

CONRAIL EX-PENN CENTRAL BOXCAR

HO SCALE

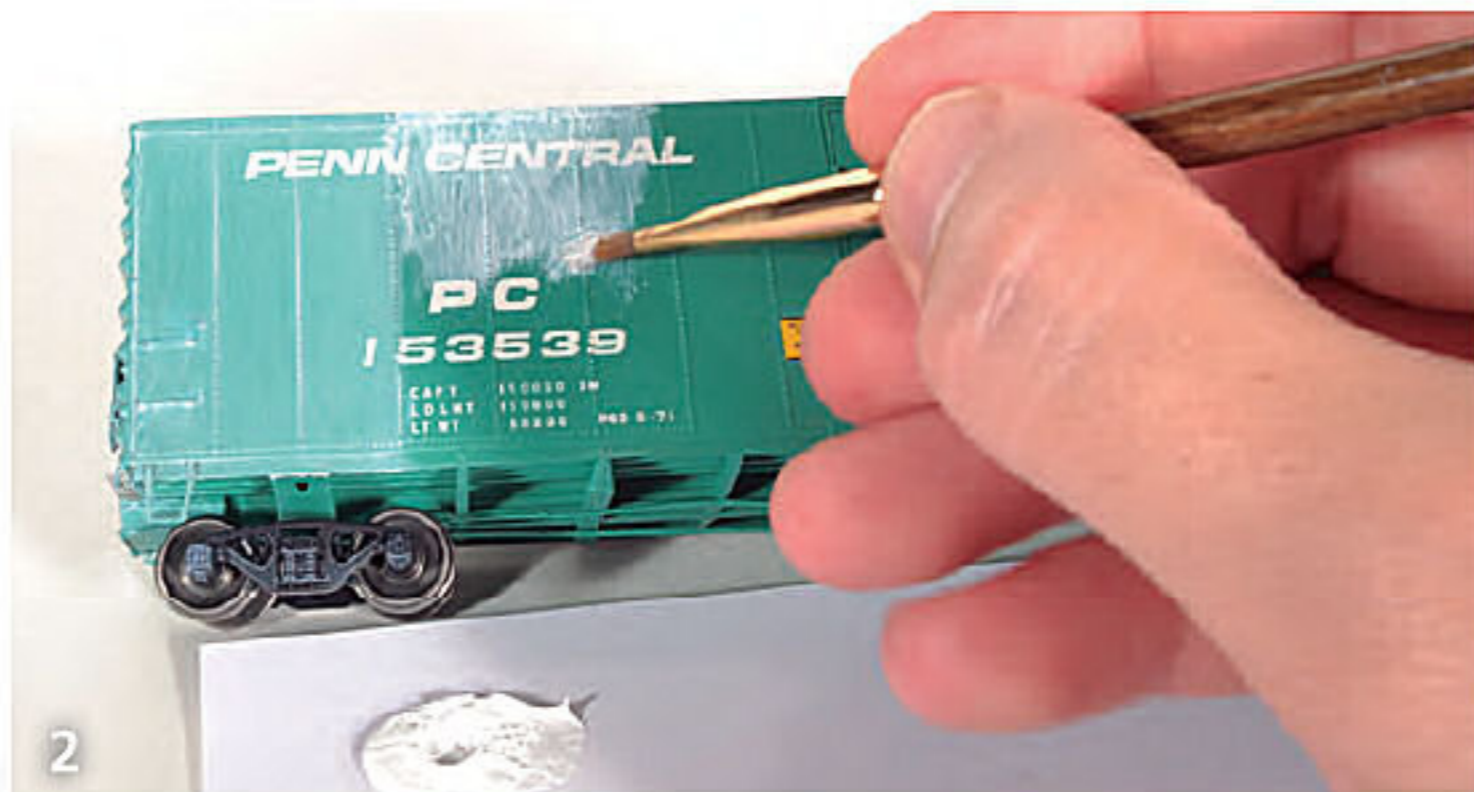


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The quality of model railroad rolling stock has improved greatly over the past ten years. The amount of detailing and exquisite paint jobs on these ready to run models has reduced the need to build and paint models from kits. In this article we will show a few simple techniques for fading the factory paint and adding rust. Using nothing more than some AK Washes and a few oil paints we can transform a mass produced 1:87 model into a unique representation of the prototype.



The 1:87 Model right out of the box, made by Atlas Model Railroad Co. After some modifications and decals we will seal the entire car with Testors Dullcote to prepare it for the fading. Using Dullcote from an aerosol can will work just fine.



I learned this fading technique from my good friend. Begin by placing a drop of Zinc White oil paint onto a notecard. Then, working on three panels at a time use a small flat brush to cover the desired area.



3 Using a soft filbert brush, remove some of the paint and smooth out the finish. Wipe off any excess paint from the brush on a soft piece of cloth.



4 A fan brush is used to remove any remaining brush strokes. The white oil paint will need about 2-3 days to fully dry. Once dry, seal it again with Dullcote to prepare the model for following washes and filters.



5 Rust is applied to the roof by stippling on rust tones of oil paints. Lightly flood the edges of rust with Odorless Thinner to soften the edges and create some slight runoff.



6 Using a trimmed down brush with only two or three bristles, we can add small pits, scrapes, and streaks using oil paints. Make sure the paint goes on smooth and flat, we want to avoid any out of scale texture.



7 Burnt Umber oil paint is used to add darker areas of rust to the middle of the rust spots. The roof was finished by adding some light applications of AK Track Wash and AK Dark Silver powder to the larger areas of rust.



8 To recreate the tiny pits, scrapes, and streaks, we will need to trim down some already small brushes, typically leaving less than five bristles. AMMO of Mig Jimenez, Rust Streaks, Burnt Sienna and Transparent Orange Iron Oxide oil paints work great for streaking effects. For the darker pits and scrapes we will use Burnt Umber oil paint.



Model ex-Pennsylvania box car is this box car, found sitting at Blue Hill, on August 15, 1959. It had been built in October 1959 at the Can Box shops in Hollidaysburg and repaired by the Hollidaysburg shops in 1971. Class 100000's had insulated floors and were in gener-

al service while X53's were fully insulated. It is interesting to note that X53's cars were the first example of all cross-bearing (small cross-ties between bearers) making for an extremely strong construction. Were known to be in coal steel service? (Ron Pizzetti)



Working from a prototype picture as your guide is one of the best ways to insure that your weathering will look believable. The model will represent a car that is five to ten years older than the prototype picture and painted out for its new owner. If you look closely near bottom of the car you can see that the rust is in the same location as the picture.



Using a small brush with longer bristles, pick up a small amount of Burnt Sienna oil paint by slowly pulling the bristles over a drop of paint. Almost like putting paint on the edge of a razor blade. Slowly pull the brush down the model, the longer bristles will help keep the streaks straight.



A small flat brush dampened with White Spirit is used to soften the edges and straighten the streak if necessary. AK Rust Streaks can be used on top of the streaks and near the bottom of the streaks to simulate lighter run off.



We can apply horizontal scrapes in the same manner as the streaks, but this time we will use Burnt Umber to simulate older damage. Add tiny streaks from the scrapes and pits using either Burnt Sienna or AK Rust Streaks.

