



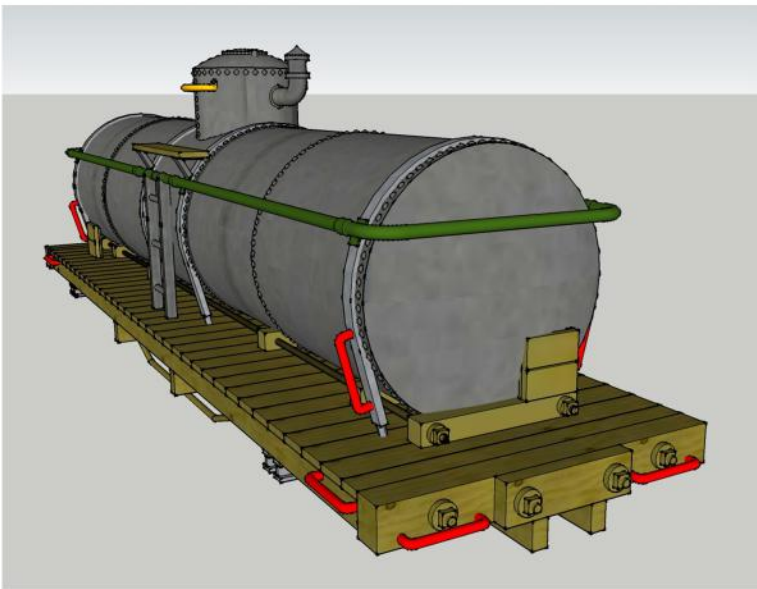
Western Rails Company

Western-rails.com

ET&WNC Tank Car for Gasoline

In the image below left we have color coded the detail parts by size this should help aid you in locating where each part goes. Each end is identical to the other aside from the brake detail on the “B” end (not shown). A full parts list can be found to the right. All parts can be purchased from Tichy Train Group.

I recommend cleaning out all mounting holes before beginning installation; I used a #80 drill bit. Care must be taken when drilling the holes in the tank straps due to the thin plastic.



Parts List

- 8 - 18” Straight Grab Irons (red)
- 4 - 18” Drop Grab Irons
(Red on ends of car)
- 2 = 24” Straight Grab irons
(yellow)
- 4 - Straight Stirrup Steps
(Side Mount – Not Shown)

I began by installing the outer ring first; this can be done with our jig (link provided on our site) or be made by you, it measures 19.9mm x 94mm be sure to leave the joint in the middle of the long side where it will be supported by the ladders. I carefully bent this for shape using the jig to bend the rough shape and plyers to finalize the bends. I then applied a small amount of glue to the mounts and held the rail until the glue set.

The side and end Grab Irons can easily be installed by feeding them through the holes and either bending them over and applying glue, or, cutting to length and applying glue before

inserting into the mounting holes. When mounting the handrails attached to the strap, the lower lead must be cut before mounting as it will hit the tank. The two 24” grabs on the dome were bent to eye to match the dome curvature. When mounting the stirrups you can use Tichy Side Mount Sturrups, or bend their own out of wire (12” x 12”). We use metal stirrups on our models as we anticipate them to be handled often for shows and demonstrations events, we also do not install brake details for the same reasons.

Thank you for your purchase!

Enjoy your 3d printed model from Western Rails Company.