



HO Structure Kit

MODERN GAS STATION

933-3537

Thanks for purchasing this Cornerstone kit. All parts are styrene plastic 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 beginning construction. PLEASE NOTE: Individual instructions cover assembly of the Main Building, Auto Fueling Island and Parking Lot included in this kit. As parts for each structure are molded in various colors, sprues will include parts for more than one building; remove parts only as needed. You may find it easier to work in stages, assembling and painting some parts in your corporate colors, then completing assembly of each structure. Some additional parts are included that are not needed for assembly, which may be kept for future projects or discarded as desired. Decals are included for two Cornerstone oil companies, with smaller logos for trucks such as the SceneMaster® International® 7600 Tank Truck with Trailer (#949-11670), sold separately.

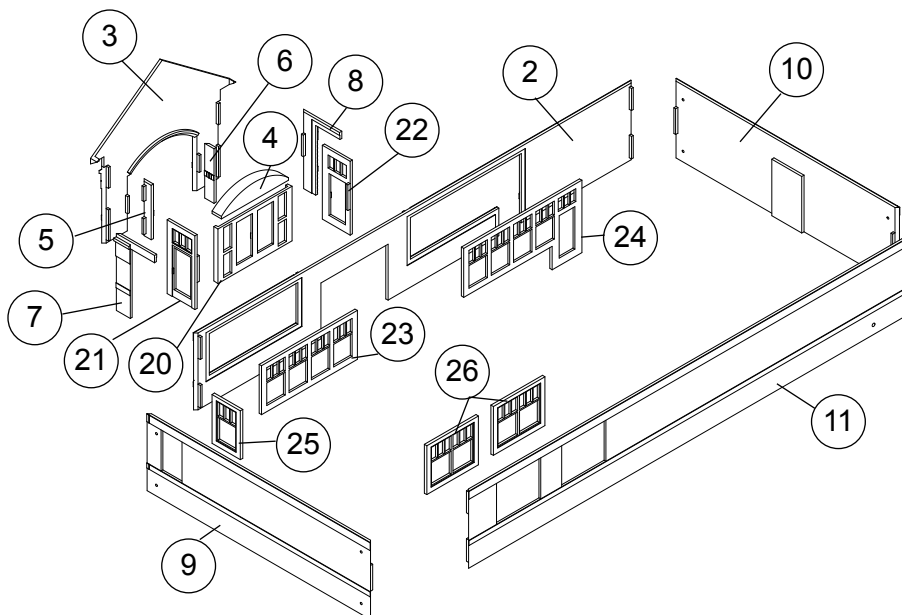
As automobiles transitioned from novelty to necessity, oil companies began cashing in on the need for fuel and service in larger cities and towns. As competition heated-up in the years before WWI, gas stations were among the first roadside businesses to combine unusual designs and bright color schemes to attract customers. Each new decade brought newer ideas, from the classic 'box-style service stations' of the 1930s (many still standing today), to futuristic space-age buildings in the 1960s. With the oil embargo of the 1970s, the rerouting of major highways to new beltlines and freeways, and the growing complexity of automobiles, 'service stations' were rapidly replaced by 'convenience centers.' Looking more like a typical storefront, gasoline sales were almost an afterthought save for pump islands, covered canopies and bright lights out front. Inside, spacious interiors were carefully designed to bring customers in quickly, but slow them just enough to notice other merchandise as they made their way to the cash register. A handful of auto essentials such as windshield washer fluid were still carried, but most of the space was given over to prepackaged snacks and food products, souvenirs and impulse buy items. In rural towns where the business district had become a distant memory, such stores took on a role like that of the earlier general store, supplying a wider selection of groceries as well as gasoline. Where space is available, many also included a matching drive-through car wash in its own building as a convenience to customers and a source of additional revenue. Today, convenience store stations are an industry standard, often paired with fast-food chains, found at off ramps and intersections from coast-to-coast. Typical of facilities in cities and small towns, your new model includes parts to construct the Main Building and Auto Fueling Island, along with a concrete Parking Lot, which can be expanded at any time with the matching Modern Gas Station Parking Lot kit #933-3540, sold separately. For a complete scene, you can add the matching Gas Station Car Wash #933-3539, also sold separately. For additional figures, vehicles, scenery supplies and more to finish your new business, see your participating hobby dealer, check out the latest Walthers Model Railroad Reference Book or visit us online at walthers.com.

MAIN BUILDING

1) Acetate is provided for window glazing; cut each piece slightly larger than Doors and Windows and glue to back - you may wish to use white glue to avoid damage.

