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Read instructions prior to assembly. This console contains parts that can be damaged if assembled incorrectly or in the wrong sequence.

Verify that you have all the parts required to assemble the console. Due to many configurations possible for the Monitor Frame, there may be extra hardware included. Exact hardware and parts required are listed on the same page as the step where they are needed.

Assistance is required during some parts of the assembly; look for this "Helper" symbol:



### Caution:

Do not stand or sit on console.

A level and sturdy foundation is required before console construction can begin.

Incorrect installation could void your warranty. Have peace of mind by contacting a TBC certified technician. To locate one close to you, email [support@tbconsoles.com](mailto:support@tbconsoles.com).

TBC does not accept any responsibility or liability for any direct, indirect, incidental, consequential, special, exemplary or punitive damages arising directly or indirectly from, or connected with, your use of this product. No representations are made concerning compliance with building codes, seismic structural design, or earthquake resistance.

### Design Build:

Each intelliTrac is made to order and built around specific monitor models and quantities as approved in the final design drawings. Any changes to the monitors, or to factors previously unknown in design, may necessitate different parts and a design consultation with your salesperson.

TBC makes no representation on the ability to change the configuration sold with the current parts provided. If there is a foreseeable future change in monitor size or position then please ensure this is communicated to your salesperson.

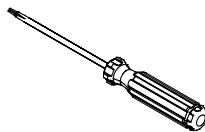
### Needed for Installation:



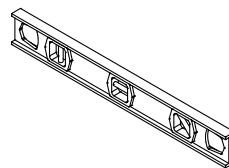
3/16" Hex  
Wrench



4mm Hex  
Wrench



Phillips  
Screwdriver



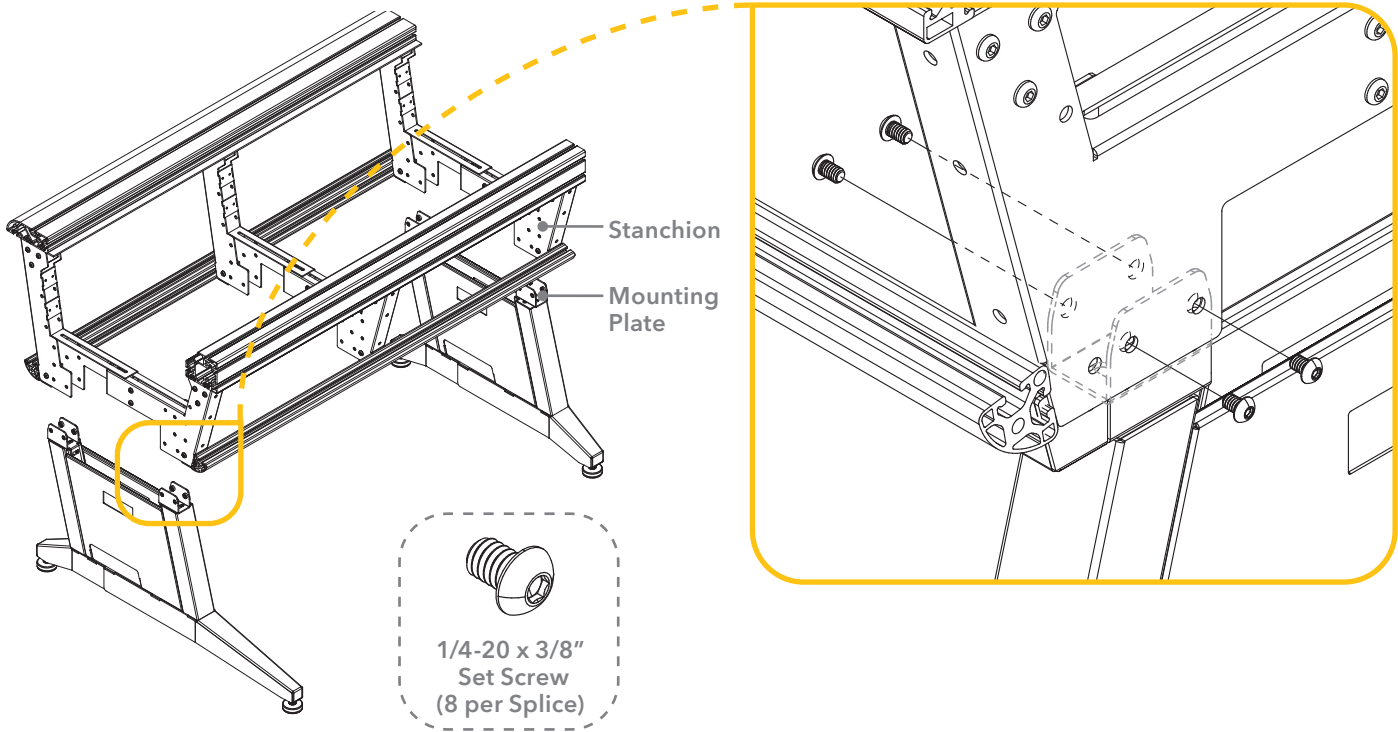
Level



Helper

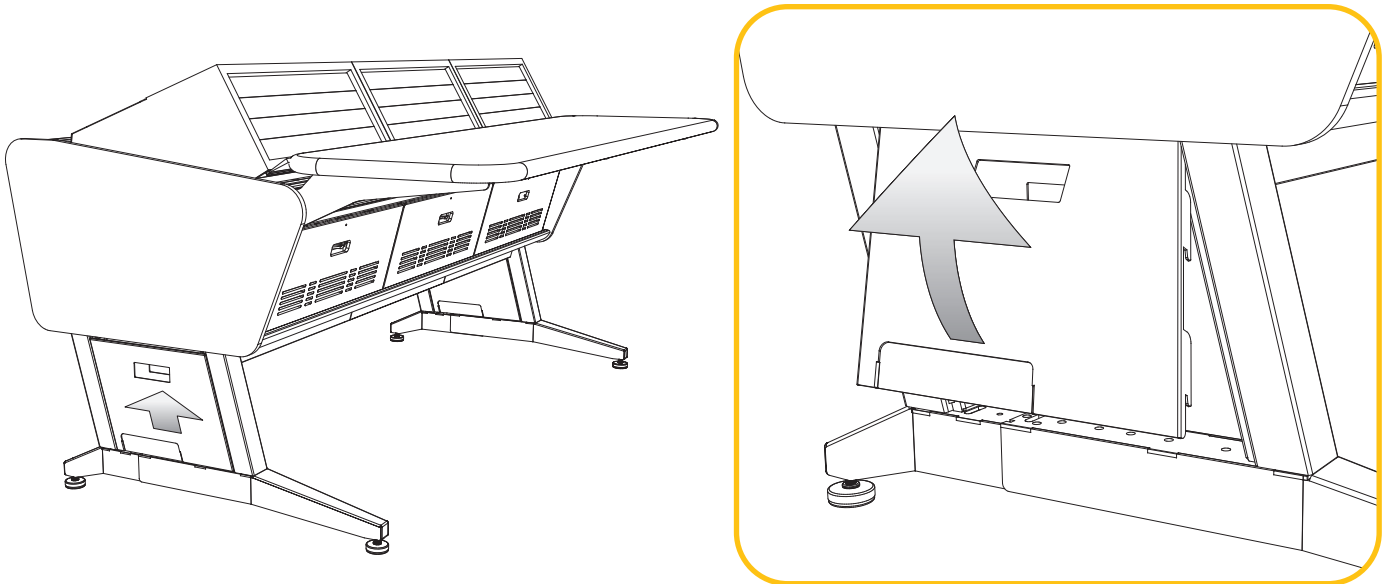
# LEG ATTACHMENT

With assistance, align the holes in the stanchions with the threaded inserts in the leg mounting plates. Secure the leg and stanchion assembly together using eight 1/4"-20 x 3/8" screws per section.



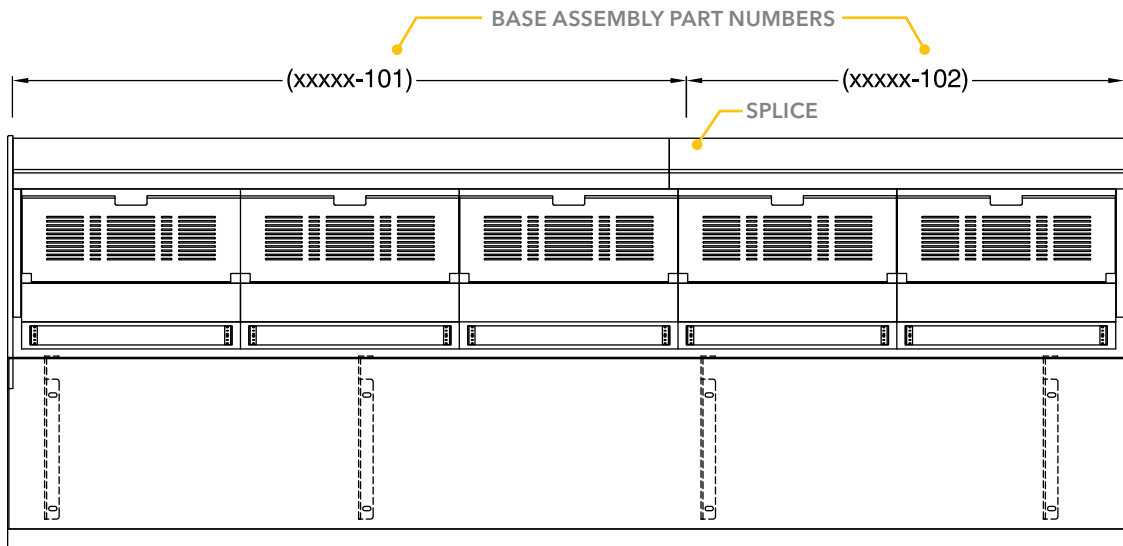
# LEG PANEL

To remove the leg panel, lift the door up and angle out. Once the door is removed the panel cover can also be removed to allow for cable access through the leg.



