



N6b Operating Caboose

The Premier N6b Operating Caboose offers a new level of excitement and realism for your O Gauge model railroad. Constructed from sturdy ABS plastic, the N6b Operating Caboose was created from quality components and has been designed for years of operation.

This unique caboose includes an operating signal man who leans out the side of the rear caboose platform with a lighted lantern to signal the engineer. Activation occurs whenever the transformer bell button is pressed or when the car is resting on an operating track section. Read further for full instructions.

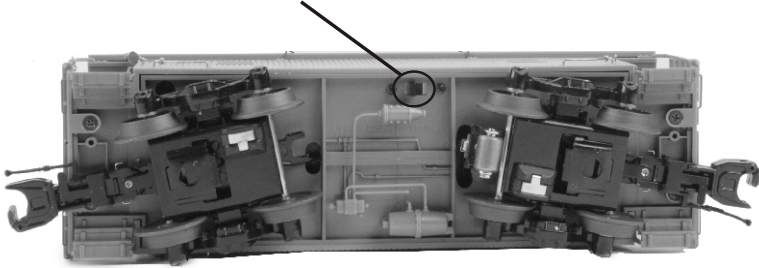
PLEASE READ BEFORE USE AND SAVE
www.mthtrains.com

INSTRUCTIONS

There are two ways to operate this caboose.

- 1) Auto allows you to operate the signalman with the bell button on any AC Transformer equipped with a bell button or DCS Remote.*
- 2) Operating Track System (OTS) allows you to activate the signalman using the unloading feature on your operating track sections.

Switch (Auto or OTS)



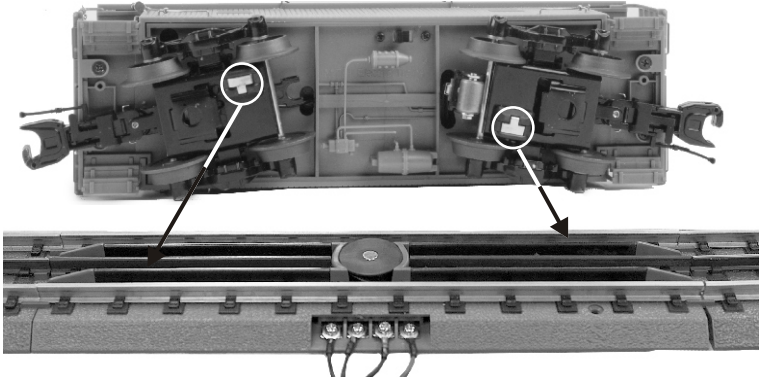
AUTO OPERATION

- 1) Move the switch on the bottom of the car to the Auto position and place the caboose on track.
- 2) Hold down the bell button on your transformer or your DCS* remote for 1-2 seconds
- 3) The caboose will automatically cycle. The signalman will swing out with a lantern, and then will go back to the rear of the caboose, ending the cycle.
- 4) Press the bell button again to begin another cycle.

* DCS operation is only possible on DCS Variable Tracks. There are 2 ways to activate the caboose in DCS mode.

1. The first is using the TIU Variable Channel, make sure the DCS signal is turned ON, reduce the voltage to 21 volts and then press and hold the bell button down for 3-5 seconds to activate the caboose signal man.
2. If the customer has the Remote Receiver connected to the Z4000 transformer running the TIU Fixed Channel, select the Z4K track and press the bell and hold the Bell button for 3-5 seconds to activate the caboose signal man. Refer to your DCS operating manual for instruction.

OTS OPERATION



First move the switch on the bottom of the car to the OTS Position.

When you are ready to operate the signalman caboose, make sure the entire car is on the Operating Track Section (OTS*), so that the car's slide shoe pick-ups are in contact with the fourth and fifth rails of the OTS.

The recommended voltage for the operation is 12-16 volts.

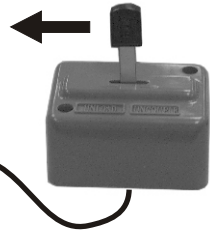
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* OTS sold separately

OTS OPERATION (CONT.)



Hold the OTS switch in the "Unload" position for 2 seconds (Refer to your OTS instruction sheet for complete directions in its use.) The caboose will automatically cycle. A signalman will come out with a lantern, then will go back to the rear of the caboose, ending the cycle. Press unloading switch again to begin another cycle.



