

Dividends Horizon® Frameless Add-Up Glass

Before starting installation of the Frameless Add-Up Glass product:

1. Make sure that the frames you are installing this on have the top trough. **(Fig. 1)**
2. Make sure that the panels in the workstation are all leveled out, plumb to the floor and that the inline joints are straight. Remove at least one side of the panel tiles before starting the process. **(Fig. 2)**
3. Break out the perforated trough data knock outs with pliers or vice grips on every panel that will have glass installed on top of it. **(Fig. 3)**

Note: If the top trough springs open after the knock out is removed, pinch it back to where it was before the tab was removed.

Fig. 1

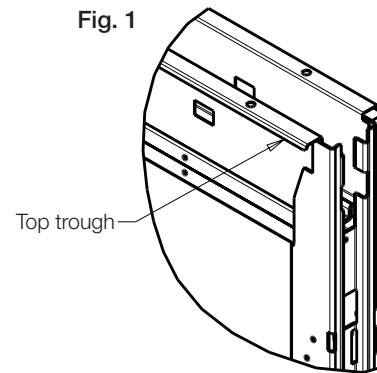
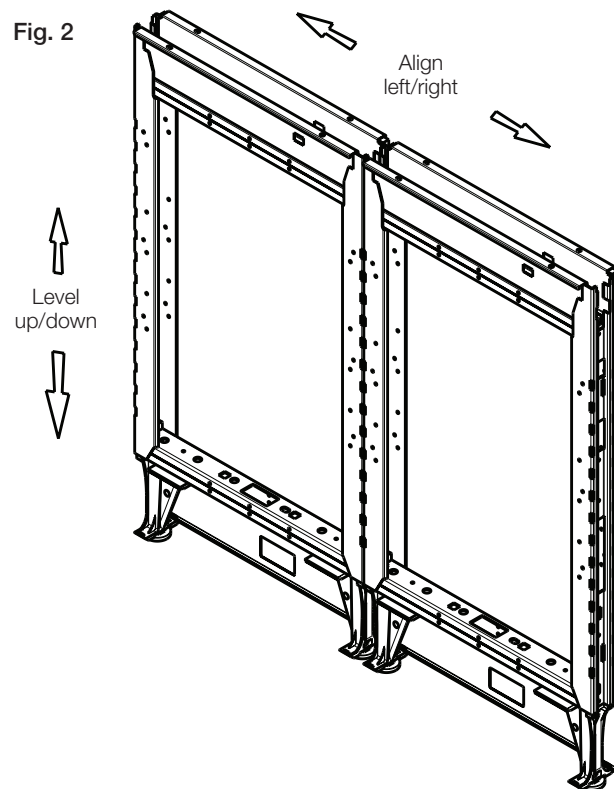


Fig. 2



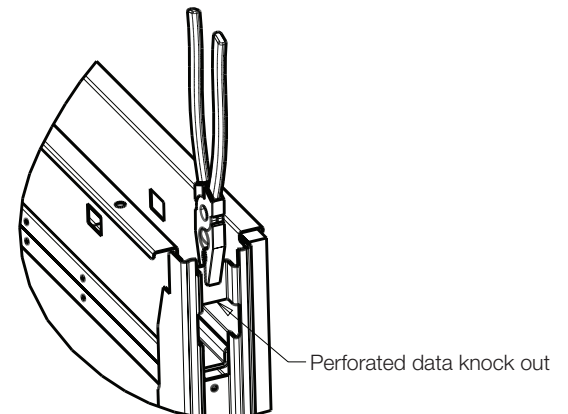
DISASSEMBLY FOR RECYCLING

Materials Identification and Segregation:

Where possible plastic components are marked with ASTM recycling codes. Use these codes to identify material type for recycling. Non-marked components should be treated as mixed plastic. Ferrous metals can be identified using a small magnet for recycling. Non-ferrous metals should be separated and recycled separately.

To disassemble product, reverse the above installation steps.

Fig. 3



Dividends Horizon® Frameless Add-Up Glass, continued

Before starting installation of the Frameless Add-Up Glass product (cont.):

4. Install all Post Trim Covers and Frameless Add-Up Glass Post Top Caps (with notches, ordered separately) (Fig. 4)

5. Install all Panel End Trim also.

Note: *Exception in the Hi-Lo Panel to Panel application* – the glass channel needs to be installed before the Hi-Lo Panel End Trim is installed. (Fig. 5)

Fig. 4

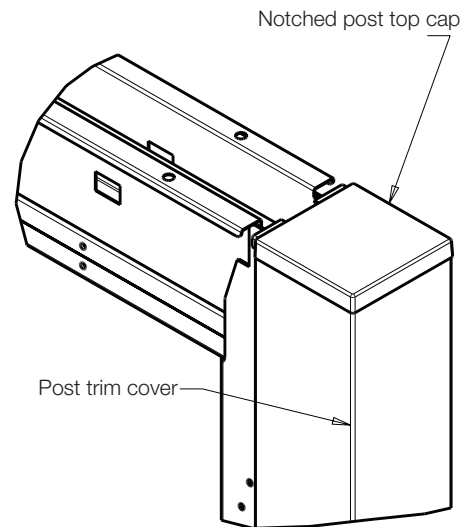
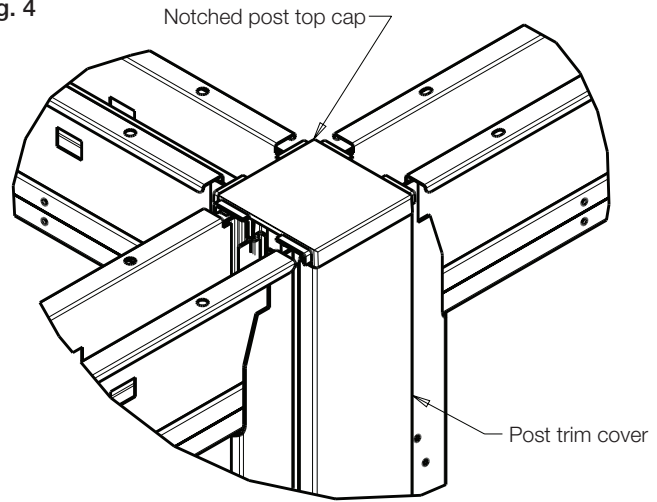
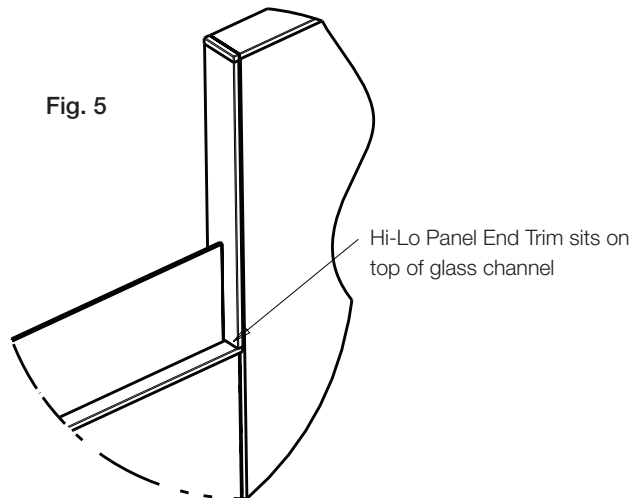


