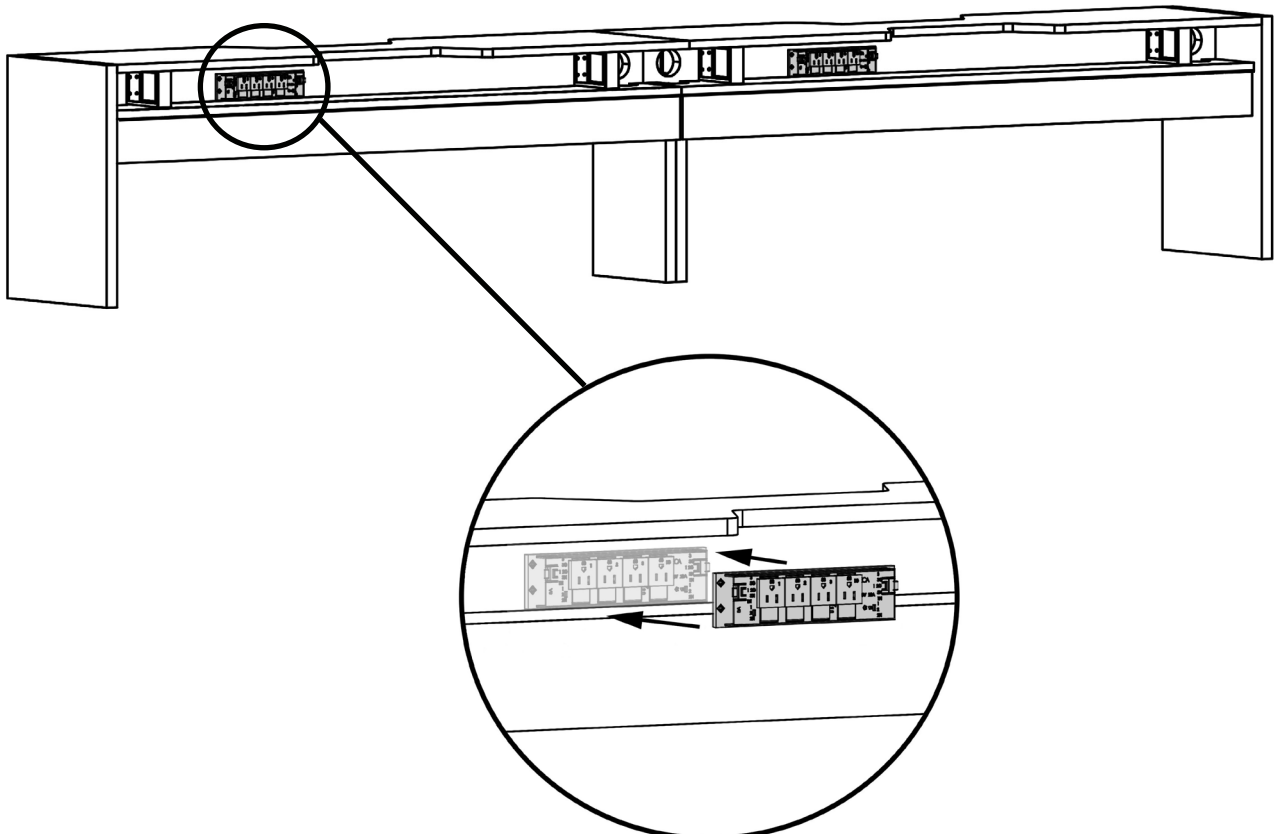
## HOVER

### HOVER ELECTRICAL ASSEMBLY

1. Position the S1 system single sided power block inside of trough unit. Refer to plan drawing to determine components needed and locations for components.



