

Summary	Spiral door reversing edge cable routing.				
Products Affected	Spiral Doors				
Key Word Tags	Edge, Cable, Routing				
Tools/Equipment (If Required)	Terminal Screw Driver, Phillips Screw Driver, Drill, Clamps, Wrenches, Torx Wrenches,				
Parts/Materials (If Required)	ASSEMBLY, REVERSING EDGE LH R1070776-1 ASSEMBLY, REVERSING EDGE RH R1070776-2				
Related Media					
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Please Read The Entire Bulletin Before Proceeding

Depending upon the age of your door, the Rytec Corporation may have implemented a design change for the Spiral reversing edge cable.

When replacing the Spiral reversing edge use the instructions below to properly route the reversing edge cable.

The rubber reversing edge extrusion contains a rubber reversing edge tape switch. Previously the cable exited the end of the extrusion. The cable now exits from the top of the extrusion. (See figure 1).



Figure1 old style



Figure2 new style

1. Move the door to the fully open position.
2. Remove power to the control panel by placing the fused disconnect in the OFF position.



Lock out and tag out the electrical supply before performing the following procedure.

3. Remove the cover from each side column.
4. Remove the track cap from the lower section of door track along both sides of the door panel. Save all hardware.

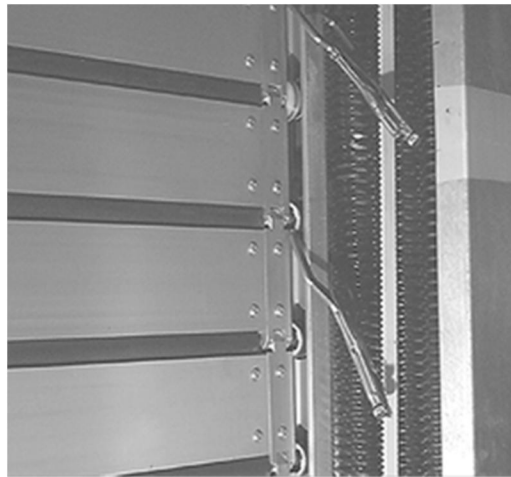


5. Turn power on to the control panel and position the door so the bottom 2 sections are below the upper track cap.
6. Remove power to the control panel by placing the fused disconnect in the OFF position.



Lock out and tag out the electrical supply before performing the following procedure.

7. Clamp both sides of the door to the uppermost sections of track.
An appropriate number of clamps must be placed across both door tracks to prevent the door panel from moving while performing the following procedure.

