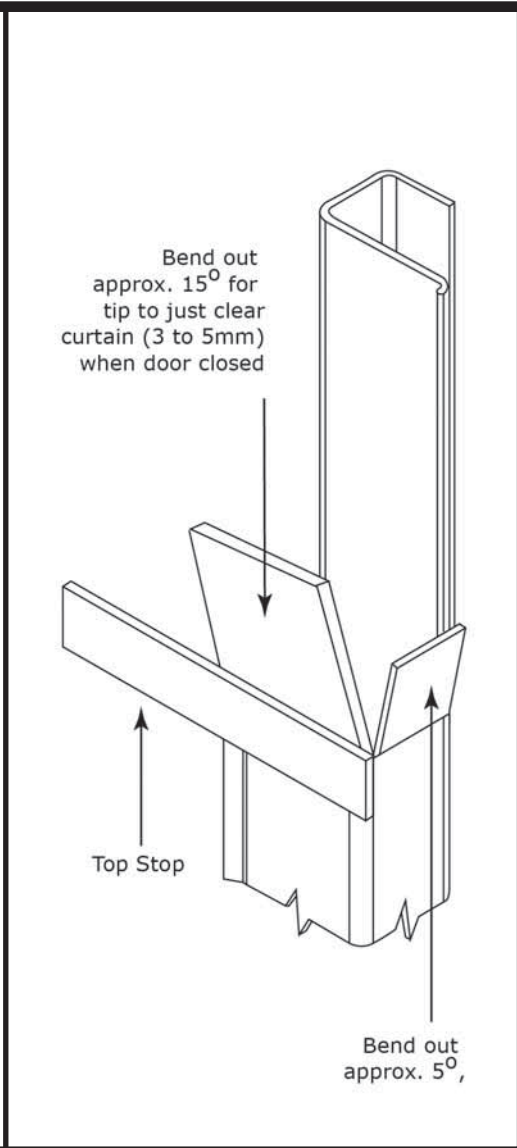
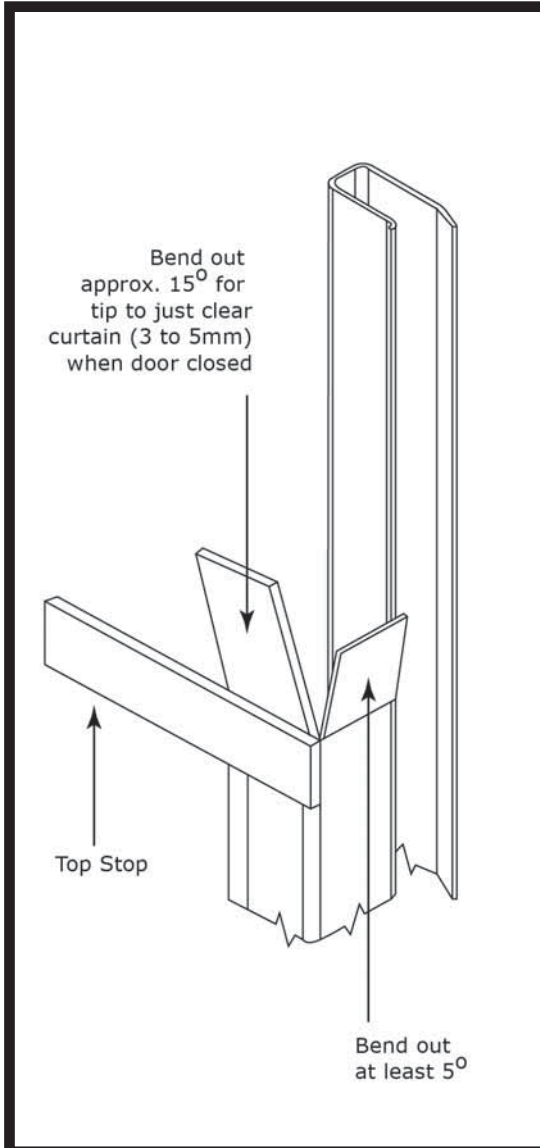


