



Roll Up Door Installation Instruction Manual

Instruction Manual

Roll Up Door Installation

Important Safety Message

Your safety is of utmost importance to us. Before proceeding with the installation of your garage roll-up door, please carefully review and follow the guidelines provided in this manual. These instructions have been meticulously prepared to ensure not only the proper installation but also your safety throughout the process. We strongly urge you to adhere to each step and safety precaution outlined herein to guarantee a secure and successful installation.

Foreward

We understand that you have a choice of many different roll up doors in the market. We want to take a moment to thank you for making the Acero Garage Roll Up Door your choice.

Assembly Parts Needed

- 1 - Spring Tension Holding System (STHS)
- 1 - Stamped Axle Support
- 2 - Bottom Stops
- 1 - Door Handle
- 4 - 3/8 - 16 x 1 Hex Cap Screws
- 4 - 1/4 - 20 x 3/4 Round Head Carriage Bolt
- 4 - 3/8 - 16 x 1 Hex Cap Screws
- 4 - 1/4 - 0.625 2 in Washer
- 4 - 1/4 - 20 Nylon Lock Nut
- 1 - Rope
- 1 Left & 1 Right Bracket 1/4 - 20 X 1 Carriage Bolt
- 4 - 1/4 x 1 Steel Fender Washer
- 4 - 1/4 - 20 Nylon Lock Nut
- 2 - Top Stops

Steps

- 1a. Check wall opening width and height and verify these measurements against the size of the door to be installed.
- 1b. Make sure all parts required for installation are with the door

2. Attach mounting bracket to guide by aligning fixing holes. Once attached, measure length from the bracket's top surface to the top of the guide. Verify lengths are equal on left and right side.
3. Bind guide over top Stop.

4. Once both guides have been correctly positioned, attach them to the jambs using the appropriate fastener at each hole location. The door can fall if both brackets are not securely fastened to the jambs.

Caution:

Before beginning to mount the roll up door, position the door with the bottom bar facing wall opening

- 5a. On the right end, Spring Tension Holding System (STHS) must be oriented on the axle with the arrow pointing toward the wall. Slide STHS over the shaft until aligned with fixing holes.
- 5b. Place screws and loosely tighten. Do not fully tighten the screws until opposite side is aligned.
- 5c. On the left end, slide stamped axle support over the shaft until aligned with fixing holes. Stamped Axle Support must be oriented on the axle with the arrow pointing toward the wall.
- 5d. Place screws and loosely tighten. Do not fully tighten the screws until opposite side is aligned.

6. The curtain must be centered in the opening. Verify spacing is equal on left and right side.

7. Door should be positioned as close as possible to the header and still be able to rotate and clear the bottom bar. Verify spacing is equal on left and right side.

8. Fully tighten screws on both STHS and Stamped Axle Support.

9. Locking STHS in Open Position
Lock the STHS cam in open position by pulling the lock pin, pushing the spring pin backwards, and then pushing the lock pin on the spring pin.

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10. Unravel the protective Wrap from the door.
Helpful Tip: Pre cut approximately 1" of plastic wrap and tape on both sides for easy removal of protective wrap during unraveling.

12a. Rotate RUD 2-3 revolutions in the direction that would send the bottom bar down through the guides.

12b. While firmly holding the door at the bottom bar, cut the tape and plastic wrap that holds the door in a coil. Caution! To prevent damage, do not cut over rubber seal or painted curtain. Cut over bottom bar.

12c. Pull the bottom bar down into the guides.
 2d. Cycle the door by raising and lowering the door to its fully closed and fully opened position. Evaluate spring tension.

13a. Tighten the red set screw on the STHS

13b. Tighten the red set screws on the Stamped Axle Support

14. Install bottom clips at each end on inside of bottom bar using a single bolt and nut.

15. Install handle on outside of bottom bar using carriage bolts, washers, and nuts.

16. Install rope in the hole at the center of the horizontal leg of the bottom bar angle.

How to Increase Tension

Spring adjustment must be done while the door is locked in its open position. To increase spring tension, place pipe wrench at the end of the shaft and pull down. The STHS will automatically hold the new tension setting.

How to Release Tension

Spring adjustment must be done while the door is locked in its open position. If the tension of the door needs to be released: Apply more tension to the shaft with a pipe wrench. While holding the pipe wrench, release the STHS cams by pushing upward on the spring pin. Release the spring tension by keeping the cam disengaged until you reach the correct load. Put the STHS cam back in place to hold the shaft torque.