

# Glass Window System

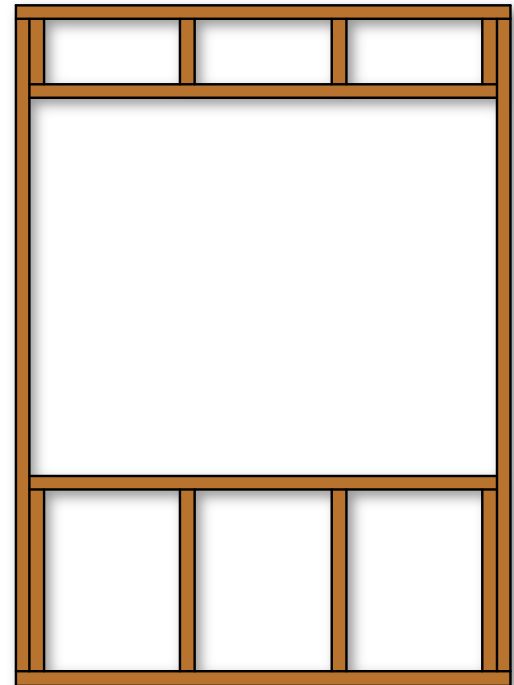
## Installing After Yurt Set Up (Retrofit)

### Parts List:

- Wood window frame
- Glass window
- Metal backer strips: #1 (x2 pcs), and #2 (x2 pcs)
- Metal exterior trim kit: B (x2 pcs) and E (x2 pcs)
- 1<sup>7</sup>/<sub>8</sub>" Truss head screw (x40)
- 2" White hex head screw (x15)
- 1<sup>1</sup>/<sub>4</sub>" Screw (x4)

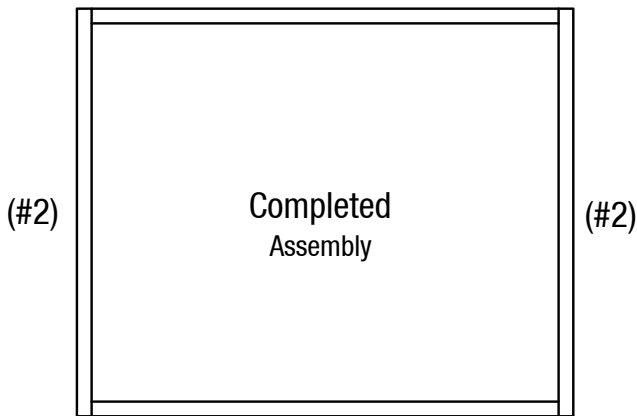
Note: Please read through the instructions and familiarize yourself with the components before starting.

### Wood Window Frame



### Metal Backer Strips

(#1)



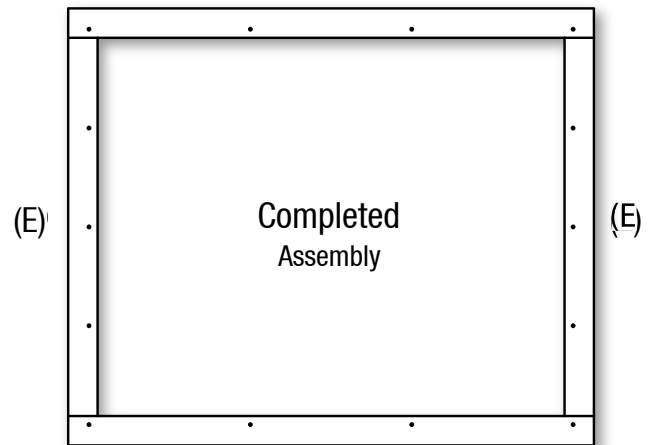
(#1)

Backer Top & Bottom (#1)

Backer Sides (#2)

### Metal Exterior Trim

(B)



(B)

Trim Top & Bottom Piece (B)

Trim Right & Left Side (E)

## Installing Glass Window Into an Existing Fabric Window

Important Note: Pacific Yurts' glass windows are each manufactured to fit a specific size. If you have yurts of different sizes it is important to be sure the correct window is being installed. Each window and wood frame have been marked to indicate the size of yurt it is designed to fit.

Before beginning you should make sure that your side cover is tight around the circumference of the yurt and relatively wrinkle free. If the cover is loose you should remove the screws (at the bottom) and tighten the side cover before starting the window installation.

