

Construction: Sand and seal; centersill 18 centersill flange 12 & brake lever supports 15. Cut out vat floors 2 from .020 styrene. Make vat assy's from vats 1, floors 2, and vat bands 26. Make arch assy's as shown. Build up frame by joining end sills 7 (notch out for coupler pockets first) and side sills 6. Turn over and add wide floor boards 8, narrow floor boards 10 and upper body bolsters 37. Turn over again. Drill and add center support 38. Cut out center sill 18. Lay centersill in place and check to see that the center support notch is deep enough to allow the centersill to rest on the floorboards. File the side sill slots of the lower body bolsters 46 and the bolster notches of the center sill so that the upper and lower body bolsters are in full contact. Glue the centersill in place. Glue the lower body bolsters in place.

Drill holes in coupler pockets 47. Mount couplers (not supplied) and glad hands, hose, and angle cocks 51. Glue and mount coupler pockets. Cut straight pins 39 to length and pin coupler pockets. Drill .028 (#70) holes in pipe tee 54 and slide onto trainline 30. Slide two eye pins 50 onto trainline. Bend trainline and mount taking care to keep the pipe tee and one eye pin on the A side of the centerline of the car.

Glue the center board 9 in place. Fit the NBW's 44 into the center and end arch assy's. Glue in place in the following order: Center arch assy's, inner vat assy's, intermediate arch assy's, outer vats and end arch assy's. Scribe hatches on roof sheet 21. Then scribe the boards on the roof sheet. Glue the roof sheet to the arch assy's. Attach hinges 49, hatch handles 27 and grab irons 53.

Add cylinder mounts 13 and brake cylinder 48. Add cylinder line 34 and lower retainer line 25. Flatten ends of brake rods 33 and drill .0135 (#80). NOTE: SLIDE TWO EYEPINS 50 ONTO HAND BRAKE ROD BEFORE FLATTENING ENDS. Drill hand brake rod .021 (#75). Shape and drill brake levers 36 .0135 (#80) except for the chain hole .021(#75). Fasten and mount brake rods to brake levers with pinning wire 29, flattening the pinning wire ends after threading the pinning wire thru the holes. This must be partially done with the levers sitting in the slots in the centersill. Mount brake lever supports 15 and centersill flanges 12.

Fasten chains 43 to hand brake rod and lever using eye pinns 50. Cut off straight sections of eye pins after reforming loops. Mount brake platform supports 23, brake platform 22 and eye pin 50 to B end of car. Grind one end of brake staff 35 to a point and mount brake wheel 45 to other end. Mount brake staff, capturing last chain link between point and the saddle.

Mount eye pins 50 to side sills at ends of body bolsters. Mount truss rods 31 & 32 by flattening on end, bending, threading thru eye pins and center support and pushing into holes in roof supports 19. Form steps 40 & 41 and fasten to end bases 4 with pinning wire 29. Cut down and glue on ladders 42. The upper and lower ends may be bent inward slightly to grasp end bases 4 and roof supports 19. Mount trucks (not supplied).

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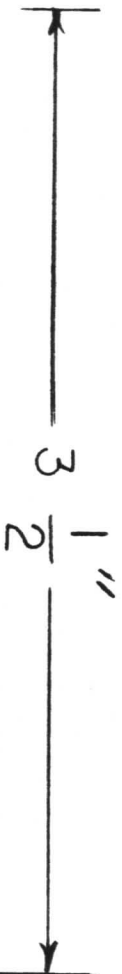
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R.M.X. 23

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HOQUAT HOBBIES  
HH-3L



NOTE: QTY OF 2 REQ. PER CAR.  
LETTERING TO BE PRINTED IN WHITE.

**HOQUAT HOBBIES**

P.O. BOX 253

DUNELLEN, NY 08912

TITLE:

LETTERING ARTWORK,  
MONARCH PICKLE CAR

DRAWN

BY: *Walt J. Dinger*

SCALE: *H*

DATE: 3/25/85

NO. HH-3L