Glass Window System

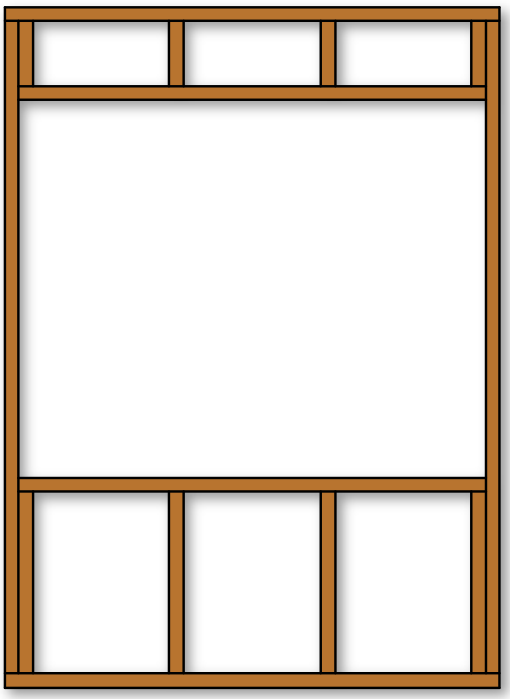
Installing After Yurt Set Up (Retrofit)

Parts List:

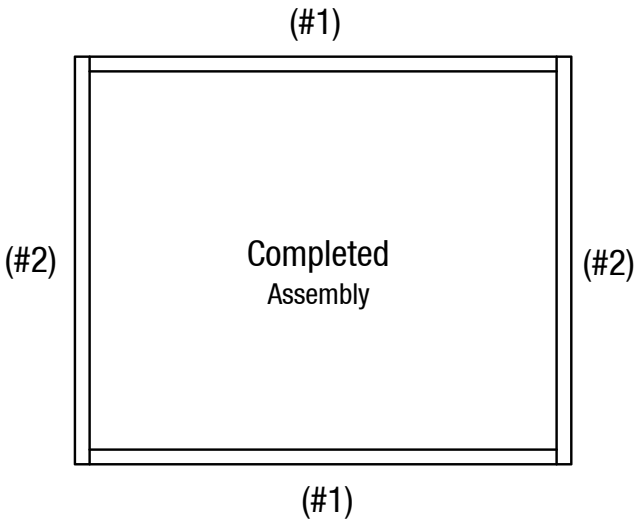
Wood window frame
Glass window
Metal backer strips: #1 (x2 pcs), and #2 (x2 pcs)
Metal exterior trim kit: B (x2 pcs) and E (x2 pcs)
1 7/8" Truss head screw (x40)
2" hex head screw (x15 for std, 19 for XL window)
Foam weather-stripping (x2 for std, x4 for XL window)
1¼" Truss head screw (x4 for std, x6 for XL)
Rafter anchoring bracket (x3)
1" hex head screw (x12)

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

Wood Window Frame



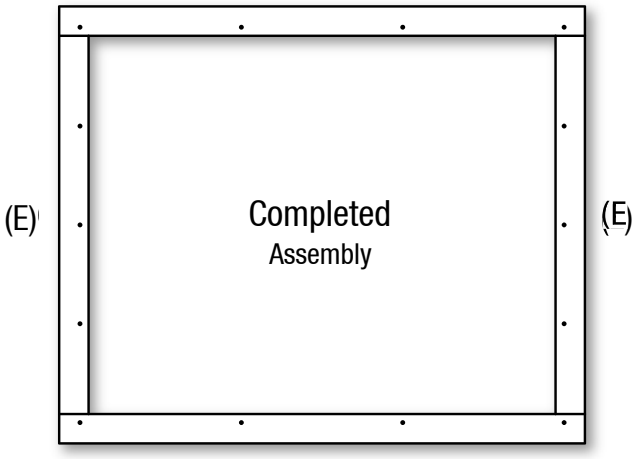
Metal Backer Strips



Backer Top & Bottom (#1)

Backer Sides (#2)

Metal Exterior Trim



Trim Top & Bottom Piece (B)

