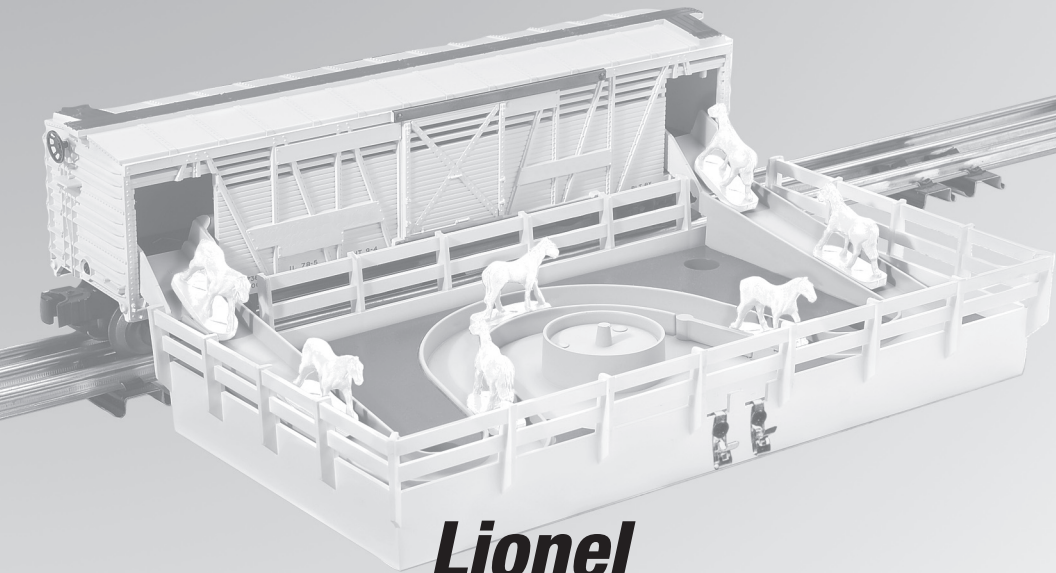


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***Lionel
Operating Horse Car
and Corral
Owner's Manual***

Congratulations!

Congratulations on your purchase of the Lionel Operating Horse Car and Corral! This animated car features horse figures that travel through the car and into the corral.

Note! The OTC Contactor (included) was designed for use with traditional O and O-27 gauge track only. For FasTrack layouts, use the 6-12054 FasTrack Operating Track Section, available separately.

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The name FasTrack® is used with permission from Pitsco, Inc.

Setting up the Corral and OTC Contactor

Follow these steps to set up the corral and OTC Contactor.

1. Be sure to install the rubber feet on the bottom of the corral. The shorter end of the feet should be exposed for O-27 gauge layouts; the taller ends should be exposed for O gauge and FasTrack layouts. As illustrated in Figure 1, use a nail or a screwdriver inserted into the holes to help you position the feet.

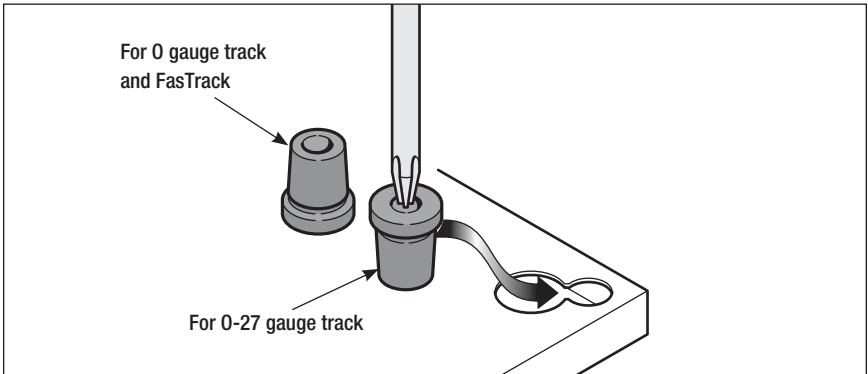


Figure 1. Installing the corral feet

Setting up the Corral and OTC Contactor (continued)

2. Position the corral on any straight length of track with a minimum of two 0 or 0-27 gauge straight track sections. Slide the rails into the slots at the ends of the locating arms. See Figure 2. The locating arms should lie flat on your layout.