'A' & 'AA' Series Guide Track Lead-in (Suggested Positioning)

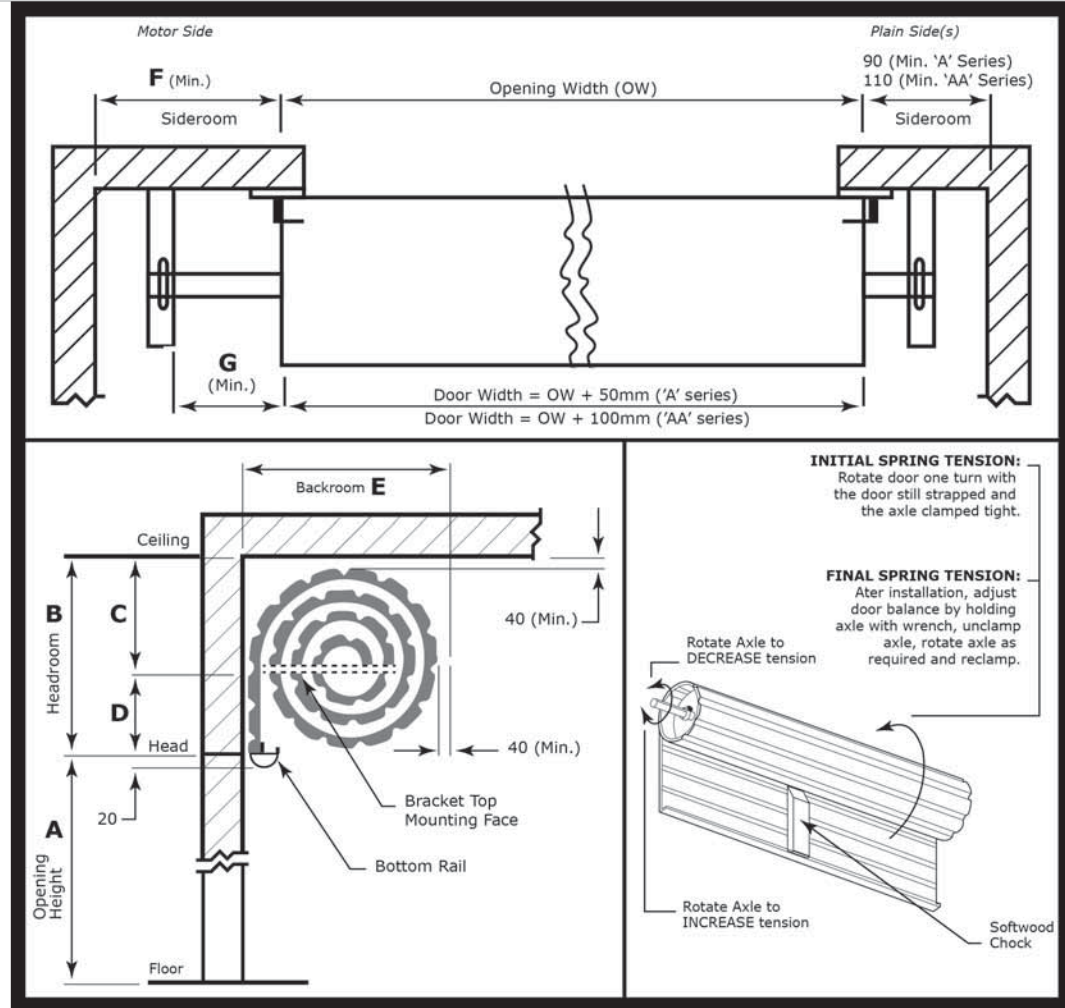


'A' Series

'AA' Series



'A' & 'AA' Series Roller Doors



Opening Height A	Headroom B	C	D	Backroom E	Motor	F	G
1200	430	265	165	460	A	100	30
2200	440	270	170	485	AA	130	30
2400	455	275	180	505			
2800	485	295	190	515			
3000	495	300	195	525			

