

EARL'S SERVICE STATION

side walls. Trim sub roof to fit the corrugated, side addition leaving a slight overhang on 3 sides. Cut corrugated roofing material into desired sizes and glue in place. Glue the side addition in place on the building.

3. The Details. Optional: Install door knobs on the 4 doors by drilling a small hole in the latch plate and inserting a pin. Carefully snip off the remaining pin on the inside of the building. Install the window glazing in the building and the front door. Glue the front door in place. Glue the vent pipe (1/8" tube) to the roof of the rear addition. Glue the sign onto the sign base. Assemble the gas pumps and glue in place on the island. Apply decals and signage as desired.



This kit is designed and produced by James and Anna Cleveland
Frenchman River Model Works

We offer many detail parts to complete your scene such as vehicles, gas pumps, crates, barrels, 55 gallon steel drums, pallets, trash cans, and electric meter assembly to complete your scene.

All these items are available separately at:

www.frenchmanriver.com

Thank you for purchasing this kit. We hope you enjoy building and displaying Earl's Service Station as much as we have enjoyed producing it. If you have any questions or comments, please email us at: frenchmanriver@gmail.com or send a letter to the address below.



Made in the USA

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O/ON30 1:48 SCALE KIT #625



Earl's SERVICE STATION



display built by James and Anna Cleveland
Frenchman River Model Works

Earl was new to the growing town of Stinkwater Crik. He grew weary of working at the local Mercantile and was looking around for new opportunities to make his fortune. The mercantile sold everything under the sun including kerosene and gasoline. Amid growing concern over the safety of pumping and storing gasoline in general stores there was talk of dedicated locations to make gasoline available to the growing demand of automobile owners. Earl appealed to his uncle, Ebenezer (Ben) Spade, the owner of Spade Hardware.

Ben decided to set his nephew up in business and so around 1920, Earl's Service Station was built as the first of its kind in the area.

Cautions

Kit contains small and/or sharp parts
NOT SUITABLE FOR CHILDREN UNDER THE AGE OF 14
Always wear your safety glasses when you are working with CA glues and when cutting, shaping, or snipping parts and when painting.
Also use adequate ventilation when working with glue or paint.

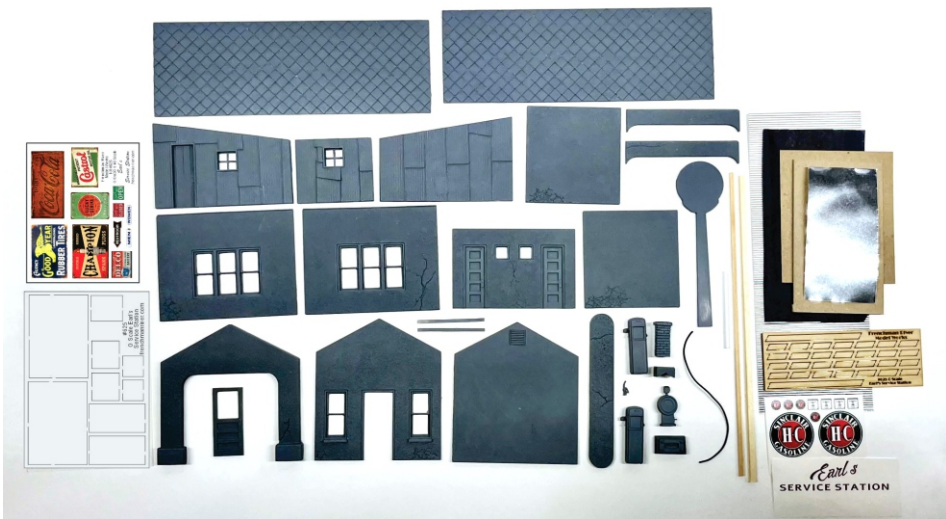
Kit Contents

RESIN PARTS

1 Front Wall with Columns	1 Chimney Base
1 Front Wall	1 Front Door
2 Side Walls	1 Gas Pump Island
2 Window Sills	2 Gas Pumps with Nozzle
1 Back Wall	1 Tireflator
3 Rear Addition Walls	1 Sign
2 Portico Side Walls	1 Sign Base
2 Roof Sections	
1 Chimney	

MISCELLANEOUS PARTS

1 1/8 x 1/8 Lumber
1 3/32 x 3/32 Lumber
2 Card Sub Roof
1 Corrugated Metal
1 Tar Paper
1 Window Glazing
1 Sign Set
1 Decal Set
1 Aluminum Flashing
1 Laser Cut Rafter Ends
1 1/8" Styrene Tube



Kit Notes

This kit is an original design by James and Anna Cleveland with all original masters hand worked and detailed by James Cleveland. All materials are copyright protected.

