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***Lionel
TMCC Direct Lockon
Owner's Manual***

Congratulations!

Congratulations on your purchase of the TMCC Direct Lockon! This device allows you to connect your PowerHouse Power Supply directly to the track when operating only TrainMaster Command Control equipped locomotives. The Direct Lockon features instant power interruption when a short circuit is detected, LED indicators, and automatic power restoration.

Installing your TMCC Direct Lockon

The PowerHouse Power Supply and Command Base connections are found inside of the structure. Follow these steps and refer to Figure 1 as you make these connections.

- 1. Remove the four screws from the bottom of the Lockon structure.**
- 2. Remove the base and lift the structure off of the circuit board.**
- 3. Insert the PowerHouse Power Supply plug into the receptacle on the circuit board.**
- 4. Attach the Command Base wire to the spring clip terminal.**

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 be sure that the hold is secure.
- 5. Use the switch to select the type of PowerHouse Power Supply that you are using.**

Slide the switch to 135 for the 135-Watt PowerHouse Power Supply; slide the switch to 180 for the 180-Watt PowerHouse Power Supply.
- 6. Route the PowerHouse Power Supply cord and the Command Base wire through the slot as illustrated in Figure 1.**
- 7. Connect the Lockon to the track, then reinstall the structure on the base.**
 - For FasTrack layouts, connect the Direct Lockon to a FasTrack Terminal Section (available separately, 6-12016). Attach the spade-shaped connectors to the terminals inside the Lockon. The red wire is connected to the terminal labeled A. The black wire is connected to the terminal labeled U.
 - For traditional O and O-27 gauge layouts, attach a Lionel Lockon (included) to the track. Attach two wires (included) to the terminal inside the Direct Lockon and attach them to the Lionel Lockon (track) terminals.

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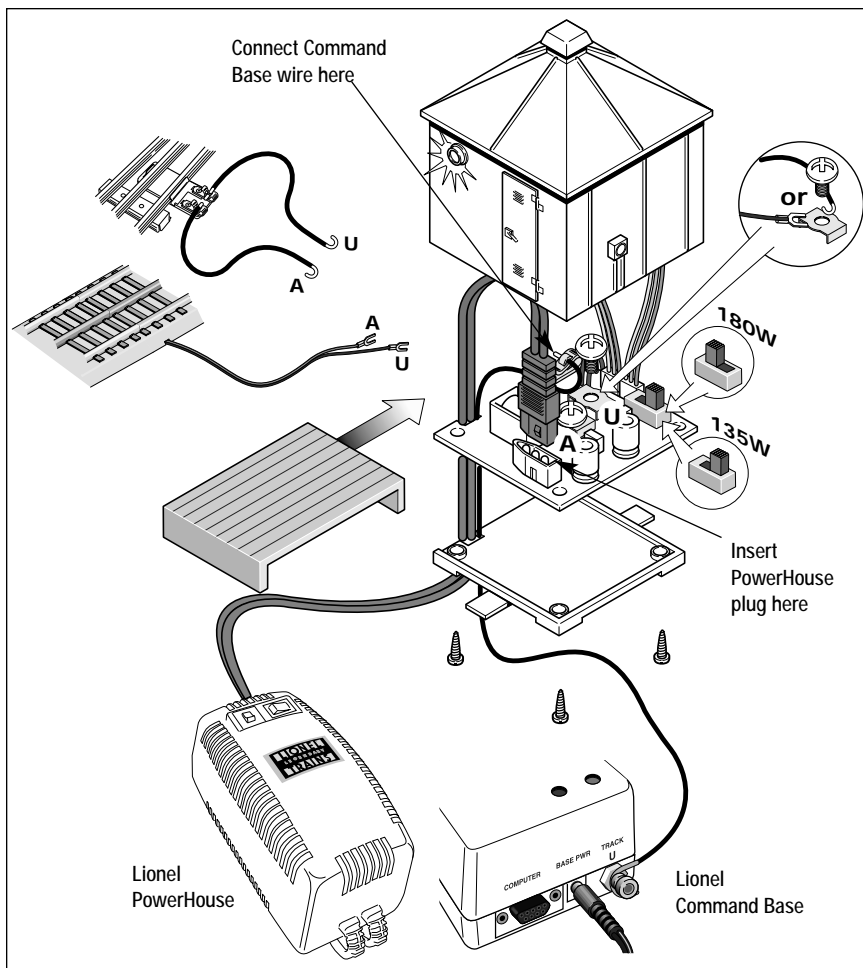


Figure 1. Direct Lockon connections and switch location

Operating your Direct Lockon

To operate your Direct Lockon, simply plug in the Command Base and switch on the PowerHouse Power Supply. Power will instantly be applied to the track, and the green indicators will illuminate.

Short Circuits

In the event of a short circuit, the indicator lights will change to red, and the Direct Lockon will instantly interrupt track power. Once the short circuit or overload is removed, track power will be restored automatically after a short delay.

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 merchant.

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 Center, 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 Center. Your nearest Lionel Service Center 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 repair in Michigan, you must first call 586-949-4100 or FAX 586-949-5429, 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. You may choose to have your product repaired by one of our Authorized Lionel Service Centers after its warranty has expired. A reasonable service fee will be charged.

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 _____



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