'A' and 'AA' Series Roller Doors: INSTALLATION INSTRUCTIONS

1. Check the width of the roller door against the opening to which the door is being fitted. For a standard installation the roller door curtain should be **50mm ('A' series) OR 100mm ('AA series)** wider than the opening.
2. Referring to the table in the attached diagram, check the headroom, the side-room and the backroom to ensure there is enough room to fit the roller door.
3. If a roller door Electric Operator is going to be fitted, ensure you have enough side-room on the operator side and allow the correct space between the wall bracket and the edge of the roller door curtain. Refer to the table in the diagram, if applicable, or the operator manufacturer's installation instructions for the appropriate dimensions.
4. Mark out the horizontal position for the brackets on the wall; the face of the angles should be facing away from the roller door. The brackets should be positioned well clear of the curtain edge and also clear of the Guide Tracks and any Track Brackets.
5. Mark the vertical position of the brackets above the opening. Refer to the attached diagram. Level the two brackets at the horizontal arms using a water level or other suitable device.
6. Attach the brackets to the wall by either screwing or welding (if steel frame work). Supplied with the roller door kits are steel and wood fixing screws and washers which must be used in the following ways:
 - For steel fixing, four or more self-drilling/tapping screws must be used to secure each bracket to the wall.
 - For timber fixing, three or more 2" x 5/16" Hex. Head Coach Screws must be used per bracket.
 - For brick or concrete fixing, depending on the type and condition of the brick or concrete, use **two ('A' series) OR three ('AA series)** or more long 10mm dia. bolts from the outer surface of the wall, 125mm x 10mm 'Dynabolts' or 2" x 5/16" Hex. Head Coach Screws and plastic plugs per bracket. (The installer must assess what is appropriate in each situation).

Flat washers must be used under all screw heads.

7. If an Electric Operator is to be used, mount this assembly onto the axle at the correct end now and install with reference to the manufacturer's instructions. Lift the roller door onto the brackets with the door orientated such that the colour side will face outward from the opening. Using the two 'U' bolts and saddles, loosely secure the roller door axle upon the brackets.

Extreme Safety Risk: Safe practices must be observed when lifting roller doors as they can weigh up to 200kg. The installer must ensure the roller door is secure and safe at all times.

The Wall Brackets are designed to support the door only and using the Wall Brackets to mount the door lifting gear is NOT recommended by Stratco. Any injury or damage arising from this practice will be the installer's responsibility and is NOT covered by the door warranty.

8. Centre the roller door within the opening with the same amount of curtain overlap each side. Rocking the roller door on its axle will assist the door to move into position. Position the Electric Operator as required at the same time.
9. **Without cutting the centre nylon strap**, remove other strapping and packaging material.
10. Move the door to the rear of the bracket slots and turn the axle to allow the door to be relaxed on the axle with the Bottom Rail at the bottom of the curtain (6 o'clock position).
11. **Fully tighten the two 'U' bolts** to clamp the axle to the brackets.
12. Now turn the curtain roll **1 turn towards the wall**, as viewed from above, and hold in this position. The door now has **1 turn** of spring pre-tension.
13. **Without letting go of the curtain**, cut the centre strap and remove any associated packaging. Holding the Bottom Rail, the curtain may now be fully opened and closed to ensure the roller door is rolling up in correct alignment on the roll prior to fitting the Guide Tracks. Take care to avoid the nylon braiding touching the wall. A softwood chock may now be carefully positioned between the Bottom Rail and the curtain roll to prevent the door unrolling.
14. Cut the bottom off the tracks to suit the particular opening height such that the underside of the top stop is level with the top of the opening. Refer to the diagram. Note that this is the normal set-up and part of the Bottom Rail and the Weather Seal will protrude 20mm into the opening when the door is open.

