



N Structure Kit TWO-STORY FRAME HOUSE 933-3888

Thanks for purchasing this Cornerstone kit. All parts are styrene so use compatible glue and paint to assemble and finish your model. Please take a few minutes to read these instructions and study the drawings before starting construction. PLEASE NOTE: Two optional front walls, four doors and two styles of porch are provided for easy customizing. With paint and additional details (sold separately), you can use several of these kits in the same scene to model a complete neighborhood.

The Industrial revolution led to major changes in home design and construction across America. Western sawmills turned out lumber, eastern factories produced all kinds of hardware and building materials, and railroads delivered them virtually everywhere. As tastes and styles of the Victorian Era evolved, two unique styles of homes began appearing in towns of every size. Wealthy homebuyers opted for large custom-designed and built structures, with virtually every exterior surface decorated with factory-made "gingerbread" trim. For the new middle class, a simpler and sturdy design became popular, constructed around an internal frame of 2 x 4" (5 x 10.1cm) studs that could be quickly and easily nailed together. Built by and for folks with smaller budgets and growing families, these two-story houses were ideal for city lots, with a bedroom for a cook, a dining room, parlor and kitchen on the lower level, and most of the bedrooms on the second. Influenced by earlier designs, steeply pitched roofs that shed rain and snow, and a front porch to provide shade were common as well. Inspired by their wealthier neighbors, many older homes were modernized and new homes built with a bit of gingerbread where it was easily seen from the street. For most, the front porch became the focal point, with fancy turned wood posts, elaborate railings, and scrollwork trim along the ceiling. While tastes changed, the houses themselves stood the test of time, and were gradually remodeled and modernized with electrical and gas service, indoor plumbing, central heat and other advances as the years passed. Built from about 1870 to 1910 and still lived in today, homes of this style are collectively known as "Folk Victorians" to differentiate them from the more elaborate "Victorian Home," and can still be found all across the US. Your new kit is a great way to model a new suburb in the steam era, or an older residential neighborhood in the present. Similar homes were also built for farm families. Different front walls, doors and porch details are included to make customizing quick and easy, and additional kits (each sold separately) can be built using the different parts for even more variety. See your local hobby shop, the current Walthers HO Model Railroad Reference Book or visit us online at walthers.com for additional ideas and accessories to complete your model.

DOORS & WINDOWS

Acetate is provided for window glass. Glue Windows and Doors to the outside of each Wall as shown. Cut acetate slightly larger than Windows and Doors glue in place with white glue.

Front Walls

PLEASE NOTE: Two different Front Walls (5 or 6) are provided, choose one. Entry Doors (24, 25, 26 and 27) are interchangeable and can be used on the Front or Back Wall as desired.

Optional Front Wall #5 - Four Single Windows: Attic Window (30), Single Windows (4x 28), Door - choose one: 24, 25, 26 or 27.

Optional Front Wall #6 - One Double & Three Single Windows: Single Windows (3x 28), Double Window (29), Door - choose one: 24, 25, 26 or 27.

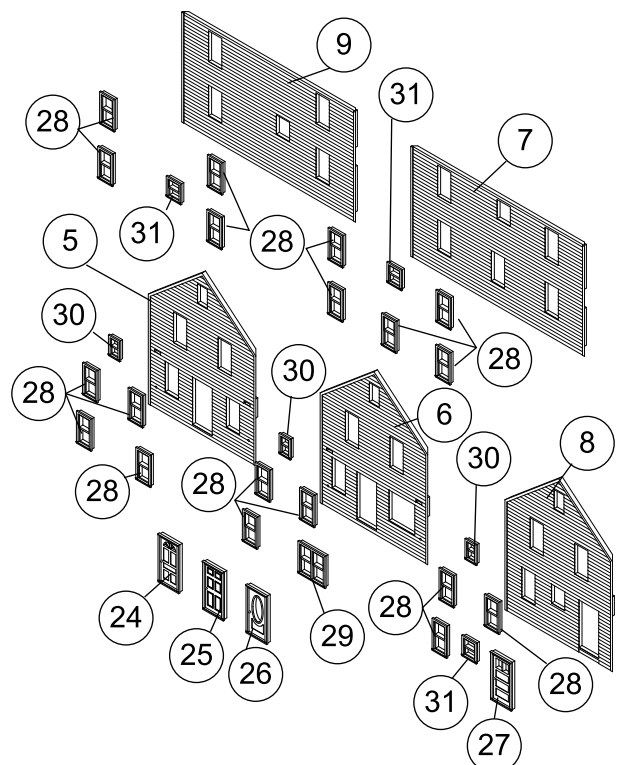
Side Walls

#9: Single Windows (4x 28), Small Window (31)

#7: Single Windows (5x 28), Small Window (31)

Rear Wall (8): Single Windows (3x 28), Small Window (31), Attic Window (30), Door - choose one: 24, 25, 26 or 27.

Basement Walls: Basement Windows (5x 38) as follows: Side Walls (2x 2- two each #38), Rear Wall (4, 1x #38).



MAIN STRUCTURE

1) Using the raised ridges on Base (1) as a guide, glue Front (3) Side (2x 2), and Rear Basement Walls (4) to Base and inside corners where parts meet as shown and allow to dry.

2) Use vertical tabs and slots on backs of walls to align parts, and glue Front Wall (5 or 6: #5 is shown), Side Walls (7, 9) and Rear Wall (8) to tops of Basement Walls and at inside corners where parts meet.

3) Using the small pins on the underside of the Right (34) and Left (35) Roof Halves, align both parts and glue together where edges meet. The completed Roof can be set in place to add lights or interior details (sold separately), or glued in place.

