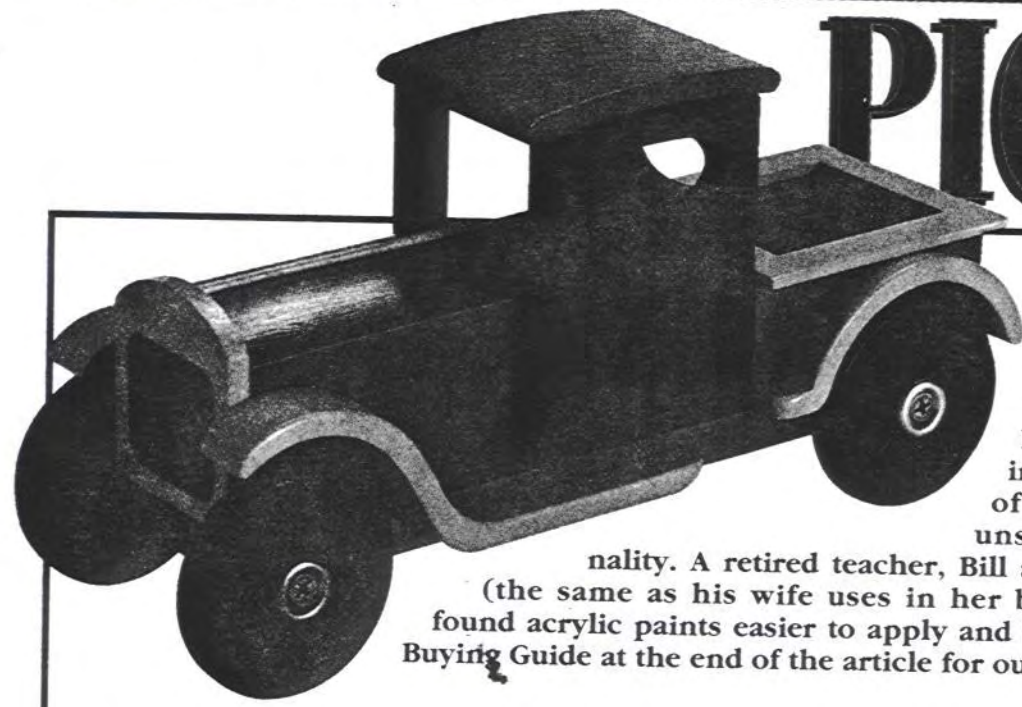


It's an oldie but a goodie

PICKUP



Bill Trumble of Grants Pass, Oregon, designed and built this flashy little truck specifically for our Build-A-Toy® contest. He did such an outstanding job he won \$300 worth of Behlen finishes for his unselfish efforts and originality. A retired teacher, Bill applied paste food colors (the same as his wife uses in her baking) to his truck. We found acrylic paints easier to apply and less likely to run. See the Buying Guide at the end of the article for our source of paints.

Note: We used thin stock for this project. You can resaw or plane thicker stock to the thicknesses listed in the Bill of Materials.

Build up from the chassis

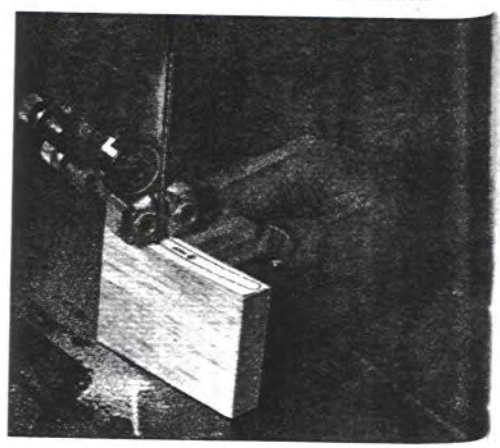
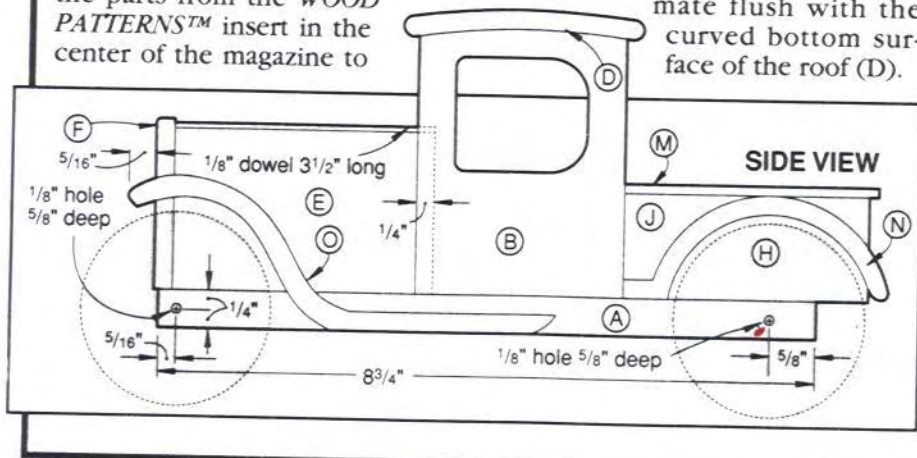
- 1 Cut the chassis (A) to the size listed in the Bill of Materials.
- 2 Mark and drill the four 1/8" axle holes 5/8" deep in the chassis where dimensioned on the Side View drawing below.
- 3 Plane or resaw thicker stock to obtain 1/4"-thick pine for the cab sides (B) and cab back (C). Using a photocopy and spray adhesive, transfer the full-sized patterns for the parts from the WOOD PATTERNS™ insert in the center of the magazine to

