



NIXON MODEL COMPANY
BOX 514
SOUTHAMPTON, PENNA.

Super Scale

28 DIFFERENT RAILROADS OF YOUR CHOICE!
PRELETTERED!
PREPAINTED SIDES!
AUTHENTIC COLORS!

F1

40'-6" STEEL SHEATHED *A.A.R. Standard Box Cars*



prototype photo

Fully detailed models of the standard A. A. R. 40'-6" steel sheathed box car. A complete complement of parts, except trucks and couplers, covering each and every feature of the prototype. Substantial metal construction over a wood body frame for very easy assembly. **NO SOLDERING NECESSARY.** No finer models in any gauge...

PRELETTERED and PREPAINTED METAL SIDES in
TWO COLORS (Tuscan red and white) with
full RIVET DETAIL, DOOR OPENINGS, and
PUNCHED ASSEMBLY HOLES.
SLIDING EMBOSSED SIDE DOORS on CHANNELS.
EMBOSSED FORMED METAL ENDS with RIVETS.
EMBOSSED METAL ROOF WALK and PLATFORMS.
FORMED METAL LADDERS
FORMED METAL GRAB IRONS.

FORMED METAL CENTER SILL
CAST CROSS BEARERS
CAST COUPLER POCKETS
ALL BRAKE EQUIPMENT
EMBOSSED METAL RIBS
ESCUTCHEON PINS AND BRADS
WOOD UNDERBODY
DESTINATION BOARDS
'EXPLODED' DRAWING INSTRUCTION SHEET

KIT 4200 (less couplers and trucks) with PRELETTERED SIDES ... **\$3.95**
KIT 4201 (less couplers and trucks) UNPAINTED SIDES **\$3.50**

Note: These cars are available with sides for 28 different railroads as described in detail on catalog page M3. Refer to that page when making a selection. Sides for aluminum lightweight type cars and the multicolored N. Y. C. Pacemaker and B. & O. Sentinel will be offered in the near future. Watch for announcement of their release!

AUGUST 1949



SUPER SCALE MODELS CORPORATION

ADDRESS ALL MAIL TO: P.O. BOX 25 • GLENVIEW, ILLINOIS



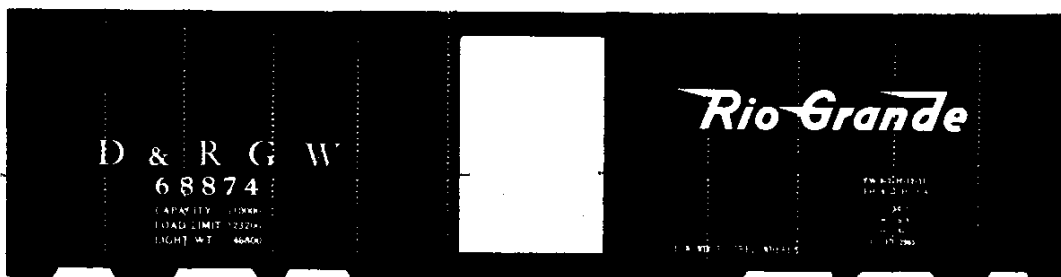
NIXON MODEL COMPANY
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Unless otherwise stated, both sides of cars **M3**
are similar.
Sides carrying heralds or slogans are noted
with wording in brackets.

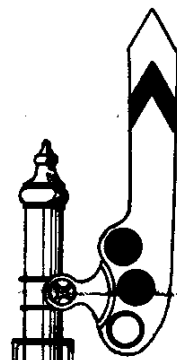
Sides FOR A.A.R. Standard 40'-6" STEEL SHEATHED Box Cars

MODEL DATA: Metal sides, correctly scaled for 40-6" cars. Embossed rivet detail, punched door opening and cut bottom profile as illustrated. Lettering proportioned and styled similar to prototype with small markings clearly readable. Sides are completely finished with Tuscan red background and white letters, in our new "PERMA-PROCESS" which is scratch resistant and which should not be confused with the inferior silk screen method of reproduction. Twenty eight great railroads to choose from, including all parts of the U. S. A. and Canada.