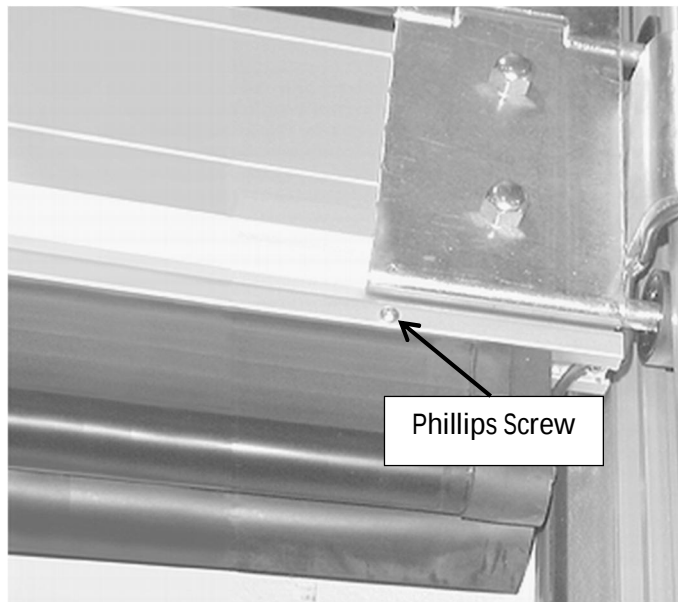


8. Disconnect the reversing edge control wires from the terminal block.

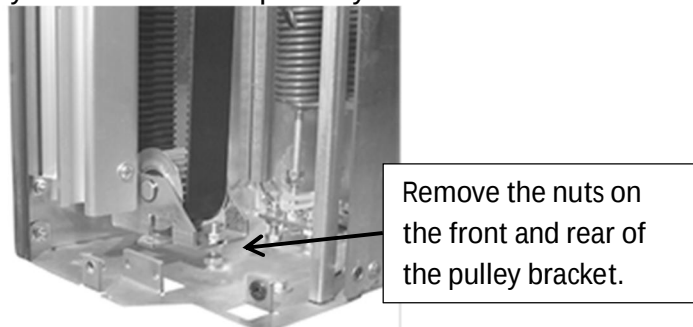


9. Disconnect the reversing edge cable from the end bracket by removing the cable clips screwed to the bracket. Save all hardware.

10. Remove and save the two small Phillips head screws used to secure the rubber reversing edge to the bottom door panel. Each screw is located about 4 in. from the ends of the panel, just above the rubber reversing edge.



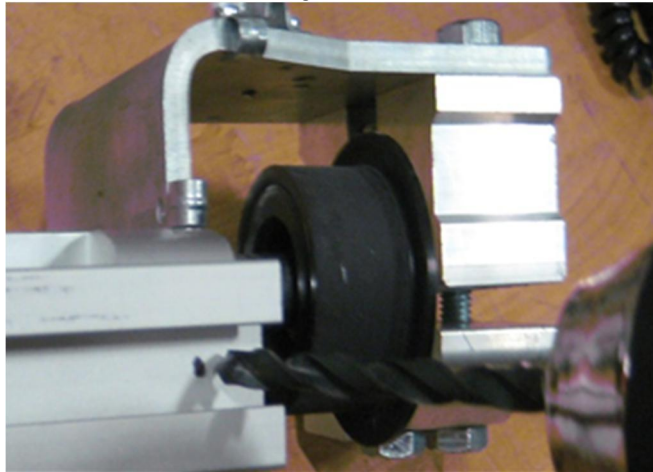
11. Release the tension from each secondary drive belt by removing the guide pulley bracket from its front and rear mounting posts. The pulley bracket is held in place by a nut threaded onto each post.



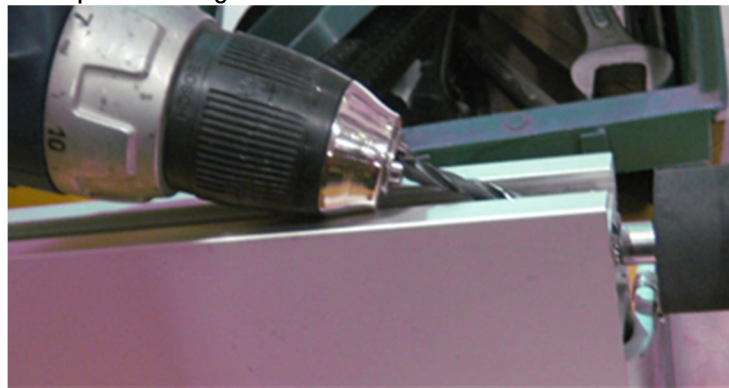
12. Lift the lower door panel away from the door opening until the reversing edge just clears the front of each side column.

13. Slide the reversing edge out of the T-channel it hangs from along the bottom edge of the door.

14. If needed, drill a $\frac{1}{4}$ " hole, $\frac{1}{2}$ " inch from the edge of the bottom aluminum panel.



15. Slowly lay the drill on its side. This will create an oval hole in the aluminum extrusion. Allowing ample space for the cable to pass through.



