

# Lehigh Valley Models

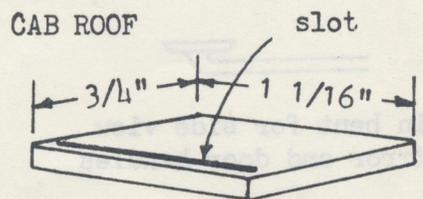
LVM8-C

1933 MACK COAL DELIVERY TRUCK

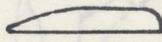
Most homes were heated with coal in the 30's and a common sight upon city streets was the coal delivery truck. The body was tapered and could be raised high with a scissors type lift so that the "black diamonds" could be gravity fed by shutes into the basement coal bin of any home. The LVM8-C is a typical coal truck which can be used with the J. Harry Jones Coal Co., another model made by Lehigh Valley Models. A lumber truck (LVM8-L) is also available using a flatbed and stake body and a fuel delivery truck (LVM8-T) with a tank body completes the cab-over-engine Mack truck models.

**CAB ASSEMBLY**

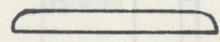
Begin by preparing the main wood cab parts. Use a fingernail emery board to remove cutting fuzz and for other sanding. Cut a shallow narrow "V" slot in the roof piece as shown. This will hold the upper edge of the windshield in place. Keep the cut 1/16" away from either edge.



SIDE VIEW

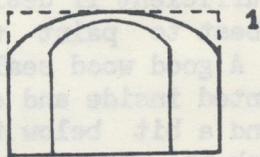


FRONT VIEW

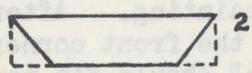


Now turn this piece over and shape it as shown. Next, cut out the rear window where it is marked on (1/16"x 7/8" x 15/16") cab rear. Carve the hood (1/4" x 3/4" x 1 1/16") as shown and sand smooth. Cut or file the large round curve first(1); then taper the

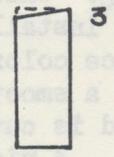
FRONT VIEW



TOP VIEW



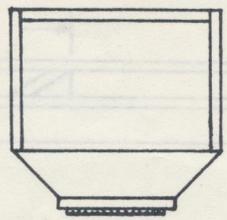
SIDE VIEW



large arch toward the small arch(2); round the corners to make a smooth taper from back to front arches all the way around (3).

Round the top of the radiator (1/16" x 5/8" x 11/16") as marked and sand smooth. Glue this to the front of the hood keeping the bottom edges flush where it should fit perfectly. Center the 1/2" square corrugated piece and glue it in place, keeping the bottom flush with the radiator center. Corrugations should be vertical.

You are now ready to assemble the cab. Glue the sides (1/16" x 3/4" x 9/16") to the rear (window cut out) and hood pieces, overlapping them as shown keeping cab sides and rear even along the bottom, and the hood 3/16" lower.

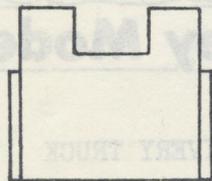
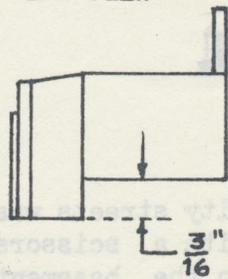


TOP VIEW

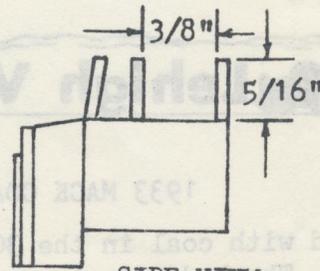
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Cut 5/16" long side window posts from the 1/16" square stripwood supplied and glue securely as shown. Notice that the front corner post is tapered slightly and use the

