Congratulations on your purchase of the Lionel #364 Conveyor Lumber Loader. The conveyor lumber loader is constructed of stamped metal and injection molded plastic and features one powerful Can motor for years of reliable operation. The conveyor lumber loader can be placed on any Lionel O or O-27 gauge three-rail layout and is designed to operate at 12-18 volts alternating current.

Installation of your Conveyor Lumber Loader

Your conveyor lumber loader can be placed along any straight stretch of track at least three track sections in length on your layout. No special sidings or spur lines are necessary since the loading and unloading are done along the same line on the track, in front of the lumber loader. A remote control track section, Lionel part #6-12746 for O27 Gauge or 6-65530 for O Gauge (sold separately), should be placed in the track layout in front of the loader’s receiving platform, and the lumber loader positioned so that its receiving platform is in the center of the remote control track section. The lumber loader should be set away from the track by approximately the thickness of a log and as level as possible.

You will notice that you have the following items in your packaging:

- 12 wooden logs
- 4 green insulated wires
- 1 slide switch (600-5903-001)

Operation of your Conveyor Lumber Loader

The conveyor lumber loader is used with all Lionel operating lumber and log dump cars. To begin operation of the lumber loader, position a loaded operating lumber or log dump car on the remote control track section. You can now empty the logs to the lumber loader’s receiving bin. After all of the logs are on the receiving platform, you can begin to transfer the logs into a new car.

Look to make sure that the spotting light on the lumber loader is on. If it is not, the lumber loader is not getting power. Once the light is on, simply press the slide switch to begin the conveyor. The logs will travel up the conveyor and roll off of the edge. Please note that you must have a car waiting before you begin operation. The logs will roll off of the edge without stopping.

Wiring your Conveyor Lumber Loader

Your conveyor lumber loader will operate best from 12-18 VAC. It can be powered with track power or a separate accessory power supply. Variable voltage control is recommended, so you can adjust the loading speed of the lumber loader to your liking. It is possible to operate your operating lumber loader any number of ways. Your operating lumber loader will operate using an SC-1 or SC-2 (command control) accessory controller (sold separately), or using the included switch. To connect your included switch to your lumber loader, simply connect one insulated wire (included) from the thumbscrew post labeled A to the “U” terminal of track power or a separate accessory power supply. Please see the diagram at right. To connect the wires to the thumbscrew posts, remove the nut from the post and place the bare wire end through the hole located in the post. Replace the nut and tighten to secure.

Next, connect another insulated wire from the thumbscrew post labeled B to the one side of the switch (included). Then, connect another insulated wire from the other side of the switch to the “A” terminal of track power or a separate accessory power supply. Finally connect the last insulated wire from the thumbscrew post labeled C to the “A” terminal of track power or a separate accessory power supply. Your lumber loader is now wired for operation in a conventional environment. To operate your conveyor lumber loader in a Command Control environment, please see the section labeled Operating your Conveyor Lumber Loader in Command.

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Replacing the Lamp in your Conveyor Lumber Loader

Your yard light is illuminated by one 18-volt lamp (Lionel part # 6SP-4071-200). During the course of normal operation, this bulb may require replacement. To replace the lamp, you will need to start by removing the stamped metal housing from the light. This can be done by unbending the tabs on the back of the housing and pulling the light housing off of the loader’s wall. You can now give the bulb a quarter-twist, remove it and install a fresh one. Finally replace the light housing and twist the tabs to secure in place. Make sure the light housing is horizontal or it could cause the logs to jam in the conveyor during operation.

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 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 www.lionel.com.

If you prefer to send your product back to Lionel L.L.C. for factory repair, you must first call 610-949-4100 or FAX 610-949-5429, 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 __________________________________

Switch and Accessory Guide (72-2980-250).

SC-1 Wiring Diagram

To use an SC-2, you will need to wire your lumber loader differently. This wiring diagram can be found on page 23 of your SC-2 Switch and Accessory Guide (72-2980-250).

Operating your Conveyor Lumber Loader in Command Control

Your conveyor lumber loader can be used in a Command Control environment with the use of an SC-1 or SC-2. In order to run your lumber loader in a Command Control environment with the use of an SC-1, connect an insulated wire (included) from the thumbscrew post labeled C to the AUX 2 position on the SC-1. Please see the diagram at right. Connect another insulated wire from the thumbscrew post labeled A to the "A" terminal of your accessory power supply. Next, run another wire from the "U" terminal of your accessory power supply to the center (ground) screw on your SC-1. Finally, run an insulated wire from the thumbscrew post labeled B to the AUX 1 position on the SC-1.

You can now use the AUX 1 button on your CAB-1 remote to turn the conveyor on. You will need to hold down the AUX 1 button for the time period you would like the conveyor to operate. You can also use the AUX 2 button on your CAB-1 remote to turn the lumber loader light on or off. For more information regarding the use of the SC-1, please refer to your SC-1 Switch and Accessory Guide.