



HO Structure Kit TRUCK LOADING RACK 933-3169

Thanks for purchasing this Cornerstone kit. Please read the instructions and study the drawings before beginning. All parts are styrene, so use compatible glue and paint to assemble and finish your model.

Today's tank trailers are a far cry from horse-drawn tank wagons, but they still move petroleum products to local customers. Petroleum products are moved from refineries by underground pipelines to regional distribution centers near major markets and interstate highways. These facilities load all types of petroleum products into trucks for local delivery. Designed for quick and easy operation, trucks pull up on both sides of the loading racks. Here, a series of valves, electric pumps and other equipment bring various products from storage tanks. Elevated loading platforms provide easy access to hatches on the trailer roof. The platforms are covered to protect workers from the weather, and well lit to operate around the clock. Your new model will look great as part of a regional distribution center modeled with the Wide Oil Tank (933-3167) or Tall Oil Tank (933-3168) and Piping Kit (933-3105). Loading racks are also found at refineries, such as the United Petroleum Refining (933-3705). Visit your local hobby shop, see the latest Walther's HO Model Railroad Reference Book or log onto walthers.com for more ideas to complete your new model.

1) Make three Large Vertical tanks by gluing Cover (H125) to Large Vertical Tank (H124). Glue tanks to mounting points on Base (H115).

2) Make three Small Vertical Tanks by gluing Small Cover (H122) to Small Vertical Tank (H127). Glue tanks to mounting points on Base (H115). Glue Connecting Pipes (3x H129) to openings in each Small and Large Vertical Tank as shown.

3) Note the correct alignment, glue Upper (H143) and Lower (H142) Tank Halves together, and glue Inlet Pipe (H144) to opening in Lower Half as shown.

4) Make three Upright Pipe Assemblies by gluing Upright Pipe (H133) to Connector (H134) and Right Inlet (H132). Glue completed Upright Pipes to right-hand opening in Base closest to Small Vertical Tanks. Glue Left Inlet (3x H131) to left-hand opening in Base closest to Large Vertical Tanks as shown.

5) Glue Feeder Pipe (H137) to top of Horizontal Tank and to ends of closest Upright Pipe and Left Inlet as shown.

6) Make two Distribution Assemblies: glue Upright Surge Vents (H136) to Pumps (H130). Glue assembly to mounting points on base: glue pipes on left of each Outlet to ends of Upright Pipe assemblies (H131, H132), glue pipe on right to openings in Small Vertical Tanks as shown.

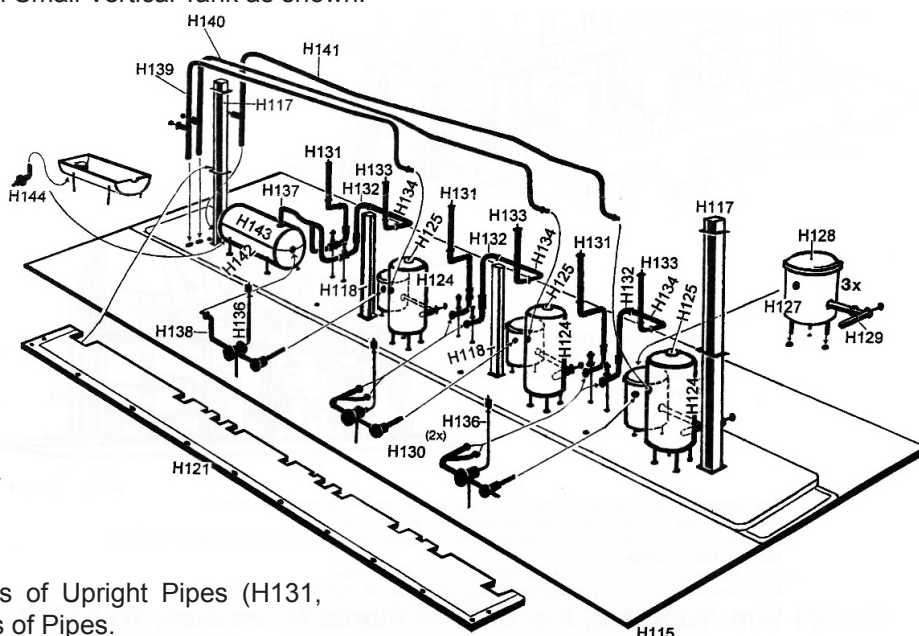
7) Glue Upright Surge Vent (H136) to Pump (H138). Glue assembly to mounting points on base: glue pipe on left to Horizontal Tank, glue pipe on right to opening in Small Vertical Tank as shown.

8) Glue Platform Supports (2x H118) and Canopy Supports (2x H117) to Base as shown.

9) Glue Right (H139), Center (H140) and Left (H141) Overhead Pipes to mounting points on left of Base and sides of each Large Vertical Tank.

10) Note that Platform Halves (2x H121) have detail molded on both sides – make sure both halves align correctly to clear piping (H131, H133 & H136). Note the raised ridge on Canopy Supports; glue the Platforms directly above and to these ridges and in the center where Platform Halves meet.

11) Glue Tank Filler Pipes (6x H135) to tops of Upright Pipes (H131, H133). Glue Counterweights (6x H154) to ends of Pipes.



