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LIONEL



No. 23780
AMERICAN FLYER®
Gabe the Lamplighter
Owner's Manual

Congratulations on your purchase of the Lionel produced No. 23780 American Flyer Gabe the Lamplighter. The American Flyer Gabe the Lamplighter is made of a stamped metal and injection molded construction and features a powerful solenoid for years of reliable operation. This repro-

duction is made from the same tooling used in 1958, with a few minor modifications that will enhance your accessories features. Your Gabe the Lamplighter can be placed on any Lionel O, O-27 or S gauge three-rail layout and is designed to operate at 12 – 18 volts alternating current.

Operation and Installation of your American Flyer Gabe the Lamplighter

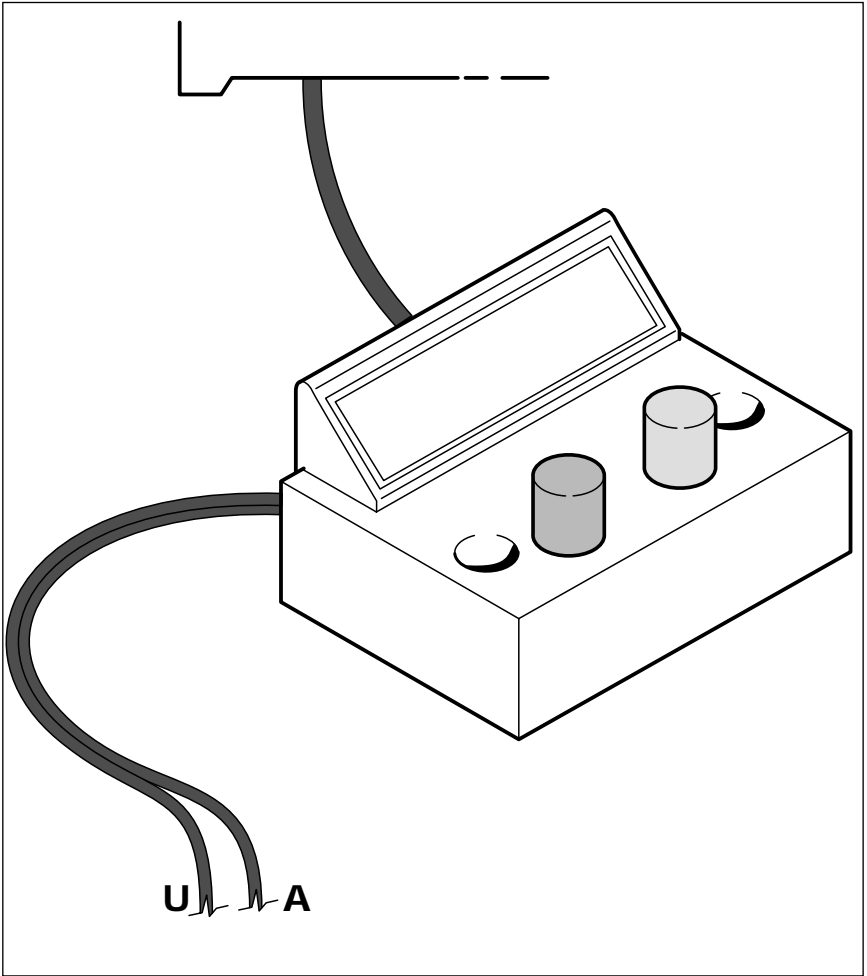
Your Gabe the lamplighter can be installed anywhere on your layout that has accessibility to 12-18 volts alternating current. Due to the controller being directly wired to the tower, you will be unable to operate Gabe in a Command Control environment. There are two holes provided in the base and controller to secure your Gabe the Lamplighter to your layout. Although it is not necessary to secure Gabe to your layout, we recommend that you do so in order to prevent your accessory from falling and potentially being damaged. Before operation, check to see that the string is free and Gabe moves up and down the ladder freely.

