

Photos 11, 13, 14, 15 and page 8: The “fish-belly” on the side of the C&EI car was created with a 22’ long piece of scale 2”x 4” styrene tapered at the ends. They were attached to the car sides using Testor’s plastic cement and reinforced on the back side with ACC.

Install the air line as per the prototype photos. This is made with 0.020” wire bent as shown. The brackets are Yarmouth Model Works etched eyebolts.

Photos 12 and 15: Attach the retainer valve between the grabs and the brake wheel housing near the top of the side. Run a piece of 0.010” wire down from the retainer valve, bending it to disappear along the slope sheet. Attach the resin coupler lever brackets along with etched eyebolts as shown in the photographs. Bend coupler levers and install. Attach a brake wheel matching the prototype car being modeled. Your model now is ready to paint.

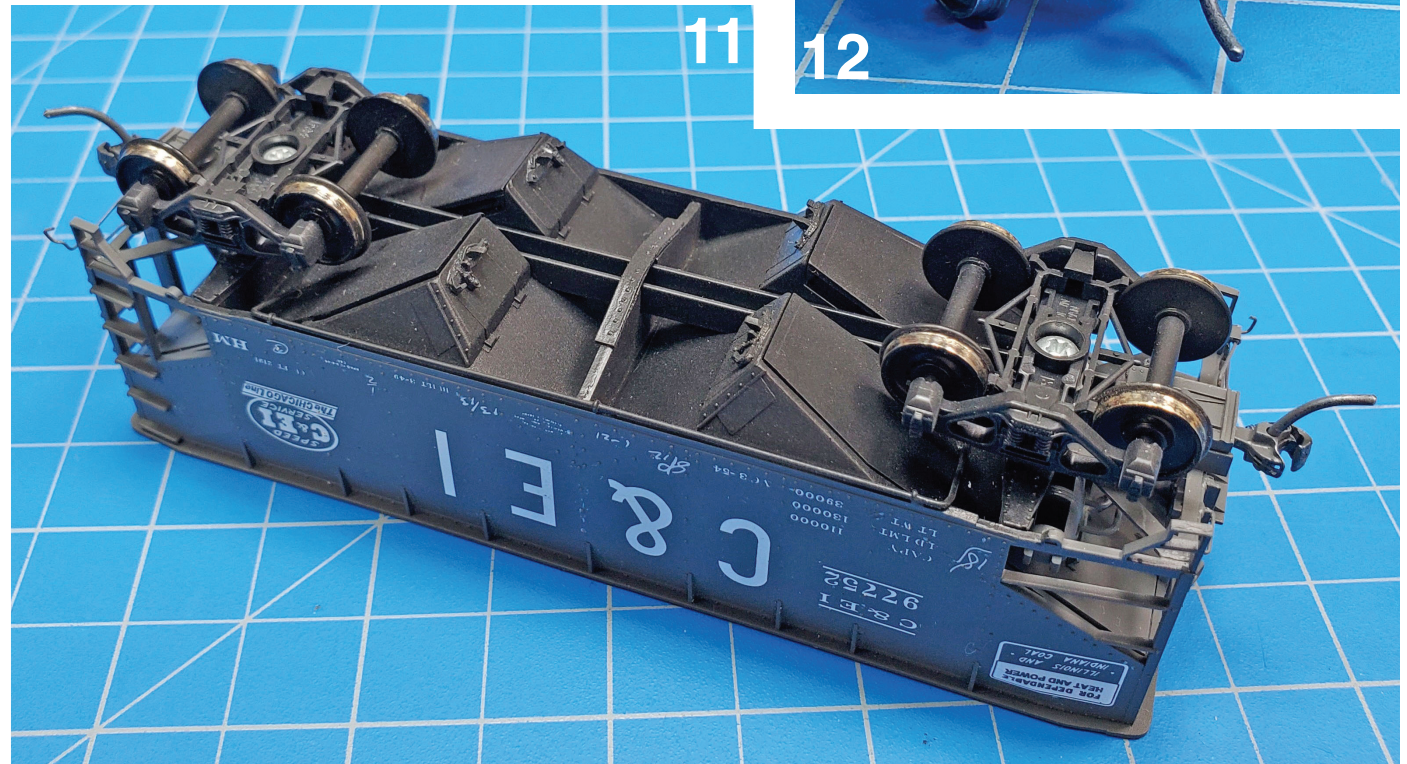
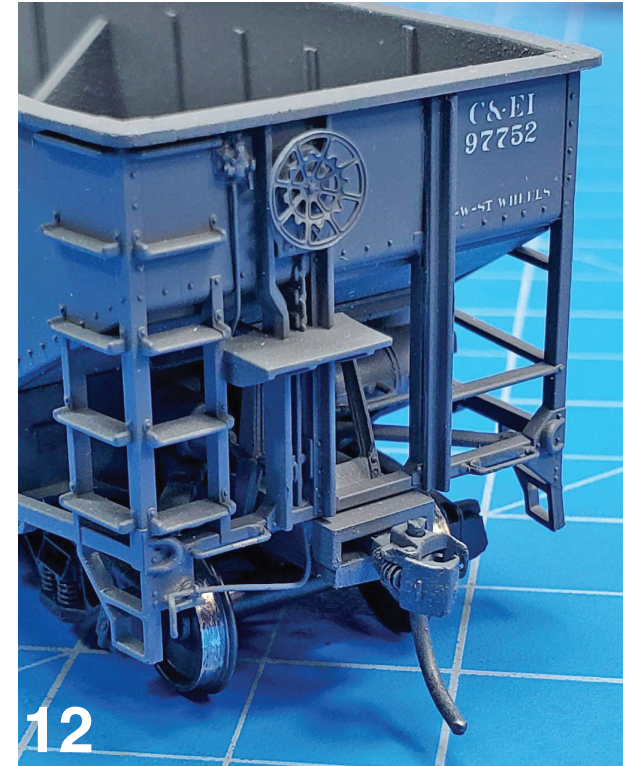
Painting and Lettering