the 1/4" stock. Scrollsaw or band-saw the pieces to shape. Then, drill blade start holes and cut the window openings to shape.

- 4 Cut the roof blank (D) to the size listed in the Bill of Materials. Transfer the full-sized roof side-view pattern to the blank and cut it to shape. (As shown in the photo below right, we used double-faced tape to adhere a piece of scrap 2x4 stock to the roof blank to act as a handle when cutting the roof to shape. We found this much safer than trying to cut the piece without support.) Check that the top of the cab sides (B) mate flush with the curved bottom surface of the roof (D).

Note: To finish the truck as seen in the photo above left, paint the pieces (except on the surfaces where they'll be glued to another piece) with acrylic paints before assembling them. When we painted the pieces with acrylic paints, we masked the mating areas with masking tape before painting. Then, we glued the pieces together with woodworker's glue. You also can paint all the surfaces of the pieces and glue the parts with instant glue (cyanoacrylate).

Continued

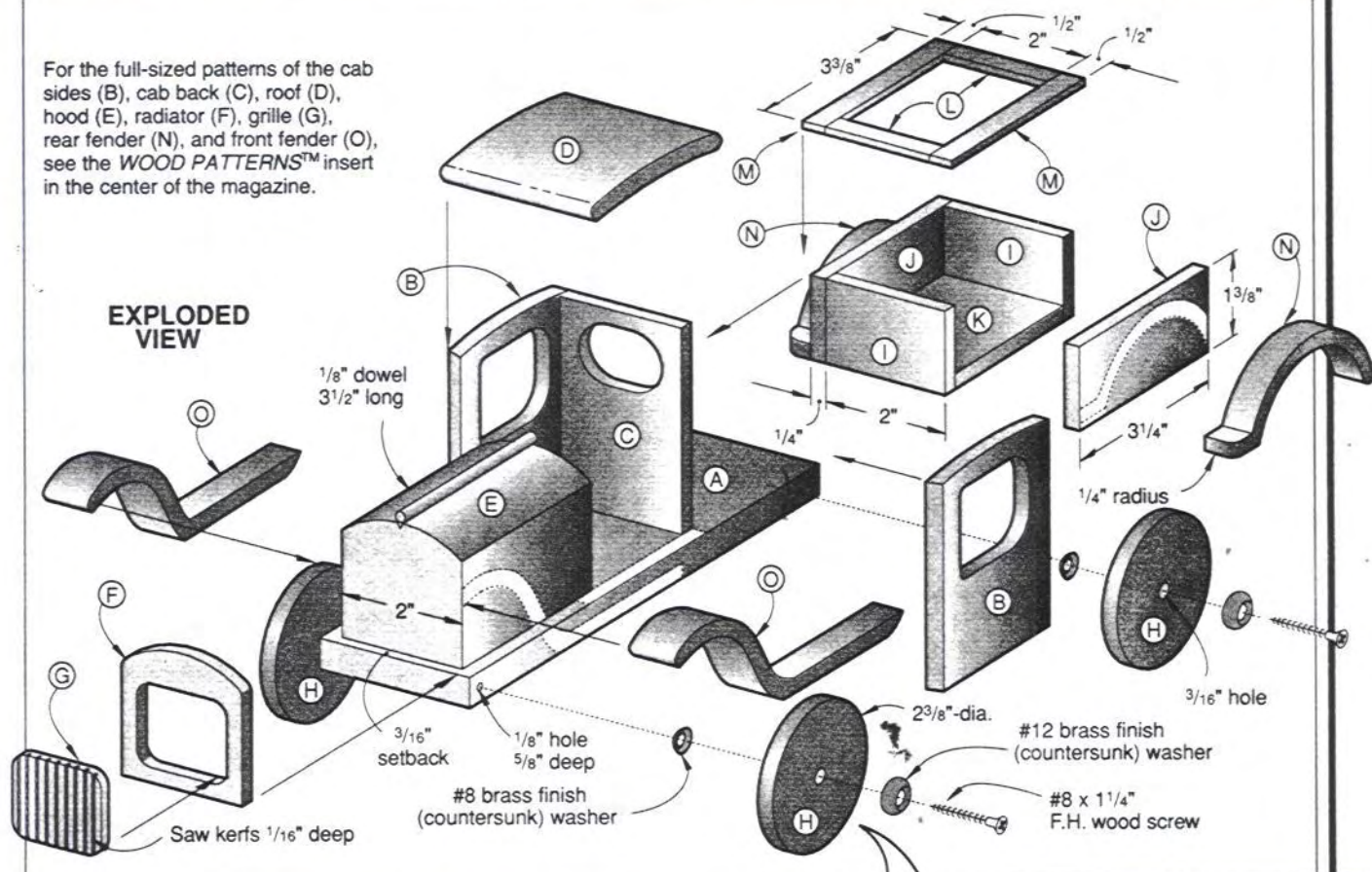


Use a scrap block to support the roof blank when cutting the roof to shape.

Pa
A
B
C
D
E
F
G
H
I
J

FROM THE PAST

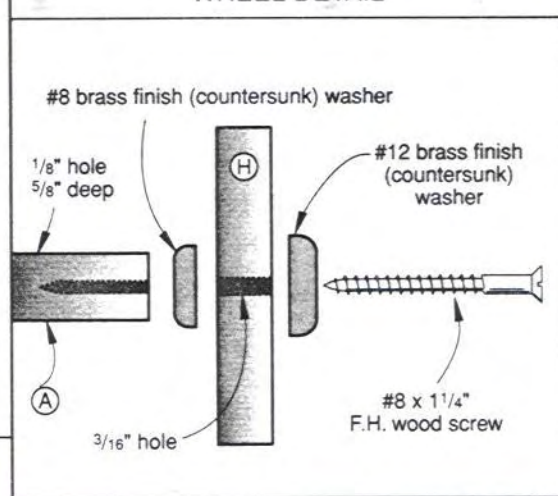
For the full-sized patterns of the cab sides (B), cab back (C), roof (D), hood (E), radiator (F), grille (G), rear fender (N), and front fender (O), see the *WOOD PATTERNS™* insert in the center of the magazine.



