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Lionel G-Gauge Steam Set Owner's Manual

Adult assembly required
Batteries not included

⚠ WARNING:

CHOKING HAZARD-Small parts.
Not for children under 3 years.

Congratulations!

Congratulations on your purchase of this Lionel G gauge set. This set features everything you need to get started – a wireless remote control, a huge loop of easy-to-assemble track, a string of detailed cars, a tender and locomotive.

Read this instruction manual thoroughly for important tips on operating and maintaining your 'G' Gauge set.

Set Inventory

- 1 Steam locomotive with head lamp, bell *(depending on set purchased)*, and sounds
- 1 Tender
- 2 Rolling Stock cars
- 12 curved track sections
- 4 straight track sections
- 1 Wireless Remote Controller
- 1 Owners manual



Get the free mobile app at
http://gettag.mobi

Scan this QR code for help setting up and operating your G Gauge set as well as a troubleshooting video.

FCC and RSS Statements

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

Notes: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipement off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation.

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

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Lionel®, LionChief™, LionChief Plus™, LEGACY™, FasTrack®, TrainMaster®, Odyssey®, RailSounds®, CrewTalk™, TowerCom™, DynaChuff™, StationSounds™, Pullmor®, ElectroCoupler™, Magne-Traction®, CAB-1® Remote Controller, American Flyer®, Lionel ZW®, ZW®, MagniVision®, TMCC®, Lionelville®, Wireless Tether™, Powerhouse™, LionMaster®, Conventional Classics™, Postwar Celebration Series™, TruRail™, PH-1 Powerhouse®, Powermaster®, Powerstation-Powerhouse®, Accessory Motor Controller™, AMC™, Accessory Switch Controller™, ASC™, Action Recorder Controller™, ARC™, Track Power Controller 300™, TPC 300™, Track Power Controller 400™, TPC 400™, Block Power Controller™, BPC™, Operating Track Controller™, OTC™, FatBoy™, Lionel Lines®, Joshua Lionel Cowen Series™, Lockon®, TrainSounds™, MultiHorn™, MultiWhistle™, Choo-Choo™, SensorTrack™, Plug-n-Play™

Track assembly and layout

Joining the track sections

Join the track sections together by placing them on a flat surface and inserting the plastic tabs of each track section into the corresponding openings of the next section. Press or squeeze the ties together to connect. This may require the help of an adult. Recheck all track connection points upon completing your layout to be sure they are secure.

To disassemble the track just lift one of the track sections slightly at an angle where they join together and they will snap apart. See Figure 1.

The rails should be kept clean, dry, and free from oil, grease, and dirt. Clean the track periodically with a clean soft cloth.

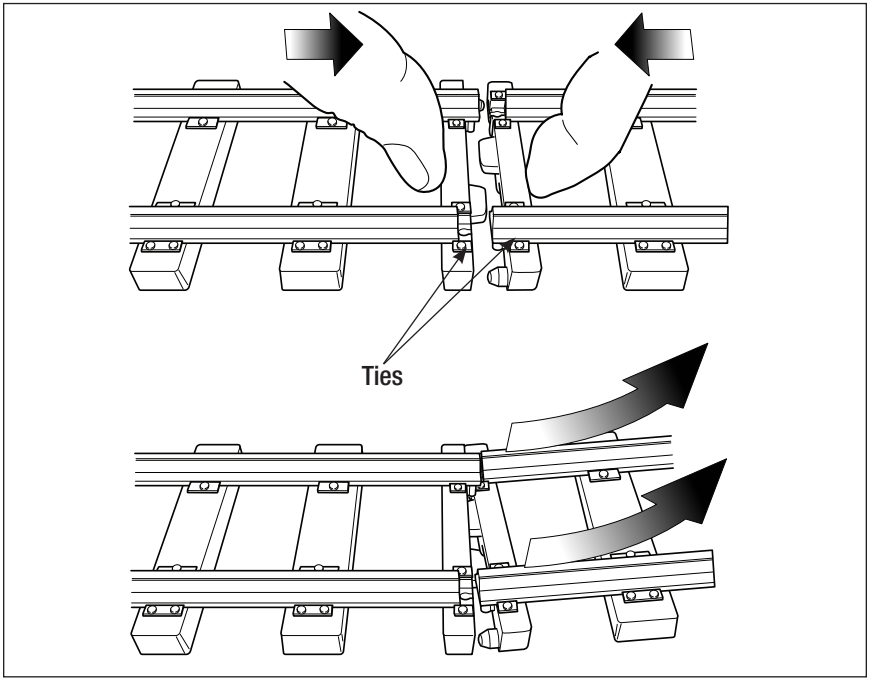


Figure 1. Assembling and disassembling the track

Track assembly and layout

Layouts

These are three possible layouts you can make with the track provided. See Figure 2.