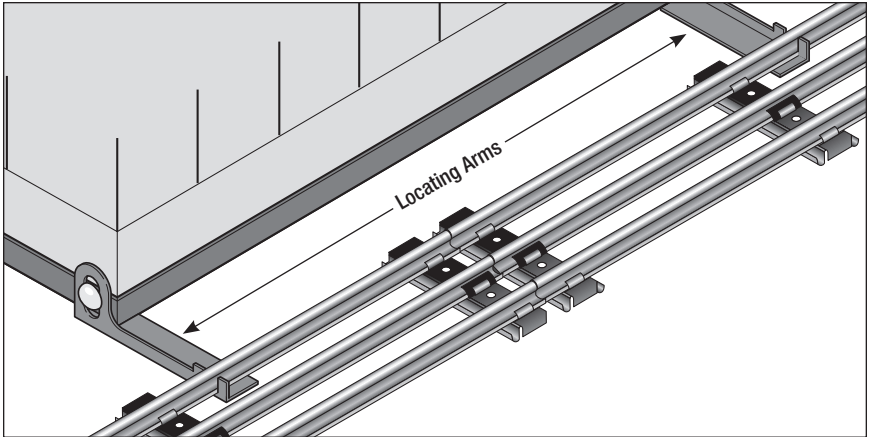


Figure 2. Positioning the track in the locating arms

Setting up the Corral and OTC Contactor (continued)

3. If you have 0 gauge track, take a moment to install the wire adapters on your OTC Contactor. These adapters will raise the control blades to the proper height. As illustrated in Figure 3, simply insert the short end of the adapter into the control blade until the long end lies flatly on top of the blade.

Note! This step is not necessary if you have 0-27 gauge track.

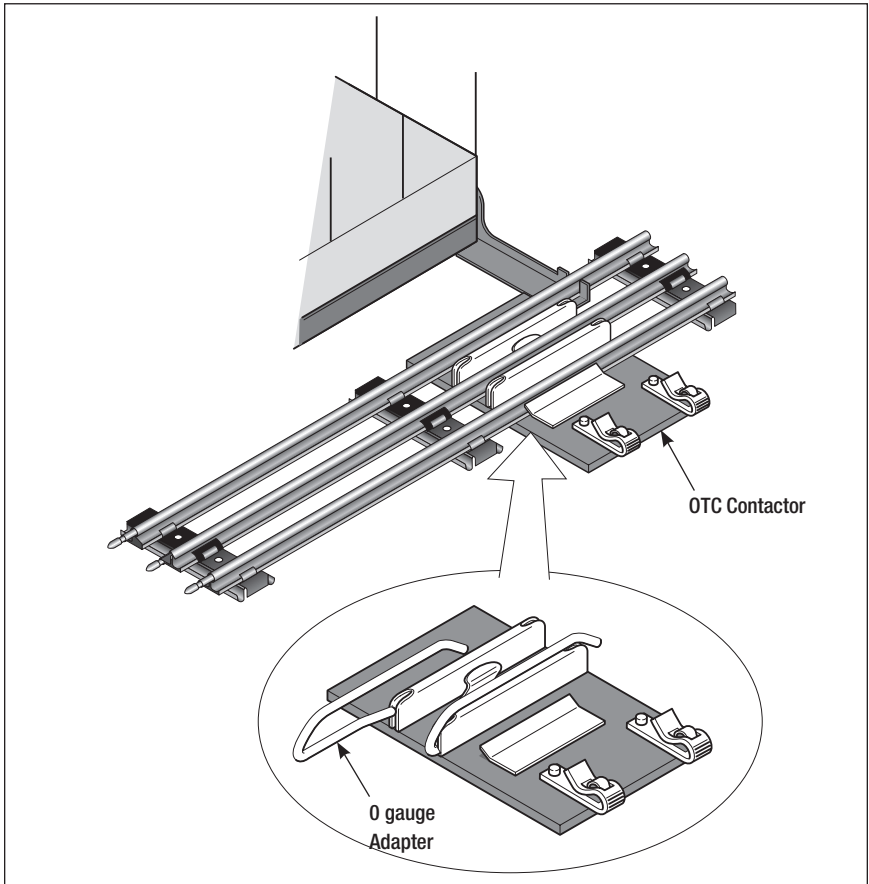


Figure 3. Attaching the wire adapter

Setting up the Corral and OTC Contactor (continued)

- Slide the OTC Contactor under the track, then snap it in place. As illustrated in Figure 4, the contactor should touch the locating arm.

