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## BRASS CAR SIDES

### *Passenger Car Parts for the Streamliners*

UP-C&NW-Wabash "Western" and "Blue" 12-4 ACF Sleeping Car [Part No. 173-69]

The post-war expansion and reequipping of Union Pacific's "City" streamliners created equipment pools of new lightweight cars. The sleeping car pool included the 12-roomette, 4-double bedroom sleepers which were regularly assigned to the *City of Portland* and *City of St. Louis*. The six Wabash "Blue" series cars were assigned to that road's overnight trains on the routes between St. Louis and Detroit, Chicago, and Kansas City. The 23 cars of this type were built by American Car & Foundry in 1949-50 to Pullman Plan 9004 and were originally owned and named as listed below. In 1965 UP commissioned Pullman-Standard to rebuild all of its cars plus one Wabash car to 11-bedroom "Sun" sleeping cars, Pullman Plan 6009.

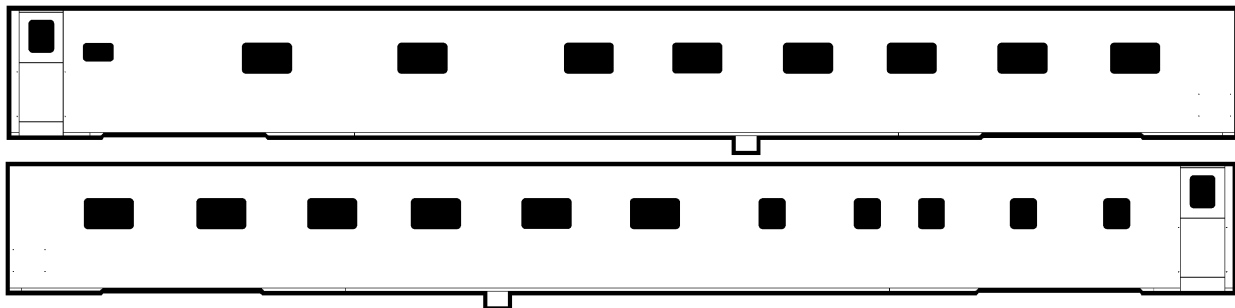
C&NW: "Western Frontier" and "Western Peak" (2 cars)

Wabash: "Western Sunset", "Western Lake", "Western View", and "Western Scene" (4 cars)

UP: "Western Adventure" through "Western Wonderland" (11 cars)

Wabash: "Blue Boy" through "Blue Skies" (6 cars)

Brass Car Sides is pleased to add both HO and N-scale versions of these cars to our catalog in response to reservations from our direct-mail customers. The brass sides feature the original short skirts, as illustrated below. They are etched from 0.010" spring brass sheets and have etched door and surface outlines as well as grabiron holes. The HO sides are sized to convert the Walthers *UP Streamliners* "Placid" series sleeping car bodies (932-9500) and may also be easily used with our #173-101 Basic Body Kit.



### References

The Union Pacific Streamliners by Ranks and Kratville, pp. 468-70 (Kratville Pub., 1974)

Passenger Cars 3 by Hal Carstens, pp. 242-43 for plans and photos (Carstens Pub., 2007)

Passenger Car Library Vol. 7 Southwestern Roads by Randall, pp. 29-33, 210-11 (RPC Pub., 2003)

Car Names, Numbers and Consists by Robert Wayner (Wayner, 1972, out of print)

UP Color Guide to Freight and Passenger Equipment Vol. 2 by Lou Schmitz p. 84 (Morning Sun)

## Construction Techniques

**Walthers Car Conversion Method:** These sides have been designed to be used as an overlay conversion to the Walthers "Placid" series sleeping cars, although other UP Streamliner car types also share the same length, general construction, and details. In the overlay method, plastic surface features and window piers are trimmed with a motor tool, knife and/or saw and the brass sides applied over the existing sides using contact cement, such as Walthers Goo (tacky dry). Clear acrylic or acetate sheet stock can be used to glaze the windows from the inside. Underbody details may be added or deleted, although those present provide a realistic appearance.

**Basic Body Kit Method:** This method is economical and allows for "clean slate" placement of underbody and roof details and a more faithful rendition of the ACF cars when more accurate detail parts are chosen and applied. The kit consists of milled basswood roof, floor and centersill and pewter cast ends. The instructions enclosed with the kit (and available online) cover all the basic steps for building the car body. The Trager plans in Hal Carstens' Vol. 3 book are helpful in showing some underbody equipment and some roof details.

**Detail Parts:** Please refer to the Walthers HO Catalog and manufacturers' listings for illustrations and prices. Train Station Products (TSP), Eastern Car Works (ECW), Precision Scale (PS), American Ltd. Models (ALM), Cal-Scale (CS), Great Western Passenger Car Details (GW), and Custom Finishing (CF) produce a variety of passenger car detail parts, some of which may be used to enhance models of this prototype. We regret that we do not have adequate information to provide more specific recommendations.

Trucks (Walthers 933-1072, Central Valley 139 & 140, as available used, MDC 2935); underbody parts (TSP #460 kit); Pullman-Standard detail parts kits (CF Nos. 292 & 293); axle generator (CS GE-353); grabirons (Detail Associates 6601-6603); diaphragms (Walthers or Con-Cor for rubber type, ALM or TSP for detailed plastic). Some may wish to add the two horizontal weld seams above and below the windows using .002" brass strip. (It was not possible to include this additional thickness in our etching process.)

**Paints:** Modelers are likely to be adding these cars to existing consists and will have their choices of paint already established. We prefer Scalecoat #22 Armour Yellow and #32 Harbor Mist Gray. Accu-flex has 1624 & 1625. Floquil offered #110166 and #110167, and in the Polly Scale line #414170 and #414176. Accupaint has #67 and #68.

**Decals:** UP (Champ PH-69 & S-89; Microscale 87-630, 87-635); Wabash Blue - No source found as of this revision date. We would appreciate hearing of possibilities.

To receive our combined HO and N-scale catalog, reservation sheet, and current bulletin, please send a SSAE with postage for two ounces to **BRASS CAR SIDES**, 715 S. 7th St., St. Peter, MN 56082. Address e-mail to [info@brasscarsides.com](mailto:info@brasscarsides.com). See our web pages at [www.brasscarsides.com](http://www.brasscarsides.com) for all published materials and more.

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