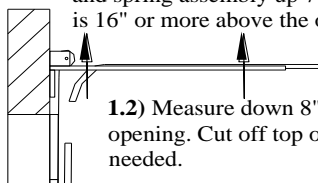


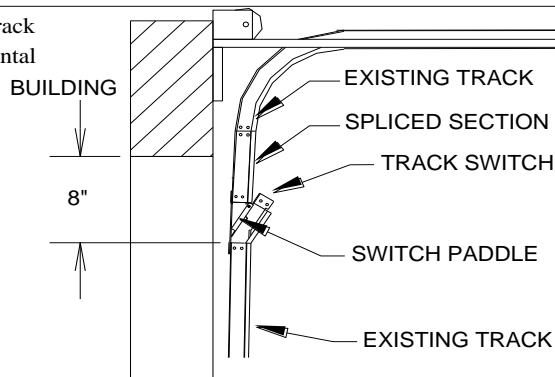
# SCREEN DOOR 2" SWITCH TRACK STANDARD LIFT

1)

1.1) Unwind the existing springs. Move the horizontal track and spring assembly up 7- $\frac{1}{2}$ " and reinstall. ( If the horizontal is 16" or more above the opening this is unnecessary.)



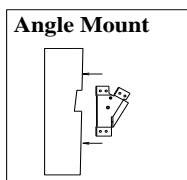
1.2) Measure down 8" from top of the opening. Cut off top of vertical track if needed.



1.3) **Jamb bracket mounted** - Remove brackets in the way and install track switch with  $\frac{1}{4}$ " track bolts. Install 2 new jamb brackets to wall and switch using flange nuts.

1.4) **Angle mounted** - Notch out angle for switch. Install track switch with  $\frac{1}{4}$ " track bolts and nylon stop lock nuts provided.

**Angle Mount**



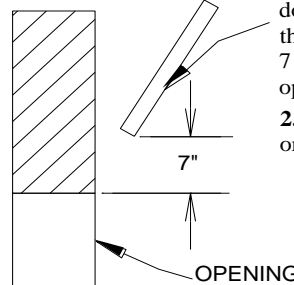
1.5) Install high lift section to fill the gap if needed.

1.6) Check the switch paddle for crisp snap action. Move upper track as necessary to provide necessary clearance.

1.7) To promote smooth roller action through the switch some bending of the track ends may be needed so that curved part of track matches up with switch paddle.

2)

EXISTING DOOR



2.1) Rewind the springs on the door so that in the full up position the bottom will be a minimum of 7 inches above the top of the opening.

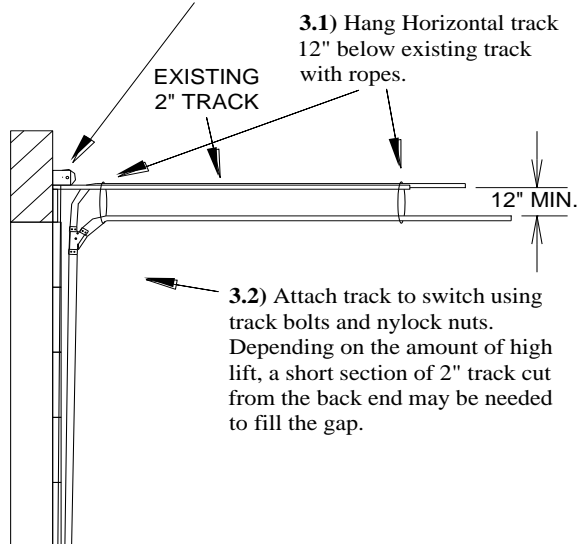
2.2) Readjust spring stop bumpers or travel on motor operated door.

CHECK AND REPAIR THE EXISTING DOOR AND TRACK FOR PROPER AND SMOOTH OPERATION.

REPLACE EXISTING VERTICAL TRACK IF REQUIRED.