2) PLEASE NOTE - This illustration shows assembly from the rear; parts noted as left or right match this sketch. Align slots and ridges on back of Front Entrance Wall (3) with Left (5) and Right (6) Interior and Left (7) and Right (8) Exterior Brickwork and glue where parts meet. Glue Left (21) and Right (22) Side Entry Doors to recessed area on back of Exterior Brickwork. Align raised edges of Front Double Entry Door (20) against plain (inside) edges of Interior Brickwork and glue where parts meet. Glue Alcove Ceiling (4) to top of Door and raised ridge on Front Entrance Wall.

3) Glue Large Front Left Window (23) and Right (24) Window & Door to inset areas on back of Front Wall (2). Glue Single Window (25) to inset area on inside of Left Wall (9). Glue Double Rear Windows (2x 26) to inset area on inside of Rear Wall (11).

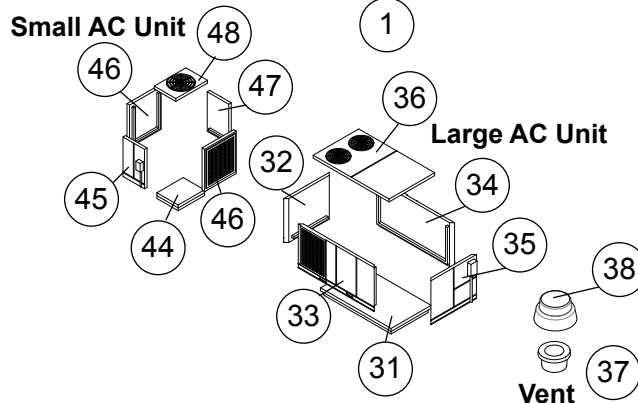
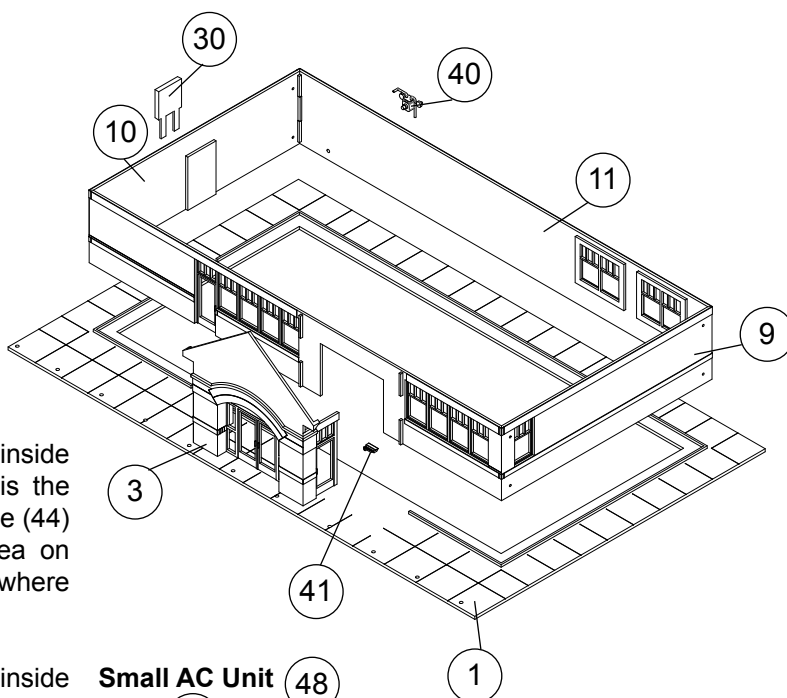


4) Using raised ridges to align parts, glue Walls (2, 10, 11 and 9) to Base (1) and at inside corners where parts meet. Align tabs on outside edge of Left & Right Side Entry Doors with slots and raised ridges on Front Wall assembly (3), and glue completed Front Entrance to Wall and Base where parts meet. Center Security Camera (41) facing outward above Front Entry Door and carefully glue in Alcove. PLEASE NOTE: The small round pieces molded on the piping of Gas Meter (40) simulate regulator valves - do not remove when cutting from sprues - glue meter to mounting point on lower left edge of Back Wall. Glue Electric Service Panel (30) to any convenient location on Left Wall (10).