## Step 1

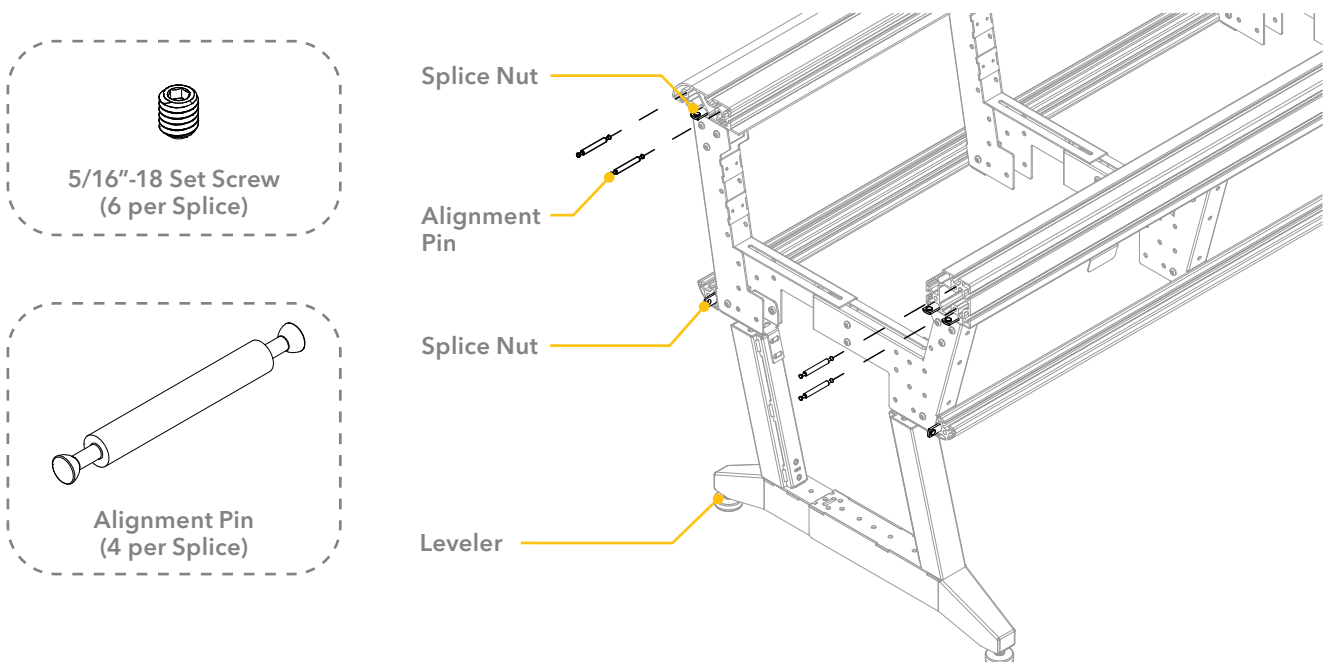
Using the provided Drawings, identify the correct base assemblies for each console being assembled, and place them in their approximate position in the room. Locate all the parts for each console by matching color-coded part labels to the base frame label, but do not install them just yet. Before moving on to the next step, adjust the levelers on each base assembly to the same relative height. This is important before connecting them together.



TOP VIEW OF ASSEMBLED CONSOLE (example only, may differ from your configuration)

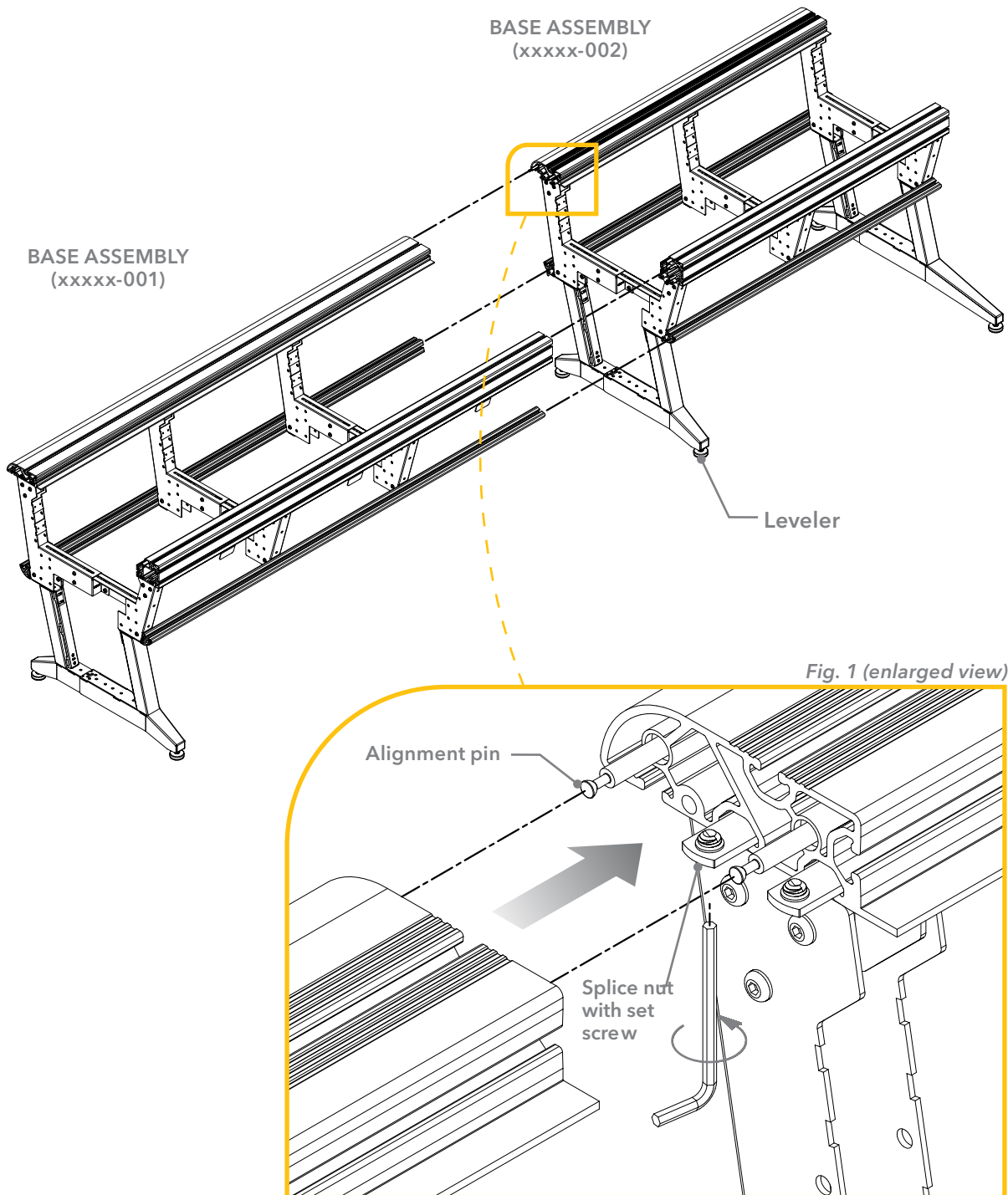
## Step 2

Thread (6) 5/16"-18 set screws 2 turns into protruding splice nuts. Insert (4) alignment pins in upper extrusions as shown above. Repeat this step for each base assembly to be spliced.



## Step 3

Align splice nuts & alignment pins to next base assembly. Carefully slide base assemblies together, and tighten the (6) 5/16-18 set screws with 4mm hex wrench. During this process be sure to maintain a tight seam between the extrusion pieces. Repeat this step for each base assembly to be spliced.





**NOTE:** Before attaching the transition front and rear panels to the base assemblies be sure to level both base assemblies to the same height end to end.



## Step 1

Align the front transition to one base assembly and insert the 5/16-18 x 5/8" Button head screws in each of the 3 holes on that side of the panel. Be sure to tighten the screws only half way in using the 3/16 hex wrench. Repeat this process with the rear transition panel using (2) 5/16-18 x 5/8" Flathead Screws on the top rear extrusion and remaining Button Head Screw on the lower rear extrusion.

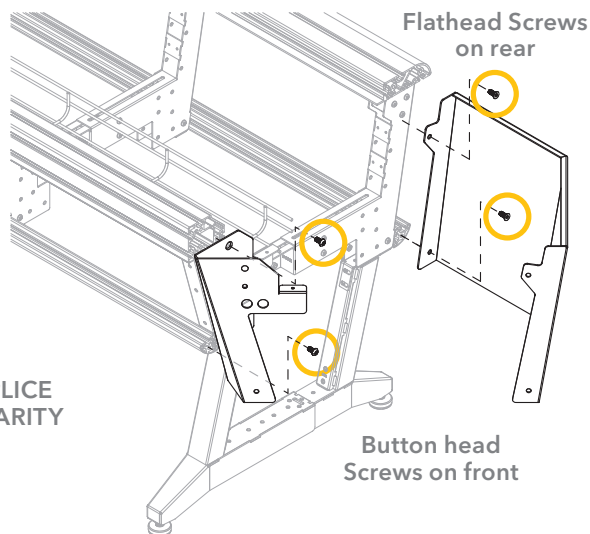


5/16-18 x 5/8"  
Button Head  
(4 per side)



5/16-18 x 5/8"  
Flathead  
(2 per side)

NOTE: RIGHT SIDE SPLICE  
NOT SHOWN FOR CLARITY



## Step 2

With both the front and rear transition panels attached to one base assembly, slide and position both base assemblies together and line up the transition holes to the other base assembly. Insert the 6 remaining 5/16-18 screws and tighten only half way.