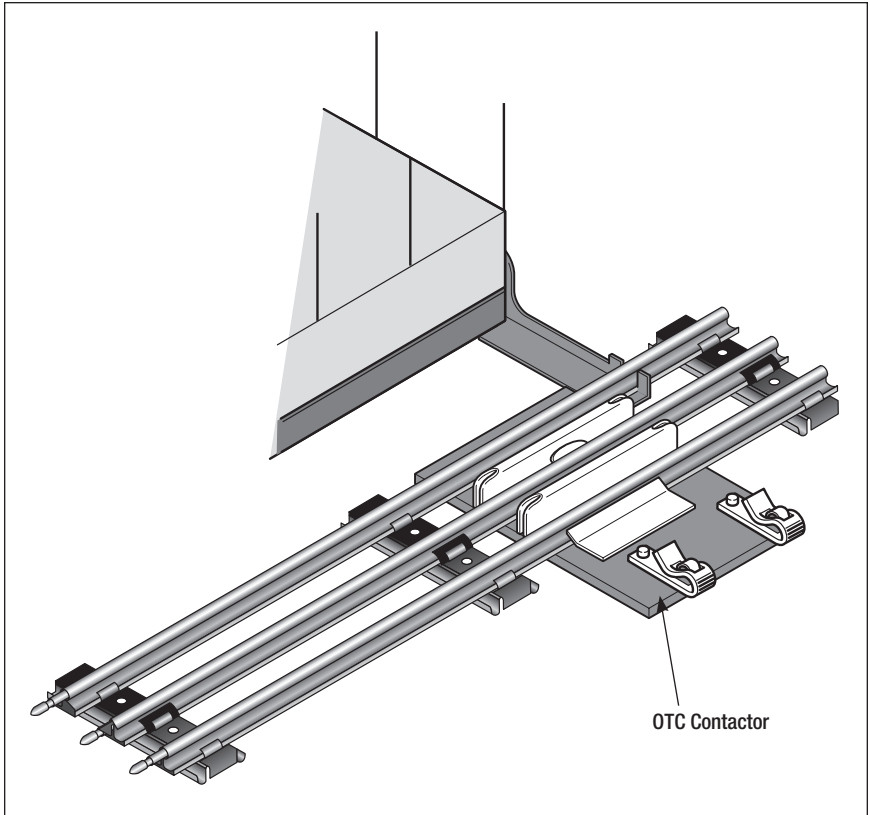


Figure 4. Installing the OTC Contactor

Wiring your corral and OTC Contactor

Your Horse Car and Corral will operate best at 11-14 volts (AC). You will need to adjust the voltage to obtain the optimum operation. Connect the corral and contactor to the transformer terminals that supply power to the track. Refer to Figure 5 as you make these connections.

The wires are attached to spring clip terminals on the corral and the contactor. To make these connections, simply press down the spring clip and insert the bare end of the wire into the exposed loop. Release the clip, and gently tug on the wire to be sure that you have a good connection.

