

## History

Tichy's excellent Boom Car has been around for many years, but only builds as a car with a straight side sill. Many roads had similar cars but with fish belly side sills. The included fish belly side sills make building a prototypical car for your favourite railroad easy.

## Instructions

A parts list is included at the end of these instructions. The modeller will need to supply A TICHY TRAIN GROUP BOOM CAR.

Start off by cleaning the resin parts of any remaining mold release. Cleaning with 'Shout', orange type degreaser or dish soap and water will all give satisfactory results. Remove flash from the resin parts by sanding on a flat surface such as plate glass or a bench top. 200-grit sandpaper works well for this. Take your time and make sure to sand the parts to an even thickness. Rotate the part as you go to ensure you don't sand any one area more than the rest of the part. If the castings have any small pin holes, they can be filled with auto body glazing compound or Squadron filler for plastic models.

Follow the kit instructions but substitute the fish belly side sills for those in the kit when you get to that step. The patterns for the side sills were purposely made slightly long, to account for any shrinkage differences between resin casting and that of the moulded kit parts. Sand the resin side sills equally on both ends so they fit between the ends of the car. Glue them in place with CA.

Glue the side boards on before the stake pockets. The mounting holes for the stake pockets are slightly larger than the pins to allow for a bit of play in their placement. Glue the stake pocket in place.

Drill dimples are provided for the grabs at the end of the side sills. No drill dimples are provided for grabs nearest the storage cab, as these locations and type of grab will depend on the prototype car your are trying to build.

Follow the kit instructions for the remainder of the build. To build a more accurate under frame follow our lead to reconstruct the cross bearers.

Start the alteration by removing the rivet strip on both of the cross bearers using a modelling chisel. Next construct triangle shaped fillers from 0.020" sheet styrene. Glue the filler pieces to the kits cross bearers, where the rivet strip was removed. Next add cross bearer caps made from 0.010" x 0.080" strip styrene. They should connect to both side sills. See the included photos for clarification. Add Archer Rivets to complete the upgraded cross bearers.

The pilot model for the kit represents a Grand Trunk Boom Car. The pilot model has some parts which are upgraded from what comes in the Tichy kit. These include Yarmouth Model Works Sill Steps, Hi Tech rubber air hoses, custom bent hand grabs, corner braces with added rivets and Kadee Arch Bar Trucks. Tichy work car windows were added to the storage cab sides and end that faces the deck. A stove stack was created from styrene rod with brass sheet used to form the rain cover.

### Painting and Finishing

Before painting be sure to clean the model with mild soap using a soft toothbrush. Let it dry completely. A primer coat will always yield better results in your paint finish. Take this opportunity to spot sand out any imperfections before applying the top coats of paint.

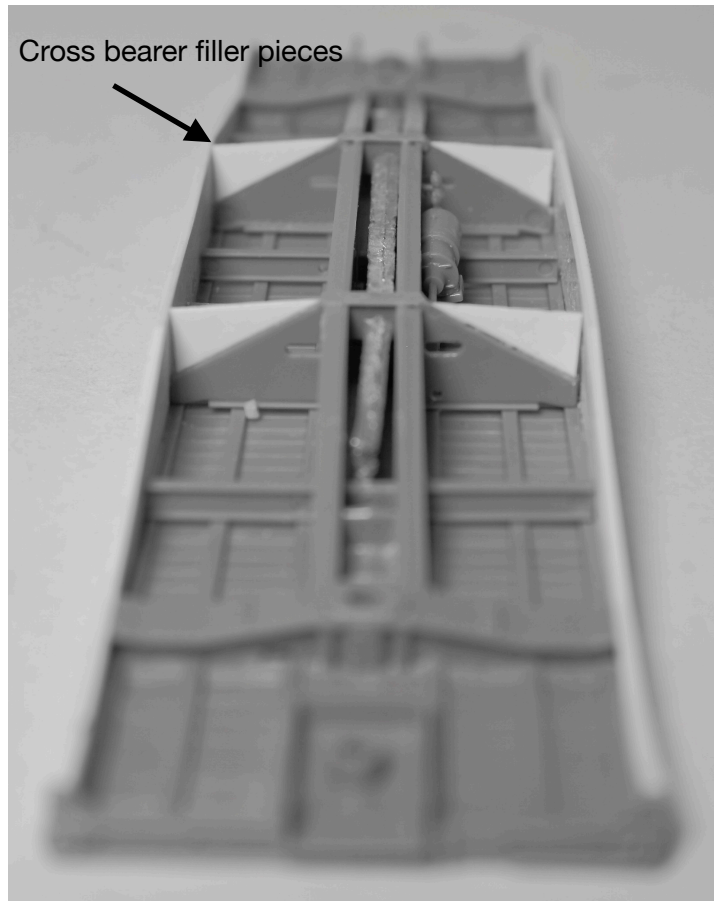
Apply the decals (modeller supplied to match your prototype) using water or Microscale Microset. Allow them to dry completely before applying setting solution like Microscale Microsol. Just touch the decal edge with your brush and let capillary action pull the setting solution under the decal. Seal the decals with Tamiya XF-84, or your favourite clear flat

Thank you for purchasing this Mini Kit.

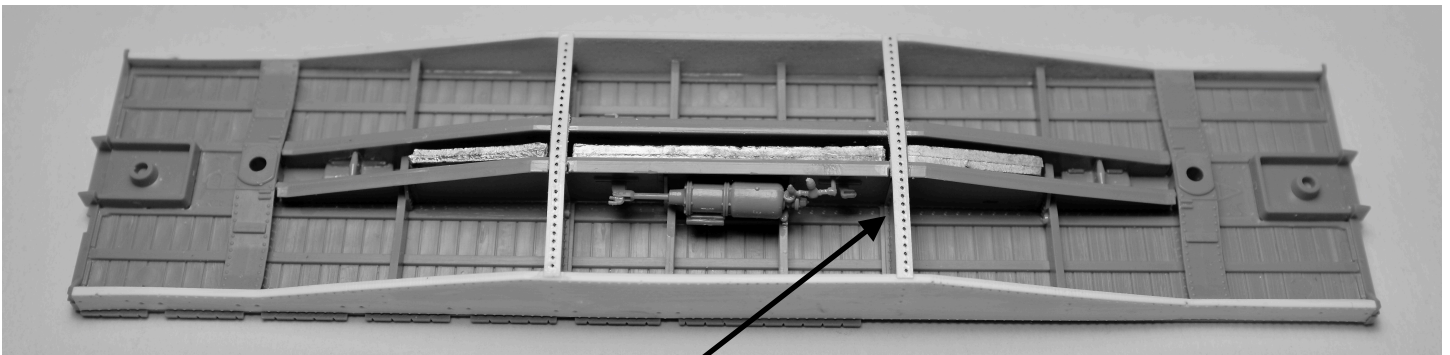
### Parts Included in This Kit

- Resin Side Sills
- 0.020" Styrene Sheet
- 0.010" x 0.080" Styrene Strip

The castings are the property of National Scale Car and may not be reproduced in any form.



Cross bearer filler pieces



Cross bearers caps with Archer rivets.