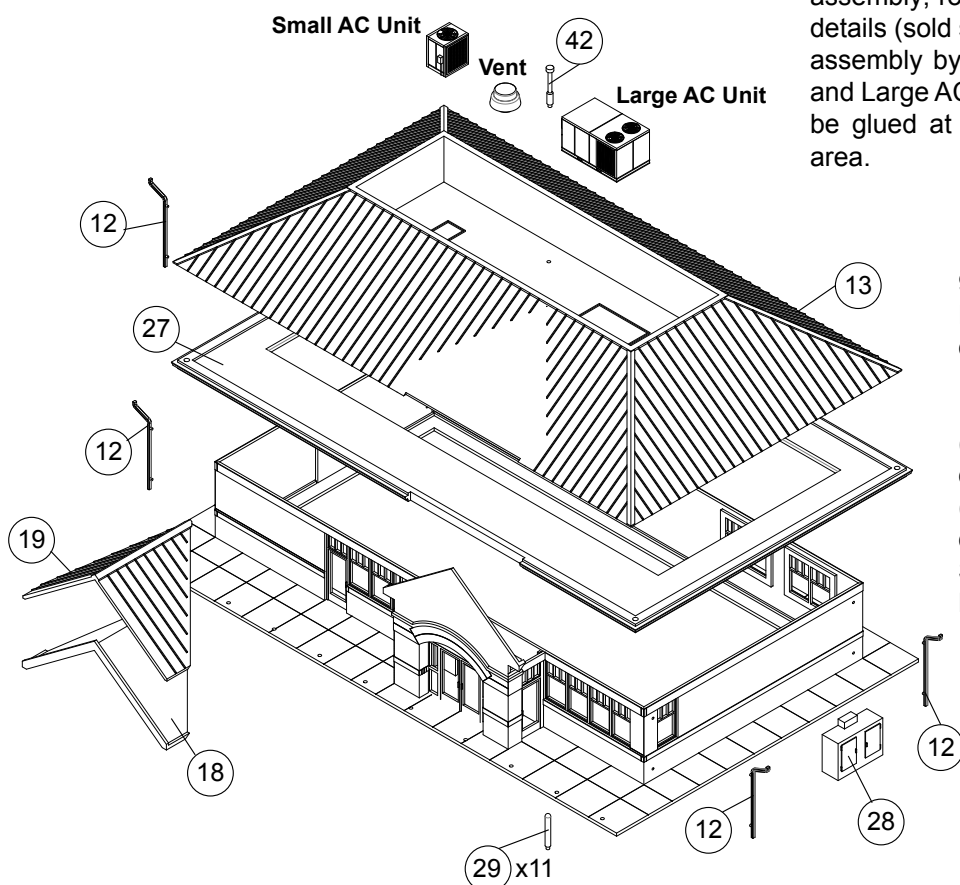
5) Small Rooftop AC Unit: note horizontal raised ridge on inside edge of Front (45), Back (47) and Side Walls (2x 46) is the bottom; use ridges to align parts and glue to Small AC Base (44) and at inside corners where parts meet. Align inset area on underside of Small Top (48) with wall assembly and glue where parts meet.

6) Large Rooftop AC Unit: note horizontal raised ridges on inside edge of Front (33), Back (34) Left (32) and Right (35) Side Walls are the bottom; use these to align parts and glue to Large AC Base (31) and at inside corners where parts meet. Align inset area on underside of Large Top (36) with wall assembly as shown and glue where parts meet.

7) Vents - make 2; glue Vent Top (38) to Vent Base (37).



8) Align mounting points on top of Eaves (27) with pins on underside of Main Roof (13) and glue where parts meet. Align raised ridge on underside of completed roof with wall assembly; roof may be set in place to add lights or interior details (sold separately) or glued as desired. Complete roof assembly by gluing Small AC Unit, Furnace Exhaust (42) and Large AC Unit to mounting points as shown. Vents may be glued at any convenient location inside the recessed area.



9) Glue Entry Eaves (18) to underside of Entry Roof (19). Glue completed entry roof to open area on front of Main Roof (13).

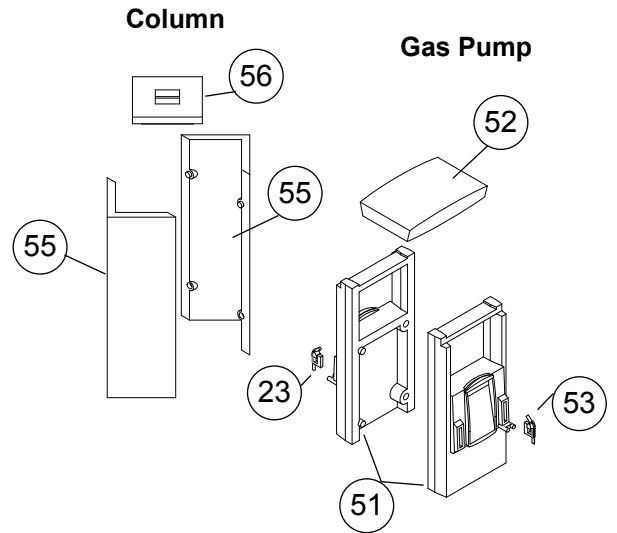
10) Align pins on inside edge of Downspouts (4x 12) with mounting points on both corners of sidewalls and glue together. Ice Machine (28) may be glued in any convenient location on sidewalk. Complete assembly by gluing Small Safety Posts (11x 29) to openings in Base.