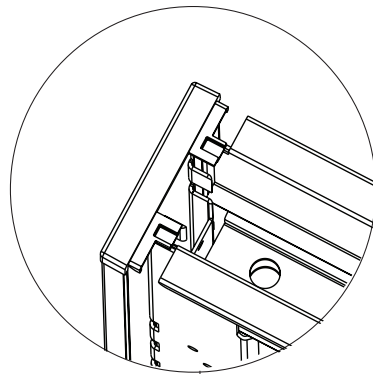
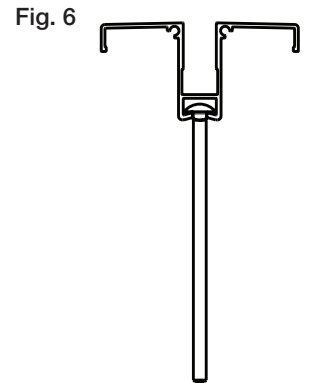
Fig. 5



Glass Channel Installation on Panel Frame

For single glass channel installations:

1. Slide the 2-4 carriage bolts into the bottom opening of the glass channel and slide them into position. (Fig. 6)
2. Place the glass channel on its side on top of the panel frame trough, slide bolts to align with the holes in the top rail. (Fig. 7)
3. Rotate glass channel until it is in line with the top trough and snap into place (like a top cap). Make sure all the carriage bolts are visible below the panel frame top rail. Install wing nuts onto the carriage bolts but **DO NOT TIGHTEN AT THIS TIME.** (Fig. 8a and 8b)



Panel end trim

Fig. 7

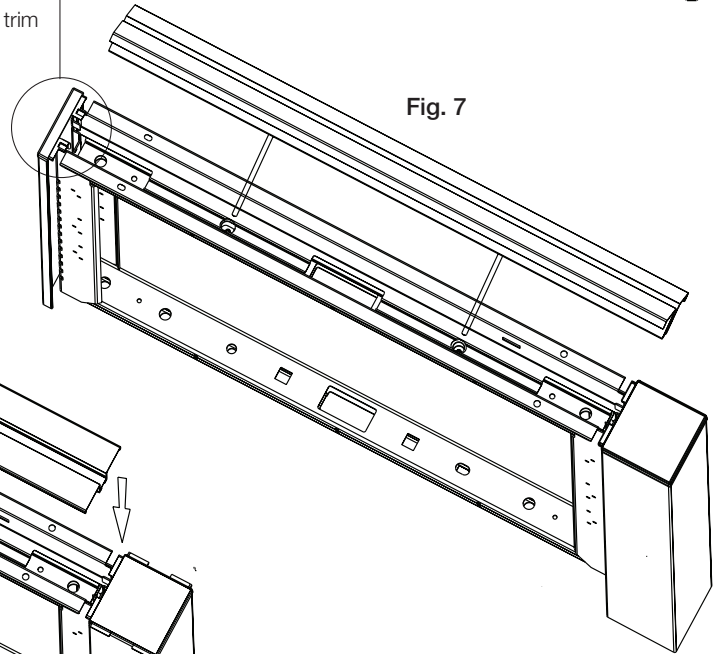


Fig. 8a

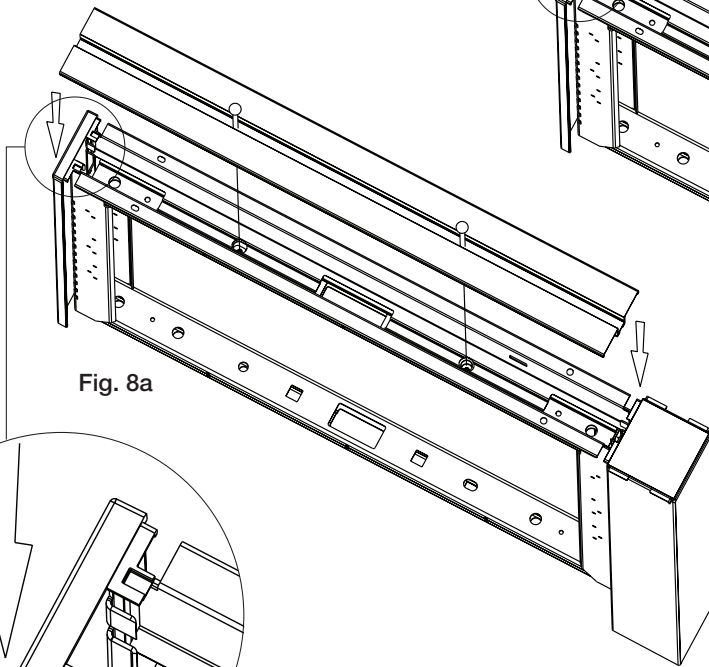
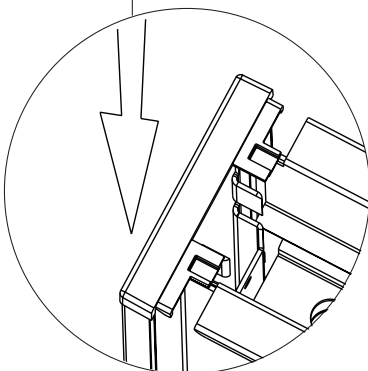
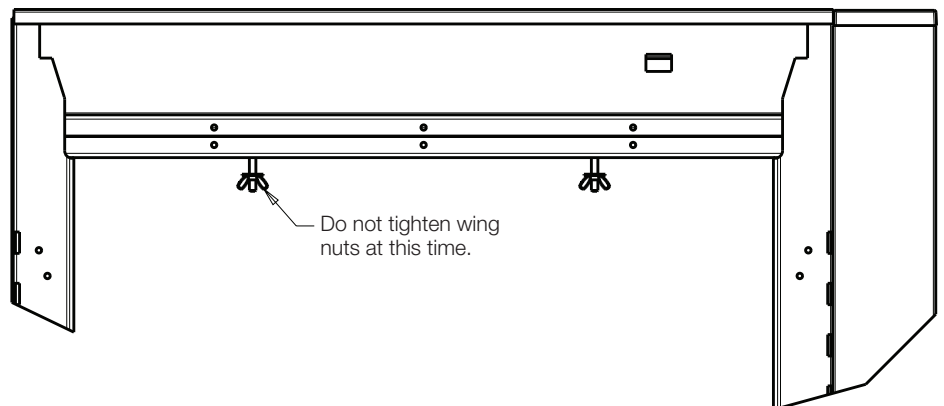


