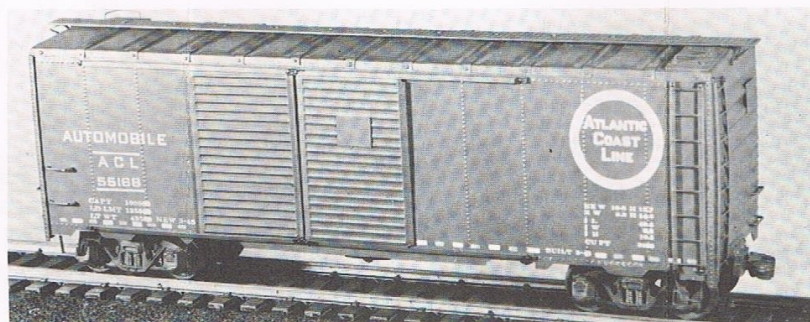


# 40 Ft. Steel Automobile Car

## IN O GAUGE - BY ALL-NATION

Scale



or Tinplate

READ these instructions carefully before proceeding with the construction of your ALL-NATION STEEL AUTO 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 predrilled holes in the wood floor as shown in the drawing and are held in place by means of two #4-40 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 couplers.
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 "0" gauge car kit on the market. Don't spoil your model with a hurried or careless assembly job.

# COUPLERS - ADAPTERS

for TINPLATE OPERATION

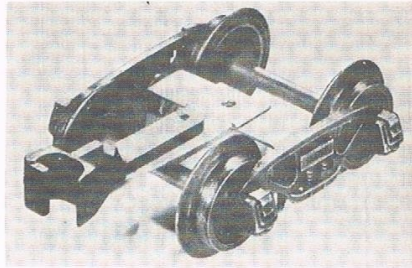
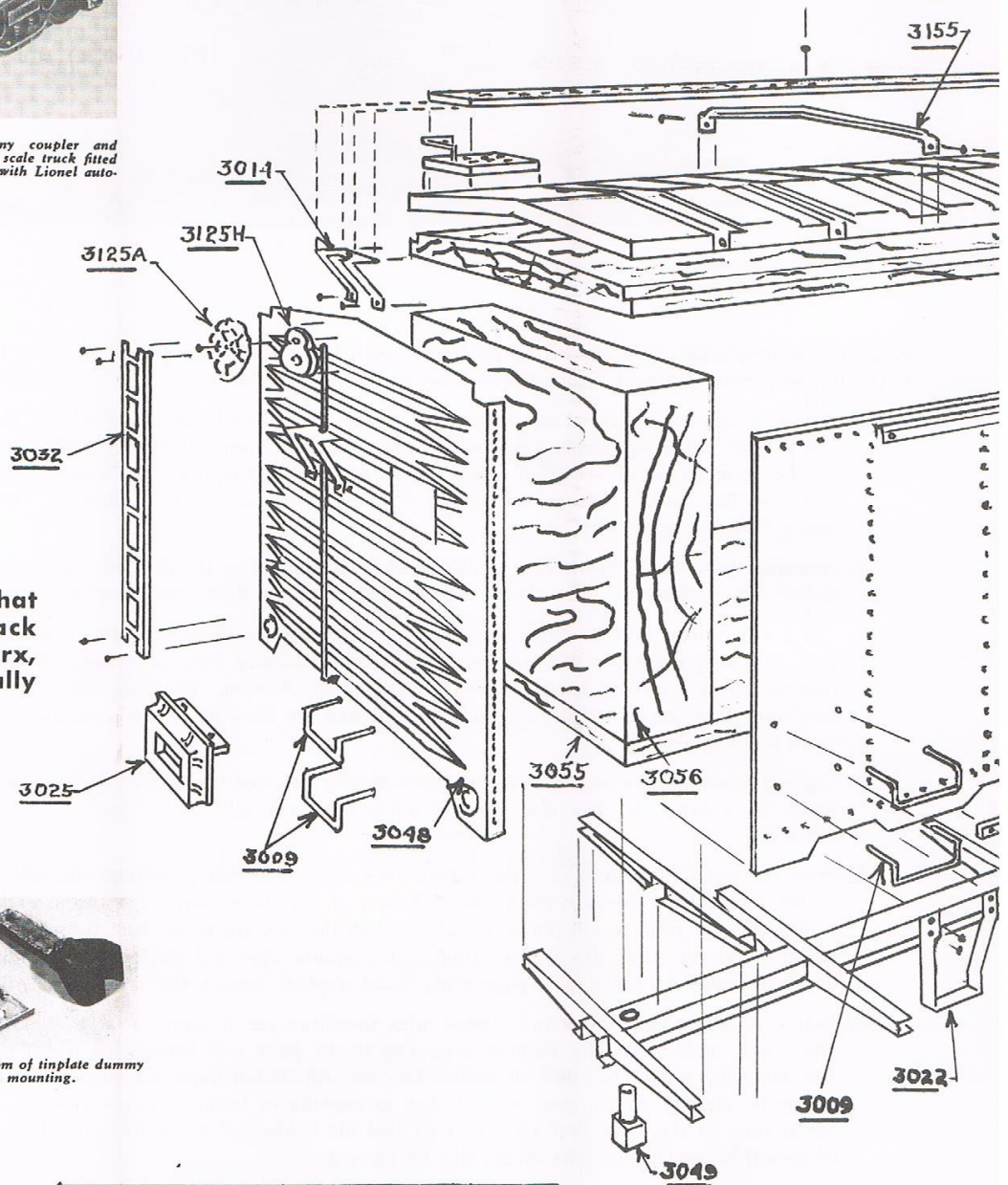


