

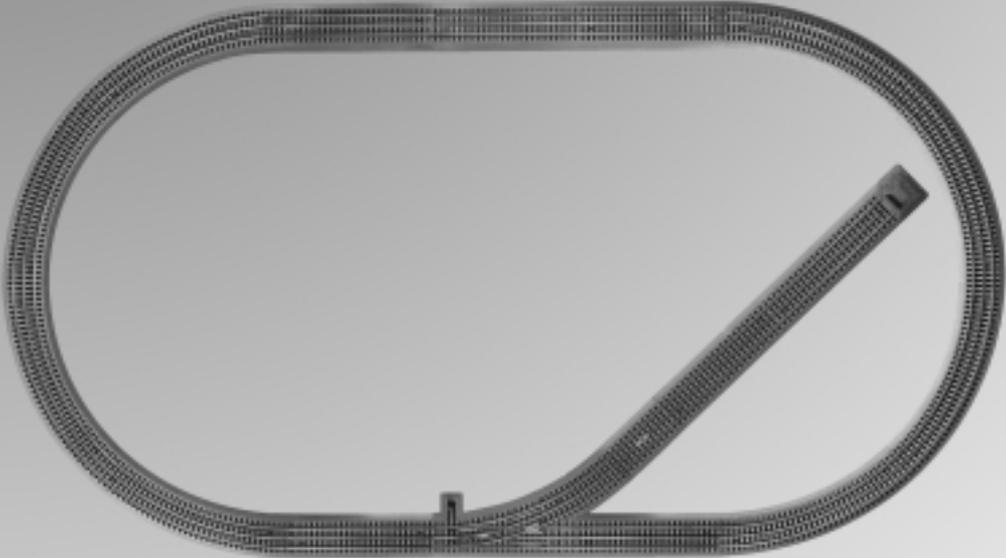
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FaSTrack®



**Siding Track
Add-on Track Pack
Owner's Manual**

Congratulations!

Congratulations on your purchase of the Lionel FasTrack Siding Track Add-on Track Pack! This track pack is the perfect addition to your train set loop, or you may purchase four straight and eight curved sections separately from an authorized Lionel dealer.

Siding Track Inventory

10" straight section	3
Left-hand manual switch	1
Quarter curve	1
Uncoupling track	1
Earthen bumper	1

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Creating a Siding Track layout

Use the track sections from the track pack and eight curve sections, three straight sections, and one terminal section (available separately and included in ready-to-run train sets) to create a Siding Track layout. Refer to Figure 1 below as you assemble the track sections.

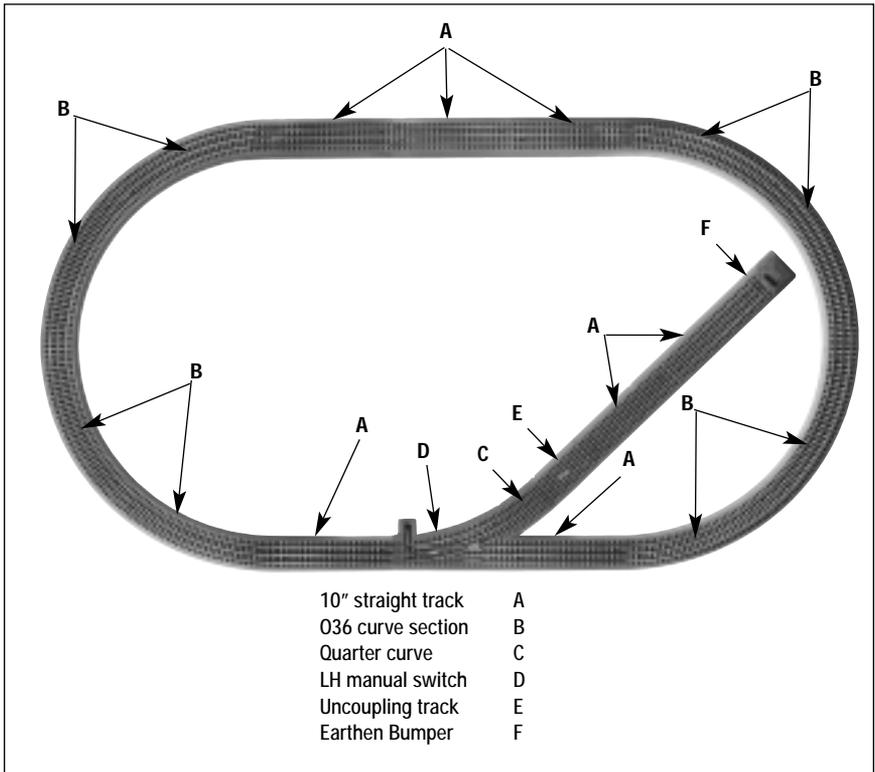


Figure 1. Siding Track layout

Joining the FasTrack track sections

FasTrack track sections join together easily. With interlocking roadbed sections and large rail tabs, the track fits together securely so you always get good electrical contact. Take a look at Figure 2 to see how to join the track sections.

