

Roll-Up Shutter Door - Field Application

Changing Lift Bar Springs

Installation Instructions

Reference: FM-8.5-118 - R•O•M Roll-up Shutter Door Parts Manual

Tools Required:

- 3/8" socket and ratchet wrench
- #2 Square head driver (Series III)
- #1 Square head driver (Series IV)
- 16 penny nail
- 5/16" punch
- Tools to remove tracks

Parts Required:

- 14029 Pivot block spring (1 per pivot block)

Bottom Rail Removal:

1. The springs are located inside the black plastic pivot blocks that hold the lift bar in place.
2. Remove the track on both sides of the door.
3. Pull the door down until you can see the spring loaded roller (operator).
4. To lock the spring tension - insert a 16 penny nail or similar device through the right hand end cap. A hole has been drilled through the cap and shaft in the 9 o'clock / 3 o'clock position and the nail will fit horizontally in the hole.
5. Remove the bottom rail from the slats by removing the (3) screws (Series IV) or (2) screws (Series III) from one of the end blocks.
6. On Series III bottom rails, remove the small cap that holds in the bumper and remove the bumper.
7. Pull off the end block and slide the bottom rail off the curtain.

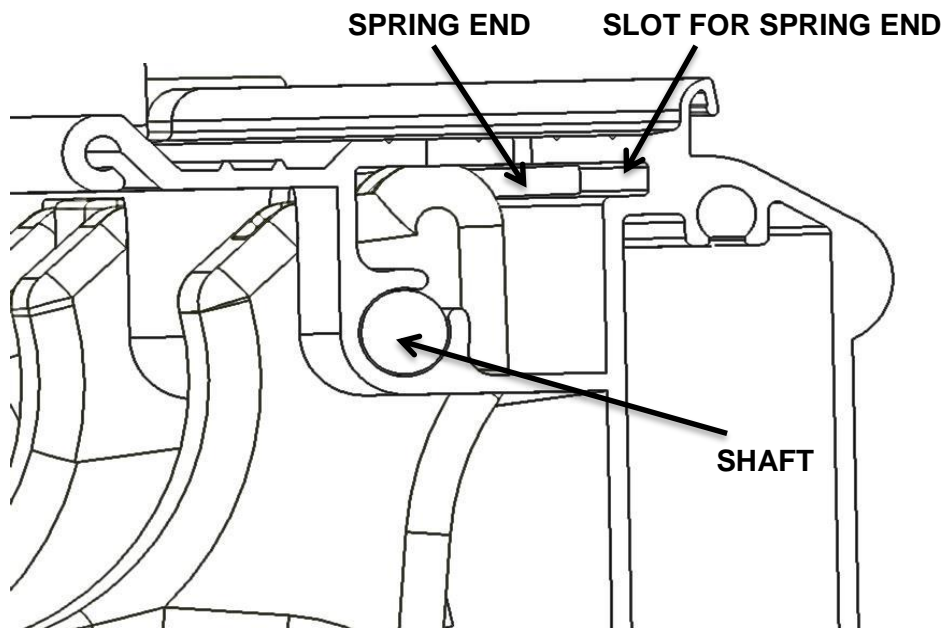
Lift Bar Spring Removal:

1. Use a 5/16" punch to gently tap the round aluminum shaft that runs through the entire length of the bottom rail until it starts to project from the other side. Lubricant may be needed if the rod is difficult to remove. The lift bar may need to be removed by drilling the 3/16" pop rivets on the pivot blocks if the shaft.
2. Grasp the aluminum shaft firmly and pull it completely out of the bottom rail, do not twist as it may distort.

3. The lift bar and pivot blocks will detach from the bottom rail.
4. Remove the old springs from the black plastic pivot blocks.
5. The new springs may appear different from the old springs, but they are direct replacements.
6. Insert one end of the new spring into the hole inside of the black plastic pivot block (they will only go in one way) the other end of the spring sits above the lip inside the slot of the bottom rail
7. As you push the aluminum shaft back into the lift bar, it will lock each pivot block and spring in place.

Final Installation:

1. Check for proper lift bar operation and replace the bottom rail.
2. Reinstall the bottom rail on the shutter.
3. Remove the 16 penny nail from the operator.
4. Replace the tracks and check the operation of the shutter.



Series IV Shutter is shown - Series III is similar

If you have any questions or problems, please contact your Customer Development Representative at 800-827-3692.

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