



BRASS CAR SIDES

Passenger Car Parts for the Streamliners

PULLMAN-STANDARD LIGHTWEIGHT SLEEPING CARS
 6-6-4 "American" Plan 4099 (Part No. 173-509)
 13 Bedroom "County" Plan 4071 (Part No. 173-521)

During 1938-42 Pullman-Standard designed and produced five widely-used lightweight sleeping car plans, which included the 4-4-2 "Imperial", 10-5 "Cascade", 18 roomette "City", 6-6-4 "American", and 13 bedroom "County" series. A summary of the operating roads, name series and quantities for the 6-6-4 Plan 4099 series follows:

Santa Fe - "Valley" (Blue-Whitewater)	26 cars
Union Pacific - "American" (Ace-Woodland)	42
Southern Pacific - "American" (Canyon-Rose) for Overland Route	11
Southern Pacific - "Golden" (Canyon-Valley) for Golden State	6
Chicago & North Western - "American" (Beauty-Skies)	7
Illinois Central - "Land O' Strawberries", etc.	12
Rock Island - "Golden" (Banner-Terrace)	7
Missouri Pacific - "River" (Arkansas, etc.)	4
Erie - "American" (Way, etc.)	4

A table for the 13 bedroom Plan 4071 owners follows:

<u>Plan</u>	<u>Railroad</u>	<u>Lot</u>	<u>Cars</u>	<u>Date</u>
4071A	PRR ["Allegheny County", etc.]	6541	4	4/38
4071A	NYC ["Westchester County", etc.]	6541	8	4/38
4071B	PRR ["Cambria County", etc.]	6572	4	7/39
4071B	NYC ["DeKalb County", etc.]	6572	6	7/39
4071C	NYC ["Ashtabula County", etc.]	6618	8	10/40
4071D	SP [300-307, later 9350-9357]	6643	8	3/41

Our N-scale sides for the 6-6-4 sleeper were redesigned in January 2002 to be used with the American Ltd. Models Nos. 8010 (gray) and 8020 (black) core kits. The 13-bedroom set was similarly retooled in May of 2006. Both sets had originally been sized to overlay the Con-Cor 85' coach or pullman bodies.

REFERENCES

The Official Pullman-Standard Library Vols. 1 (ATSF), 2 (NYC), 4 (PRR), 5 (SP), 8 (CRIP), 9 (C&NW), 12 (IC), 14 (UP), 15 (MP), 16 (Pool), by Randall et al. RPC Publications. Early volumes (1-7) are out of print.
Streamliner Cars Vol. 1 Pullman-Standard by W. David Randall (RPC Pub.)
Union Pacific's Challenger by Patrick D. Dorin (TLC, 2001)
Chicago & North Western Passenger Train Equipment by Pat Dorin (TLC, 2001)
Illinois Central Streamliners 1936-46 by Paul M. Somers. (TLC Pub., 1995)
Mainline Modeler issue of 8/95 (4071D) new drawings by George Trager.
Railroad Model Craftsman issues of 6/70 (4071), 8/67 (4068). Send large SAE for free photocopy, specifying issue(s) desired.
Pullman Paint and Lettering Notebook, by Art Dubin (Kalmbach, 1997)
A Century of Pullman Cars Vol. 1 by R. L. Barger (Greenberg) Lists & photos
The Best of Mainline Modeler's Passenger Cars Vol. 1, Phoenix Pub. (trucks)
 Recent Color Guides from Morning Sun for UP, CRIP, PRR and other roads.

RECOMMENDED CONSTRUCTION TECHNIQUES

These parts are etched from .008" spring brass sheets. Both pairs have been produced without center skirting, although integral battery boxes, patterned after the later deskirted versions, are included. The ALM core kits include detailed instructions, which this sheet supplements.

A slight curvature may be imparted to the brass end skirts by hand-forming the bottom of the sides over a curved surface, such as mailing tube, broomstick handle, or whatever gives the curvature that looks realistic to your eye. We do recommend that you leave the protective coating on the brass sides until you are ready to attach them. (See Krylon removal below.)

Microscope slide cover glass makes a fine window material, but clear styrene or acetate sheet stock is also good, and easier to work with. In any case, final assembly will have to wait the painting and finishing steps. Grabiron holes or rear "dimples" have been etched to permit easy drilling for those wishing to add them.

The Krylon coating is most easily removed with a paste-type paint stripper, although acetone, MEK or similar solvent may be used, with good ventilation. Do all of this prior to final assembly and painting. The sides will begin to oxidize as soon as they are stripped, although this is only a cosmetic effect. After any metal work to the sides has been completed, affix the sides with contact cement, such as Walthers G00. Follow the instructions about letting the coated surfaces become tacky before joining them. A degreaser, such as rubbing alcohol, should be used prior to priming and painting to remove hand oils. Be sure to dry the model thoroughly, since the alcohol contains water.

Microscale makes the following decals which may apply to these cars: SP (60-126), SP Golden State (60-122), SP Emblems (60-761), Rock Island (60-4104), UP (60-635), Pullman-Standard (60-371), Pennsylvania Names (60-893), and Santa Fe (60-832). Walthers appears to have no N-scale passenger car decals for roads that used these cars. We would appreciate receiving information about appropriate decals, and we will revise these sheets accordingly.

All of our catalog and modeling sheets and forms are available for downloading and printing at www.brasscarsides.com. To receive paper copies of our combined HO and N-scale catalog, reservation sheet, and current bulletin, please send a two-stamp SSAE to **BRASS CAR SIDES**, 715 South 7th St., Saint Peter, MN 56082-1435. Our telephone number is (507) 931-2784. Address e-mail to info@brasscarsides.com.

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