Fig. 8b



Panel end trim



Glass Channel Installation on Panel Frame, continued

For multiple glass channel installations:

1. Slide the 2-4 carriage bolts into the bottom opening of the second glass channel and slide them into position. **(Fig. 9)**
2. Place the glass channel on its side on top of the panel frame trough, slide bolts to align with the holes in the top rail.
3. Install roll pins into the features shown on the second channel. These are used to align the glass channels.
4. Rotate second glass channel until it is in line with the top trough and align the installed roll pins with the first channel, slide together and snap into position. **(Fig. 10)**

Fig. 9

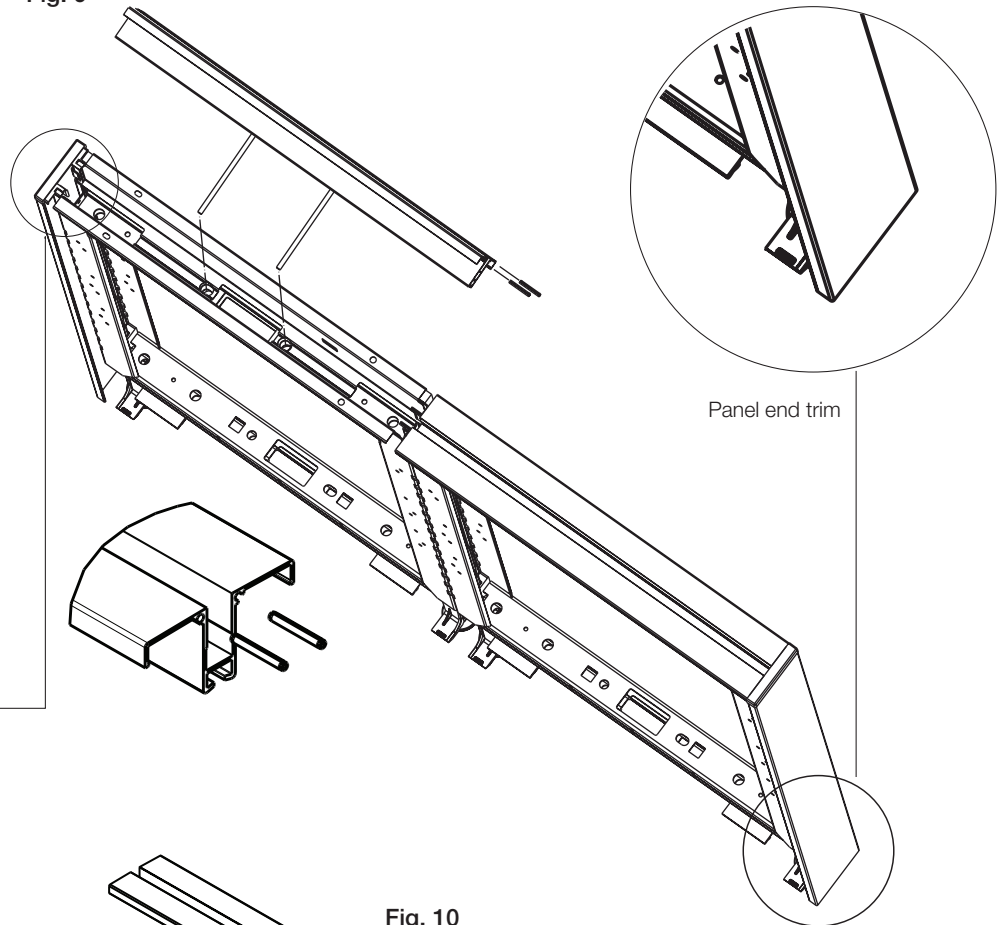
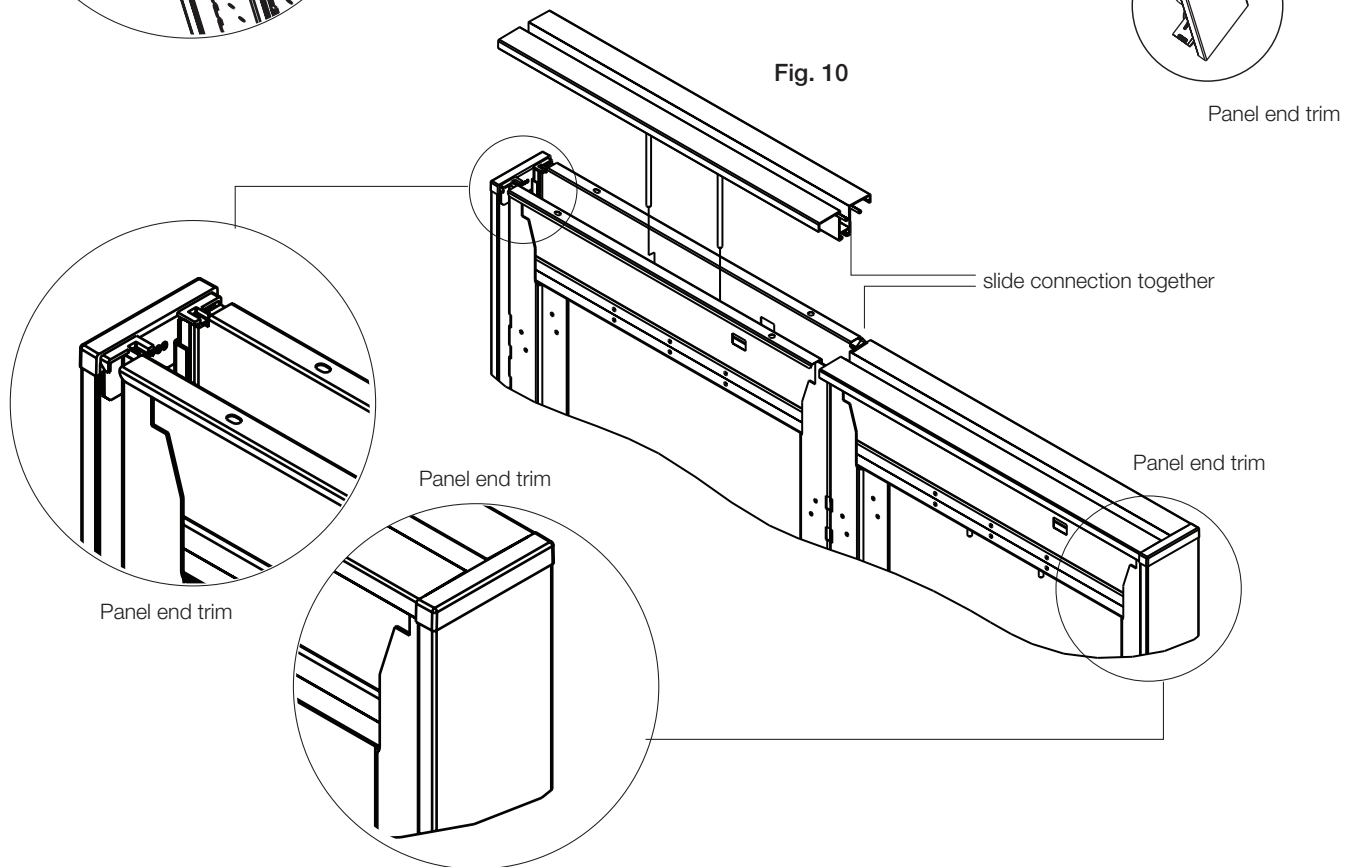


