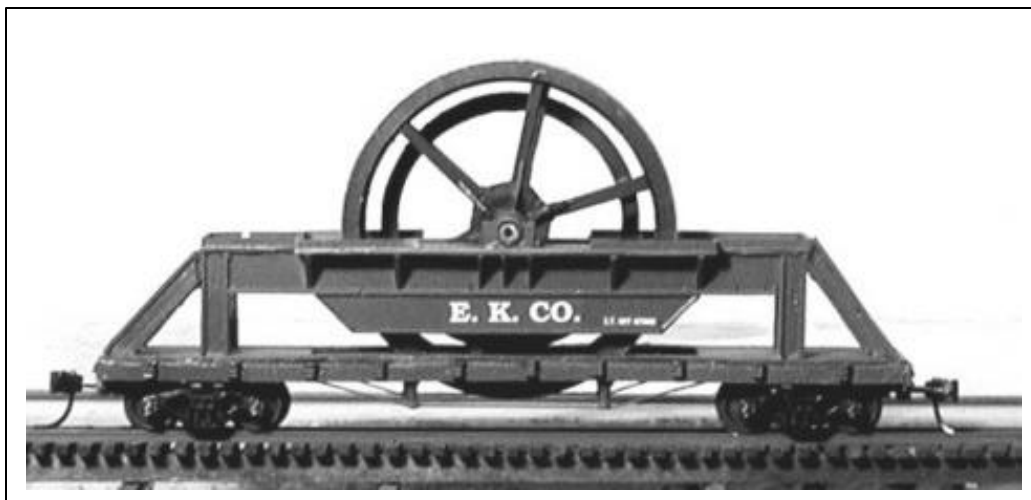


CONCEPT MODELS

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

44609 W. Canyon Creek Dr.
Maricopa, AZ 85239-5019



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.

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

EASTMAN KODAK WHEEL CAR

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 all parts in a mild detergent rubbing with a soft sponge or rag in order to remove the molding residues. This will prepare for painting later on.

Item No.	DESCRIPTION	QTY.
1	Flat Car Frame	1
2	Deck, Wheel Support	1
3	Deck Braces	2
4	Wheel	1
5	Wheel Spokes	2
6	Drive Gear Circle	1
7	Coupler Pockets	2
8	1/8" x 2-56 Screws	2
9	Trucks	2
10	1/4" x 2-56 Screws	2
11	Main Deck Sheathing	1
12	Decals	1
13	Instructions	
14		

ASSEMBLY

1 Turn the flat car frame over and attach the truss rods made from .020" music wire (not supplied). Use the thick ACC cement to anchor the ends in the frame recess.

2 With the flat car frame right side up, cement the main deck sheathing to the flat car frame. Cement the deck for the wheel support in the center of the flat car deck.

3 Bevel the ends of the deck braces to fit against the ends of the wheel support deck and cement.

4 Carefully re-drill out the main support shaft mount on the wheel support deck with a 1/8" drill.

5 Install the wheel spokes in the wheel. One should be applied from each side of the wheel. The spokes should be aligned so that the intervals between the two sides are aligned. Apply the simulated ring gear to one side of the wheel by gluing to the spokes. Try to get it centered as well as possible.

6 Trim the draft gear boxes to fit behind the car end. Glue the flat part to the car with the boss centered. Use a long shank coupler and poke through the end to mount. Close the draft gear box with the 1/8" screw provided.

7 **PAINING** - Use a lacquer based primer such as floquil. After the primer is completely dry use either lacquer or water base paints as desired. The basic car is painted box car red or tuscan. The wheel surface should be painted with Model Master's Chrome Silver to simulate a chrome surface.

DECALING

The decals must be cut out with a sharp knife or sissors. Wet the decal and slide the backing onto the model. **DO NOT SOAK IN WATER AND ALLOW THE DECAL TO FREE ITSELF FROM THE BACKING.** The decal film is very thin and almost impossible to handle without the backing. Use a decal setting solution such as Champ's Decalset to set the decal. After the decals are dry, overcoat with Testor's Dullcote.