

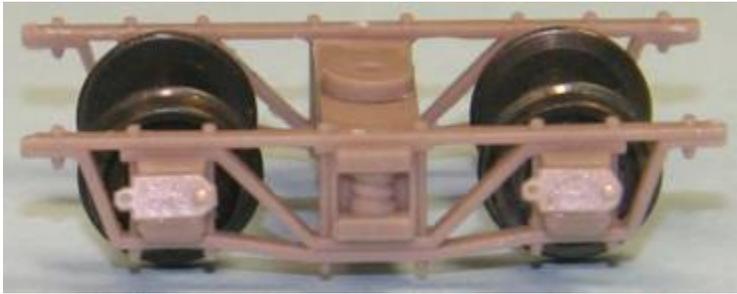


# Smoky Mountain Model Works, Inc.

○ Common Truck • P/N 64n-TK-1a (1 pair)

○ Swing Motion Truck • P/N 64n-TK-2a (1 pair)

## Sn2 Scale (Kadee HOn3 Wheelsets)



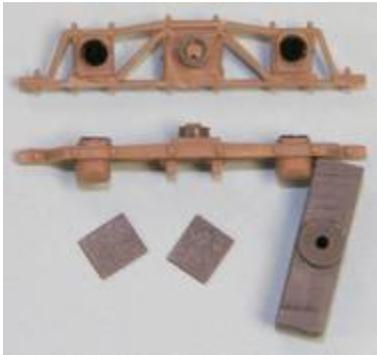
At left is the completed, unpainted “common” style truck; in-process photos show the “swing motion” style. Together, these represent nearly all freight car applications by Maine two-foot gauge railroads. Each truck kit is composed of cast urethane side frames, bolster, a sheet of details, Kadee HOn3 insulated wheels and #0-48 x 1/4” screws.

**Step 1:** Deflash the sideframes by lightly scrubbing with a brass wire brush, then remove the rest with an X-Acto® #11 blade. Trim off the casting and vent sprues using the blade being careful not to remove the NBW details.

*Thoroughly wash all castings with a toothbrush and “Pine-Sol” to remove mold release.*

**Step 2:** (Below left photo) Remove bolster retaining rings and small “plates” from the detail sheet. Use the tip of the #11 blade to remove the flash from the ring’s center and slide over the sideframe pin so that it’s below the pin’s tip, noting that the pin and ring have matching tapers (the “flash” side of the ring is closest to the pin end when assembled). See photo.

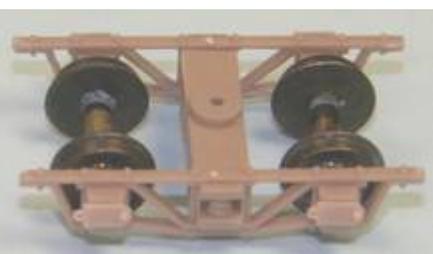
**Revision:** The sideframes have been redesigned to accept Kadee HOn3 wheelsets (Central Valley wheelsets are shown in pix), thereby eliminating Tichy’s Nylon bushings ((2) black parts shown in photo below). The (2) grey covers and the grey bolster remain the same.



**Step 3:** (Center & right photo) Insert the wheels and hold in place with X-Acto® knife handles or similar. Drop the bolster over the pins. There should be no side-to-side “slop” between the bolster and pin retainer ring, only enough to allow rotation around the pin. Press the ring closer to the back of the sideframe to tighten the fit and test again. Once satisfied, put a small drop of CA on the pin to lock the ring in place.

Deflash the bolster screw hole with the #11 blade tip. Place a couple of CA drops around the hole, slide the bolster pad over a #60 drill bit shank, insert the drill shank thru the bolster hole, slide the bolster pad down the shank and glue in place, centered on the bolster. Drill thru with a 1/16” bit for #0-48 screw clearance.

**Step 4:** (Photo below) Attach both cover plates. (Photos at top, center and right) Add the journal box lids for either truck style.



**Step 5:** Urethane castings accept lacquer-based paints better than acrylics due to the problems that sometimes occur with residual mold release. We highly recommend Floquil’s® line of lacquer-based paints as they dry flat and ready for weathering. Mask off the wheel treads and lightly prime the entire assembly using “Grey Primer”. For black trucks, use “Grimy Black”. Brown trucks should be painted to match the carbody color. Apply light weathering to bring out the detail, such as “Grime” and “Earth”. Dry-brushing streaks of rust around the springs, nut/bolt/washer detail and journal box lids adds a degree of “character” to these unique trucks.

We use “Cy-Pox” CA glue to assemble urethane castings and other dissimilar materials. Contact them at [www.cypox.com](http://www.cypox.com) to order.

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