

ALL-NATION'S OUTSIDE BRACED BOX CAR

For Scale and Tinplate in "O" Gauge



See Rib Detail
on Drawing
For Proper
Spacing of
ROOF RIBS.

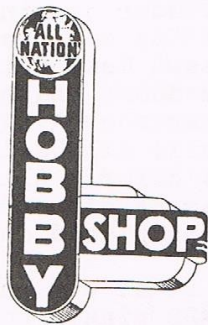
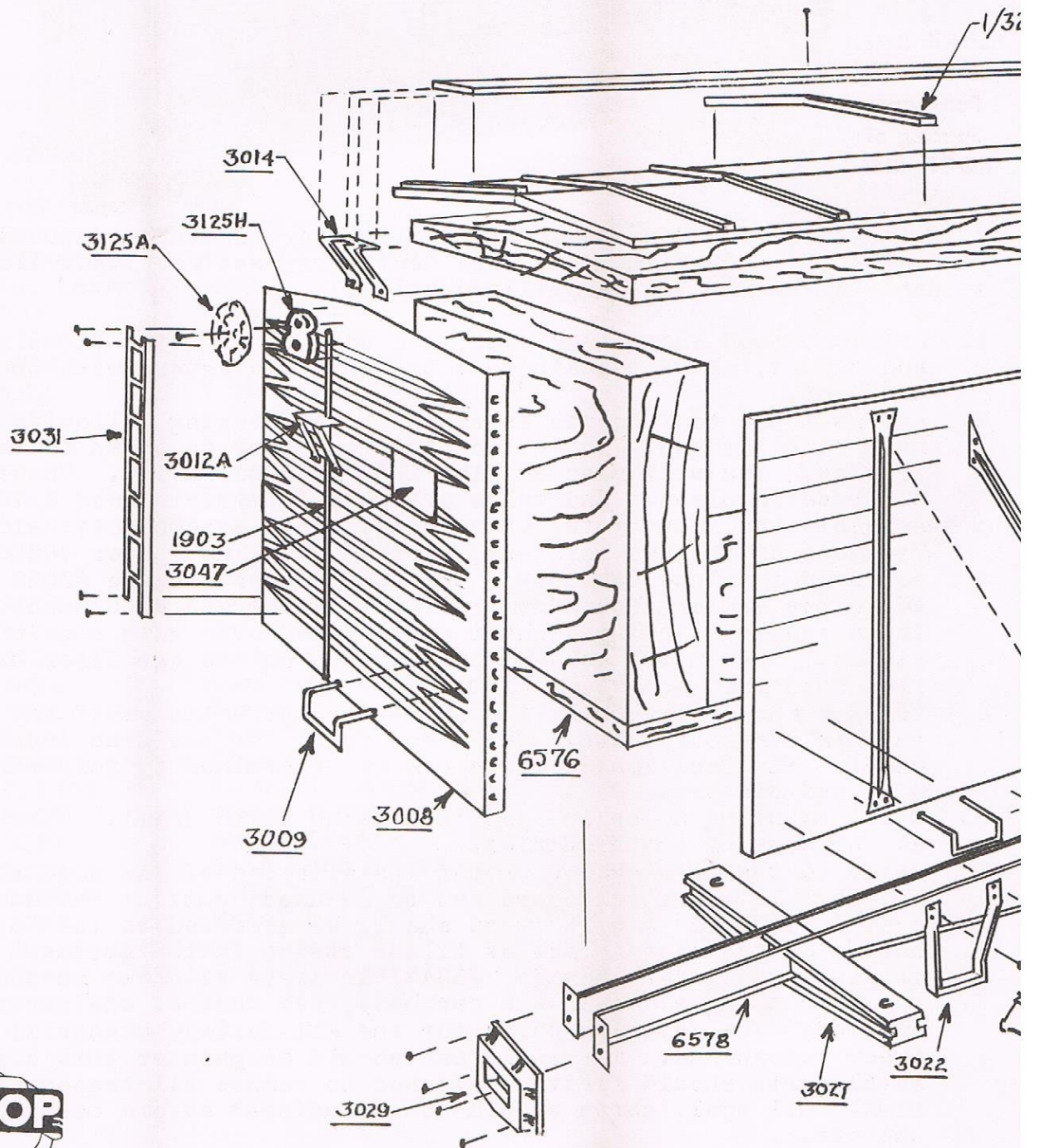
READ these instructions carefully before starting the construction of your ALL-NATION OUTSIDE BRACED BOX CAR. For best results follow the sequence of operations as outlined below.