Fig. 10



Glass Channel Installation on Panel Frame, continued

For multiple glass channel installations
(cont.):

5. Make sure all the carriage bolts are visible below the panel frame top rail. Install wing nuts onto the carriage bolts but **DO NOT TIGHTEN**. (Fig. 11)
6. Install the glass bottom gasket. Drop it into the glass channels on an angle. Then push down into place (do this on all channels). (Fig. 12)

Fig. 11

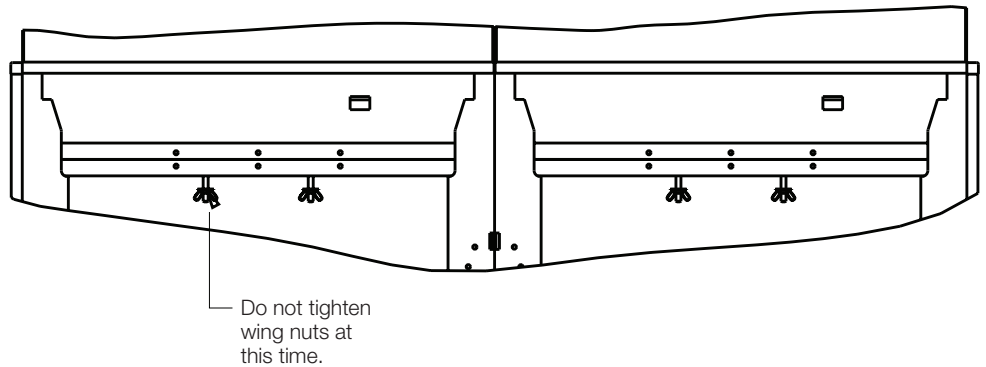
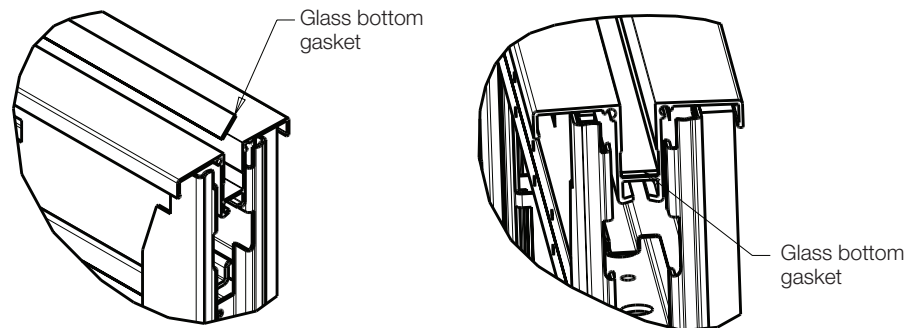


Fig. 12



1/2" Thick Glass Installation

For single glass installations:

1. Hold the glass inline with the glass channel opening, and carefully insert the glass into the glass channel opening. **Visually center the glass left to right in the channel and make sure the channel is centered on the panel opening.** then ensure that the glass is fully seated. (Fig. 13)

2. Hand tighten the wing nuts (starting at center and working outward). Tighten the wing nuts until the glass channel extrusion is pulled down flat/level to the Post Top Cap or Panel End Trim. (Fig. 14)

