

## Lionel 6-12073

# Lionel FasTrack 1-3/8 Inch Straight Track Section (Model 6-12073) Instruction Manual

## 1. PRODUCT OVERVIEW

The Lionel FasTrack 1-3/8 inch Straight Track Section (Model 6-12073) is an essential component for expanding and customizing your Lionel FasTrack model train layout. This track section is designed to offer greater flexibility in layout design, allowing for precise adjustments and gap filling. It features a robust, snap-together locking mechanism for secure and reliable connections, along with a patented center half-pin that enables track orientation in either direction without the need for manual pin adjustments. This design ensures flawless performance and seamless integration into your existing FasTrack system.

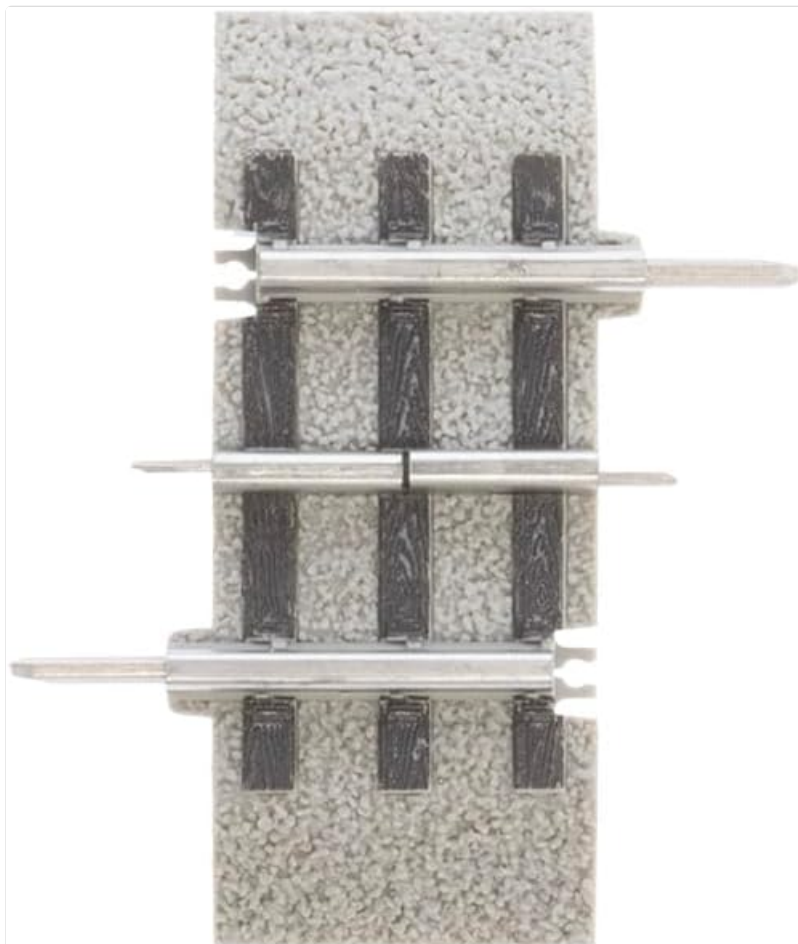


Figure 1: Top-down view of the Lionel FasTrack 1-3/8 inch straight track section, showing its compact design and integrated roadbed.

## 2. SETUP AND CONNECTION

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Proper connection of the track sections is crucial for stable operation and electrical continuity.

1. **Prepare Surface:** Ensure the surface where the track will be laid is flat, clean, and stable to prevent uneven connections or track movement.
2. **Align Sections:** Take the 1-3/8 inch straight track section and align its male connector pins with the female receptacles of an adjacent FasTrack section.
3. **Secure Connection:** Press the two track sections firmly together until you hear an audible click. This indicates that the snap-together locking mechanism has engaged, creating a secure physical and electrical connection. The patented center half-pin allows for flexible orientation, meaning you do not need to re-position pins when connecting sections.
4. **Verify Connection:** Gently tug on the connected sections to ensure they are firmly joined and do not easily separate.



Figure 2: Angled front view of the track section, illustrating the male connector pins ready for connection.

## 3. OPERATION

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Once properly connected, the 1-3/8 inch straight track section functions as an integral part of your Lionel FasTrack layout. It provides a continuous pathway for your model trains and ensures consistent electrical power delivery to the locomotive and accessories.

- **Electrical Continuity:** The metal rails and secure connections facilitate the flow of electricity from your power supply to the entire track system.
- **Smooth Movement:** The precisely engineered track surface allows for smooth and stable movement of model trains across the section.

