

Summary	Replacing spring straps on Non drive side of Spiral LH (Low Head Room) S-Size (14")				
Products Affected	Spiral LH (Low Head Room) S-Size (14") side columns.				
Key Word Tags	SD, LH, S, Spring Strap, Replacement				
Tools/Equipment (If Required)	Metric Wrenches, Sockets, Phillips Screw Driver, Extensions, Universal Joints, Torx Wrenches, Ladder or Lift				
Parts/Materials (If Required)	CUT LGTH 40 MM BLUE BELT ASSY (length will vary) R217872				
Related Media					
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Please Read The Entire Bulletin Before Proceeding

This bulletin describes the replacement procedure for the blue spring strap for the Spiral LH S-Size model doors for the non-drive console.

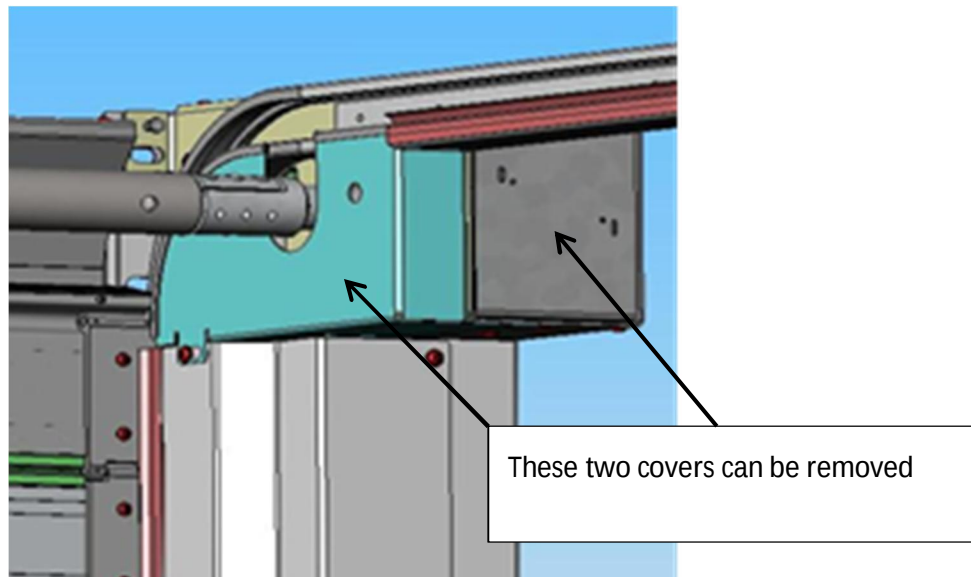
Proper tools, socket wrench, extensions, universal joints and a torx head bits will make the replacement process easier. Removal of cover pieces for the non-drive side will also assist visibility during replacement. There are two cover pieces that can be removed, galvanized cover nearest the opening (beneath drive shaft) and the front cover of the console. These are the only two pieces that can be removed from the console. DO NOT attempt to remove any other pieces.

Place the door in the full open position.

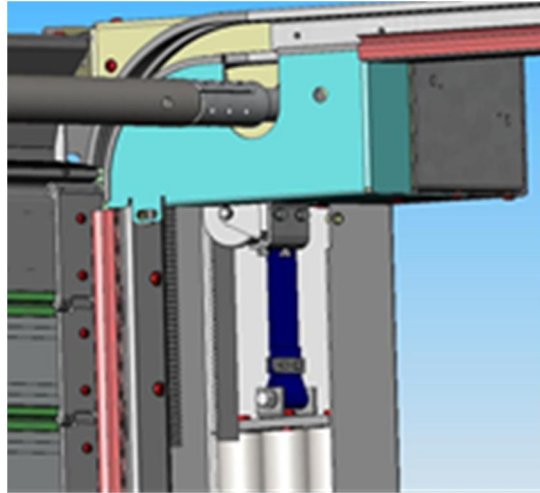
WARNING

The disconnect must be in the OFF position and properly locked and tagged before performing this procedure.