Illustration showing tinplate dummy coupler and bolster adapter mounted in position on scale truck fitted with tinplate wheels allowing operation with Lionel automatic couplers.

# Assembly Instruction 40 Ft. Steel Auto IN O GAUGE - BY Scale or Tinplate



**TINPLATER** is one that uses Toy Train Track such as Lionel, Marx, Gargraves etc. Usually 3 Rail.

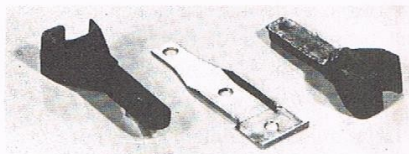
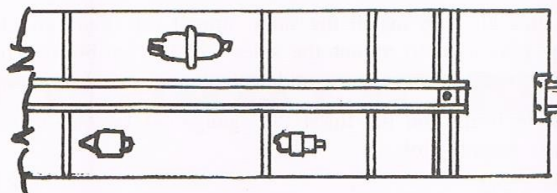


Illustration showing top and bottom of tinplate dummy coupler with bolster adapter before mounting.



**ALL-N**  
EVERYTHING

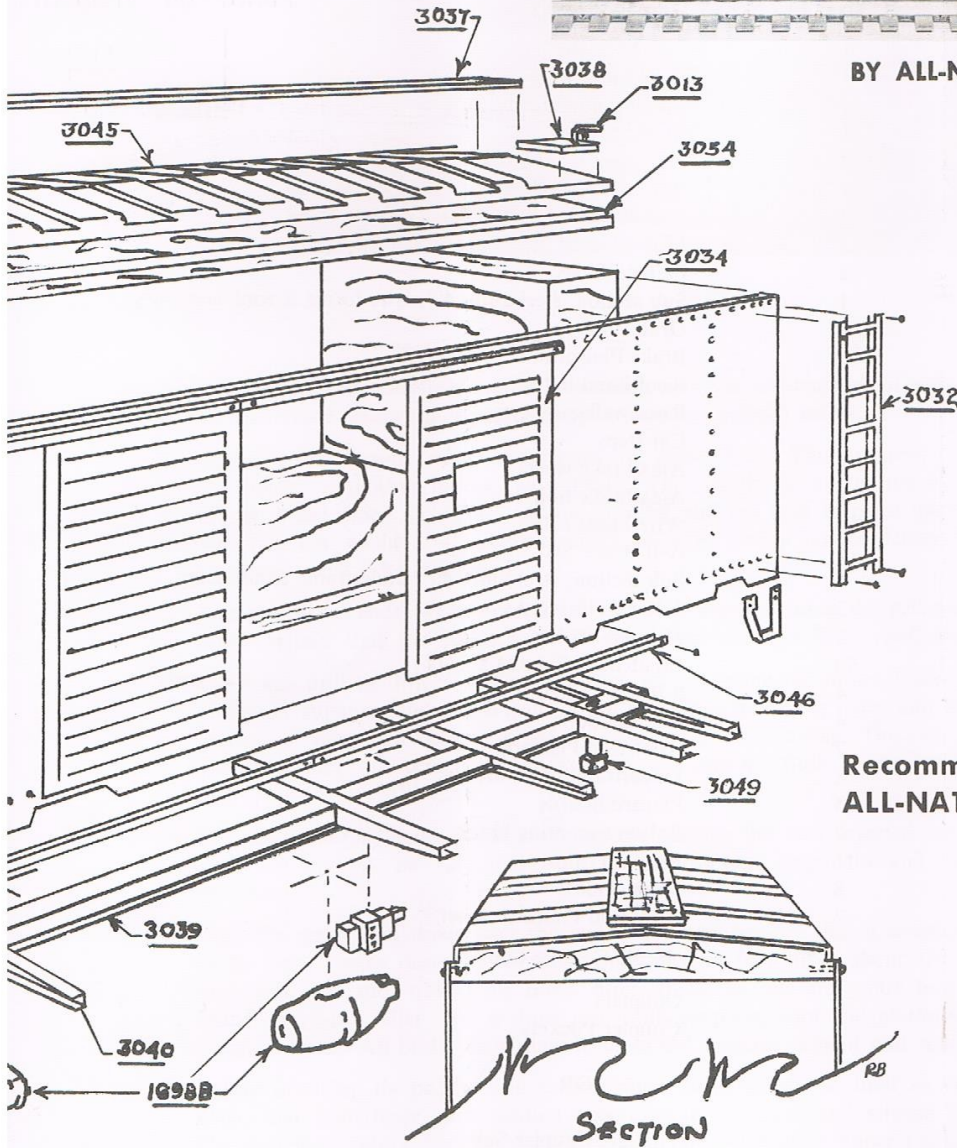
P.O. Box 145

# nobile Car

-NATION



BY ALL-NATION—LEADER IN O GAUGE



Recommended Matching Paints  
ALL-NATION SUPER LACQUERS

## TION LINE

THE BUILDER AND COLLECTOR

Des Plaines, Illinois 60017

**40 FOOT STEEL AUTOMOBILE CAR  
PARTS LIST**

PART NO.	QUANTITY	DESCRIPTION
1902	1	.032 X6'' wire
3037	1	Roof walk
3039	1	Channel underframe