1. Line up your two sections of track.
2. Insert the rail tabs into the openings at the ends of the corresponding rails.
3. Press the sections together until the interlocking roadbed snaps into place.

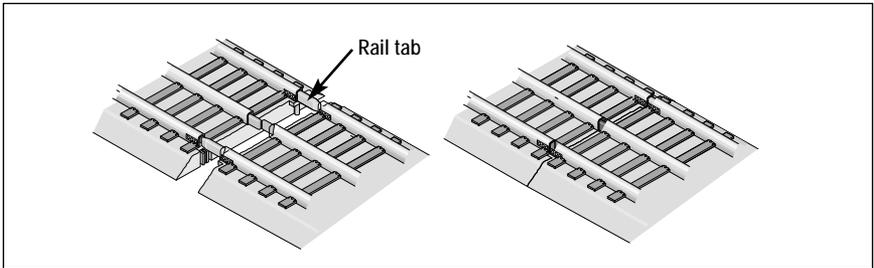


Figure 2. Joining the track sections

Throwing the switch

As illustrated in Figure 3, rotate the top of the switch stand to throw the switch. The switch is equipped with a non-derailing feature. The train's wheels automatically throw the "points," or the moving rails, to the proper position when the train travels toward the converging track. If you experience difficulties, simply throw the switch into the correct position for the train to travel using the switch stand controls.

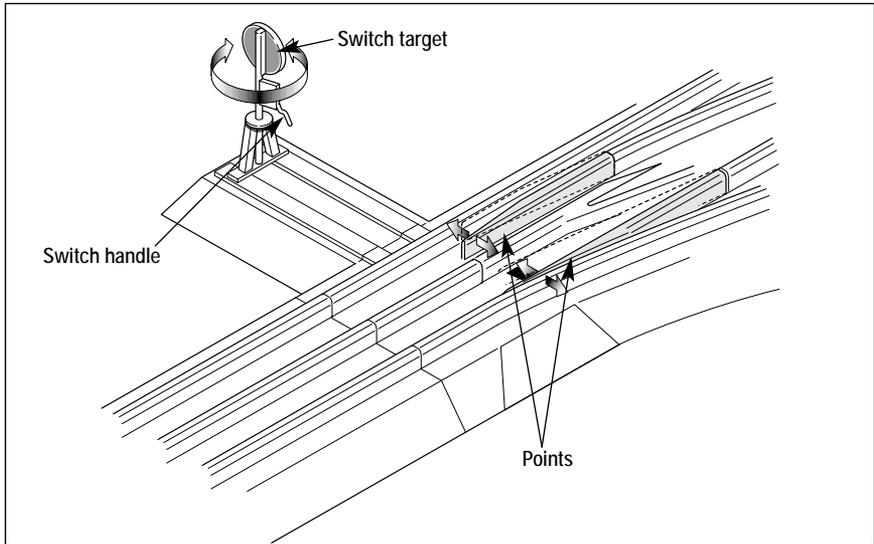


Figure 3. Throwing the switch

Changing the switch stand location

You may choose to position the switch stand either inside or outside the loop of track. Follow these steps and refer to Figure 4 to change the location of the switch stand.

1. Remove the two screws that secure the small roadbed section to the switch and lift away the roadbed section.
 2. Place the “points,” or moving rails, in the proper position to make removing the switch stand roadbed section easier.
 - If the switch stand is being removed from the curved side, the blades should be set to the through/straight position.
 - If the switch stand is being removed from the straight side, the blades should be set to the out/curve position.
 3. Remove the two screws that secure the switch stand roadbed section to the switch. Please note that these screws are located towards the inside edge of the switch stand roadbed section. Lift away the switch stand roadbed section being careful to prevent the switch target and handle from rotating more than a quarter turn. (The handle and target are labeled in Figure 3 on page 5.)
 4. Slide the blades to the opposite position to access the slot at the end of the switch control arm. The blades are illustrated in Figure 3 on page 5.
 5. Install the switch stand roadbed section at its new location. The posts on the switch should be inserted into the holes on the switch stand roadbed section. The pin on the switch stand mechanism should be inserted into the slot on the switch control arm. Insert the two screws to secure the switch stand. Remove the switch target from the handle and replace in the proper direction.
- Note!** The painted target face should point toward the straight/through when the blades are set in the out/curved position.
6. Install the small roadbed section, securing it in place with the two screws.
 7. Check for proper clearance of all locomotives and rolling stock. You may choose to move the switch target from the switch stand for additional clearance.