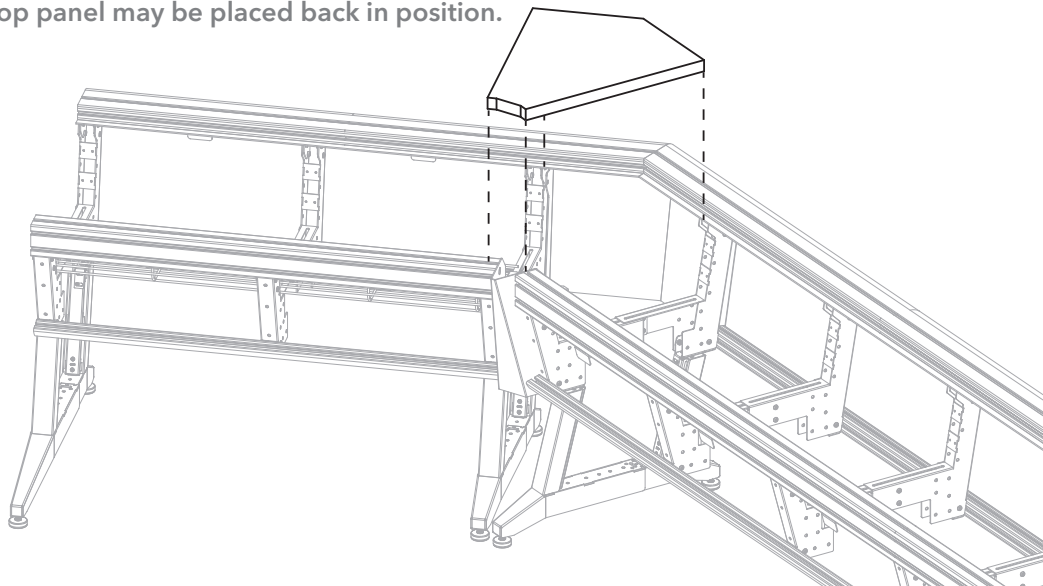


**\*\*\*\*\*IMPORTANT\*\*\*\*\***  
**BEFORE PROCEEDING TO STEP 3, THE COUNTERTOP MUST BE ATTACHED!**



## Step 3

Place the transition top panel in position by guiding the front end of the panel into the front transition first. After checking for a proper fit remove the top panel and tighten all 12 of the 5/16-18 x 5/8" Button Head Screws. After this the transition top panel may be placed back in position.



## Step 4

Place the transition top panel back into position through the same method. This will complete the assembly.



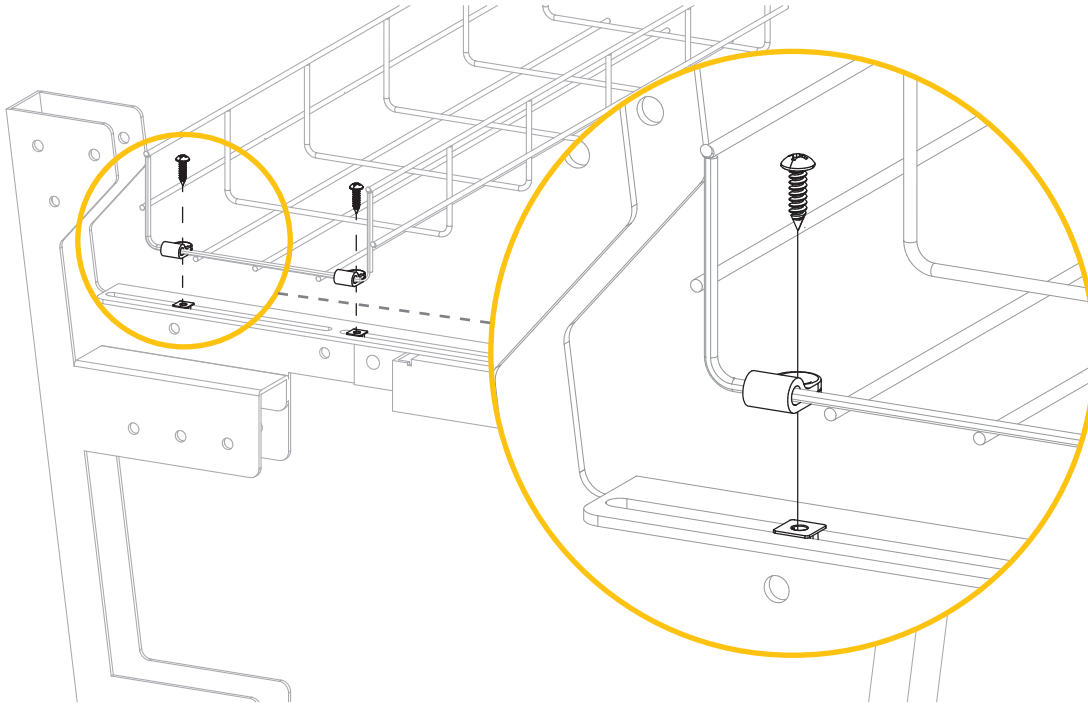
## WIRE CABLE TROUGH

(Optional)

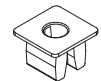


Rev. 1.00

Locate the pre-installed plastic tie-down anchors in stanchion. With a helper, place cable wire trough onto stanchion, matching plastic tie-down to the anchor locations. Secure in place with #8-1/2" button head screws.



#8 - 1/2"  
Button Head Screw



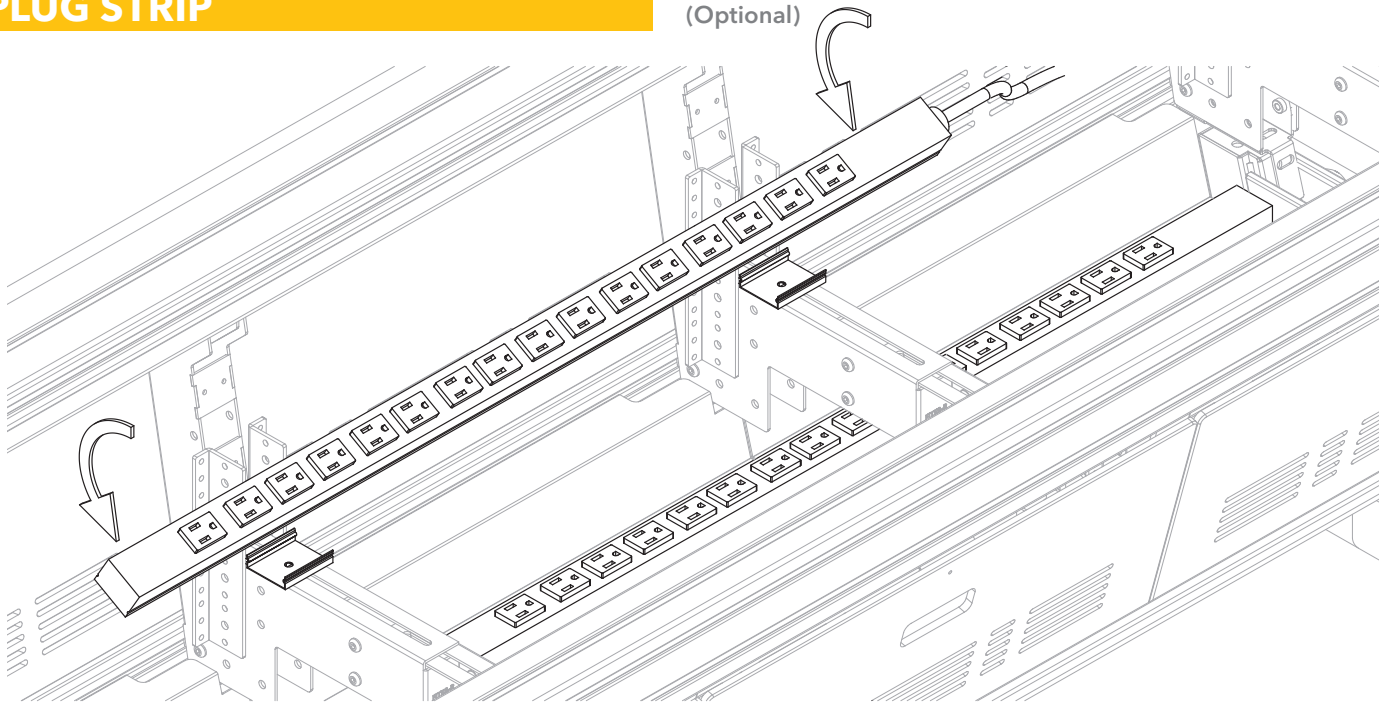
Plastic Tie-down  
Stanchion Anchor



Plastic Tie-down

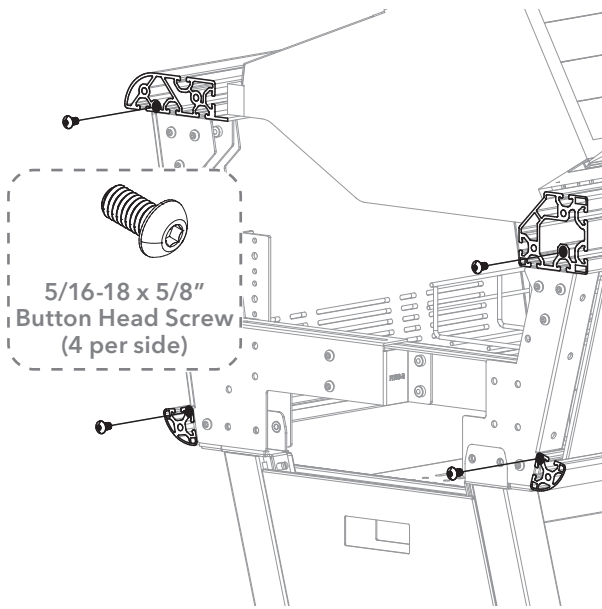
## PLUG STRIP

(Optional)