4100 A. C. L.
(Atlantic Coast Line)
4101 Great Northern
(See America First)
4102 C. and N.W.
(Route of the 400)
4103 D. and R. G. W.
(Rio Grande)
4104 Canadian National
(Serves all Canada)
4105 Pennsylvania
(PRR)
4106 N. Y. C. & St. L.
(Nickel Plate Road)
4107 N. H. (New York, New Haven
and Hartford)
4108 W. P.
(Western Pacific)
4109 Soo Line
(\$00 Line)
4110 Erie
(Erie)
4111 K. C. S.
(Southern Belle)
4112 Canadian Pacific
4113 Milwaukee
(Route of the Hiawathas)

4114 N. & W.
(Norfolk and Western)
4115 L. & N.
4116 New York Central
(New York Central System)
4117 S. P.
(Southern Pacific)
4118 N. P.
(Northern Pacific)
4119 A. T. S. F. (ship Santa Fe)
(Grand Canyon Line)
4120 S. S. W.
(Cotton Belt Route)
4121 Southern
(The Southern
serves the South)
4122 C. B. & Q.
(Way of the Zephyrs)
(Everywhere West)
4123 G. M. & O.
(Rebel Route)
4124 Seaboard R. R.
(Orange Blossom Special)
4125 C. & O.
(Chesapeake and Ohio)
4126 D. L. & W.
(Route of the Phoebe Snow)
4127 B. and O.
(Linking 13 Great States, etc.)



\$1.00
PER PAIR



AUGUST 1949

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A.A.R. Standard Box Cars

40'-6" STEEL SHEATHED

PARTS LIST

<u>PART NO.</u>	<u>QUANTITY</u>	<u>DESCRIPTION</u>
<u>(SECTION 4000B)</u>		
4000	2	Car end (corrugated metal)
4001	2	Car end (wood)
4002	1	Car roof (wood)
4003	2	Car sides (wood)
4004	1	Car floor (wood)
4005	2	Side door
4007	1	Roof walk
4009	11	Roof ribs
4010	1	Center sill
4011	2	Car sides (metal)
<u>(SECTION 4200A)</u>		
4006	4	Door slider
4008	2	Roof end platform
4016	4	Ladder
4017	1	Brake wheel (2 pieces)
4019	1	Brake platform (2 pieces)
4020	4	Destination board
4021	4	Roof walk support
4022	8	Grab iron
4023	2	Wire for roof hand holds and brake rod
4027	4	Car steps
<u>(SECTION 4200C)</u>		
4011	2	Underframe cross brace
4012	1	Brake cylinder
4013	1	Brake reservoir
4014	1	Brake valve
4015	2	Coupler pocket and body holster
4018	1	Brake housing
<u>(SECTION 4200D)</u>		
4024	25	#20 wire brads
4025	50	#24 escutcheon pins
4026	2	#4 steel wood screws
<u>(SPECIAL)</u>		
4028	1	**Paint
4029	1	**Paint

* * Not included in standard kits with regular R. R. colored sides, such as Tuscan red and aluminum.

**** Determined by sides selected. See catalog sheet #M3 for parts numbers.

NOTE: Due to varying preference, couplers and trucks have been omitted from these kits. See our catalog for a selection or use others of your choice.

A sincere effort has been made to bring you one of the finest car kits ever produced in any gauge. For best results, read the instruction procedure carefully. DO NOT HURRY construction. Allow sufficient time for each operation, particularly for cemented fastenings to dry.

1. WOOD BODY ASSEMBLY. Cement the wood body together, making sure parts are square with each other before allowing to dry.