CAUTION: ELECTRICALLY OPERATED PRODUCT:

Recommended for Ages 14 and up. Not recommended for children under 14 years of age without adult supervision. As with all electric products, precautions should be observed during handling and use to prevent electric shock.

WARNING: When using electrical products, basic safety precautions should be observed, including the following:

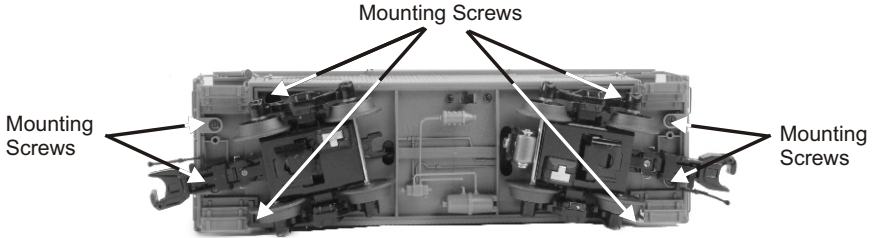
Read this manual thoroughly before using this device.

- M.T.H. recommends that all users and persons supervising use examine the hobby transformer and other electronic equipment periodically for conditions that may result in the risk of fire, electric shock, or injury to persons, such as damage to the primary cord, plug blades, housing, output jacks or other parts. In the event such conditions exist, the train set should not be used until properly repaired.
- Do not operate your layout unattended. Obstructed accessories or stalled trains may overheat, resulting in damage to your layout.
- This train set is intended for indoor use. Do not use if water is present. Serious injury or fatality may result.
- Do not operate the hobby transformer with damaged cord, plug, switches, buttons or case.

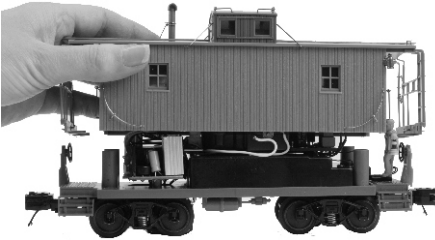
LIGHT BULB REPLACEMENT

To replace the interior light bulbs, follow these steps:

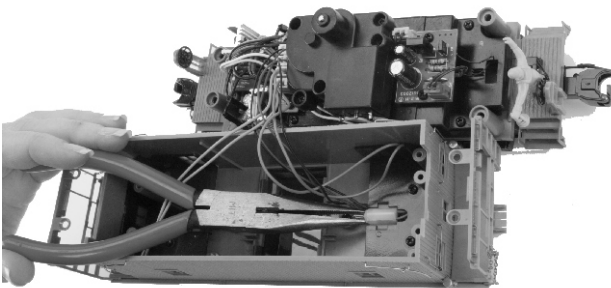
- 1) To remove the shell from the chassis, remove the four mounting screws located underneath the trucks & the four screws holding the end railings.



- 2) With the screws removed, carefully pull the end railings out and lower the chassis from the shell. Take care not to pull the wires out.



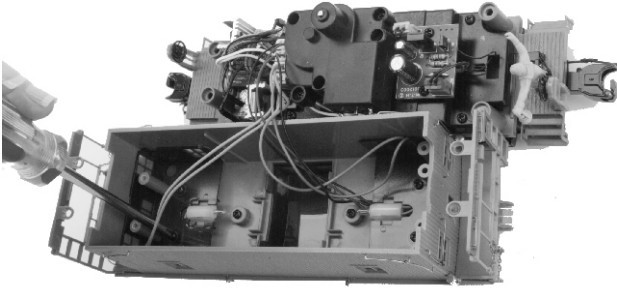
- 3) Replace the bulbs simply by pulling the bulb from its socket.



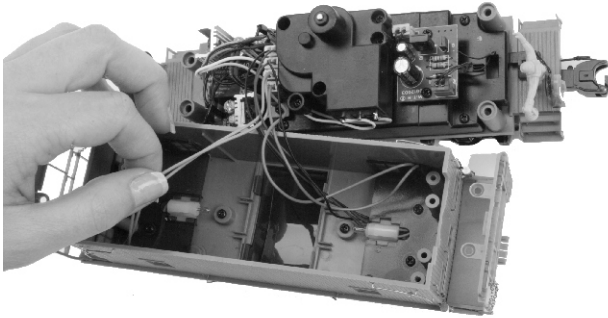
4) Reassemble in reverse order. Be very careful not to pinch any of the wires and make sure the wires are in the wire guides before assembling.

