

## Cutting Down an 8' Tall Lifestyle Screen to a 7' Tall Lifestyle

To convert an 8'H Lifestyle garage door screen unit to a 7'H unit, you need to do the following:

Overview:

1. Order new springs from ASW:
  - i. For a unit 10+'W to 18'W with the middle passage door you will need a pair of 25/42/40# extension springs.
  - ii. For (a) 10+'W to 18'W unit without the middle passage door or (b) up to 10'W with the middle passage door, you will need a pair of 25/42/35# extension springs.
  - iii. For units under 10'W without the middle passage door, you will need a pair of 25/42/25# extension springs.
2. Cut 12" off the 4 pieces of 2x2 vertical frame members and re-drill the holes.
3. Cut 12" off the top of the 2 vertical tracks and re-drill the holes
4. If the unit has a middle passage door, cut 12" off the bottom of the middle passage door

Tools:

You will need the following tools:

1. 10" (or larger) chop-saw with a blade suitable for cutting non-ferrous metals
2. SawsAll with blade suitable for cutting steel or a grinder with a wheel suitable for cutting steel.
3. Drill with 3/8" and 5/16" drill bits
4. Flat screwdriver
5. ShopVac or Vacuum cleaner
6. Sticky tape
7. Small rubber mallet

Detailed Cutting Instructions (READ COMPLETELY BEFORE BEGINNING. MEASURE TWICE, CUT ONCE!!!):

- A. Cut 12" off the 4 pieces of 2x2 vertical frame members and re-drill the holes.
  - Measure exactly 12" off one end of each of the 2 OUTER vertical frame members (these are the ones with the holes and the brush pile). The remaining length should be exactly 79 1/16".
  - Cut the 12" off each OUTER vertical. Measure the OUTER verticals, they should be exactly 79 1/16"
  - Use the hole pattern on the piece that is cut off, to mark the location of the holes that need to be re-drilled on the end that you just cut. ATTENTION: Be sure that the holes are marked on the same side of the OUTER vertical frame member as the holes at the other end.
  - Re-drill the 2 holes, they are 3/8" diameter.

- Measure exactly 12" off one end of each of the 2 INNER vertical frame members (these are the ones with the 2 spline grooves). The remaining length should be exactly 79 1/16".
- Cut the 12" off each INNER vertical. Measure the INNER verticals, they should be 79 1/16"

B. Cut 12" off the top of the 2 vertical tracks and re-drill the holes

- Measure exactly 12" off the TOP end of the VERTICAL tracks. The TOP end has 2 holes 5/16" in diameter and is the end opposite the knock-out for the electronic eye.
- Cut the 12" off each VERTICAL track using the SawsAll or grinder.
- Use the hole pattern on the piece that is cut off to mark the location of the holes that need to be re-drilled on the end that you just cut.
- Re-drill the 2 holes, they are 5/16" diameter.

C. If the unit has a middle passage door, cut 12" off the bottom of the middle passage door

- Lay the canister of the middle passage door on it's flat side.
- Identify the bottom of the middle passage door. It is the end where the pull-bar of the unit has the smaller end-cap.
- Slide the rubber bumper that is closest to the bottom of the pull-bar up by at least 12" from it's factory set position.
- Using the flat screwdriver, pry the bottom pull-bar end-cap off the bottom of the pull-bar. Place the bottom pull-bar end-cap in a safe location so that you do not lose it.
- Using the flat screwdriver, pry the bottom canister end-cap of the bottom of the canister. Place the bottom canister end-cap AND the red/white bushing that is in the center of the tube in a safe location so that you do not lose either piece.
- The top end-cap of the pull-bar has a slot that allows the pull-bar to be moved up and down along the rubber weld of the roll of screen fabric. Slide the pull-bar down the rubber weld on the roll of screen fabric so that the bottom of the pull-bar, the bottom end of the screen roll, and the raw bottom of the canister are all flush with one another.
- Slide the magnet strip up so that it is jammed against the top of the top pull-bar end-cap.
- Snug-up the pull-bar against the canister. The rubber bumpers should be firmly against the canister.
- Use the sticky tape to hold the pull-bar and canister firmly together. Place the sticky tape approximately 12" from the bottom so that you can place your 12" cut-mark on the tape.
- Measure exactly 12" from the flush bottom of the unit and make your cut mark.
- Set the unit in position on the chop-saw. Get the blade up to full speed. Make one clean cut through the canister, pull-bar and screen.
- Using the shopvac or vacuum cleaner vacuum off the metal filings from the bottom of the unit as much as possible.
- Slide the pull bar back up to its original position so that the top of the rubber weld is flush with the top of the top pull-bar end cap
- Replace the bottom pull-bar end-cap and be sure that the rubber weld fits into the slot that receives it and slide the magnet strip down into the slot that also receives it. Gently tap the bottom pull-bar end-cap with the rubber mallet so that it is fully inserted on the pull-bar.
- Place the red/white bushing into the center tube of the screen roll so that the tooth on the bushing fits loosely into one of the grooves of the center tube

- Replace the bottom canister end-cap on the canister. The canister end-cap has 3 legs that fit into the 3 screw bosses found on the interior of the canister. Gently tap the canister end-cap with the rubber mallet so that it is fully inserted on the canister
- Measure the assembled canister from tip to tip. It should be exactly 79".
- Test that the unit works properly by setting the bottom end firmly on the ground, grab the canister with one hand, grab the pull-bar with one hand and pull the pull-bar away from the canister for about 2 feet and let it retract back into the canister.
- Cut the side rail with the magnet strip down to exactly 79" long.

**YOU ARE NOW READY TO BEGIN THE ASSEMBLY OF YOUR 7'H LIFESTYLE SCREEN.**