

INSTRUCTION PROCEDURE:

Construction of this car is very similar to the prototype, resulting in a seemingly complex job. However, the use of sub-assemblies makes the building quite simple, and as follows:

UNDERFRAME: Assemble the parts marked A-1. Pin them to a flat surface until the center drives. Next add the 3/32" channels (A-2). Trim the center sill, cut the slots for the levers and the hole for the main air pipe. Cement the 3/64" angles in place. Pin the bolsters (A-3) for the main air pipe. Cement center sill and bolsters to bed. Pin the 1/8" channels (A-4) and the cross bearers (A-5). Cement the 1/32" x 1/16" wire reinforcements to the center sill. Install main air pipe (heaviest wire). This completes the underframe.

HOOPS: Carry out special instructions regarding tank sheathing. With this under way proceed to cement the 3/32" scribed pieces to the tank core ends. Be sure that the hoops are parallel at both ends. Cement the sheathing to the core, holding it tightly in place with rubber bands. Add the braces (B-1). Using the finest wire supplied, install hoops (B-2), twisting the ends together at the seams along the bottom of the tank.

UNDER STRUCTURE: This is built right on the underframe. Start with part C-1, cementing it carefully. Add channels C-2. Note cut-out portions to fit tanks. Cement sets (C-3) to these channels. Cement the C-5 strips to the 5/32" I beam (C-4). Cementing this I beam to the C-2 channels completes the center structure.

TANK BEARERS: Pin the tank bearers (D-1) to the A-2 channels. Check for accurate line-up. Paint the center structure and tank ends. Cement tanks to bearers. Drill 3/64" holes in A-2 channels and bolsters. Install flat wire tank hold-down straps.

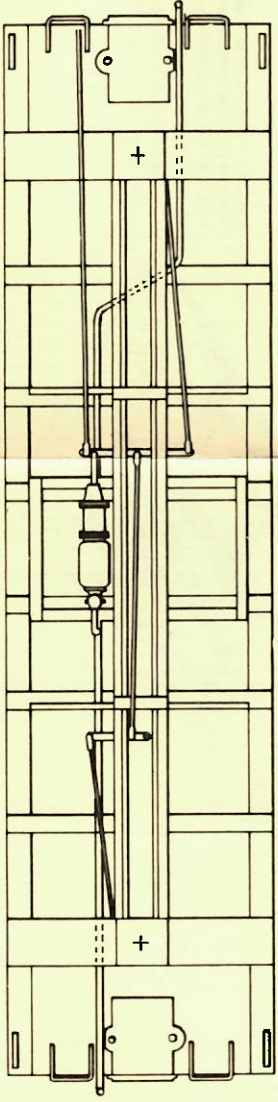
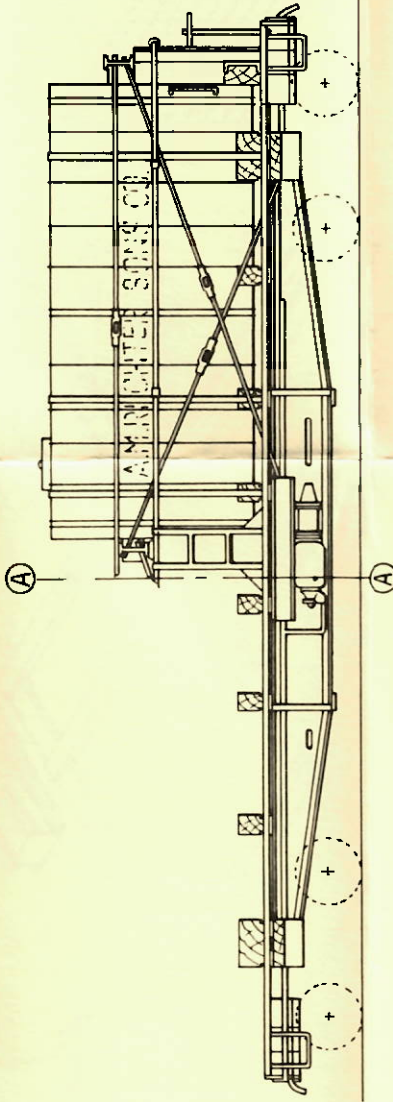
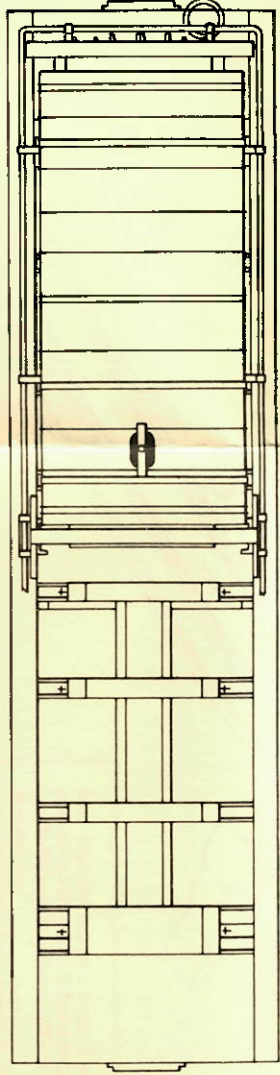
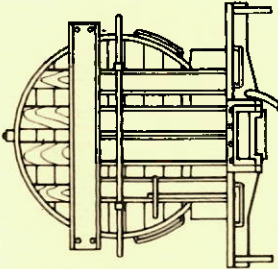
STRUCTURES: Notch the parts E-1 and assemble stripwood parts right on the underframe, using wax paper under the parts to protect the drawing from cement. Cut structural shapes (E-2), using special care to get clean cut ends. Cement in place. NOTE that these structural shapes are not centered on the timber parts. See drawings for locations of miscellaneous detail parts. Use largest wire for hand surrounding tank. Cotter pins are used for handrail posts. Side truss rods are cemented to medium diameter wire. Kemtron coupler pockets are supplied so that you can use any coupler type may be used.