2. SIDE DOOR OPENINGS. Place the metal sides against the wood body, aligning the bottom of the door cutout with the cemented joint between the wood side and floor. You will note that the top of the metal side sticks up over the wood side about 1/64". Mark the cutout on the wood side with a pencil and cut away this part of the wood side with a very sharp knife. This cutting will remove the side right down to the wood floor and will be about 1/16" below the top of the wood side.

3. ROOF ACCESSORY ASSEMBLY. Install the 11 metal roof ribs. Spacing for each rib should be taken from the full size roof plan, which may be used as a template. Before installation, each roof rib should be bent to the roof contour, the ends of each to be turned down and fastened in place with an escutcheon pin. Roof walk and roof end platforms should be fastened in place with cement or drill #66 holes for use of escutcheon pins.

4. UNDERFRAME AND UNDERFLOOR ACCESSORIES. Install center sill with escutcheon pins. Place cross braces in slots provided and fasten with escutcheon pins. Install coupler pockets and underframe brake equipment as shown in the small size drawing.

5. CAR ENDS (METAL). Place metal end against the wood body and notice the overlap at each side. It may be necessary to lightly sand the wood sides of the car to provide an overlap, on each side, the same thickness of the metal car sides, which slip under the metal ends. Cement ends in place, making sure overlap is equal on each car side. Install all equipment shown on the drawing for the car ends. Braking equipment is only used on one end of each car. Ladder, grab irons and destination board are duplicated on both ends. SEE NOTE ON FASTENING PARTS IN PLACE.

6. FIRST PAINTING OPERATION. Before proceeding further, we recommend that all parts which require painting including parts not yet assembled, be covered with at least two coats. Roof, ends and car sides are Tuscan red and the balance of the car (underframe and underside) is black. SEE NOTE ON CAR PAINTING.

7. METAL SIDE INSTALLATION. Spring each side lightly and slip under the previously fastened metal car ends. Top of the metal side will stick up slightly over the wood side. Fasten in place with escutcheon pins, angling each pin slightly away from the edge to avoid splitting of the wood. Attach door slider, doors, ladders and other hardware which still remains in the manner shown.

8. FINAL PAINTING OPERATION. This final step is the most important of all. Touch up the heads of all escutcheon pins in the metal sides and any other areas not previously covered or which have become worn from handling. Although this may be omitted, we recommend that a final overall coat of clear dull lacquer be SPRAYED over the entire finished car, to help withstand wear and tear and handling during operation.

HINTS ON FASTENING PARTS IN PLACE. There are three ways to fasten parts in place:

1. Cement (quick drying acetate or plastic)
2. Escutcheon pins through drilled holes.
3. Solder.

Method #1 is the least durable, #2 is very satisfactory and #3 is the best for durability if it can be handled by the modeler. (Do not attempt to solder to the pre-painted metal sides as heat will blister the lettering). Most parts in this kit have holes already drilled for escutcheon pins. Use the #2 method and if additional holes are required for undrilled parts, refer to the note on the drawing for handling of this operation.

CLEANING CAR BEFORE PAINTING. All metal parts must be cleaned before painting to allow the paint to obtain a firm bond. Refer to the paint manufacturers' specifications, usually shown on the paint container.

PAINTING RECOMMENDATIONS. We recommend Stewart Lundahl 410M Tuscan red as a matching color for the pre-painted car sides. Please note that due to variations in manufacture it is impossible to hold paint or printed color to the same absolute shade. In addition, surface light reflection (sheen) will distort color perception by the eye, even though the colors may match in shade. If a color variation is apparent, lighten or darken the paint from the container as follows: TO LIGHTEN, add a small amount (about a thimbleful) of 410M Caboose red to a full jar of Tuscan red or more as required. TO DARKEN, add a small amount of black, as required by experimentation.

DO NOT ALLOW LACQUER THINNER OR CAR PAINT TO SPLASH ON THE PREPAINTED SIDES, as the body chemical of those compounds are solvents for the metal lettered finish. If spotting does occur, allow area to dry and then touch up with 410M Tuscan red, using a very thin mixture and applying with light, quick brush strokes.