



HO Structure Kit CRAFTSMAN BUNGALOW 933-3797

Thanks for purchasing this Cornerstone kit. Please take a few minutes to read the instructions and study the drawings before starting construction - if you're not sure how parts go together, test fit before gluing! Most parts are styrene plastic so use compatible glue and paint to assemble and finish your model. You may find it easier to first assemble larger parts and paint them as subassemblies, while smaller parts can be painted on the sprues and touched up after installation. If you wish to paint your model, wash all parts in warm water and plain dish soap, rinse thoroughly and allow to dry before painting.

Beginning in the early 20th century, American home buyers and builders began embracing the simpler elegance of the Arts and Crafts movement. A backlash against the complicated designs and machine-made extravagance that defined homes from the Victorian era, simpler Craftsman-style designs made use of natural and hand-made materials, and were easily adapted to bungalow-style homes. This generic name was (and still is) applied to all types of small homes built in the shape of a square or rectangle that fit comfortably into a typical city lot and still allowed space for a yard, making them especially popular with the new middle class. From the early 1900s to late 1920s when the Arts and Crafts movement was at its peak, bungalows built in this period were characterized by clean designs with common features like low-pitched gabled or hipped roofs, large overhanging eaves with exposed rafters or decorative brackets and much simpler exterior trim. One of the few elements retained from earlier homes however was the front porch. As the most visible portion of the home, it often incorporated simple decorative elements such as columns and railings, while providing outdoor living space and additional shade for the front rooms. As many potential buyers were familiar with the efficiencies of apartment living, features such as open floor plans and convenient built-in storage and closets were adapted to the bungalow. Single-story designs were popular with a large living room, kitchen, bathroom and bedrooms on the same floor (a major selling point with the lady of the house as it simplified housekeeping) but 1-1/2 story designs with upstairs bedrooms were also popular for those who needed a bit more living space. While many were built by experienced carpenters, design firms big and small sold sets of plans for do-it-yourselfers, and many also offered complete kits that could be ordered direct and shipped anywhere by train. While bungalows often appeared in the new "streetcar suburbs" outside established residential areas, many large companies were also building new plants well beyond the city limits and had to provide company-owned housing to attract new employees. Cheap to build and modern in all respects, many simply ordered dozens of the ready-to-build bungalow kits, creating several blocks of nearly identical homes. As the practice of providing company housing gradually ended in the 1930s the homes were often sold to employees, but as many of these once remote locations had grown into desirable suburbs, realtors and developers soon bought up large numbers for resale. Gradual changes came over the years to these "Craftsman Bungalows," as they came to be known but many are still in excellent condition and have been modernized to provide convenient, comfortable homes today. Alongside other Cornerstone kits including the American Bungalow (#933-3787), Updated American Bungalow (#933-3791), and Mission-style Bungalow (#933-3785), your new model will be the centerpiece of a new steam-era or older city neighborhood. For additional scenery materials, figures, vehicles and more to complete the scene, see your participating dealer, check out the current Walther's Model Railroad Reference Book or visit us online at walthers.com.

1) Windows and Doors

Individual windows and doors can be painted before assembly if desired. Acetate is included for "glass;" cut each piece slightly larger than each window and door, and glue to the back using white glue. PLEASE NOTE: Before completing each wall assembly, you may wish to add the printed-paper curtains; trim from sheet and attach to the back of the "glass" on any window with a small piece of tape or white glue.

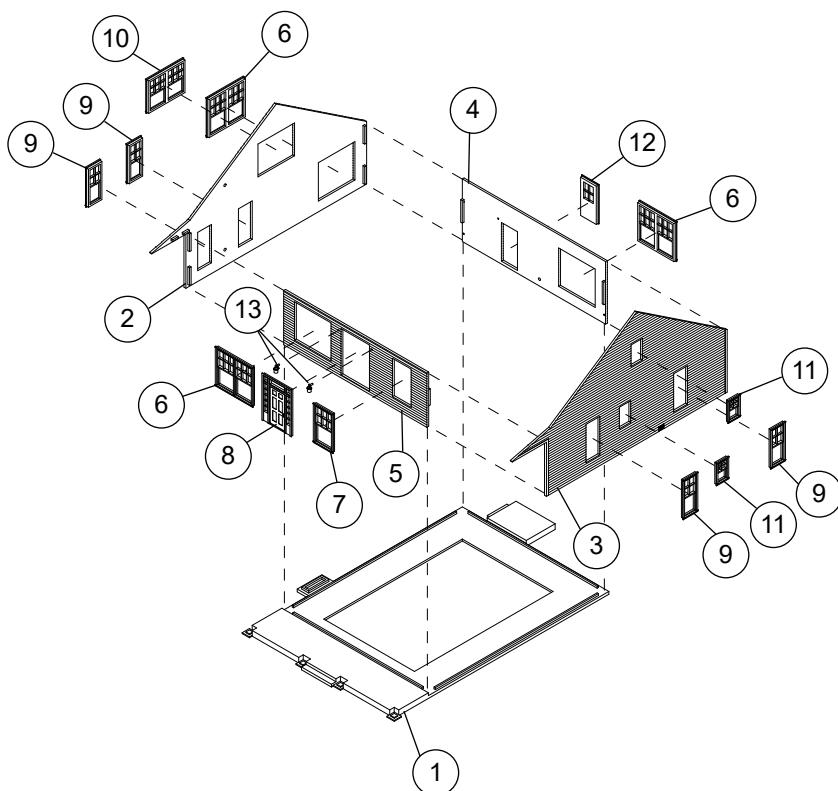
Front Wall (5): Large 14-Light Double Window (6), Medium 7-Light Window (7), Front Door (8).