As noted above, we have made a few enhancements to your Gabe the Lamplighter. You will notice that when you turn Gabe on, the lamps on the top of the tower will be off. Gabe climbs to the top of the ladder, and when he reaches the top, the lamps will automatically turn on. This is part of our new enhancement to your Gabe the Lamplighter. These lamps will remain on until Gabe reaches the top of the ladder again to turn them off.

NOTE: If you continue to press the button to make Gabe climb the ladder after the lamps have either turned on or off, you may destroy the micro-switch, and Gabe may become stuck.

There are two buttons on your controller, red and green. The red button when pushed makes Gabe climb up the ladder at a rate of one rung per push thus making it necessary to push the button multiple times before he reaches the lights. You will need to press the red button approximately 40 times in order to get Gabe to reach the top of the ladder. Be careful not to push the button too quickly in succession as the solenoid will need time to cool. The green button is pressed once to allow Gabe to slide back down the ladder and wait for his next run. You are now ready to start Gabe turning your tower lights on and off.

NOTE: You will notice that when Gabe climbs the ladder while the lamps are on they will dim slightly. This is due to the amperage draw of the solenoid and is considered part of the normal operation.



Wiring of your American Flyer Gabe the Lamplighter

Your Gabe the Lamplighter will operate best at 12-18 volts (AC). It can be powered through track power or through an accessory power supply.

You need the ends of the wires to be stripped back 1/4" to 3/8". To strip the wires, use a pair of wire strippers or a sharp knife.

Caution: Only an adult should perform this task! Always use care when stripping wires.

To power your Gabe the Lamplighter through track power, follow these instructions.

1 Attach a Lionel Lock-On (not included, see your authorized Lionel dealer) to the track.

Slide the bottom edge of the outside rail into the metal lip on the Lock-On. Press the clip at the end of the Lock-On over the bottom edge of the inside rail.

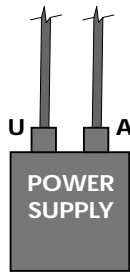
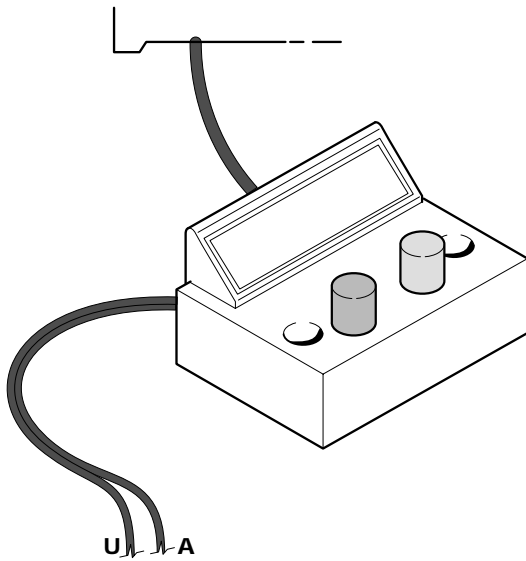
2 Attach one wire to each of the spring clips.

Press down on the top of the terminal clip so that a metal loop is formed. Slide the bare end of the wire into the exposed loop. Release pressure on the terminal clip, allowing the crimped metal to pinch the end of the wire in the metal loop. Give a little tug on the wire to check if the hold is secure. Make sure that the bare wire is in contact with the terminals. Repeat this process so that one wire is attached to each terminal on the Lock-On.

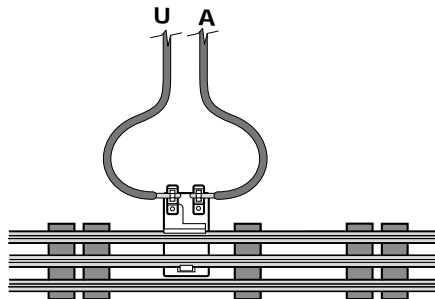
Note! It does not matter which wire goes to which post.