3)

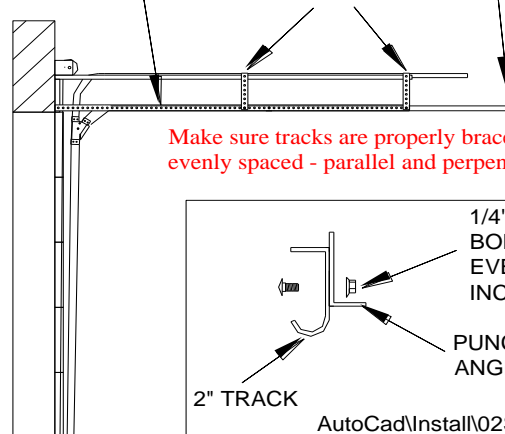
EXISTING TORSION BAR AND SPRINGS



4)

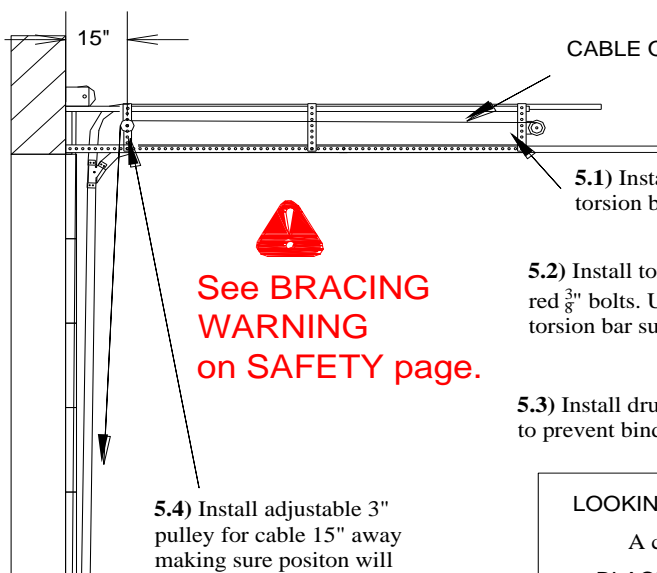
4.1) Install angle from wall back, to brace horizontal track.

4.2) Install vertical supports between tracks and remove ropes. Horizontal bracing between the new tracks may be needed if less than 10' wide.



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

5)



CABLE OFF TOP OF DRUM

5.1) Install torsion bar bearing brackets for rear mount torsion bar assembly - FLAT SIDE OUT.

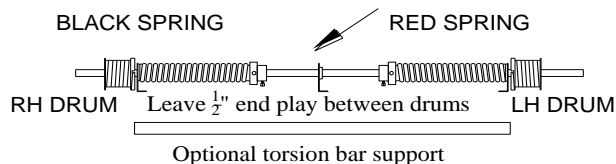
5.2) Install torsion bar and springs as shown using red  $\frac{3}{8}$ " bolts. Use center support, 2- $\frac{1}{2}$ " red bolts and torsion bar support if door is over 10 feet wide.

5.3) Install drums on shaft as shown. Leave  $\frac{1}{4}$ " end play to prevent binding. New cable off top of drum.

5.4) Install adjustable 3" pulley for cable 15" away making sure position will lift door up enough and cable will clear track switch.

LOOKING UP FROM THE INSIDE TOWARDS THE DOOR

A center support is required on doors 10' and wider.



6)

6.1) Install on the bottom section the right bottom bracket with 6 red self-drillers and 2 flange nuts. Install #1 center hinges and a #1 hinge on the right end FINGER TIGHT. (INSTALL THE HINGES WITH THE NUMBERS DOWN)



See BOTTOM BRACKET INSTALLATION on SAFETY page

6.2) 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.)