Earl's SERVICE STATION

Earl's Service Station is a stucco building built in the residential bungalow style popular in the 1920's. This canopy style service station boasts 2 pumps and a retractable hose "Tireflator". This kit is ideal for an in-use service station from the 1920's up until the 1960's. It would be great as a derelict, abandoned throwback if modeling later than the '60's.

Clean up any "flash" on the resin castings. Wash all resin parts in warm soapy water, rinse and dry. Any bubbles in the resin can easily be filled with a drop of CA glue or hobby putty. Allow to dry and sand flush with the part being careful to not sand off any details.

Please read through the instructions and study the plans and photos before starting any assembly. There are many helpful photos on our website listing for this kit. **NOTE:** See painting instructions on back of photo page.

1. The Building Assembly. Glue the window sills in place on the side walls if desired. Begin by assembling the four walls of the main building using a piece of glass or other flat, smooth surface to ensure proper alignment. Glue the front wall and the back wall between the two side walls making sure the walls are square.

NOTE: The tops of the side walls are sloped to accommodate the roofing.

Assemble the 3 walls of the back addition to the back wall of the main building. The rear wall goes between the two side walls. Glue the two portico side walls in place against the top of the side walls of the main building (Fig 1). Center and glue the front wall with columns onto the gas pump island. Align the front wall with columns to the portico side walls and glue in place. (Fig 1) You may want to use some vinyl spackle to patch the wall seams. Assemble the side addition walls with the end wall between the side walls. Do not glue this to the main building at this time.

2. The Roof. Lightly sand the four edges of each roof section to square them up. Place them shingle side down on a flat surface. **NOTE:** Make sure the shingles are running the correct way and the tops of the roof halves are butted against each other. Place a small piece of tape across the joint in several places. This will help you place the roof sections on top of the building so that you can glue them in place. Place the roof on the building allowing for a small overhang at the rear of the main building. (Fig 2) The roof pieces should leave a valley along the ridge that you will glue a strip of 3/32" square lumber into to create a roof ridge. Tack the roof pieces in place when you are satisfied with the placement. Finish glueing all around the joints. Cut the rafter ends and two rafters out of the laser cut sheet. **TIP:** You may want to paint the entire sheet before you cut everything out.

Measure and mark approximately 1/2" spacing along the underside of each roof overhang. Glue the rafter ends in place using the marks to position them beginning at the front wall with columns and extending to the rear wall of the main building. Glue the two full rafters to the underside of the roof overhang at the front of the portico. Glue the chimney base on the roof ridge where desired. Glue the chimney on top of the chimney base. Cut a piece of 3/32" x 3/32" lumber for the roof ridge to fit between the front of the building and the chimney base. Cut another small piece to finish the roof ridge after the chimney base. Using the 1/8" x 1/8" lumber, glue strips around the inside of the back addition at the top to provide support for the sub roof (Fig 1). Cut the sub roof with a slight overhang at the rear of the building. Glue in place. Cut tar paper into scale 3' wide strips. Glue in place using white glue. Begin at the bottom and overlap each strip as well as up the

