



HO Structure Kit DRIVE-IN OIL CHANGE

933-3543

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. PLEASE NOTE: Some optional parts are included; choose one version and follow the appropriate steps. Leftover parts can be kept for future projects or discarded as desired.

As automobiles shifted from novelty to necessity, oil companies began cashing in on the need for fuel and service in larger cities and towns. As competition heated-up in the years before WWI, gas stations were among the first roadside businesses to combine unusual designs and bright color schemes to attract customers. With time, enterprising owners looking to increase revenue also began offering basic maintenance such as oil and grease jobs, as well as tune-ups and simple repairs. As the "filling station" transitioned into the "service station," the basic design of an office and attached work space became an industry standard, from the classic "box-style service stations" of the 1930s (many still standing today), to futuristic space-age buildings in the 1960s, although the exteriors were frequently modernized to present a fresh appearance. But as drivers moved onto new freeways and bypasses miles from the business district in the 1960s, gasoline sales began to suffer. This was further compounded by the oil embargo of the early 1970s, which saw prices rise and stations were obliged to close on Sundays to encourage conservation. Cars were also becoming increasingly complex, and the surge of fuel-efficient imports with metric parts, led many motorists to have their vehicles serviced exclusively by dealers. Many of these older stations had been built with steel underground fuel storage tanks, but concerns over leakage and contamination meant complete removal and expensive replacement. Together, these factors spelled an end to many filling stations. While those in more desirable locations were removed and replaced with new structures, many older buildings became available and affordable for small business owners. As the basic structure was still geared to automotive service, these proved ideal for operations focusing on just one or two areas, such as mufflers, tires, brakes, transmissions, car washes, body/custom shops, used car sales and drive-in oil changes. Today, remodeled and repurposed, older-style stations like your new model can still be found from coast-to-coast. Along with the Main Building, parts for an Asphalt Parking Lot, are included, which can be expanded at any time with the Asphalt Gas Station Parking Lot kit #933-3544, sold separately. For additional figures, vehicles, scenery supplies and more to finish your new business, see your participating hobby dealer, check out the latest Walther's Model Railroad Reference Book or visit us online at walther.com.

Small Sign

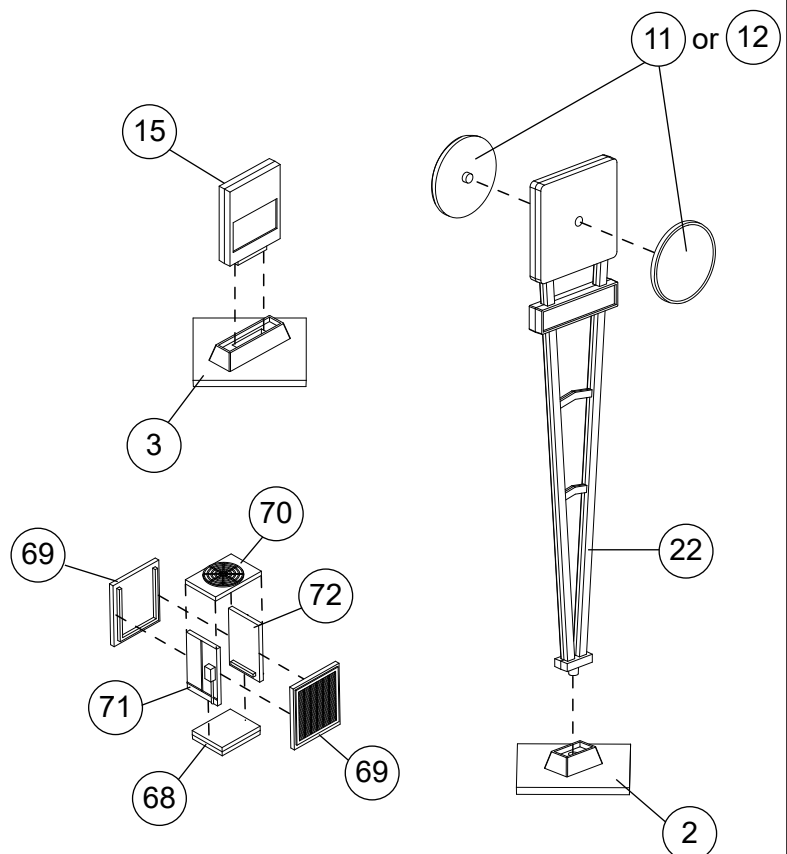
1) Insert tab on bottom of Small Sign (15) into opening on Small Sign Base (3) and glue where parts meet.

