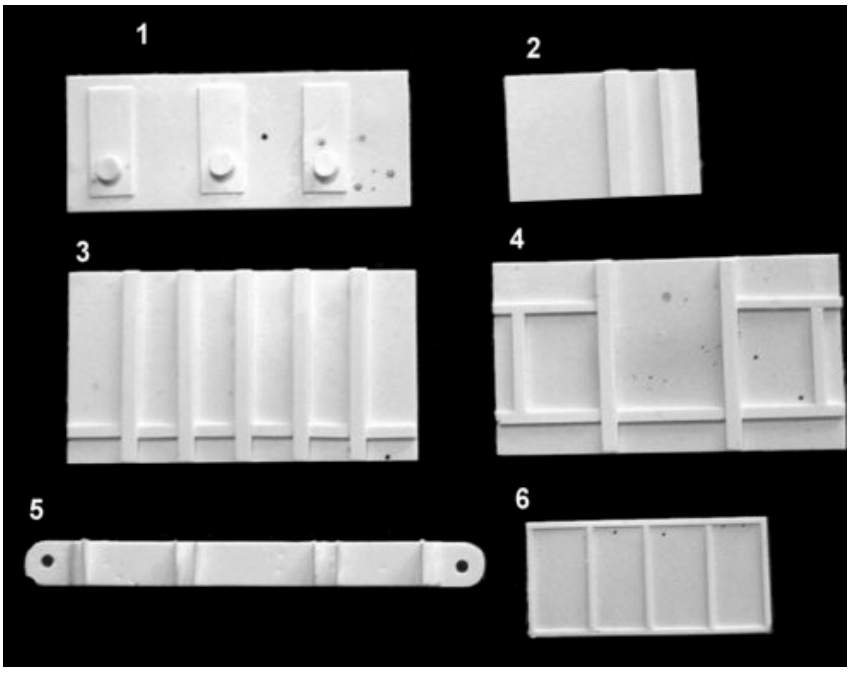
CONCEPT MODELS

Web Address: http://www.con-sys.com

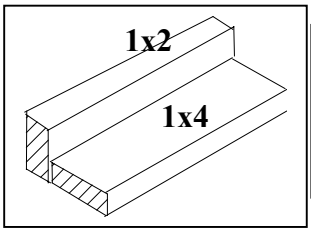
8331 Sheep Ranch Rd.
Mountain Ranch, CA 95246



CPOX 820 LOAD ASSEMBLY INSTRUCTIONS

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.

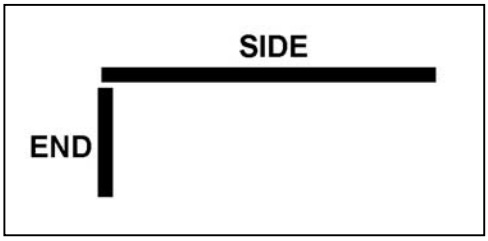
PAINTING Wash the parts before assembling with a dish washing detergent such as "Dawn". Rub lightly with a soft sponge. Use a lacquer based primer such as floquil.

PARTS

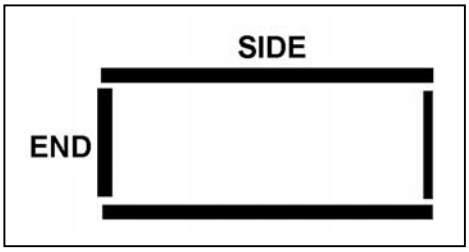
ASSEMBLY

Item No.	DESCRIPTION	QTY.
1	Top	1
2	Ends	2
3	Load Side 1	1
4	Load Side 2	1
5	Load Beams	2
6	In-Transit Cover	1
7	Bottom - .030” x 12’3” s.f. x 29’9” s.f. sheet styrene	1
8	Spacers .- .080” x .250” x 11s.f.	2

1 Glue the End(3) to the Load Side(1) to make an “L” shape. Make two alike.

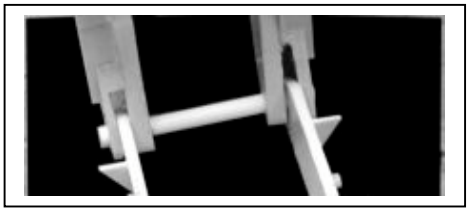


2 Glue the two “L” shapes together in the orientation shown.



3 Glue the bottom to the box structure. See the photo on page 1 for orientation of top and bottom.

4 Fit the load beams to the finished car as shown. Use the 1/8” tubes supplied with the car kit for this purpose.



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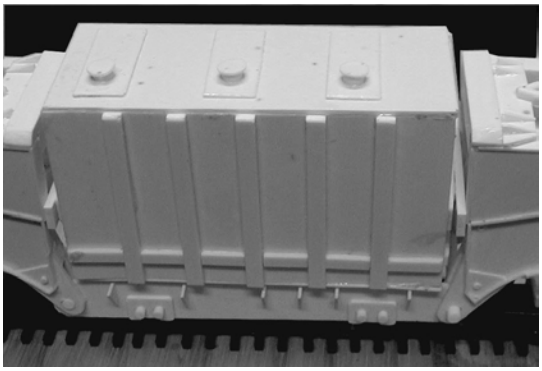
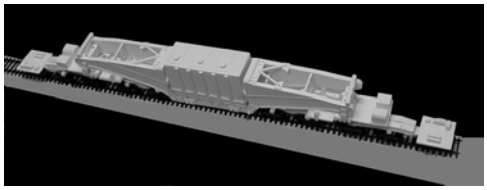
5 Cement the load to the load beams. The load should be centered on the beams. Use the car's girders to assist in centering the load. Cement the load to the load beams. Trim the load beam braces even with the load floor. After adding weight to the load, cement the top in place oriented as shown.

On the other side of the load (not shown), attache the In-Transit Cover (6) even with the top edge and centered to side (4). This item represents temporary materials for shipment. It is painted black except for the wood frame.



6 Use the Load Spacer (7) furnished with the car kit to adjust the load to the car. Fit to the ends of the load and girder faces. It is recommended that the load spacers not be permanently glued to the load or the girders. This will allow you to run the car empty with the load spacer or use a different load.



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 the color coat.

Colors:
Light Gray: 2 Parts SP Lark Gray + 1 Part Floquil Reefer White

Overcoat entire car with Testor's Glosscoat prior to decaling. Afer decals have set, apply Testor's Dullcote.