CONCEPT MODELS

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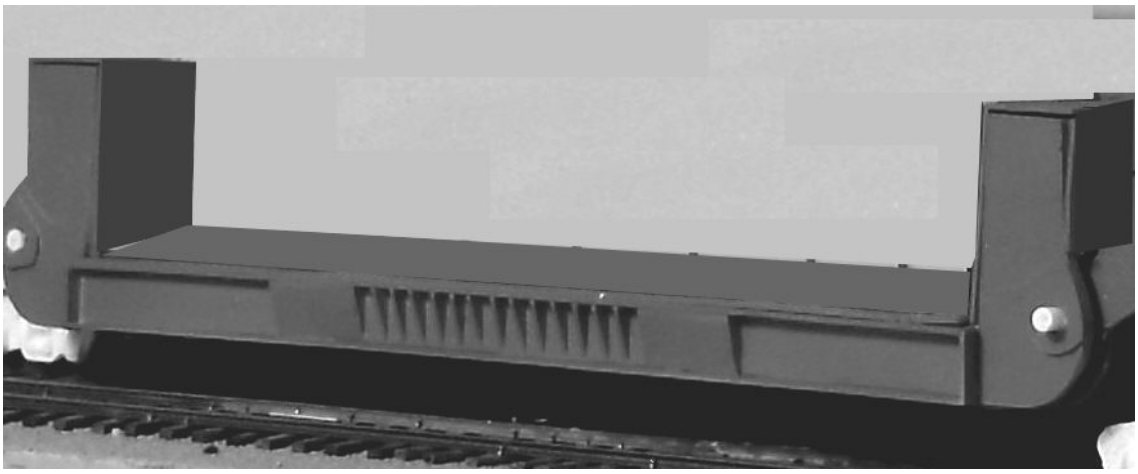
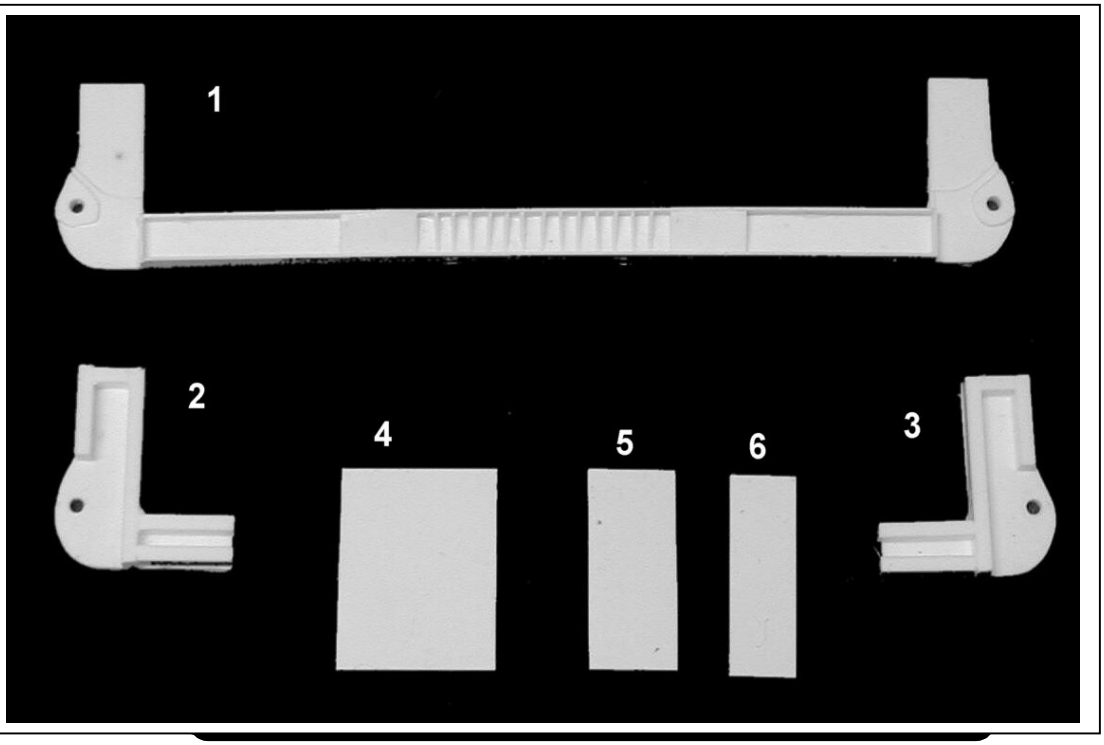
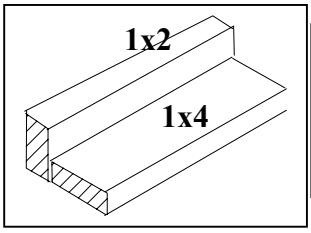
8331 Sheep Ranch Rd.
Mountain Ranch, CA 95246





