

Norfolk & Western Caboose

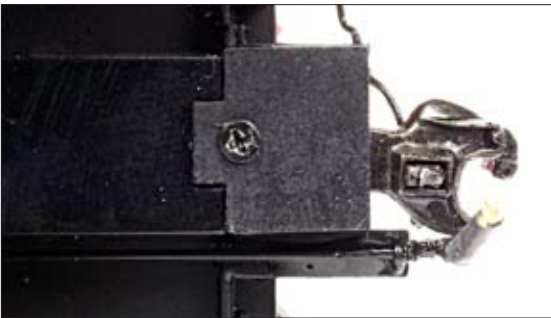
ASSEMBLY & OPERATION INSTRUCTIONS

The Kohs & Company Norfolk & Western caboose is an exact scale replica of the original prototype. It is constructed of formed and fabricated brass, laser-cut wood and incorporates many scale operating features. Although the model is very sturdily built, the carbody, roof and particularly the wood sheathing and detailing are very susceptible to damage by rough or careless handling. To prevent damage, please exercise great care in unpacking and handling the model. It is advisable to handle the model by holding the end platform areas rather than the carbody where fingerprints will show and ultimately have to be removed.

Your new caboose comes equipped with a regulated power supply to power the exterior marker and interior lights, instructions are provided herein for mounting the maker housings to the carbody and for making the electrical connections so that they will illuminate. Your caboose was delivered with scale brass couplers and associated prototypical detail, traditional Kadee couplers can be used in place of the scale couplers and again instructions are provided for making this change. The roof of your model is removable to allow for viewing of the complete interior detailing as well as for placing scale figures if you so desire, follow the provided instructions to access the interior. While your in the interior check out the pinup on the wall!



The marker light housings attach to the carbody in the same way as the prototype, there is a slotted bracket at each corner of the roof that the housing can slide into. Great care must be used the first time the lanterns are mounted as they will be a tight fit due to the painted surfaces. The housing should be lined up with the bracket and using a slight wiggling action, the housing can be seated in the slot. The electrical leads are connected under the roof overhang as shown above, both lights must be connected before they will illuminate.



Kadee couplers may be installed in place of the scale brass couplers that the model comes equipped with, but some of the associated detail will have to be removed to do so. The cover of the draft-gear box is removed by unscrewing the single screw in the center of the cover, this screw also retains the coupler mechanism. With the cover removed the scale coupler can be removed and replaced with a Kadee coupler, the uncoupling bar must also be removed. Prior to installing the Kadee coupler the mounting shank must be narrowed down to allow for an appropriate amount of side to side swing. This is easily accomplished using a file or Dremel style tool. The Kadee couplers are not supplied with the model.



As mentioned, the roof is removable, there are two small phillips-head style screws, one on either end under the roof overhang (as shown at left) that secure the roof to the carbody. With the screws removed, the roof will lift off, it should be lifted straight up so that the related detail will not be bent or damaged in the process. The retaining screws can be left off the model once the cabin car is put into service as the roof is a firm press fit and will hold in place if properly positioned even without the screws. An easy indicator for orienting the roof for re-installation is the position of the chimney stack and the location of the stove.