Congratulations!

Congratulations on your purchase of the Lionel #364 Conveyor Lumber Loader! This accessory features an operating conveyor belt to transport the logs up to the loading platform. Load the logs into your waiting rolling stock at the press of a button.

#364 Conveyor Lumber Loader Inventory

- Twelve wooden logs
- Four insulated wires
- Slide switch
- Owner’s Manual

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Lionel®, TrainMaster®, Odyssey®, RailSounds™, CrewTalk™, TowerCom™, DynaChuff™, StationSounds™, Pullmor®, ElectroCoupler™, Magne-Traction®, CAB-1 Remote Controller®, PowerMaster®, Lionel ZW®, ZW®, PowerHouse®, TMCC™, Lionelville™
Powering the accessory in the conventional environment

Your accessory operates best at 12 to 18 volts (AC). Power the accessory with a separate accessory power supply or through a Lionel Lockon (6-62900). We recommend using a power supply with variable voltage. Connect the accessory to the power supply and switch (included) as illustrated in Figure 1.

1. Attach a wire to the accessory terminal labeled A and connect it to the Common/Ground/U power supply terminal OR to the #2 Lockon terminal. To make the accessory connection, loosen the thumbscrew, wrap the bare end of the wire around the post, and retighten the thumbscrew.

2. Attach another wire to the accessory terminal labeled B and connect it to one of the terminals on the separate switch. To make the switch connection, loosen the screw terminal, wrap the bare end of the wire around the post, and retighten the screw.

3. Attach another wire to the remaining switch terminal and connect it to the Power/A power supply terminal OR to the #1 Lockon terminal.

4. Attach a final wire to the accessory terminal labeled C and connect it to the Power/A power supply terminal OR to the #1 Lockon terminal.

Note! Two wires share a connection to the Power/A terminal OR the #1 Lockon terminal.

Figure 1. Power connections
Operating the accessory

Use this accessory to load and unload all Lionel operating lumber and log dump cars.

Unloading the cars
Position a loaded operating lumber or log dump car on the Remote-Control Track section in front of the lower bin. Activate the track section to unload the car into the bin. Refer to the instructions included with the track section.

Operating the conveyor and loading the cars
Power up the accessory using your separate power supply or, if you are using a Lionel Lockon, power up the track. The control light on the accessory will illuminate. Throw the switch, and the conveyor belt will begin to operate, transporting logs from the lower bin to the top loading platform. Be sure a car is waiting below the loading platform— the loads will roll off the accessory without stopping!

Controlling the accessory in the Command Control environment

For operation in the TrainMaster Command Control environment, you may choose to wire this accessory with an SC-2 Switch and Accessory Controller (available separately, 6-22980) or the Accessory Switch Controller (available separately, 6-14182). Refer to these manuals for additional information.
Controlling the accessory in the Command Control environment (continued)

SC-2 wiring and operation

Four wires are needed to connect the accessory to the SC-2 Switch and Accessory Controller and a separate accessory transformer. Refer to Figure 2.

1. Attach one wire to the transformer’s Power/A terminal and connect it to the accessory COMM (common) position on the SC-2.

2. Attach a wire to the accessory terminal labeled “A” and connect it to the Common/Ground/U terminal on the power supply.

3. Attach a wire to the accessory terminal labeled “B” and connect it to the momentary position on the SC-2.

4. Attach a final wire to the accessory terminal labeled “C” and connect it to the toggle On/OFF position on the SC-2.

Press and hold the AUX1 button on your CAB-1 Remote Controller to operate the conveyor. Use the AUX2 button on your CAB-1 Remote Controller to toggle the lamp ON and OFF.

Figure 2. SC-2 connections
Accessory Switch Controller wiring and operation

Four wires are needed to connect the accessory to the Accessory Switch Controller (ASC) and a separate accessory transformer. Refer to Figure 3.

1. Attach one wire to the transformer’s Power/A terminal and connect it to the COMM terminal on the ASC.

2. Attach a wire to the accessory terminal labeled “B” and connect it to a numbered accessory terminal on the ASC.

3. Attach another wire to the accessory terminal labeled “C” and connect it to a numbered accessory terminal on the ASC.

4. Attach a wire to the other accessory terminal labeled “A” and connect it to the transformer’s Common/Ground/U terminal.

Press and hold the AUX1 button on your CAB-1 Remote Controller to operate the conveyor. Use the AUX2 button on your CAB-1 Remote Controller to toggle the lamps ON and OFF.

Figure 3. ASC connections
Replacing the lamp

Your accessory is illuminated by one lamp, Lionel part no. 6SP-4071-200. During the course of normal operations, this lamp may require replacement. Replacement lamps are available at your authorized Lionel Service Center or from Lionel Service in Chesterfield, MI.

1. Remove the metal lamp housing. Straighten the tabs and slide them through the wall.
2. Gently press and rotate the expired lamp counter-clockwise, then pull it out of the socket.
3. Install the new lamp. Insert the base into the socket and rotate the lamp clockwise.
4. Replace the lamp housing, bending the tabs at the back of the accessory.

**Note!** Be sure that the housing is properly attached to the accessory and that the logs are able to clear the housing.

Figure 4. Lamp replacement
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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