Circle

- Connect all curved track sections

Extended Circle

- Make four ninety-degree curves by joining three curved sections each
- Connect the three-section ninety-degree curves with one straight section in between

Oval

- Make two half-circles using six curved sections for each. Make two long straight tracks using two sections each. Join the curves using the two long straight sections.

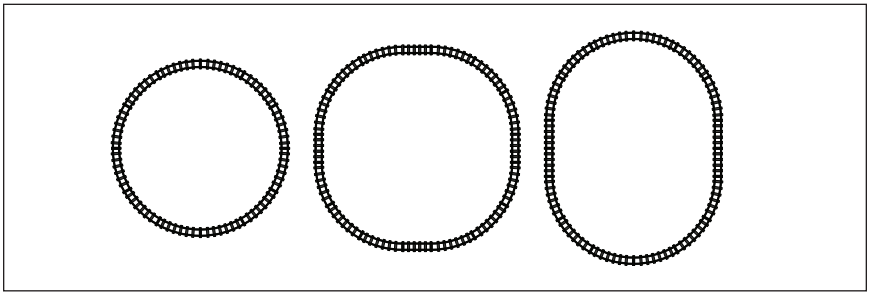


Figure 2. Possible track layouts

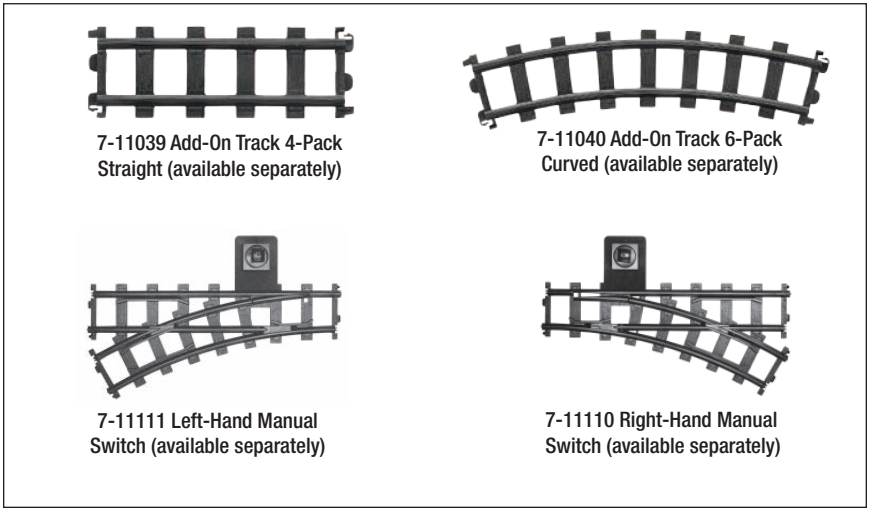


Figure 3. Additional track is now available separately to create new layouts

Battery installation and options

Installing AA batteries into the Remote Control

Using a Phillips Head screwdriver, have an adult loosen the screw on the battery compartment cover. Once the battery cover has been removed (as shown in figure 4) install 2 'AA' Alkaline Batteries (not included). Please be sure the +/- of each battery is positioned properly in the battery compartment. Replace the battery door and tighten the Phillips head screw. Be careful to avoid over-tightening the screw.

Important! Use only Alkaline AA batteries. Use only new batteries. Never mix new and used batteries or use different types together.