1. Assemble wood ends, wood roof, and wood floor using #20 wire brads and cement. Make certain that the ends are square with the floor and roof.
2. Assemble the roof boards as shown in the drawing, allowing equal overhang on all edges. Now put on the roof ribs as shown on the detail drawing. You will need 28 ribs $1/32'' \times 5/32'' \times 1\frac{1}{4}''$. These may be cemented in place. End walks are made from strip wood $1/16'' \times 1/8''$.
3. Assemble and mount metal underframe. This assembly is held in place by means of the two bolsters, Part #3027. The spacer #6580 should be soldered in place as shown. The two coupler pockets #3029 are attached to the end of the under frame with #22 brass escutcheon pins. These should be clipped short and riveted over with a pair of long nose pliers. The entire assembly is mounted on the car floor using the #2 flat head wood screws, #C-1401.
4. Using a #68 drill, drill the holes for the brake platform, ladders, roof walk support, etc. Use a #66 drill for the grab irons and brake wheel. The location of these can be determined by referring to the plan and pictures.
5. Drill mounting holes in roof walk using a #66 drill. These are spaced the same as the roof ribs.
6. Refer to the drawing for proper installation of the door slides and frames. If operating doors are to be used, cut out the door opening. A strip of $1/32'' \times 5/32''$ wood should be cemented to the top and the bottom of the door to act as filler strips in the guides. Next solder or glue the placard boards, #3047, in place as shown on doors and ends.
7. Before putting sides on the car body, the rest of the car should be painted. The matching paint for the All-Nation box car is All-Nation Super Tuscan Red. The whole car should be painted this color. All metal parts should first be cleaned to remove all traces of oil and flux. All small parts should now be painted before being placed on the car.
8. The final step in completing the kit is to install the sides and ends. Then mount the doors, braces and other hardware using #22 pins. For best results drill #70 hole for the pins. Touch up the heads of the pins. Mount couplers and trucks and car is complete.

(continued on Page 4)

