CONCEPT MODELS

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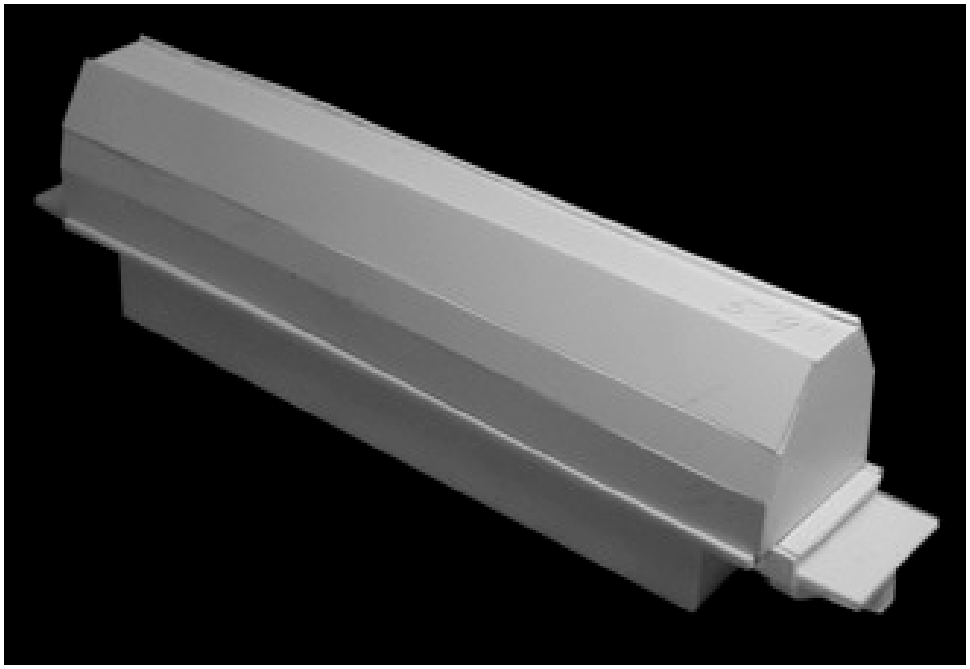
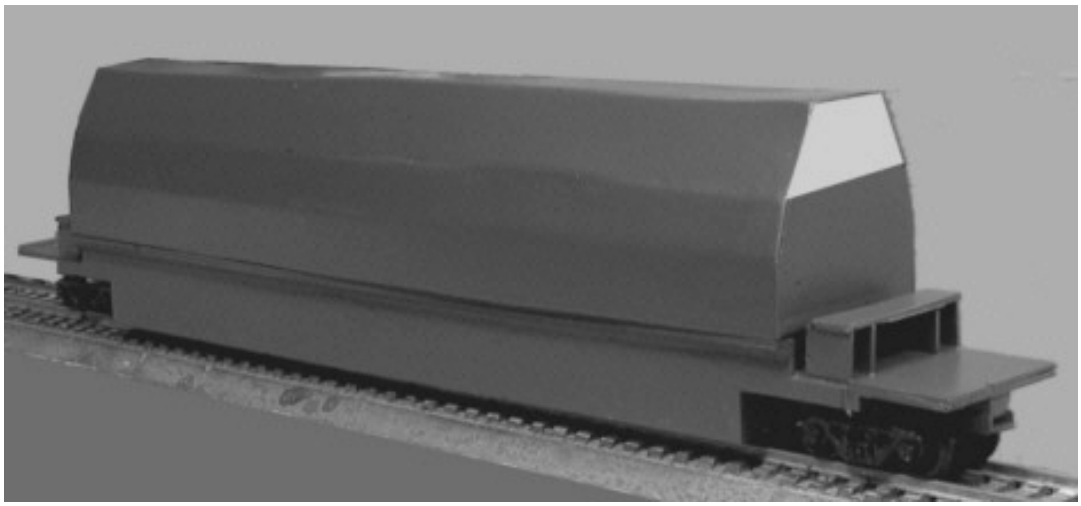
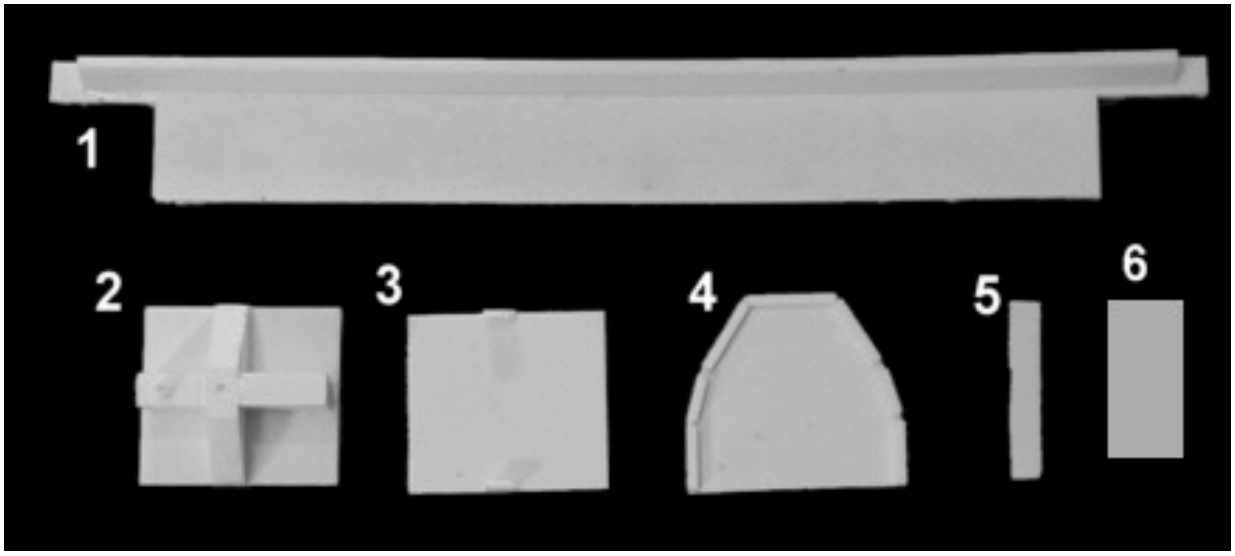