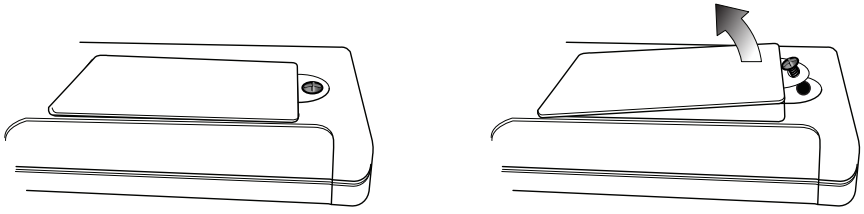


Figure 4. Opening and closing the battery compartment

Important! **REMOVE ALL BATTERIES WHEN THE TRAIN WILL NOT BE USED FOR AN EXTENDED PERIOD OF TIME. LIONEL'S LIMITED WARRANTY DOES NOT COVER DAMAGE TO YOUR REMOTE CAUSED FROM LEAKING BATTERIES.**

Important! **When you are not operating the train, move the On/Off switch to the Off position to conserve the battery life.**

Battery installation and options

Installing ‘C’ batteries into the tender

Using a Phillips Head screwdriver, have an adult loosen the screw on the battery compartment cover. Once the battery cover has been removed install 6 'C' Alkaline Batteries (not included). Please be sure the +/- of each battery is positioned as shown in the battery compartment. See Figure 5.

Important! Use Alkaline ‘C’ batteries. Use only new batteries. Never mix new and used batteries or use different types together.

Close the battery compartment by inserting the slot on the front end of the tender lid onto the retaining rib. Then lower the back end of the lid and secure by tightening the Phillips Head screw.

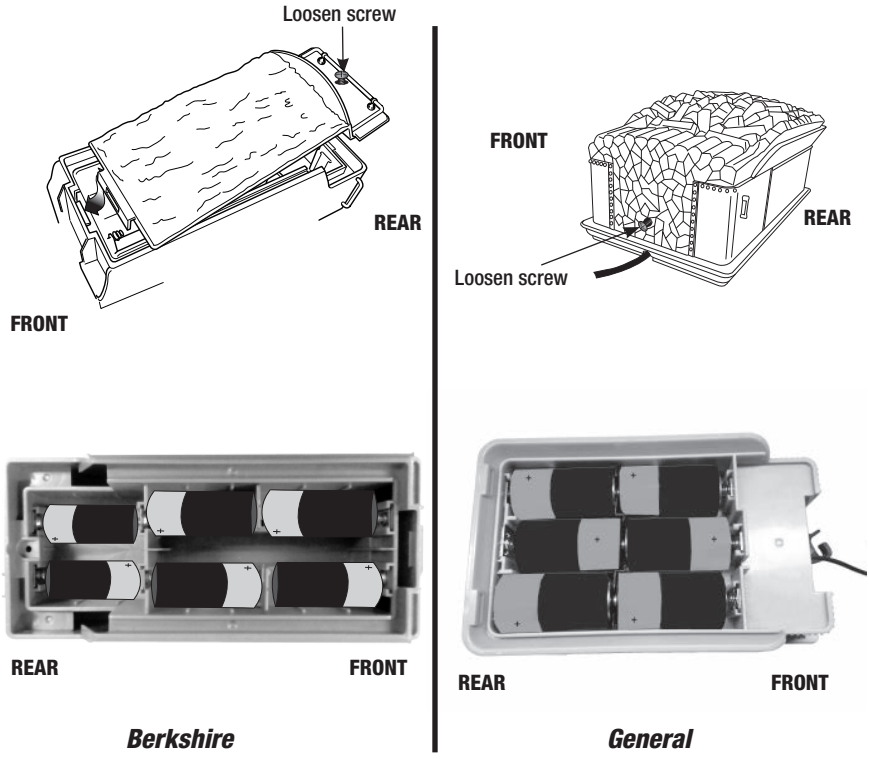


Figure 5. Installing ‘C’ batteries in the tender

Important! **Remove all batteries when the train will not be used for an extended period of time. Lionel's Limited Warranty does not cover damage to your tender caused from leaking batteries.**

Operating your train

Connecting the engine and coal tender

Place the engine on the track first. Be sure that all wheels are within the track rails. Next insert the power plug into the receptacle in the center back of the engine platform. See Figure 6.

Note! The engine will not run without this power plug inserted into the engine.

Place the Coal Tender on the track behind the Engine and connect the couplers. Be sure all the Coal Tender's wheels are all on the track rails.

Note! When you have finished running your train, unplug the harness from the locomotive to stop the sounds from playing. Once the harness is plugged back in, the sounds will reset to default. Unplugging the harness will also conserve battery life.