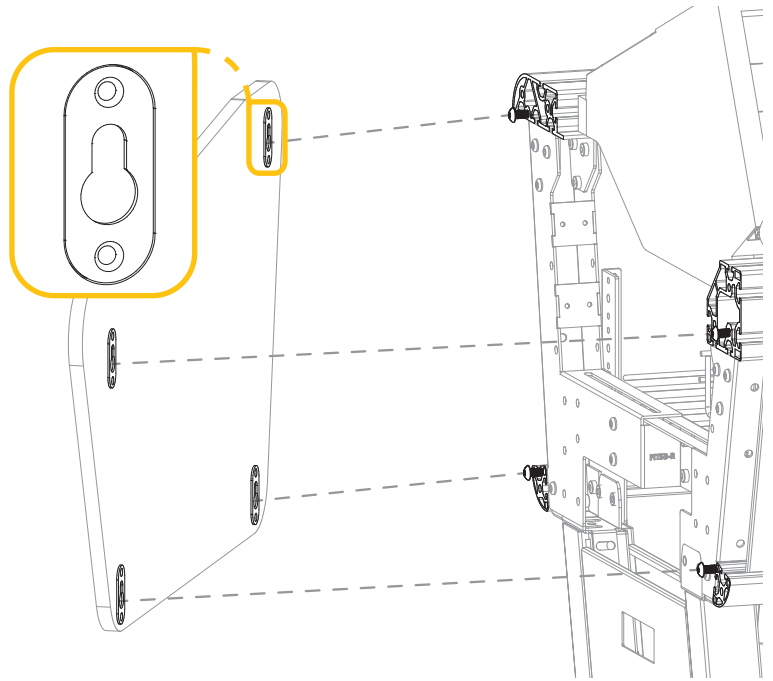


Align front of plug strip with metal clip groove and rotate until locked in place.  
Plug strip can be located on stanchion or optional lower metal pan

## END PANEL



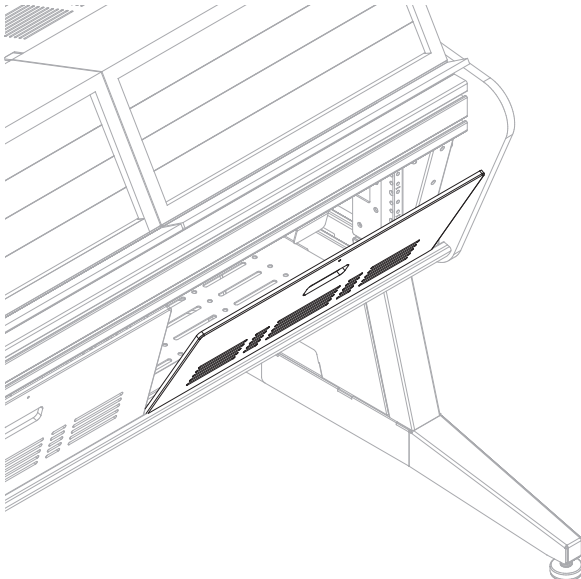
Using a 4mm hex wrench, affix (4) 5/16 - 18 x 5/8" button head screws to positions shown, leaving 1/8" space before screw meets extrusion.



Match the pre-installed hardware embedded into the inside of the end panel to the screws and carefully drop into place.

**NOTE:** Panel should fit snugly. If panel is too loose, tighten bolts and reattach.

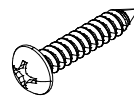
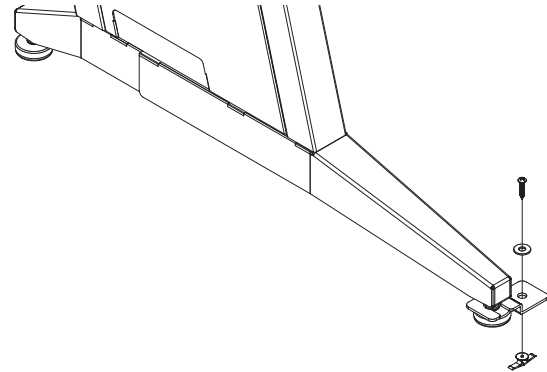
## BASE DOOR



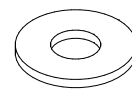
Insert bottom of door into trac (slot) of lower extrusion and tilt back until the magnet engages the strike plate.

## FLOOR ANCHORING

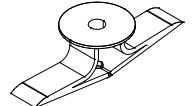
(Optional)



#10 x 1-1/2" L Screw  
(1 per)



1/4" Washer  
(1 per)



Toggle Anchor

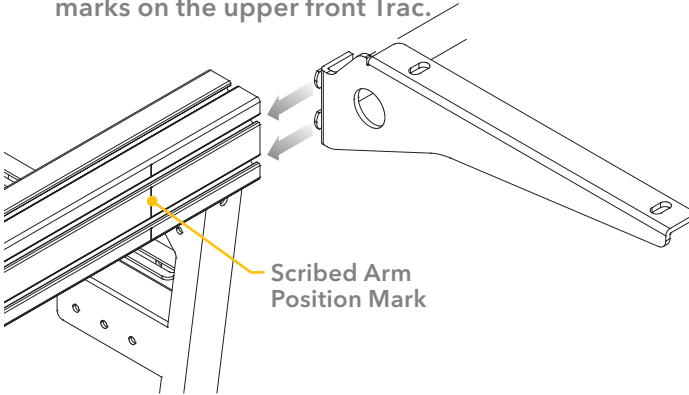
Place leveler hook over leveler and attach to floor using the method below for your specific floor type;  
Wood Floor: Use #10 x 1-1/2" L screw & washer.  
Concrete/Metal Floor: Drill a 5/16" hole, insert toggle anchor, then use #10 x 1" L screw and washer.



## COUNTERTOP ARM

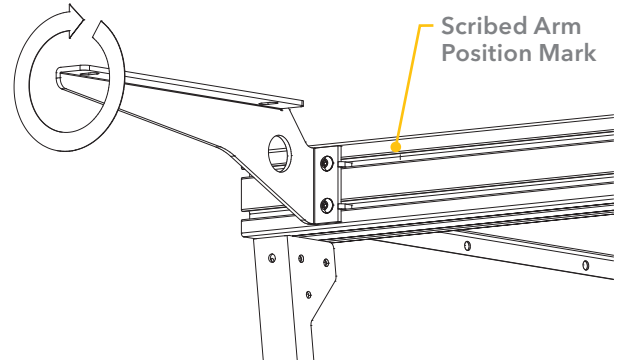
### Step 1

Loosen the (2) pre-attached "T" nuts and slide countertop arm assembly into the 2 forward extrusion Trac grooves. Position the right straight edge of each countertop arm in line with the vertical scribed arm position marks on the upper front Trac.



### Step 2

Rotate each arm clockwise until they stop to a vertical position and tighten the two 5/16-18 screws with the 3/16 hex wrench.



\*\*\*\*\*IMPORTANT\*\*\*\*\*



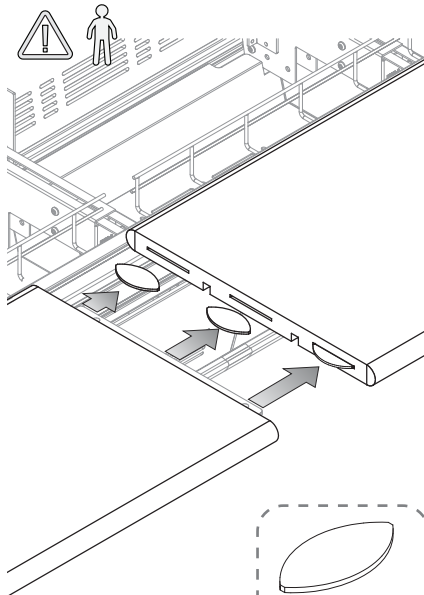
FIELD JOINT ASSEMBLY MUST BE DONE WITH COUNTERTOP (RIGHT SIDE UP) RESTING ON SUPPORT ARMS!



