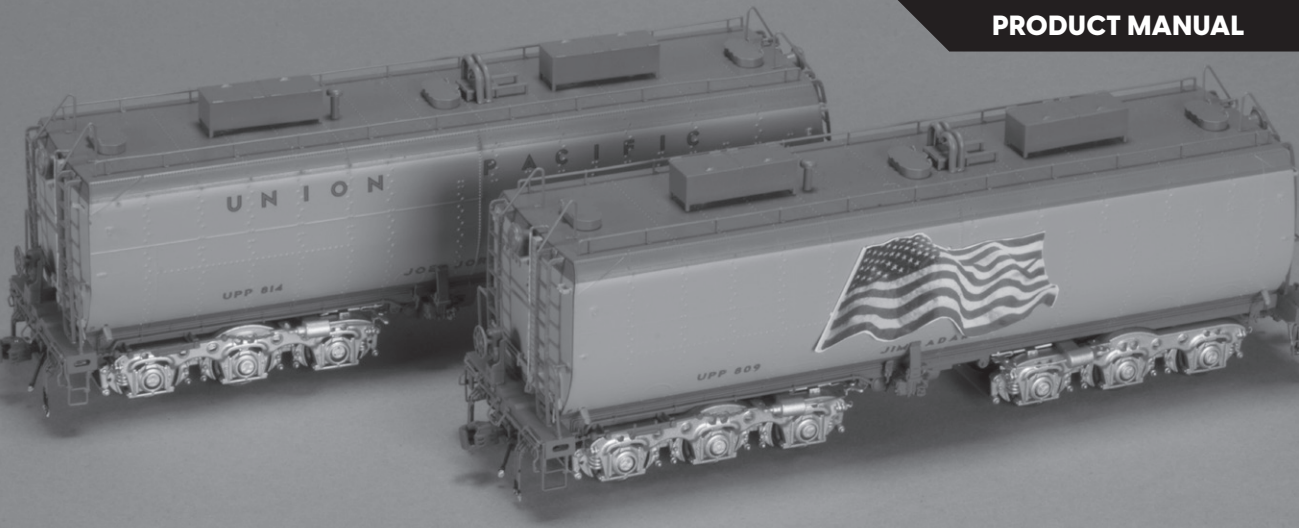




RIVET COUNTER HO SCALE UP LATE STEAM EXCURSION WATER TENDER SET

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.

UPP 809 and UPP 814 were initially built as tenders for Union Pacific 800-series 4-8-4 steam locomotives in 1937. However, they have undergone various significant modifications since then. After serving as fuel tenders for the GTEL 8500 Horsepower "Big Blow" Turbines in the 1960s and fuel storage tanks in the 1970s, they entered water service for the Heritage steam fleet in 1989.

These tenders, known as "Jim Adams" UPP #809 and "Joe Jordan" UPP #814, have been extensively modified since their Turbine Fuel Tender careers. These changes include the removal of outer jacketing and insulation that were added when they were modified for GTEL tender service, removal of fuel oil heaters, and squaring-off of top corners to increase their water carrying capacity.

UPP 814 underwent rebuilding in July 2006, followed by UPP 809 in August 2008. The two tenders are frequently operated together and can be seen behind various locomotives, including UP FEF-3 #844, Challenger #3985, and Big Boy #4014.

ROADNAME AND ROAD NUMBER SPECIFIC SCALETRAINS

- **All new model**
- **809 American flag printed on separate photo-etched metal placard**
- **Roof equipment boxes and water plumbing details**
- **Different weld seam locations and riveted end access plates for each tender**
- **Commonwealth 3-axle trucks with rotating bearing caps**
- **24,000-gallon capacity**
- **Non-insulated**
- **Intricate electrical and water plumbing**
- **Brake beam**
- **Handbrake housing with finely detailed wheel and chain**
- **Underbody brake details and plumbing**
- **Durable body-mounted metal semi-scale Type E knuckle couplers**
- **36" Machined metal wheels**
- **Directional lighting**
- **Truck chains available separately - requires 22" radius curve**
- **Minimum radius 18"**
- **Fully assembled**
- **Color matched to Tru-Color paint colors**
- **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**

ScaleTrains • 4901 Old Tasso Rd NE, Cleveland, TN 37312 • www.ScaleTrains.com
Toll-Free 844-9TRAINS • 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.
© 2023 ScaleTrains.com, Inc., ScaleTrains, Rivet Counter and respective logos and slogans are trademarks of ScaleTrains.com, Inc.



