

ASSEMBLING AND SETTING FRONT PORCH GABLE TRUSSES

The porch beams have been attached to the house and are now supported by temporary posts.

MATERIALS:

Front porch Gable Truss and Plans
2-sheets of OSB
Chords, power, circular saw
Chalk box
Loose 8d nails
6' level

PREPARATION:

Check the side beams for level before moving to the next step. Place a level on top/bottom of the side beam(s) and shim under the temporary posts, as needed, to level side beam(s).

Place the porch gable truss on 3 sawhorses, with 2 near the ends and 1 supporting the peak.

In this step, the truss will be covered with OSB and the gable rack attached prior to lifting into place. **OR**

Temporarily attach the OSB, make the necessary cuts and raise the Gable Truss and nail into place. Then install the pre-cut OSB and Gable Rack.

Measure the width of the front porch beam. The OSB will extend past the bottom of the truss by this dimension, **about 9 ¼"**.

ASSEMBLY:

Place a full sheet of OSB, horizontally, with the RIGHT edge of the OSB, **centered on the center web** of the truss.

Measure UP from the bottom edge, by the width of the beam – ¼", at each end of the OSB.

Snap a chalk line between the 2 points. **This line will be justified to the bottom of the truss so the OSB will cover the porch beam.**

Measure up an additional 2" from the previous chalk line and snap another chalk line.

This is a "NO NAIL ZONE" so the truss can be placed and nailed to the truss backer on the beam, without interference from nails.

With 8d nails, nail the first sheet of OSB to the truss, 6" OC on the edges and 8" OC in the field.

NOTE: No nails in the NO NAIL ZONE.

Place a 2nd sheet of OSB on the truss, with the LEFT edge of the OSB against the first sheet, justified with the same snapped lines as sheet 1 and nail to the truss.

Snap a line 1/8" down from the top of the truss and cut the overhanging OSB.

Use the cutoffs to fill in at the peak and the tails of the truss and cut as needed.

ATTACH GABLE RACKS AND PORK CHOPS

The next step is to attach the pre-built gable racks.

Place on the wall, with the tail matching the truss tail. Check for fit at the peak of the truss.

If OK, **start** nailing at the **TAIL end** after aligning the truss tails and top edge of the truss, with 16d's, 2 per "stud" bay, along the **top** of the truss.

Also nail on the **lower side** of the gable rack, in to the truss webs, at 24OC.

Using a framing square, check that the gable racks are at 90 degrees (a right angle) to the wall. Adjust/cut the peaks to correct and nail together with 2- 16d's.

If pre-cut pork chops are available, install, in pairs at bottom of gable rack, flush with the truss tail/end.

Nail the 1st PC to the wall with 1 nail in to the wall and 1 nail through the bottom of the PC in to the Gable Rack...

Use a framing square to transfer the rear of the 1st PC to the top of the gable rack.

Check for fit, cut as needed and install the top PC.

Cut/Install a piece of OSB, 9 x 11 3/4", to the back side of the pork chop, with 4-8d nails.

If pre-cut pork chops are not available, see Building House Gable Walls elsewhere in the Manual for layout instructions.

INSTALLATION

Cut out small slot on either side of the truss web, about 1' below the gable rack.

Call for the SkyTrack to lift the assembly on to the porch beams. Adjust side to side. The truss tails on the Porch Gable **MUST** match the House Truss Tails.

Nail thru the OSB/Truss, in the **"NO NAIL ZONE"**, into the truss backer on the beam, with 16d's every 6-8" across the wall.

Also, nail through the OSB into the porch beam, 6" OC around the edges and 8" in the field, with 8d nails.

Plumb the Porch Gable truss and nail a piece of 1 x 4 from the Porch Gable Truss to the House Gable Truss, near the peak, with 4-8d nails.

2 additional trusses will now be set on the porch beams.

Pull the layout, 24oc, for these trusses from the 2nd truss **INSIDE** the house. **SEE ATTACHED DIAGRAM**

Mark the top of the beam with a line and the "X" towards the street. Transfer these layout marks to the 1 x 4 and the opposite side Beam .

Place an 8d nail in the end of the 2nd truss **INSIDE** the house and the end of the Porch Gable Rack.

Run a dry line between and attach to the nails, **with the string line tight to the tails.**

Lift the trusses in to place and align to the layout mark on the beam, covering the X, **with the tail touching the dry line.**

Nail the truss to the beam and to the 1 x 4, at 24OC.

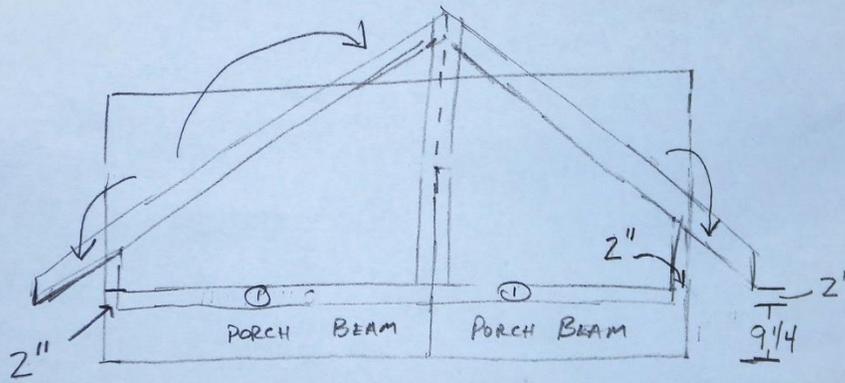
Lift the 3rd truss in to place and follow the same procedure as for the 2nd truss.

Install a 2 x 4 "Rat Run" from the gable truss to the house wall and a diagonal brace from the top of the gable truss to the "rat run", near the house wall. Nail securely with 16d's.

Continue the sheeting from the house roof, with plywood clips and 8d nails.

TT 1/18/2015

OSB LAYOUT PORCH GABLE TRUSS



① NO NAIL ZONE UNTIL TRUSS ASSEMBLY INSTALLED

LAYOUT + SETTING PORCH TRUSSES