## STANDARD COUNTERTOP FIELD JOINT

### Step 1

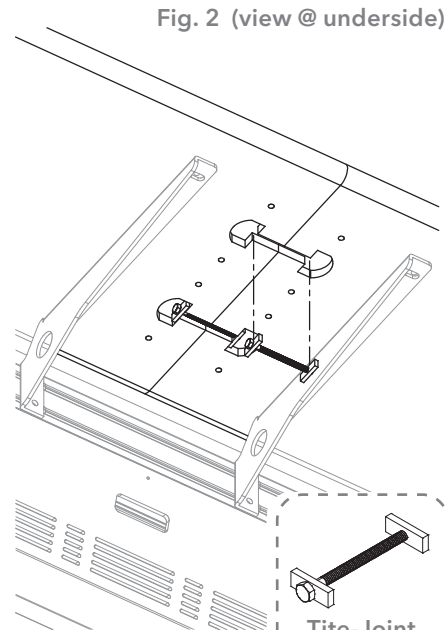
Place the wood biscuits in the countertop slots and pull the countertops together.



Wood Biscuit  
(3 Per Joint)

### Step 2

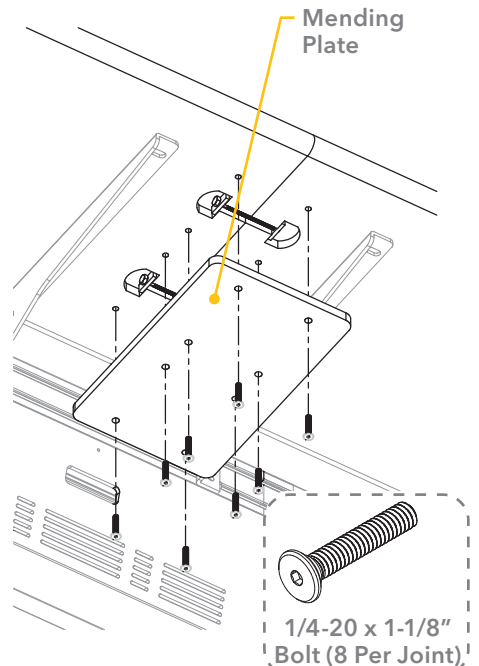
Insert the Tite-Joints into the countertop grooves and tighten.



Tite-Joint  
(2 Per Joint)

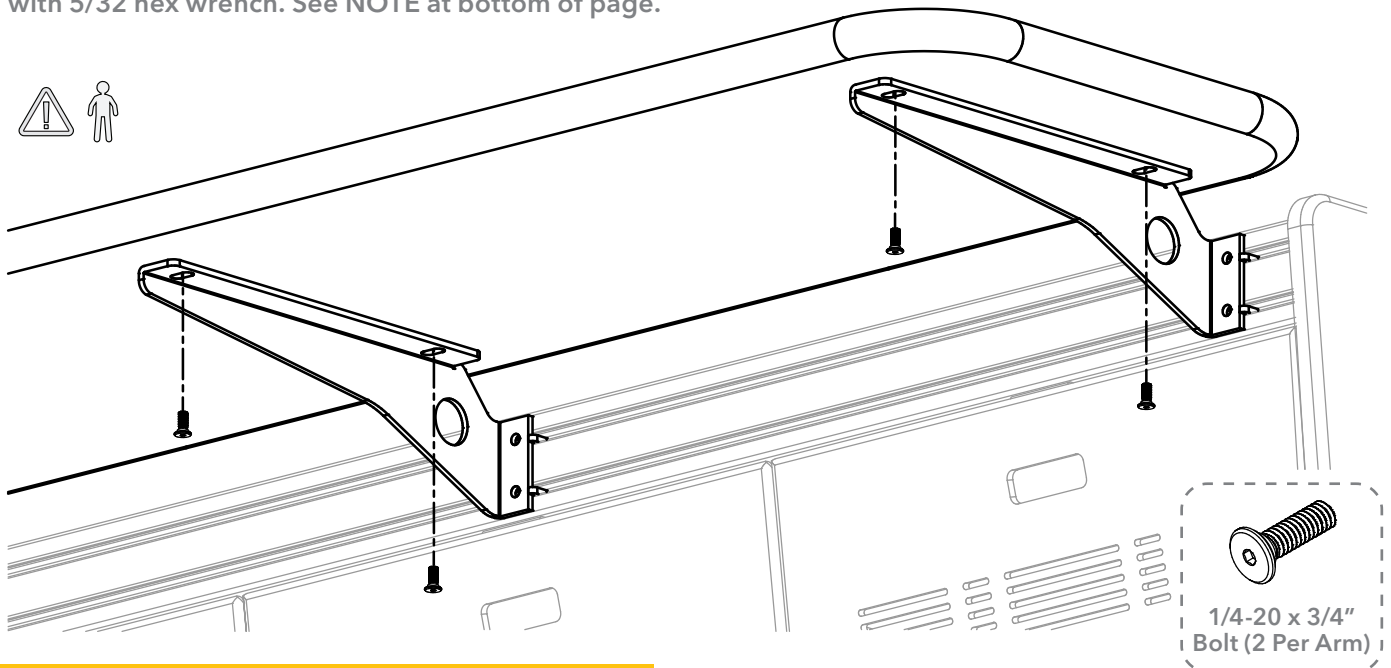
### Step 3

Attach the mending plate to the bottom of countertops and secure using 1-1/8" bolts.



1/4-20 x 1-1/8" Bolt (8 Per Joint)

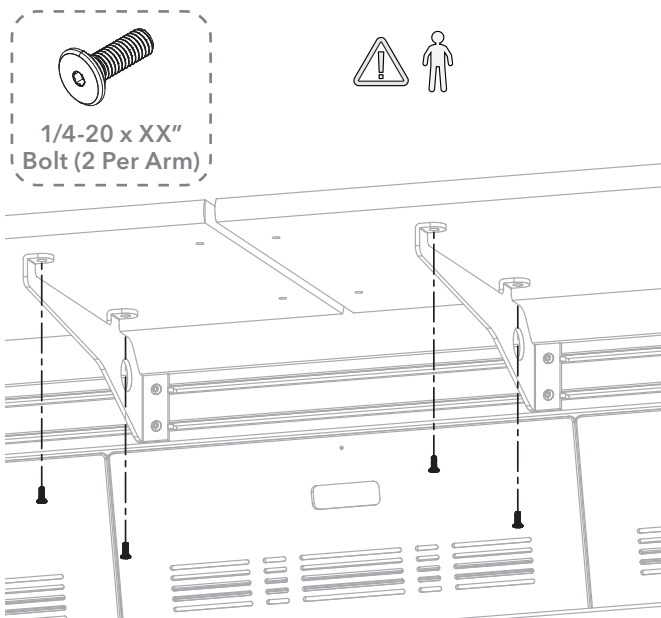
With assistance, carefully position the countertop onto the support arms, aligning the holes on the underside of the countertop with those on the support arms. Fasten together with the 1/4-20 x 3/4" low profile bolts with 5/32 hex wrench. See NOTE at bottom of page.



## SOLID SURFACE COUNTERTOP

### Step 1

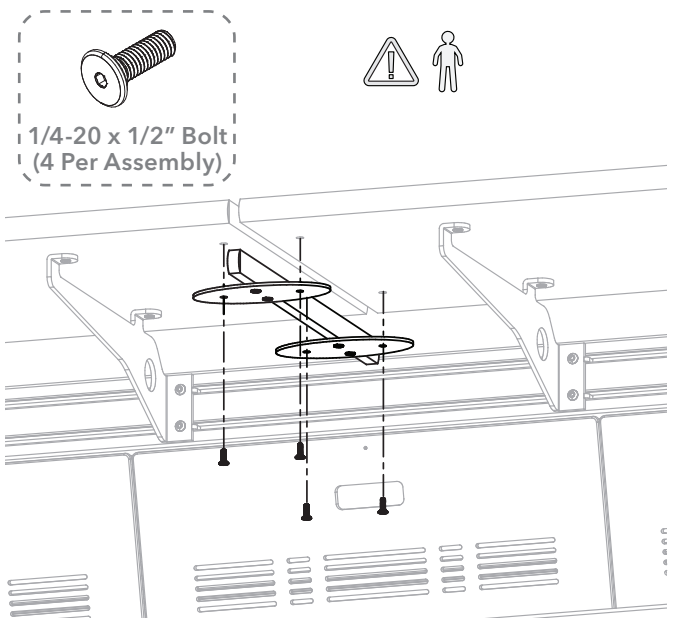
Place the countertop on the support arms and align sleeve inserts. For Acrylic, loosely secure with 1/4-20 x 1-1/2" bolts (proceed to Step 2). For Corian, use 1/4-20 x 3/4" bolts (w/ washer); for Phenolic, use 1/4-20 x 1/2" bolts (w/ washer). Tighten using a 5/32 Hex Wrench.



### Step 2

(For Acrylic)

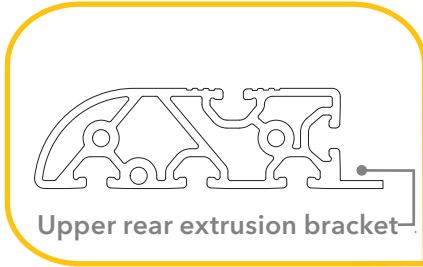
Loosely fasten the parting strip assembly in position with the 1/4-20 x 3/4" Low profile bolts provided. With assistance push at both ends to close gap and tighten remaining bolts with the 5/32 Hex Wrench.