Large Sign

2) Insert pin on bottom of Support (22) into opening in Large Sign Base (2) and glue as shown. PLEASE NOTE: Parts are included for Round (2x 11) or Square (2x 12) signs. Choose one and glue in place to Support as shown.

Air Conditioner

3) Note horizontal raised ridge on inside edge of Front (71), Back (72) and Side Walls (2x 69) is the bottom; use ridges to align parts and glue to Air Conditioner Base (68) and at inside corners where parts meet. Align inset area on underside of Top (70) with wall assembly and glue where parts meet.



Main Building

4) Doors & Windows

We suggest using white glue to secure the clear plastic window "glass" in place to avoid damage.

4A) Front Wall (4): Office Glass (38), NOTE: Service Bay Doors (2x 21) may be glued in place or left off to model and open door; if used, glue Service Bay Door Glass (2x 43) behind doors. Upper Left (40) and Right (41) Bay Glass, Left (36) and Right (37) Trim Panels.

4B) Left Wall (44): Insert and glue Security Lights (2x 16) to openings; Left Window Glass (39) is glued inside Wall (44) as shown.

4C) Right Wall: Align pins on Right Exterior Wall (35) with mounting points in Right Interior Wall (6) and carefully glue together. Glue Security Lights (2x 16) to openings in Exterior Wall. Insert and glue Entry Door (28) from inside as shown.

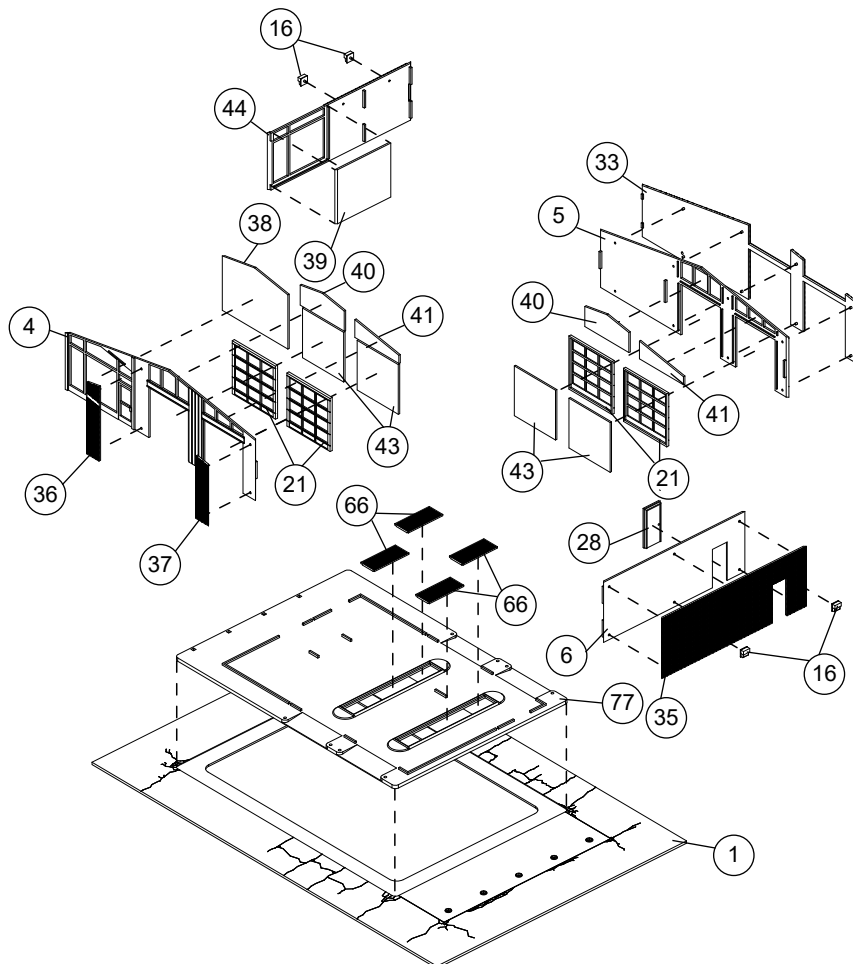
4D) Rear Wall: Align pins on Rear Exterior Wall (33) with mounting points in Interior Rear Wall (5) and carefully glue together. NOTE: Service Bay Doors (2x 21) may be glued in place or left off to model and open door; if used, glue Service Bay Door Glass (2x 43) behind doors. Upper Left (40) and Right (41) Bay Glass.

