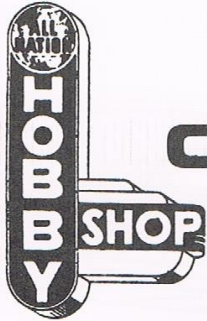


ALL-NATION LINE

0
GAUGE



COMPOSITE REEFER

ASSEMBLY INSTRUCTIONS

Before starting to build this car, read these instructions carefully. Follow the sequence of construction and you will build a car that you will be proud to display to anyone.

1. Clean any flash from die-cast parts and check all other parts.
2. Paint with model railroad paint the following parts:
 - a. Two 7 rung ladders—dull black
 - b. Six car steps—dull black
 - c. Bottom edge of car side—dull black

While these parts are drying, you may proceed with the assembly of the body.

3. **BODY.** Pin and glue wood ends to wood floor, then place the wood roof between the ends making sure it is flush with the top edge. Be sure this framework is perfectly square. Now attach the sides. These should be carefully mounted using pins and cement. Trim sides to make all edges flush with the rest of the body.
4. **METAL ENDS.** Lay out holes for mounting details on the ends. Then drill them with a #65 drill. Now pin the metal ends on through four holes punched on each edge so that the top of the ends are flush with the top of the wood roof. The ends are not made flush with the floor. They will be 1/8" above it.
5. **METAL ROOF.** Snap the metal roof over both ends and hold in place by pinning through the first two holes in each corner. Make sure that it is brought down tightly before pinning. Now attach the roof ribs as shown in the drawing but only pin them through the ends. Do not put pins through the center. Start from the center of the car and work towards the ends using the 9 roof ribs furnished. The roof walk can now be mounted by drilling a series of #65 holes, matching with the holes in the roof, and pinning it on. Metal end supports should be fastened to the car ends with pins and to the roof walk by drilling a #65 hole in walk ends, using a pin as a rivet.
6. **ICE HATCHES.** It is recommended that two #60 holes be drilled in the die-cast ice hatch platform and #20 brads be used for mounting. Roof hand holds are then mounted in the pre-drilled holes.
7. **UNDERFRAME.** Mount the two body bolsters in place so that the center of the truck mounting hole is 1-9/32" in from each end. (Use the four #2 X 3/8" Fl. hd. wood screws.) Fit the milled wood center beam in place between the body bolsters. Cross braces are cut and then mounted as shown in the drawing.
8. **AB BRAKE SET.** These parts are cemented on in the location shown on the inset drawing.
9. **END-SILLS.** Insert pins in the holes in the end-sills to form the coupler pockets. Drill two #60 holes in each of the mounting lugs on the end-sills. Using #20 wire brads fasten end-sills to the car body as shown in the drawing. Use pin to mount couplers with a wood block inserted between couplers and the floor. Be sure couplers swing free without binding. (End Sill is not included in tinplate car.)
10. End ladders, side ladders, brake platform, brake-wheel assembly and grab-irons should then be mounted in pre-drilled holes as shown on the drawing. Also mount reefer door hardware at this time using cement.
11. Now paint the ends and roof Tuscan red and the under-body dull black. Use care to keep from getting paint on the finished sides.
12. **TRUCKS.** Mount trucks using screws provided with trucks.
13. Touch up escutcheon pins with correct paint.

Your ALL-NATION kit is now complete and we know you are well pleased with the results obtained.