Tools

All basic model workers tools – files, motor-tool with fine burrs, hobby knife, 1/8" drill, Wood blocks for holding parts square, metal square, etc.



A gluing fixture is a great aid to assembly. It helps hold parts square while gluing.

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! 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.

WARNING

Some parts 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.

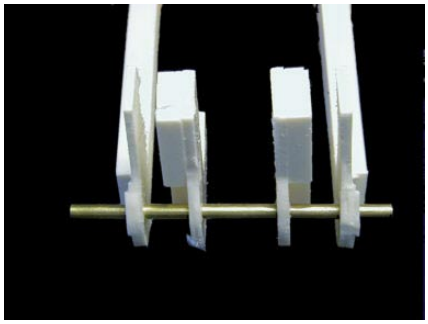
PAINTING Wash the parts before assembling with a dish washing detergent such as "Dawn". Rub lightly with a soft sponge. Use a lacquer based primer such as floquil.

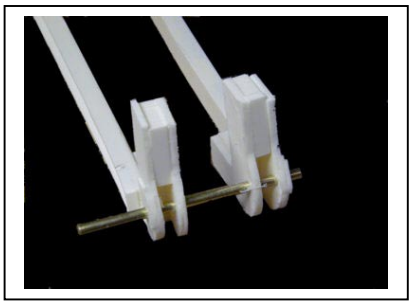
PARTS

Item No.	PART NO.	DESCRIPTION	QTY.
1	6522-1	Cradle Side	2
2	6522-2	Left Inboard Cradle Support	2
3	6522-3	Right Inboard Cardle Support	2
4	6522-4	9 x 12 s.f. .030” styrene	2
5	6522-5	5 x 12 s.f. .030” styrene	2
6	6522-6	3 x 12 s.f. .030” styrene	2
7	6522-7	12 x 46 s.f. ,030 styrene	1

ASSEMBLY

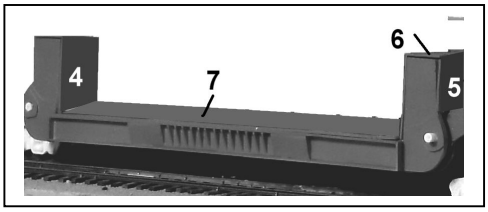
1 Set up the cradle sides (1) and the inboard supports (2 & 3) as shown on a 1/8” brass rod (not supplied).





2 Cement the pieces as shown carefully aligning the inboard supports to the sides. File to square off as necessary.

3 Use the sheet styrene pieces to sheath the cradle. Set up the cradle in the schnabel car to check for fit; then apply parts 4 first keeping the sides parallel. Apply parts 5,6 and 7 in that order. Apply filler putty to any seam gaps.



PAINTING

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. For any parts to be painted a color , the color should be preceded by a coat of white since many pigments are translucent and the color of the primer has an effect – especially on very light colors. For items to be painted white - at least two coats are recommended with overnight drying in between the coats.

Colors:
Girder and cradle assembly – Red
Main Bolster – Lt Blue – try 1/2 White and ½ Lt. Blue.
Truck bolsters and end platforms – White

Overcoat with Testor's Glosscote for decaling. After decaling overspray with Testor's Dullcote to protect the decals.