

Instructions for Operating LIONEL REMOTE CONTROL LUMBER CAR No. 3461 DUMP CAR No. 3469

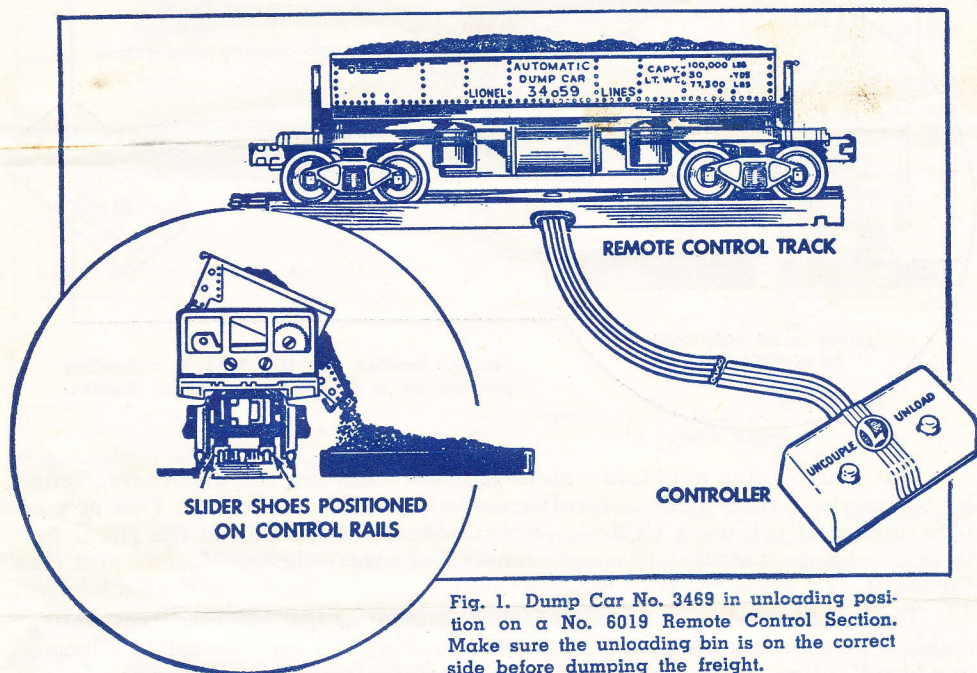


Fig. 1. Dump Car No. 3469 in unloading position on a No. 6019 Remote Control Section. Make sure the unloading bin is on the correct side before dumping the freight.

To operate Lionel remote control unloading cars a special section of track is required. The special section used with "O" track is known as the UCS; the section matching "027" track is No. 6019.

Note: No. 3469 Dump Car and No. 3461 Lumber Car cannot be uncoupled by the previously manufactured RCS and No. 1019 remote control sections.

A remote control section is inserted in the track layout as any other section of track but to make coupling and uncoupling easier, at least one regular straight section should be placed on both sides of the remote control section.

One remote control section is packed with every Lionel set. Additional sections may be purchased from your dealer. Since these sections do not consume any power except when actually used, any number of them can be installed in a layout without overloading the transformer. If other operating cars are added to the outfit, they can all be operated from the same remote control section.

UNLOADING THE CAR

In order to unload an unloading car, position the car on the remote control section so that the car's sliding contact shoes ride up on the control rails of the remote control section. See Figures 1 and 2. Then press the 'Unload' button.

Several miniature logs are supplied with each Lumber Car and a bag of artificial coal with each Coal Dump Car. Additional Artificial Coal No. 206 may be purchased from your dealer. Do not use any other materials such as sand, gravel, etc., which might clog the mechanism of the dump car, and do not load your car too heavily. If you are running the train slowly and track voltage is low you may have to increase it when unloading to get a snappier dumping action.