Important! **Remove all batteries when the train will not be used for an extended period of time. Lionel's Limited Warranty does not cover damage to your tender caused from leaking batteries.**

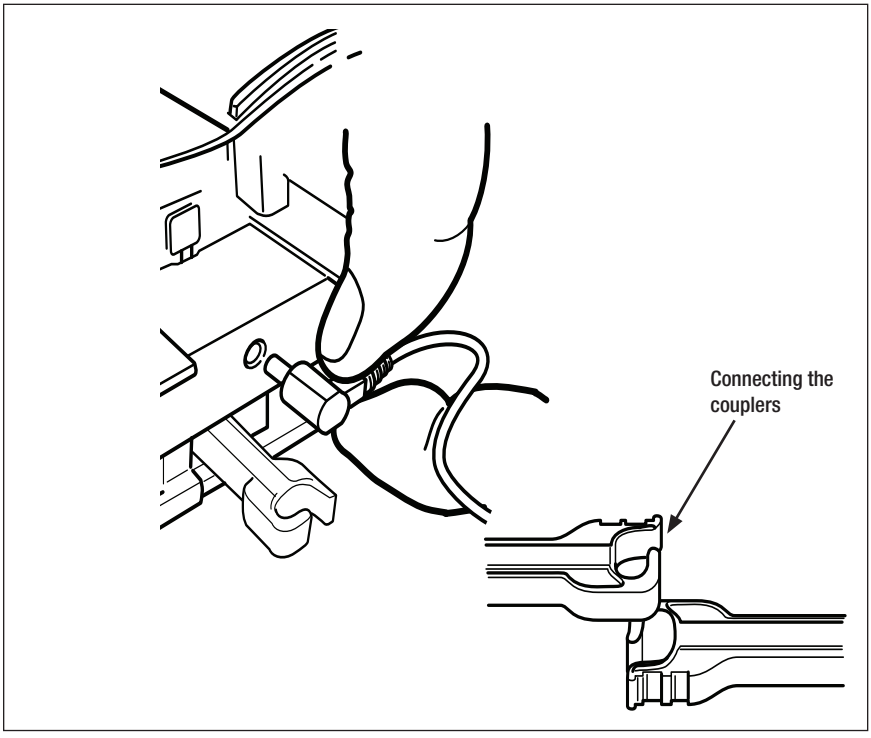


Figure 6. Connecting the engine and the coal tender

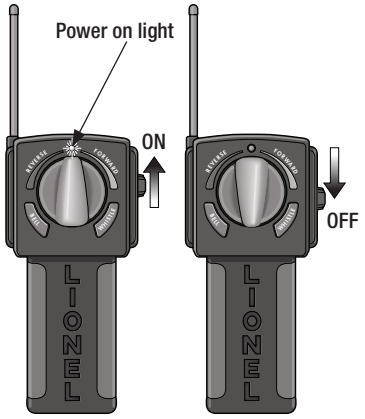
Operating your train

Power switches on the wireless controller

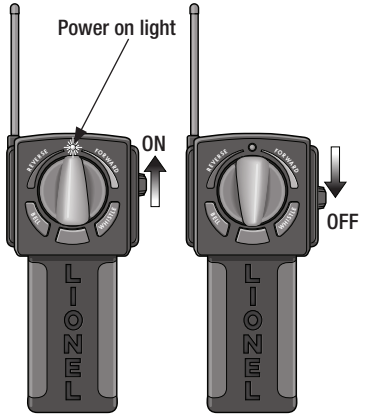
Turn the power switch on the side of the wireless remote to the up or ON position. The red LED at the top of the speed dial will illuminate to tell you the controller is on.

Turn the power switch on the Wireless Controller to the down position or OFF when not in use. The LED at the top of the dial will go out to indicate the power is off. See Figure 7.

Note! Leaving the Wireless Controller power ON when not in use will drain the controller's battery.



2 BUTTON REMOTE



3 BUTTON REMOTE

Figure 7. Using the wireless controller

Operating your train

Operating your wireless controller

Turn your Wireless Controller to the ON position by sliding the button on the right side of the controller up. An LED on top of the dial will light to indicate the power is on (See Figure 7 on page 10). See Figures 8 and 9 on page 12 for button operations.

Note! The controller must be within 10 feet of the engine to operate the train. The controller may not operate if placed flat on the ground even if it is near the train.

Forward

Turn the dial towards the green FORWARD position to move the train forward. There are three speeds forward and the more you turn the dial along the green arrow the faster the train will run.

Stop

Turning the dial to the top will stop the train. Note that it may take up to several seconds for the train to come to a complete stop depending on how fast it was going. Make sure to bring the train to a complete stop before changing direction.