FUEL PUMPS

11) PLEASE NOTE: If you wish to paint Nozzles (18x 53) to identify a type and/or grade of fuel, you may find it easier to do this while they're attached to the sprue. Nozzles are small and fragile, so use care cutting them from the sprue. Built as shown, you'll need seven pumps (three on the Car Island and four on the Truck Island), but parts for eight are included.

12) Assemble each pump as follows: align pins and mounting points on back of each Pump Half (16x 51; two per pump) and glue where parts meet. Align large tab on back of each Nozzle (53) with slot on right sides of each pump panel as shown and smaller tab through opening of molded bracket, and glue where parts meet.

13) Note the four hose mounting points on the underside of each Pump Cover (8x 52). For each pump, cut two lengths of Hose (30) about 1-3/16" (3cm) long. Carefully glue one end of each Hose to the opening that will be directly above each nozzle using a CA-type adhesive (not included). When dry, glue Cover to top of each pump. Loop the hose and glue the remaining end to the small tabs on the pump, below the nozzles. Apply pump dial and logo decals to both sides of pumps.

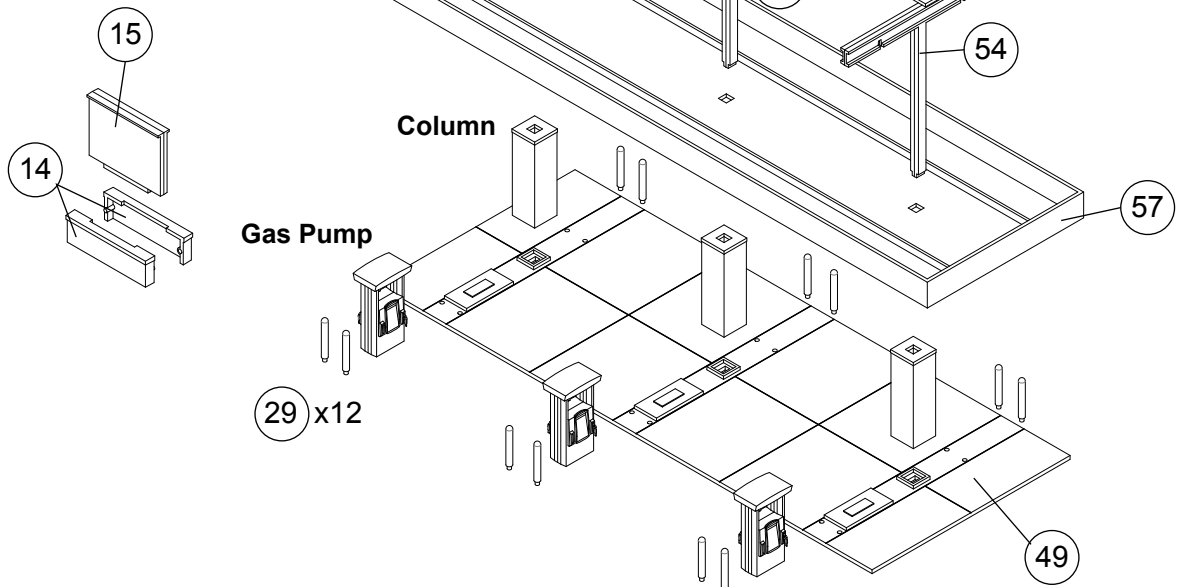


AUTO FUELING ISLAND

14) Decorative Columns - make three: align pins and mounting points on back of Column halves (2x 55) and glue together. Align raised ridges on underside of each Column Cap (56) and glue to top of completed Column. Glue each Column to raised square, and a Fuel Pump to each rectangular mounting pad on Car Island Base (49). Glue Small Safety Posts (12x 29) to openings in Base as shown.

15) Note notches in crossbeams of Canopy Supports (3x 54): insert a Support through each opening in the Car Island Canopy Ceiling (57), align openings with raised ridge, and glue where parts meet. When dry, insert Canopy Supports through Decorative Columns and glue to Base.