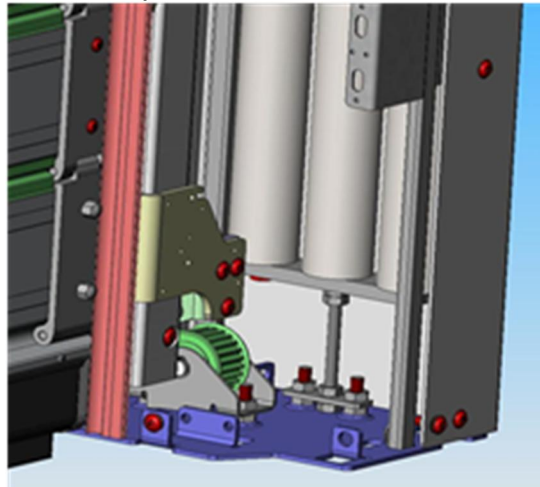
NON DRIVE SIDE ONLY



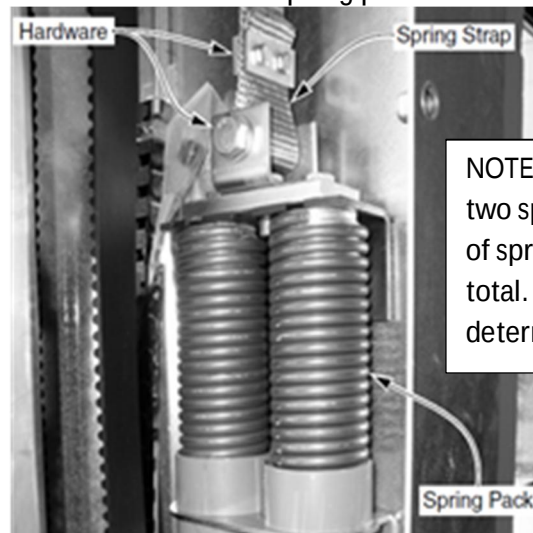
1. Remove the side column cover.



2. Remove the spring pack from the posts at the bottom of the side column.

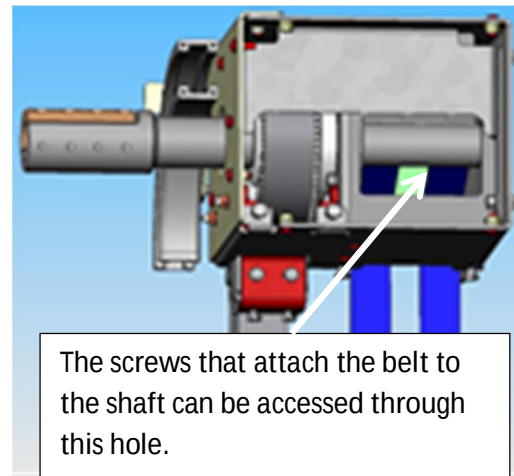
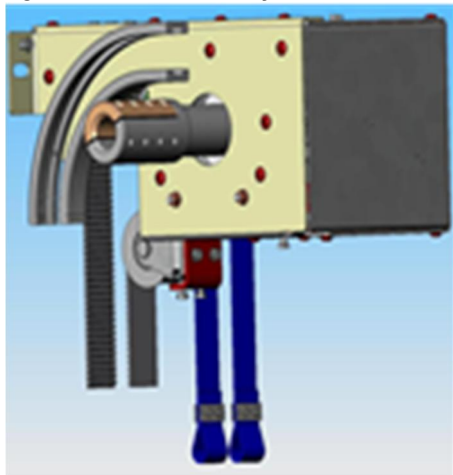


3. Remove the shoulder bolt that attaches the spring pack to the blue spring strap.



NOTE: The S-size doors will contain two spring packs. The total number of springs could reach as many as 6 total. The number of springs is determined by the size of the door.