Reverse

Turn the dial towards the blue REVERSE position to have the train move in reverse. Again, there are three speeds in reverse. The more you turn the dial along the blue arrow the faster the train will go.

Bell

Pressing the BELL button activates the engine's bell sound.

Center Button *(Depending on which set purchased)*

Pressing the UNMARKED center button activates a special announcement.

Whistle

Pressing the WHISTLE button activates the engine's whistle.

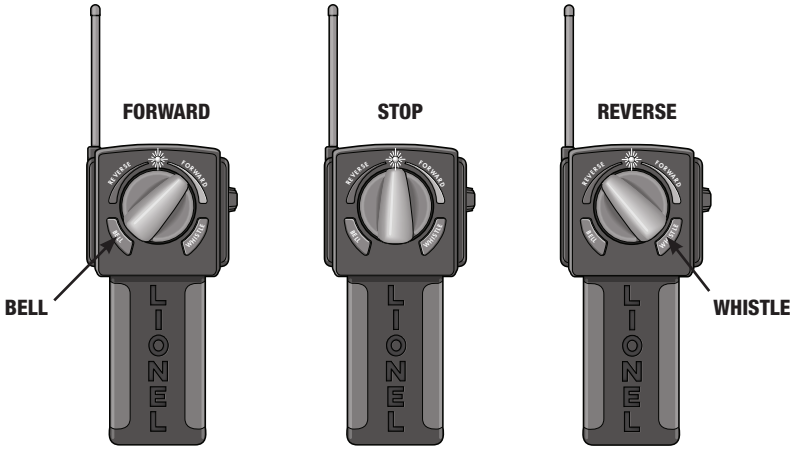


Figure 8. Operating your 2 button Wireless Controller

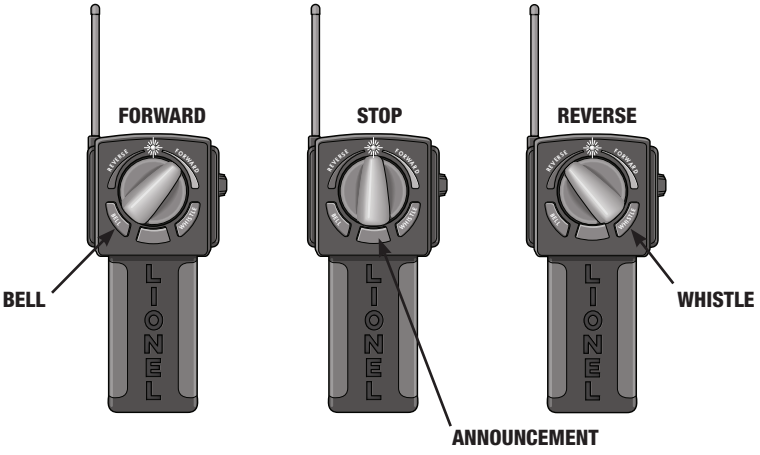


Figure 9. Operating your *3 Button* Wireless Controller

Operating your train

Power activation button on the engine

Press the grey Power Activation button located on top of the boiler just in front of the cab area of the engine. The light in the front of the engine and stationary sounds will come on to indicate the train is operational. See Figure 10.

Note! **The engine power automatically turns off if not used after 10 minutes. When the engine automatically times out into the off mode the light and stationary sounds shut off.**

Just press the start button again to continue to play. Pressing the start button again will not shut the train off. You can either let it time out for 10 minutes or if required, disconnect the power cord from the back of the engine. Note the engine was designed to use the auto shut off to turn the engine off. Very little power is used during the time out period if Wireless Controller is not activating any operations. The stationary sounds and light will continue during this time out period until the engine shuts off at the end of the ten minutes.

