

ALL-NATION'S 40' STEEL BOX CAR

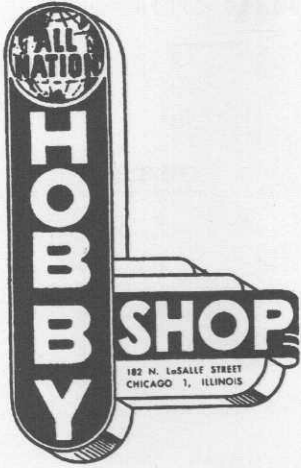
For Scale and Tinplate in "O" Gauge



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

1. Assemble and mount metal underframe to wood floor. This assembly is held in place by means of the two bolster mounting blocks, part #3049. The round portions of the blocks fit into the pre-drilled holes in the wood floor as shown in drawing and are held in place by means of two #2-56 screws used with two flat washers. Proper placement of cross braces can be determined by referring to the drawing and to the metal sides to be used.
2. Assemble wood ends, wood roof, and wood floor together using the #20 wire brads and cement if desired. Make certain that the wood body is assembled with the floor, roof, and ends square with each other.
3. Use a #68 drill to drill the holes necessary for mounting the brake platform, ladders, brake housing, and roof walk supports and a #66 drill for the grab iron mounting holes and brake wheel mounting hole. The location of these can be determined by referring to the drawing. The ends may now be mounted, making sure that they are centered from side to side and are flush at the roof, so that the metal roof will fit down properly over the ends.
4. Lay out mounting holes in the roof walk by placing the roof inverted on the roof walk and spotting the holes for drilling. Be sure that walk is centered both lengthwise and crosswise when doing this. Use a #66 drill.
5. Press the metal roof down over the wood roof making sure that it overlaps the ends and that it is down all the way. Fasten down by nailing through each of four holes about 1/4" from each end. Next nail the roof walk and roof ribs in the center after which the ribs are gently bent over the edge of the roof and nailed in place. After this is done roof walk supports, roof end platforms, and roof hand holds can be installed. Fasten AB brake set in place using model airplane cement and mount coupler pockets, first drilling mounting holes. (Coupler pocket on scale car only).
6. Before installing the painted and lettered sides, the entire car as built so far should be painted. The roof, ends, and underbody, are painted according to the paint and scheme list which is included in the kit. The matching colors for the All-Nation kit, are All-Nation Super Lacquers. The metal parts should of course be cleaned with a good solvent such as naphtha or lacquer thinner to remove all traces of oil or solder flux. At the same time the car is painted the ladders, steps, grab irons, door channels and doors which will be used on the sides should also be painted.
7. The final step in completing this kit is to install the sides, mount the doors and hardware, and touch up the heads of the escutcheon pins used to mount the sides and the hardware. The sides are mounted by sliding them underneath the side overlap on the ends, and fastening in place with escutcheon pins.

Every effort has been made to bring you the finest "O" gauge car kit on the market. Don't spoil your model with a hurried or careless assembly job.