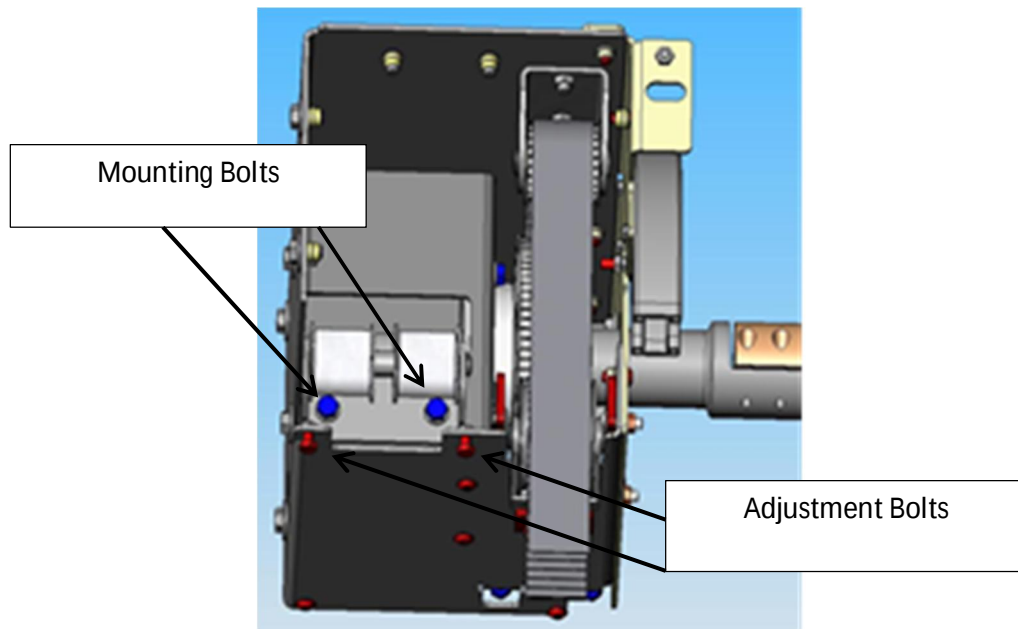
4. Remove the bracket that holds the springs in the side column (plastic sleeves).
5. Remove the spring pack from the side column.
6. Remove the spring strap clamps from the blue spring straps. These will be re-used on the replacement strap.
7. Remove the front face cover of the console. This will allow access to the straps clamped to the shaft. NOTE: Use the manual brake release to position the door; to gain access to the clamps on the shaft. CAUTION: Reminder, one of the spring packs is removed, erratic movement is possible be very careful positioning the door. DO NOT place your hands inside the console during movement at any time.



8. Remove the end of the strap on the shaft in the console. NOTE: Count the pre-wraps of strap on the shaft before removal. The same amount of pre-wraps will need to be placed for the replacement strap.
9. Install the replacement strap with the proper amount of pre-wraps. IMPORTANT: The pre-wraps must be tight and in alignment on the shaft. If you fail to align properly the strap may spiral off the shaft and cause premature wear to the replacement strap.
10. Drop the strap down into the side column.
11. Reattach the spring strap to the spring pack using the clamp removed in the previous step.
12. Reattach the springs to the posts at the bottom of the side column.
13. Turn power on to the door and test operation of the door.
14. During travel visually inspect the spring strap for proper travel and alignment.
15. Look through the front of the console to insure the strap is wrapping directly over the previous wrap. NOTE: If strap begins to roll off to one side and adjustment must be made or premature wear may occur.
16. If the strap is rolling off an adjustment to the white plastic guide roller can be made. There are two bolts on the bracket that holds the white roller that mount the roller to the console. Loosen those two bolts. Directly underneath the white roller are two bolt heads sticking out of the bottom of the console. (See Next Page) These bolts can be turned in or out twisting the roller bracket either left or right steering the spring strap in the correct direction. Be sure to tighten down all nuts and bolts after adjustments are made.

⚠ WARNING

The disconnect must be in the OFF position and properly locked and tagged before extra adjustments are made.



17. Replace all covers after you've confirmed operation of the door and travel of the spring strap.

NOTE: The limits may need to be adjusted or reset after making this adjustment. See the System 3 Drive & Control manual for this procedure. To reset limits parameter P:210 must be set to 5. Small adjustments to the open and closed can be performed through parameters P:221 close & P:231 open.

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