2. Screw the power block bracket into place using the (4) provided screws for each power block.

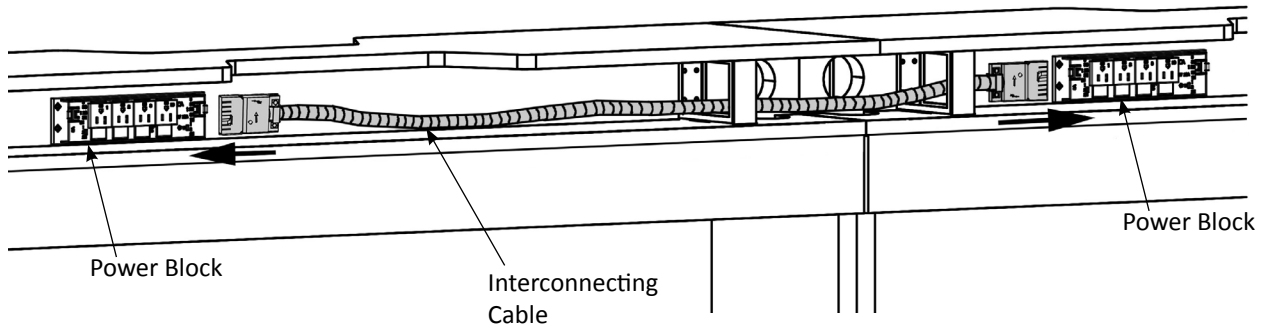


# INSTALLATION INSTRUCTIONS

## HOVER

### S1 SYSTEM ELECTRICAL ASSEMBLY CONTINUED

3. Plug in interconnecting cables between power blocks.
4. Interconnecting cable end must be pushed in until it snaps into place.