INSTRUCTIONS FOR BOEING CANOPY CAR FOR 777 PARTS

PARTS

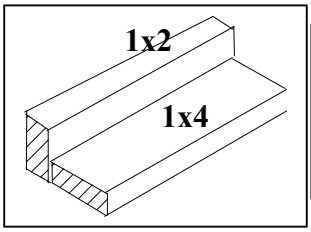


Item No.	DESCRIPTION CASTINGS	QTY.
1	Car Side	2
2	Bolster & Coupler Assy.	2
3	Top Deck	2
4	End & Interior Brace	5
5	Decking	2
6	Well End	4

Item No.	DESCRIPTION STANDARD HARDWARE/SUPPLIES (s.f.) = scale feet	QTY.
A	Top Sheathing Styrene 5’9” (s.f.) x 63’9” (s.f.)	1
B	Top Side Styrene 3’0” (s.f.) x 63’9” (s.f.)	2
C	Middle Side Styrene 5’0” (s.f.) x 63’9” (s.f.)	2
D	Bottom Side Styrene 4’0” (s.f.) x 63’9” (s.f.)	2
E	Floor 10’0’ s.f. x 54’6” s.f.	1
	2-56 x 1/8” Screws	2
	Coupler Pockets	2
	Decals	1
	Instructions	1

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.

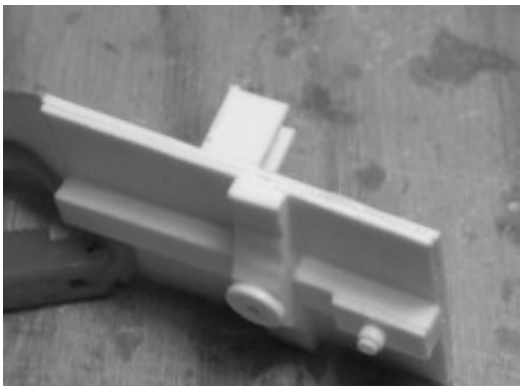
WARNING

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.

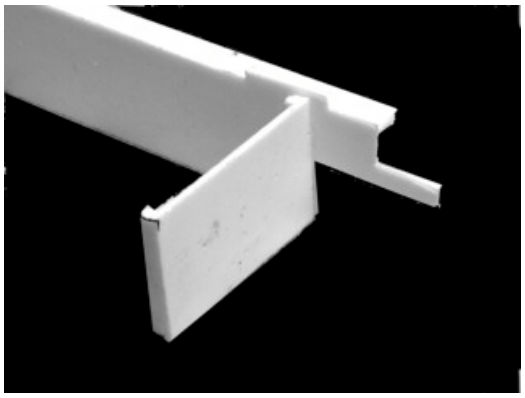
PAINTING Wash the parts before assembling with a dish washing detergent such as "Dawn". Rub lightly with a soft sponge. Use a lacquer based primer such as floquil.

