



RIVET COUNTER HO SCALE P-S BACKPACKER WELL CARS

Our **Rivet Counter™** brand strives to create the most accurately detailed model trains imaginable. The real-world counterpart is meticulously researched to ensure prototype fidelity. Each model features numerous factory applied parts including **railroad, road number, and era-specific™** details whenever possible.

In 1986, Pullman-Standard introduced the "Backpacker" well car, a 5-unit set with 40' wells designed to reduce tare weight by eliminating bulkheads and using Inter-Box

Connectors (IBCs) to secure containers in place. The car's low profile made it look similar to Gunderson's offerings, but shorter in height. The earliest production had limitations on container loading, but later versions had strengthened wells that could handle pairs of 20' containers in all units. The sets handle 40', 45', or 48' containers in the top position, with staggered 53' containers possible. Currently, most TTX Backpackers are in service and are useful for handling 20' and 40' international container traffic.

ROADNAME AND ROAD NUMBER SPECIFIC SCALETRAINS

- All New Model
- First time in HO scale
- All-new model
- Articulated 5-unit well car built by Pullman-Standard (P-S), later Trinity (TRN)
- Capable of carrying 1 x 40' or 2 x 20' containers per well, with up to 48' long container in top position per well (53' containers possible in top position, staggered in every other well)
- All-metal Type "E" lower-shelf couplers
- Barber S-2 Roller-bearing 70-ton trucks with .33" .110" tread metal wheels at ends, and Barber S-2 100-ton trucks with .36" .110" tread metal wheels at articulation points, featuring rotating bearing caps
- Multi-piece brake plumbing and rigging detail
- Photoetched see-through stainless-steel walkways
- Wireform grab irons on side and end sills
- Rugged Celcon corner uprights and vertical grabs
- Detailed floors and well interior sidewalls
- Separate Inter-Box Connector (IBC) details included for loading in IBC holder boxes on car deck
- Diecast bodies for optimum weight and performance
- Minimum Radius: 22", recommended radius 26"
- Fully assembled (with some exceptions)
- Color matched to Tru-Color paint colors when possible
- Photo-etched stainless steel see-through end crossover platforms
- Printing and lettering legible under magnification
- Accurately profiled .110" wide wheel tread
- Coupler cut levers
- Trainline hoses
- Intricate brake plumbing
- Weighted to Industry standards
- Operates on Code 70, 83 and 100 rail
- Packaging safely stores model

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Toll-Free 844-9TRAIN5 • International 423-299-3689

WARNING: This product may contain a chemical known to the State of California to cause cancer or birth defects or other reproductive harm.
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SXT81624

End Well Right Side Grab Iron
(Part of SXT81615)
Brake Corner Stanchion
(Part of SXT81615)
Brake Stand Grab Iron
(Part of SXT81615)

Brakewheel
(Part of SXT81621)
Brake Stand
(Part of SXT81621)

Brake Wheel
(Part of SXT81621)

Brake Wheel
(Part of SXT81621)

B Unit Brake Chain Linkage End
(Part of SXT81621)
B Well Trainline Pipe Bottom
(Part of SXT81614)

B - End Platform
(Part of SXT81614)

Brake Stand
(Part of SXT81621)

Intermediate Stanchion - Right
(Part of SXT81621)
Intermediate Stanchion - Left
(Part of SXT81621)

Intermediate Cross Platform
(Part of SXT81614)

Intermediate Cross Platform
(Part of SXT81614)

Brake Chain Tensioner Rod Support
(Part of SXT81621)

Brake Chain Tensioner Rod Support
(Part of SXT81621)

Brake Chain Tensioner Wheel
(Part of SXT81621)

Brake Chain Tensioner Wheel
(Part of SXT81621)

Body - B Well
SXT81608

Body - B Well
(Part of SXT81608)

Load Guide
(Part of SXT81621)

Load Guide
(Part of SXT81621)

Short Intermediate Platform
(Part of SXT81614)

Short Intermediate Platform
(Part of SXT81614)

Medium Intermediate Platform A
(Part of SXT81614)

Medium Intermediate Platform A
(Part of SXT81614)

Roping Eye Left
(Part of SXT81616)
End Well Side Trainline Pipe Left Intermediate
(Part of SXT81621)

Roping Eye Left
(Part of SXT81616)

End Well Side Trainline Pipe Left
(Part of SXT81615)

End Well Side Trainline Pipe Left
(Part of SXT81615)

End Well Branch Pipe
(Part of SXT81615)
End Well Retainer Valve Pipe
(Part of SXT81615)

End Well Branch Pipe
(Part of SXT81615)