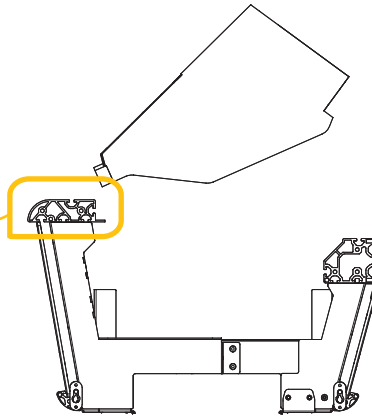
**NOTE: If the console has transitions, return to Step 3 in Transition Assembly instructions after countertop attachment.**

## TURRET/TOP SHELF

(Optional)

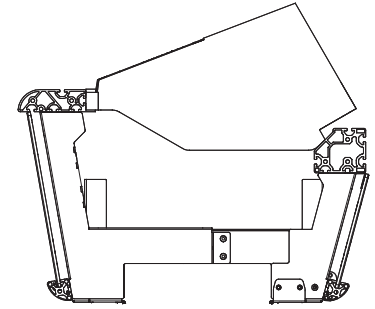


**NOTE:** In order to hold the turret securely during the installation process, the turrets should be held and installed from the side or rear of the base assembly.



### Step 1

Rest the turret rear support on the horizontal bracket of the upper rear extrusion.



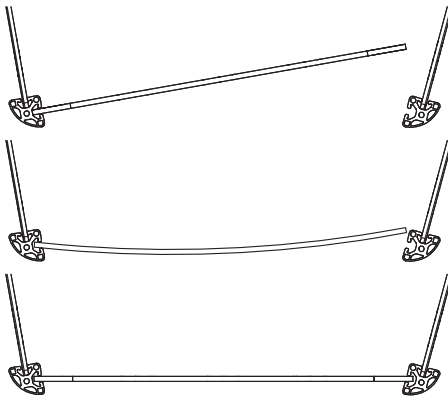
### Step 2

Lower the front of the turret until it rests on the front extrusion and slide into position.

## HDPE LOWER PAN

(Standard)

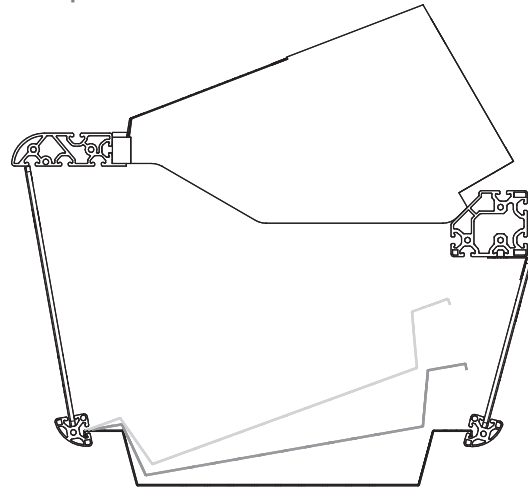
Inset lower pan into lower rear extrusion.  
Flex slightly to fit into front bottom extrusion.



## METAL LOWER PAN

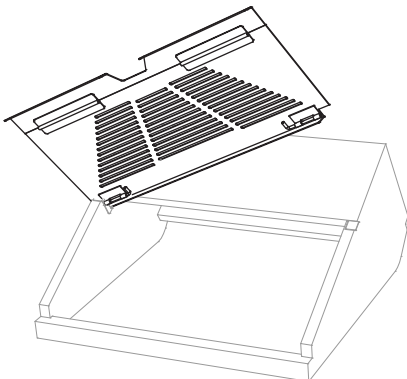
(Optional)

Inset lower pan into lower rear extrusion and drop into front lower extrusion.



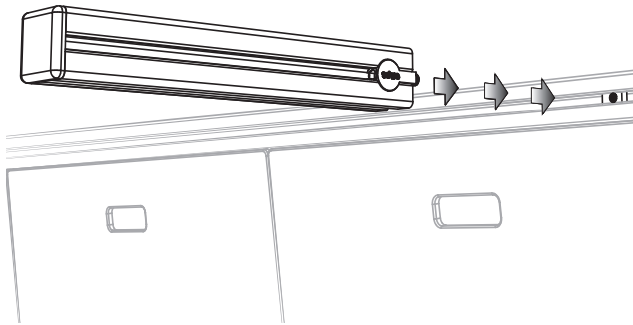
## TURRET LID

While holding the open lid, remove latch hinge pin and angle lid away.



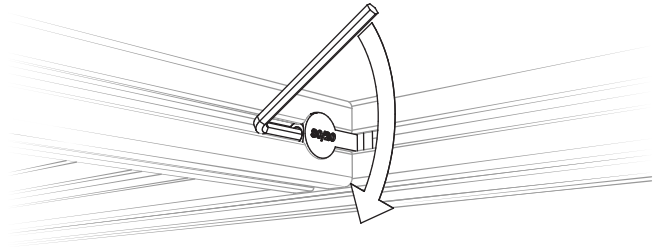
## Step 1

Locate the pre-installed T-Nuts in the front extrusion.



## Step 2

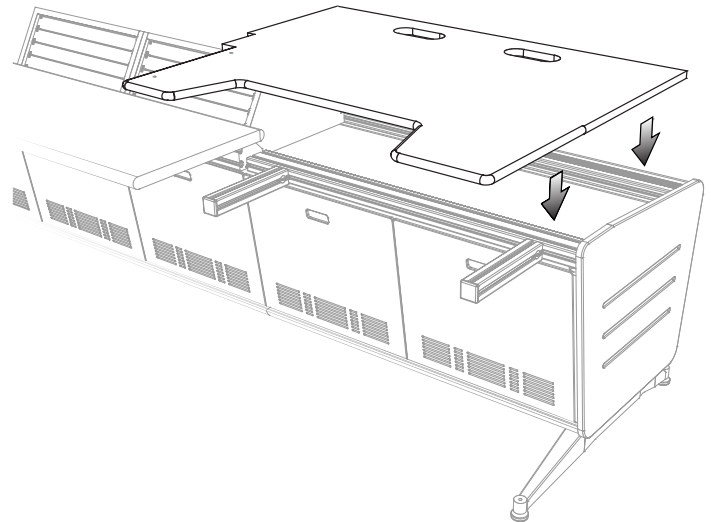
Using the 4mm hex wrench tighten both extrusion anchors into the front extrusion. Repeat this step for both support arms.



**NOTE:** Before proceeding to Step 3, look for 3 holes in the flange on the rear extrusion and note their locations.

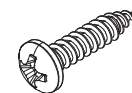
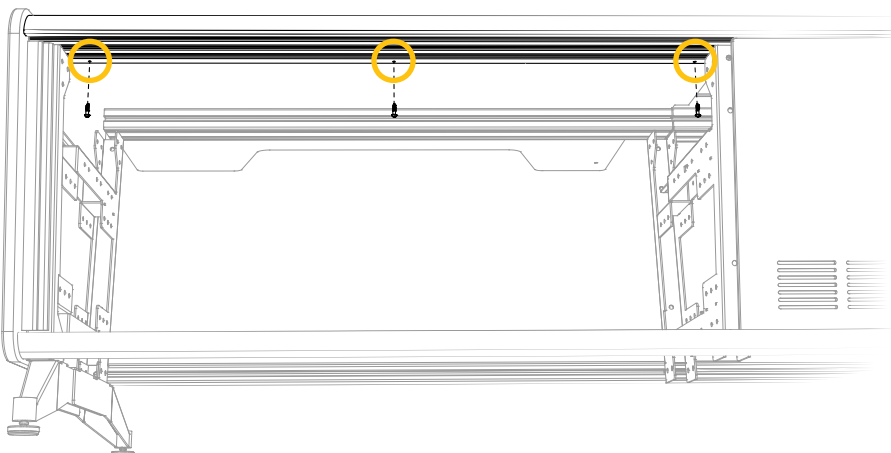
## Step 3

With a helper, place the drop well on the front and rear extrusions.



## Step 4

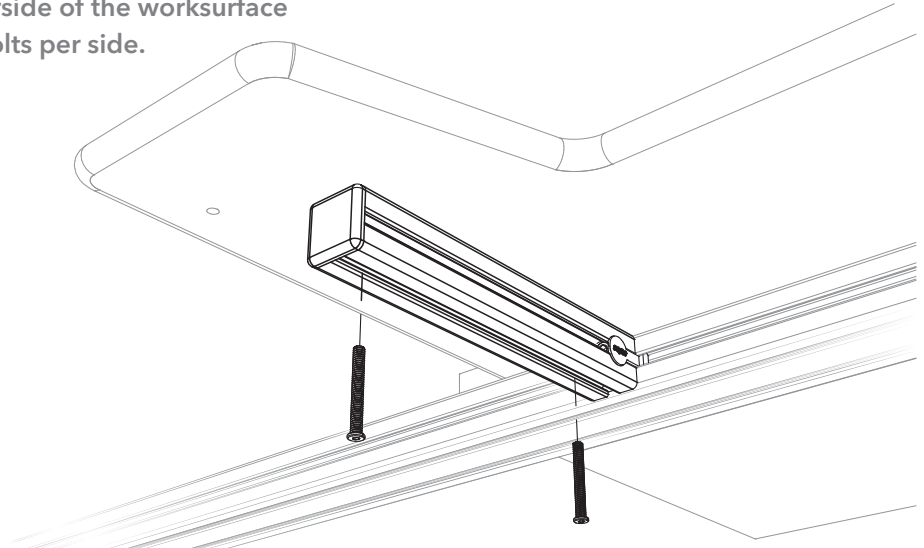
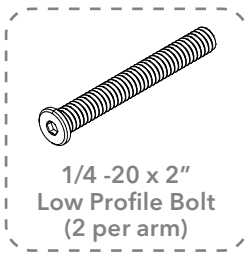
From the rear of the console, locate the 3 holes in the bottom of the flange on the rear extrusion. Using #8 x 3/4" pan head screws secure the drop well to the rear extrusion.