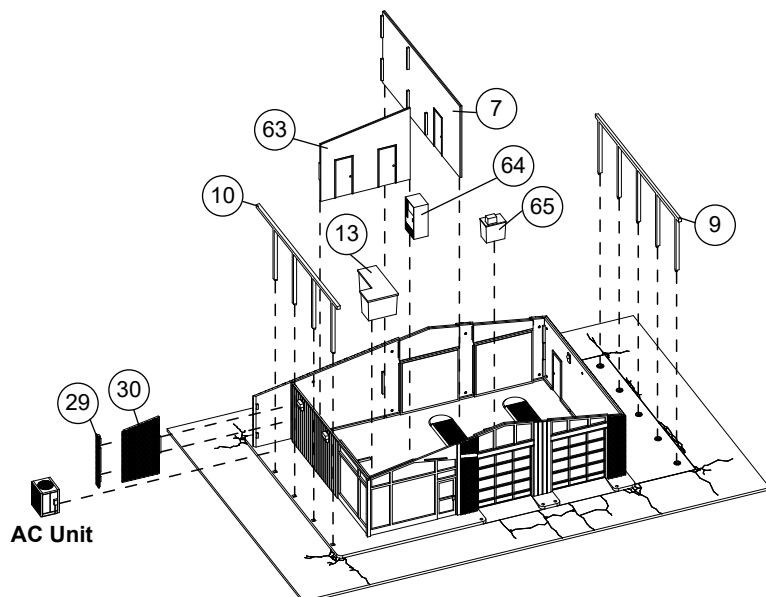
5) Note the correct alignment of the Floor (77) in the inset area of the Base (1) as shown, and glue where parts meet. Glue Walkways (4x 66 - two per side) as shown to top of each floor pit.

6) Using raised ridges on Floor, and tabs and slots on inside of each wall, align parts as shown and glue where parts meet along lower edge and at each inside corner.

7) Glue Counter (13) to raised ridges at left of Floor. Glue Service Desk (65) to raised ridge on floor between pits. With door facing as shown, align Right Office Interior Wall (7) ahead of tabs on Interior Front and Rear Walls and raised ridges on Floor, and glue in place. With restroom doors facing as shown, align Left Office Interior Wall (63) ahead of tabs on Interior Walls, and raised ridges on Floor, and glue in place. Glue Soda Machine (64) to right of door in Office Wall.

8) Align tabs and slots on rear of Alcove Front (29) and Interior Wall (30) and glue where parts meet. Align Front Alcove Wall with tabs on Rear Wall (34), and glue to wall and Base. Align pins on lower ends of Right (9) and Left (10) Support Columns with openings in Floor and glue where parts meet. Glue Air Conditioner alongside left Side Wall and glue to Floor.





Roof-Mounted Sign

9) Choose the Round (11; shown) or Square (12) sign to match Large Sign. Insert Pin on back of Sign to mounting point in Left and Right Side Walls (31) and glue in place. Align tabs and slots on inside back of Side Walls and Front and Rear (2x 32) Walls and glue where parts meet. Finish assembly gluing Top (19) in place.

