CAUTION- ELECTRIC TOY
NOT RECOMMENDED FOR CHILDREN UNDER EIGHT YEARS OF AGE. AS WITH ALL ELECTRIC PRODUCTS, PRECAUTIONS SHOULD BE OBSERVED DURING HANDLING AND USE TO REDUCE THE RISK OF ELECTRIC SHOCK.

Village Trolley Co.™
electric trolley set
Congratulations!

You’ve just given the citizens of your miniature village the dependable transportation they deserve— the Lionel Village Trolley Co. set.

The smooth-running Lionel trolley glides through the streets of your village on rugged Lionel O-27 track. There’s enough track to make a good-sized oval, or use your imagination (and the two end-of-the-line bumpers) to create a route all your own. And whenever the trolley touches one of those bumpers, it automatically reverses direction without skipping a beat!

It’s easy to operate. Simply follow these instructions. Your village will enjoy dependable Lionel trolley service in a matter of minutes. And have fun!

Everything you need is here

- The power supply. Connect it to the Lionel track lockon, plug it into the wall, and your trolley is ready to run.
- The Village Trolley. It runs on AC or DC and features bumper-activated automatic reversing, interior illumination, and headlights.
- The Lionel lockon and wire. Install the lockon to your track, connect two wires, and your trolley has all the power it needs.
- Lionel O-27 track. Its low profile and tight curvature can go just about anywhere around your village. Eight curved and four straight track sections are included.
Create your track design

Your Village Trolley Co. set comes with enough Lionel O-27 track to make a good-sized oval or a winding "point-to-point" (bumper to bumper) single-track line.

Assembling Lionel O-27 track is easy. Each section has two ends: one fitted with track pins and the other without. As you might expect, the pins of one section fit into the open end of the next. Grasp one section of track in each hand. Firmly push the two sections together until the gap between them is minimal. The tighter the fit, the better your trolley will run.

Your set includes eight curved and four straight sections. The classic oval is a popular track design; simply connect the four curved sections into a semicircle, add the straights to either end, and finish with another.

If your village has winding streets, a twisting, turning point-to-point track design may be just the thing. Use your imagination. If track pins need to be moved from one end of a section to another, use a pair of pliers to gently remove and relocate them.

At the end of your winding path, place the Lionel track bumpers. These end-of-line markers not only signal when the track runs out, they’re also key to your trolley’s automatic direction reverse feature. When the trolley’s front bumper touches a track bumper, the trolley automatically reverses direction and heads out the other way. Snap the plastic bumpers into position; the bumpers legs click when properly fitted between the outside rails.
**Connect power to the track**

Your trolley runs on either alternating or direct current (AC or DC). Please read the following for your set may contain one of these transformers.

Connecting the power pack to the track is easy. Start with the two wires either included within the transformer or separately and the Lionel track lockon. Uncoil the wires and connect one end of each to a lockon terminal. Depress the lockon terminal clip, insert the wire's exposed end through the pathway, then release the clip. The tension will retain the wire.

**1.** Hook lip to the outside of the rail

**2.** Snap spring contact to the middle rail

Next, connect the Lionel track lockon to your O-27 track. Holding the lockon in your hand, slide its “lip” underneath the outside rail of any track section (curved or straight) near your power pack. Then pivot the lockon upward until the lockon’s spring-clip end snap-fits around the center rail of the track. The lockon is installed correctly when it has a snug fit to the track.

- With the 1.8 Amp controller (6-32923), simply connect the two wires from your lock-on to the controller terminals. This is further explained in the instructions provided with the controller (673-2923-250).

- With the 1.4 Amp controller (6-11736), simply plug your power pack into the back of the controller and the other end into a standard wall outlet (110 volts AC, 60 cycles).

**NOTE:** Sound not available with trolley.

Now the Lionel Village Trolley Co. is ready for business in your town!
Run your Village Trolley Co. trolley

Now for some fun. To run your trolley, extend the power pack control dial handle until it snaps into position. Power flows to your trolley when you turn the control dial either left or right.