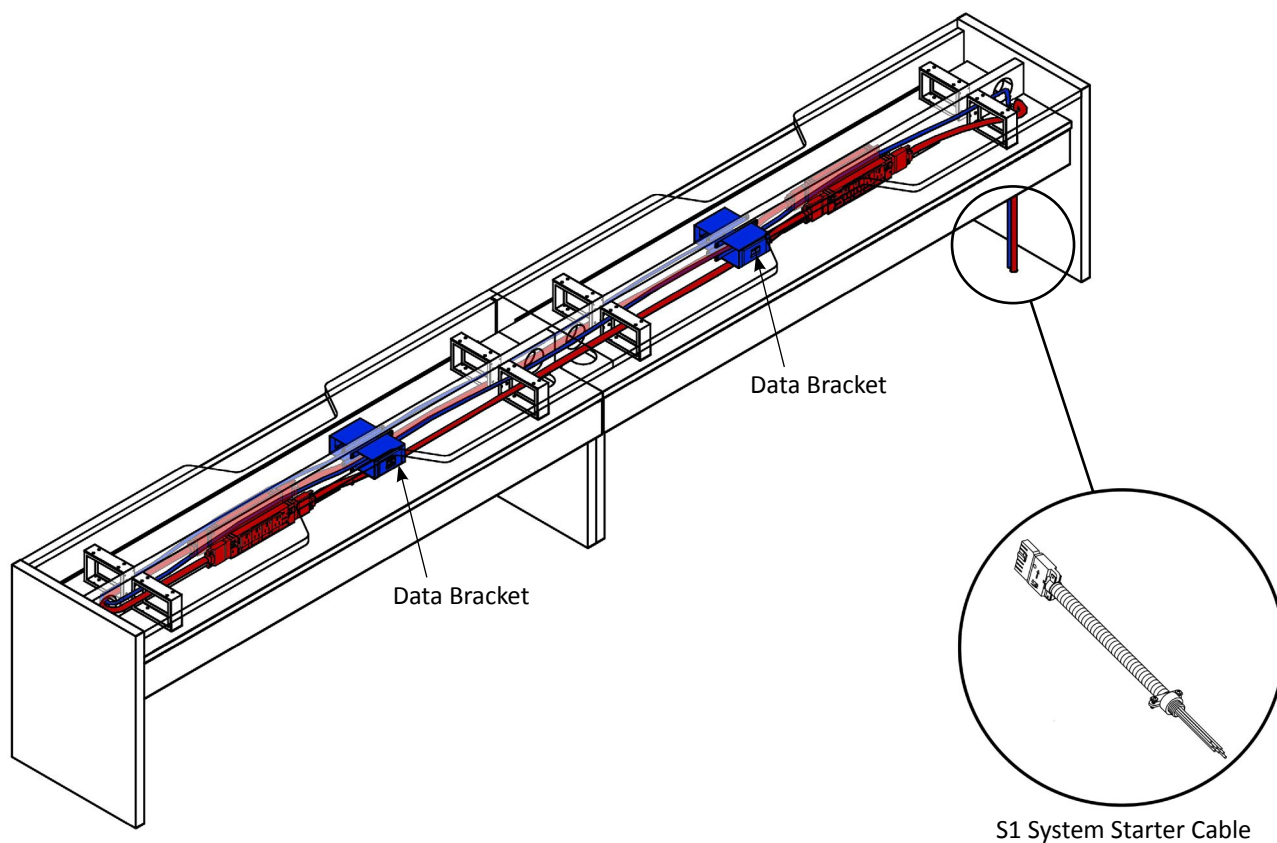


# INSTALLATION INSTRUCTIONS

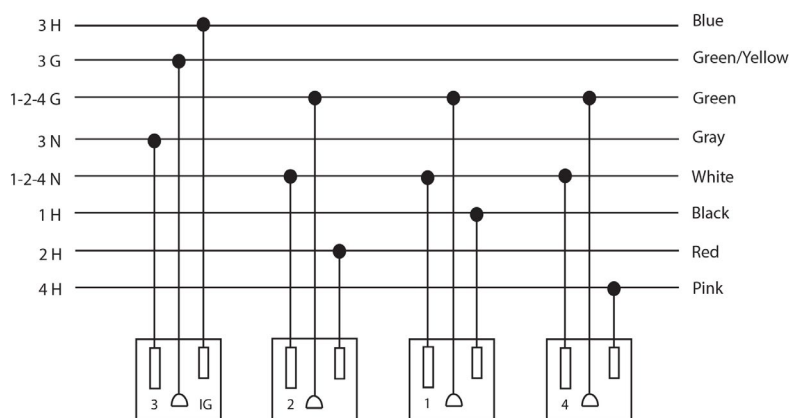
## HOVER

### HOVER ELECTRICAL ASSEMBLY CONTINUED

5. Power infeed starter cable must be installed by a licensed electrician.
6. Position the metal data bracket inside the trough unit. Secure into place using the (4) screws provided. Interface plates can be wired and snapped into place.



### S1 System 8 Wire, 4 Circuit Wiring Schematic



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# HOVER

## INSTALLATION INSTRUCTIONS



## TYPE A ELECTRIC BASE

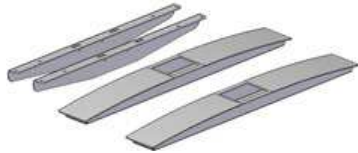
# INSTALLATION INSTRUCTIONS

## HOVER

### TYPE A BASE ASSEMBLY

#### Parts included

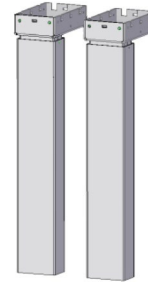
- 2 T-Feet
- 2 T-Top Supports



- 2 J-Channels



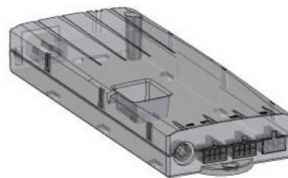
- 2 Electric Columns



- Control Switch



- Control Box



- M6x12mm Socket Head
- QTY: 12



- M6x12mm Flat Head
- QTY: 4



- M10x20mm Button Head
- QTY: 4



**Before proceeding with the table assembly: All electric motors MUST be initialized before moving the table in the “UP” direction.**

Please follow the below instructions for proper initialization:

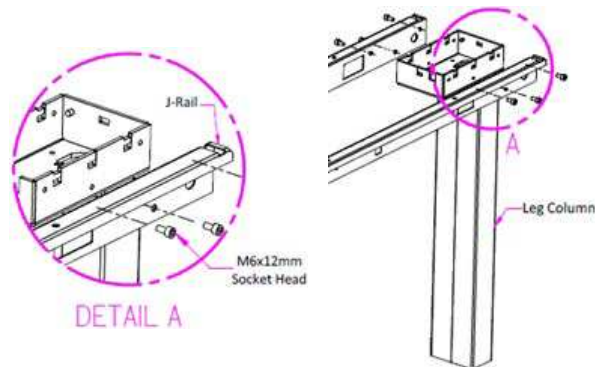
1. All Columns (motors) must be plugged into the Control box.
2. Plug the “Up/Down” Hand switch in to the Control box.
3. Plug the Control box power cord into a 110 volt grounded outlet.
4. Hold the “Down” button in until the columns bottom out to the lowest position.
5. Please continue to hold until a “clicking” sound is heard and the columns move “slightly” UP.
6. Once this is completed your system is properly initialized and can be operated without harm to the system.