1/8" x 1/8" Lumber

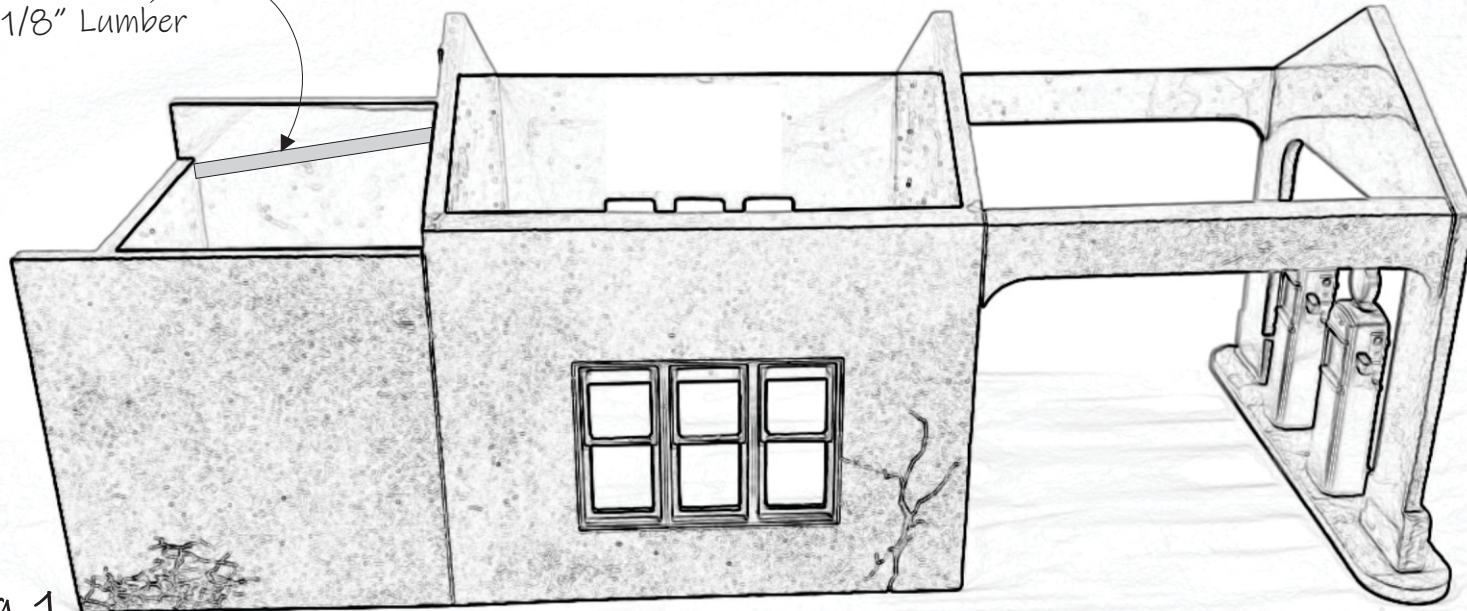


Fig 1

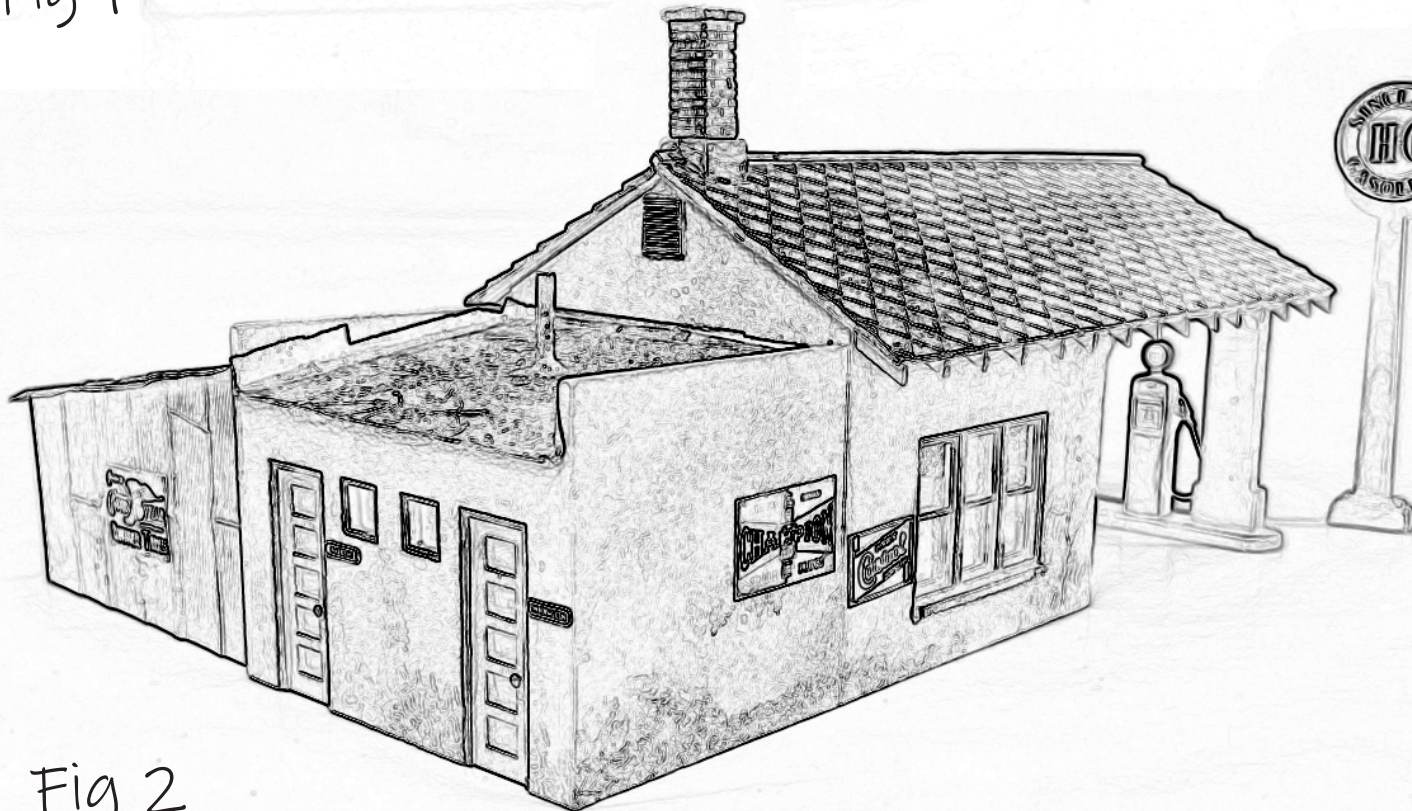


Fig 2

Frenchman River
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SERVICE STATION

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PAINTING SUGGESTIONS



Use your favorite method, spray can, air brush or craft paints. We used spray paint from a can and acrylic hobby paint applied with a brush. Some parts may be easier to paint before assembly, so plan accordingly. **TIP:** If you're having a hard time with the acrylic paint beading up, try adding a drop or 2 of rubbing alcohol. Additionally, rubbing alcohol will take acrylic paint off if you want to start over and try again. **Stucco:** We painted the main building with rear addition before adding the roof. Spray the building with Krylon Brand Satin Almond spray paint. Using a fairly stiff brush, stipple on DecoArt Americana Brand Cobblestone around the cracks and in various places to simulate the poured concrete building showing beneath the stucco cracks. Paint the window trim and doors with Americana Brand Tuscan Red. **Shingle Roof:** The roof was painted before installation. Spray the exposed rafter wood sheet and roof sections on the underside edges with Satin Almond and the shingled side with Krylon Brand Emerald Green spray paint. **Corrugated Metal Addition:** This was painted separately. Spray the addition with a metallic silver spray paint. Lightly paint the door and windows with a medium brown acrylic and then lightly streak these with Cobblestone for a weathered wood look. **Concrete:** Paint all concrete parts with Cobblestone. This is the gas pump