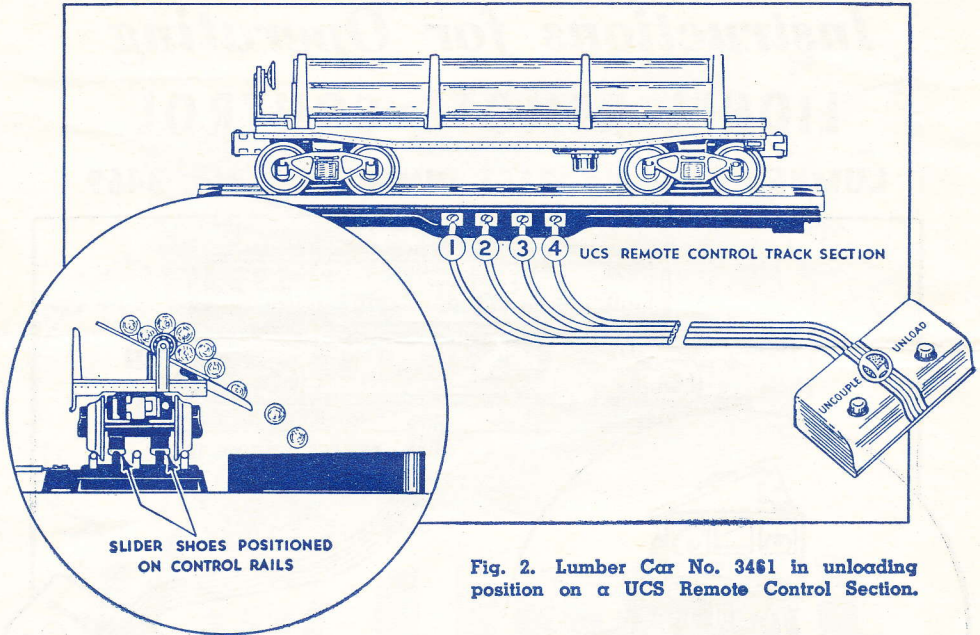


Fig. 2. Lumber Car No. 3461 in unloading position on a UCS Remote Control Section.

It is also possible to obtain a more vigorous dumping and uncoupling action by wiring the remote track controller directly to a Fixed Voltage Post of your transformer. If you use a UCS remote control section disconnect the No. 3 wire from the remote control section and connect that wire to the transformer post (See Figure 3). If you use No. 6019 Remote Control Section No. 4 wire should be used.

The use of fixed voltage which is independent of the variable track voltage makes it possible to operate the Remote Control Section even though it is located in a 'dead' siding. When separating the power wire from the cable be careful not to tear off the insulation and expose bare wire or you may cause a short-circuit. In case of a tear repair the insulation with adhesive tape.