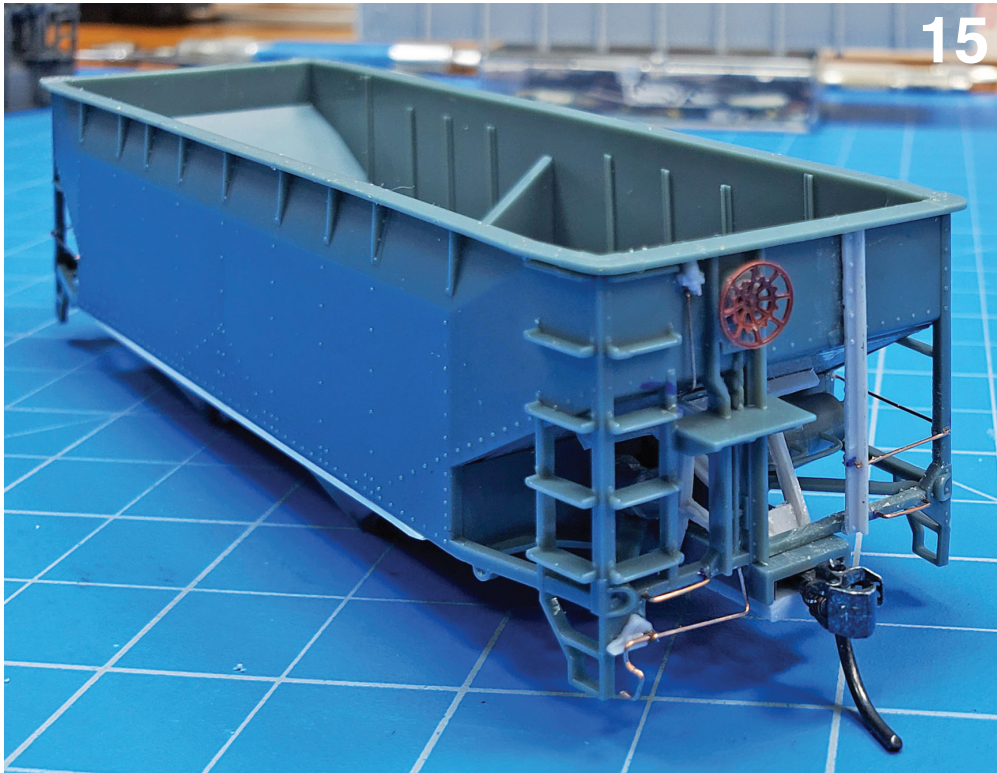
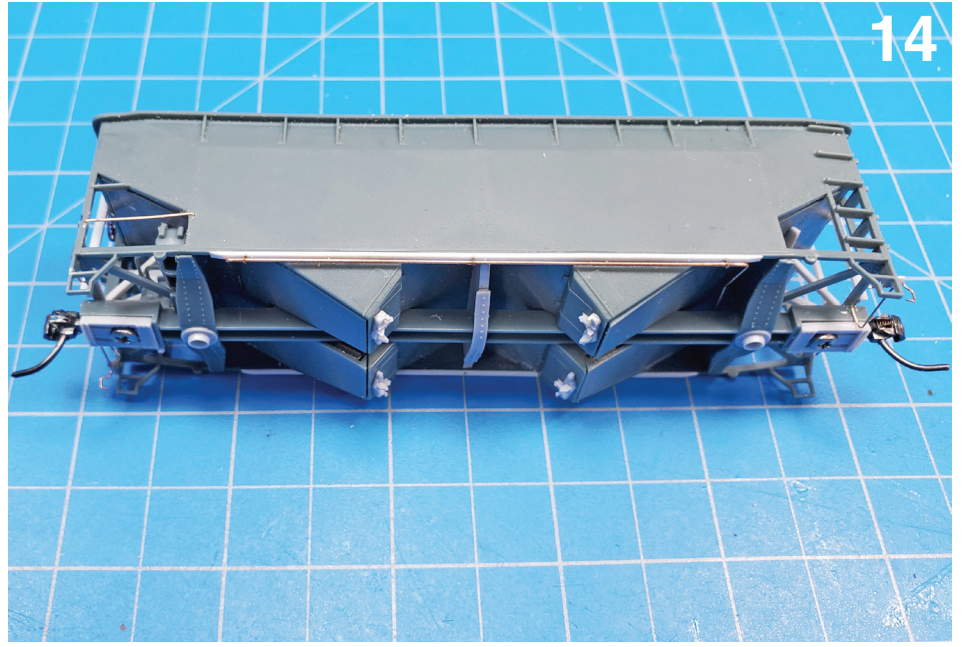
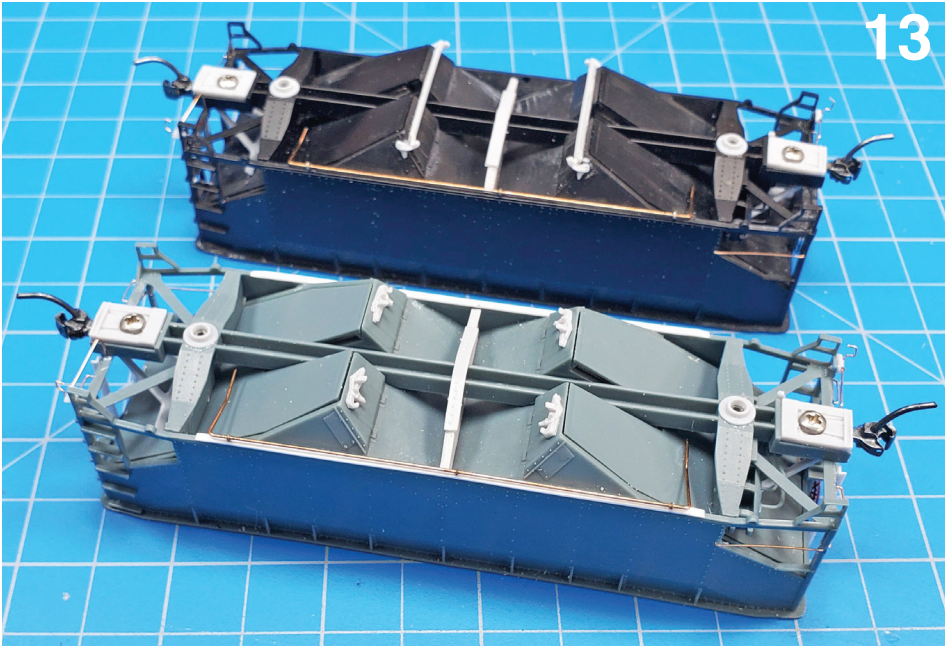
Before painting, wash the car again with Dawn. Rinse and let dry.