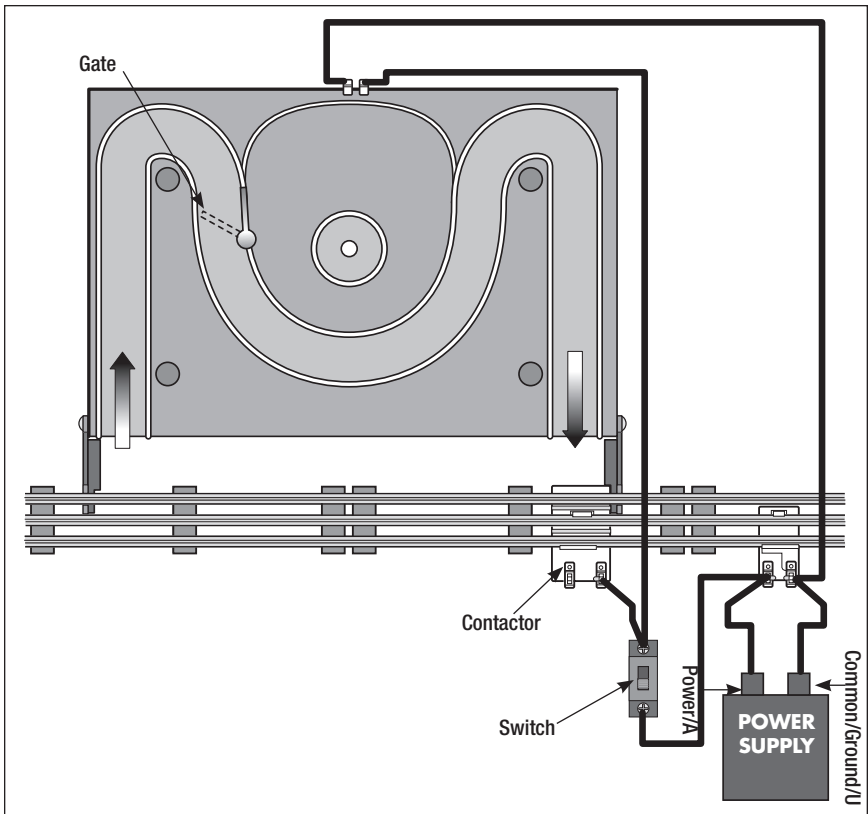


Figure 5. Power connections for O-27 and O gauge track

Setting up the Corral with the FasTrack Operating Track Section

To set up your corral with the 6-12054 FasTrack Operating Track Section (available separately) follow the steps below:

1. Remove the four colored (red, blue, green, and black) quick connector terminals from the underside of the 6-12054 FasTrack Operating Track Section as shown below. The controller is not required for this application. See Figure 7 on page 9.
2. Slide the green quick connector terminal on the end of the wire provided onto the tab marked “B” on the underside of the 6-12054 FasTrack Operating Track Section as shown in Figure 7 on page 9.
3. Place the 6-12054 FasTrack Operating Track Section on your layout between two straight track sections.
4. Position the Corral on the side of the 6-12054 FasTrack Operating track section opposite the opening in the roadbed for the wire and slide the roadbed into the slots of the two locating arms as shown in figure 6 below and in figure 7 on page 9.
5. Wire your Corral, 6-12054 FasTrack Operating Track Section, and switch to your transformer as shown in Figure 7 on page 9.

Your Horse Car and Corral will operate best at 11-14 volts AC. You will need to adjust the voltage to obtain the optimum operation.

The wires are attached to spring clip terminals on the Corral. To make these connections, simply press down on the spring clip and insert the bare end of the wire into the exposed loop. Release the clip, and gently tug on the wire to be sure that you have a good connection. See Figure 7 on page 9.

Note! With the controller removed from the 6-12054 FasTrack Operating Track Section, the uncoupling magnet will not operate.