Fig. 13

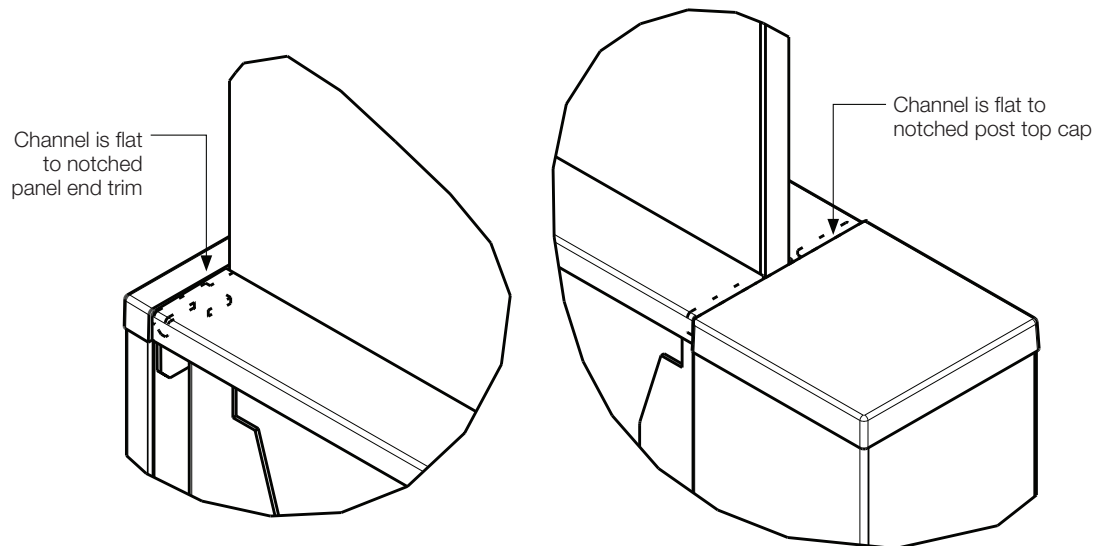
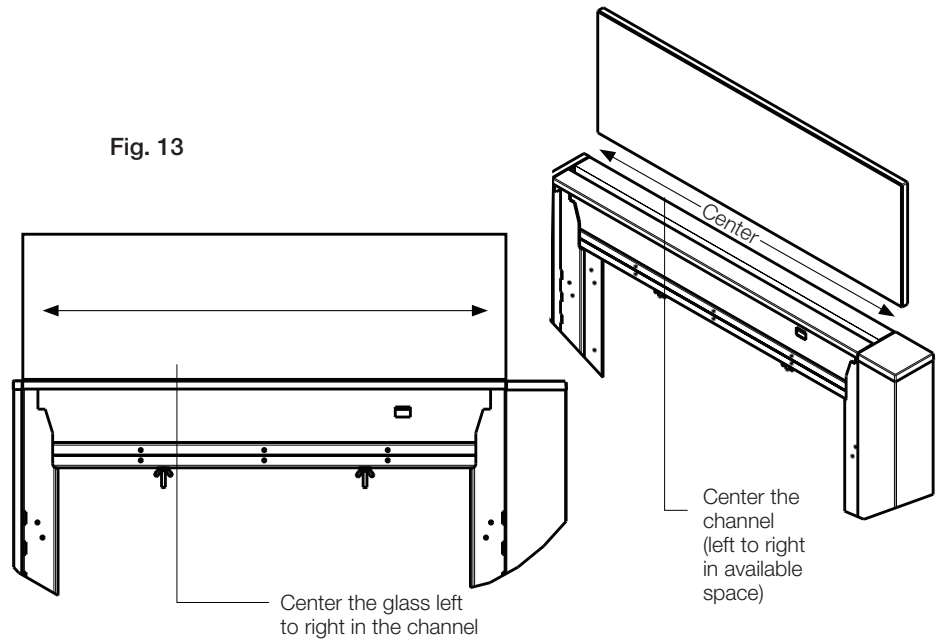
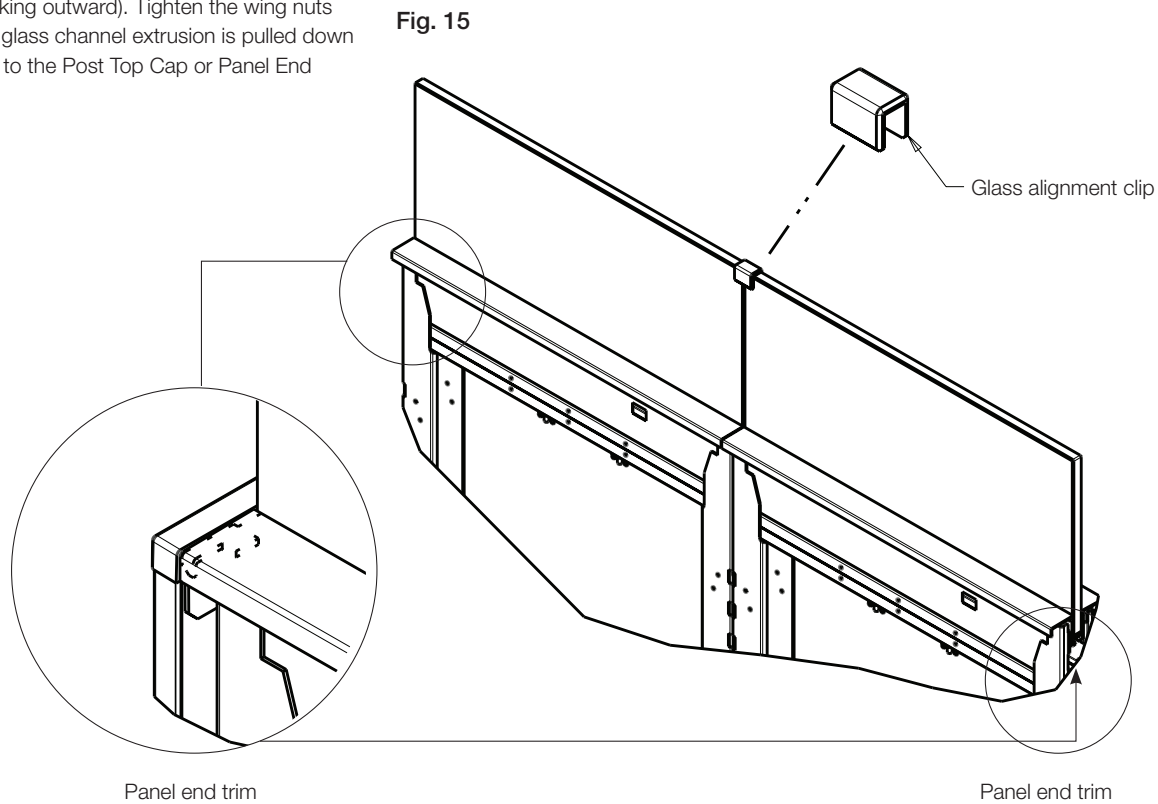


Fig. 14

1/2" Thick Glass Installation, continued

For multiple glass installations:

1. For multiple inline glass installations, leave the wing nuts of the installed glass loose until all of the glass in the run is installed. Make sure the channel gaps are evenly distributed throughout the available space. Make sure all of the glass **is centered left to right within its glass channel**. To ensure the tops of the glass panels align, install the included glass alignment clips at all inline joints. **(Fig. 15)**
2. Hand tighten the wing nuts (starting at center and working outward). Tighten the wing nuts until the glass channel extrusion is pulled down flat/level to the Post Top Cap or Panel End Trim.



