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> [Lionel 62900 O & O27 Gauge Track Power LockKon Instruction Manual](#)

Lionel 6-62900

Lionel 62900 O & O27 Gauge Track Power LockKon

Model: 6-62900

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1. INTRODUCTION

The Lionel 62900 O & O27 Gauge Track Power LockKon is an essential accessory designed to provide reliable electrical power connection to your Lionel O and O27 gauge tubular model train tracks. This device ensures consistent power delivery for smooth train operation and accessory functionality. It is engineered for ease of use and durability, making it suitable for both new and experienced model train enthusiasts.





Figure 1.1: The Lionel 62900 O & O27 Gauge Track Power LockKon. This image displays the compact black plastic unit with two metal clips designed to attach to the track rails and two terminals for connecting power wires from a transformer.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using the Lionel 62900 Power LockKon. Failure to follow these instructions may result in electric shock, fire, or damage to the product or other equipment.

- **Adult Supervision:** This product is recommended for users aged 12 years and up. Adult supervision is advised for younger users.
- **Power Source:** Always connect the LockKon to a compatible model train transformer or power supply. Ensure the power supply is turned off before making any connections.
- **Indoor Use Only:** This product is designed for indoor use in dry environments. Do not expose to water or excessive humidity.
- **Track Compatibility:** Use only with O and O27 gauge tubular track systems. This LockKon is **not compatible** with FasTrack systems.
- **Wiring:** Ensure all wiring connections are secure and properly insulated to prevent short circuits.
- **Inspection:** Periodically inspect the LockKon and wiring for any signs of damage or wear. Discontinue use if damage is found.

3. SETUP INSTRUCTIONS

3.1. Unpacking

Carefully remove the Lionel 62900 Power LockKon from its packaging. Inspect the unit for any visible

damage that may have occurred during shipping. If any damage is observed, do not proceed with installation and contact customer support.

3.2. Connecting the LockKon to Track

The Power LockKon is designed for easy attachment to Lionel O and O27 gauge tubular track sections. Follow these steps for proper connection:

1. **Select Track Section:** Choose a straight or curved section of O or O27 tubular track where you wish to supply power. Ensure the track is clean and free of debris.
2. **Position LockKon:** Place the LockKon on the track so that its metal clips align with the outer and center rails of the track.
3. **Attach Clips:** Gently press down on the LockKon until the metal clips firmly grip the rails. Ensure a secure connection to both the outer and center rails. The clips should snap into place, providing a stable electrical contact.
4. **Verify Connection:** Wiggle the LockKon gently to ensure it is securely attached and does not easily detach from the track.



