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Lionel Street Lamps Owner's Manual

Thank You!

Thank you for your purchase of the Lionel Street Lamps! These lamps are perfect for illuminating the busy streets and sidewalks on your layout.

Mounting the lamps on your layout

You may choose to mount the lamps to your layout in two different ways. First, you may choose to press the post on the underside of the base into a hole with a diameter of 1/4". Create the holes in your layout using a 1/4" drill bit. Refer to figure 1.

Note! Only an adult should perform this task. Always get permission before using power tools and creating holes in the layout.

You may also choose to remove the underside of the base and set the street lamps on your layout.

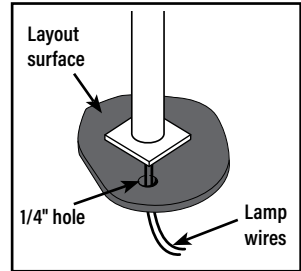


Figure 1. Mounting the lamp

Powering your Street Lamps

Power your Street Lamps with a FasTrack Accessory Power Wire (available separately, 6-12053) or a separate power supply. These connections are discussed below.

Caution! The ends of the wires must be stripped back 1/4" to 3/8". Use a pair of wire strippers or a sharp knife to strip the wires. Only an adult should perform this task! Always use care when stripping wires.

Note! The Street Lamps can be powered with AC or DC voltage. Never exceed 18 volts!

Vary the voltage to control the lamps. Increase the track/accessory voltage to make the lamps shine brighter; decrease the track/accessory voltage to dim the lamps. Keep in mind that the LEDs will last longer at lower voltages.

FasTrack Accessory Power Wire

To power the lamps through track power on a FasTrack layout, simply attach an Accessory Power Wire to the underside of the track and twist the ends of the wires together. Use wire nuts or electrical tape to insulate the connections.

Transformer/Power Supply

You may also use a transformer or a separate accessory power supply to power your Street Lamps. Simply connect one wire to the Power/A terminal and the other wire to the Common/Ground/U terminal on the power supply.

Powering your Street Lamps continued

DC Power Supply

You may also use a DC power to power your Street Lamps if you choose. Connect the Red wire to the positive terminal and the Black wire to the negative terminal on the power supply. Please make sure not to exceed 18 volts.

Wiring the lamps together

You may also wire the Street Lamps together. Two extension wires are connected to the power supply (a transformer). The lamp wires are connected to the extension wires as illustrated in Figure 2. Connections should be soldered or twisted securely and taped to avoid short circuits.

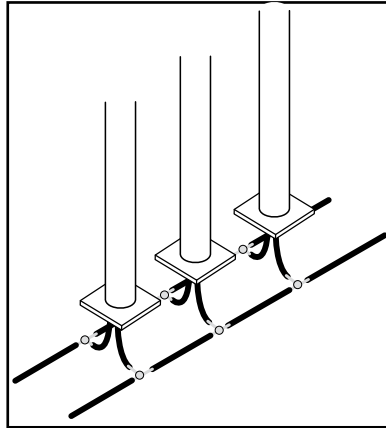


Figure 2. Connecting the lamps with extension wires

Replacing the lamps

Your lamps are equipped with LEDs for longer life and are not user serviceable. Please contact your nearest Lionel Service Center or Lionel Customer Service if they need replacing.

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Lionel®, FasTrack®

Lionel Limited Warranty Policy & Service

This Lionel product, including all mechanical and electrical components, moving parts, motors and structural components, with the exception of are warranted to the original owner-purchaser for a period of against original defects in materials or workmanship when purchased through a .

This warranty does cover the following:

- Normal wear and tear
- Defects appearing in the course of commercial use
- Damage resulting from abuse/misuse of the product
- Damage resulting from consumer or unauthorized attempted repair or modification

Transfer of this product by the original owner-purchaser to another person voids this warranty in its entirety. Modification of this product in any way; visually, mechanically or electronically, voids the warranty in its entirety.

Any warranted product which is defective in original materials or workmanship and is delivered by the **original owner-purchaser** (this warranty is non-transferrable) to Lionel LLC **MUST** be accompanied by the original receipt for purchase (or copy) from an **Authorized Lionel Retailer***, will at the discretion of Lionel LLC, be repaired or replaced, without charge for parts or labor. In the event the defective product cannot be repaired, and a suitable replacement is not available, Lionel will offer to replace the product with a comparable model (**determined by Lionel LLC**), if available. In the event a comparable model is not available the customer will be refunded the original purchase price (requires proof of purchase from the **Authorized Lionel Retailer*** it was originally purchased). Any products on which warranty service is sought must be sent with prior Return Authorization # from Lionel freight or postage prepaid (Lionel will refuse any package when postage is due). Lionel is not responsible for any unauthorized contents of the package or shipping packaging or materials or any package sent with-out prior authorization. **Transportation and shipping charges are not covered as part of this warranty for international shipments.**

NOTE: Products that require service that do not have a receipt will not be serviced by Lionel. Any product sent to Lionel under a Return Authorization and not accompanied by a receipt; the return shipping costs will be the responsibility of the customer.

In no event shall Lionel LLC be held liable for incidental or consequential damages.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

Instructions for Obtaining Service

If service for this Lionel LLC product is required you must **FIRST** call 1-800-4LIONEL (1-800-454-6635), Email Talktous@lionel.com, or write to Lionel Customer Service, 6301 Performance Drive, Concord, NC 28027. Please have the Lionel product number and original receipt showing the date, location of original purchase, and description of problem. You will receive a return authorization (RA) number to ensure your merchandise will be properly tracked and handled upon receipt at Lionel LLC.

Once you have your Return Authorization (RA) number, make sure the item is well packed to protect during shipping. (The original packaging was designed to protect product during transit).

Please make sure you have followed all of the above instructions carefully before returning any merchandise for service.

Warranty Information

Products that are more than 3 years old, from date of manufacture, are not applicable for warranty coverage, even if they have never been sold prior to this date. (Under no circumstance shall any components or labor be provided free of charge.)



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