16) With raised ridge facing down, align mounting points on Car Island Eaves (58) with pins on underside of Car Island Roof (59) and glue where parts meet. Align raised ridge on underside of completed roof with opening in top of Ceiling and glue where parts meet.



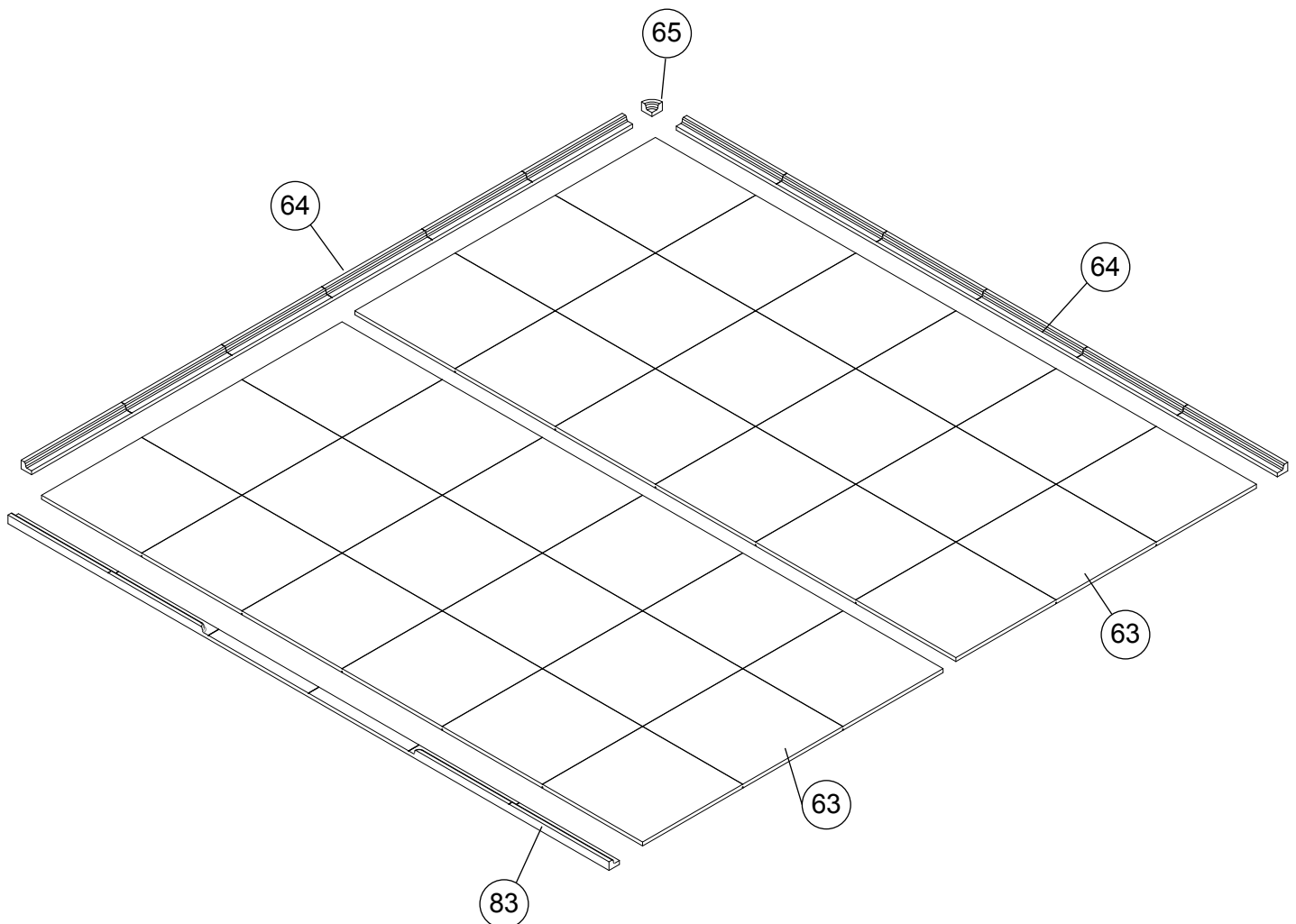
PARKING LOT

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

The Large Paving sections (63) are the same thickness as each 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 bases, 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 Parking Lot (#933-3540, sold separately).

18) Note the correct alignment of the L-shaped Long Curbs (64), Corners (65) and Driveway Section (83). Once you've determined the final arrangement of structures and paving, glue the appropriate curbs to the edge of the Paving Sections (63) as shown.

Sections may be set in place or secured to your layout as desired.



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 the 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®.