Bill of Materials

Part	Finished Size			Mati.	Qty.	Part	Finished Size			Mati.	Qty.
	T	W	L				T	W	L		
A chassis	1/2"	2 1/2"	8 3/4"	P	1	K box bottom	1/4"	2"	2 3/4"	P	1
B cab sides	1/4"	2 3/4"	3 1/2"	P	2	L trim	1/8"	1/2"	2"	P	2
C cab back	1/4"	2"	3 3/8"	P	1	M trim	1/8"	1/2"	3 3/8"	P	2
D* roof blank	3/4"	2 1/2"	3 1/4"	P	1	N* rear fender blank	1/2"	1 1/2"	8"	P	1
E hood	2"	2 1/8"	3 1/2"	LP	1	O* front fender blank	3/4"	2 1/4"	12"	P	1
F radiator	1/4"	2"	2 1/4"	P	1	* Initial size Materials Key: P-pine, LP-laminated pine					
G grille	3/16"	1 1/2"	1 3/8"	P	1						
H wheels	3/8"	2 3/8"-diam.		P	4	Supplies: 4-#8 brass finish (countersunk) washers, 4-#12 brass finish (countersunk) washers, 4-#8x1 1/4" flathead brass screws, 1/8" dowel stock, acrylic paints (listed in Buying Guide at the end of the article).					
I box front & back	1/4"	1 3/8"	2"	P	2						
J box sides	1/4"	1 3/8"	3 1/4"	P	2						

WHEEL DETAIL



5 Laminate thinner stock to form the 2"-thick hood (E). Trim to length, transfer the pattern to the front end, and bandsaw or sand the top of the hood to shape. Cut a slight groove down the top center of the hood. Bandsaw a piece of $\frac{1}{8}$ " dowel to the same length as the hood. Paint the dowel and glue it in place in the groove.

6 Center the hood (E) side-to-side on the chassis and $\frac{3}{16}$ " back from the front edge. Glue and clamp the hood in place. Later, glue and clamp the cab pieces (B, C) and roof (D) in place.

