



BRASS CAR SIDES

Passenger Car Parts for the Streamliners

PULLMAN-STANDARD LIGHTWEIGHT SLEEPING CARS
PRR RAPIDS /N&W COUNTY/RF&P KING/L&N RIVER SERIES
PLAN 4140 LOT 6792 [Part No. 173-33]

In 1946, the Pennsylvania Railroad, the Norfolk & Western, The Richmond Fredricksburg & Potomac, and the Louisville and Nashville ordered a total of 27 lightweight sleeping cars for New York-Richmond-Norfolk overnight trains and through-car services on the L&N to Louisville, Nashville, and Memphis. These cars contained 10 roomettes and 6 double bedrooms and were built to Plan 4140 in Lot 6792 and were delivered in late 1948 through April, 1950. The N&W cars were identified as Class S2. Specific car names and numbers follow:

PRR 8317 *Octoraro Rapids* through 8332 *Will Rapids* (16 cars)
PRR 8343 *Juniata Rapids* and 8344 *Mackinaw Rapids* (2 cars)
N&W *McDowell County, Buchanan County, Sussex County*
RF&P *King George, King William, King and Queen*
L&N 3410 *Green River, 3411 Kentucky River, and 3412 Barren River*

Cars built to this plan differ in window numbers and arrangement from similar PRR PS 10-6 cars in the *Catawissa Rapids* series built to Plan 4129, and PRR ACF 10-6 cars in the *Huron Rapids* series built to Pullman Plan 9008. It is this latter prototype that is represented by the Rivarossi "1930 Sleeper 85FT" plastic model produced since the mid-1960s. The smoothside cars in Plan 4140 Lot 6792 also differ from other Plan 4140-4140B-4140C cars in various lots for FEC, SOU, PRR, L&N, ACL, SP and NP, which carried corrugated sides and/or minor window variations. The several references from RPC Publications are highly recommended to those interested in identifying and sorting out these variations.

BRASS CAR SIDES was able to bring these sides to modelers through the cooperation and support of officers and members of the N&W and PRR historical societies. N-scale sides for this prototype are also available as #173-533. The HO sides are designed to be used as overlays on the Rivarossi (not IHC) smoothside coach or sleepers, or with our Basic Body Kit #173-101 or Deluxe Body Kit #173-102.

REFERENCES

The Official Pullman-Standard Library Vols. 4 (PRR), 7 (L&N), 11 (N&W), by Randall et al. RPC Publications. Early Vols. out of print.
Streamliner Cars Vol. 1 Pullman-Standard by W. David Randall (RPC Pub., O.P.)
PRR Color Guide to Freight and Passenger Equipment, Sweetland & Yanosey (M.Sun)
Pennsylvania RR Passenger Car Lettering PRR Historical & Technical Society
Louisville & Nashville Passenger Trains by Castner, Chapman & Dorin. (TLC Pub.)
A Century of Pullman Cars Vol. 1 by Ralph L. Barger (Greenberg Pub. Inc.)
Car Names, Numbers and Consists by Robert Wayner (Out of Print)
More Classic Trains by Art Dubin pp. 158-9 (Kalmbach Out of Print)
Pullman Paint and Lettering Notebook, Arthur Dubin (Kalmbach, 1997)
The Best of Mainline Modeler's Passenger Cars Vol. 1, Phoenix Pub. (For trucks)
Model Review by Jim Nichols in the N&W Historical Society Newsletter, Vol. 6, No. 1, January-February, 1990. Underbody diagram.
Refer to General Information Sheet for list of modeling articles using our sides.

DESCRIPTION AND CONSTRUCTION TECHNIQUES

These HO parts are etched from .010" full-hard brass sheets and have etched door and surface outlines, as well as grabiron holes. They have been produced with the short center skirts that were characteristic of these postwar cars.

OVERLAY METHOD. In the overlay method, plastic surface features and window piers are trimmed with motor tool, knife and/or saw and the brass sides applied over the existing sides using thick ACC or (tacky-dry) Hobsco Goo. Center plastic skirts should be removed, but end skirts retained. The windows are reglazed immediately behind the openings in the brass, presenting a nearly flush appearance. Underbody details may be added or deleted, although those already present provide a realistic appearance.

BASIC/DELUXE BODY KITS. Both body kits consist of milled basswood roof, cast ends (pewter or brass), and floor (basswood or clad pc board), wood centersill (No. 101 only). Instructions for using the Body Kits are enclosed with those kits. This method is economical and allows for easy placement of underbody and roof details and a more faithful rendition of these cars when more accurate detail parts are chosen and applied. This method also leads to increased weight in the superstructure and a lower center of gravity.

DETAIL PARTS: We call your attention to the following parts which may be of interest in using either construction method. Please refer to the Walthers HO Catalog and individual manufacturers' catalogs for illustrations and prices. Eastern Car Works, Precision Scale, American Ltd. Models, Train Station Products, Bills' Narrow Gauge Shops, Great Western Passenger Car Details, Cal-Scale, Custom Finishing, and Century Foundry produce a variety of passenger car detail parts.

Trucks (Central Valley 139 & 140, as available; MDC 2935, Con-Cor, Train Station Products), Pullman-Standard Detail Parts Kits (Custom Finishing Nos. 292 & 293), roof vents (Bill's Narrow Gauge Shops), underbody detail parts kit (Train Station Products No. 460, Great Western Passenger Car details kits), axle generator (Cal-Scale GE-353), grabirons (Detail Associates 6601-6603), diaphragms (Walthers or Con-Cor for rubber type, American Models Ltd. for detailed plastic)

DECALS: Because these cars remained in service for so many years, they appeared in several paint and lettering schemes during their lifetimes. The modeler should work from photographs and refer to the references and decal manufacturers' catalogs. Modelers are likely to be adding these cars to existing consists and will have their favorite paints and decals to match. Since the PRR-N&W-RF&P were not roads with which we had much first-hand contact, we are not in a position to give authoritative advice on decals and paints.

	<u>PRR</u>	<u>RF&P</u>	<u>N&W</u>	<u>L&N</u>
Champ	PH-153	PH-103	PH-7D	PH-61D
Walthers	77800		74800	61610
Microscale	87892		87391	

To receive our combined HO and N-scale catalog, reservation sheet, and current bulletin, please send a two-stamp SSAE to: **BRASS CAR SIDES**, 715 S. 7th St., St. Peter, MN 56082. Dealer terms are available. Address e-mail to dchenry@gac.edu. See our web pages at www.brasscarsides.com.

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