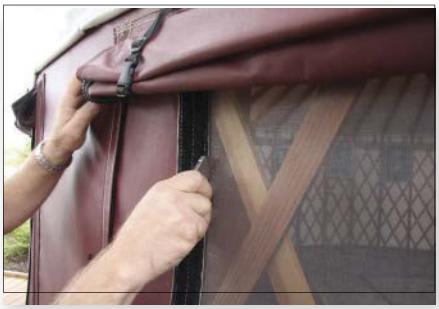
Trim Right & Left Side (E)

Installing Glass Window Into an Existing Fabric Window

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

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 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.

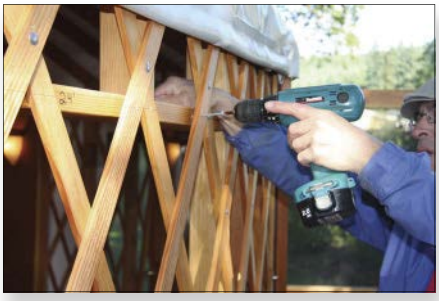


4. Remove the screws at the bottom of the side cover (on the outside) that anchor it to the platform, disconnect the side cover from the top cover cord and remove the side cover from the area where the glass window is to be installed.
5. Carry the wood window frame into the yurt and stand it up against the lattice wall making sure the top of the frame is facing upward (the window opening is closer to the top- except on the XL window). 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 (or use clamps) 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 leftover for step 9.)

   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. Depending on the placement of your window frame there will be 2 or 3 rafters above it. Brackets and screws have been provided for anchoring the rafters to the backside of the window frame's header.

8. 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.
9. Two sets of metal strips have been provided with your window. The "backer strips" are all 1-1/2" 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 48" long 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 1/8" 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 1-7/8" screws provided.
10. Now align the 41-5/8" (62-5/8" for XL) backer strips with the left and right sides of the window opening and secure them into place after drilling pilot holes.
11. Reconnect the side cover to the top cover, pull the side cover tight so it it 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. Reinstall the screws to anchor the bottom of the side cover to the platform.
12. 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.
13. With your helper outside the yurt pushing inward on the window, anchor the glass window into the wood frame from the inside (two screws on each side for std window, three for XL) at the predrilled locations using the 1-1/4" screws provided.
14. Foam weather-stripping has been provided, which should be attached to the backside of the fabric flange (between the window flange and the side cover) on the right and left sides of the window. Once the metal trim pieces have been installed (steps 15-19) the foam will assure a good seal against the side cover.
15. Align the 53-11/16" long bottom trim piece with the bottom sill of the window frame, and then move it down about 1/8". The screw holes should be closer to the inner edge of the window than the outer edge (see diagram on page 1). Be sure the smooth flat surface of the metal trim faces outward (away from the yurt). While your helper holds the bottom 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 bottom trim piece using the 2" hex head screws provided (in the two middle positions) leaving the two end-holes unoccupied.
16. Align the end-hole in one of the 44-5/8" (65-5/8" for XL) long side trim pieces with one of the end-holes on the bottom trim piece and screw it into position using a 2" hex head screw before predrilling and screwing it at the middle screw hole.













17. Now align the bottom end-hole in the remaining 44-5/8" (65-5/8" for XL) side trim piece with the other end-hole on the bottom trim piece and screw it into position using a 2" hex head screw. Do not install additional screws into this piece of metal trim until after fastening the top trim piece into position (steps 18 & 19).
18. Now align an end-hole on the 53-11/16" long top trim piece with the end-hole of the first side trim piece you installed making sure the side trim piece is pressing against the fabric flange and the top trim piece is pressing on it. Screw them into position after drilling your pilot hole.
19. Next, align the other end-hole of the top trim piece with the end-hole at the top of the other side trim piece and screw them into position making sure the side piece presses onto the fabric flange and the top trim presses onto it. Be sure to drill your pilot hole first. You can now drill pilot holes at all of the remaining hole locations and install the remaining hex head screws.
20. 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!