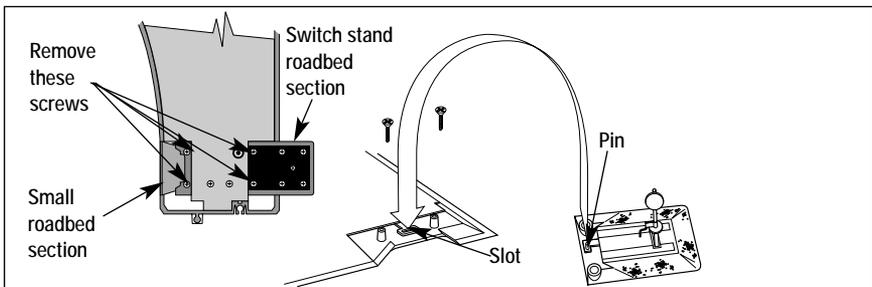


Figure 4. Switch stand installation

Operating the Uncoupling Track section

Without making any additional connections, your Uncoupling Track is powered through track power. Be sure that your throttle is set to 10-12 volts (AC) to activate the magnet.

To uncouple or operate your rolling stock, position the trigger disc over the central magnet, press the button on the controller, and the magnet will pull the trigger disc downward to release the coupler or activate the car. Refer to Figure 5.

Caution! Do not exceed ten seconds when pressing the button. Holding down the button for over ten seconds may damage the track section.

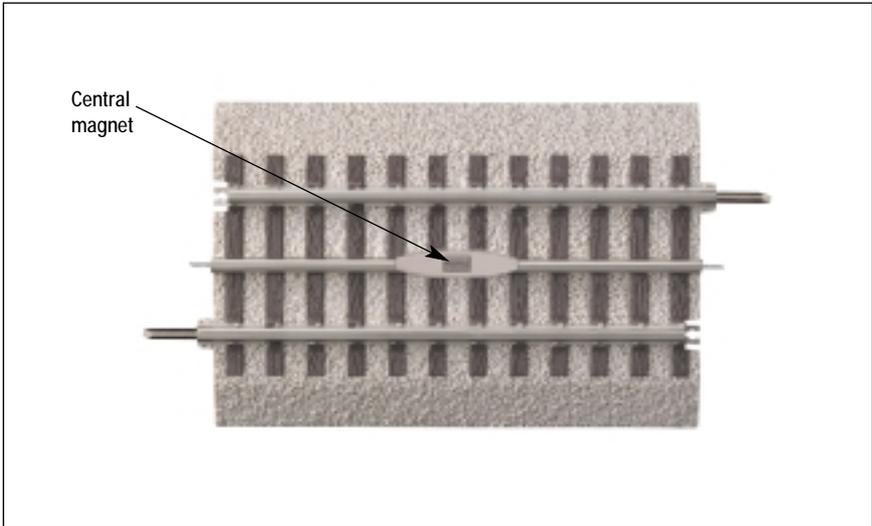


Figure 5. Central magnet

Connecting your Uncoupling Track section to an auxiliary power supply

You may choose to power your Uncoupling Track section with a separate power supply using an Accessory Power Wire with quick connectors (available separately, 6-12053). This will allow you to uncouple or operate your rolling stock with track power off. Refer to Figure 6 as you make the power supply connections.

Note! Do not use the accessory terminals on your track power supply.

1. Attach the quick connectors at the end of the Accessory Power Wire (available separately, 6-12053) to the AUX IN and AUX GND tabs on the underside of the Uncoupling Track section.
2. Connect the bare ends of the Accessory Power Wire to the Power/A and Common Ground/U terminals on your power supply.
3. Move the quick connector at the end of the controller cable from the tab labeled TRK PWR to the tab labeled AUX PWR.
4. Turn on your power supply when you are ready to operate the track section using the controller. Note that the power supply must be set at 10-12 volts.

