

VON ALLMEN PICKLE TUB CAR
HO GAUGE KIT

NORTHEASTERN SCALE MODELS, INC.

BOX 425

METHUEN, MASS. 01844

These three quarter views are ISOMETRIC drawings. This means that measurements taken along vertical and 30 degree lines are correct and accurate.

SIDE TIE ROD ENDS.

FLATTEN FLAT ENDED PUNCH.
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$\frac{3}{64} \times \frac{3}{64}$

$\frac{1}{32} \times \frac{1}{16}$

$1" \times \frac{9}{16} \times \frac{9}{64}$
END SILL.

$5" \times \frac{5}{64}$
CHANNEL

$\frac{3}{32} \times \frac{3}{16} \times \frac{1}{4}$ BLOCK
FOR BRAKE
CYLINDER

CROSS BEARERS.
MAKE TWO SETS.

BOLSTER
 $\frac{1}{32}$ HOLE FOR
AIR PIPE.
 $\frac{3}{64}$ THICK.

Commence construction by making up the following sub-assemblies: underframe, tubs, transverse frames and roof.

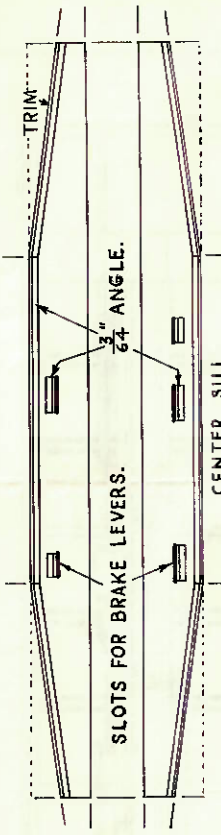
Be sure to drill all holes in bolsters, crossbearers and center sill for main air pipe before assembling underframe.

When underframe is completed, turn it over and cement the $\frac{1}{16}$ " scribed floor board material to it. Locate the tubs and transverse frames. When these are properly fitted, there should be a $\frac{3}{32}$ " space between the heavy transverse frames and the car ends. After these have been cemented in place, install the side tie rods. Three sizes of wire are supplied. Use the largest for the main air pipe, the smallest for the tub hoops and the medium size for tie rods, brake rods and brake staff. Location of the various hardware fittings and brake system is shown overleaf. Couplers are left to the builder's choice.

Flouquil borcar red paint was used for the pre-painted parts. The car body down to the floor boards is boxcar red. Below this use black. Ladders etc. are black. If a part is missing or defective, or if you spoil a part, write direct to NORTHEASTERN SCALE MODELS, Inc., Box 100, Ballard Vale, Mass. for free replacement. We hope that you enjoy constructing this car and welcome your criticisms and suggestions for future kits.

#76 DRILL.

SIDE SILL. $\frac{1}{32} \times \frac{1}{4}$

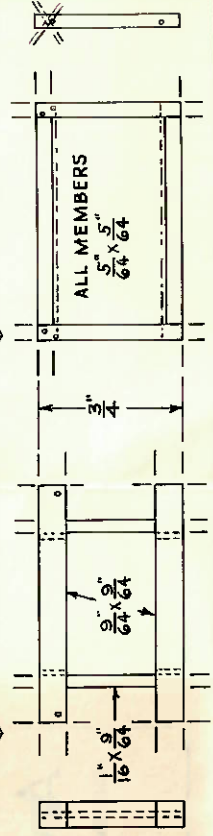


THESE TWO MEMBERS ARE COVERED BY THE SIDE FASCIAS AND MAY BE OMITTED.

SHAPE TO FIT TUB.

ALL HOLES FOR TIE RODS #76 DRILL.

ALL MEMBERS $\frac{5}{64} \times \frac{5}{64}$



$1" \times \frac{9}{32}$ THICK
END FASCIA.

$\frac{1}{16} \times \frac{1}{16}$

$\frac{1}{16}$ SCRIBED FLOOR.

DAMPEN TUB WRAPPERS BEFORE FITTING TO CORES. USE FINEST WIRE FOR HOOPS.

$\frac{5}{64} \times \frac{5}{52}$

SHAPE ENDS BEFORE CUTTING TO LENGTH.