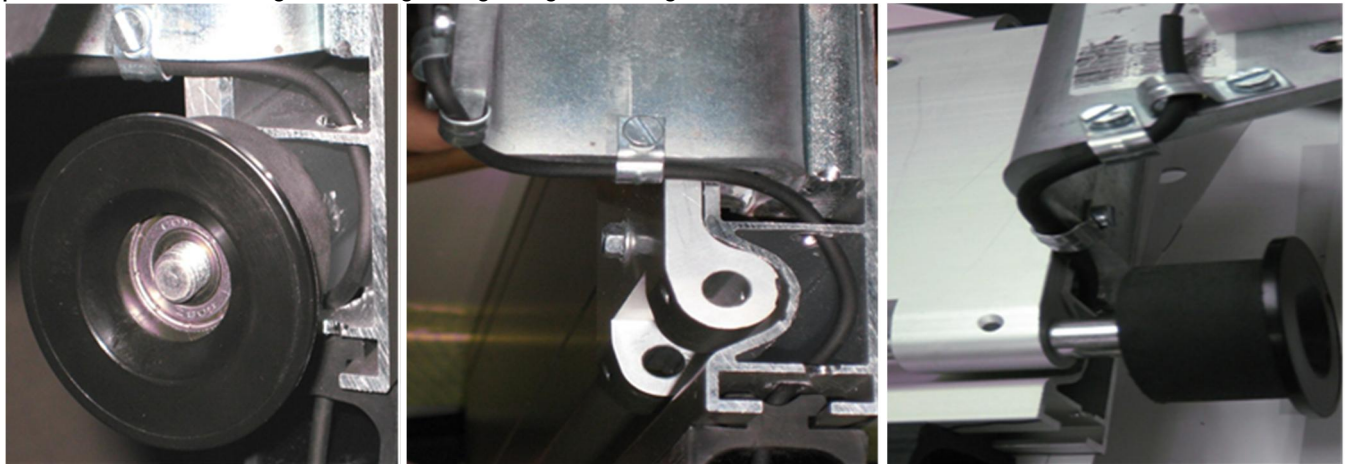
16. Position the drill straight up and down to drill a second hole in the next layer of the extrusion.

NOTE: Inside the extrusion there's a small curved piece which will push the drill at an angle. This is ok you simply want to drill the second hole to have another hole in the extrusion to pass the reversing edge cable through. The second hole will allow the cable to exit at the bottom of the bracket and enter into the wire clips. This will prevent the cable from rubbing, binding or breaking during travel of the door.



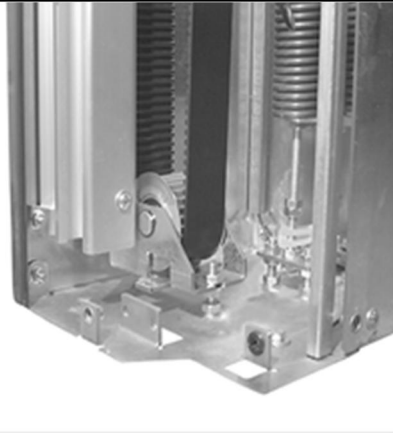
17. Install the new reversing edge using all saved hardware. Make sure to center the reversing edge on the door panel before reinstalling the small Phillips head screws.

18. IMPORTANT: The finished installation should look like the pictures below. Be sure to use the cable clips to hold the reversing edge cable in proper position. Pull the cable taught through the cable clips to prevent cable rubbing or slack getting caught during travel.



19. Terminate the 2 wires from the cable to the white plastic terminal block. The wires are not polarity sensitive so it does not matter which color wire lands on a specific terminal. NOTE: Cut the cable to length again preventing any excess from getting caught during travel.

20. Connect both drive belt pulley brackets to the mounting posts in the bottom of the side columns.



21. Inspect the tension on each secondary drive belt. If adjustment is necessary, see "SECONDARY DRIVE BELT ADJUSTMENT" in the Owner's manual.

22. Check the door panels for level. Move the door to the close position and count the number of teeth on the black belt between the bottom of the bracket and the pulley. The same number should be counted on each side. If the panel needs adjustment please reference "Panel Leveling" in the Owner's manual.

23. Replace track face on both sides.

24. Remove clamps.

25. Install side column covers.

26. Restore power to the control panel.

27. The display will read F:363 "EDGE OPEN", F:361 "EDGE TRIP" push and hold the Stop/Reset/Enter button on the control panel for 5 seconds and the errors will clear.

28. Cycle the door several times. Verify that the reversing edge is working properly. When the reversing edge is trip a F:361 "EDGE TRIP" message will be displayed. Push and hold the Stop/Reset/Enter button to clear the message.

Please contact Rytec Customer Support at 1-800-628-1909 with any questions.