3/8" Thick Glass Installation

Clear Tempered 3/8" Glass:

Fig. 16

1. Install the thicker black (has 3 lines running parallel to the long edge) 2 spacers with the ribs outward and down into the glass channel extrusion. (Fig. 16)
2. Carefully insert the glass starting at one end and angling it down until fully seated. **Visually center the glass left to right in the channel and make sure the channel is centered on the panel opening.** Then insure the glass is fully seated.

Note: If glass is difficult to seat, replace one of the thick black spacers with one of the thin grey spacers (2 lines). If there is more than one piece of glass in line, make sure that the thin grey spacer is always on the same side. (Fig. 17)

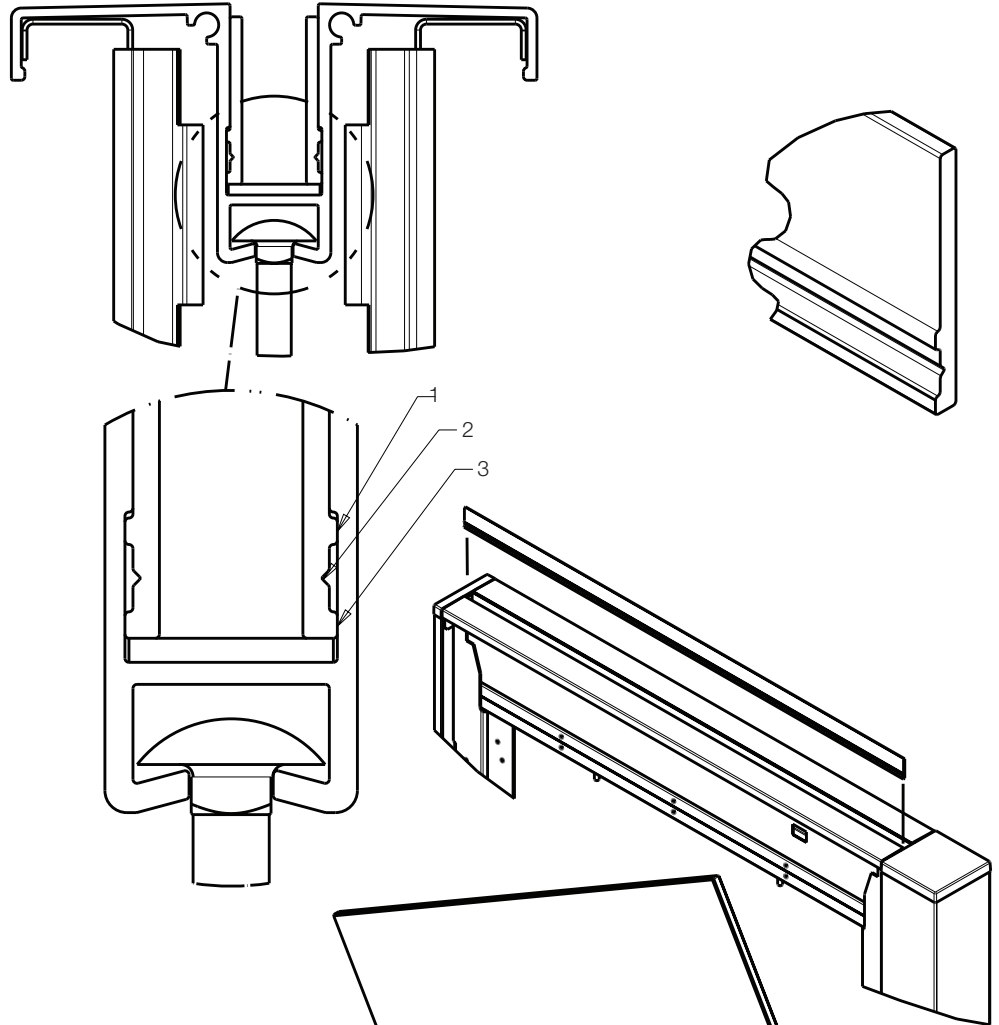
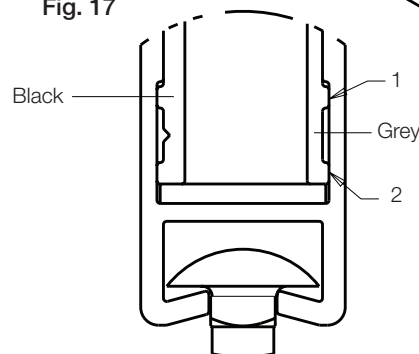