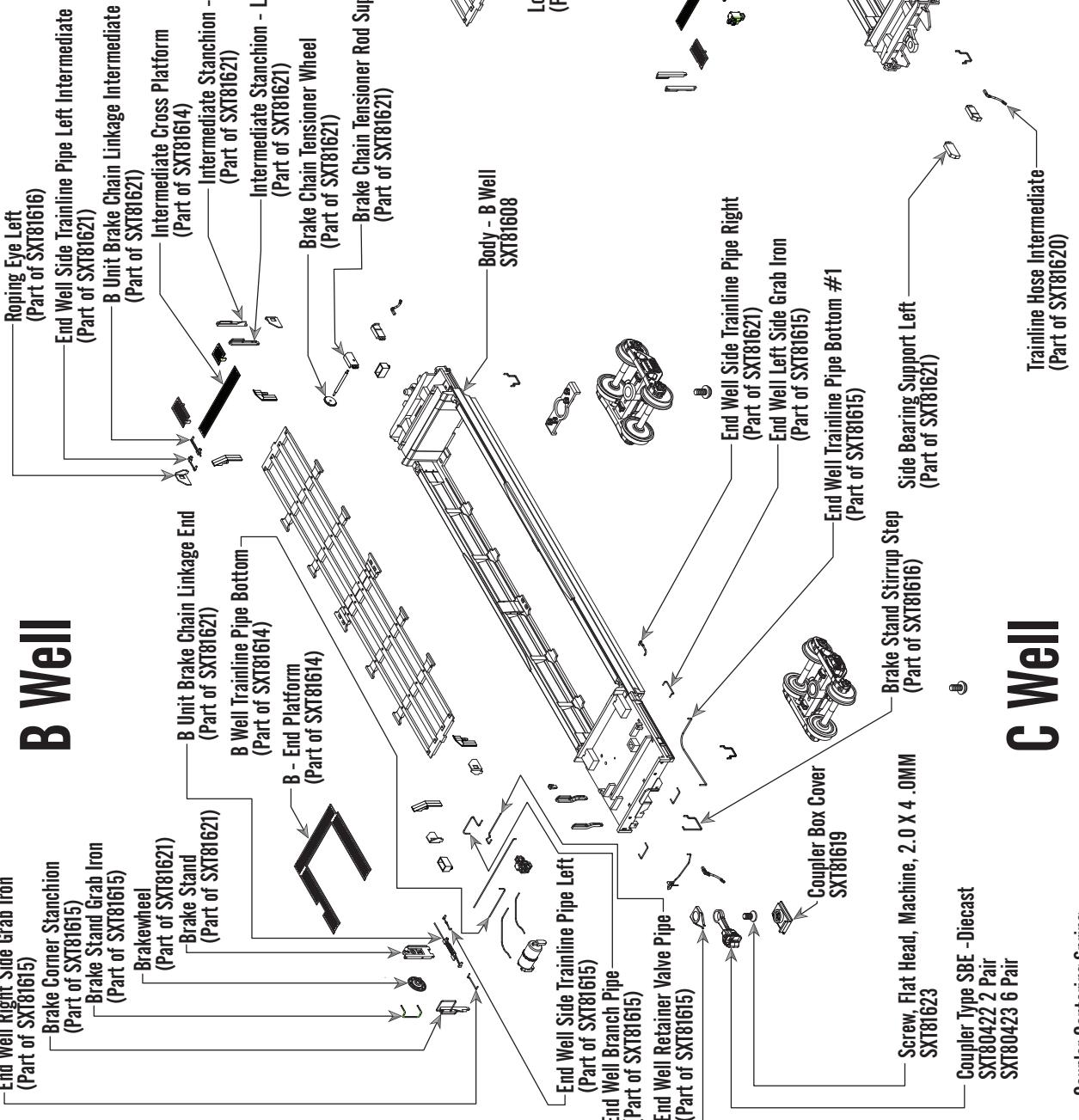
End Well Branch Pipe
(Part of SXT81615)

