

CONCEPT MODELS

<http://www.con-sys.com//Index.htm>

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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.

NYC LCL CONTAINER CAR KIT

Instructions

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.

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 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

File flash off of all castings. Wash in a detergent and wipe away and residues from the molding process. This will enable better paint adhesion.

ASSEMBLY

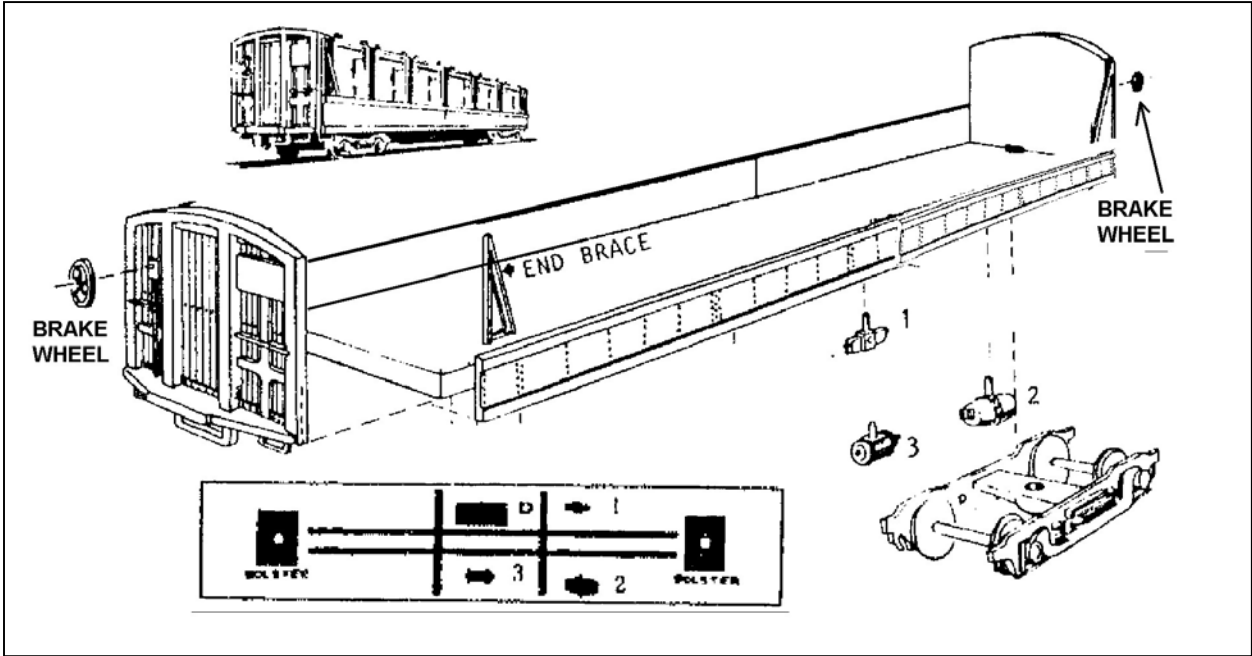
1 Assemble the containers. One front and one back are to be applied to each container frame.

2 Match the sides up to the floor. File a little off of each end of the floor to make the floor the same length as the sides. Attach the ends with the bottoms of the ends flush with the floor.

3 Attach the sides to the floor flush with bottom edge of the floor.

4 Attach the brake equipment to the locations on the bottom as shown in the illustration.

Item No.	DESCRIPTION	QTY.
1	Floor/Underframe Asse,bly	1
2	Sides	2
3	Ends	2
4	Brake Wheels	2
5	Brake Valve	1
6	Brake Reservoir	1
7	Brake Cylinder	1
8	Small Pins	2
9	Coupler Boxes	2
10	1/8 x 2-56 Screws	2
11	1/4 x 2-56 Screws	2
12	Trucks	2
13	Container Frames	6
14	Container Fronts	6
15	Container Rears	6
16	Decals	1
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5 Drill a small hole with a #76 hole for the brake wheels in the cast-on brake housing. Drill the same size hole in the brake wheels. Use the small pins to secure the brake wheel to the brake housings. Bend the pins over and trim off the excess on the inside.

7 Paint the car using a lacquer based primer first. After the primer is dry you can use either solvent or water base paint. The entire car and containers are painted Floquil Coach Green with the exception of the underframe which is painted black. Overspray the car with Testor's Glosscote in preparation for decaling.

9 The enclosed decals are a very fine film. Cut apart and dip in water and set out on a flat surface until the decal release from the backing. Don't leave decal soaking in the water since they will come loose and be very difficult to retrieve because of the very thin film. Use your favorite decal setting agent and then allow to dry. (I like Champ's DecalSet) Overcoat the car with either Testor's Glosscote or Dullcote.

6 Attach the draft gear boxes to the end of the underframe, centered. Apply the draft gear box covers and fasten with the 1/8" screws supplied. Wire grabs and stirrup steps may be applied at this time (not furnished).

8 Install couplers. A long shank couple is preferred. File down the center bosses on the truck mount bolsters to get the right coupler height. If car is to be used on sharp radii, check the trucks for clearance with the underframe.