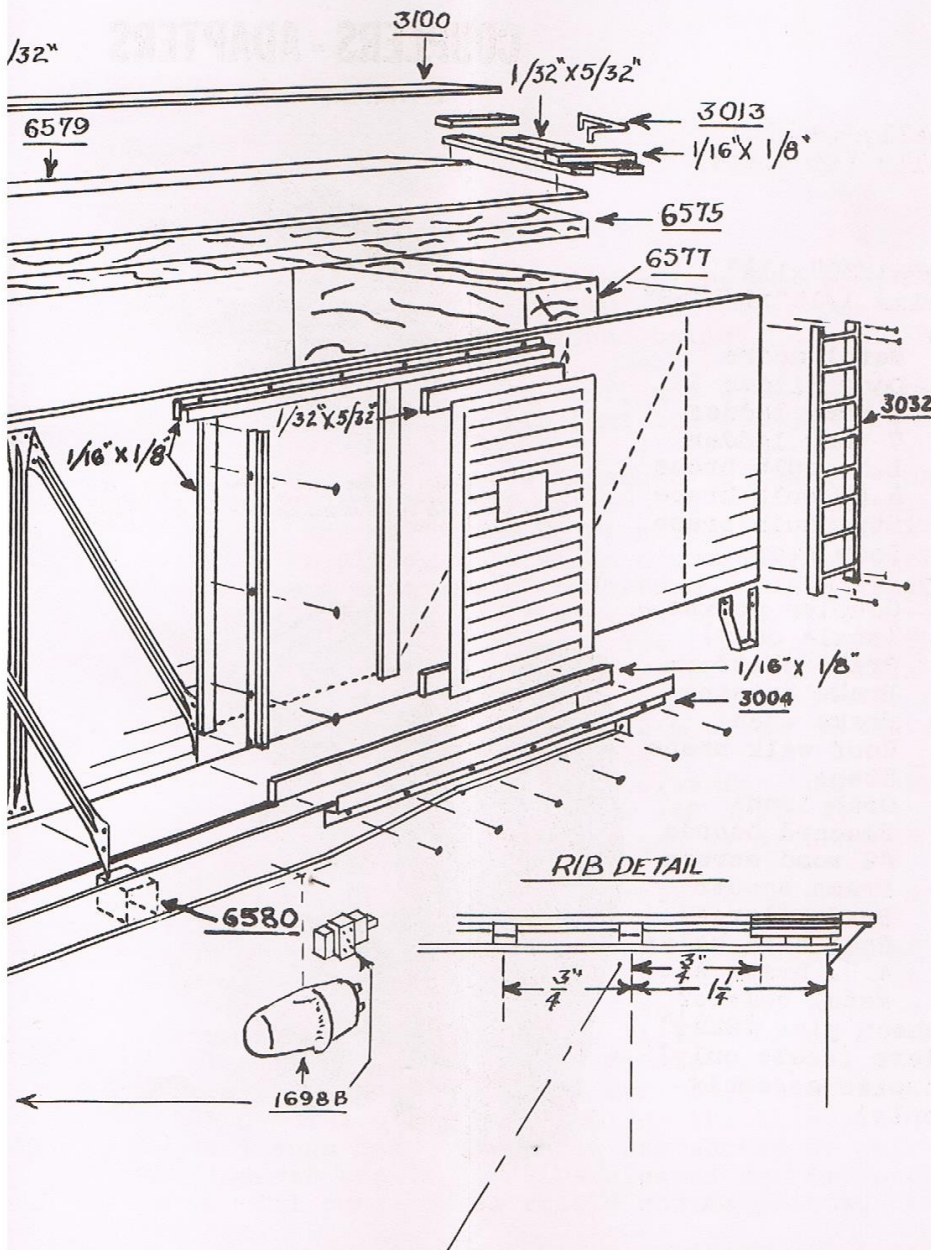
ALL-NATION'S

OUTSIDE BRACED BOX



CAR

Tinplate or Scale in
"0" GAUGE



All-Nation Hobby Shop

182 N. LA SALLE ST., Near S. W. Corner, Lake
and La Salle Sts., CHICAGO 1, ILL.

ALL-NATION'S OUTSIDE BRACED BOX CAR

Every effort has been made to bring you the finest kits in "0" gauge. Don't spoil your model with a hurried or careless job!

** TINPLATE kits contain a milled wood underframe and coupler pocket has been omitted. This has been done so that the coupler can swing on the adaptor without interference. Otherwise kit is constructed same as scale.

PARTS LIST

6575	1	Wood roof
6576	1	Wood floor
6577	2	Wood ends
3008	2	Metal ends
6578	2	Metal fish belly (scale)
6583	1	Wood fish belly (tinplate)
6579	2	Roof boards
3100	1	Roof walk
1903-C	1	.032 wire
6581	4	Battens 5/32"x1/32"x11 1/2"
6582	5	Endwalks, shims 1/16"x1/8"x8"
6550	1	Sub assembly
	3002	2 Metal doors
	3004	4 Door slides
	3032	2 8 rung ladder
	3031	2 7 rung ladder
	3017	4 L.H. bulb brace
	3016	4 R.H. bulb brace
	3018	8 Str. bulb brace
	6583	2 Door stop
6551	1	Sub assembly
	3029	2 Coupler pocket (scale only)
	3012-A	1 Brake platform
	3125-H	1 Brake housing
	3125-A	1 Brake wheel
	3014	2 Roof walk brace
	3022	4 Steps
	3009	4 Grab irons
	3047	4 Placard boards
	C-1401	4 #2 wood screws
	6580	1 Frame spacer
	3151	12 Brads (large)
	3013	2 Roof hand holds
	1698-B	1 A.B. brake set
	3027	2 Metal bolster
	1	Pkg. escutcheon pins #22x1/4"
3816	2	Scale couplers (scale only)
3822	1	Tinplate coupler assembly (tinplate only)

COUPLERS - ADAPTERS

for TINPLATE OPERATION

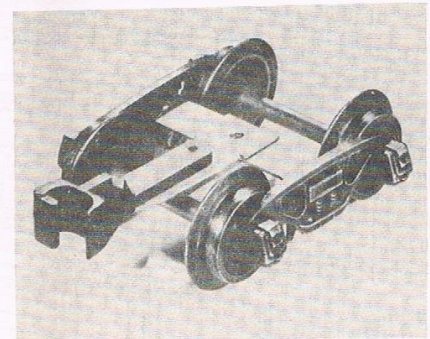
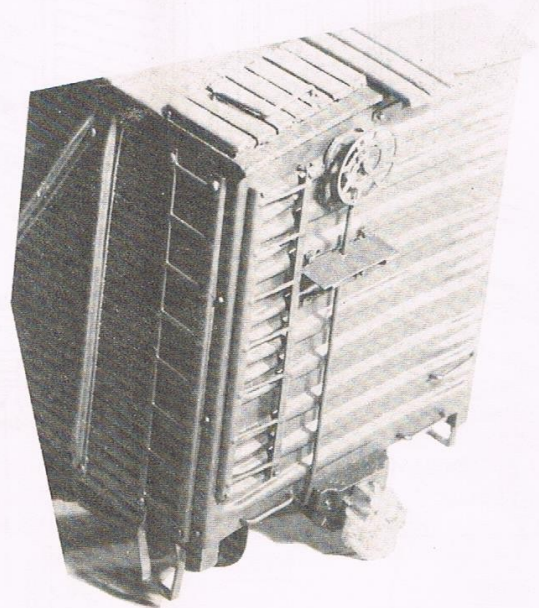


Illustration showing tinplate dummy coupler and bolster adapter mounted in position on scale truck fitted with tinplate wheels allowing operation with Lionel automatic couplers.



ALL-NATION HOBBY SHOP

182 North La Salle Street

Chicago 1, Illinois