

YOU WILL NEED:

- Level
- Tape Measure
- Pencil
- Miter Saw with Aluminum Blade
- Drill/Electric Screwdriver
- Masking Hardware (not included)

INSTRUCTIONS:

- 1 Cut all J-channel frame pieces (ASI 205) to size.

Side pieces: Cut frame to suit.

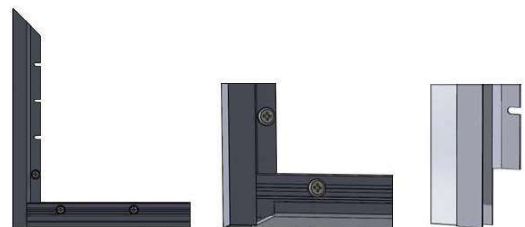
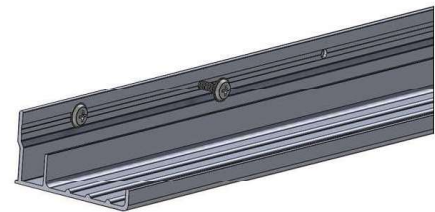
(Recommended cut of 1/2" over the total height of the unit). Miter cut both ends of side pieces if not being used with tray. Side pieces used with full length tray need to be mitered on one end and straight cut on the other.

Top/Bottom pieces: Cut the frame to suit and accommodate all panels and miter both ends.

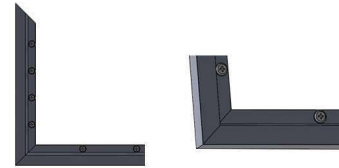
- If using a flat tray, leave 3/4" per side.
- If using an angled tray, cut to align with tray end caps (typically minus 3/4" per side).
- If frame pieces are joined at corners, only miter the ends that will meet.

- 2 Install Bottom Frame/Tray: Mark a level line 1-1/2" above your desired mounting height. Drill pilot holes through the frame and into the wall/studs. Secure the bottom frame/tray along that line using proper hardware.

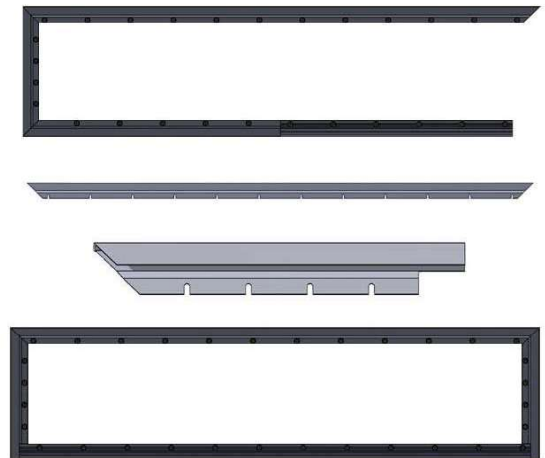
- 3 Install Left Side Frame onto Tray: Attach the left frame piece, making sure it is square to the bottom piece. Notch out the bottom of the piece of frame to fit around the tray. Align the straight-cut ends.



- 4 Install Left Side Frame onto Frame: Attach the left frame piece, making sure it is square to the bottom piece. Align mitered corners.



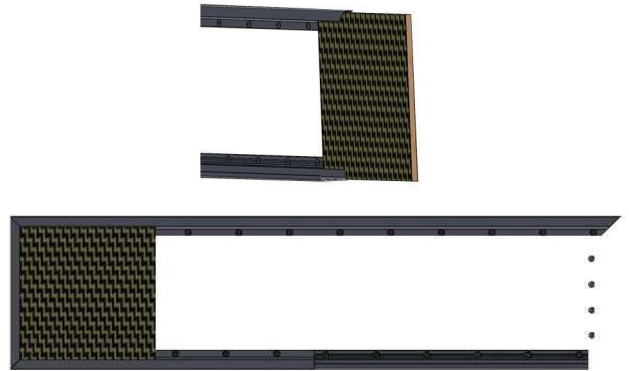
- 5 Install Top & Right Frame: Attach the top frame piece, aligning mitered corners with the left frame. Secure the right frame so it aligns with both the top and bottom pieces. Align mitered or straight cuts depending on the tray usage.