P.O. Box 145

Des Plaines, Illinois 60017

COUPLERS - ADAPTERS

for TINPLATE OPERATION

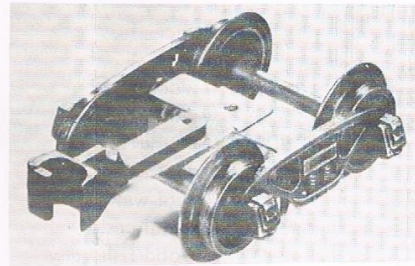
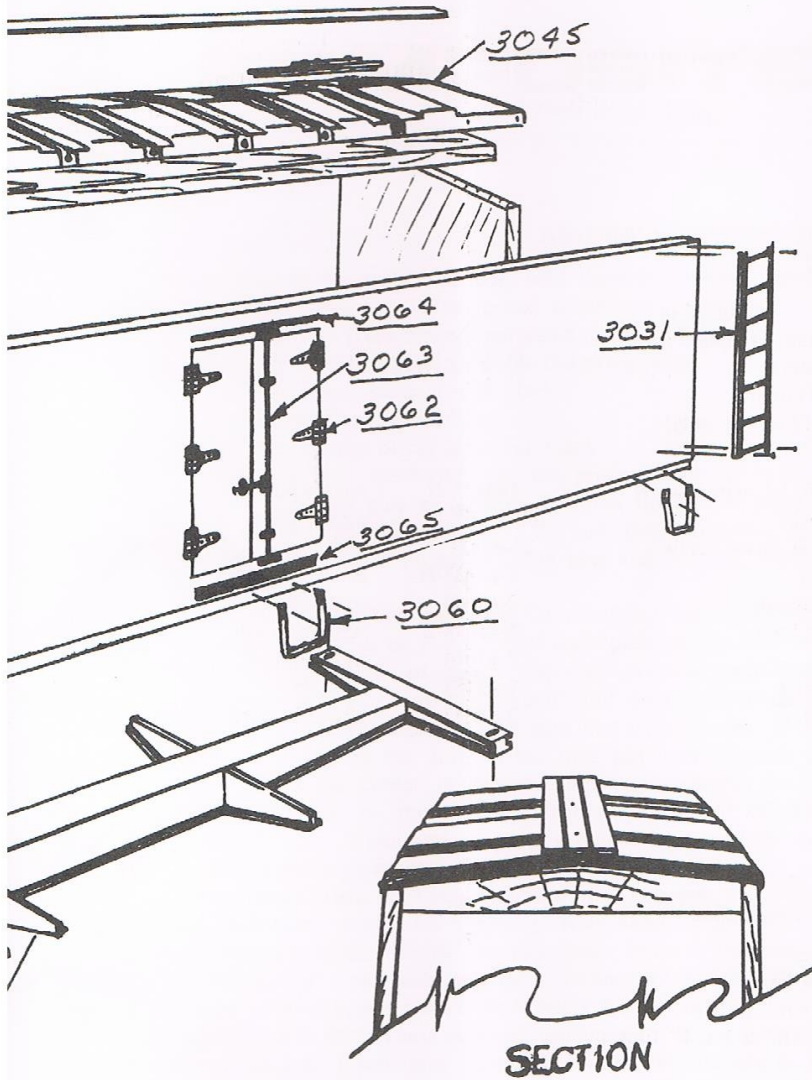


Illustration showing tinplate dummy coupler and bolster adapter mounted in position on scale truck fitted with tinplate wheels allowing operation with Lionel automatic couplers.

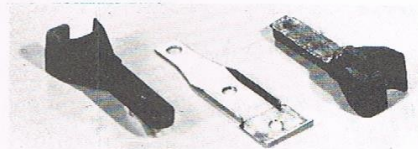


Illustration showing top and bottom of tinplate dummy coupler with bolster adapter before mounting.

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

0 - GAUGE

ASSEMBLY DRAWING
42' COMPOSITE REFRIGERATOR

N LINE

R.E.B.

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Plaines, Illinois 60017

NO. 3900 COMPOSITE REEFER
PARTS LIST

1-#3901	wood roof		
1-#3902	wood floor		
1-#3045	metal roof		
2-#3903	wood ends		
1-#3100	roof walk		
2-#3007	metal ends		
1-#3904	wood fish belly		
1-#1902	.032 wire		
1-#3905	wood cross brace I- Beam		
1-#2474	sub section		
2-#3026	end sill	omitted in	
2-#C-2019	end sill pins	Tinplate cars	
2-#3027	Body bolster		
2-Couplers	Scale or Tinplate		
2-3821	Adapters (Tinplate only)		
1-#2475-A	sub section		
4-#C-1401	#2x3/8''F. hd. wood screw	1#3125-A	Ajax wheel
2-#3542	wood blocks	100-#675	pins
2-#175	#2x3/8R.H. wood screw	25-#3151	pins
6-#3009	grab irons	1-#3125-H	brake housing
1-#3012	brake platform	2-#3060	center step
2-#3013	roof hand hold	1-#1698-B	AB brake set
4-#3022	steps	2-#3014	walk support
2-#3030	6 rung ladder	9-#3155	roof ribs
2-#3031	7 rung ladder	2-#3047	placard board
1-#2476	sub section		
2-#3115-R	ice hatch		
2-#3115-L	ice hatch		
1-#3900-I	instruction sheet		
1-#3500	set of sides		
1-#3066	Reefer Door Hardware Sub Section		
12-#3062	Reefer Hinges		
2-#3063	Reefer Latch Bar		
1-#3064	Drip Strip 1/16'' Angle		
1-#3065	Side Plate 3/16'' x 2 1/4'' Flat		

ALL-NATION LINE

EVERYTHING FOR THE BUILDER AND COLLECTOR

P.O. Box 145

Des Plaines, Illinois 60017