B Well

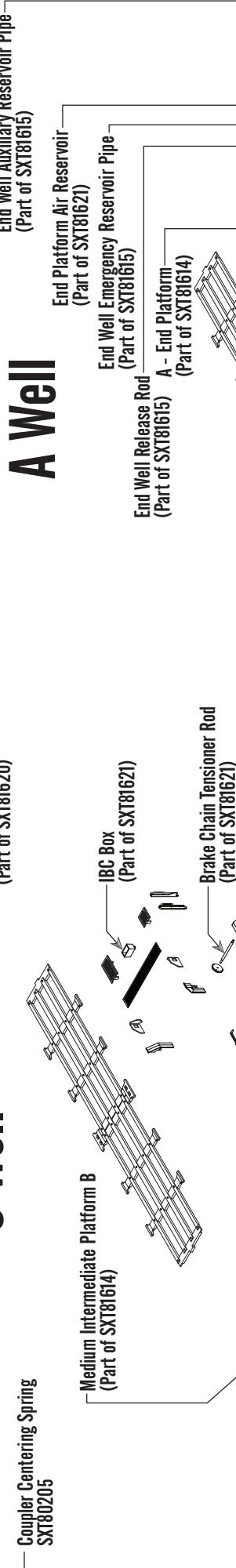
What's in the bag?

In the clear polybag with the model we have included several model interbox connectors (IBCs). On the prototype these are used to secure the top and bottom containers together for travel. When not in use they would be stored in the BC box on each car. On our model these are a non-functioning detail parts that the modeler can place in the IBC boxes when running the car empty, if desired.

