

RC7857 Narrow Gauge Stake Car Assembly Instructions

Chivers Finelines and International Hobbies bring you a line of kits designed for use with the Bachmann™ 0-4-0T and other small locomotives. These kits do not follow any particular prototype, but are typical of small narrow gauge rolling stock used on logging, mining, industrial and short lines. These kits are designed for easy assembly without cutting corners on quality. They produce a neat looking freight car that looks at home on any Narrow Gauge Railroad.

With this kit we offer the guarantee that we will replace any defective part and we extend this to parts broken or damaged in construction. Contact either Chivers Finelines or International Hobbies. This kit is designed to use Kadee™ Mk 5 couplings, body mounted.

Helpful Tools/Supplies

Hobby knife with sharp blades
Small Screwdriver
Small needle nosed pliers
Tweezers
Pin vice

.6mm drill (#73)
1mm drill (#68)

Small file

PBL-804 Nippers (Sold by PBL, PO Box 769 Ukiah, CA 95482 (tel: 7070-462-7680) This is a very handy tool for building any plastic kit.

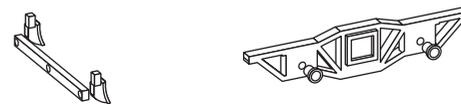
Helpful Hints

Take care removing the parts from the sprues, especially the truck sides. Be especially careful when removing the sprues above and below the truck journals and springs to avoid removing the adjacent bolt heads. Use good quality styrene cement. You will find both the liquid and thicker tube type useful in different locations. If you are using the liquid version take care handling the parts because the plank lines draw the cement away from the joint very quickly.

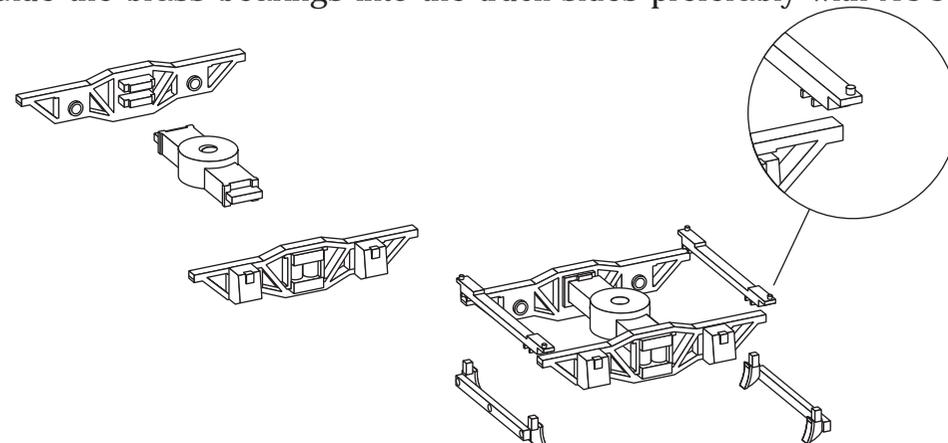
Styrene Cement (Tube/Liquid type)
ACC (Superglue)

Truck Assembly

Glue the Brake pull beam to the back of the brake blocks and set aside to dry.



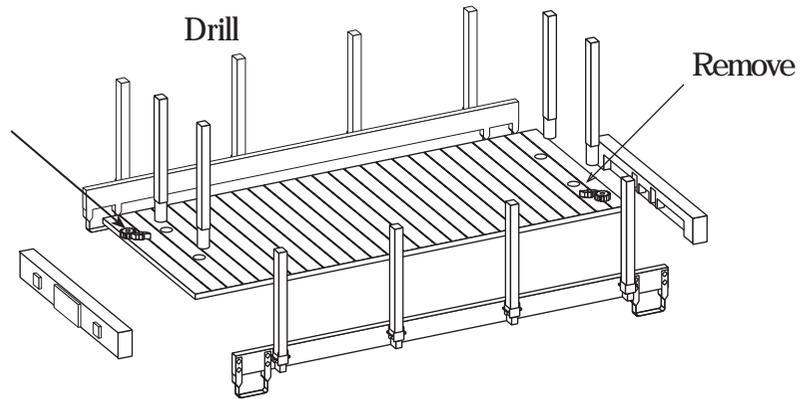
Glue the brass bearings into the truck sides preferably with ACC.



