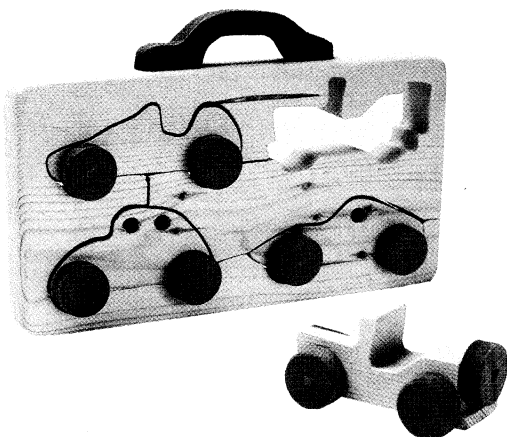


4-PACK OF CARS



1. Cut part A to size from a 2X8. Round off all the sharp edges and corners, and then sand smooth.

2. Transfer the design to the stock. Locate all axle centerpoints, windows, and cutlines.

3. Drill $\frac{5}{16}$ " axle holes and $\frac{1}{2}$ " window holes where marked.

4. Cut out the cars, using a bandsaw with a $\frac{1}{8}$ " blade.

5. Transfer the pattern for the handle (B) onto a piece of contrasting stock and cut it out. Round off the handle edges with a rasp. Sand the cars and the handle.

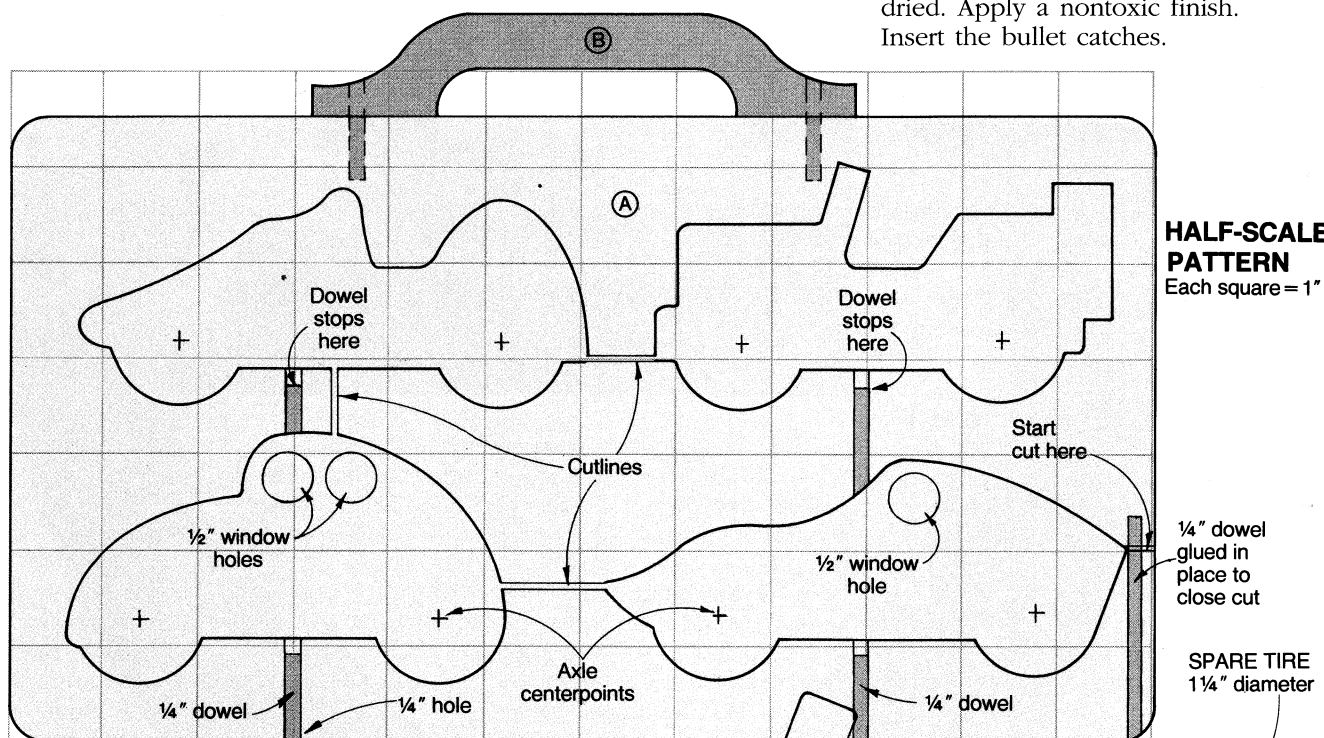
6. Add interest to the cars by making the $1\frac{1}{4}$ " wheels (C) from a contrasting wood. Using a $1\frac{1}{2}$ " holesaw, cut through the stock until the $\frac{1}{4}$ " pilot bit of the holesaw penetrates the opposite side of the stock. Remove the

holesaw, then flip the stock over, and finish the cut.

7. Glue and clamp the carrying case back together at the entry cut. After the glue has set up, remove the clamp, then drill and peg the cut line with a $\frac{1}{4}$ " dowel. Glue and clamp the handle to the case, and drill $\frac{1}{4}$ " dowel mounting holes. Add a few drops of glue to each dowel hole, and glue the handle in place. When dry, sand all protruding dowels flush.

8. Drill $\frac{1}{4}$ " holes in the case. Insert cars and mark for catches, then drill $\frac{3}{8}$ " holes in the bottom of the cars to accept the catches. Partially plug the holes in the case with $\frac{1}{4}$ " dowels to the point shown.

9. Insert the axles (D), glue the wheels to the axles, and sand them flush after the glue has dried. Apply a nontoxic finish. Insert the bullet catches.



Bill of Materials

Part	Finished Size			Mat.	Qty
	T	W	L		
A	1 $\frac{1}{2}$ "	6 $\frac{1}{2}$ "	12"	P	1
B	$\frac{3}{4}$ "	1 $\frac{1}{8}$ "	5 $\frac{3}{4}$ "	W	1
C	$\frac{1}{2}$ "	1 $\frac{1}{4}$ " diam.		W	17
D	$\frac{1}{4}$ " diam.	2 $\frac{3}{4}$ "		D	8

Material Key: P-pine, W-walnut, D-dowel.
Supplies: 4—bullet catches to fit $\frac{3}{8}$ " holes (available at hardware stores), clear finish.