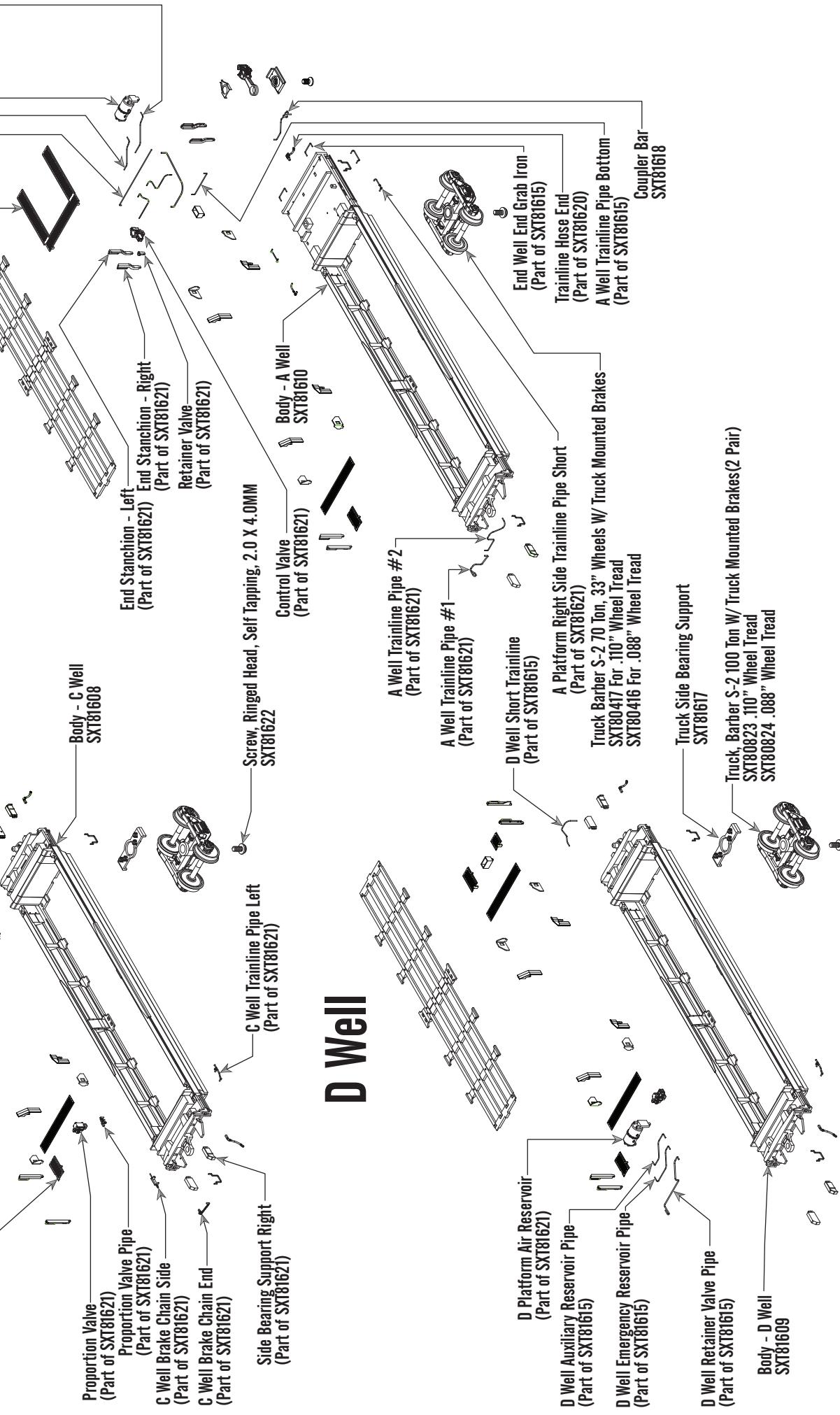
E Well



C Well



A Well



D Well

Assembly Notes For Optional Parts

Out of the box the backpacker will operate on a 22" radius. To accomplish this we did not install three parts on both the B and C wells. For those that have the ability to run on larger radiiuses, 26" and above, these parts can easily be installed, if desired. The three pieces in question are the brake chain tensioner wheel, brake chain tensioner rod and the brake chain tensioner rod support. From the factory the brake chain tensioner wheel is already installed on the brake chain tensioner rod. To install these parts you will need a pair of tweezers and some canopy glue or some white glue and a small screwdriver or piece of wire to apply the glue. We recommend using these glues as they take time to set up and this give time to position the parts. Also possible some small drill bits to clean the mounting holes for the rod. Also we suggest that you test fit the parts before gluing.

To start refer to the exploded drawing above to see the location of these parts relative to the car body. Note that the end of the rod with the wheel goes towards the outside edge of the car. Insert the rod end into the corresponding hole in the car then position the rod support partially into its mounting hole and then inserts the other end of the rod into the hole in the support while fully inserting the support into its mounting hole. Allow sufficient time for the glue to dry and you are done.

RIVET COUNTER HO SCALE P-S BACKPACKER WELL CARS PARTS LIST

SXT81608 Body - B Well
SXT81609 Body - D Well
SXT81610 Body - A Well
SXT81611 Body - E Well
SXT81612 Body - C Well
SXT81613 Well Floor
SXT81614 Platform Set
SXT81615 Wire Form Set
SXT81616 Photoetched Parts Set
SXT81617 Truck Side Bearing Support

SXT81618 Coupler Bar
SXT81619 Coupler Box Cover
SXT81620 Trainline Hose Set
SXT81621 Body Detail Set
SXT80824 100-Ton Truck, Barber S-2 - Truck-Mounted Brakes .110" Tread (2 Pair)
STX80416 70-Ton Truck, Barber S-2 - Truck-Mounted Brakes .110" Tread (2 Pair)
SXT81622 Screw, Ringed Head, Self Tapping, 2.0 X 4.0MM
SXT80623 Screw, Flat Head, Machine, 2.0 X 4.0MM
SXT80624 Manual for PS-Trinity Backpacker

For a list of parts included in each parts set, see the exploded view.

ADDITIONAL PARTS AVAILABLE

SXT80201 Type E Lower Shelf Coupler - Die Cast 2 pr.
SXT80202 Type E Lower Shelf Coupler - Die Cast 6 pr.
SXT80205 Coupler Center Spring
SXT80206 Coupler Knuckle Spring

SXT80824 100-Ton Truck, Barber S-2 - Truck-Mounted Brakes .088" Tread (2 Pair)
SXT80417 70-Ton Truck, Barber S-2 - Truck-Mounted Brakes .088" Tread (2 Pair)
SXT80209 Rivet Counter Wheelset 33" .088" Tread - 8 Pack
SXT80211 Rivet Counter Wheelset 36" .088" Tread - 8 Pack



PRODUCT SUPPORT

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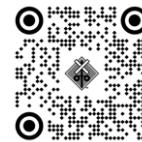
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ScaleTrains warrants products purchased from an authorized Select Retailer to be free from defects in material and workmanship for a period of one (1) year from the date of purchase. The warranty period can be extended to two (2) years by registering the product within 30 days of purchase on our website at www.ScaleTrains.com/warranty. Be sure to retain the receipt as proof of purchase as it may be required in the event your model requires warranty service by our Service Center.

If the product fails during the limited warranty period, carefully pack the model in the original packaging. Be sure to include an explanation of the issue(s) along with your name, address, phone and email. If the product(s) were purchased from a Select Retailer, include a legible copy of the sales receipt.

Ship item(s) for repair to our Service Center at...

ScaleTrains Service Center
4901 Old Tasso Road NE
Cleveland, TN 37312

We recommend using a trackable shipping service. Shipping damage incurred on the way to our service center and costs associated with shipping are not covered under warranty.

Damages due to improperly storing, handling, or packaging are not covered under warranty.

If ScaleTrains.com deems the product to be defective, we will either (1) repair (2) replace the item, or (3) offer a store credit redeemable at ScaleTrains.com toward a future purchase. This determination is at the sole discretion of ScaleTrains.

ScaleTrains has the final decision on all warranty matters. The warranty policy is subject to change without notice.