DETAILS: Carry out special instructions regarding tank sheathing. With this under way proceed to cement the 3/32" scribed pieces to the tank core ends. Be sure that the hoops are parallel at both ends. Cement the sheathing to the core, holding it tightly in place with rubber bands. Add the braces (B-1). Using the finest wire supplied, install hoops (B-2), twisting the ends together at the seams along the bottom of the tank.

FINISHING: Carry out special instructions regarding tank sheathing. With this under way proceed to cement the 3/32" scribed pieces to the tank core ends. Be sure that the hoops are parallel at both ends. Cement the sheathing to the core, holding it tightly in place with rubber bands. Add the braces (B-1). Using the finest wire supplied, install hoops (B-2), twisting the ends together at the seams along the bottom of the tank.

Comments regarding this kit, or suggestions for future kits will be greatly appreciated.

Section A-A

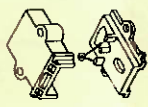


KADEE
KEMTRON NIRA
MANTUA

ALL 6 FIT

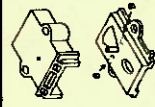
MDC NIRA
RAIL LINE NIRA
ROUNDHOUSE

The new "6-FIT" coupler pocket will accept any of these popular HO scales of HO couplers and, when used with one of the NIRA types, will permit coupling with any equipment using any NIRA coupler.



KADEE
KEMTRON NIRA
MANTUA
ROUNDHOUSE

Used as shown here, the coupler pocket will mate all the above couplers. The long Mantua pin on the other side of cover may be removed if desired.



RAIL LINE NIRA

For use with the Rail Line NIRA coupler, remove side bosses and Mantua pin on other side only side be removed.