15. Flare out both the side and rear faces at the track top where the track is notched back and pre-slit to give the angles as shown in the attached drawing. The rear face is bent back about 8mm to avoid the nylon webbing from catching on the sharp edge. Refer also to the note to bend away the track front (wall) face so as to avoid the webbing catching if the door is installed high. After fitting the tracks, if necessary adjust the angles to enable smooth entry of the curtain into the top of the track.
16. **NOTE: 'A' series doors only:** Insert the supplied track mounting brackets into the smaller 'U' profile of the tracks. Space them out in appropriate positions along the tracks, allowing enough room at the top of the tracks to not interfere with the Wall Brackets.
17. Slide the tracks onto the edge of the roller door ensuring the top stops remain above the Bottom Rail to prevent the door rolling up further. Lower the door to the closed position. Push the track against the wall and adjust sideways so there is a 3 to 6mm gap between the inside of the track and the black plastic button at the end of the Bottom Rail. Using a builders level, ensure the tracks are vertical then fix to the wall by either screwing or welding (if steel frame work) using fasteners as follows:
 - For steel fixing: self-drilling/tapping screws and washers.
 - For timber fixing: 2" x 5/16" Hex. Head Coach Screws and washers.
 - For brick or concrete fixing: 2" x 5/16" Hex. Head Coach Screws, washers and plastic plugs.

NOTE: before fully fastening the tracks, operate the door fully to ensure it is not binding in the tracks at any point.

18. **With the door in the open position** and working at only one end of the door at a time, loosen the 'U' bolt and, by using the slots in the wall brackets, move the door in towards the wall until just about touching the track front face but avoiding any binding and re-tighten the 'U' bolt.

Ensure both 'U' bolts are fully re-tightened.

19. After operating the door a few times, check the door balance.

When correctly balanced, the roller door should have a tendency to lift slightly at the top and bottom positions and be neutral or slightly heavy at mid height. If fitting an Electric Operator weight bar to the bottom rail, apply a little more tension but leave the door a little heavy.

If necessary, adjust the springs as follows:

With the door in the open position, loosen the 'U' bolt at one end of the door first. Then while holding the axle from turning at the other end with a pipe wrench, loosen the other 'U' bolt. The handle of the wrench will want to lift towards the ceiling. Turn the axle with the wrench in the direction required to adjust the door balance. Raise the wrench to reduce spring tension and make the door 'heavier', lower to 'lighten' (refer to the diagram).

Now **fully re-tighten both 'U' bolts** before operating the door down below half height.

20. To fit the centre lock, remove the adhesive film from this area, position the lock front facia in the panel holes and hold or tape to the outside of the door. From the back of the door, orientate the lock body so that the words on the circular latch are 'right-way-up' and screw to the facia with the 2 screws supplied.
21. With the door in the fully closed position, mark the nylon retainer height positions and cut a hole in the side face of each track for the locking bars to slide through.
22. With the **lock arms fully retracted (Important!)**, screw the 2 locking bars to the lock arms, mark the curtain edge position and cut each bar to this length then chamfer cut the corners. Unscrew the locking bars from the lock arms, insert them through the nylon guides and any PVC anti-rattle sleeves supplied then re-screw to the lock arms. Check the lock operation.
23. **NOTE: 'AA' series doors only:** If optional 'Shute' bolt locking is required, delete steps 20 to 22 and position these locks at each end of the Bottom Rail. When withdrawn, the locking bolt must not extend beyond the door curtain. Mark the mounting bolt hole positions and drill 7.0mm dia. so that the square shank of the domed headed coach screw will bite into the hole and not turn. Bolt the 'Shute' bolts into position with the domed screw heads on the outside of the door. With the door in the fully closed position, mark and cut a hole in the side face of each track for the locking bolt to slide through.
24. Remove the adhesive film from the outside face of the curtain.
25. To maintain the roller door's finish and smooth operation, adhere to the care instruction label on the rear face of the Bottom Rail.