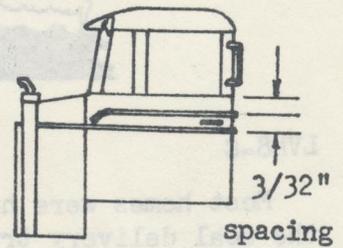
SIDE VIEW



REAR VIEW



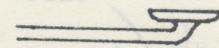
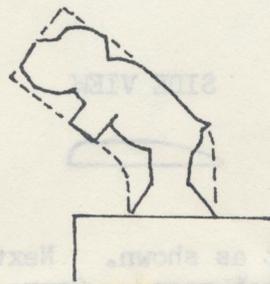
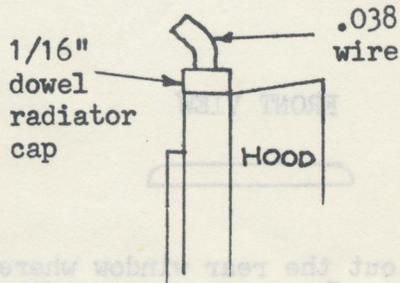
SIDE VIEW



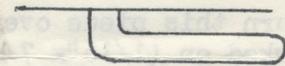
spacing

dimensions given. The roof should be flush with the cab rear and only overhang the front corner post by 1/32". Be sure posts are secure before fastening the roof in place.

Now round the rear cab corners with sandpaper and sand entire cab smooth. Using .020 brass wire furnished, shape and glue pieces to the cab hood, sides and rear to resemble pressed mouldings. Mouldings should be bent in one piece to fit all the way around the cab. Use enough glue and wipe the excess away. Add the fine details next where shown. The side view mirror and door handles are bent pins, and grab handles are pieces of .020 brass wire. Cut a 1/16" length from 1/16" diameter wood dowel furnished and glue to the



Pin bent for side view mirror and door handles

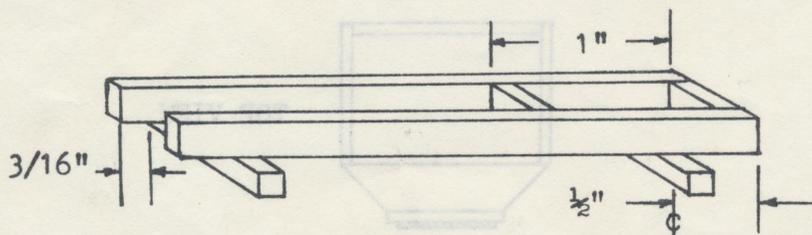


top of the radiator as a cap. When secure, drill a #62 hole through the center and insert a piece of .038 wire furnished leaving about 3/32" extend. Fashion a Mack bulldog by bending and notching the wire with a file or Dremel cutting disc to resemble the real thing. This is so small that just the bent wire would be sufficient if desired.

Before installing the frame, axles and wheel housings, it is best to paint the cab your choice color. J. Harry Jones' trucks were a dark green. A good wood sealer will help make a smoother finish for painting. After the cab is painted inside and out, the windshield is cut to fit between the front corner posts and extend a bit below the hood (inside). A piece 7/16" x 15/16" should fit perfectly, but check the measurements of your cab windshield opening before you cut the plastic furnished. If you round the bottom edge of the plastic it will fit closer and make a better appearance. Remember that the upper edge fits into the slot in the roof. Glue the bottom edge of the plastic only in place from the inside. Those who desire them can also glue side and rear windows in place. These are not furnished.

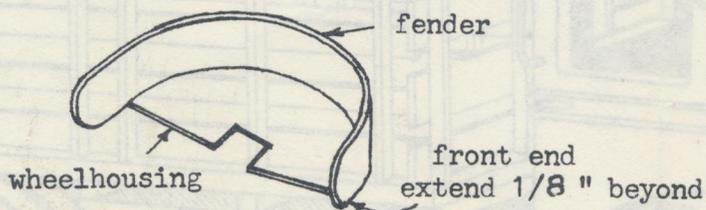
FRAME ASSEMBLY

Assemble the crossmembers (3/32" x 3/16" x 7/16") to the frame channels as shown. Then add the axles (1/8" sq. x 1 1/8") in their respective places, centering them across



the frame. Glue completed frame to bottom of the cab up against the hood and center it.