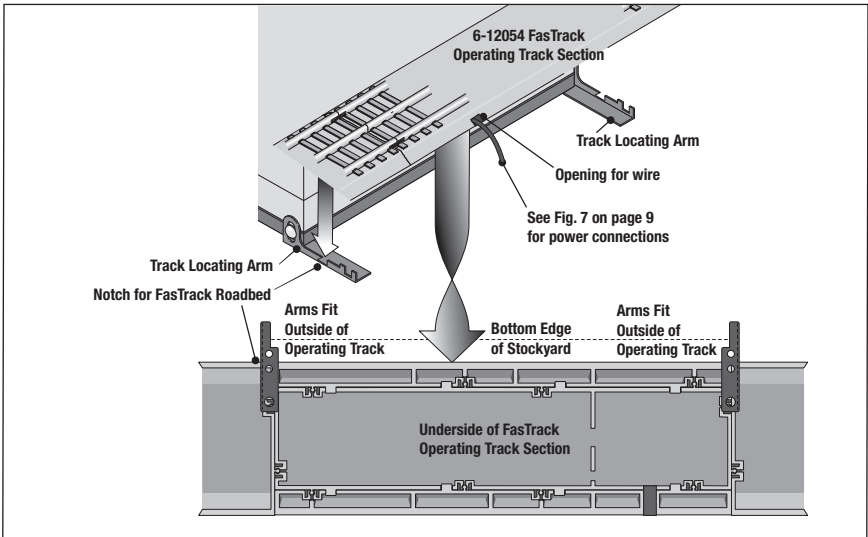
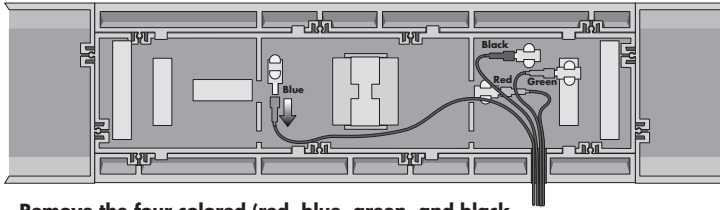
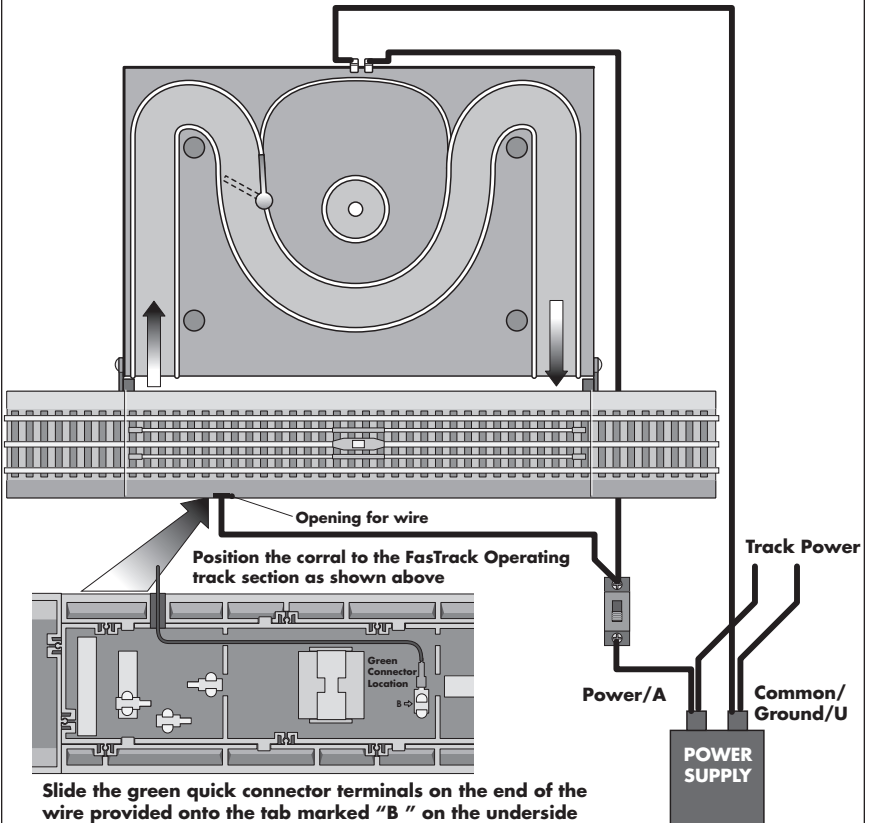


Figure 6. Setting up the Corral with the FasTrack operating track section

Setting up the Corral with the FasTrack Operating Track Section (continued)



Remove the four colored (red, blue, green, and black) quick connector terminals from the underside of 6-12054 FasTrack Operating Track Section



Slide the green quick connector terminals on the end of the wire provided onto the tab marked "B" on the underside of 6-12054 FasTrack Operating Track Section

Figure 7. Power connections using the FasTrack operating track section

Operating the Horse Car and Corral

Follow these steps as you load and unload the Horse Car.

1. Position the car in front of the corral so that the car doors line up with the corral ramps.
2. Line up the horse figures in the corral passage so that they are facing in the direction of the arrows. The gate heading to the drinking corral in the center of the corral should be closed. See Figure 5 on page 7.
3. Open or close the center door on the side opposite of the corral doors to determine whether the horses will travel all the way through the car.
 - If the center door on the side opposite of the corral doors is closed, the livestock will travel through the car, entering one door and exiting the other.
 - If the center door on the side opposite of the corral doors is open, the livestock will remain inside the car.
4. Press the activation button connected in the previous section to start the action. The corral doors will drop down, allowing the horse figures to enter or exit the car. Regulate the speed of the horses by adjusting the voltage or by turning the adjustment screw centered on the bottom of the corral. See Figure 8.