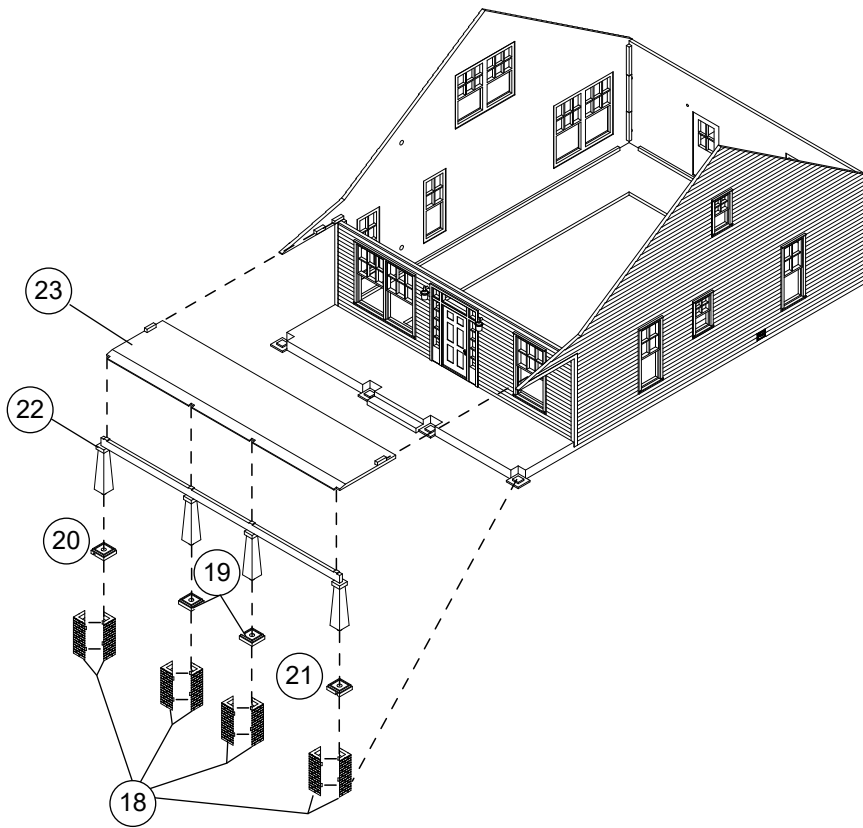
Rear Wall (4): Large 14-Light Double Window (6), Back Door (12).

Right Wall (3): Small 5-Light Window (2x 11), Medium 5-Light Window (2x 9).

Left Wall (2): Lower Level Large 14-Light Double Window (6), Upper Level Small 14-Light Double Window (10), Medium 5-Light Window (2x 9).

2) Using raised ridges on Base (1) and tabs and slots on back of each wall to align parts, glue Front (5), Left (2), Right (3), and Rear (4) Walls to base and at inside corners where parts meet.