Fig. 17



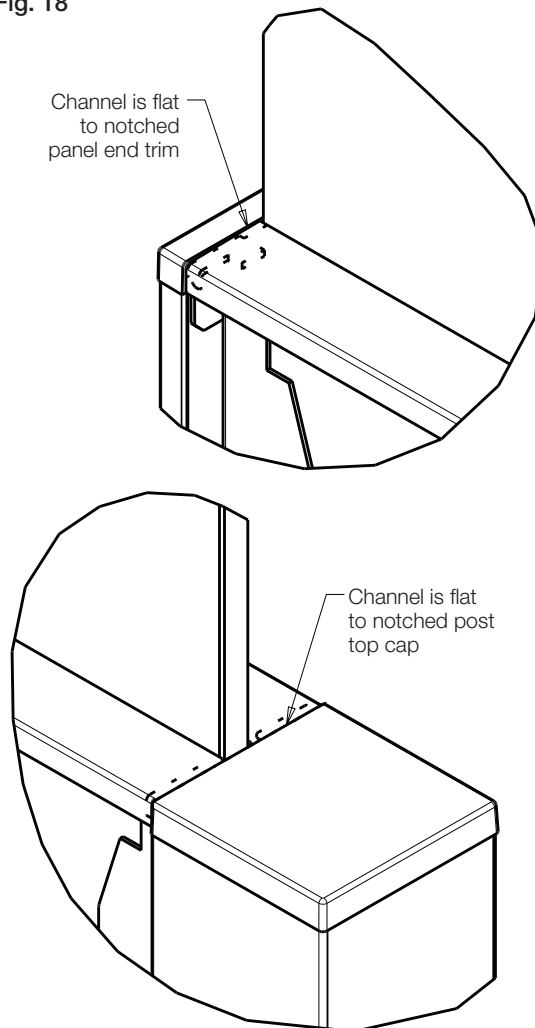
3/8" Thick Glass Installation, continued

Clear Tempered 3/8" Glass (cont.):

3. Hand tighten the wing nuts (starting at center and working outward). Tighten the wing nuts until the glass channel extrusion is pulled down flat/level to the Post Top Cap or Panel End Trim. (**Fig. 18**)

For Multiple inline glass installations, see p. 7

Fig. 18



3/8" Thick Glass Installation, continued

White (Powder) 3/8" Laminated Glass:

1. Install the thinner grey (has 2 lines running parallel to the long edge) 2 spacers with the ribs outward and down into the glass channel extrusion. (Fig. 19)
2. Carefully insert the glass starting at one end and angling it down until fully seated. **Visually center the glass left to right in the channel and make sure the channel is centered on the panel opening.** Then insure the glass is fully seated.

Note: If glass does not feel tight, replace one of the thin grey spacers with one of the thick black spacers (3 lines). If there is more than one piece of glass in line, make sure that the thick black spacer is always on the same side. (Fig. 20)

Fig. 19

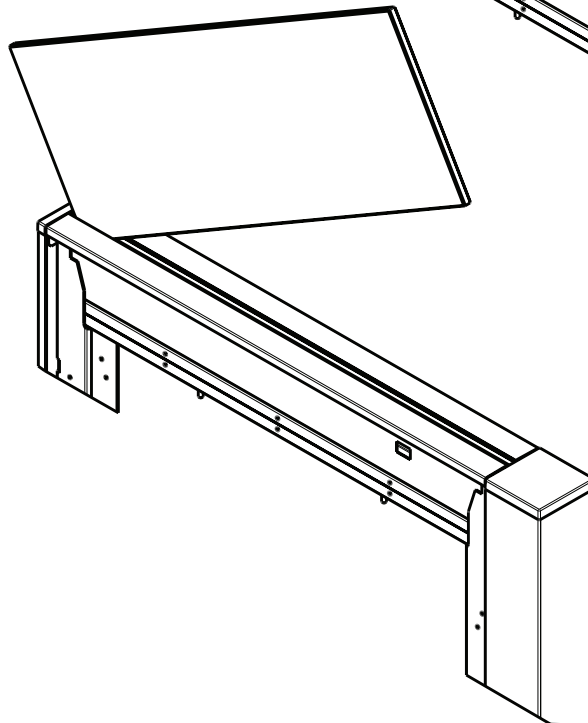
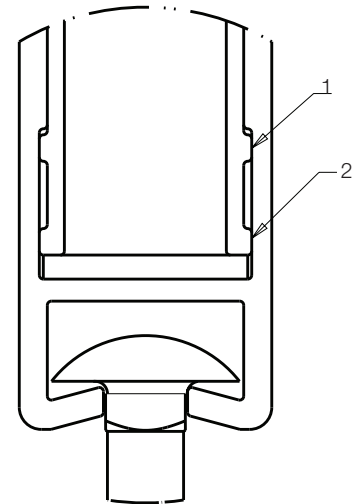
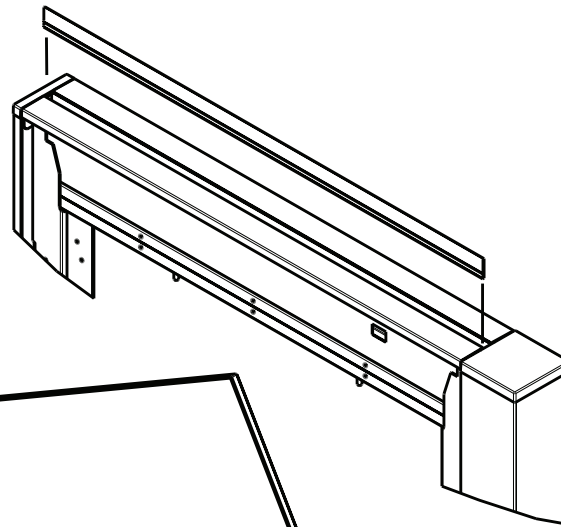
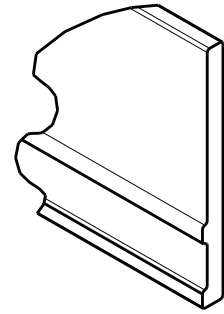
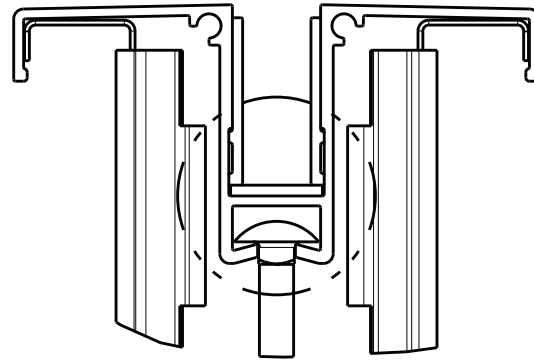
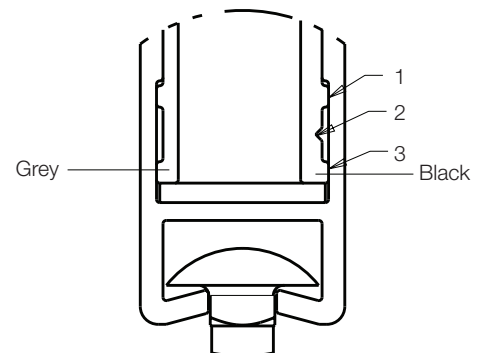