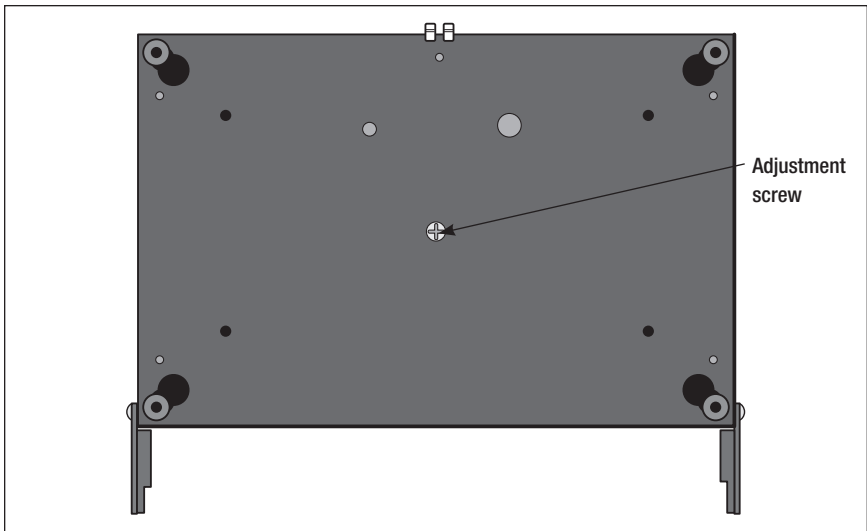


Figure 8. Adjustment screw location

Adjusting the Horse Car doors

The two small doors on the side of your Horse Car fold down to allow the figures to shuffle over them. Due to the movement that may occur in transit or the variations in your track, you may find that you need to re-adjust these doors so that they rest properly on top of the corral ramp protrusions.

Determine if any adjustment is needed

1. Set up and wire the corral. Then power up the track.
2. Position the Horse Car on the track in front of the corral. Line up the small doors with the corral ramps.
3. Press the activation button and watch as the doors open. They should rest on top of the protrusions at the ends of the corral ramp.
 - If the doors rest evenly on the ramp, the figures should be able to travel through the car and the corral without a problem. Adjusting the doors is not necessary.
 - If there is a gap between the doors and the ramp, you will need to adjust one or both of the doors. Follow the steps in the next section.

Make the necessary adjustments

1. With the Horse Car on the track, slide open the large door between the two smaller doors.
2. Use your fingers or a screwdriver to fully raise the exposed metal rod to cause the small doors to swing out.
3. As illustrated in Figure 9, with the rod in the fully raised position, grasp the rod with a pair of pliers to prevent it from rotating, then position the two doors so that they rest flatly on the protrusions at the ends of the corral ramp.
4. Release the rod and allow the doors to return to the closed position.
5. Close the large door between the two smaller doors.

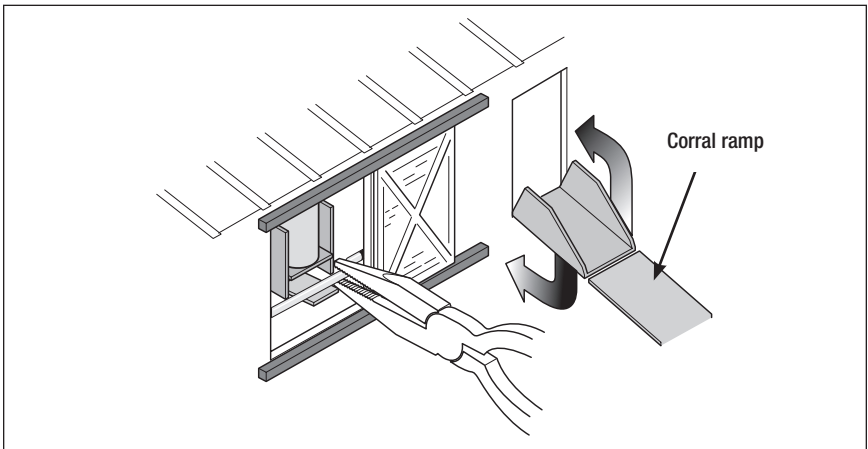


Figure 9. Door adjustment

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 _____



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