ASSEMBLY

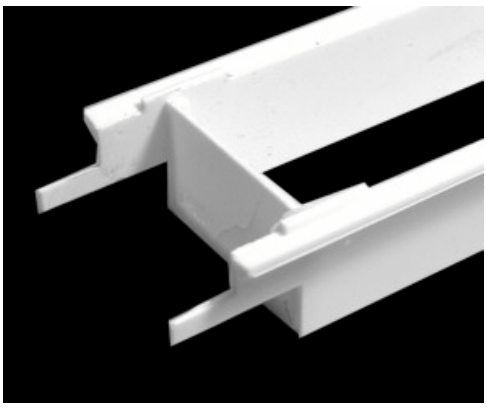
1 In the following steps make two identical assemblies. Orient the Top Deck (3) to the Bolster & Coupler Assembly (2) as show and cement together with ACC cement.



2 Glue one of the Well End (6) to the Car Side (1) as show. The Well End is positioned with the un-braced side up. The braces should be oriented towards the well opening. The bottom of the pieces should be even. The braced area at the bottom of the Well End allows for installation of the floor. Make two identical assemblies.



3 Now orient the cars side and well end assemblies as shown and glue to make the box like structure of the well.



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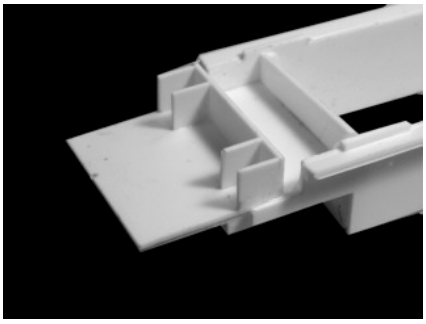
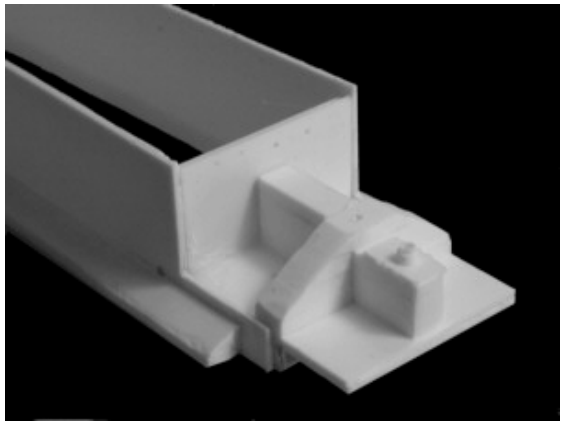
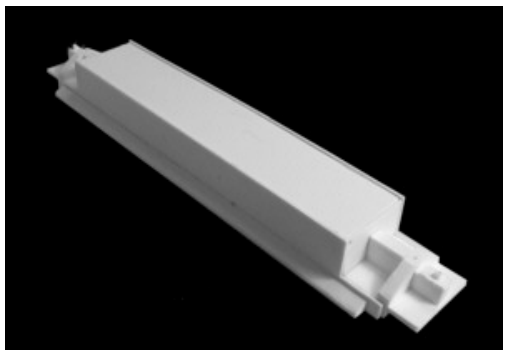
4 Cement the Bolster assembly to the well as shown.



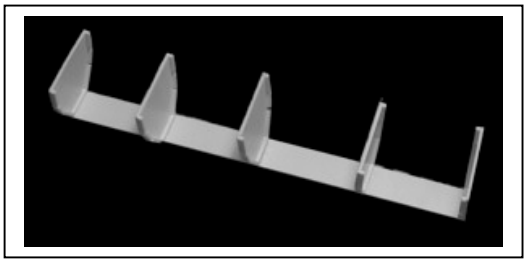
5 Join the two “L” shaped assemblies shown and repeat for the other end.



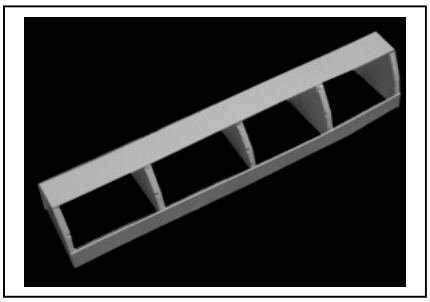
6 Add the styrene floor (E) by cementing to the bracing lip of the well end. After cementing both ends make sure the floor is straight and apply a bead of cement to the inside sides of the well floor.



