

TrainCat Model Sales

Modern Oil Storage Tank N-Scale & HO-Scale

Before Starting

PREPARING BRASS The easiest way to remove the brass parts from the sheet they are produced on, is to use rail nippers. The brass is soft and won't affect their future cutting ability. This will reduce or eliminate the amount of filing to smooth the edge. *You should always use a file to remove the balance of the tie. This will ensure a perfect fit.*

GLUING BRASS Instant super glues, Cyanoacrylate, CA for short, are very prominent in model building today. They will work perfectly with brass, and they are instant. We recommend a thick CA glue such as "**Zap-A-Gap**" from Pacer Technology. Besides being almost instant, thick CA glues will help create a small fillet and fill small gaps when applied to the inside of joints. Using a toothpick to apply the CA glue works really well for getting the glue into the interior areas and controlling the amount of glue used.

Step #1 – Assembling the Tank

Most of the flashing on the tank has already been removed. Finish cleaning all flashing on the bottom of the tank. Remove all flashing from the resin hatches and glue them to the tank. Except for the large round hatch, each hatch cover has a corresponding indent in the tank top. Drill top center hole to accept top vent. Glue in place. The large round hatch is to be glued to the tank side near the bottom of the tank.



Step #2 – Build Top Railing

Remove all tie remnants from the railing. One hole has been started for you. This is the first railing post location. Using a #76 or #77 drill, finish the hole. Using the railing, mark the location of the next post and drill a hole 1/16" from the tank edge. Repeat for the remaining railing uprights. Be sure to leave one to one railing upright distance open for the safety cage ladder. See pics below.

Step #3 – Build Safety Cage Ladder

Cut the ladder the correct length **PLUS** one the length to the next set of eyelets. This is to allow the ladder to extend beyond the tank edge. Remove the ladder rungs from the last eyelets to the next to last set of eyelets. Put the ladder aside. Cut the safety cage to the same length as the ladder **MINUS** one vertical set of bars. Your workers will need to get into the ladder cage to use it! Use a 3/16" dowel, tubing or rod to form the safety cage. Go a little at a time as not to distort the cage. Once the cage is formed around the dowel, remove the dowel. Begin at the next to last eyelets at the bottom of the ladder. Insert the cage pins on the sides into the eyelets of the ladder. Be sure the top of the cage extends to the top of the ladder. Secure the bottom pin, then insert the pin on the opposite side securing it. Continue the insert & secure process one set of pins at a time up the ladder. See pics below.

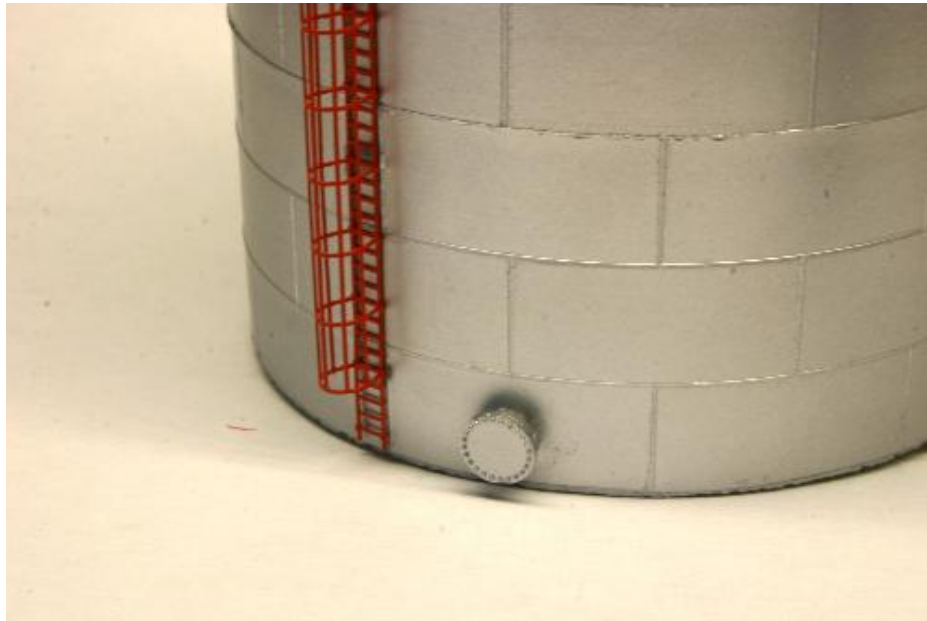
Step #4 – Painting

Wash your completed assembly in warm soapy water. If it is really messed up with solder flux etc. you can clean it with a lacquer thinner first. *Do NOT bake the model if you used CA glue for construction.* One nice thing about painting on brass, if you don't like the paint job you can use paint remover to get rid of it and start again without hurting the brass. Air dry all parts. Paint the tank the desired color. Silver or White are the most often used colors. Paint the safety cage ladder and the railing International Orange. Allow to thoroughly dry.

Step #4 – Final Assembly

Secure the railing into the drilled holes on the top of the tank. Secure the safety cage ladder to the tank side at the opening in the railing.

Your Modern Oil Storage Tank is complete



***TrainCat
Model Sales***

TrainCat Model Sales ♦ 3709 Heron Ridge Lane ♦ Weston, FL 33331 ♦ sales@traincat2.com