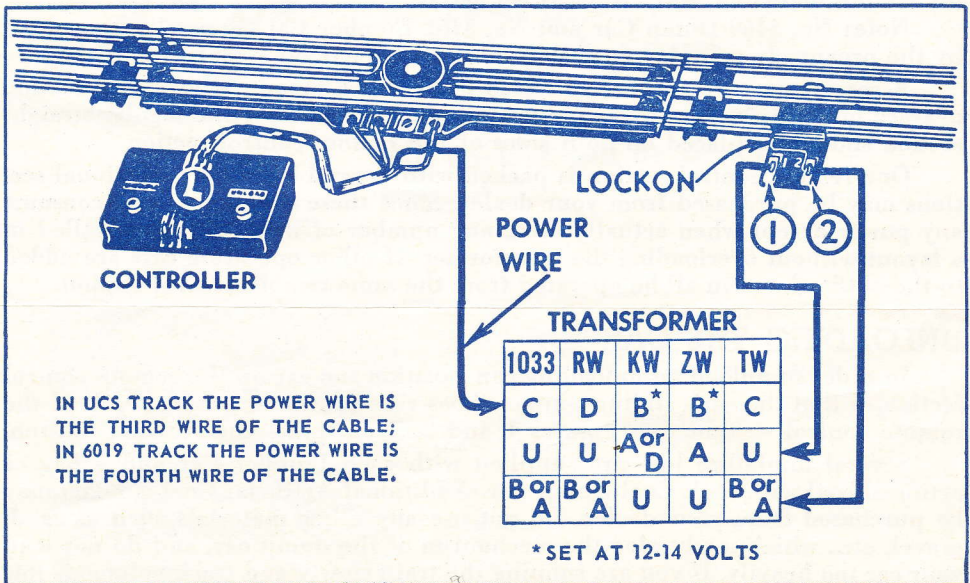


Fig. 3. Optional method for operating Remote Control Track with fixed voltage.

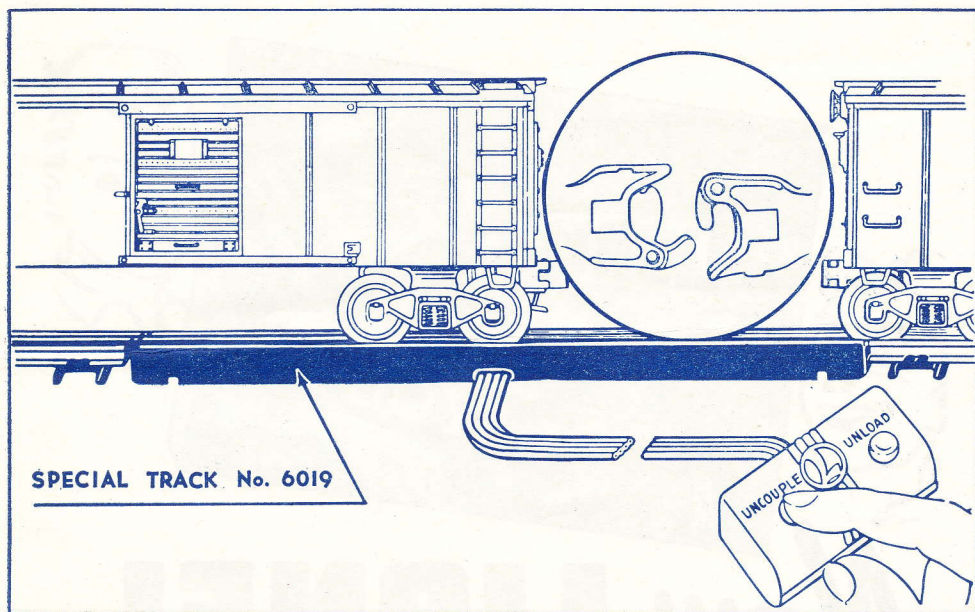


Fig. 4. Two cars in uncoupling position on a No. 6019 Remote Control Section.

UNCOUPLING AND COUPLING

To uncouple two cars position either one of the mating trucks on the remote control section so that the movable armature plate underneath the truck is directly over the track electromagnet. Pressing the controller "Uncouple" button will then open the coupler. Do not press the button any longer than necessary, or the electromagnet coil will tend to overheat. The cars can also be uncoupled while in motion if the "Uncouple" button is pressed at the moment when the truck is passing over the electromagnet.

Cars equipped with knuckle couplers can be coupled along any straight portion of track by simply coming together. Of course, at least one of the mating couplers has to be open for the coupling to take place. If both are closed, maneuver one of the cars to the Remote Control Section and open the coupler by pushing "Uncouple" button.

SERVICE INFORMATION

This car was thoroughly inspected at the Factory and is in perfect operating condition. Like all Lionel products it is guaranteed against faulty material and workmanship to the extent that if any such defective car is returned to the Lionel Service Department, or to any Lionel Authorized Service Station within one year of the date of purchase it will be repaired or replaced.

If you decide to mail the car to us, be sure to pack it carefully to avoid damage in transit. Use the original box and packing, if possible, and enclose in another strong container. A letter in a stamped envelope stating fully the service desired must be pasted to the outside wrapper, since postal regulations do not permit a letter or any written message to be placed inside the package.

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