

Roll Right Model 300

Installation Instructions

These instructions are written for, and are to be used only by a professional door installer with a general mechanical knowledge of rolling type doors.

IMPORTANT NOTES: BEFORE YOU START, READ AND UNDERSTAND THESE INSTRUCTIONS THOROUGHLY AND CONSULT THE FACTORY DIRECTLY IF YOU HAVE ANY QUESTIONS CALL 425-259-6559, OR EMAIL Taylor@rradg.com.

DO NOT CUT BANDS, WHICH HOLD THE DOOR IN A ROLL. YOU WILL BE TOLD WHEN EXACTLY WHEN TO CUT THE BANDS.

ALWAYS WEAR GLOVES AND SAFETY GLASSES WHEN HANDLING OUR PRODUCT.

STEP #1

Measure the door opening and height to verify that you have the proper door to fit the opening. Check the jambs, header and floor for plumb, level and square. If the floor is out of level more than a fraction of an inch, you will need to cut the bottom of one of the tracks to bring them into level alignment at the top of guides. Verify that you have substantial structural backing to receive the door curtain and spring tension required to counterbalance the door weight.

Step #2

Disassemble guide channel from wall angle to prep for mounting wall angle (2.5" x 3" angle) to vertical jambs. (C-channel guides are mounted to wall angle with 3/8" stud bolts) Guides will be re-mounted later in installation.

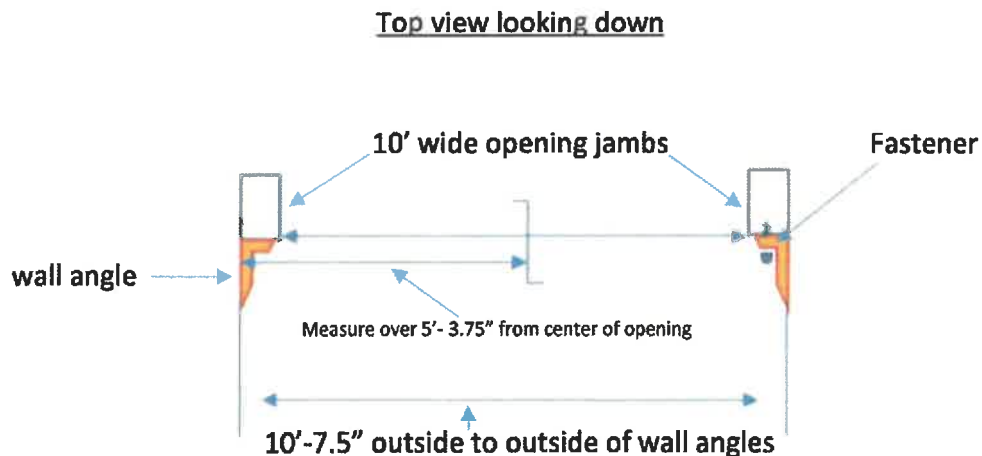
Step #3

Measure bottom of opening width to confirm width is accurate. Find center of opening and place a visible mark. From center of marked opening, divide the ordered door width size by 2 and add 3.75" to the measurement.

Example: Door ordered width was for a 10' opening, $10' / 2 = 5' + 3.75"$. Your measurement is now 5'-3.75" From center mark from floor measurement, measure over past the opening jamb and make a mark on floor.

Step #4

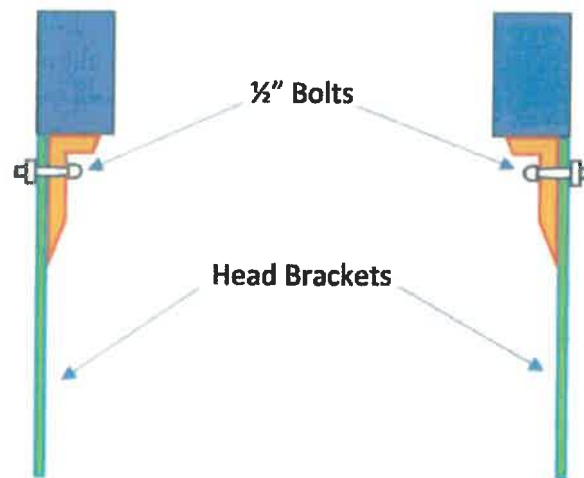
Place wall angle (2.5" x 3" angle) to the mark made on floor on the outside part of the 3" side of wall angle. Plumb up wall angle from the mark on floor and mount 3" side of wall angle to face of jamb using sufficient leg screws or bolts to jamb into provided holes drilled on 3" side of wall angle. (See example drawing attached below).



