



## Replacing Door & Frame

(For yurts made prior to May 2000 -Classic or Classic Tall)

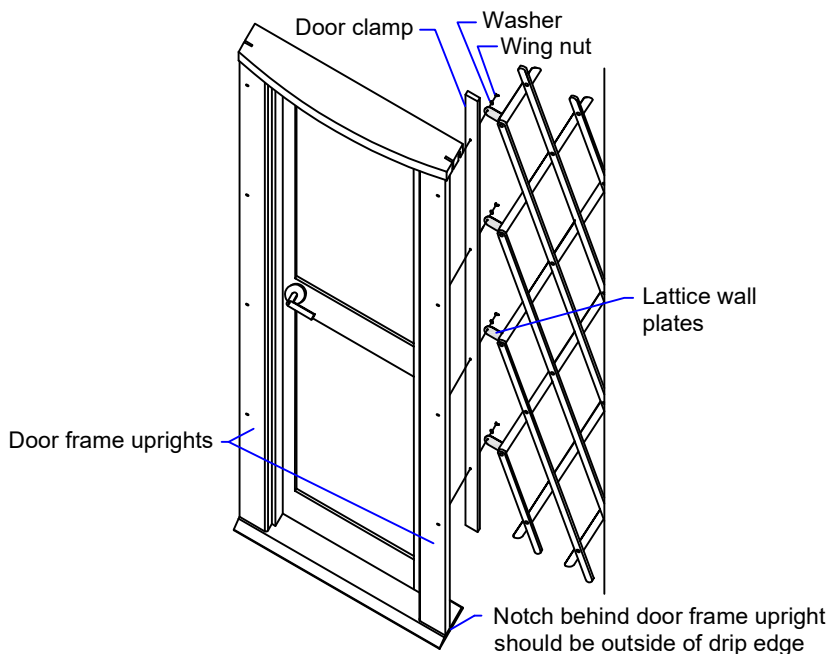
Note: "Classic" refers to yurts with doors that are approximately 67" tall and "Classic Tall" refers to doors that are approx. 76" tall.

Our door frame was redesigned in May of 2000, which changed the way that the lattice wall anchors to the door frame. Because of this some new hardware will need to be installed onto the lattice wall and the lattice wall will need to be adjusted to widen the door opening, both of which will be covered in the steps below.

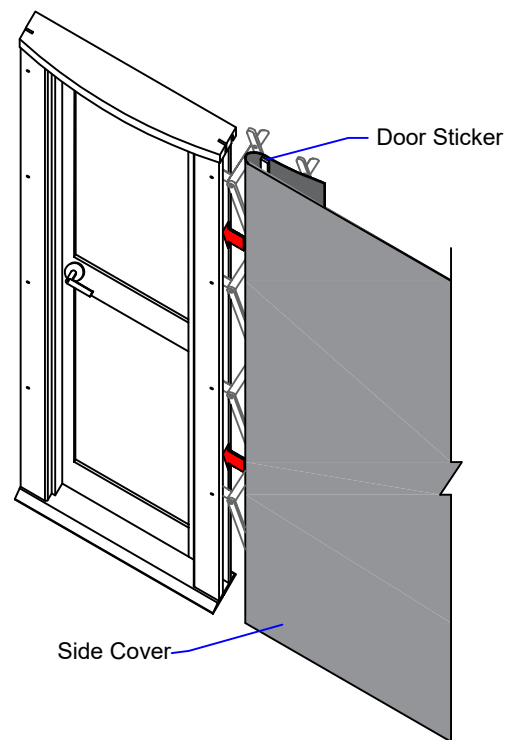
1. The first step is to remove your existing door & frame. To do this you will need to go inside the yurt. Remove the wing nuts, washers and 1x4 wooden door clamps from the door frame.
2. Remove any screws anchoring the door threshold to the platform as well as any screws anchoring the door header to the rafters above.
3. From outside the yurt, disconnect the top cover from the door header (the twist locks) and cut or untie the top cover valance cord that is anchored to the door frame.
4. Now the entire door frame can be pulled out of the yurt. The rafters above the door will sag downward, but will be supported by the tension cable.
5. Using a  $\frac{1}{4}$ " bit, drill through the center of the rivets on the lattice wall "elbows" that protrude into the doorway to remove those rivets (see photo on page 3).
6. Install a round head bolt (provided) through the (former) rivet hole in the lattice wall elbow (from outside the yurt) and then through the round hole on the metal plate (provided) making sure the bend in the plate follows the curvature of the yurt. Place an internal tooth lock washer onto the end of the bolt followed by a flat washer and acorn nut. Install the same hardware onto all of the remaining elbows on the lattice wall.
7. You will need to shift the lattice wall to create a wider opening for the new width of the replacement door and the fact that the lattice wall will connect to the door frame in a different manner. The oval hole in the end of the lattice-to-door plate is where the door frame bolts (with the wing nuts) on your new door will be installed. Measure the distance between the bolts on your new door frame. This will be the approximate width of the opening needed in your lattice wall for the installation.
8. Remove the screws at the bottom of your exterior side cover 10-15 feet from either edge of the door opening so you can access the nearest lattice wall anchoring brackets. Remove the screw that fastens these brackets to the platform. If your yurt has the snow & wind kit you will also need to remove the screws going through the lattice wall into the rafter supports (vertical studs).
9. Once the anchor screws have been removed you can shift the lattice wall to widen the opening for the door. If the lattice wall does not move enough you may need to remove more screws around the side cover, lattice and from rafter supports to free it up.
10. Your new door frame includes fascia boards ( $\frac{5}{8}$ " x  $2\frac{1}{2}$ " ), which clip into the door frame on each side to cover the connection between the door frame and lattice wall. Stand your new door up and remove the fascia boards, wing nuts and washers, but not the wood door clamps. The wood strips labeled "door stickers" can be set aside for now. They are used when clamping the side cover into the door frame.

11. The new door can now be slid into the door opening in the yurt. Note: You will need to have someone lift the rafters above the door while you push the door into position.
12. Once the door is in position, slide the end of the lattice-to-door plates onto the door frame bolts and replace the washers and wing nuts (loosely).
13. Notice that there is a notch in the door threshold directly behind the door frame uprights. Position the door threshold so that this notch is outside of the drip edge on your platform (see diagram). The notch allows the side cover to extend below the threshold. Anchor the threshold to the platform using the screws provided.
14. Check to make sure the door is plumb (vertical) and square in the door frame before anchoring the door header to the rafters resting on top of it.
15. Fold the side cover around the wooden door sticker (piece of lath) and tuck it into the edge of the door frame making sure any slack in the side cover has been removed. Now tighten the wing nuts securely to clamp the side cover into the door frame (between the wooden door clamp and the door frame upright).
16. Notice that three small pilot holes have been drilled into each of the door clamps. Install the provided 2" screws through the holes to secure the door stickers in place.
17. New twist locks have been provided for fastening the top cover to the new door frame. Be sure to drill a pilot hole before screwing them into the door header.
18. Two eye screws have been provided, which should be installed into the edge of the door frame uprights just behind the top cover valance. These eye screws are where your top cover valance cord is to be tied off.

#### Attaching Door Frame



#### Attaching Side Cover





1. Old-style door frame attachment to lattice wall.



4. Rivets on elbows are removed.



2. Entire door frame pulls out of the yurt.



5. New hardware is bolted onto elbows.



3. Yurt without door frame



6. New hardware attaches to new door frame.