#8 x 3/4"  
Pan Head screws  
(3 total)

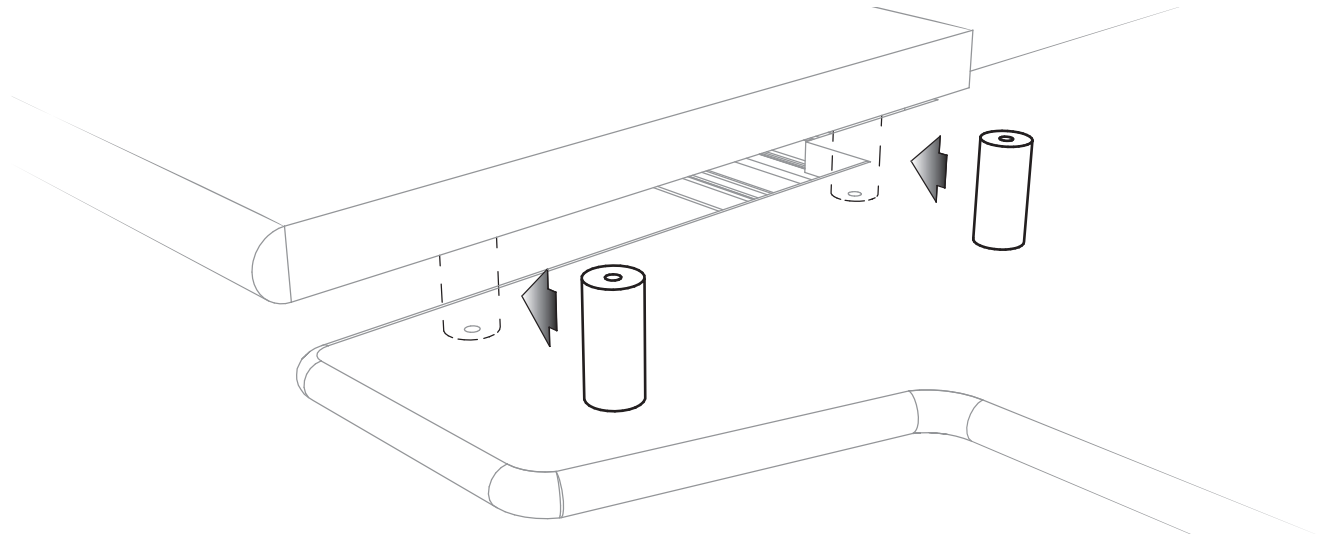
## Step 5

Secure the support arm to the underside of the worksurface using (2) 1/4 - 20 X 2" low profile bolts per side.



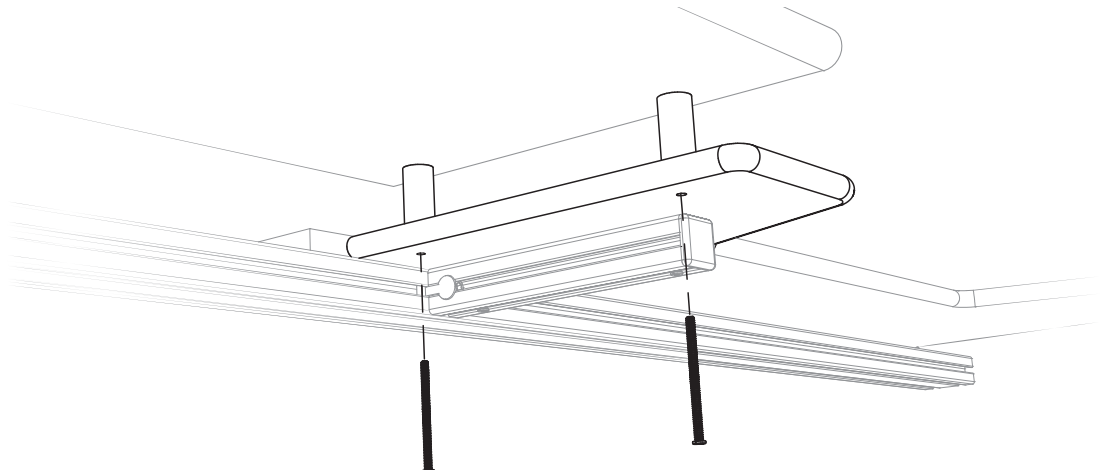
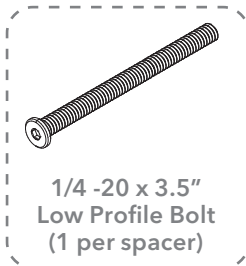
## Step 6

Line up the (2) spacers with the holes going through the drop well and the underside of the worksurface.



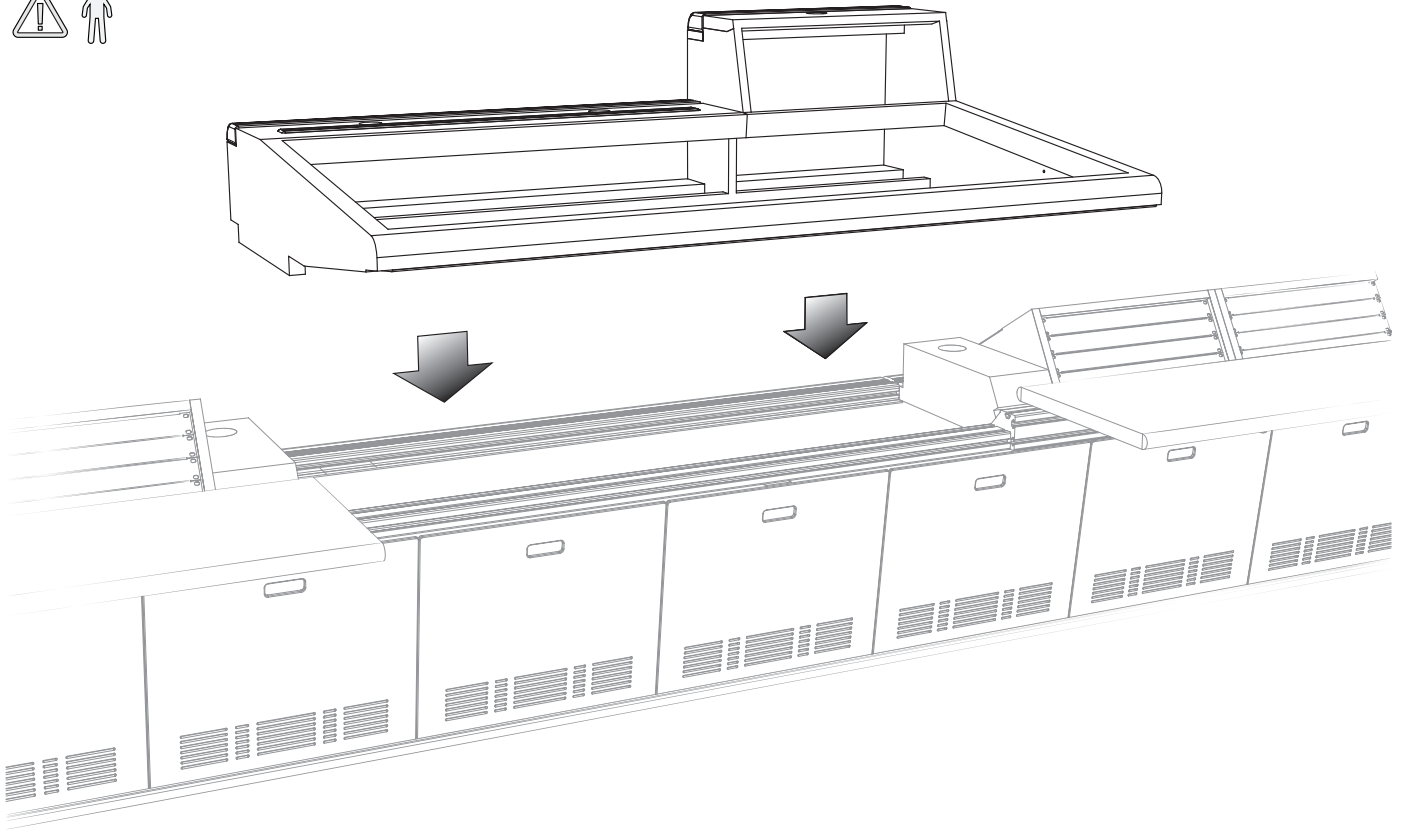
## Step 7

Secure the drop well to the worksurface using (2) 1/4 - 20 x 3.5" low profile bolts.



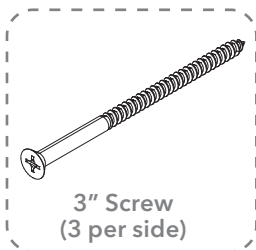
## Step 1

With a helper, place the switcher wedge on the front and rear extrusions.