Handrails

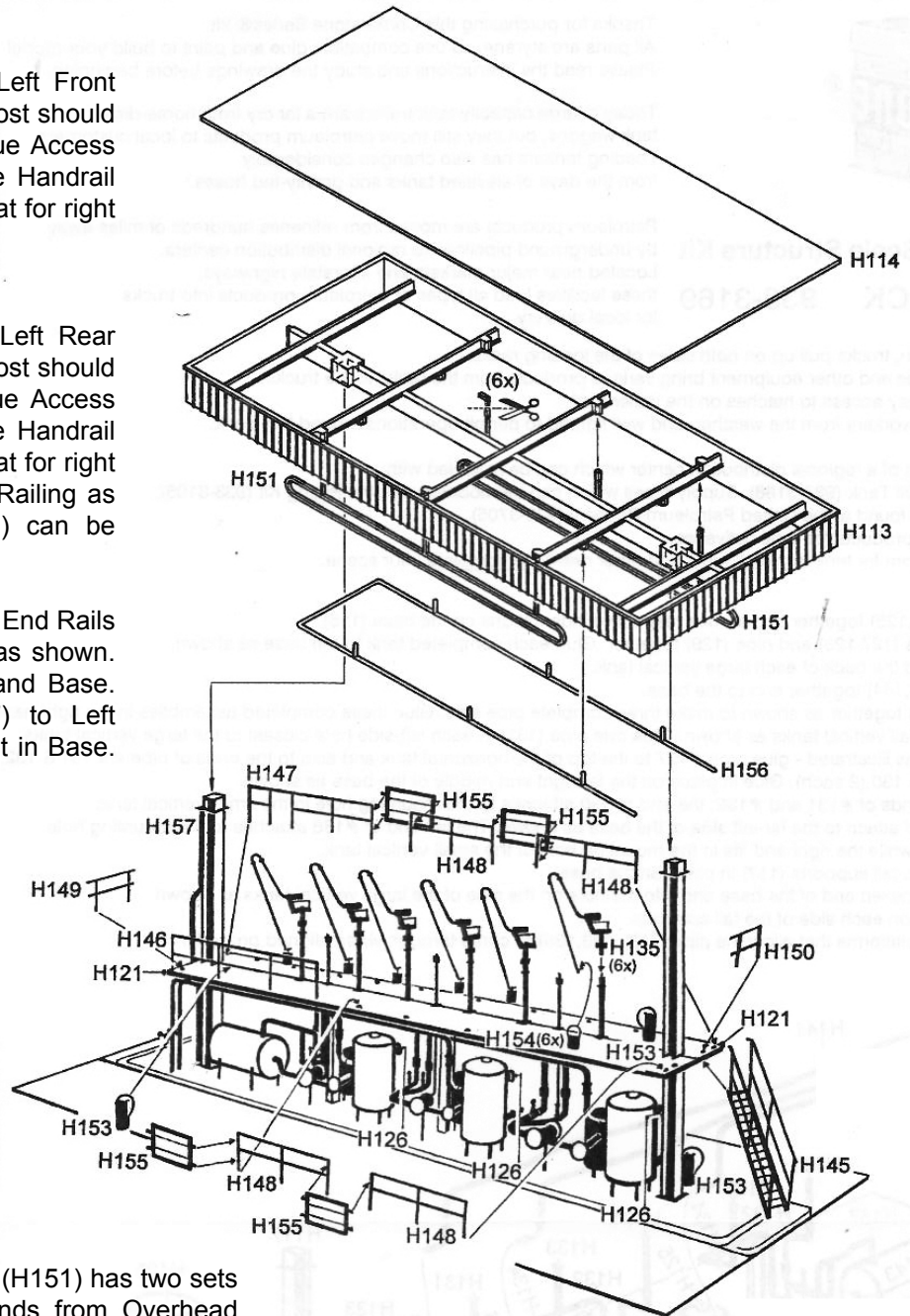
Front:

12) Working from left to right, glue Left Front Handrail (H146) to Platform; the first post should be in the outside mounting point. Glue Access Gate (H155) to end of Handrail. Glue Handrail (H148) to Gate and Platform and repeat for right end.

Rear:

13) Working from left to right, glue Left Rear Handrail (H147) to Platform; the first post should be in the outside mounting point. Glue Access Gate (H155) to end of Handrail. Glue Handrail (H148) to Gate and Platform and repeat for right end. Glue Ladder (H152) below End Railing as shown. Fire Extinguishers (4x H153) can be glued at any convenient location.

14) Glue Left (H149) and Right (H150) End Rails to Platform and Handrail Assemblies as shown. Glue Steps to right end of Platform and Base. Glue Overhead Supply Pipe (H157) to Left Canopy Support and to mounting point in Base. Glue Ladder (H152).



Canopy:

15) Note the Overhead Canopy Frame (H151) has two sets of mounting points. Trim L-shaped ends from Overhead Pipes (2x 156) as shown, and glue to large openings on the outside of the crossbeams. Glue Personnel Guard (H156) to small openings on the crossbeams.

16) Glue square mounting points on Canopy Frame to top of Canopy Supports. Glue Canopy Roof (H114) to Frame.

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®.

