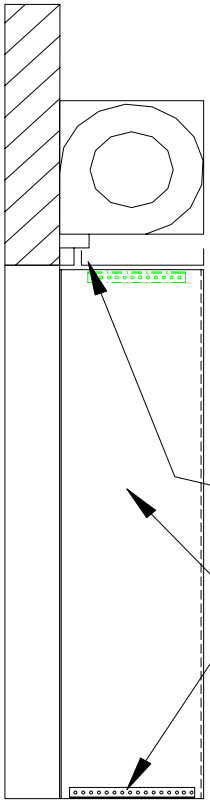
BUG BLOCKER ™ WITH ROLLING DOOR

1)

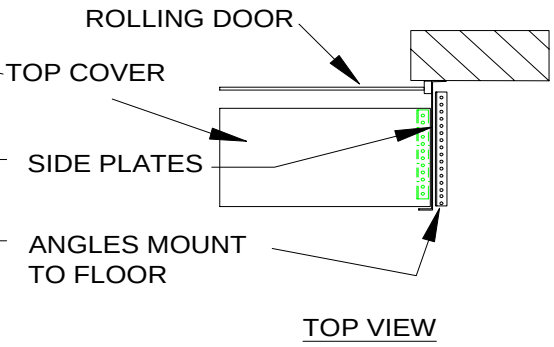


1.1) Set the side plates into position on the front wall. The distance between the plates should be as wide as the top cover.

1.2) Set the top cover into position on top of the punched angles with the 2" legs up. The edge furthest from the wall should line up with the same edge of the side plates.

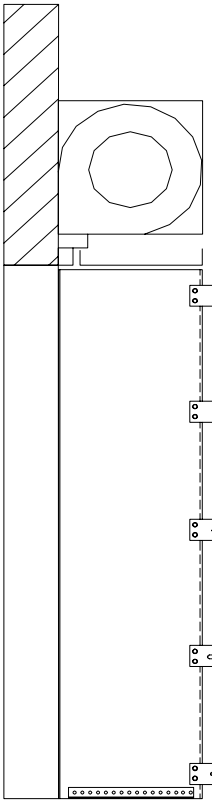
1.3) Secure the top cover through the punched angles with 1/4" pk screws provided.

1.4) Secure side plates to front wall and floor.



TOP VIEW

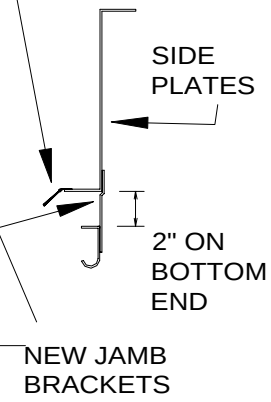
2)



2.1) Attach offset jamb brackets to lower vertical track with track bolts. Track is sloped $\frac{1}{8}$" per foot of height.

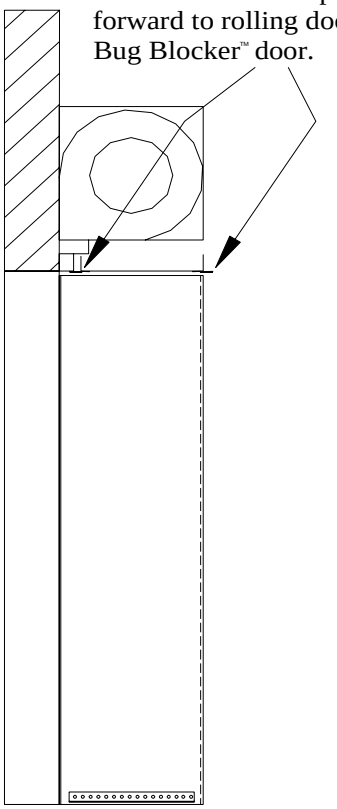
2.2) Attach track assembly to side plates with $\frac{1}{4}$" pk screws.

2.3) Install 1-$\frac{1}{2}$" brush in 45 degree retainer on sides with #8 pk screws.