To power your Gabe the Lamplighter through a separate accessory power source, **attach one wire to the "U" terminal of your power supply, and the other wire to the "A" terminal of your power supply.**

Wiring of your American Flyer Gabe the Lamplighter



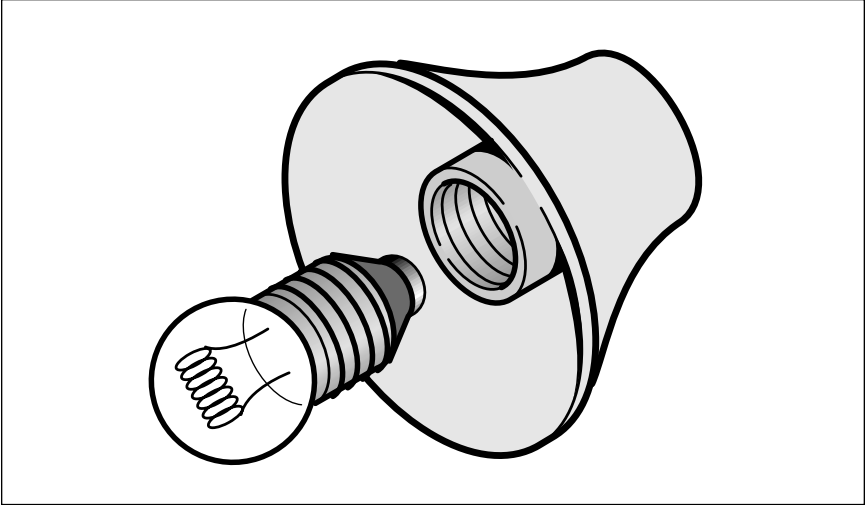
OR



Replacing the Lamps in your Gabe the Lamplighter

Your Gabe the lamplighter is illuminated using four 18-volt bulbs (Lionel part number 6SP-9805-100). During the course of normal operation, these lamps may

require replacement. To replace the lamps in your Gabe the Lamplighter, unscrew the expired lamp from the bracket and install a fresh one.



Limited Warranty/Lionel Service

This Lionel product, including all mechanical and electrical components, moving parts, motors and structural components, except for light bulbs, is warranted to the original consumer-purchaser, for one year against original defects in materials or workmanship when purchased through an authorized Lionel dealer.

This warranty does NOT cover normal wear and tear, light bulbs, defects appearing in the course of commercial use, or damage resulting from abuse or misuse of the product by the purchaser. Transfer of this product by the original consumer-purchaser to another person voids this warranty. Modification of this product voids this warranty.

Any warranted product which is defective in original materials or workmanship and is delivered by the original consumer-purchaser to Lionel L.L.C. or an authorized Lionel L.L.C. Service Station, together with proof of original purchase will, at the option of Lionel L.L.C., be repaired or replaced, without charge for parts or labor. In the event the defective product cannot be repaired, and a replacement is not available, a refund of the original purchase price will be granted. Any products on which warranty service is sought must be sent freight or postage prepaid, as transportation and shipping charges are not covered by the warranty.

In no event shall Lionel L.L.C. be 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 limited 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 L.L.C. product is required, bring the item, along with your dated

sales receipt and completed warranty information to the nearest Authorized Lionel Service Station. Your nearest Lionel Service Station can be found by calling 1-800-4-Lionel, or by accessing our Website at www.lionel.com.

If you prefer to send your product back to Lionel L.L.C. for factory repair, you must first call 810-949-4100 or FAX 810-949-5429, or write to Customer Service, P.O. Box 748, New Baltimore, MI 48047-0748, stating what the item is, when it was purchased and what seems to be the problem. You will be sent a return authorization letter and label to ensure your merchandise will be properly handled upon receipt.

Once you have received your return authorization and label, make sure that the item is packed to prevent damage during shipping and handling. We suggest that you use the product's original packaging. This shipment must be prepaid and we recommend that it be insured.

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

Warranty Information

Please complete the information below and keep it, along with your dated sales receipt. You must present this and your dated sales receipt when requesting warranty service.

Name _____

Address _____

Place of Purchase _____

Date of Purchase _____

Product Number _____

Product Description _____

