

GOLDEN ERA

DISTINCTIVE LIMITED RUN KITS BY WABASH VALLEY

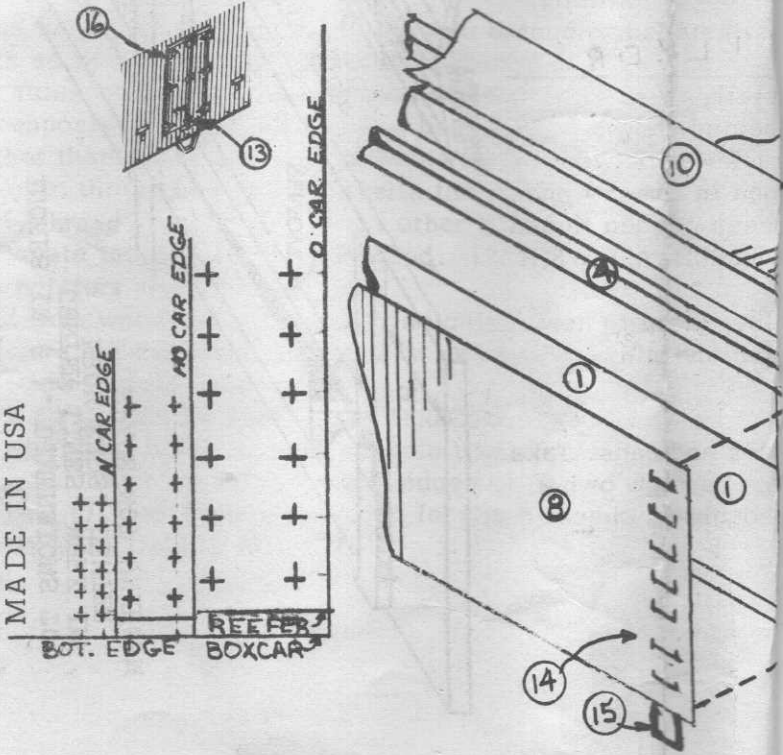
BOXCARS AND REFRIGERATOR CARS

STEP A: BASIC BODY SKELETON (Parts 1, 2, blocks (2&3) to floor (1) taking care that the end vertically. Next add identical beams 4 and 6 to Similarly add the larger beam (5) CAREFULLY CE

STEP B PREPARATION OF TRIM PARTS (13, 16, 14, 1 underbody detail): Carefully clean any flash parts in detergent water. Paint 14 grab irons (4 pieces), latch bars (#13, 2 pcs) to match the Fl must be spliced shorter. It should extend just except some reefers 6 pieces) black. Other tr

STEP C INSTALLATION OF GRAB IRONS (14). Use the piece of scrap styrene included with detail set of holes at the right end of each side. Drill irons cementing from rear and clipping off extra hinges, latch bars(15) dabbing a small amount of doors, doorslides (18 channel top and bottom OF have cement applied as reefer parts above: spike OUTSIDE BRACED CARS: PAINT BRACING AND I

STEAM AGE LIMITED RUN
MADE IN USA



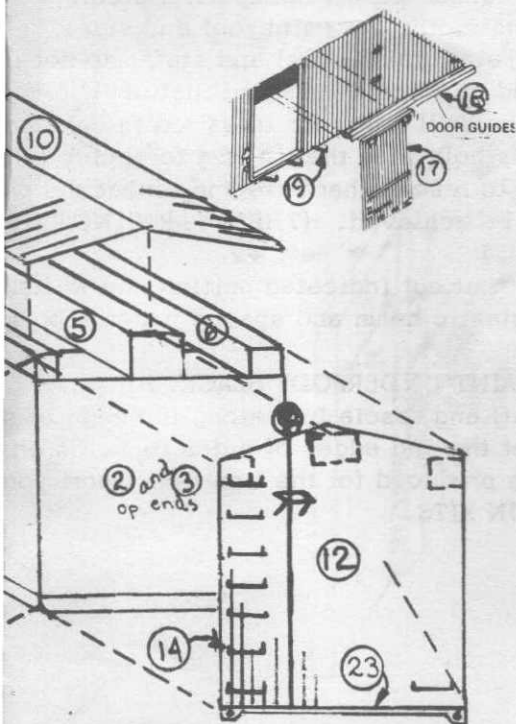
3, 4, 5, 6 are precut to size and packed with carsides): Attach ends
 are square and flush with end of floor. Grain of blocks 2&3 runs
 taking care that they are flush with sides and ends of blocks 2 & 3 .
 ENTERING IT. While the white glue dries:

5, 17 18 19) (Except 18 19 these parts packaged together with the
 from the castings Wash metal parts in laquer thinner and plastic
 #14), BOXCAR doors and slides(17, 18, 19); REEFER hinges (#16 8 or 12
 aquil painted sides. (NOTE: on some reefers the latch bar casting
 beyond top and bottom of door outline). Paint steps (#15, 4 pieces
 im parts may be cleaned at this time but will be painted later.

ing the templates on this page, drill appropriate sized holes in
 parts. This jig will allow more accurate drilling of a complete
 bottom two pairs at left end of each side. Install painted grab
 wire when dry. INSTALLATION OF SIDE DETAILS: reefers add(16)
 of cement to back of casting with toothpick. BOXCARS: install(17)
 18 channel top, 19 spikes at bottom as shown). Channel should
 es are installed at locations shown AFTER DRILLING PILOT HOLES.
 INSTALL AT THIS TIME. (See auxilliary diagram)

STEP D END SHEATHING (12, 2pc)
 Trim end sheathing as shown in
 construction isometric. Sheath
 is flush with bottom and edge of
 end block(2&3). While white glue
 dries

STEP E ROOF PANELS (10 & 11)
 trim the scribed wood or sheet
 styrene panels square and to
 overhang all edges 1/64" We
 suggest temporarily installing
 sides with rubber band spanning
 length of car for this step. Next
 cement roof panels in place(sides
 removed for this) with white glue
 for wood roof cars, modellers con-
 tact cement for styrene roof.



CUT SIDES,
 1-16 IN LONG
 THAN FLOOR

BASIC CARE
FOR DETAIL
INSTALLED
CHANCE OF

STEP F END DETAILS: Drill ends for grab irons as before. An undersized drill and force fit w cementing these in place. The bottom two pair are installed at right corner, full group at left to use the same wire part in building up brake plat form and supporting roof walk as shown. (d truss rod cars, install bolt head castings on end sill casting at appropriate location for ends end sill castings so that poling pocket extends below sheath (12). End sill casting part #24

STEP G ROOF DETAILS: On styrene roofed cars, add roof ribs (#20) spaced as shown. Ribs a Bevel the top edge of ribs carefully to seat the roof walk planks (21) (ROOF WALK PLANKS are identical stripwood pieces in boxcar kits, and are cut to length.

STEP G ROOF RIBS AND ROOF WALKS: (No ribs on wood roofed cars) (parts 20 & 21) On styre precut ribs spaced as shown. With a knife, carefully bevel top edges to seat roof walk plank precut to length. Only 3 of the stripwood pieces are used for this purpose. (O SCALE Plank fascia boards are 5/64" wide) (HO & N same size for both purposes).

STEP H ROOF DETAILS: Boxcars receive lateral roof walks built up of roof walk planking on (wood roof cars require these supports). Hand grab is bent of wire provided and installed as REEFERS:

is planked with roof walk planking and hand grab (23) is formed as with boxcar. Hatch cover toward end except ATSF and other cars so indicated on instructions. Paint roof and sides as well as the fascia board (matches sides OR roof). Paint brake wheel and staff, do not in

STEP J Underbody (TRUSS ROD): Queenposts are mounted on wood beams and installed from s After installing bolsters (flat in N rather than shape shown)drill holes for truss rod in car floor bolster and queenposts. Jamb the elastic thread into this hole with the tip of a toothpick (dip snap off the toothpick tip in hole. Lay thread on floor to reach other hole and repeat the pr is stretched to span queenposts, adequate tension will be achieved. (THESE PARTS, NOT NU OTHER DETAIL CASTINGS --including bolsters and beams.)

(STEEL CENTER SILL: Sill is fabricated from wood beam. Cut out indicated portion and white edge as shown in drawing. Cross bearers are cut from plastic beam and spaced under door ec between door edge and nearest axle. Now install bolster.

FINALLY INSTALL COMBINATION BRAKE CYLINDER AND PAINT UNDERBODY BLACK.

STEP K FINISHING THE CAR. ., install sides, brake staff and fascia trim along top edge of s special care to keep cement off of sides. Touch up paint the end edges of sides to match end truly distinctive limited run car. This kit was custom produced for the firm from whom you with them soon for more prestige STEAM AGE LIMITED RUN KITS.