# INSTALLATION INSTRUCTIONS

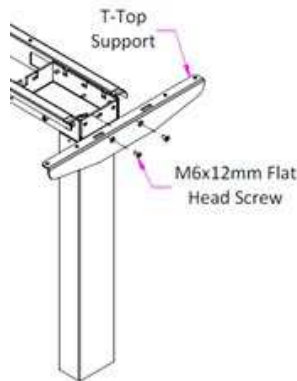
## HOVER

### TYPE A BASE ASSEMBLY CONTINUED

1. Line up J-Rails to the Columns and attach using the M6x12mm Socket head screws provided.

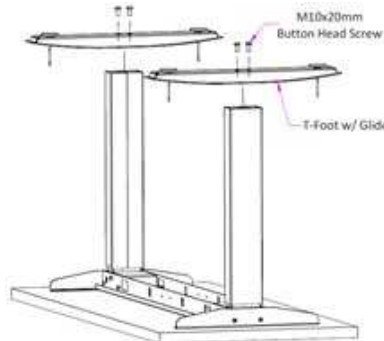


2. Attach the top support to the leg column using the M6x12mm flat head screws provided.

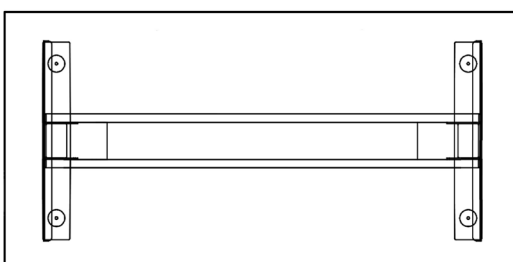


3. After step 2 is complete, flip the assembly over onto the bottom side of the table top.

4. Attach the feet to the columns using the M10x20mm Button Head Screws provided. While making sure they are pointing the same way as the top supports.



5. Below is a layout of how a proper assembly should look.



#### BEFORE USE, PLEASE NOTE:

- To synchronize the control and motors plug in the power cable, all of the control cables, and the switch.
- Hold the down button until the unit bottoms out, you will hear a clicking sound and the columns will move slightly upward.
- If you lose power to the unit you will have to re-synchronize.

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# HOVER

## INSTALLATION INSTRUCTIONS



## TYPE B ELECTRIC BASE



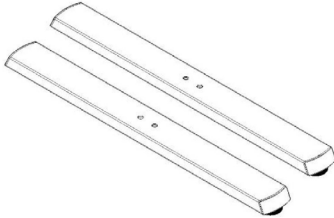
# INSTALLATION INSTRUCTIONS

## HOVER

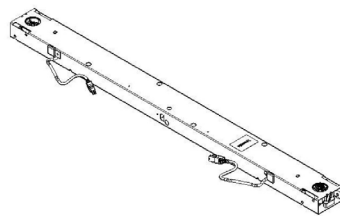
### TYPE B BASE ASSEMBLY

#### Parts included

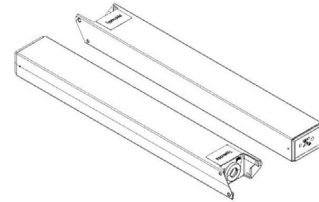
- 2 T-Feet



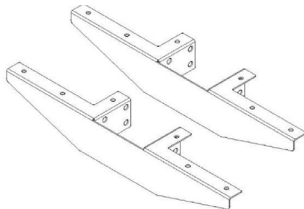
- Cross Beam with Motors



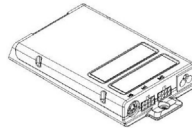
- 2 Electric Columns



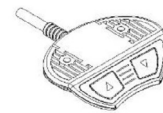
- 2 Top Supports



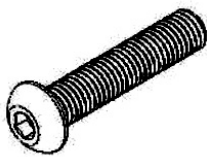
- Control Box



- Up/Down Switch



- M10x50mm Button Head  
- QTY: 4



- M8x12mm Button Head  
- QTY: 8



- #10x3/4" Wood Screw  
- QTY: 20



**Before proceeding with the table assembly: All electric motors MUST be initialized before moving the table in the "UP" direction.**

Please follow the below instructions for proper initialization:

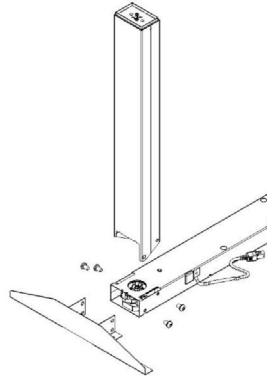
1. All Columns (motors) must be plugged into the Control box.
2. Plug the "Up/Down" Hand switch in to the Control box.
3. Plug the Control box power cord into a 110 volt grounded outlet.
4. Hold the "Down" button in until the columns bottom out to the lowest position.
5. Please continue to hold until a "clicking" sound is heard and the columns move "slightly" UP.
6. Once this is completed your system is properly initialized and can be operated without harm to the system.