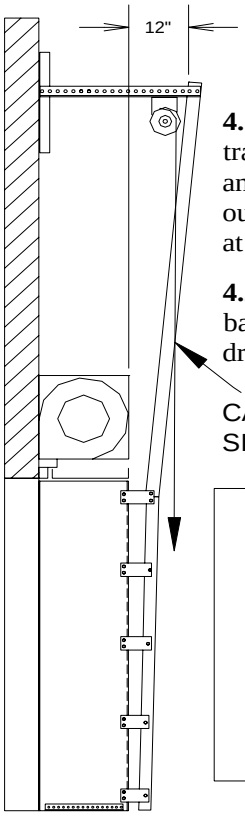


3)

3.1) Install 2" brush with straight retainer inside of top cover facing forward to rolling door and back to Bug Blocker™ door.



4) VERTICAL LIFT

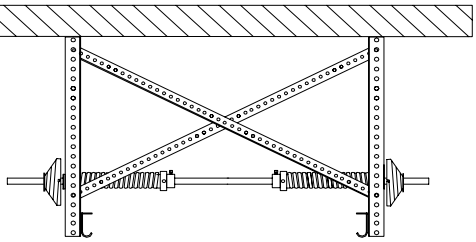


4.1) Install upper track with punched angles spaced 12" out from side plates at upper end.

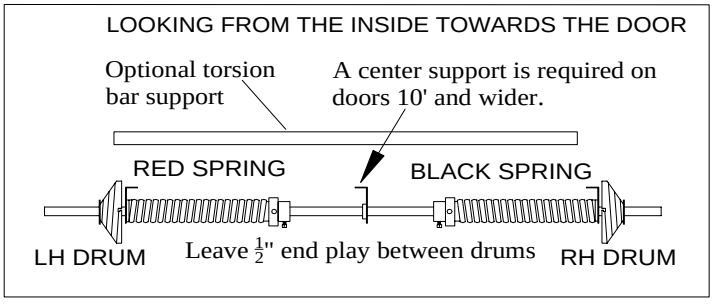
4.2) Install torsion bar and springs per drawing.

CABLE OFF BACK SIDE OF DRUM

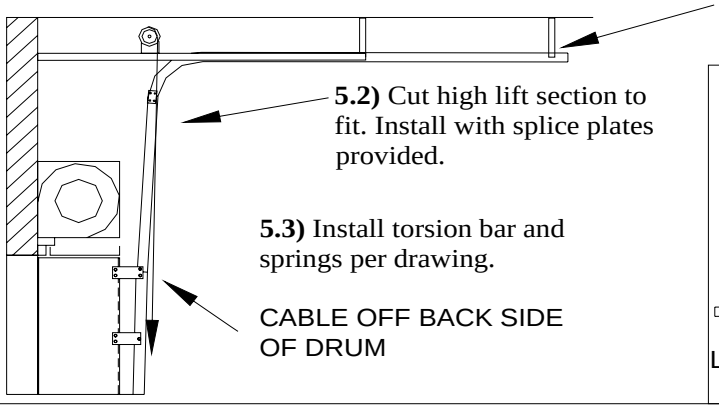
4.3) Install cross angles to brace track in position.