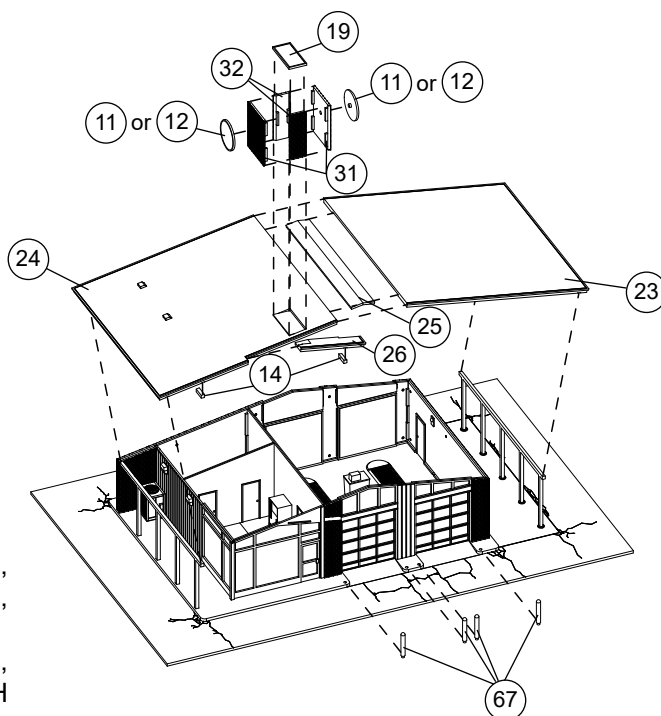
Roof

10) Align Front Roof Insert (26) with opening at front of Left Roof Half (24) and glue in place.

11) Note the locating ridge on the underside front of the Left Roof Half (24); align and glue Decorative Beams (2x 14) in these locations as shown.

12) Note the locating ridges on the underside center of the Right (23) and Left (24) Roof Halves; glue Roof Support (25) on underside of either Roof Half. Align remaining Roof Half on opposite side of Support and carefully glue where parts meet.

13) Align edges of Roof with tops of Supports and Wall Assemblies, and carefully glue where parts meet.

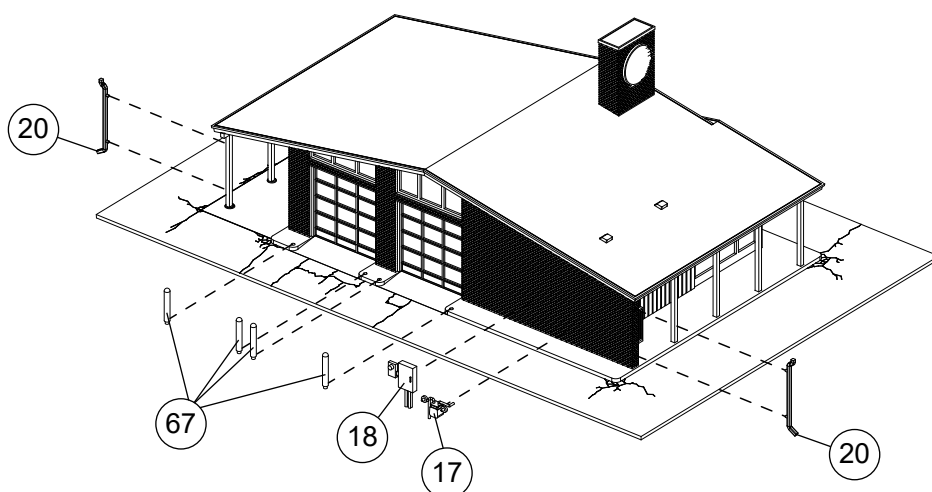


DECALING

1. After cutting out the decal, dip in water for 10 seconds, remove and let stand for 1 minute. Slide decal onto surface, position and then blot off any excess water.