# INSTALLATION INSTRUCTIONS

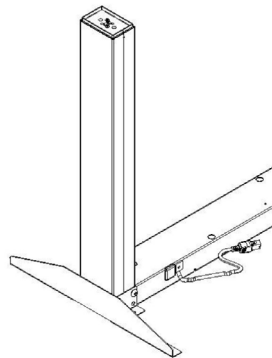
## HOVER

### TYPE B BASE ASSEMBLY CONTINUED

1. Insert electric lifting column into cross beam and slide top supports over the width of the beam.

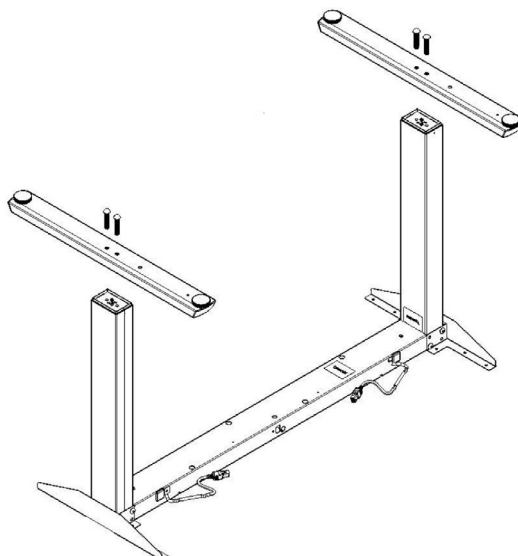


2. Attach the top supports to the electric lift column using the M8x12mm button head screws provided.



3. Attach the T-feet using the M10x50mm button head screws provided.

4. After step 3 is complete, flip the assembly right side up (in the operating position).

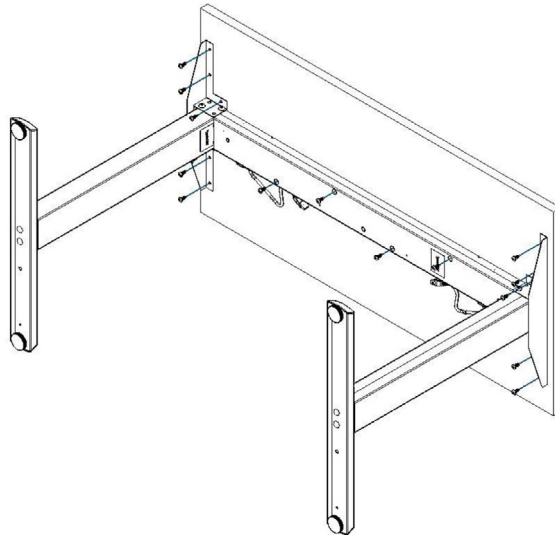


# INSTALLATION INSTRUCTIONS

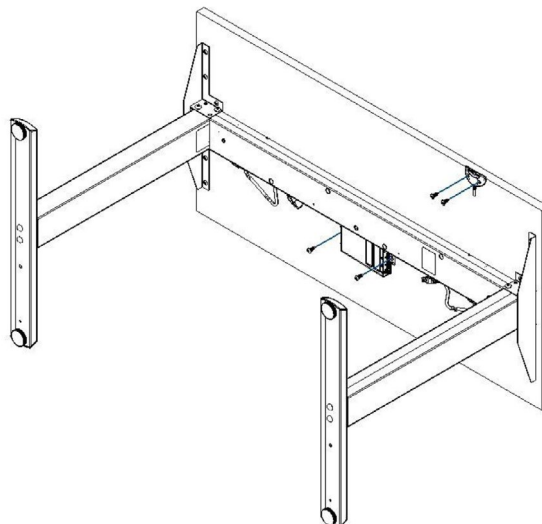
## HOVER

### TYPE B BASE ASSEMBLY CONTINUED

5. Attach top supports and cross beam to the table top with the #10 x 3/4" wood screws provided.



6. Attach control box and up/down switch underneath the worksurface. Center the control box on the opposite side of the user next to the cross beam. Install the hand switch where it will be convenient for the end user.



#### BEFORE USE, PLEASE NOTE:

- To synchronize the control and motors plug in the power cable, all of the control cables, and the switch.
- Hold the down button until the unit bottoms out, you will hear a clicking sound and the columns will move slightly upward.
- If you lose power to the unit you will have to re-synchronize.