3045	1	Roof, metal
3024	2	Pullman - Standard Ends
3054	1	Roof (wood) sub
3055	2	End (wood)
3056	1	Floor (wood)
36XXS	2	Painted Sides
2478	1	Sub section, steel auto, 40', wire forms & roof accessory
3009	8	Grab iron
3012	1	Brake Platform
3013	2	Roof hand hold
3014	2	Roof walk supports
3022	4	Car steps
3125-A	1	Ajax brake wheel
3125-H	1	Ajax brake housing
3151	20	Wire brads #20
1698-B	1	A-B Brake Set
2479-A	1	Sub section, steel auto, 40', underframe & accessory
C-1404	2	4-40 x 5/16 screw
C-1804	2	#5 brass washer
675	50	Escutcheon Pin #24 x 1/4''
3032	4	8 Rung Ladder
3034	4	Box car door
3038	2	Roof End Platform
3040	8	Underframe cross brace
3047	4	Placard boards
3049	2	Bolster mounting block
3155	11	Roof rib
3046	8	Door Slides
3061	2	Roof End Platform Riser
		Scale Coupler Sub
1591	2	Couplers
3025	2	Coupler Pockets
		OR
		Tinplate Coupler Sub
3820	2	Tinplate Coupler
3821	2	Coupler Adapters

**ALL-NATION LINE**

**P.O. Box 145**

**Des Plaines, Illinois 60017**