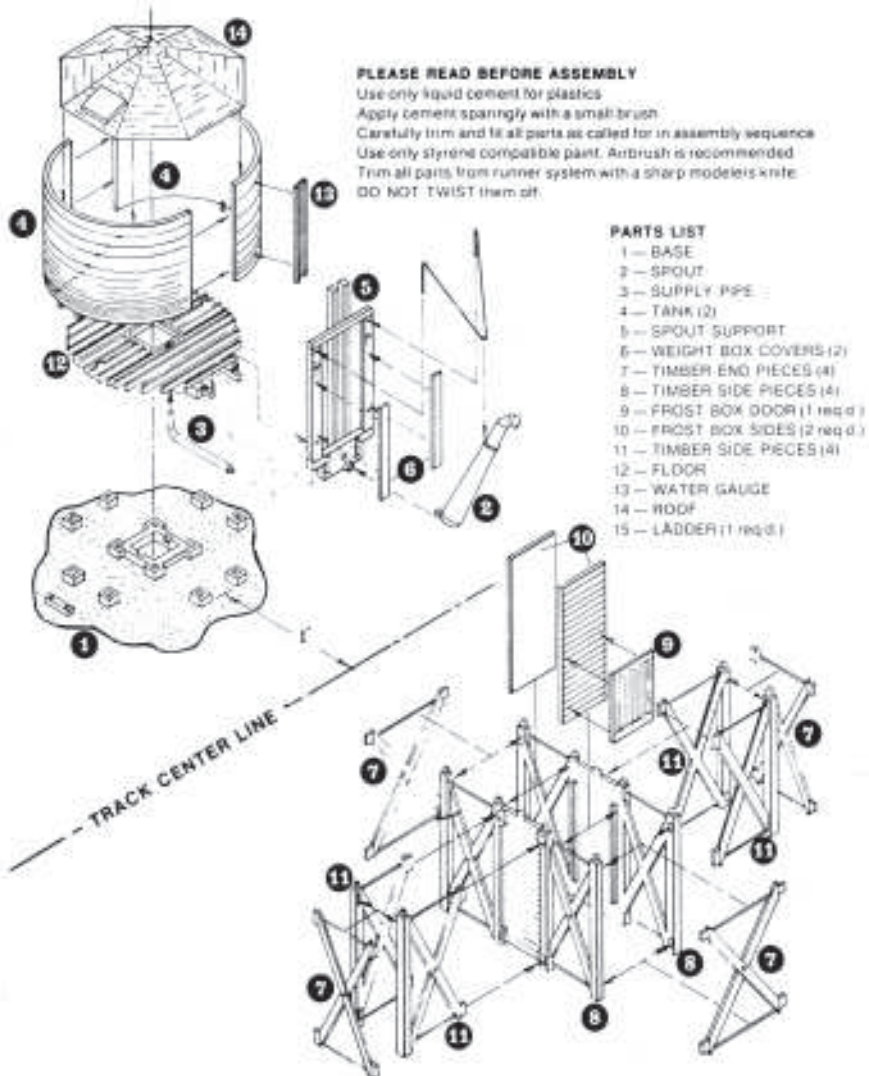


KIT 2600 AMERICAN STANDARD WOOD WATER TANK N SCALE MADE IN USA

PROTOTYPE HISTORY

The design of this kit was based upon standard practices of American Railroads from 1890 to 1940. Specifically, a set of original drawings from the Northern Pacific Railroad provided the basic information for this 50,000 gallon capacity tank with additional information obtained from photographs and other sources.



TANK ASSEMBLY

Note: The bottom of the tank has two locating tabs - be careful not to remove these! Place a piece of fine grit sandpaper on a flat surface, and carefully "stroke" the tank halves on the edges that will be cemented. Also remove the small "gate" mark on the top center of each half. Place both halves together upside down on a flat surface (glass etc) hold in register and cement from the inside. Check alignment and set aside to dry. NOTE: on final assembly one of the joints will be behind the spout support bracket.

SPOUT SUPPORT STRUCTURE

Cement spout (2) in place on structure (5). Bend copper wire as follows: Holding wire between two pairs of pliers gently STRETCH wire to straighten it. Bend as shown and install. No provision has been made for a loop or ring on the spout as either would be grossly out of scale. We suggest you simply glue in place where the band is on the spout. Loop wire over the small bars inside the support structure, and cover with weight box covers (6). Set aside.

TIMBER STRUCTURE

Be especially careful when removing these parts from the sprue runner system, as they are quite fragile. DO NOT remove until called for in the assembly. Fit each part carefully to insure proper assembly. During this sequence, use the base (1) as a template, but DO NOT glue until later. Please note that some of the alignment tabs on the cross braces (7) will need to be trimmed off as some of the holes in the braces (8 & 11) do not exist due to mold damage. Test fit without gluing and trim as needed.

- 1: Cement ends (7) (7) to each end of one side piece (8).
- 2: Cement opposite side (8) to assembly.
- 3: Cement door (9) to one frost box side (10).
- 4: Slide frost box sides (10) (10) into the structure and cement from the inside.
- 5: Cement ends (7) to side pieces (11). Remove the assembly from the base and cement assemblies (7-11-11) to each side of the main structure.
- 6: Cement completed structure to FLOOR (12), again making sure all is square. If necessary, open up the small square holes in the floor with a sharp knife or file as needed.

PAINTING

Use any paints compatible with styrene plastics. We suggest a dark gray for the base, roof brown for the wood parts and roof shingles, concrete for the piers, reefer yellow for the tank, black or aluminum for the spout, and the indicator in red. The background of the gauge can be "flowed" with opaque Chinese white water color, available from your local craft supply. Let dry at least 24 hours.

FINAL ASSEMBLY

NOTE: Scrape paint from any surfaces to be glued or use super glue.

- 1: Determine whether you want the ladder on the right or the left of the tank. Place roof door in proper rotation on the tank, align centerline scribed on the inside of the roof with the joint line of the tank, and cement. Place the "worst" tank joint at the front where it will be hidden by the spout support.
- 2: Align the support structure to the base placing the ladder foundation under the side with the door and the two projecting beams facing front. Cement in place from underneath.
- 3: This step is a bit tricky, so be patient. Cement assembled spout support to the projecting beams on the timber structure, using the small tabs on the top of the beams for location. AT THE SAME TIME, cement spigot end of supply pipe into back of spout support, with the elbow of the supply pipe going up into the floor. Hold assembly square until cement sets.
- 4: Cement assembled TANK/ROOF to completed TIMBER STRUCTURE, using projecting tabs on floor and 4 tabs on the bottom of the tank for location. Apply a small amount of cement to the back of the spout support at this time.
- 5: Cement the ladder (check length before gluing) and the water gauge in place.
- 6: Touch up paint with a small brush.
- 7: Weather to taste using your favorite techniques.

If you damage or lose a part it will be replaced for a s&h charge of \$1.50. DEFECTIVE PARTS WILL BE REPLACED AT NO CHARGE. This kit was completely manufactured in the USA by TICHY TRAIN GROUP.

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