All-Nation's 40 Foot Steel Box

For Scale and Tinplate in "O" Gauge

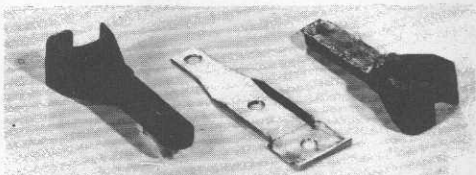
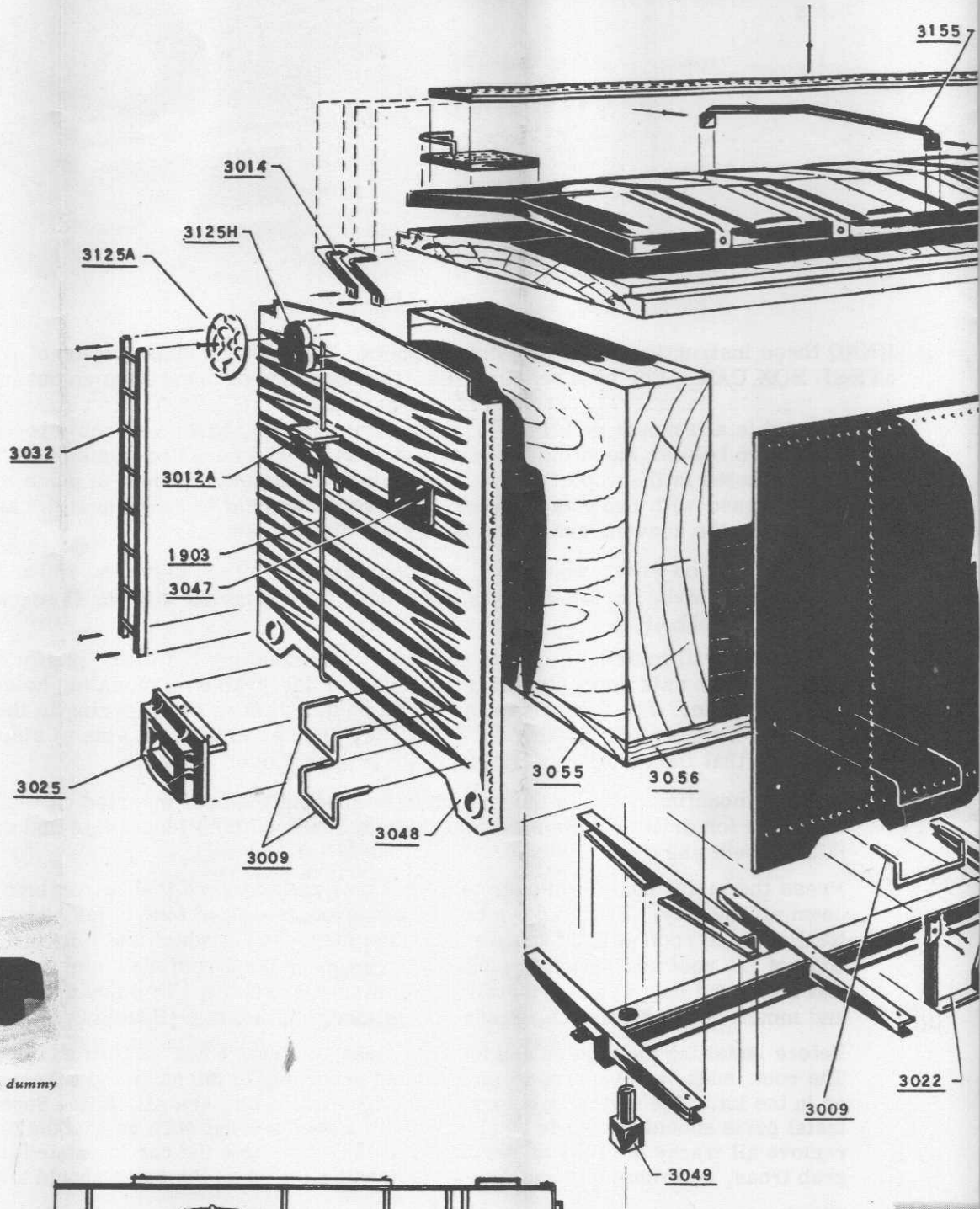
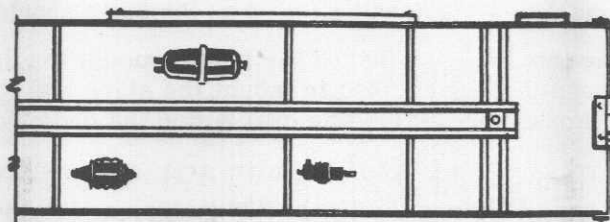


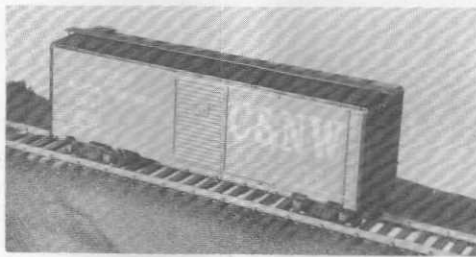
Illustration showing top and bottom of tinplate dummy coupler with bolster adapter before mounting.