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

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

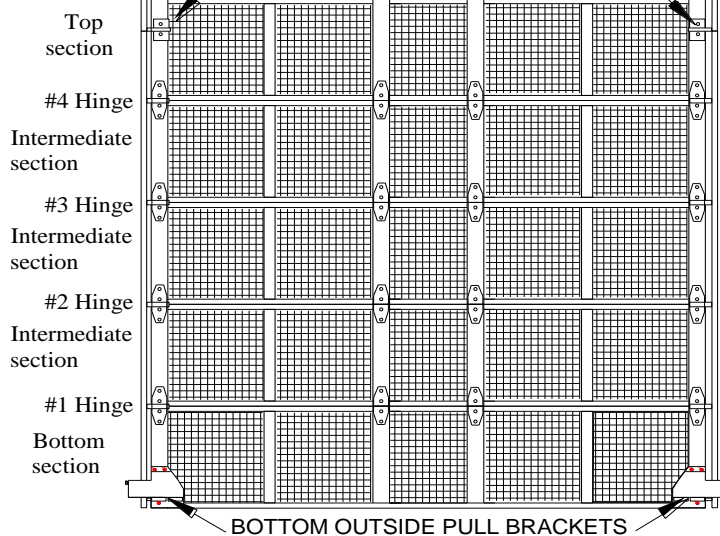
6.5) Install all hinges finger tight until all sections are in place and checked for proper engagement.

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

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

TOP CARRIERS AT BOTTOM OF TRACK SWITCH

All centers are #1 hinges.



NOTE: IF THE EXISTING DOOR IS 3" THICK THE END HINGES ON THE BOTTOM START WITH #5

BOTTOM

TOP

INTERMEDIATE

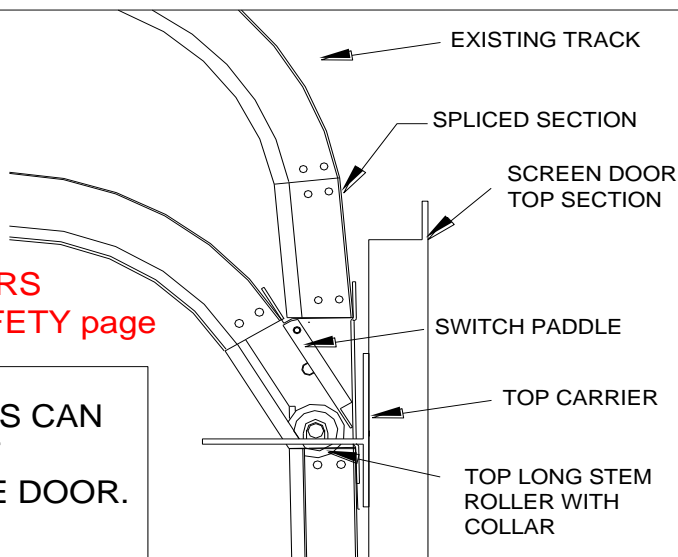
AutoCad\Install\02SW-N\p.2

- 7) 7.1) Install the top carrier with  $\frac{1}{4}$ "-20 self-drillers. Use the long stem rollers with collars to ensure both sides are evenly spaced.
- 7.2) Position the top carrier so that the roller is at the bottom of the switch paddle.
- 7.3) Adjust the slide on the top bracket to close the top section of the opening.



See TOP CARRIERS  
WARNING on SAFETY page

FAILURE TO FOLLOW THESE STEPS CAN  
RESULT IN ROLLERS COMING OUT  
BECAUSE OF BACK BREAKING THE DOOR.



- 8) 8.1) Measure the distance from the torsion shaft to the pulley to the floor and calculate the cable length as follows:

**DRUMS:**

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

OMI 18 (6" Dia.) Floor to pulley to shaft + 10".

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

8.3) Cut off excess cable.

- 9) 9.1) Install down lock and handle with self-drillers.

See SPRINGS WARNING on SAFETY page.



9.2) Install cables behind drums and wind springs as specified on the front cover. Tension one spring with 2 winds, then go to other and wind fully. Stretch the spring out the width of 2 coils then tighten set screws. Go back to the first spring, wind fully and stretch then tighten set screws. ( Add or subtract turns as necessary to give positive door operation.)

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

See BUMPER SPRINGS WARNING on SAFETY page.



9.4) Move pull rope on existing door in toward center 4 to 6 inches. (This keeps it from being trapped in the track switch.)

9.5) Install pull rope on the screen door.

9.6) Check that the door sits level with no interference while moving up.  
( Readjust drum position if necessary to level door.)

9.7) Check that the door does not rub on the door frame in the down position.  
( Readjust track as necessary to provide clearance.)

9.8) RE-CHECK ALL HINGE BOLTS AND FASTENERS FOR TIGHTNESS.