Fig. 20



3/8" Thick Glass Installation, continued

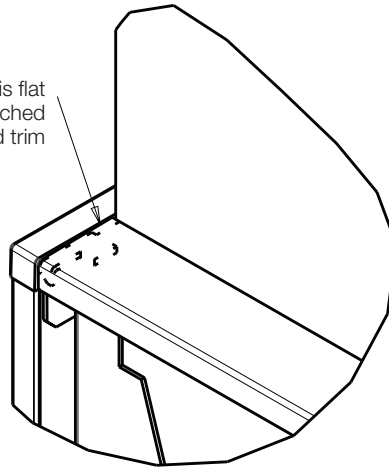
White (Powder) 3/8" Laminated Glass (cont.):

3. Hand tighten the wing nuts (starting at center and working outward). Tighten the wing nuts until the glass channel extrusion is pulled down flat/level to the Post Top Cap or Panel End Trim. (Fig. 21)

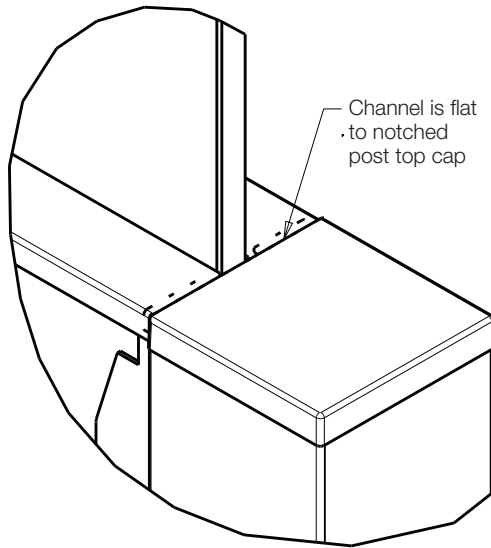
For Multiple inline glass installations, see p. 7

Fig. 21

Channel is flat
to notched
panel end trim



Channel is flat
to notched
post top cap



1/4" Thick Glass Installation

1. Install the thick 2 spacers into the glass channel extrusion as shown. (Fig. 22)
2. Carefully insert the glass starting at one end and angling it down until fully seated. **Visually center the glass left to right in the channel and make sure the channel is centered on the panel opening.** Then insure the glass is fully seated. (Fig. 23)

Fig. 22

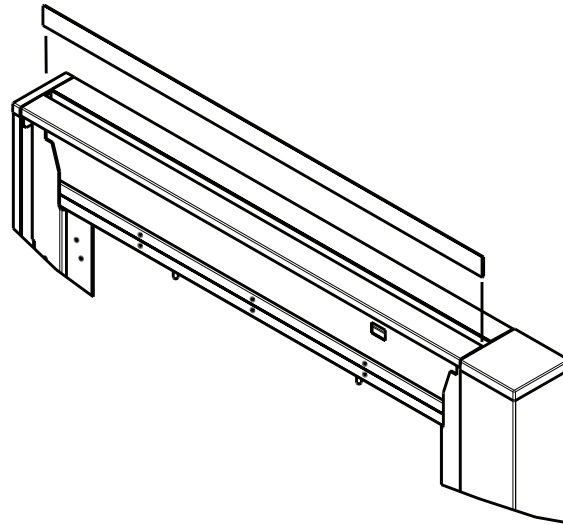
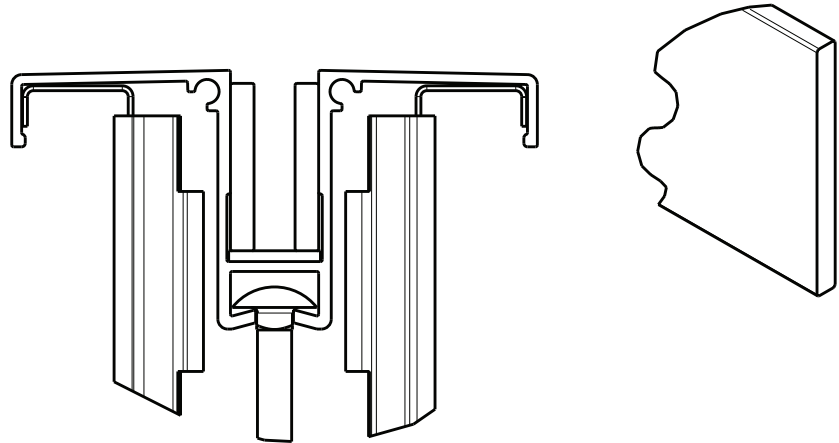
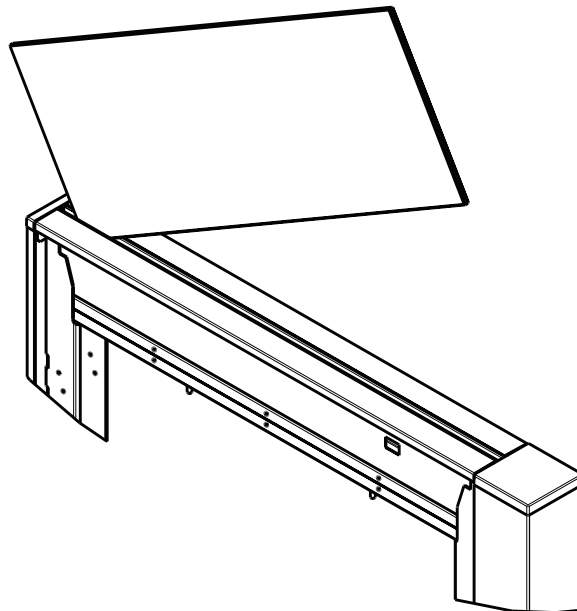


Fig. 23



1/4" Thick Glass Installation, continued

- 3 . Hand tighten the wing nuts (starting at center and working outward). Tighten the wing nuts until the glass channel extrusion is pulled down flat/level to the Post Top Cap or Panel End Trim. **(Fig. 24)**

For Multiple inline glass installations, see p. 7

Fig. 24