Turn the control dial until the trolley achieves your desired speed. Increase speed by turning the control dial clockwise; decrease by moving toward Off. Want to stop? Set the dial to Off.

If your track design is an oval, your trolley will run in one direction only. During operation, the trolley’s interior and forward-direction headlight illuminate. Dim the room lights and enjoy the atmosphere as the trolley glides through your model village.

Have fun by reversing the trolley’s direction. It’s easy—just touch the trolley’s pressure-sensitive front bumper. The electronic direction controller inside senses the command and reverses the trolley’s direction.

If you’ve created a point-to-point track design, your trolley will automatically reverse direction each time it contacts a track bumper. You can even add track bumpers to an oval; just place them back to back anywhere on the loop. When you want single-direction operation, just remove the bumpers.

Your trolley may occasionally stand still. The reason: its electronic direction controller is “in between” directions. Touch one of the trolley’s bumpers to solve the problem.

When you’re finished running your trolley, unplug the power pack from its outlet. Though turning the control dial to Off eliminates output, the best way to ensure a true Off is to unplug the power pack.
Maintaining your trolley

Your Village Trolley Co. set is designed to provide you with years of reliable, trouble-free operation. Because of its advanced design, your trolley requires only minimal periodic maintenance.

Most important is lubrication. After several hours of operation, your trolley will need a small amount of lubrication. We recommend the oil contained in the Lionel Maintenance Kit (no. 6-62927). Place one drop only at the locations indicated.

In addition to oil, your trolley’s main drive gear will require a periodic greasing. Using the tube of Lionel grease, carefully apply a very small amount of grease on the main drive gear, located directly underneath the center third-rail pickup. Be careful to avoid getting oil or grease on the wheels, third-rail pickup, or plastic components.

Finally, keep your track in top shape with Lionel track-cleaning fluid, also found in the Lionel Maintenance Kit. Place a small amount of fluid on a clean, soft rag and wipe your track clean. Try to clean the track after every 10 hours of operation to ensure superior performance from your Lionel trolley set.

Notes on the power pack

Your Underwriters Laboratories-listed power pack is equipped with a built-in circuit breaker. If your trolley derails— or if a metallic object falls across the track and causes a short circuit— the pack’s breaker will trip. Reposition the trolley— or remove the object from the track— and the pack will automatically restore power to the track. Do your best to correct short-circuits in a timely fashion.

And remember to always unplug the power pack whenever you’re finished running your Village Trolley Co. set.
Replacing the trolley’s lamp

Your trolley is illuminated by a single 12-volt lamp. During the course of normal operation, the lamp may require replacement. Do so by turning the trolley upside down. On the trolley’s frame, on opposite ends of the drive assembly, are two recessed pathways. Within each pathway is a small retaining screw. Using a Phillips screwdriver, remove the screws. The trolley’s roof will release. Set it aside.

Inside the trolley you’ll find the 12-volt lamp. Remove the expired lamp by lifting it directly up until it releases. Replace it with Lionel part no. 600-8352-311, available from your local Authorized Lionel Service Center. Reposition the roof and reinstall the trolley’s two roof retaining screws.

If you prefer to have your trolley’s lamps replaced by a Lionel service person, simply bring your Lionel trolley and its warranty card to any Authorized Lionel Service Center for fast, friendly, helpful service.

Lionel Service

Your trolley car is built with pride by Lionel and carries a warranty to support continued reliable operation. If service is required, bring it and its warranty card to your local Authorized Lionel Service Center. To find the nearest dealer or Service Center, simply call 1-800-4-LIONEL.

If you prefer a Lionel factory repair, call 810-949-4100, fax 810-949-5429, or write Lionel Service, P.O. Box 748, New Baltimore, MI 48047-0748. State the problem and the product’s purchase date. We’ll send a return authorization letter to assure proper handling while at Lionel. You may choose to have your product repaired by Lionel Service after its warranty has expired. A reasonable service fee will be charged.

CAUTION: Make sure your product is properly packed to prevent shipping damage. The shipment must be prepaid and we recommend it be insured.

Please follow the instructions carefully. This warranty gives you specific legal rights. You may have other rights that vary from state to state.