CONCEPT MODELS

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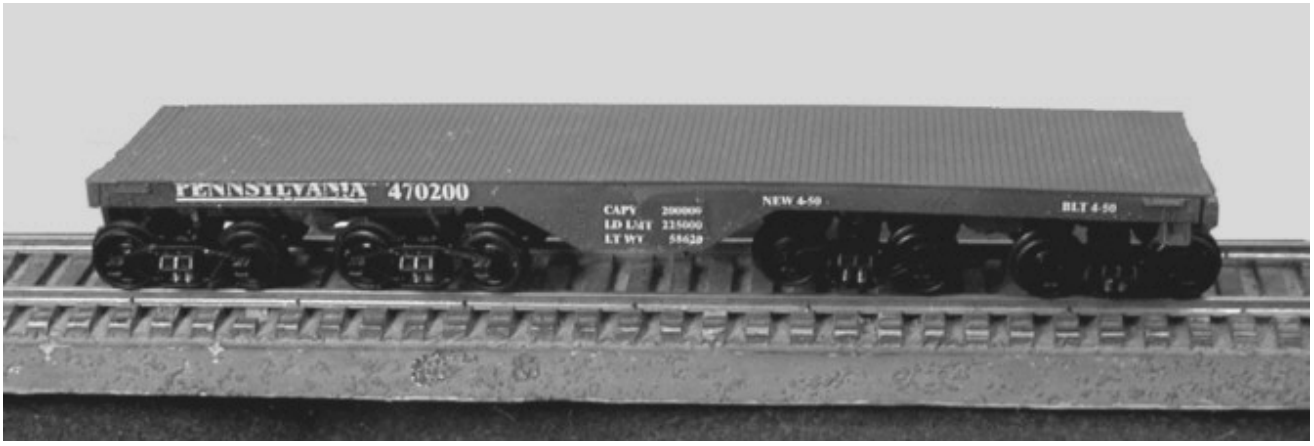
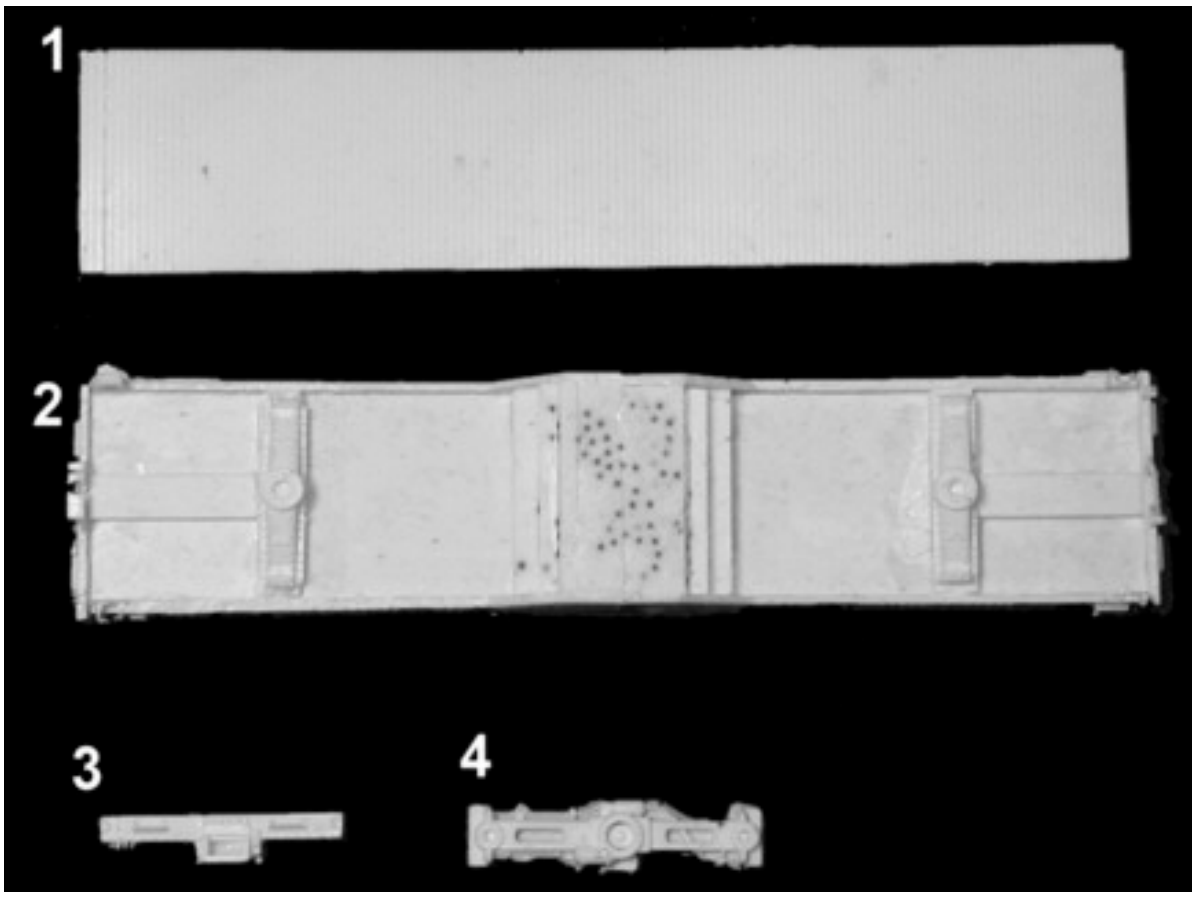