## 4. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your track sections.

- **Cleaning Rails:** Periodically inspect the metal rails for dust, dirt, or oxidation. Use a soft, lint-free cloth to wipe the rail surfaces. For stubborn grime, a specialized model train track cleaning fluid can be applied sparingly to the cloth, then wiped onto the rails. Avoid using abrasive materials or household cleaners, as these can damage the track.
- **Inspect Connections:** Check the male connector pins and female receptacles for any signs of bending, corrosion, or damage. Straighten any slightly bent pins carefully with small pliers if necessary.
- **Storage:** When not in use, store track sections in a clean, dry environment away from direct sunlight and extreme temperatures to prevent warping or material degradation.



Figure 3: Side view of the track section, illustrating the rail surface that requires regular cleaning.

## 5. TROUBLESHOOTING

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If you encounter issues with your track section, consider the following troubleshooting steps:

- **Intermittent Power:** If your train loses power or runs inconsistently over the 1-3/8 inch section, first ensure all track connections are fully engaged and secure. A loose connection is a common cause of power interruptions.
- **Derailments:** Check that the track section is lying perfectly flat and is not warped. Ensure that the connections to adjacent track pieces are smooth and level, without any noticeable bumps or gaps that could cause a train to derail.
- **No Power:** Verify that the track rails are clean and free of debris or oxidation, which can block electrical current. Also, inspect the connecting pins for damage that might prevent proper electrical contact.
- **Physical Damage:** If the track section appears physically damaged (e.g., cracked roadbed, bent rails), it may need to be replaced to ensure safe and reliable operation.

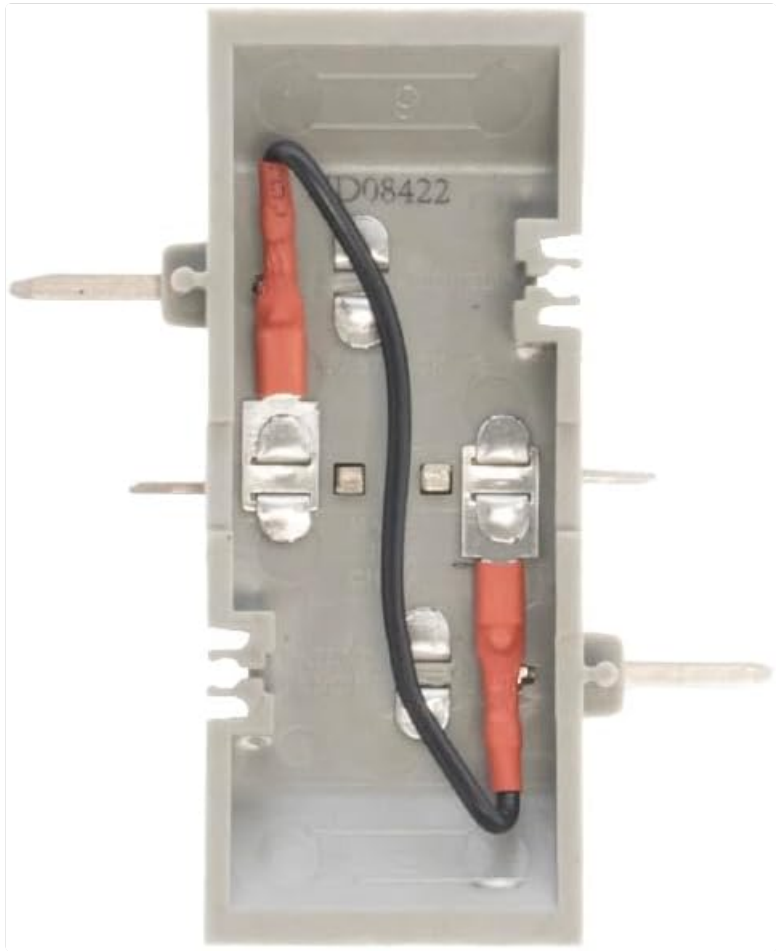


Figure 4: Bottom view of the track section, showing the internal wiring and connection pins critical for electrical continuity.

## 6. SPECIFICATIONS

Feature	Detail
Model Number	6-12073
Product Dimensions	1.38 x 3.5 x 1 inches
Item Weight	0.96 ounces
Manufacturer	Lionel
Recommended Age	14 years and up
Release Date	August 11, 2009

## 7. WARRANTY AND SUPPORT

For detailed warranty information, product registration, or technical assistance, please refer to the official Lionel website or contact Lionel customer service directly. Additional resources and products can be found by visiting the [Lionel Store on Amazon](#).