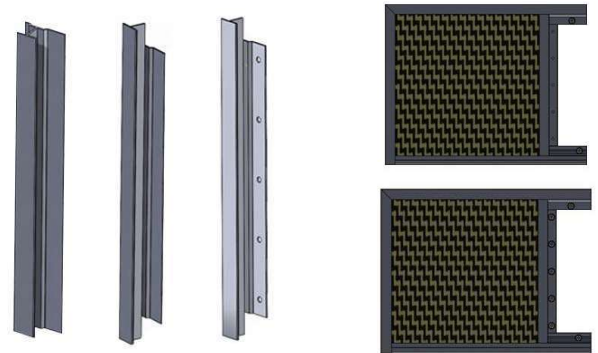
- 6 Remove Top or Right Frame: Determine if panels can be installed from the right side of the unit or from the top of the unit.
- If installing from the right side of the unit: (which is shown in this guide). Back off the screws of the right frame piece by $\frac{1}{2}$ a turn. Slide out the right frame piece from underneath the screws and set aside. Back off the screws of the top frame piece by $\frac{1}{4}$ of a turn.
 - If installing from the top of the unit: Back off the screws of the top frame piece by $\frac{1}{2}$ a turn. Slide out the top frame piece from underneath the screws and set aside. Back off the screws of the right frame piece by $\frac{1}{4}$ of a turn.



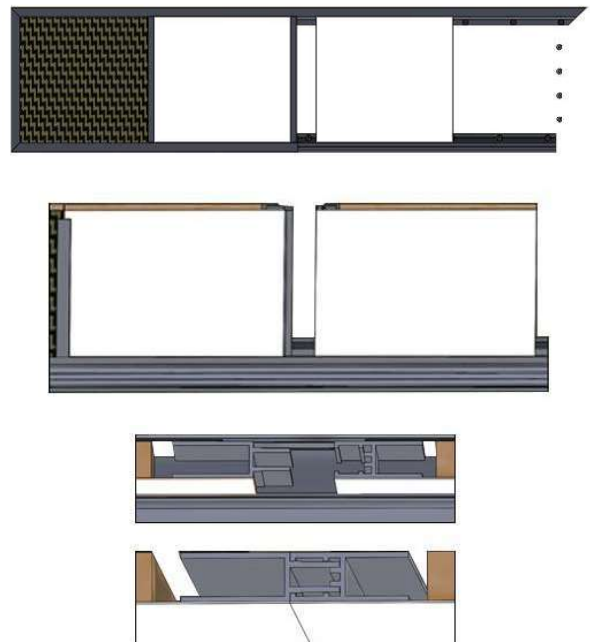
- 7** Install First Panel: Insert the left-most panel: If it's a spline board, make sure the tongue edge faces right. Slide the panel into the bottom frame. Push the panel flush against the left frame. Place $\frac{1}{4}$ "– $\frac{3}{8}$ " thick shims evenly across the bottom frame or tray to elevate panels, if needed.



- 8** Add Divider: If using an H divider bar, insert it between boards: Trim bar as needed to fit between top and bottom frames at the frame surface. Notch out the ends of the H-bar to fit between the top and bottom frames on the wall. Drill holes through the portion of the H-bar that touches the wall. Slide over the edge of the first panel. Secure H-bar to the wall.



- 9** Install Additional Panels: Repeat steps: Slide panels into the bottom frame, and slide into divider. For spline joints, align groove to the left and tongue to the right. Continue adding divider bars and panels as needed.



- 10** Reinstall Right Frame: Slide the notched right frame back into place under the existing screws. Use construction adhesive if extra hold is desired.



- 11** Install Map Rail (Optional) If required, mount the U-channel map rail to the top J-trim above the markerboard. Drill holes through map rail and frame to fit flat head screws. Countersink holes so screws can sit flush with base of map rail. Place map rail onto frame in desired location and screw to frame.



- 12** Insert Accessories: Slide inserts into the map rail. Add accessories (flag holders, map hooks, etc.). Attach end caps to map rails.