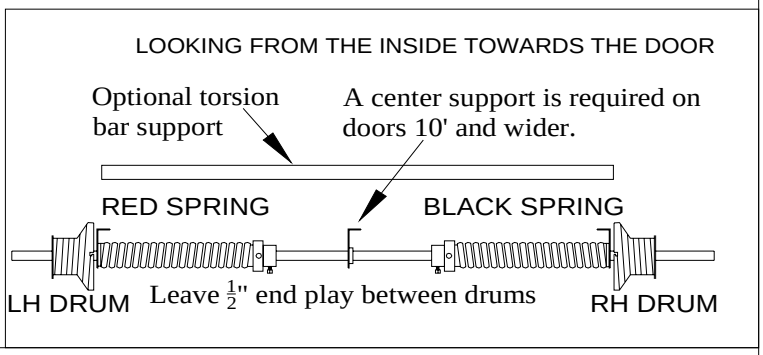


TOP VIEW

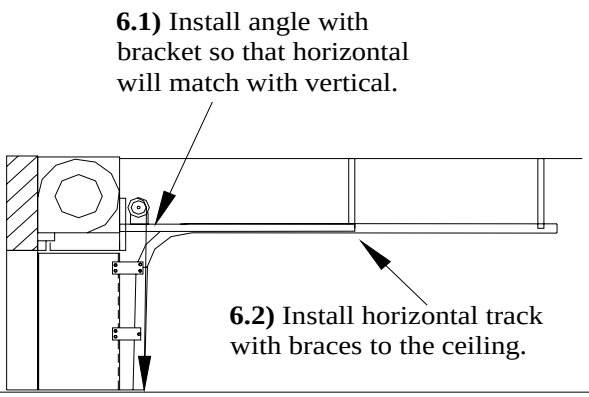


5) HIGH LIFT



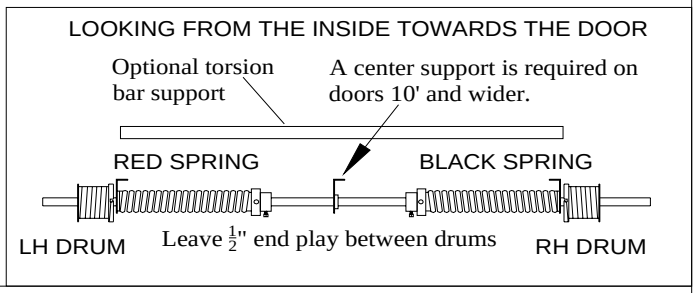


6) STANDARD LIFT



6.3) Install torsion bar and springs per drawing.

CABLE OFF BACK SIDE OF DRUM



7)

7.1) Install on the bottom section the right bottom bracket with 4ea Pk's and 2 track bolts. Install #1 center hinges and a #1hinge on the right end FINGER TIGHT. (INSTALL THE HINGES WITH THE NUMBERS DOWN)

7.2) Install bottom section in the track and add the other bottom bracket and #1 hinge on the left end. (Use long stem rollers on bottom corners.)

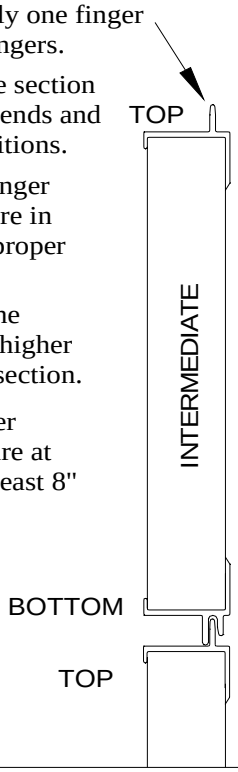
7.3) Identify the top of an intermediate section. The top has only one finger and the bottom has 2 fingers.

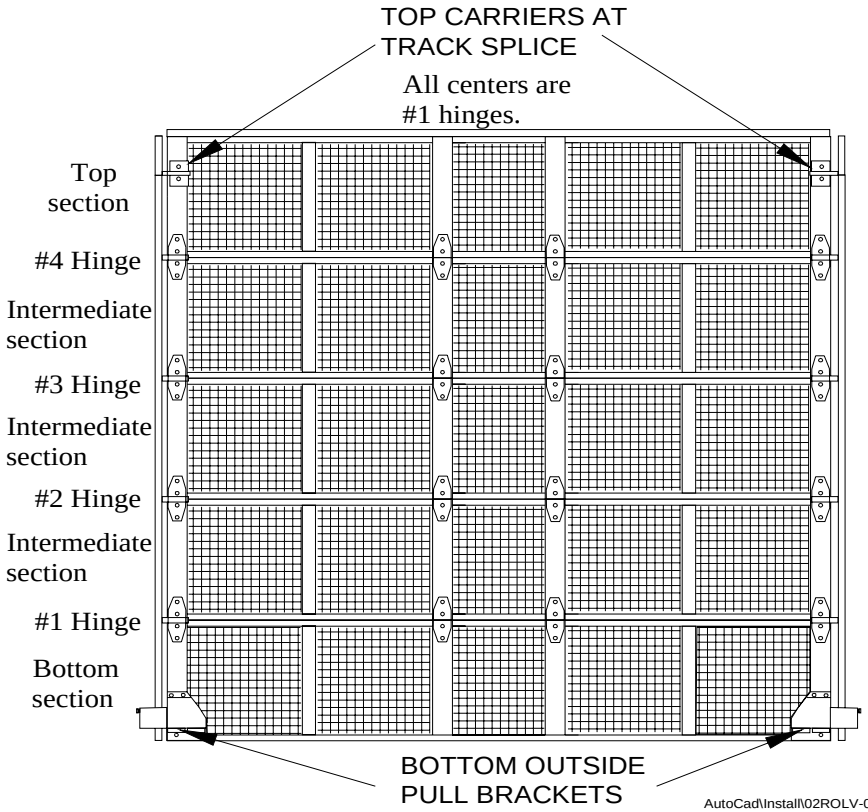
7.4) Install intermediate section using #2 hinges on top ends and #1 hinges in center positions.