SXT80235

Set Includes
 Body, UPP 809
 Body End Cover, Front
 Body End Cover, Rear
 Tender Bottom Cover (2)
 Tank Access Cover, Front
 Tank Access Cover Rear, UPP 809

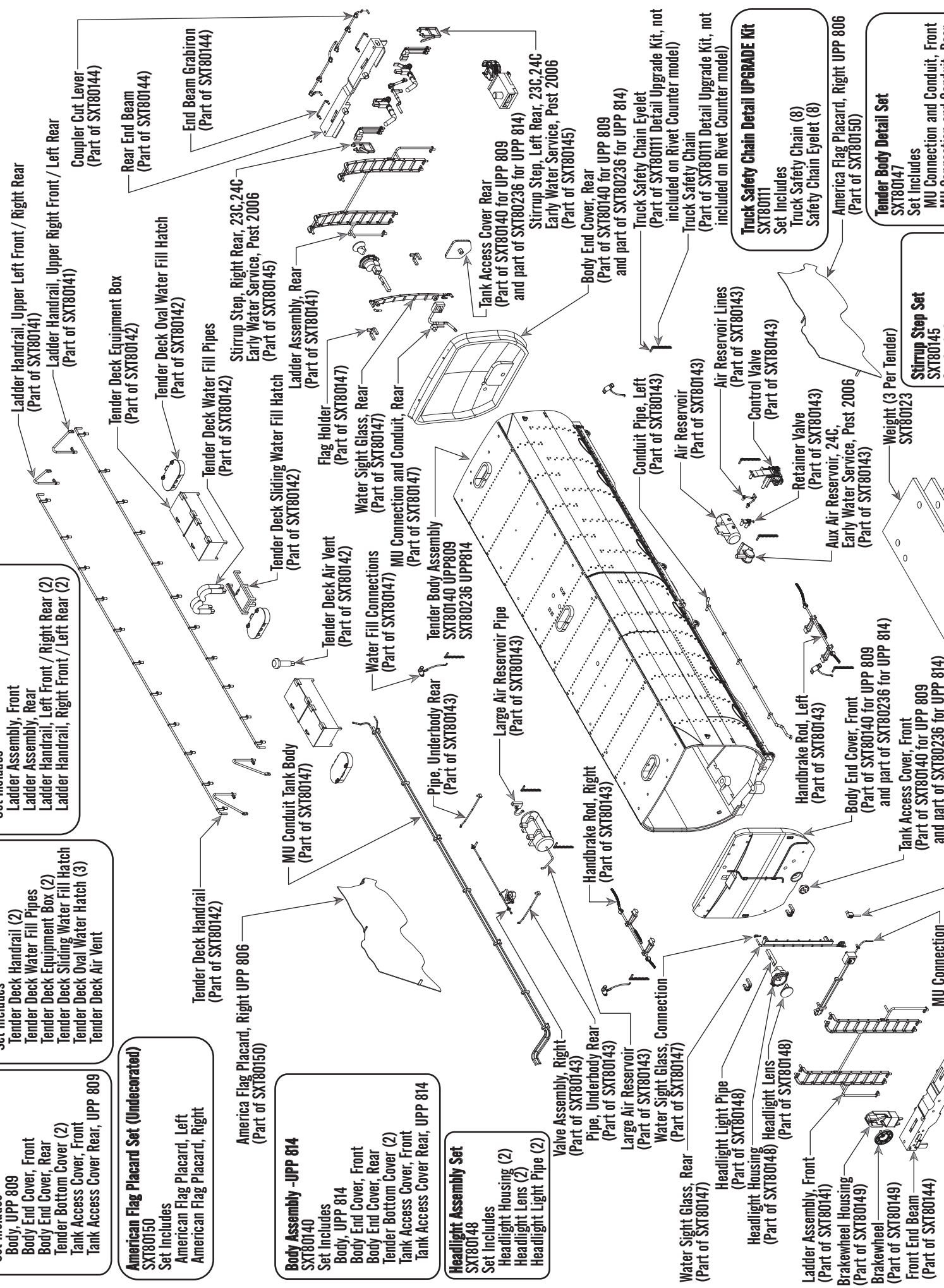
Set Includes
 Tender Deck Handrail (2)
 Tender Deck Water Fill Pipes
 Tender Deck Equipment Box (2)
 Tender Deck Sliding Water Fill Hatch
 Tender Deck Oval Water Hatch (3)
 Tender Deck Air Vent

