



OPERATING BOXCAR

K-LINE BY LIONEL

This Operating Boxcar is used to deliver merchandise crates or barrels, depending on the car model. Load the crates/barrels into the hatch on the top of the car. Push the appropriate buttons on the 6-21438 Remote Controller (sold separately). The door pops open and a workman unloads one of the crates/barrels that have been loaded into the car. Another crate/barrel is unloaded for each push of the button until the car is empty. These operating cars will also operate with any uncoupler track.

K-LINE BY LIONEL REMOTE CONTROLLER OPERATION: This system can operate 24 cars independently anywhere on the layout. Each car must have a unique address set using the switches on the bottom of the car. On each car, there are two sets of switches, one with 3 switches, and the other with 8 switches. To set a unique address, slide all the switches to the "off" position. Then turn on one switch from each set. The set of three switches, labeled "A", "B", and "C" correspond to the "A", "B", and "C" buttons on the controller. The set of 8 switches corresponds to the numbers "1" through "8" on the controller. The controller range is 20 feet, but may be reduced by obstructions. After pressing the "A", "B", or "C", other cars with the same letter address can be operated by pressing only the number. For example, after "A" is pressed, the light over the "A" button will stay on, and cars with the addresses A1 through A8 can be activated by pressing only the number. To activate cars with "B" or "C" addresses, press "Reset", then "B" or "C". You can also press just "B" or "C". Choose an address for your car and set the switches on the bottom of the car to that address using the procedure described above.



All Switches in the "off" position



Switches in the A1 position



CRATE/BARREL LOADING: The Operating Boxcar has a hinged loading hatch on its roof. To open the loading hatch, press the back side of the roof to the left of the unloading door. A hinged section of roof will open revealing a slot for the crates/barrels. Place the crates/barrels one at a time into the slot. Repeat this process until all of the supplied crates/barrels have been loaded into the car. The car is now fully loaded and ready to be hauled around the tracks until it reaches its unloading position.



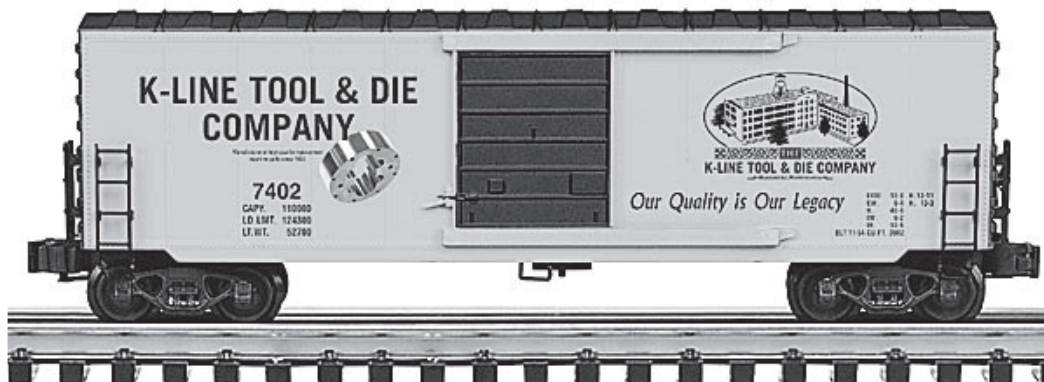
Loading



Unloading

UNLOADING CRATES/BARRELS WITH REMOTE CONTROLLER: To unload crates/barrels from the car, stop the car at the desired unloading position on the track. Set the track power between 8 and 18 volts (14 volts is ideal for maximum component life). Press the "Power" button on the controller. The power indicator light will come on. Press either "A", "B", or "C" as set on the car's switches. The light over the button will come on. Then press one of the buttons numbered "1" through "8" which corresponds to the number set on the car's switches. The car will complete one unloading cycle, which consists of opening the door, moving the man out to the edge of the car, unloading one crate/barrel, moving the man back into the car and closing the door. Subsequent presses of the number button will initiate one additional unloading cycle.

UNLOADING CRATES/BARRELS WITH UNCOUPLING TRACK SECTION (UCS): To operate using the UCS (Remote Uncoupling Section) uncoupler track section, stop the center of the car over the magnet in the uncoupler track section. Set the track power between 8 and 18 volts (14 volts is ideal for maximum component life). Press the "uncouple" button. The car will complete one unloading cycle, which consists of opening the door, moving the man out to the edge of the car, unloading one crate/barrel, moving the man back into the car and closing the door. Subsequent presses of the button will initiate one additional unloading cycle.



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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