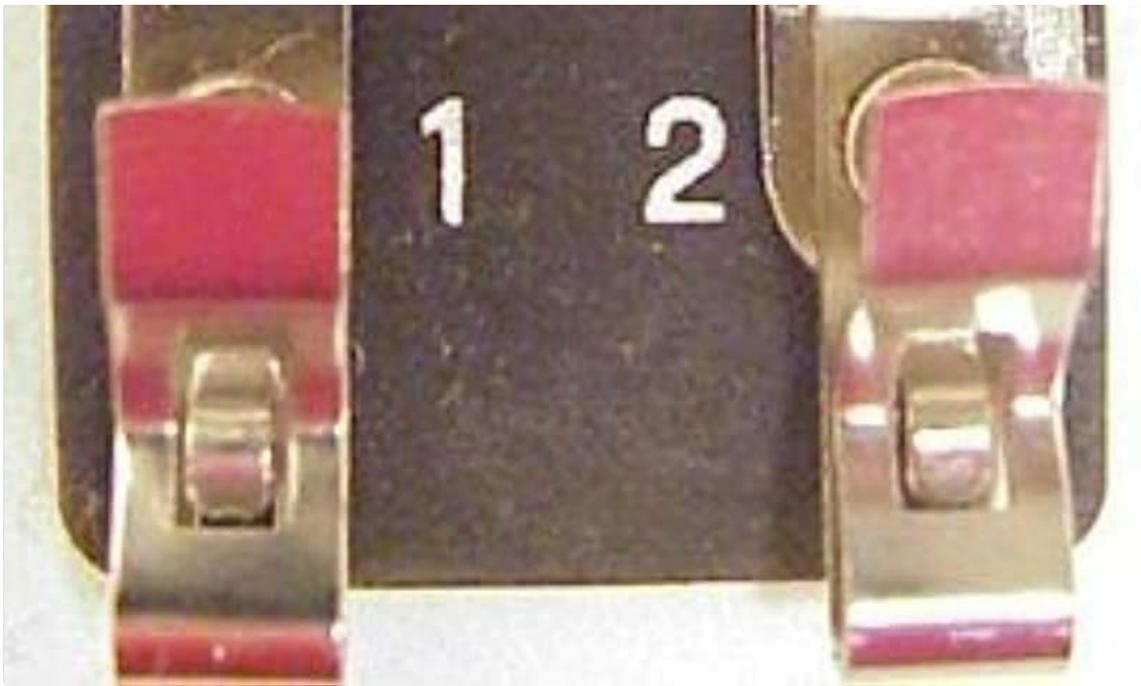


Figure 3.1: The Lionel 62900 LockKon showing its metal clips designed to connect to the outer and center rails of O or O27 gauge tubular track. The two screw terminals on the unit are for connecting wires from the transformer.

3.3. Connecting to Power Source

Once the LockKon is securely attached to the track, connect it to your model train transformer or power supply:

1. **Turn Off Power:** Ensure your transformer or power supply is turned off and unplugged from the wall outlet.
2. **Identify Terminals:** The LockKon has two screw terminals. These correspond to the common (ground) and hot (power) outputs of your transformer. Refer to your transformer's manual for specific wiring instructions.
3. **Connect Wires:** Strip a small amount of insulation (approximately 1/4 inch) from the ends of your power wires. Loosen the screws on the LockKon terminals, insert the bare wire ends, and tighten the screws firmly to secure the connection.
4. **Verify Wiring:** Double-check that the wires are correctly connected to the appropriate terminals on both the LockKon and the transformer. Ensure no stray wire strands are causing a short circuit.

4. OPERATING INSTRUCTIONS

With the LockKon properly installed and connected to your power source and track, you are ready to operate your model train layout.

4.1. Powering the Track

The Lionel 62900 Power LockKon acts as a conduit for electrical current from your transformer to the track rails. Once the transformer is turned on, power will flow through the LockKon to the track, enabling your locomotive and other track-powered accessories to function.

4.2. Basic Operation

1. **Turn On Transformer:** Plug in and turn on your model train transformer.
2. **Control Train:** Use the controls on your transformer to adjust the speed and direction of your locomotive.
3. **Monitor Performance:** Observe your train's operation. If there are any interruptions in power or erratic behavior, refer to the Troubleshooting section.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and reliable performance of your Lionel 62900 Power LockKon.

- **Cleaning:** Periodically wipe the LockKon with a dry, soft cloth to remove dust and grime. Do not use liquid cleaners or solvents.
- **Connection Check:** Regularly inspect the metal clips for corrosion or bending. Ensure they maintain a tight grip on the track rails. Clean track rails as needed to ensure good electrical contact.
- **Wiring Inspection:** Check the power wires connected to the LockKon for fraying, cuts, or loose connections. Re-tighten screw terminals if necessary.
- **Storage:** When not in use for extended periods, store the LockKon in a dry, cool place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your Lionel 62900 Power LockKon, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
No power to track	Transformer off or unplugged	Ensure transformer is plugged in and turned on.
No power to track	Loose wire connections	Check and tighten all wire connections at the LockKon and transformer.
No power to track	LockKon not securely attached to track	Ensure metal clips are firmly gripping the track rails.
No power to track	Dirty or corroded track rails	Clean track rails with a track cleaning tool or cloth.
Intermittent power	Loose LockKon or wiring	Re-secure LockKon to track and check wire connections.
Locomotive not running smoothly	Insufficient power or track issues	Verify transformer output, check for track shorts, and ensure clean track.

7. SPECIFICATIONS

Key technical details for the Lionel 62900 Power LockKon:

Feature	Detail
Brand	Lionel
Model Number	6-62900
Compatibility	O Gauge and O27 Gauge Tubular Track Systems (Not compatible with FasTrack)
Power Source	Electricity (via compatible model train transformer)
Material	Plastic, Metal

Feature	Detail
Item Dimensions (L x W x H)	2.1 x 1.1 x 0.5 inches (approximately)
Item Weight	9.07 grams (approximately)
Recommended Age	12 Years & Up
Indoor/Outdoor Use	Indoor Use Only

8. WARRANTY INFORMATION

Lionel products are manufactured to high-quality standards. For specific warranty details, including coverage period and terms, please refer to the warranty documentation included with your purchase or visit the official Lionel website. Keep your proof of purchase for any warranty claims.

9. CUSTOMER SUPPORT

If you have any questions, require assistance with setup, or need troubleshooting beyond what is covered in this manual, please contact Lionel customer support. You can typically find contact information on the official Lionel website or within your product packaging.

Online Resources: For additional information, FAQs, and product updates, visit the [Lionel Brand Store](#).