Set Includes
Ladder Assembly, Front
Ladder Assembly, Rear
Ladder Handrail, Left Front / Right Rear (2)
Ladder Handrail, Right Front / Left Rear (2)

Set Includes
American Flag Placard, Left
American Flag Placard, Right

Set Includes
 Body, UPP 814
 Body End Cover, Front
 Body End Cover, Rear
 Tender Bottom Cover (2)
 Tank Access Cover, Front
 Tank Access Cover Rear, UPP 814

Set Includes
 Headlight Housing (2)
 Headlight Lens (2)
 Headlight Light Ring (2)



RIVET COUNTER HO SCALE UP LATE STEAM EXCURSION WATER TENDER SET PARTS LIST

SXT80235 Instruction Sheet - Download for FREE from our Website
SXT80140 Body Assembly - UPP 809
SXT80236 Body Assembly - UPP 814
SXT80123 Tender Weight
SXT80137 Commonwealth Tender Truck with Electrical Pickup and Rotating Bearing Caps
SXT80138 Tender Truck Wheelset for Rotating Bearing Cap Trucks
SXT80141 Tender Ladder Set
SXT80142 Tender Deck Detail Set
SXT80143 Tender Underbody Detail Set
SXT80144 End Beam Set
SXT80145 Stirrup Step Set
SXT80146 Multiple Unit / Trainline Hose Set
SXT80147 Tender Body Detail Set

SXT80148 Headlight Assembly
SXT80149 End Beam Detail Set
SXT80150 American Flag Placard Set - Unpainted
SXT80117 Tender Light Circuit Board, Rear
SXT80237 Tender Light, Front
SXT80118 Tender Bottom Cover Screw, Ringed Head, 1.6MM X 3.0MM
SXT80119 Weight Screw, Round Head, 2.0MM X 5.0MM
SXT80120 Truck Bolster Screw, Round Head, 1.6MM X 3.0MM
SXT80121 Coupler Screw, Flat Head, 2.0MM X 6.0MM
SXT80201 Type E Coupler, Die-Cast 2 Pair
SXT80202 Type E Coupler, Die-Cast 6 Pair
SXT80205 Coupler Centering Spring
SXT80206 Coupler Knuckle Spring

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

ADDITIONAL PARTS AVAILABLE

SXT80111 Tender Truck Safety Chain Set

The installation of the truck safety chains requires modeling skills. In addition, the use of truck safety chains increases the minimum radius to 22 inches.



PRODUCT SUPPORT

U.S. 844-9TRAINS; 844-987-2467 Ext. 2
International 423-299-3689
Support@ScaleTrains.com



ScaleTrains

4901 Old Tasso Rd NE,
Cleveland, TN 37312 USA



www.ScaleTrains.com

SIGNUP FOR OUR WEEKLY NEWSLETTER

www.ScaleTrains.com/newsletter



FOLLOW SCALETRAINS



WARRANTY POLICY

ScaleTrains.com, Inc. (ScaleTrains) warrants products purchased from our website to be free from defects in material and workmanship for a period of two (2) years from the date of purchase. Products purchased directly from ScaleTrains are automatically registered and a receipt is not required for proof of purchase.

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.