

COMPANY B

ARMORED TRAIN INSTRUCTION MANUAL

I am sure there are better ideas out there than those which I illustrate below so please let us know any tips or tricks you may have.

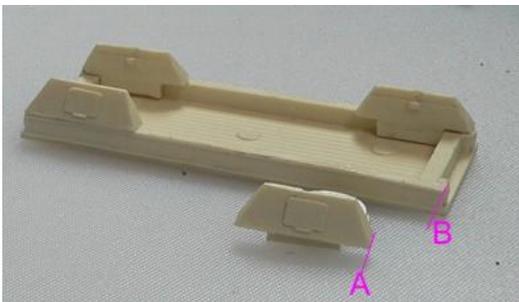
Tools required: files, small drills, super glue, a dash of common sense

As with any model or figure first sand and file any bumps and ridges. Fill any holes that don't belong. Pay particular attention to the protrusions caused by the resin casting process. These are easier to put in a less critical place on a vehicle than on this train.

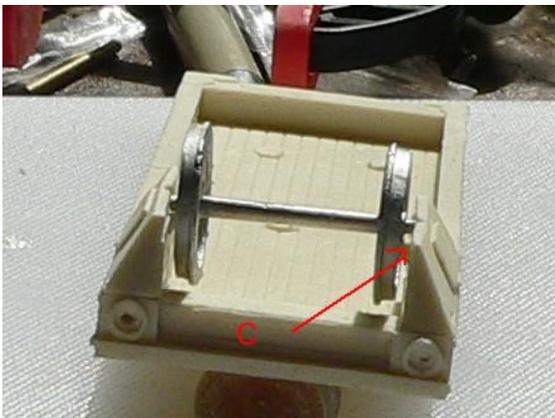
The Flat Car

If you have the second production flat cars with the wheel covers cast to the car proceed to step 2.

Step 1: Glue on the wheel cover boxes. Make sure that edge A aligns with edge B. This is critical in making sure your flat car properly sits on the track.

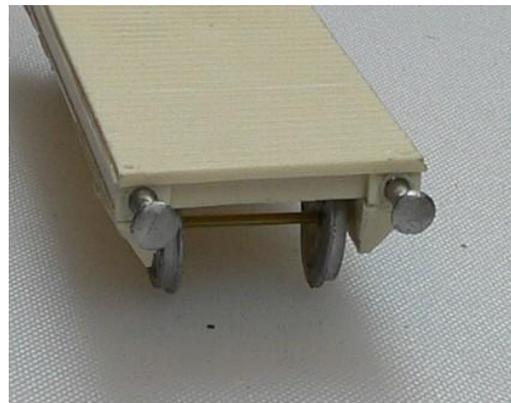


Step 2: Glue the axle ends onto the step provided (C). Make sure that the axle sits down right on the step. Also make sure the axle is perpendicular to the sides of the car. That will insure that the flat car rides straight on the rails.



Step 3: Glue the wheels to the axles being sure that they snug right up against the step. If the axles are snug to the step and perpendicular to the flat car body they will be in exact gauge to sit on the track.

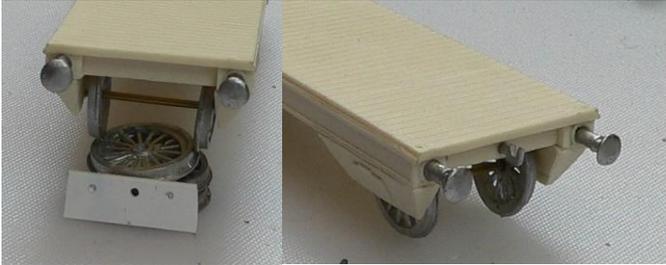
Step 4: Glue the buffers into the holes provided. Make sure they are straight and level.



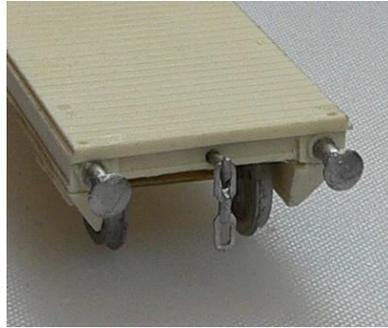
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Step 5: I made a template out of scrap plastic to consistently locate the coupler hook hole. The back of the hook should sit even with the end of the flatcar floor.



Step 6: The chain is used to connect cars. Glue it on or use separately as you wish.



The Engine Tender

Step 1: There are 6 large wheels for the engine, glue them onto the axles. Make sure that the counterweights are in the same relative position. Glue the 4 medium wheels for the tender to their axles. If the wheels are snug to the collar and perpendicular to the axle then they will be in gauge.

Step 2: Glue the engine wheels go into the 3 position wheel guide and the tender wheels into the two position wheel guide. Make sure the counterweights on the engine wheels are all in the same relative position. It makes no difference if they are top, bottom, left or right. They just all need to be the same. Use the track as a guide to make sure the wheels are parallel and that the resin guide is centered over the axles and parallel to the track.

Step 3: Turn the engine upside down and place the wheel assemblies in position. Eyeball the wheels for level. You may need to shim or trim a tiny bit to make them so. The track section is a good guide.



Step 4: Glue the wheel guides to the tabs on the engine tender body. Position the engine/tender on the track making sure it is level, and centered over the rails. Let the glue dry thoroughly.



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Step 5: Glue on the buffers and coupler hooks front and rear.



Step 7: Glue on the hinges



Step 6: Glue on the smoke stack and headlamp.

