

Coil Covers

For 52' Greenville corrugated gondola

The Prototype

In 1987, UP modified 200 Greenville-built 52' gondolas from series MP 643050 - 643549 into covered gondolas. The modified cars were renumbered into series MP 951000 - 951199, they kept the MP reporting marks, but had the Screaming Eagle replaced with the UP shield. They were equipped with metal troughs to load various sizes of hot or cold rolled steel coil, some could also be used to load finished metal products such as plate steel that required weather protection. Cars that can load coil or finished metal products are known as dual purpose cars. Covers were also attached to cars from the series MP 641150-642549, which retained their original numbers and Screaming Eagle. Steel mills and their customers are the primary customers. The covers are still out there and used on the Greenville cars whenever a shipper requires.

Parts List

2-covers

Parts bag containing:

2-lifting brackets

2-grabirons

1- flashing sheet containing

1-mating channel

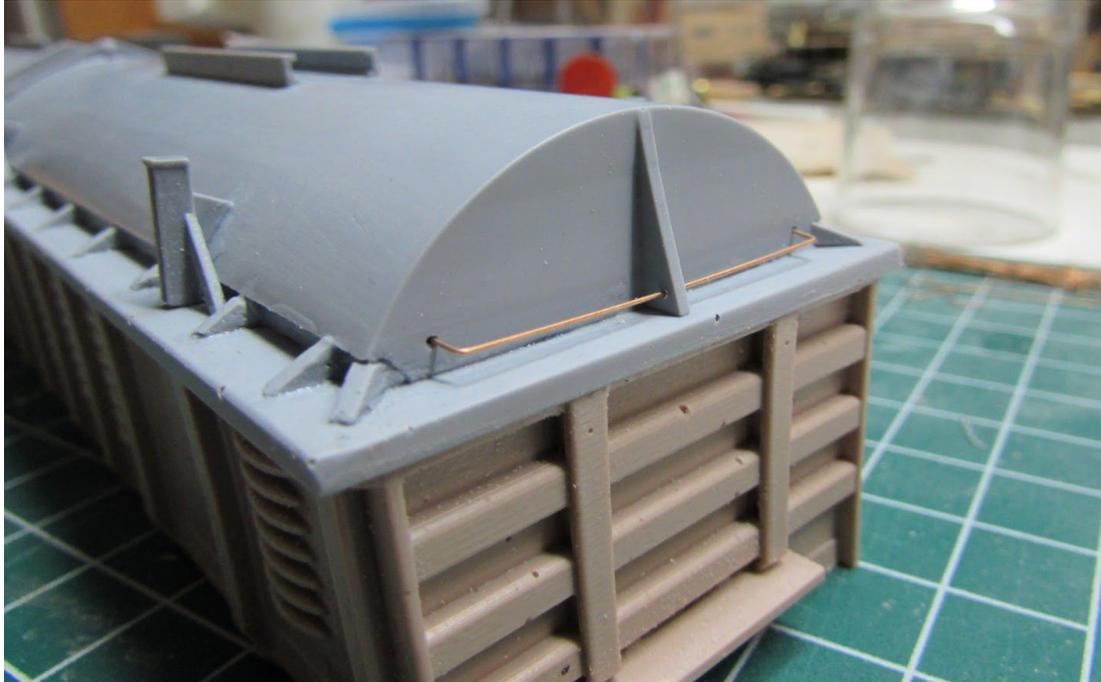
8-standoffs

Decals

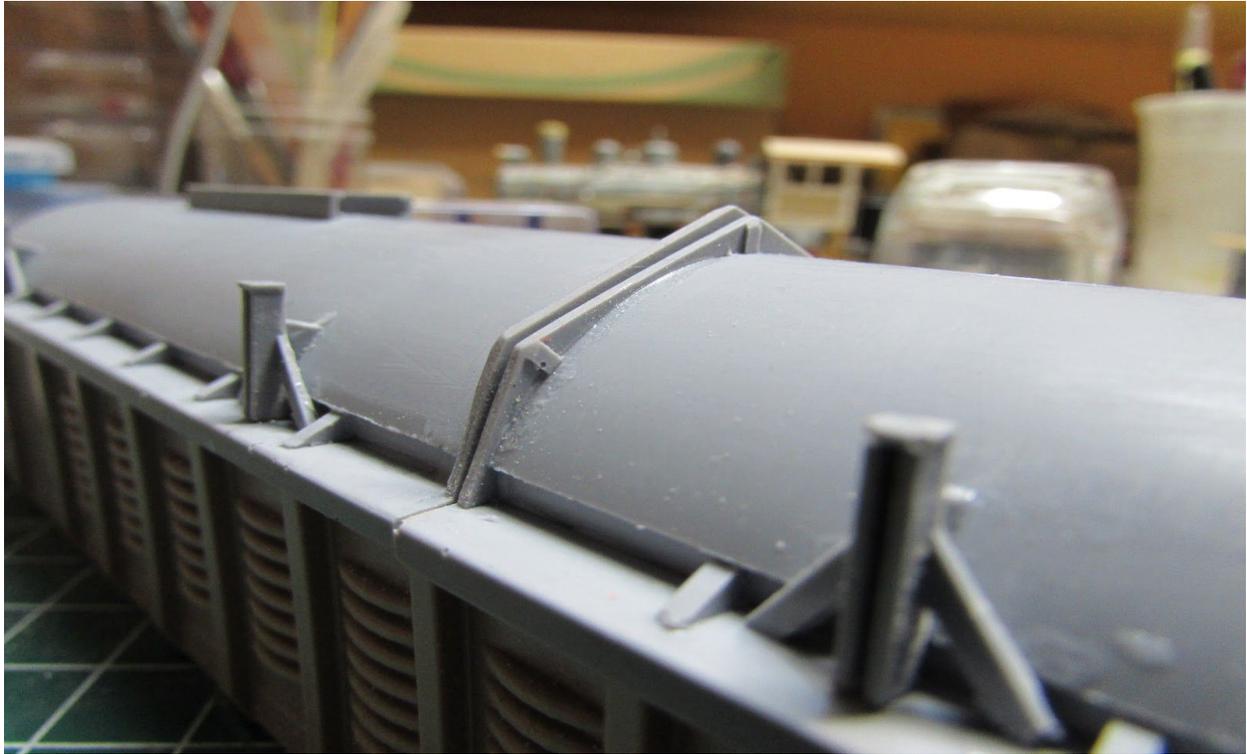
Instructions

Make sure all parts are present. Clean flash from covers. Sand the back of the flashing sheet until the flash is so thin you can easily peel out the parts. Finish cleaning the flash off these parts.

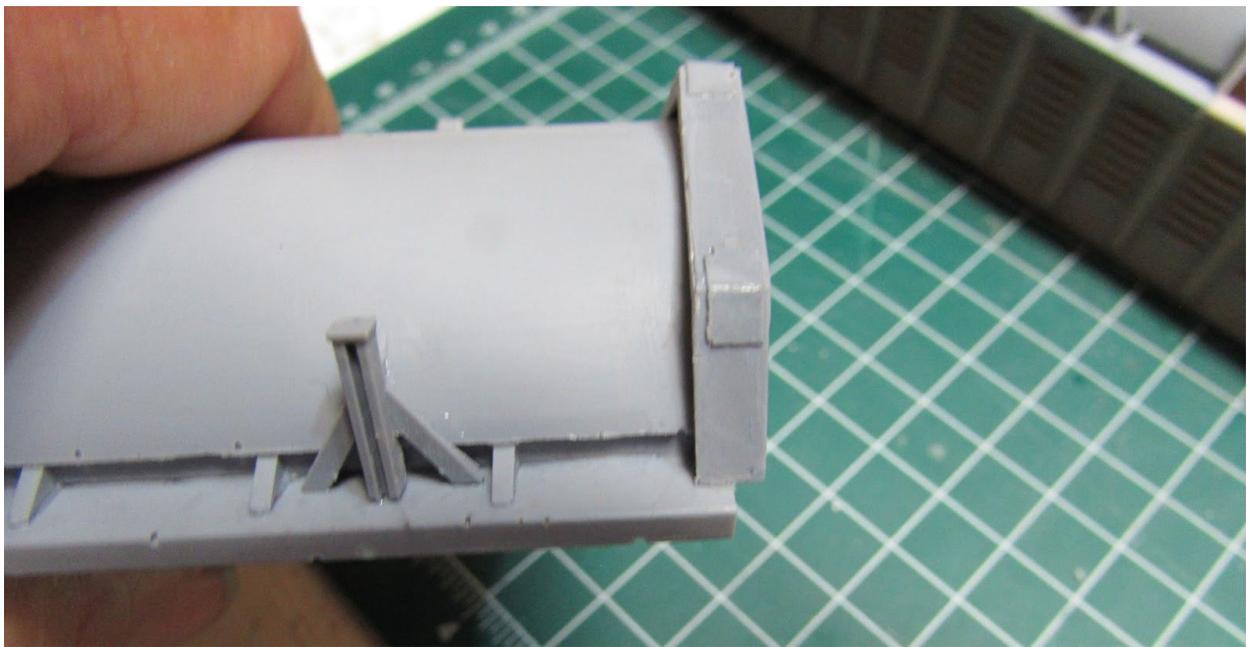
Drill holes for the grabirons. There are dimples to help you start the holes. Slip a grabiron through the hole in the rib, then insert the ends of the grabiron in the outer holes. Secure with a small drop of CA at each outer hole.



The 8 standoffs go up against the triangular gussets that are molded into the covers. Hold them in place and apply a drop of CA where the standoff touched the gusset. The glue will “grab” in a few seconds, then you can apply CA where the bottom of the standoff touches the cover.



When the standoffs are secure, place the covers on the gondola. Notice where they meet, one mating gusset is slightly higher. This is the one you want to attach the mating channel to. Hold the cover up-side-down while holding the mating channel in place. The mating channel should not be centered on the gusset. It should be offset so it will fit over the mating gusset of the other cover. Apply a little CA at the spot where your finger is holding it, and let it “grab”. Hold another spot of the mating channel in place and secure with CA. Repeat until you have the mating channel secure.



You may want to paint before attaching the lifting brackets so you can paint the underside of the brackets. The lifting brackets are 3D printed, so I primed them to prevent UV degradation. There are 4 nubs on the inside of the legs to match 4 indents on the top channels to help locate the lifting brackets

Apply decals and seal.