### Tools needed:

- Electric drill with Phillips bit
- Reciprocating saw with fine-tooth blade
- 1/8" pilot drill bit
- Utility knife or scissors
- Pencil
- 1/4" Hex driver bit

1. From outside the yurt, remove the clear (fabric) vinyl window and then carefully cut and remove the bug screen from the window area on the side cover using sharp scissors or a utility knife.
2. Using a pencil, mark the window opening onto the outside of the lattice wall.
3. Loosen the wing nuts at the edges of your door frame (on the interior) in order to unclamp the side cover from the door frame. If you have multiple doors, this should be the door that is nearest the location where the new glass window is to be installed.
4. Remove the screws at the bottom of the side cover (on the outside) that anchor it to the platform, disconnect the side cover from the top cover cord and remove the side cover from the area where the glass window is to be installed.
5. Carry the wood window frame into the yurt and stand it up against the lattice wall making sure that the top of the frame is facing upward (the window opening is closer to the top). If the yurt has rafter supports (wall studs) or perimeter blocking (between the rafter supports) they should be removed in the area where the glass window is to be installed. The wood frame will require a space that is at least 51" wide.
6. Center the frame's window opening (left-to-right) on the outline you marked onto the exterior of the lattice wall. Have a helper hold the wood window frame tight against the interior of the lattice wall while you work from the exterior. **It is important to screw the lattice wall to the wood window frame (from the exterior) in as many places as possible with the 1-7/8" screws provided.** (Make sure you have at least 8-10 of these screws left over for step 8.)

Important Note: Be sure to drill pilot holes first to avoid splitting the lattice wall. You want the lattice wall to be well anchored to the frame since a portion of the structural lattice will be removed.

7. Using a reciprocating saw with a sharp fine-tooth blade, carefully cut and remove the lattice from the window area of the wood framework.

Note: Angling the cut slightly will make installing the window easier.



8. Two sets of metal strips have been provided with your window. The “backer strips” are all 1½” wide while the wider strips are the “exterior trim pieces”. The metal strips have a thin plastic film (to protect the painted surface) which can now be removed. From outside, align the longer of the backer strips with the top and bottom of the window opening, making sure the flat smooth surface of each strip faces toward the interior of the yurt.

**Note:** Set the bottom backer strip so it sits approximately ⅛” lower than the wood window sill.

Have a helper hold the backer strips in position while you drill pilot holes (to avoid splitting the lattice) and screw the backer strips through the lattice wall into the wood frame in at least two places per strip using the 1⅞” screws provided.

9. Now align the shorter backer strips with the left and right sides of the window opening and secure them into place after drilling pilot holes.
10. Reconnect the side cover to the top cover, pull the side cover tight so it is wrinkle free around the circumference of the yurt and re-clamp it into the door frame. Be sure the window opening in the lattice wall aligns with the side cover window.
11. From outside the yurt, slide the glass window into the opening, making sure the screen faces outward and the window is right-side-up. This can be confirmed by locating the two oval drain holes on the exterior of the window, which are located at the bottom.
12. Align the velcro on the window flange with the velcro on the side cover and press them together to provide a seal between the two.
13. With your helper outside the yurt pushing inward on the window, anchor the glass window into the wood frame from inside (two screws on each side) at the pre-drilled locations using the 1¼” screws provided.
14. From outside, align one of the shorter trim pieces with the right edge of the fabric window flange. The screw holes should be closer to the inner edge of the window than to the outer edge. Be sure the smooth flat surface of the metal trim faces outward (away from the yurt).
15. While your helper holds the right trim piece in position, drill pilot holes (at the screw hole locations) through the side cover and backer strips into the wood window frame. Fasten the right trim piece into position using the 2” hex head screws provided (in the three middle positions) leaving the two end-holes unoccupied.
16. Align the end-hole of one of the longer trim pieces with the top end-hole on the right trim piece and screw it into position using a 2” hex head screw before pre-drilling and screwing it at the middle two screw holes.
17. Slide the remaining short trim piece under the top trim piece so that its top end-hole aligns with the end-hole at the left of the top trim piece.





18. Secure it into position after drilling your pilot hole. Align the right end-hole of the bottom trim piece with the bottom end-hole of the right trim piece and secure it into position. Do the same with the left end-hole and the left trim piece. Pre-drill and anchor the trim pieces into position at the remaining holes.
19. If any perimeter blocking was removed in order to install the glass window you can now modify and re-install the blocking. It is very important that the blocking is continuous around the entire perimeter of the yurt to provide the structural support it was designed for.



Enjoy your beautiful new glass window system by Pacific Yurts!