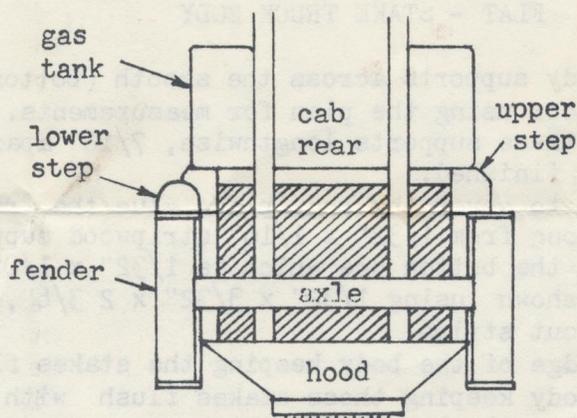
Cut out the printed card stock parts. Roll the fenders with a pencil to make them curl and to prevent the card from developing folds. Glue the fender to the wheel housing as shown keeping one edge of the fender flush with the edge of the wheel housing. This can best be done on a piece of wax paper. Make a right and a left and hold them in place until completely dry.



Glue the fender-wheel housing against the cab side fitting the cut out notches over the 1/8" square axles.

Glue the 3/8" dowel gas tanks up against the cab rear and the frame. See sketch for placement. Glue upper step beneath the cab corner, against the fender, and inside edge flush with inside cab edge. Glue bottom steps to bottom rear of the fender.

BOTTOM VIEW

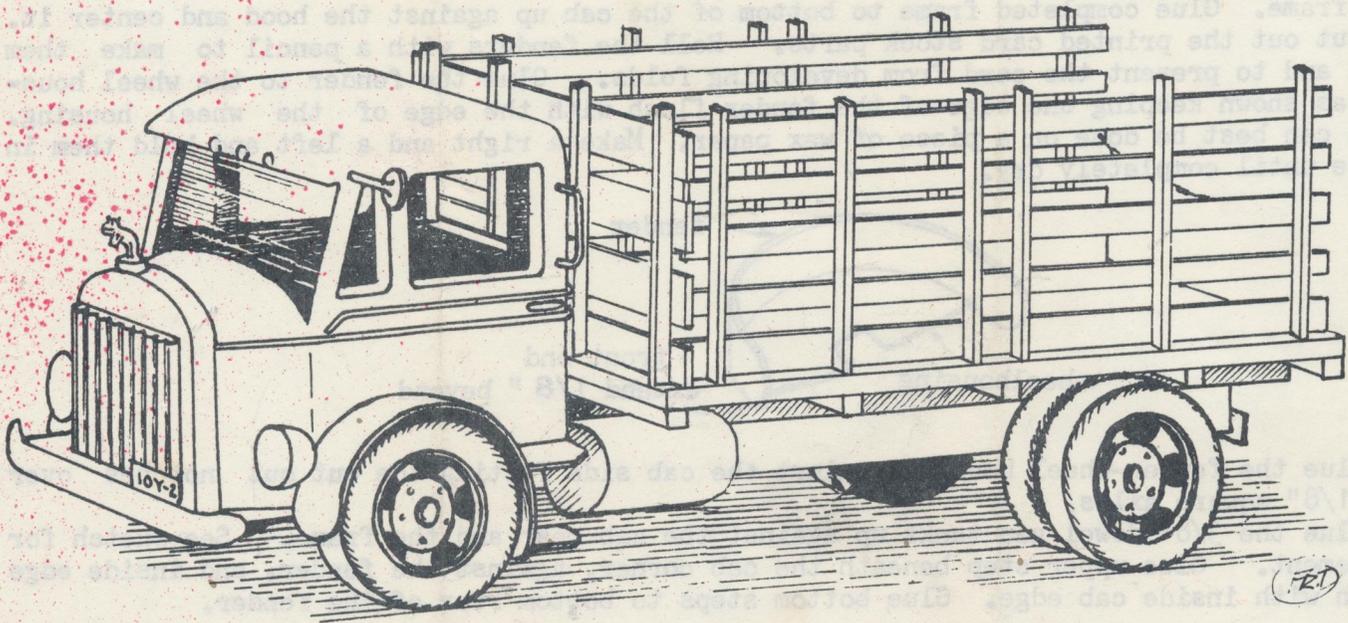


Glue bumper cover to bottom of the hood flush with its inside edge. Round ends of the 3/32" metal bumper; bend to fit the bumper cover and glue it in place, centering it to the edge of the cover. Now paint the rounded back of the eyes furnished and glue these to the fender and cab. The white disc is the headlight front.