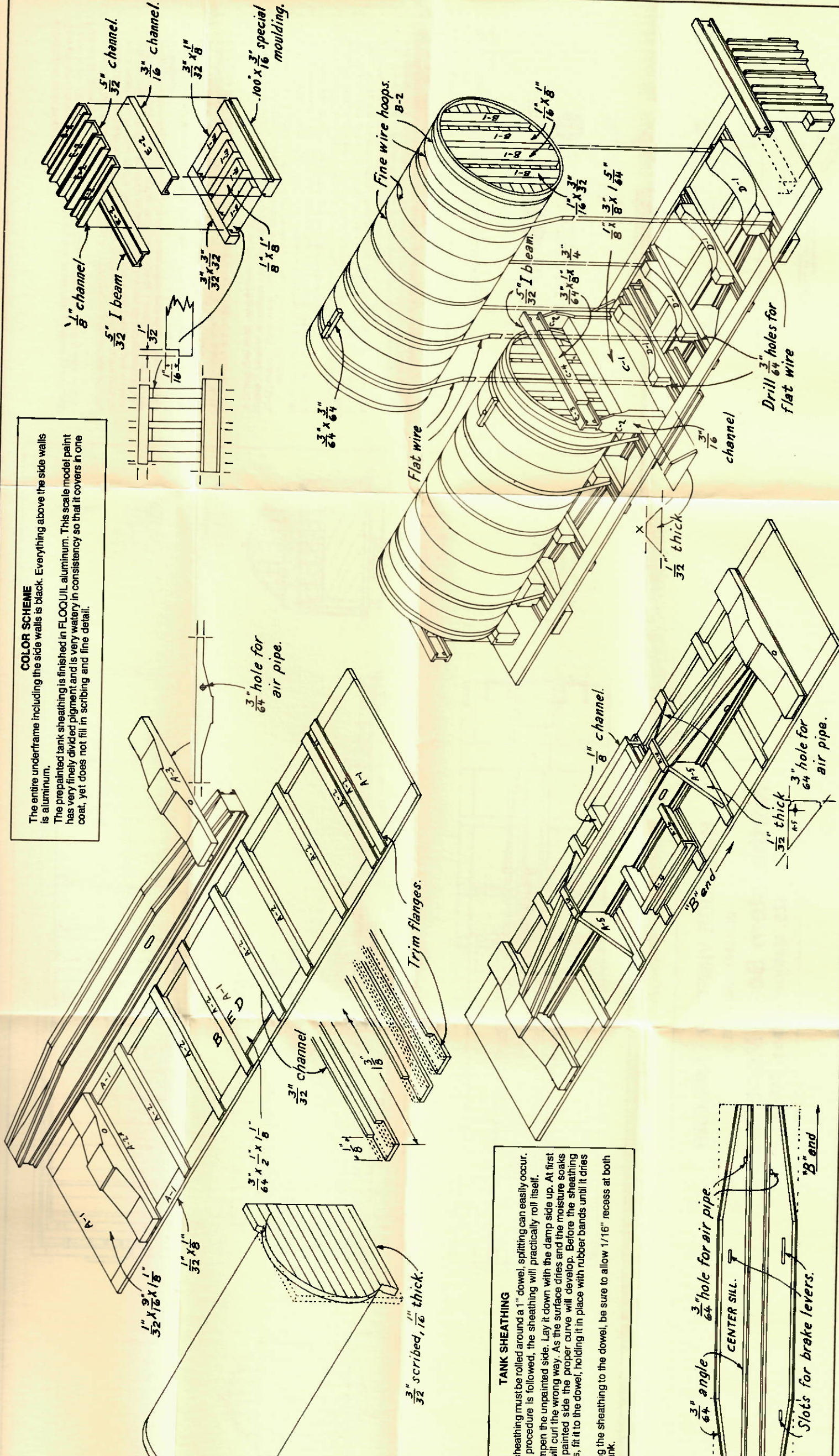


MANTUA

To use the pocket with Mantua couplers, reverse order of assembly. Mantua pin and bosses on the other side may be removed.

HO GAUGE VINEGAR TANK CAR
DESIGNED AND MADE BY
Northeastern Scale Models, Inc.
Box 425, Methuen, Mass. 01844

COLOR SCHEME
 The entire underframe including the side walls is black. Everything above the side walls is aluminum.
 The prepainted tank sheathing is finished in FLOQUIL aluminum. This scale model paint has very finely divided pigment and is very watery in consistency so that it covers in one coat, yet does not fill in scribing and fine detail.



TANK SHEATHING
 Sheathing must be rolled around a 1" dowel, splitting can easily occur. Procedure is followed, the sheathing will practically roll itself. When the unpainted side. Lay it down with the damp side up. At first it will curl the wrong way. As the surface dries and the moisture soaks into the painted side the proper curve will develop. Before the sheathing is, fit it to the dowel, holding it in place with rubber bands until it dries. When the sheathing to the dowel, be sure to allow 1/16" recess at both ends.