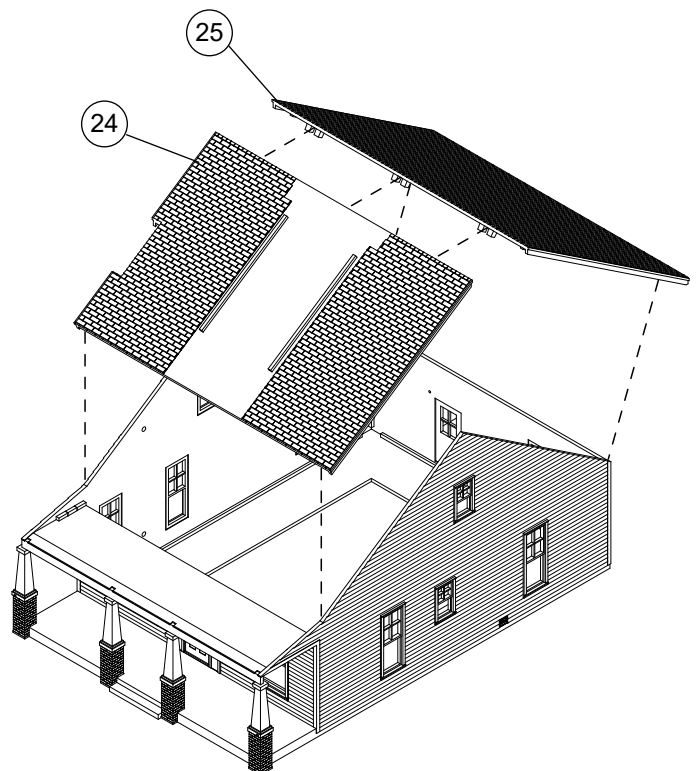


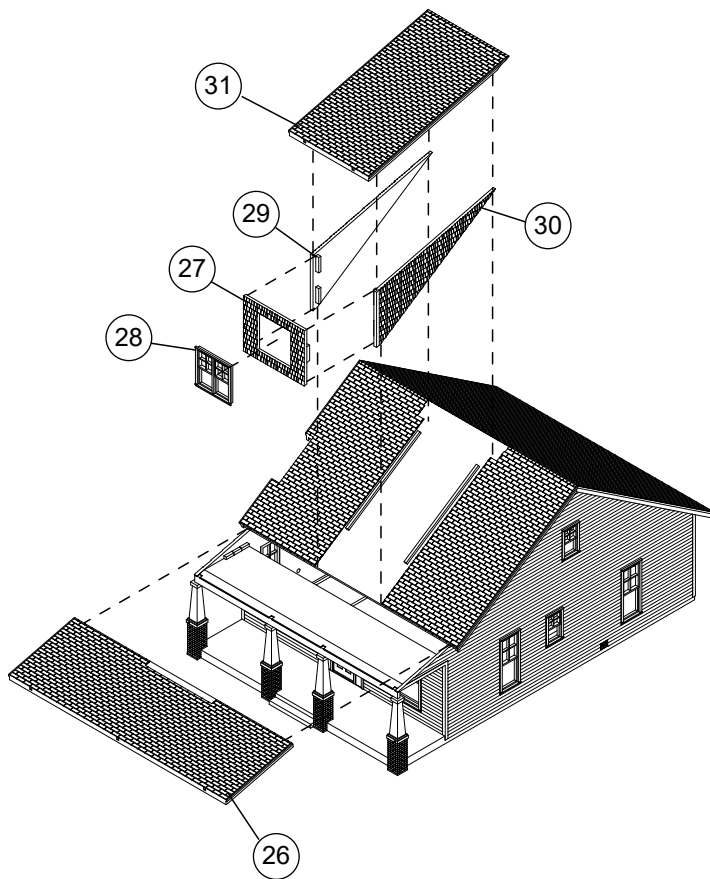


3) Assemble four Porch Columns as follows; align pins and mounting points on back of Column Halves (18; 2 per column) and glue at inside edge where parts meet. PLEASE NOTE: Be sure mounting points for Downspouts in front of Left (20) and Right (21) Outer Column Caps face forward; glue these in place on outside Columns as shown. Glue Center Column Caps (2x 19) to top of remaining Columns. Glue finished Columns to open areas in front of raised ridge on Base where noted.

4) Glue lower end of Porch Roof Supports (22) to inset areas on top of each Column Cap. Align tabs on inside edge of Porch Ceiling (23) with slots and tabs on inside edge of Side Walls as shown; align inset areas on front of Porch Roof with tabs on Support, and carefully glue where parts meet.

5) Align tabs and pins at inside center of Front (24) and Rear (25) Main Roof Halves and glue where parts meet. Glue completed Roof to Wall Assembly as shown.





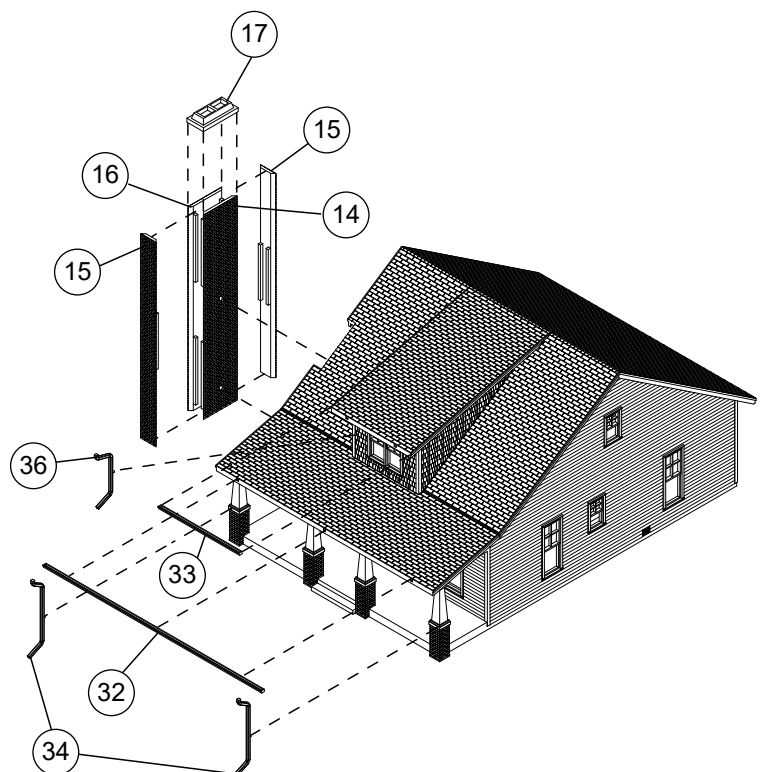
6) Glue Porch Roof (26) to Ceiling and inside edges of Side Walls.