island, sign base and chimney base. **Corrugated Metal Roofing:** Spray the metal roof with Rustoleum Brand Rusty Metal Primer in Brown. We used Dr. Ben's Weathering Solutions in Realistic Rust to streak and stipple the roof with fresh rust. The aluminum flashing was painted with Burnt Umber and Realistic Rust was lightly added over it. **Misc Detail Parts:** Spray the Sign with Satin Almond. Paint the chimney with Cobblestone and let dry. Mix a brick color using Tuscan Red, Orange and Brown and dry brush the bricks. Paint the roof vent black. Paint the Tireflator with Tuscan Red. **TIP:** Paint the surfaces that are metallic with black and let dry. Paint these surfaces with silver or gold metallic paint. The black allows the metallic to show up better. **Visible gas pumps:** Paint these with Tuscan Red. **Gas pump with or without globe:** Spray or brush the pumps with white. Paint the sides with Apple Barrel Colors Brand Christmas Green with metallic silver trim. Paint nozzles black and let dry. Paint again with gold metallic paint for a bronze color. **Additional steps:** It is advised to spray the model with matte acrylic spray at this point to seal the acrylic paints! Mix a thin black wash (water and black paint or India Ink with Rubbing Alcohol) and wash all painted surfaces allowing the color to settle into details and cracks. If this is beading up, try adding a few drops of rubbing alcohol. After this is dry, use a dry brush technique with white paint to highlight all the details. Finish with any weathering pigments to add a dusty effect if desired. Be sure to seal everything with matte acrylic spray to create a long lasting, homogenous finish.