For the gray of the C&EI hoppers, I used Scalecoat I #65 NYC Light Gray as that’s what I had. For the MP hoppers, any black will work. The C&EI decals are from Microscale while the MP ones are from Precision Design Company. There is nothing special about application, but it’s recommended that there’s water on the model for decal placement. I used Microscale Micro Set (blue bottle) for placement.

Once the decals are dry, several applications of Micro Sol (red bottle) were used to get the decals settled onto the sides and ends. The decals were sealed with Scalecoat I Flat Glaze. Once everything was dry, the trucks were installed.

After weathering, the model is ready for the layout. And don’t forget to make the car card for your new piece of freight equipment.







Chicago & Eastern Illinois 97622 from series 97500-97999, built November 1945 by Pullman-Standard. All cars in the series came with Ajax power hand brakes, Enterprise Unit door locks, Apex Tri-Lok brake steps, and ASF A-3 Ride-Control trucks with one-wear steel wheels. The outside of sides and ends were painted Pittsburgh #55666 Carhide Grey or Glidden Grey Steel Car Finish Coat (250 cars each). Black car cement was applied to the underframe and trucks were painted black. Stencils were white. Pullman-Standard photo, Smithsonian Institution, NMAH/Transportation, Haskell and Barker Collection, Negative 4835.