7) Glue Dormer Window (28) to Opening in Dormer Front Wall (27). Cut a piece of acetate slightly large than the window and secure from inside with white glue. If desired, add curtain/s. Align tabs and slots on back of Front (27) with Left (29) and Right (30) Dormer Side Walls and carefully glue together. Align Dormer Wall Assembly with raised ridge at inset area on Front Roof, and glue in place along inside edges. Align and glue Dormer Roof (31) in place.

8) Align tabs and slots on Chimney Exterior (16), Side (2x 15) and Interior (14) Walls, and glue at inside edges where parts meet. Be sure Chimney Cap (17) faces upward as shown: insert large square on underside of Chimney Cap to top of completed Chimney and glue in place. Align mounting pins on Chimney Interior Wall with openings in Left Side Wall and cut-out portion of Roof, and glue where parts meet.

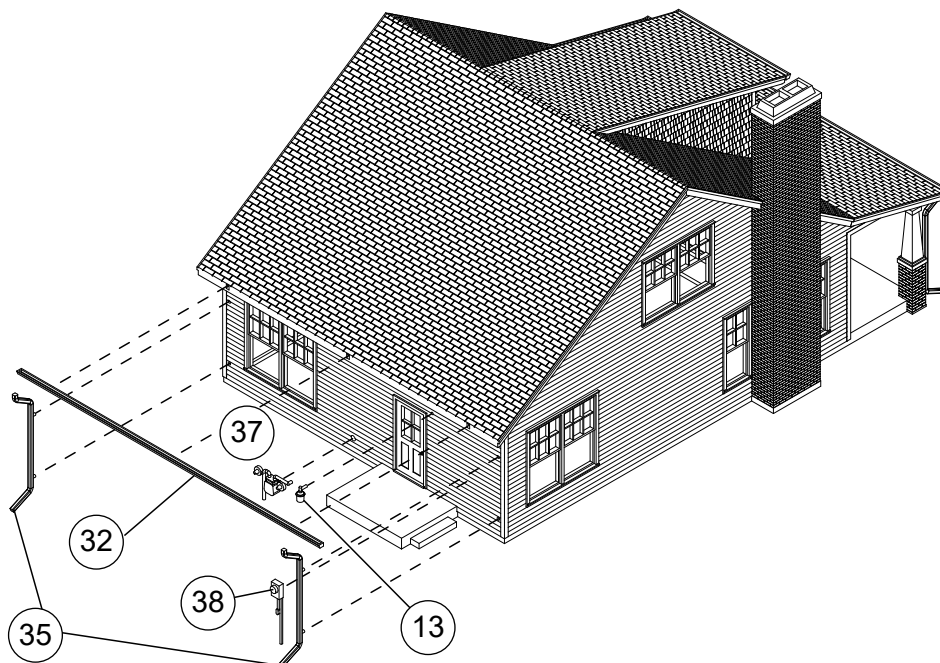
9) Align pins on Dormer Gutter (33) with openings at edge of Dormer Roof and glue in place. Align pin on Small Upper Downspout (36) with opening in Front Dormer Wall and glue where parts meet.

10) Align pins on Large Gutter (32) with openings in edge of Porch Ceiling and glue where parts meet. Align pins on Front Gutters (2x 34) with openings in Left (20) and Right (21) front corners of Column Caps, and glue in place.



11) Align pins on Large Gutter (32) with openings in edge of Roof and glue where parts meet. Align pins on Rear Gutters (2x 35) with openings at left and right corners of Rear Wall, and glue in place.

12) PLEASE NOTE: The small round pieces molded on the piping of Gas Meter (37) simulate regulator valves - do not remove when cutting from sprues. Glue Electric Meter (38) and Gas Meter to any convenient spot along back wall. Insert end of Back Door Light (13) to opening in Rear Wall (at upper left by Back Door), and glue in place.



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