



AUXILIARY WATER TENDER OPERATING INSTRUCTIONS

Thank you for purchasing the MTH Electric Trains Auxiliary Water Tender. This die-cast replica of the water tender makes a perfect complement for any owner of a M.T.H. RailKing steam locomotive and includes a reverse light and Proto-Coupler® that can be operated from the appropriate steam locomotive. This tender operates on O-31 and larger curves.

CAUTION: This Auxiliary Tender can only be electrically connected to an MTH Steam engine equipped with ProtoSound 3.0 Electronics. Making an electrical connection to any other version will damage the components.

PLEASE READ BEFORE USE AND SAVE
www.mthtrains.com

CONFIGURING THE TENDER TO OPERATE WITH THE AUXILIARY WATER TENDER PROTO-COUPLER®

NOTE: Proto-Coupler and Reverse Light operation will only work on 2022-Future RailKing steam engine tenders equipped with pre-installed wire harnesses.

For the Auxiliary Water tender's Proto-Coupler and reverse light to function, it must be electrically connected to your Main Tender. To accomplish this, there is a pre-installed wire harness inside the Main Tender that will connect the two tenders together electrically.

1. First start by using a Phillips screwdriver to remove the 4 chassis screws securing the Main Tender's body to its chassis. Refer to Figure 1.



Figure 1. Location of Screws on Main Tender

2. Upon removing the tender body, identify the wire harness, which should be secured inside the chassis near the rear of the Main Tender. Refer to Figures 2 and 3 and follow how the wire harness is fed through the hole at the rear of the floor/chassis. Be sure not to bind or twist the harness during this process.

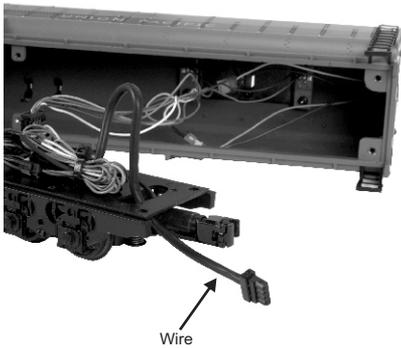


Figure 2. Coal Tender with Shell Removed

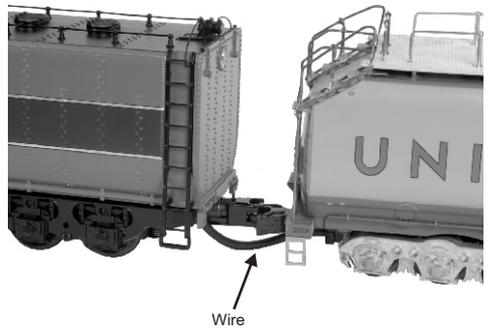


Figure 3. Wire set to connect the Auxiliary Tender

3. Reinstall the tender body with the six securing screws.

OPERATING THE AUXILIARY TENDER COUPLER AND BACKUP LIGHT

On the Main Tender floor, locate the COAL - AUX switch. Placing the COAL – AUX switch in the AUX position will allow the commands for firing the rear coupler on the Auxiliary Tender and not the Main Tender. Likewise, the backup light on the Auxiliary Tender will replace the operation of the backup light on the Main Tender. You are now ready to enjoy your new Auxiliary Water tender with your Steam Locomotive.

OIL & LUBRICATION INSTRUCTIONS

In order for the engine to perform correctly and quietly, it is important that the chassis be lubricated before operation. Lubrication should include all truck block bushings and pickup rollers to prevent them from squeaking. Use light household oil and follow the lubrication points marked “L” in Fig. 4 below.

Periodically, check the locomotive wheels and pickups for dirt buildup as this can significantly affect the engine’s ability to perform properly. Dirty track and dirty wheels can cause both poor electrical contact as well as poor traction, especially on elevated track sections.

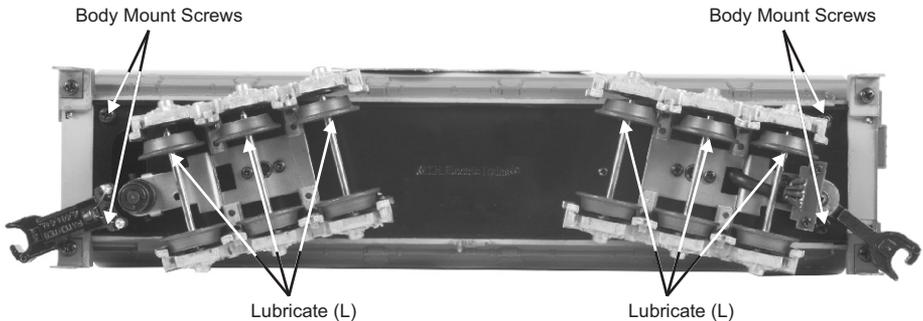


Figure 4. Auxiliary Tender lubrication points and body mount screws

HEADLIGHT REPLACEMENT

The Auxiliary Tender contains one LED type headlight controlled by the main tender with ProtoSound 3.0 electronic.

The PS 3.0 headlights and other associated lights are small LEDs that require a lot less power and generate a lot less heat than incandescent bulbs, resulting in extremely long life compared to the incandescent bulbs. The LEDs are not user serviceable

**You can obtain replacement parts from MTH Parts & Sales LLC.
Order online at www.mthpartsandsales.com.**

Service & Warranty Information

Limited One-Year Warranty

M.T.H. products purchased within one year from the date of manufacture are warranted against defects in material or workmanship, excluding wear items such as light bulbs, pick-up rollers, batteries, smoke unit wicks, and traction tires. M.T.H. Authorized Retailers will replace, refund, or credit the defective item if:

- The item was manufactured within the previous year
- It was purchased from M.T.H. directly by an M.T.H. Authorized Retailer or directly from an M.T.H. Distributor by an M.T.H. Authorized Retailer

IMPORTANT NOTE: This warranty does not cover damages caused by improper care, handling, or use. Transportation costs incurred by the customer are not covered under this warranty.

Purchases from eBay or other online auction or selling sites will NOT be covered under warranty unless the seller is an M.T.H. Authorized Retailer.

See our website at www.mthtrains.com to identify an M.T.H. Authorized Retailer near you.

This warranty gives you specific legal rights, and you may have other rights that vary from state to state. Specific questions regarding the warranty may be forwarded to M.T.H. directly.

M.T.H. Electric Trains
6660 Santa Barbara Road, Suite 20
Elkridge, MD 21075

How to Get Service Under the Terms of the Limited One-Year Warranty

This item carries a one-year warranty from the date of manufacture for the M.T.H. Authorized Retailer who sold the product. The defective item should be returned to the dealer where purchased.

If the dealer has trained service techs, they can offer to repair the item (M.T.H. will supply warranty parts as needed free of charge. If parts are not available a refund will be given to the dealer).

M.T.H. will no longer provide repair service on any products at its corporate headquarters.

If an item is defective and cannot be repaired, it needs to be returned to the original purchasing dealer and the end-user can obtain a refund from the retailer. The original purchasing dealer will then return the item to M.T.H. for credit.

Customers may want to request that their items are tested by the retailer prior to taking the item home. All items are tested by M.T.H. Electric Trains prior to shipment from our production facilities.