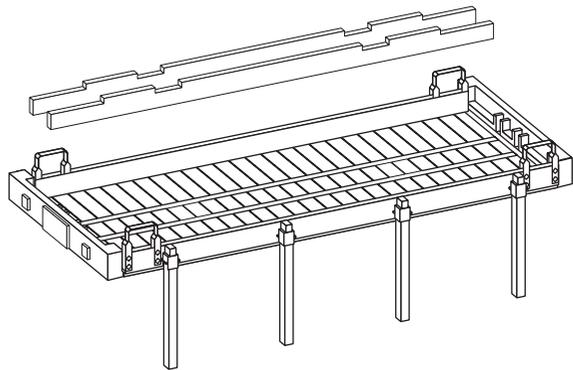
Fit the tongue on the crossbeam into the matching pair of tongues on the truck sides. This should be a tight fit enabling you to put the wheel in place. Press the sides firmly onto the cross beam and stand the assembly on a flat surface to ensure all the wheels are aligned squarely in all directions. When you are satisfied with the alignment drop glue onto the joint between the crossbeam and the tongues on the rear of the truck sides. Handle them with care until the end beams have been attached. Fit the end beams (if you prefer you can attach the endbeams before you glue the centre, it works either way). Note that the bolts are offset towards the end. Finally attach the brake assemblies to the underside of the end beams. Hint: this is easier to do with tube type glue spotted between the locators on the underside of the end beam. Use of a pin or toothpick to apply the glue will help avoid getting an excess amount between the locators. Note that the wheels are insulated on one side.

Underframe and Floor Assembly

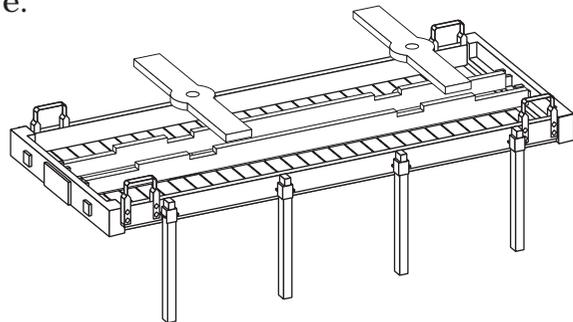
Drill the brake pawls .6mm (#73) for the brake wheel.



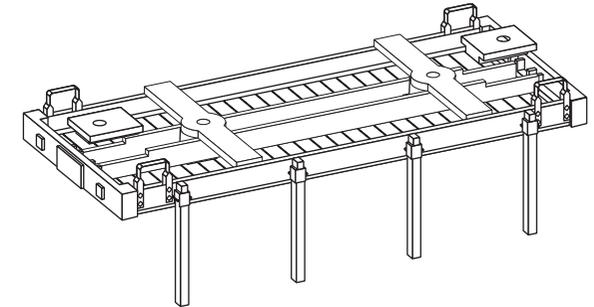
Glue the side sills and end beams to the floor and check for alignment. Glue the main underframe beams into the slots in the ends and across the floor.



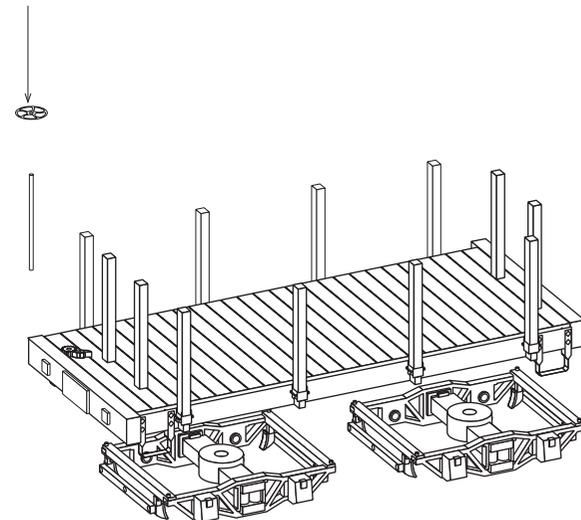
Attach the truck mounting beam (body bolster) making sure that the whole assembly is square.



Clearance between the trucks and the couplings is limited, so you may prefer to attach the couplings with glue. We suggest you attach the coupling to the coupler mount with a mounting screw and adjust whilst the glue sets. Then remove the screw.



Drill .6mm (#73)



Attach the trucks with the screws in the kit. The screws will tap themselves into the plastic. Paint and weather to suit your personal taste. Your Flat Car is now complete. We hope you enjoyed building this kit. We appreciate any suggestions or ideas for new models.