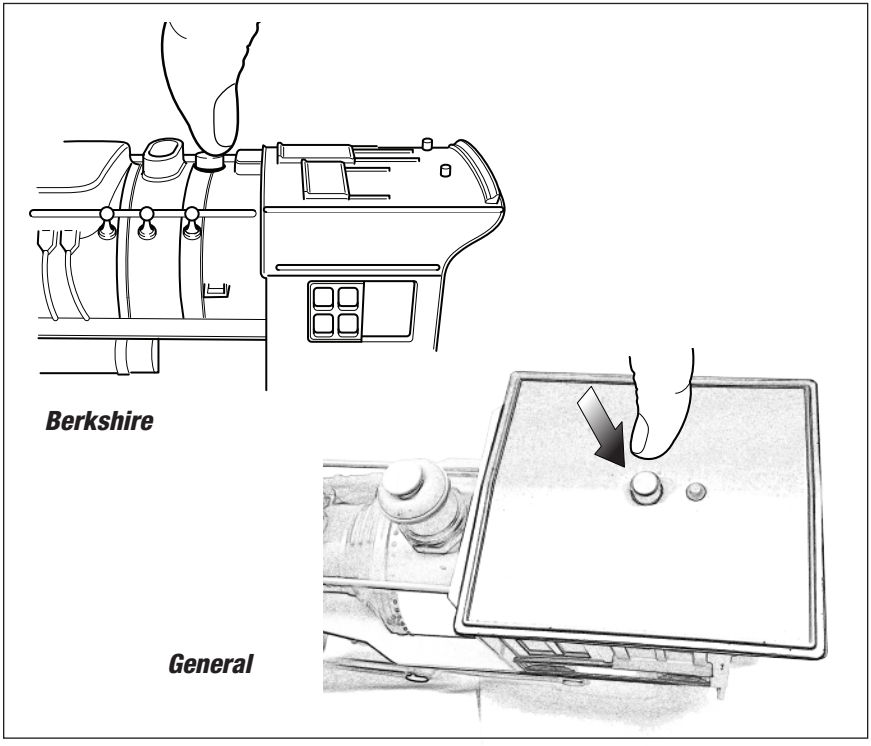


Figure 10. Power Activation Button

IMPORTANT : BATTERY INFORMATION

Please retain this information for future reference.
Batteries should be replaced by an adult.



CAUTION:

- **Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickle-cadmium) batteries.**
- **Do not mix old and new batteries.**
- **Only batteries of the same or equivalent type as recommended are to be used.**
- **Batteries are to be inserted with correct polarity.**
- **Exhausted batteries are to be removed for the product.**
- **The supply terminals are not to be short-circuited.**
- **Dispose of battery(ies) safely.**
- **Do not dispose of this product in a fire. The batteries inside may explode or leak.**

Cleaning the track

It is very important to keep the track and wheels free from dirt and grease. Wipe them with a soft cloth whenever they get dirty. This will help the engine run more efficiently.

Maintenance and operations

Troubleshooting

Train will not run and engine light is not on.

1. Check if engine automatically timed out and shut off by pressing the engine's Power Activation button (see page 11).
2. Check that the wire connecting the engine and coal tender is securely in its socket (see page 9). After checking this connection press the Power Activation button (see page 11).
3. After checking the above and if the light is still not on replace the 6 'C' batteries in the tender. Be sure the batteries are oriented as indicated in the battery compartment (see page 8). After replacing batteries press the Power Activation Button (see page 11).

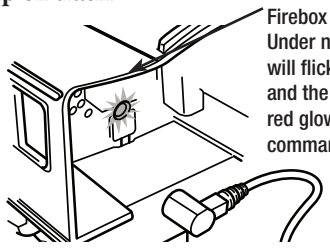
Train will not run but engine headlight and sounds are on.

1. Check to make sure the Wireless Controller power switch is in the On position. This will be indicated by the red LED being illuminated.
2. Try moving the controller closer to the engine. Although designed for an optimal range of 10 feet the signal can be weakened by a metal object or other interference.
3. Be sure the controller is not lying flat on floor and it's antenna is positioned above the level of the train.
4. Replace the 2 AA batteries in the controller (see page 7). Be sure the batteries are oriented as indicated in the battery compartment.

Train will not run and firebox red light is flickering.

1. Check to see if your wireless remote's power light is on. Give the train a new command such as the whistle button. If the lamp remains flickering and the whistle will not sound, either your engine or remote need repair. If the firebox lamp changes to a steady red glow and the whistle does not sound, your engine needs repair. Please contact Lionel service. See page 16.

Train runs but wheels slip on track.



Firebox flickering red light.
Under normal conditions the firebox light will flicker realistically as the train runs, and the flicker will change to a constant red glow when you give your train a new command.

1. Check top of track rails and rubberized drive wheels for dirt or grease. Clean with a soft dry or slightly dampened cloth.
2. Check to see that all wheels of both engine, tender and cars are located properly on the track.

QUESTIONS?

Consumer Assistance:

586-949-4100 option 2

This product is covered by a ONE year limited warranty effective from the date of purchase against defects in materials and workmanship.

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