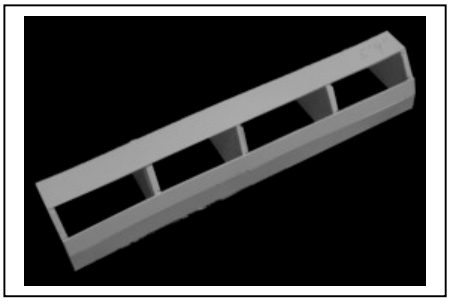
7 Cement all 5 End/Interior Braces (4) to the Top Sheathing (A). Make sure to get the braces cemented evenly to the top.



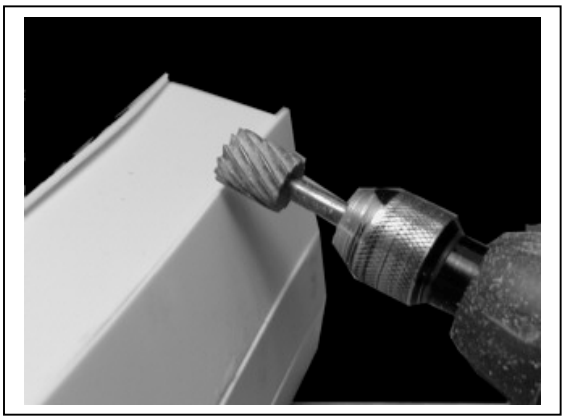
8 Cement the Middle Side Styrene (C) to the canopy assembly as shown. (both sides)



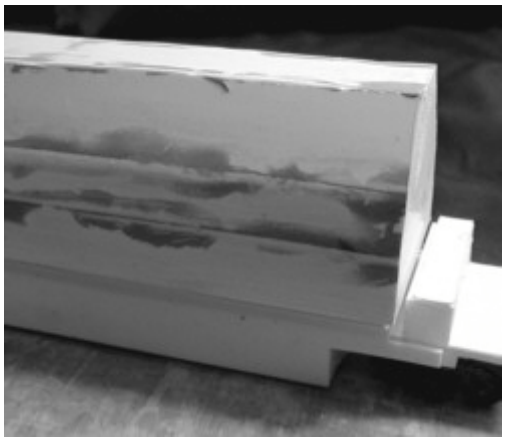
9 Cement the Top Side (B) to the assembly.



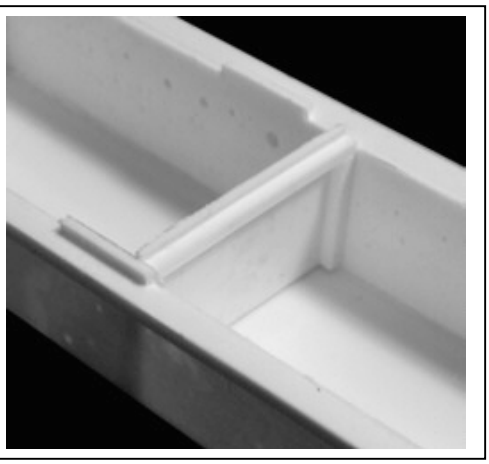
10 File any protruding edges at the top of the canopy flush with the top. I like rotary filing for roughing out the shape and then using a small file for finish work.



11 The assembled canopy joints should be filled with Squadron Green Putty and filed snmooth.



12 Install the remaining two well ends as shown. File off the lip of the part if you like.



13 Decal details that we've used to create or decals.

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 Glosscoat prior to decaling. Afer decals have set, apply Testor's Dullcote.

DECALING

The decals provided are a very thin film decal film. Success with these decals depends on following these instructions.

1) Cut out the decal segment you are going to apply.
2) Dip the decal in warm water which has had 1 drop of DAWN kitchen detergent. Do not leave the decal to soak in the water.
3) Slide the decal directly onto the wetted surface with a small brush. Position with the brush. Remove excess water with a tissue.

NOTE: The glue used for the decal sheet is different than what has been used in the past. The water does not dissolve the glue. Water causes a chemical reaction causing an almost immediate release of the decal. For this reason once the decal has been wetted it must be used quickly. It cannot be re-wetted later for use.

4) Top coat the decals with Testor's Dullcote for best results.