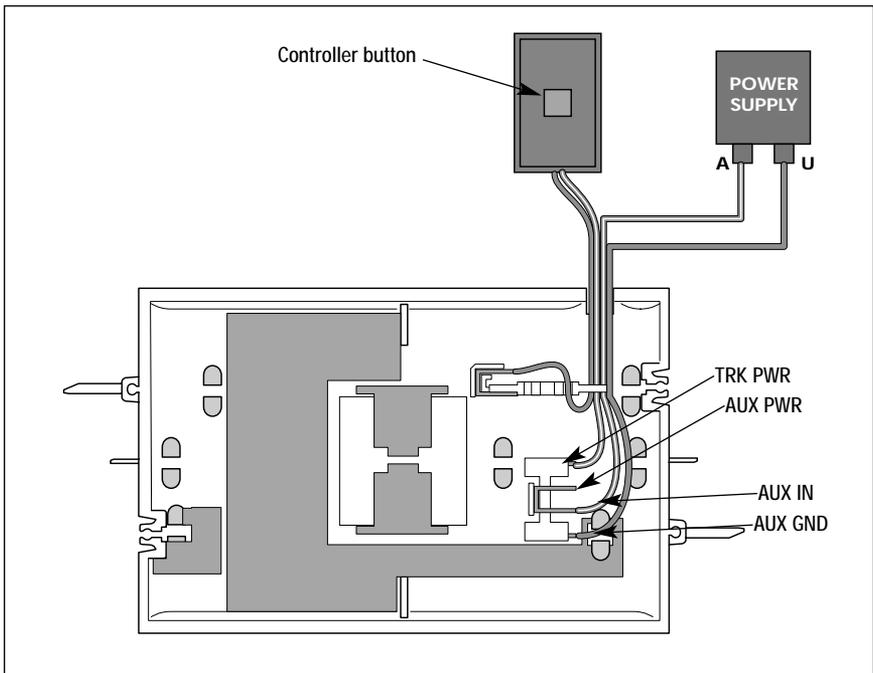


Figure 6. Power supply connections

Operating the Uncoupling Track section in the Command Control environment

For operation in the TrainMaster Command Control environment, you may choose to purchase an Operating Track Controller (available separately, 6-14185). A FasTrack Accessory Power Wire is required (available separately, 6-12053). Refer to these manuals for additional information. Refer to Figure 7 as you connect the Uncoupling Track section to the OTC.

1. Remove the controller button by sliding the quick connectors off the tabs on the underside of the track.
2. Attach a bare wire at the end of the Accessory Power Wire to a numbered position on the OTC.
3. Attach the other bare wire at the end of the Accessory Power Wire to the COMMON position on the OTC.
4. Determine the appropriate power tab connection.
 - If the Uncoupling Track section is powered through the track, slide a quick connector at the end of the Accessory Power Wire over the TPK PWR tab.
 - If the Uncoupling Track section is powered by a separate power supply, slide a quick connector at the end of the Accessory Power Wire over the AUX PWR tab.
5. Slide the remaining quick connector over the COIL tab. Use the **AUX1** button on your CAB-1 Remote Controller to operate the track section.

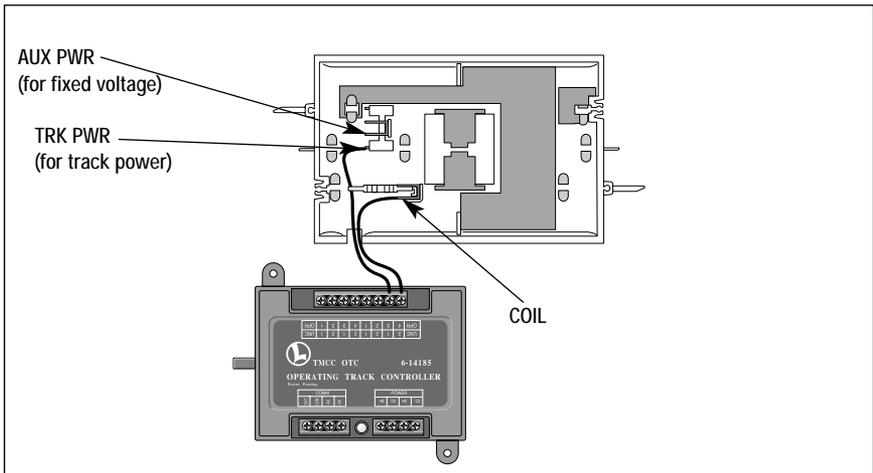


Figure 7. OTC connections

Connecting your transformer

Connecting your transformer to your FasTrack layout is very simple. If you are adding on to your train set loop or you have a FasTrack terminal section with the wires already connected, you can connect your transformer directly to the FasTrack terminal section wires. Refer to the train set or power terminal section owner's manual.

