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No. 116  
Passenger Station  
OPERATOR'S MANUAL

PLEASE READ BEFORE USE AND SAVE

## Creating Insulated Track Block

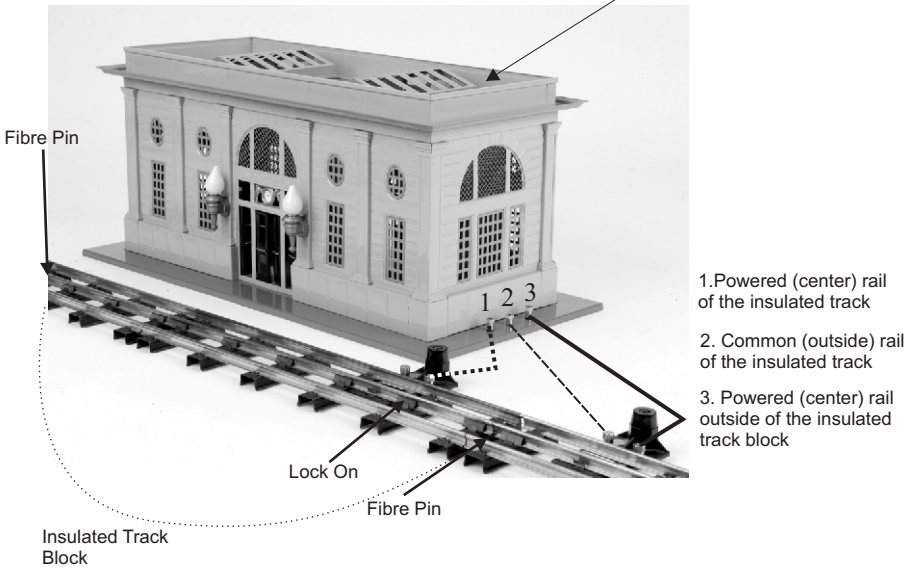
Remove the two steel pins from the center rail at both ends of a track section comprised of three track sections, and replace them with fibre pins. This will create an Insulated Track Block. (One way to remove the steel pins is by using diagonal cutting pliers, working the pins out in small movements and using the rail flanges for leverage.)

## Installing the Station

Installation of the No. 116 Passenger Station requires two Lock-Ons (not included.) Install one Lock-On to one of the three track sections inside the Insulated Track Block (above) and one Lock-On to the next track section outside the Insulated Track Block. Connect the Lock-Ons with the three binding posts on the No. 116 Passenger Station as shown below:

1. Train stops in front of station.
2. Train sits idle while timing switch is closing.
3. Train pulls away when circuit is closed.

Automatic Train Control Mechanism



## Operating the Station

Set the lever on the roof of the No. 116 Passenger Station to control whether or not the train automatically stops at the station, and the interval of time for which the train will stop.

To prevent the train from stopping at the station automatically, move the lever on the roof to “CONT” (Continuous.) To control the amount of time for which the train stops at the station, move the lever toward “FAST” to shorten the amount of time, or move the lever toward “SLOW” to lengthen the amount of time for which the train stops.

It may be necessary to allow the train to travel past the station several times to give the circuit time to adjust itself to one interval setting before moving the lever to change the interval setting again.

If the train is traveling too fast, it may bypass the station without coming to a complete stop. If this happens, reduce the speed of the train. If the train still bypasses the station, it may be necessary to lengthen the Insulated Track Block by inserting additional tubular track sections.

## Important

When operating the train with an Automatic Train Control System in the layout, the reversing E-Unit or ProtoSound 2.0 (PS-2) system of the locomotive must be locked in either forward or reverse. If the E-Unit or PS-2 system is not locked in a direction, the E-unit or PS-2 system will go into ‘neutral’ as the locomotive enters the Insulated Track Block and the train will not restart automatically.

## Lights

Interior and exterior lights will remain on as long as there is power to the No. 116 Passenger Station. You can obtain replacement bulbs directly from the M.T.H. Parts Department (Order online: [www.mth-railking.com](http://www.mth-railking.com), e-mail: [parts@mth-railking.com](mailto:parts@mth-railking.com), Fax: 410-423-0009, Phone: 410-381-2500, Mail: 7020 Columbia Gateway Drive, Columbia MD 21046-1532, ).

### **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.

This product may be protected by one or more of the following patents: 6,019,289; 6,280,278; 6,281,606; 6,291,263; 6,457,681; 6,491,263; 6,604,641; 6,619,594; 6,624,537; 6,655,640.

# 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 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](http://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). These centers 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](mailto: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 [www.mthtrains.com](http://www.mthtrains.com) to identify an 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 repair, replace, or credit (at our option) the defective part 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 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. Train Merchant**, which gives 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