Complete painting frame, fenders, wheel housings, bumper cover, etc. the color of the cab. Paint the wheel or inner part of the wheel castings your cab color and the tire flat black. Drill #75 holes through the center of the wheel and also about 1/8" into the axle centers. Mount the wheels with straight pins furnished. Short pins mount the front wheels and long pins mount the rear dual wheels back to back.

The radiator, radiator cap, bulldog, bumper, door handles, grab handles, and side view mirror should be a chrome finish. Pactra Enamel makes a chrome paint that looks the part. Color your truck license plates orange, red, or yellow with a marker pen and glue them to the front bumper and the rear frame crossmember.

This should complete the 1933 Mack cab-over-engine truck. It is now ready for the body.



LVM8-1

FLAT - STAKE TRUCK BODY

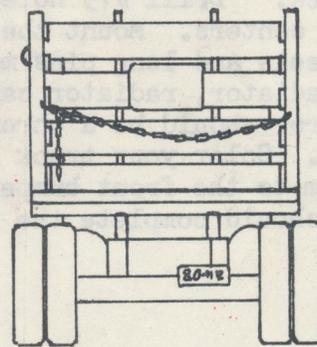
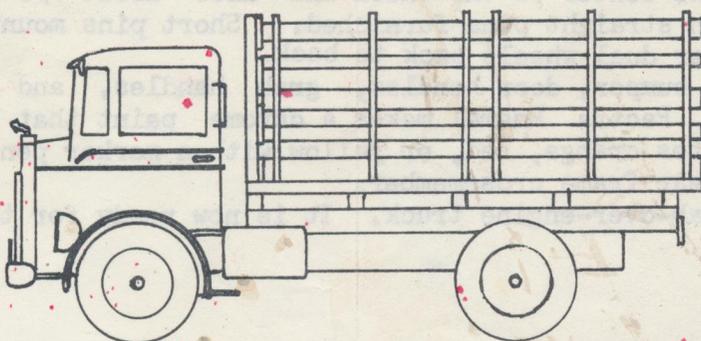
Glue  $1/16''$  sq. x  $1\ 3/8''$  body supports across the smooth (bottom) surface of the  $1/16''$  x  $1\ 3/8''$  x  $2\ 3/8''$  sheathed floor using the plan for measurements. Glue  $1/16''$  x  $3/32''$  x  $2\ 3/8''$  frame rails on top of these supports lengthwise,  $7/16''$  apart in the center. These mount to the truck frame when finished.

Using a piece of wax paper to cover the body plan, glue the front rack together. All upright stakes are cut  $7/8''$  long from  $1/32''$  x  $1/16''$  stripwood supplied. Crossboards are  $1/32''$  x  $3/16''$  x  $1\ 3/8''$  except the bottom one which is  $1/32''$  x  $1/8''$  x  $1\ 3/8''$ .

Fashion two side racks as shown using  $1/32''$  x  $3/32''$  x  $2\ 3/8''$ ,  $1/32''$  x  $3/64''$  x  $2\ 3/8''$  and  $1/32''$  x  $1/8''$  x  $2\ 3/8''$  precut strips.

Glue front rack to front edge of the body keeping the stakes flush with the front edge. Glue side racks to sides of body keeping those stakes flush with the body side edge. Glue chain to rear stakes across the back as shown.

Cut out lumber truck signs from card stock and glue to body stakes as shown. Glue license to back of frame, paint stake body your choice color and glue it to the truck frame as shown. The license plate can be colored red, yellow, green, or light blue with a marker pen.



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32  
41

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