INSTRUCTIONS FOR PRODUCT
200-TON FLAT CAR

PARTS – 200 TON FLAT CAR



Item No.	Part No.	DESCRIPTION	QTY.
1	7011-1	Deck	1
2	7011-2	Main Body	1
3	B-25	End Sills	2
4	B-34	Span Bolsters	2

GENERIC PARTS	QTY.
3/16” Pan Hd. Screws	2
Brake Staff (Pin)	1
Brake Wheel	1
Coupler Pockets (Set)	2
Instructions	1

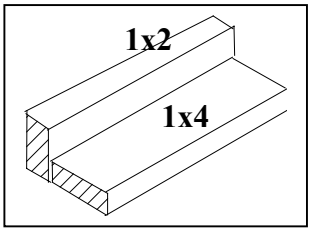
Tools

All basic model workers tools – files, motor-tool with fine burrs, hobby knife, Wood blocks for holding parts square, metal square, etc.

Drills: 1/8", #76, #72, #68, #50 (2-56 tap drill), #65

Music Wire .020" for handrails. Athearn stanchions for tanks cars.

Pins (dressmaker type) for attaching brake wheels and other items.



This fixture is a great aid to assembly. It helps hold parts square while gluing and aids in drawing horizontal lines on tanks for tank cars.

Instructions

NOTE: This kit consists of resin castings and must be assembled with an ACC cement (not provided) – both the thicker types as well as the thin. Solvent cements will **NOT** bond the parts together! They can dissolve them. Resin parts are more fragile than common styrene plastic used in injection molded models. Use reasonable care in handling and do not apply any solvents. The illustrations at the front show the general layout of parts for the car. Work very carefully when positioning the parts for gluing. ACC cements adhere very quickly and permanently.

Gluing with ACC Cements – USE WITH CARE

ACC cements allow the modeler to work very quickly. A general rule is to use the thin cements to glue long joints taking advantage of capillary action that makes the cement run the length of the seam. The thicker cement is suited to applying large area parts to each other. An accelerator can be applied sparingly. One technique is to apply the glue to one part and the accelerator to the other part to be joined. I also use a Q-tip to apply a minute amount of accelerator to the glue after the parts have been joined. The accelerator triggers the ACC cement to set very quickly. It is only slightly slower with the thicker cement.

PREPARATION

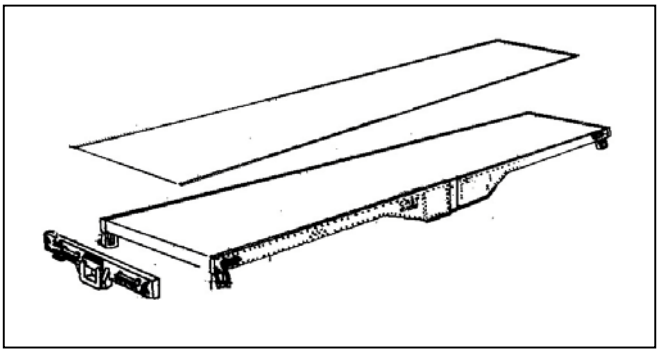
Wash the parts before assembling with a dish washing detergent such as "Dawn". Rub lightly with a soft sponge.

WARNING

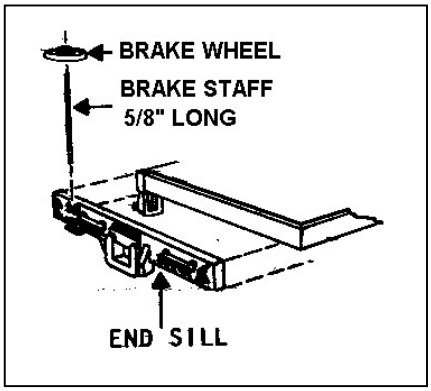
Some parts may have lead encapsulated within them. In the event the lead is exposed for any reason, do not allow it to remain on the skin. Dispose of any lead shavings that may result. Obey all safety precautions of all suggested cements and assembly materials.

ASSEMBLY

1 Cement the Deck (1) to the Main Body (2). Attach the end sills.



2 Cement the End Sills (3). Cut the brake staff out of the supplied pin and cement it and the brake wheel to the car as shown.



3 Attach the trucks of your choice to the Span Bolsters. Use the truck-span assembly as a guide to position the body bolster of the underframe. Make sure the trucks can swivel sufficiently. Cement the Body Bolster in to the position you prefer for good clearance,

After painting, install the trucks by attaching the span bolster to the body bolsters on the car body.

PAINTING

1) If you followed the instructions for cleaning the parts before assembly, you are ready to paint. A primer such as Floquil's is recommended. Allow to dry overnight before proceeding with any of the color coats.
2) Overcoat entire car with Testor's Glosscote prior to decaling. If you decal over the Glosscote as soon as it is dry to the touch, decal adhesion is improved.