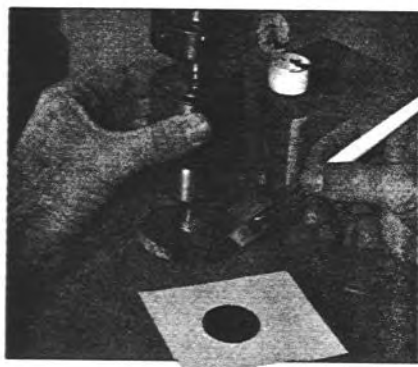
7 Cut the radiator (F) and grille (G) to shape. Use a scrollsaw or coping saw to cut the grille opening in the radiator.

8 To highlight the grille use a dovetail saw to cut kerfs $\frac{1}{16}$ "-deep in it. Then, center and glue the radiator to the front end of the hood. Glue the grille in the opening in the radiator.

The wheels let 'er roll

1 Using a bandsaw or scrollsaw, cut the four wheels (H) to shape from $\frac{3}{8}$ "-thick stock. Drill a $\frac{3}{16}$ " hole centered in each wheel.

2 Paint the wheels red. Later, chuck a $\frac{3}{16}$ "x2" bolt with a wheel attached to it into your drill press. Start the drill, and sand the edge if necessary for a perfectly round wheel. Stop the drill and rotate



Secure a wheel on a bolt in your drill press. Turn the chuck by hand to paint the black on the wheels.

the arbor by hand to paint the black rims as shown in the photo above. Repeat for each wheel.

3 Referring to the Wheel detail, use #8x $1\frac{1}{4}$ " flathead brass wood screws and finish (countersunk) brass washers to secure the wheels to the chassis. (To keep the screws from working loose over time, we added a drop of instant glue to each screw pilot hole, and immediately drove the screw until the wheel turned freely without wobbling.)

Add a box for plenty of payload

1 Cut the truck box front and back (I), sides (J), bottom (K), and trim pieces (L, M) to size.

2 Glue and clamp the box pieces (I, J, K), being careful not to

scratch the soft pine, and scrape off the excess glue. Then, glue the trim pieces (L, M) in place.

3 Center and glue the box to the chassis directly behind the cab. The outside surfaces of the box should be flush with the outside edges of the chassis.

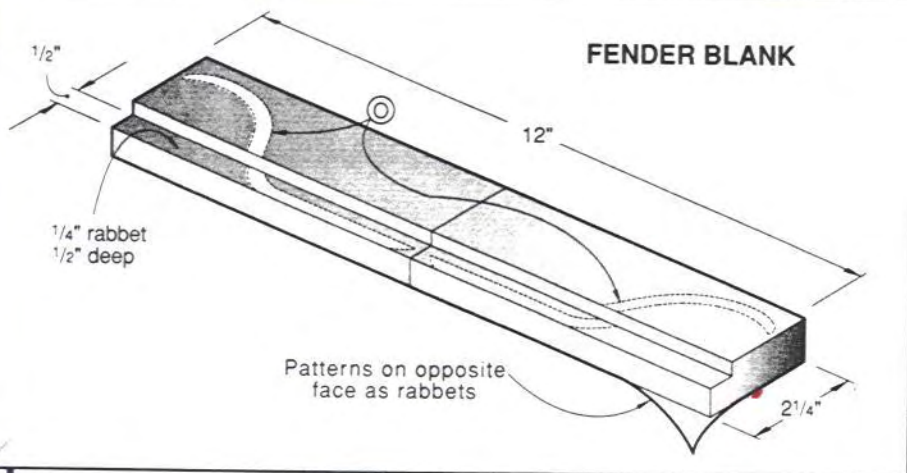
Fenders keep down the mud

1 Cut the rear fender blank (N) and front fender blank (O) to the sizes listed in the Bill of Materials.

2 Transfer the full-sized side view rear fender pattern to the outside face of the rear fender blank (we used two photocopies). Bandsaw the rear fenders to shape (we used a $\frac{1}{8}$ " blade).

3 To form the front fenders, cut a $\frac{1}{4}$ " rabbet $\frac{1}{2}$ " deep along the bottom inside edge of the fender blank where shown on the Parts View drawing. Next, transfer the side view full-sized patterns to the front fender blank. Note that you'll have to make a pair of patterns; one for the right side and one for the left side. Cut along the side view pattern to cut the fenders to shape.

4 Finish-sand the front and rear fenders. Paint the fenders, then, glue and clamp them to the chassis, hood, and truck box where shown on the Side View and Exploded View drawings.



Buying Guide

Paint. Two-ounce bottles of Delta Ceramcoat crimson 02076 (red), yellow 02504, copen blue 02051, and black 02506. \$1.99/bottle, plus \$3.50 postage and handling per order. Meisel Hardware Specialties, P.O. Box 70W, Mound, MN 55364. Credit card orders, call 800/441-9870. ♣

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