7.5) Install all hinges finger tight until all sections are in place and checked for proper engagement.

7.6) Install the rest of the sections using the next higher number hinge on each section.

7.7) Attach the top roller carriers so that rollers are at TRACK SPLICE. (At least 8" from top of door)





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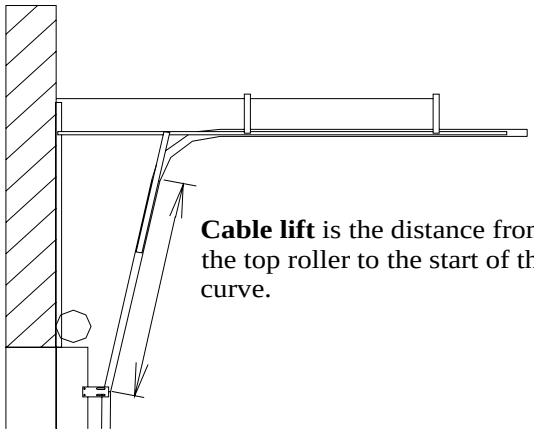
8) **8.1)** Measure the distance from the torsion shaft to the floor and calculate the cable length as follows:
(For a rear mounted torsion the distance is measured from the floor around the pulley to the torsion bar.)

VERTICAL LIFT DRUMS:

OMI 11 VL (8-$\frac{1}{2}$" Dia.) Bottom bracket to shaft plus 137" minus door opening height.
OMI 18 VL (10-$\frac{5}{8}$ " Dia.) Bottom bracket to shaft plus 232" minus door opening height.
OMI 28 VL (13-$\frac{1}{2}$" Dia.) Bottom bracket to shaft plus 346" minus door opening height.

HIGH LIFT DRUMS:

OMI 54 HL-LD (5-$\frac{7}{8}$" Dia.) Floor to shaft plus 63" minus cable lift.
OMI 54 HL (7-$\frac{3}{16}$" Dia.) Floor to shaft plus 66" minus cable lift.
OMI 120 HL (9-$\frac{3}{16}$" Dia.) Floor to shaft plus 134" minus cable lift.
OMI 164 HL (11" Dia.) Floor to shaft plus 181" minus cable lift.



Cable lift is the distance from the top roller to the start of the curve.

STANDARD LIFT DRUMS:

OMI 12 (4-$\frac{3}{4}$" Dia.) Floor to pulley to shaft plus 8".
OMI 18 (6" Dia.) Floor to pulley to shaft plus 10".

8.2) Carefully measure the cables and flatten stops into position.

8.3) Cut off excess cable.

8.4) Install cables and wind springs as specified on the front cover.

8.5) Make sure tracks are properly braced and evenly spaced - parallel and perpendicular.

9)

9.1) Install down lock and handle with PK's (self-drillers).

9.2) Install pull rope on bottom under right hand roller.

9.3) Tighten down all fasteners.

9.4) Install stop springs to stop door above top of opening.

9.5) Check that door is level. Adjust drum positions on shaft if neccessary.