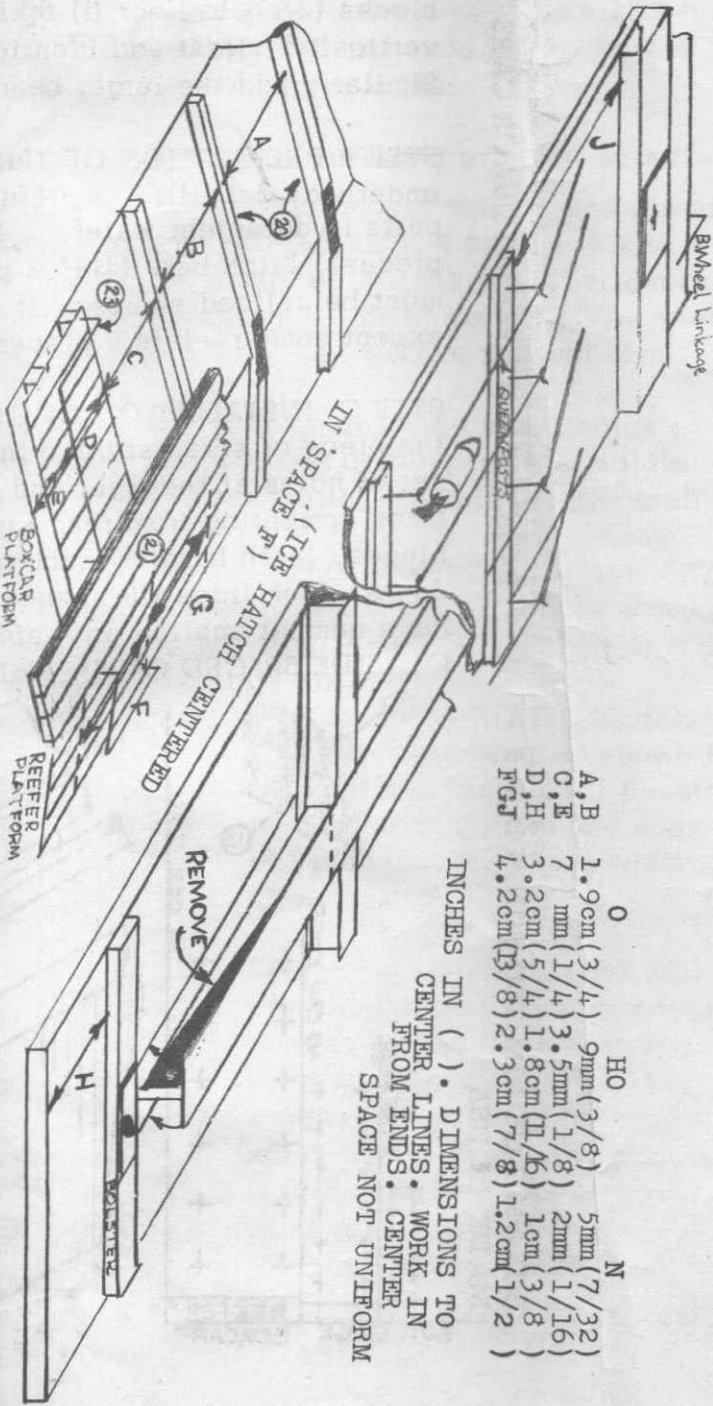
ODY IS NOW READY
 --THE SIDES ARE
 FAST TO AVOID ANY
 DAMAGE.
 eliminate need of
 corner. Also drill
 tail drawings). On
 f truss rods. Camer

precut to length.
 three of thefour
 e roofed cars, add
 ks (21). Planks are
 are 1/8" wide,

he end pair of ribs
 hown in detail view.
 Platform
 s, installed to open

INSTALLER
 stall.
 pacing shown.
 midway between
 ped in cement) and
 cess. When thread
 MBERED, ARE WITH
 ue flange to new
 ges and midway

des and ends. Take
 s. You now own a
 bought it, check



	O	HO	N
A, B	1.9cm (3/4)	9mm (3/8)	5mm (7/32)
C, E	7 mm (1/4)	3.5mm (1/8)	2mm (1/16)
D, H	3.2cm (5/4)	1.8cm (11/16)	1cm (3/8)
F, G, J	4.2cm (13/8)	2.3cm (7/8)	1.2cm (1/2)

INCHES IN () . DIMENSIONS TO
 CENTER LINES . WORK IN
 FROM ENDS . CENTER
 SPACE NOT UNIFORM