5) Glue Chimney (22) to inset mounting point on Roof.

6) FRONT PORCH

PLEASE NOTE: Installation of either the Flat or Arched Porch is identical on either Front Wall; #5 is shown. The smooth side of both Soffits (18, 19) is the top.

6A - Flat Roof:

6) Note the angled edge of Flat Roof (21) is the front. With the engraved side facing outward, Align Right (37) and Left (38) Angled Trim Pieces with raised ridges on underside of Roof and glue where parts meet. Align square plug with opening at top front, and inside edge of Angled Trim to raised ridges on sides of Flat Soffit (19) and glue where parts meet.

6B - Hip Roof:

Glue Hip Porch Roof (20) to top of Hip Roof Soffit (18).

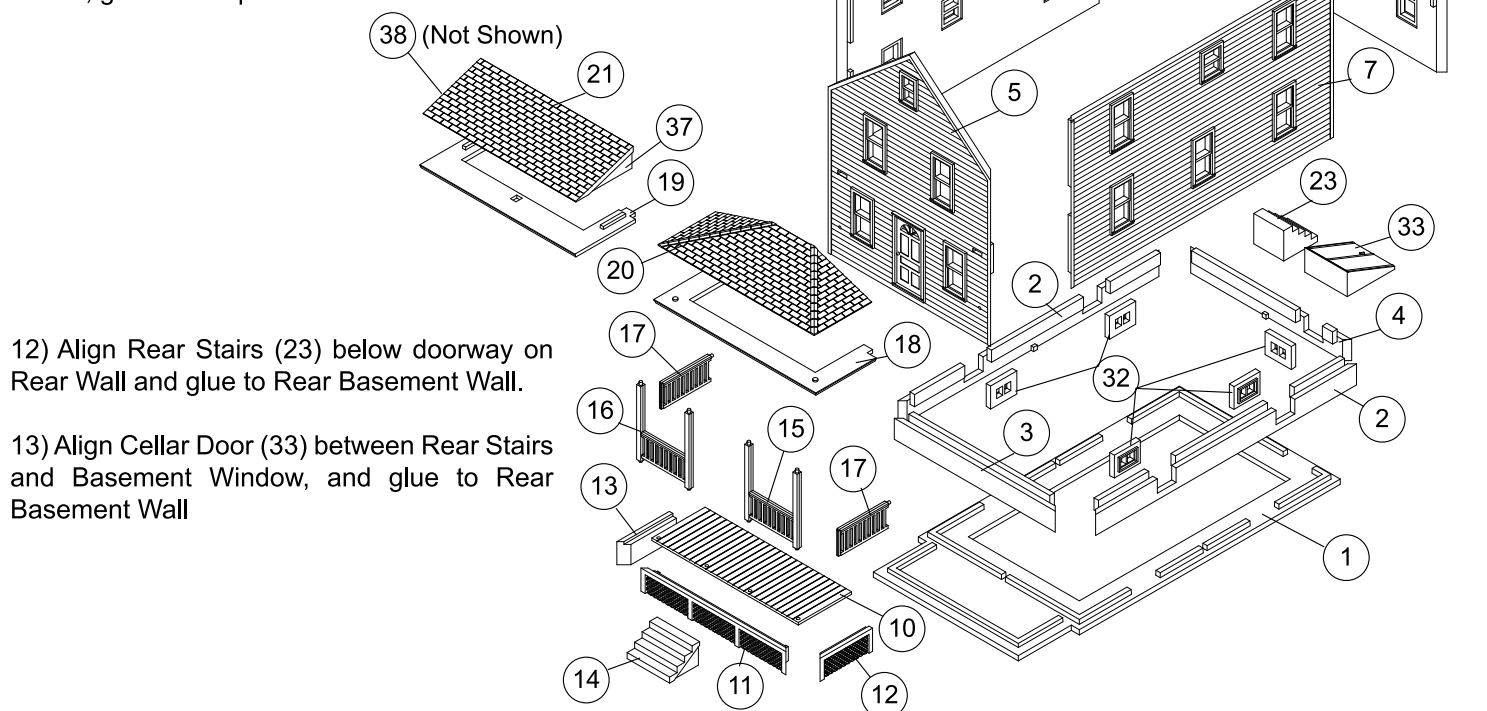
7) PLEASE NOTE: Align each Lattice (11, 12 & 13) so the inset area forms a small ledge at the top. Using raised ridges on Base (1) as a guide, glue Front (11), Right (12) and Left (13) Lattice Work to Base, Front Wall and inside corners where parts meet as shown.

8) Make sure the post mounting points of the Porch Floor (10) are at the front as shown then glue Porch Floor to inset ledge on Lattice and to Front Wall.

9) PLEASE NOTE: Front Railings (15, 16) and Side Railings (2x 17) have very small mounting pins on the ends; use care when trimming from sprues to prevent damage. Insert bottom pins on Front Porch Railings to four mounting points on Porch Floor (10) and glue where parts meet. Align small pins with openings on Front Wall and glue Side Railings (2x 17) to posts and inside corners of Front Porch Railings where parts meet.

10) Center the Front Porch Stairs (14) between Front Porch Railings and trim on front Lattice and glue to porch where parts meet.

11) Insert tabs at rear of Soffit (18 or 19) with openings in Front Wall, and top pins of Porch Railings into mounting points on underside Soffit; glue where parts meet.



12) Align Rear Stairs (23) below doorway on Rear Wall and glue to Rear Basement Wall.

13) Align Cellar Door (33) between Rear Stairs and Basement Window, and glue to Rear Basement Wall