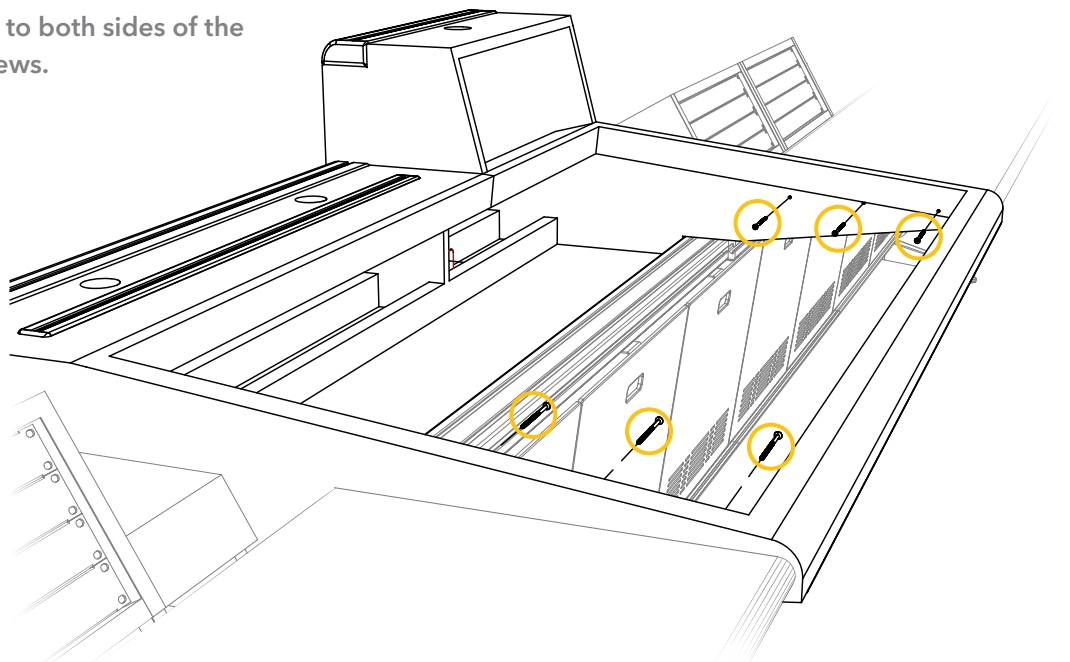


## Step 2

Secure the switcher wedge to both sides of the countertop using (6) 3" screws.



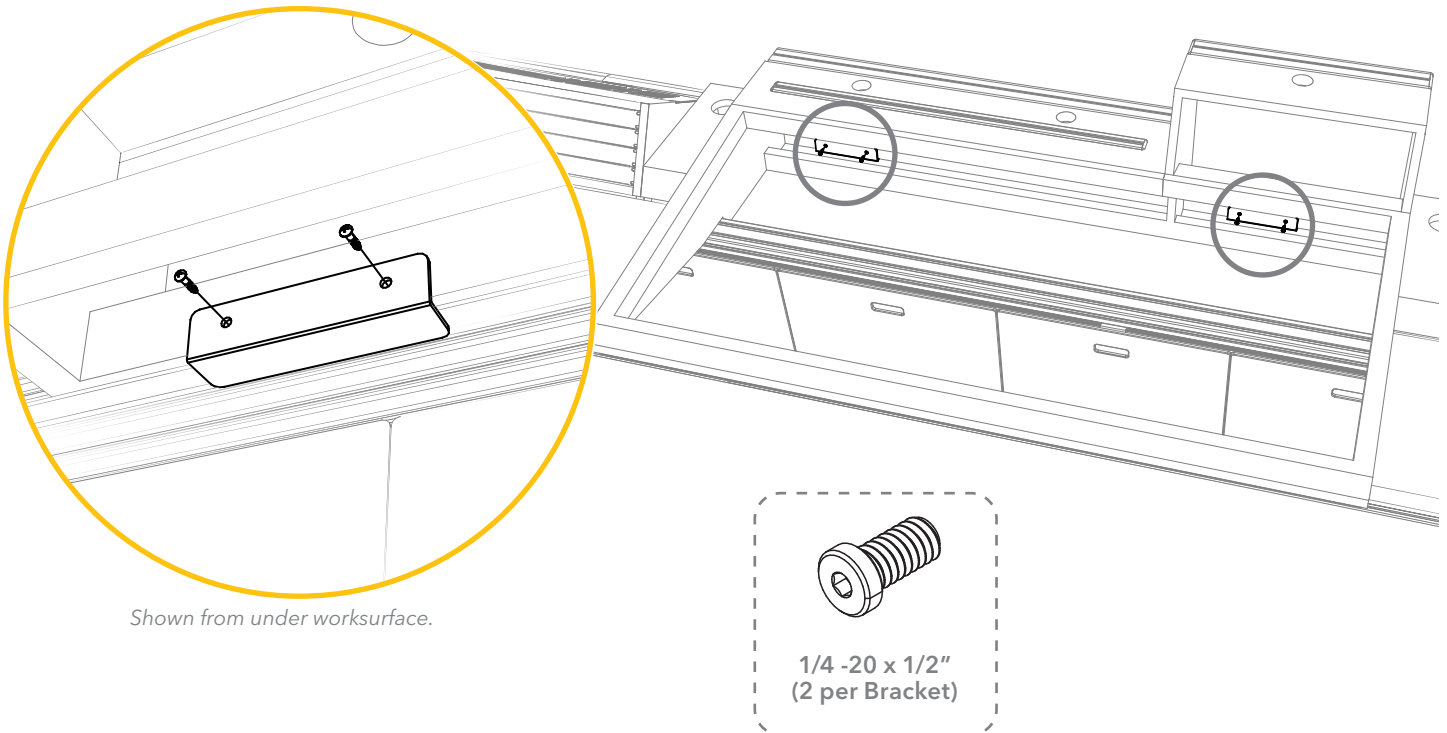
3" Screw  
(3 per side)





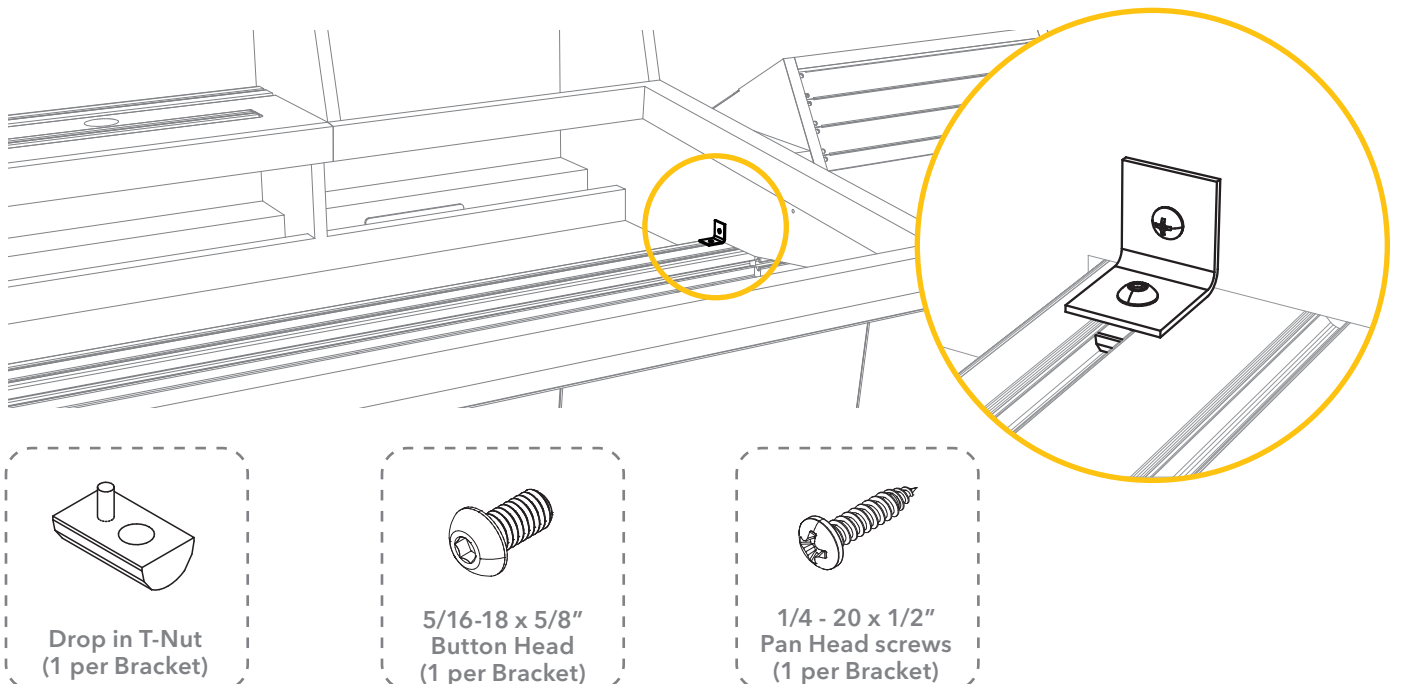
## Step 3

Attach (2) L-Brackets to the rear of the switcher wedge using (2) 1/4 - 20 x 1/2" Low Profile bolts (per bracket)



## Step 4

Locate T-Nut in extrusion. After aligning L-bracket, loosely attach 5/16 - 18 x 5/8" button head screw. Drive bracket onto wedge using a 1/4-20 x 1/2" pan head screw. Tighten button head screw and repeat for other side.



TBC Consoles provides a robust warranty on all our products, however, incorrect installation could void this warranty. Save time by engaging with our expert installation team, contact [support@tbconsoles.com](mailto:support@tbconsoles.com).

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These assembly instructions are meant as a guide. As we provide custom consoles based on a modular standard design, it is not possible to cover all possible customizations. In the event that a customization applies for your project beyond this guide then a detailed drawing or additional instructions will be provided.



[tbconsoles.com](http://tbconsoles.com)

All specifications and other information contained in this installation guide are based on the latest product information available at the time of printing. TBC Consoles is dedicated to product improvement and therefore reserves the right to make changes to the specifications of this and other products.

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