DRILL COUPLER POCKET
MTG. HOLES AS REQD.



Car



COUPLERS - ADAPTERS

for TINPLATE OPERATION

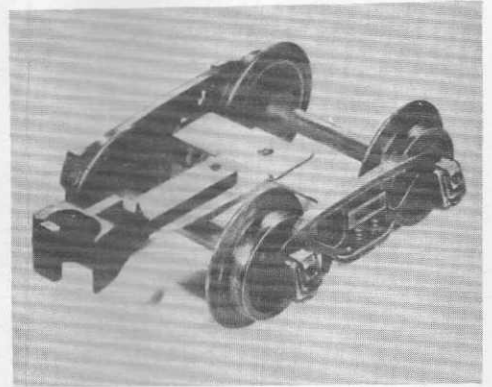
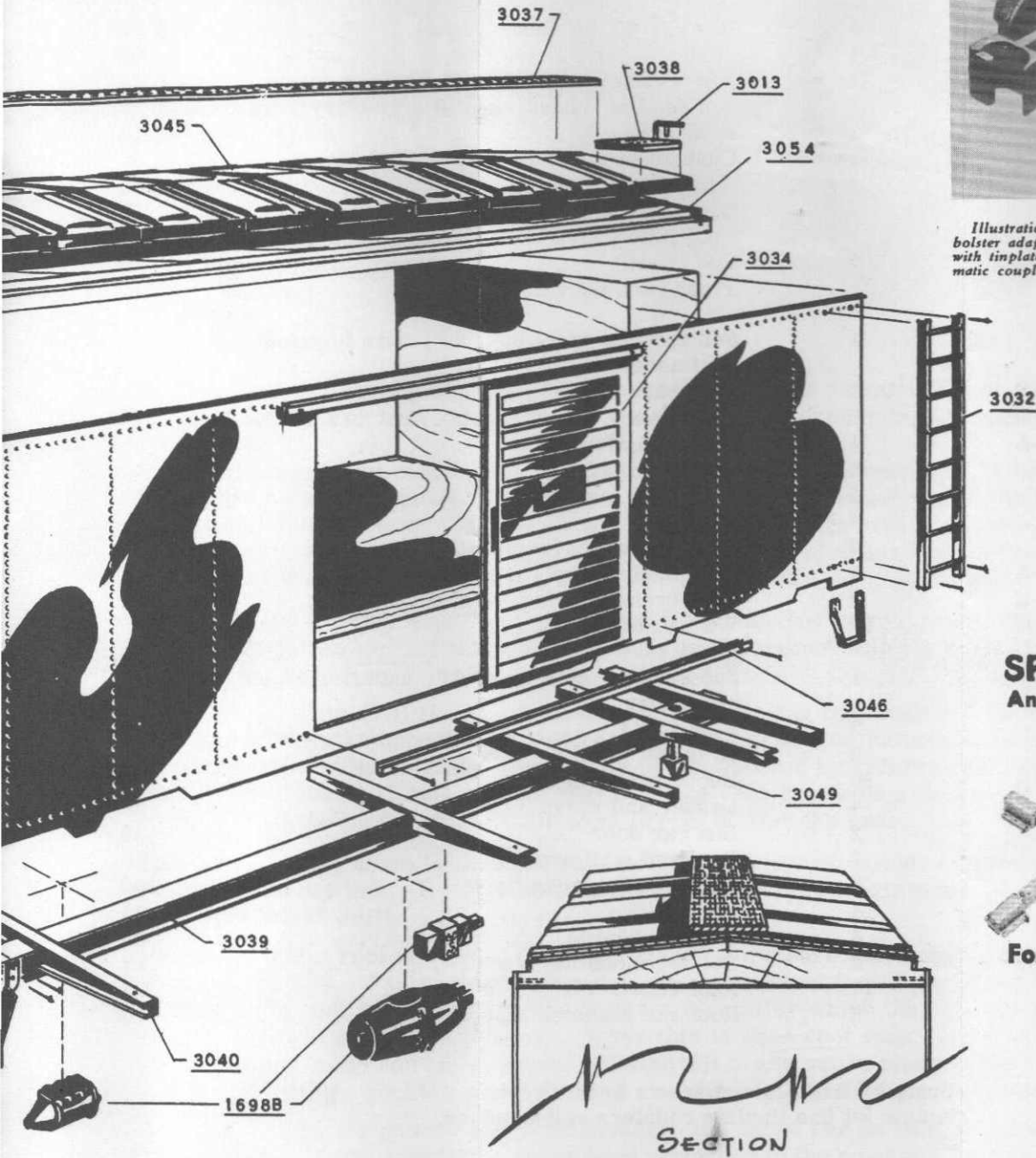