To replace the Marker Lights, follow steps 1 through 2 and then follow the steps below.

5) Remove the two screws that hold the window glass on the end w/ the marker lights



7) Pull the marker lights out of the lanterns and replace.



8) Reassemble in reverse order. Be very careful not to pinch any of the wires and make sure the wires are in the wire guides before assembling.

The LED in the Lantern has a very long life span. Should it fail contact the M.T.H. Parts Department or authorized Service Center.

You can obtain replacement bulbs directly from the M.T.H. Parts Department
(Order online: www.mth-railking.com, e-mail: parts@mth-railking.com, Fax: 410-423-0009,
Phone: 410-381-2500, Mail: 7020 Columbia Gateway Drive, Columbia MD 21046-1532,).

Service & Warranty Information

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

When you suspect an item is defective, please check the operator's manual for standard operation and troubleshooting techniques that may correct the problem. Additional information may be found on the M.T.H. Website. Should you still require service, follow the instructions below to obtain warranty service.

First, e-mail, write, call or fax M.T.H. Electric Trains or a M.T.H. Authorized Service Center (ASC) in your area to obtain Repair Authorization. You can find the list of ASCs on the M.T.H. Website, www.mth-railking.com. Authorized Service Centers are required to make warranty repairs on items sold *only* from that store; all other repairs may-- or may not be done at the store's own discretion. If you did not purchase the item directly from the ASC, you will need to select a National Authorized Service Center (NASC) or contact M.T.H. Electric Trains directly. NASC Dealers are compensated by M.T.H. to perform warranty service for any customer whose repair qualifies for warranty service. A list of NASC retailers can be located on the M.T.H. Website or by calling 410-381-2580. Should the warranty no longer apply, you may choose either an ASC or NASC retailer to service your M.T.H. Product. A reasonable service fee will be charged.

CAUTION: Make sure the product is packed in its original factory packaging including its foam and plastic wrapping material to prevent damage to the merchandise. There is no need to return the entire set if only one of the components is in need of repair *unless otherwise instructed by the Service Center*. **The shipment must be prepaid and we recommend that it be insured. A cover letter including your name, address, daytime phone number, e-mail address (if available), Return Authorization number (if required by the service center, a copy of your sales receipt and a full description of the problem must be included to facilitate the repairs. Please include the description regardless of whether you discussed the problem with a service technician when contacting the Service Center for your Return Authorization.**

Please make sure you have followed the instructions carefully before returning any merchandise for service. Authorized M.T.H. Service Centers are independently owned and operated and are not agents or representatives of M.T.H. Electric Trains. M.T.H. assumes no responsibility financial or otherwise, for material left in their possession, or work done, by privately owned M.T.H. Authorized Service Centers. If you need assistance at any time email MTH Service at service@mth-railking.com, or call 410 381-2580.

Limited One-Year Warranty

All M.T.H. products purchased from an Authorized M.T.H. Retailer are covered by this warranty. See our Website to identify an Authorized M.T.H. Retailer near you.

M.T.H. products are warranted for one year from the date of purchase against defects in material or workmanship, excluding wear items such as light bulbs, pick-up rollers, batteries, smoke unit wicks, and traction tires. We will replace or credit (at our option) any defective item with a manufactured suggested retail price of \$279.95 or less (excluding all motive power and electronic items), if the item is returned to an M.T.H. Authorized Service Center (ASC) or M.T.H. National Authorized Service Center (NASC) within one year of the original date of purchase. For any item with an MSRP greater than \$279.95 (including all motive power and electronics), We will repair, replace or credit (at our option) the defective item without charge for the parts or labor, if the item is returned to an M.T.H. Authorized Service Center (ASC) or M.T.H. National Authorized Service Center (NASC) within one year of the original date of purchase. This warranty does not cover damages caused by improper care, handling, or use. Transportation costs incurred by the customer to ship the product for warranty service are not covered under this warranty.

Items sent for repair must be accompanied by a return authorization number, a description of the problem, and a copy of the original sales receipt from an Authorized M.T.H. Retailer stating the date of purchase. If you are sending this product to an Authorized Service Center, contact that Center for their return authorization.

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.

Service Department
M.T.H. Electric Trains
7020 Columbia Gateway Drive
Columbia MD 21046-1532
410-381-2580
service@mth-railking.com