2. Lightly brush Micro Sol on top. This will soften the decal, allowing it to conform to irregular surfaces. DO NOT TOUCH DECAL while wet!

3. When decal is thoroughly dry, check for any trapped air bubbles. Prick them with the point of a small pin or hobby knife blade and apply more Micro Sol.



Final Assembly

14) Glue pins in lower end of Bollards (8x 67 - four per side) to mounting points alongside Service Bay Doors.

15) Align pins on Downspouts (2x 20) with mounting points at corners of back wall and glue in place.

16) PLEASE NOTE: The small round pieces molded on the piping of Gas Meter (17) simulate regulator valves - do not remove when cutting from sprues. Glue Electric Meter (18) and Gas Meter to any convenient spot along back wall.

PARKING LOT

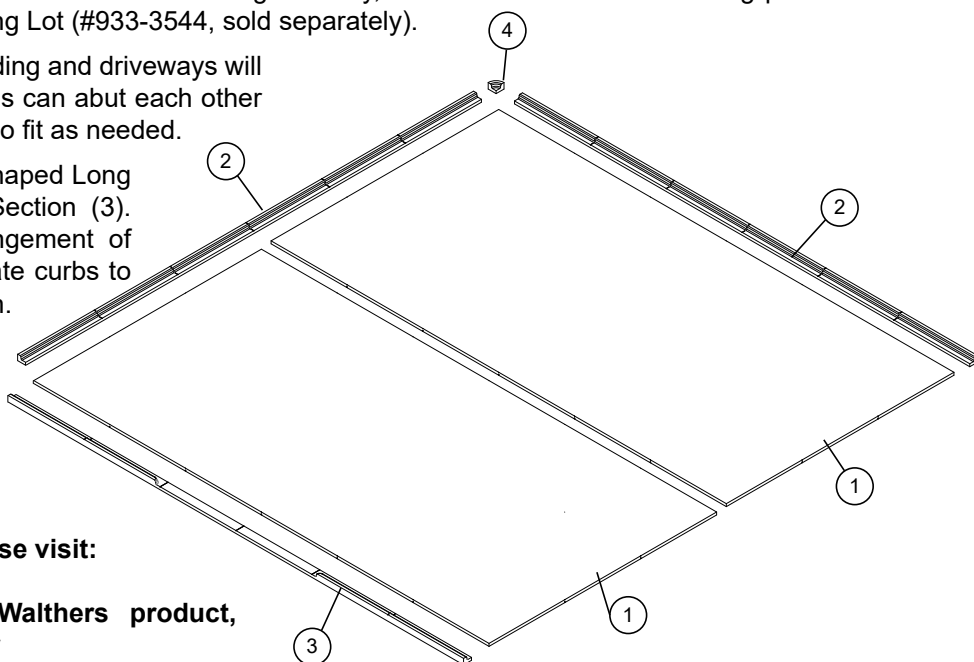
PLEASE NOTE: This kit is designed to easily be cut and customized to fit your new facility. While the top and bottom surfaces appear identical, the deeper grooves are molded cut lines and should face downward for final installation.

22) The Large Paving sections (1) are the same thickness as the structure base section in this kit: begin by determining where your buildings and driveways will be located on your layout. Paving sections can abut each other and the structure base, or be cut and glued to fit as needed. For a larger facility, six additional sets of matching parts are included in the Gas Station Asphalt Parking Lot (#933-3544, sold separately).

23) Begin by determining where your building and driveways will be located on your layout. Paving sections can abut each other and structure bases, or be cut and glued to fit as needed.

24) Note the correct alignment of the L-shaped Long Curbs (2), Corners (4) and Driveway Section (3). Once you've determined the final arrangement of structures and paving, glue the appropriate curbs to the edge of the Paving Sections as shown.

25) Sections may be set in place, or for permanent mounting, we suggest using white glue, Carpenter's glue or slow-setting epoxy to allow time for making adjustments if needed.



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