(Both wall angles should be 10'-7.5" outside to outside of wall angles from floor to top of wall angles)

Step #5

Securely lift door up with adequate fork lift on center balance point of door (balance point of door will be marked). The head brackets mount to outside of wall angle with hardware provided, 1 – 1/2" round head bolt on top hole and 1 – 1/2" round head bolt on bottom hole of head brackets. Make sure bolts are securely tightened (See drawing below)



Step #6

After safely lifting and mounting the door brackets securely to the wall angle, tension will now need to be added. Use fork lift or manual lift under bottom bar of door. (do not cut plastic or banding until spring tension is added) Add enough tension to door (see drawing below to see how to add spring tension properly) until door slightly wants to roll up towards ceiling on its own, keep door secure do not let it roll on its own. (always keep forks or manual lift under bottom bar at all times until proper spring adjusted has been determined, all spring tension adjustment is only to be adjusted when door is in up position).

Once door has slightly moved from the spring tension your now on to your next step.

Step #7

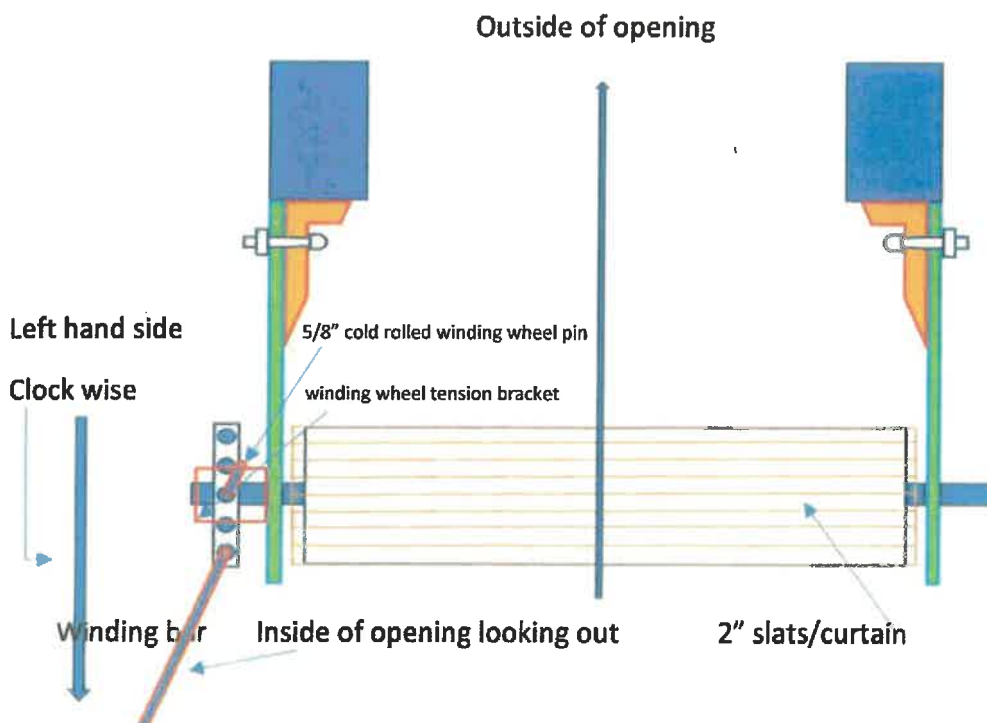
Take interior door stops off top of guides. Fasten guide channel to wall angle using 3/8" nuts and washers to 3/8" bolt stud welded to guide channel. Lower forks enough so when door is unrolled it can be rolled into guide channel at least 3"-6". Re-attach door stops to guide channel.

Step #8

Securing the door, cut plastic and banding on door. Keep fork lift or manual lift as close to bottom bar as you can to bottom bar of door. Door will fall to forks or manual lift. Guide door into guides and re-attach top door stops. Let down door about 3"-6" below opening when adjusting final spring tension, (spring tension is only to be adjusted when door is in the open position, this will help prevent injury).

Step #9

Each door spring has a custom initial turns that needed to be added to the winding wheel. Your Spring needs 3 initial turns. After the initial spring turn, adjust spring accordingly to your preference.



Example: When adding spring tension, spring is on the left-hand side of your door (inside looking out) using a 5/8" rod, slide bar inside winding wheel holes and if standing on left hand side looking at the door, you will move winding wheel clock wise to add tension to door. Use 5/8" cold rolled pin (provided and pre-mounted) placed in a bracket above winding wheel to hold tension on door and re adjust accordingly.

Step #11

Mount motor bracket to drive side of door bracket using 2 – 1/2" carriage bolts and 2 nylock nuts. Follow motor manual instructions to finish motor installation.

Step #12

Mount 3" header brush seal to seal gap at top of door.

Step #13

Check all fasteners and make sure they are secure before final operation.