Illustration showing tinplate dummy coupler and bolster adapter mounted in position on scale truck fitted with tinplate wheels allowing operation with Lionel auto matic couplers.



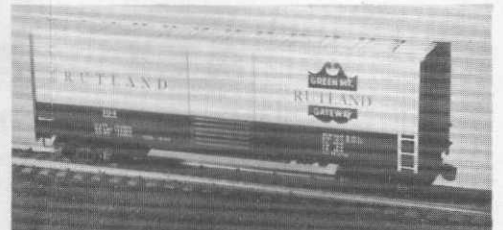
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Cars
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Kit 50c

For Realistic Starts and Stops



PARTS LIST

<u>PART NO.</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>PRICES</u>
3600	1	Box car 40' kit (less trucks)	\$ 4.95
1903	1	.032 x 5" wire . . . . .	.03
2478	1	Sub section, wire forms & roof accessory . . .	1.70
2479	1	Sub section, underframe & accessory	3.00
3037	1	Roof walk . . . . .	.15
3039	1	Channel underframe . . . . .	.35
3045	1	Roof, metal . . . . .	.50
3048	2	Dreadnaught ends pr.	.30
3054	1	Roof (wood) . . . . .	.35
3055	2	End (wood) pr.	.20
3056	1	Floor (wood). . . . .	.15
2478	1	Sub section, steel box, 40', wire forms & roof accessory	
1698-B	1	AB Brake set . . . . .	.25
3009	8	Grab iron dz.	.20
3012-A	1	Brake Platform . . . . .	.15
3013	2	Roof hand hold. . . . .	.02
3014	2	Roof walk supports. pr.	.10
3022	4	Car steps set of 4	.25
3025	2	Coupler pocket (scale only) pr.	.25
3125-A	1	Ajax brake wheel. . . . .	.15
3125-H	1	Ajax brake housing. . . . .	.10
3151	20	Wire brads #20. pkg.	.25
2479	1	Sub section, steel box, 40', underframe & accessory	
C-1259	2	2-56 x 1/4. . . . .	.03
C-1800	2	#3 brass washer . . . . .	.03
C-2018	80	Escutcheon Pin #22 (1/4"). pkg.	.50
3032	4	Ladder and rungs set of 4	.35
3034	2	Box car door pr.	.30
3038	2	Roof end platform pr.	.15
3040	8	Underframe cross brace dz.	.60
3046	4	Door Slides set of 4	.30
3047	4	Placard boards ea.	.05
3049	2	Bolster mounting block pr.	.15
3155	11	Roof ribs dz.	.35
3061	2	Roof end platform risers pr.	.10

Scale kit has scale couplers in this section.
Tinplate kit has tinplate couplers and adapters.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

ALL-NATION HOBBY SHOP

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182 North La Salle Street

Chicago 1, Illinois