If you have purchased eight curve and four straight sections separately, we recommend that you connect your transformer to the track using an Accessory Power Wire (available separately, 6-12053). The quick connectors at the end of the Accessory Power Wire are connected to the connector tabs on the underside of the track. Slide the quick connectors over the connector tabs to make the connections. Refer to Figure 8. Connect the other end of the wire to your transformer's Power/A for the inner rail and Common/Gound/U terminals for the outer rail.

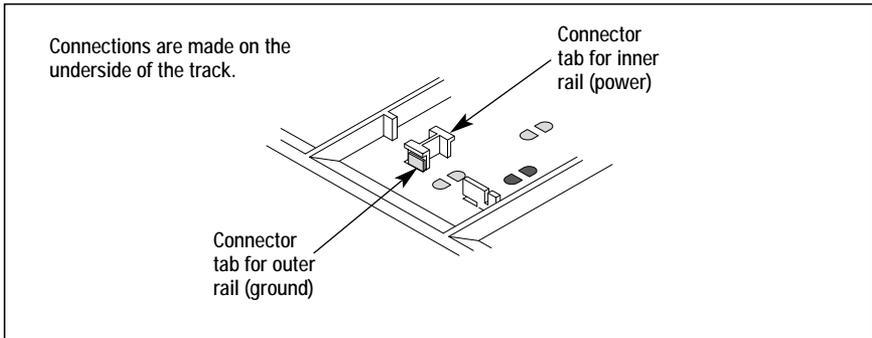


Figure 8. Connector tabs

Limited Warranty/Lionel Service

This Lionel product, including all mechanical and electrical components, moving parts, motors and structural components, except for light bulbs, is warranted to the original consumer-purchaser, for **one year** against original defects in materials or workmanship when purchased through an authorized Lionel merchant.

This warranty does NOT cover normal wear and tear, light bulbs, defects appearing in the course of commercial use, or damage resulting from abuse or misuse of the product by the purchaser. Transfer of this product by the original consumer-purchaser to another person voids this warranty. Modification of this product voids this warranty.

Any warranted product which is defective in original materials or workmanship and is delivered by the original consumer-purchaser to Lionel L.L.C. or an authorized Lionel L.L.C. Service Center, together with proof of original purchase will, at the option of Lionel L.L.C., be repaired or replaced, without charge for parts or labor. In the event the defective product cannot be repaired, and a replacement is not available, a refund of the original purchase price will be granted. Any products on which warranty service is sought must be sent freight or postage prepaid, as transportation and shipping charges are not covered by the warranty.

In no event shall Lionel L.L.C. be liable for incidental or consequential damages.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

This limited warranty gives you specific legal rights, and you may have other rights which vary from state to state.

Instructions for Obtaining Service

If service for this Lionel L.L.C. product is required, bring the item, along with your dated sales receipt and completed warranty information to the nearest Authorized Lionel Service Center. Your nearest Lionel Service Center can be found by calling 1-800-4-Lionel, or by accessing our Website at www.lionel.com.

If you prefer to send your product back to Lionel L.L.C. for repair in Michigan, you must first call 586-949-4100 or FAX 586-949-5429, or write to Customer Service, P.O. Box 748, New Baltimore, MI 48047-0748, stating what the item is, when it was purchased and what seems to be the problem. You will be sent a return authorization letter and label to ensure your merchandise will be properly handled upon receipt.

Once you have received your return authorization and label, make sure that the item is packed to prevent damage during shipping and handling. We suggest that you use the product's original packaging. This shipment must be prepaid and we recommend that it be insured.

Please make sure you have followed all of the above instructions carefully before returning any merchandise for service. You may choose to have your product repaired by one of our Authorized Lionel Service Centers after its warranty has expired. A reasonable service fee will be charged.

Warranty Information

Please complete the information below and keep it, along with your dated sales receipt. You must present this and your dated sales receipt when requesting warranty service.

Name _____

Address _____

Place of Purchase _____

Date of Purchase _____

Product Number _____

Product Description _____

