

## INSTRUCTIONS FOR INSIDE MOUNT APPLICATIONS

46 mm Screen Cassette

### BEFORE YOU BEGIN:

Determine which mounting application you desire: Inside or Outside Mount.

You can mount the Cassette for left or right Control by mount it the other way

### CAUTION: READ BEFORE BEGINNING

- A. This is not a safety screen. This product will not stop a child from falling out.
- B. Use eye protection when cutting and installing to protect eyes from flying parts.
- C. Read complete installation instructions before beginning. Familiarize yourself with the parts description in Figure B.

### STEP 1 • Measuring and Cutting

Determine the maximum opening height & width for mounting your screen. Refer to illustrations at right. Check for interference with garage door.

Record your opening measurements on the chart below to calculate your measurements.

OPENING WIDTH _____ "	LESS 7/8" TO ALLOW FOR END CAPS - 7/8"	CASSETTE LENGTH = _____ "
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OPENING HEIGHT _____ "	LESS 2-1/8" TO ALLOW FOR CASSETTE CAPS & SNAP CLIPS - 2-1/8"	INSIDE & OUTSIDE RAIL LENGTHS (B & C) = _____ "
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Cut all parts to length using the calculations above. **Keep the plastic film on the cassette until all cuts are completed.**

**IMPORTANT:** Use a square or miter box to insure straight cuts on the cassette.

### STEP 2 • Preparing the Cassette

Remove the pile weatherstrip from inside cassette. Insert spring assembly (1) into the correct end of the cartridge (the assembly will only fit correctly into one end of the cartridge). Make sure to line up the spring and bushing notches with the slot in the center screen tube. Wind the spring clockwise (12 times for screens 96"-108" wide) and push into place. Adjust the spring tension for smaller or larger openings. A rubber mallet is helpful when pushing spring into position.

### TOOLS NEEDED:

- Phillips screwdriver
- Needle nose pliers
- Hacksaw or power miter saw
- Marking pencil or pen
- Measuring tape
- Square or miter box
- Utility knife
- Drill and 1/8" drill bit

### FIGURE A

INSIDE

TOP VIEW

GARAGE DOOR JAMB

GARAGE DOOR JAMB

← OPENING WIDTH →

OUTSIDE

SIDE VIEW

GARAGE DOOR HEAD

OUTSIDE

INSIDE

▲  
OPENING HEIGHT

(Snap Clip) 5

SILL

### OPPOSITE END OF CARTRIDGE

Test chain guide (2) for smooth operation. If it's too tight, loosen allen screw. Insert end cap with chain guide (2) into cartridge and push into place.

### Remove the plastic wrap

Slide one piece of weatherstrip into bottom slot of pull bar (D) and the other piece into the top of the cassette. Insert pull bar end caps (4) into ends of pull bar (D) as shown.

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### STEP 3 • Mounting the Cassette

Mount the cassette snap clips (5) to the inside head of opening as shown (Figure A, side view). When installed, the clips should be centered above the cassette. Install the screw into the center of the slot to allow front to back adjustment (see Figure A). Snap the cassette (A) into place. Secure the cassette in place by screwing endcaps (1 & 2) to door jamb. **NOTE:** the clips lower the cassette down into the opening 1/4". The same 1/4" gap should be left above each end cap to avoid bowing the cassette.

### STEP 4 • Installing Side Rails

Slide both outside rails (C) onto the tabs protruding from the cassette caps (1 & 2). Attach to jamb with screws

provided. Press inside rails (B) into outside rails (C) until they are evenly seated (detail A). Optional Pull Bar Locks (9) may be attached if desired to help hold pull bar closer to ground on uneven floors.

### STEP 5 • Chain Lock

Position chain lock (3) in an easy-to-reach location below the cassette. Note the spring in the cassette is for tension only. You will need to raise and lower the screen by using the chain. **CAUTION: This chain should be kept out of the reach of children at all times.**

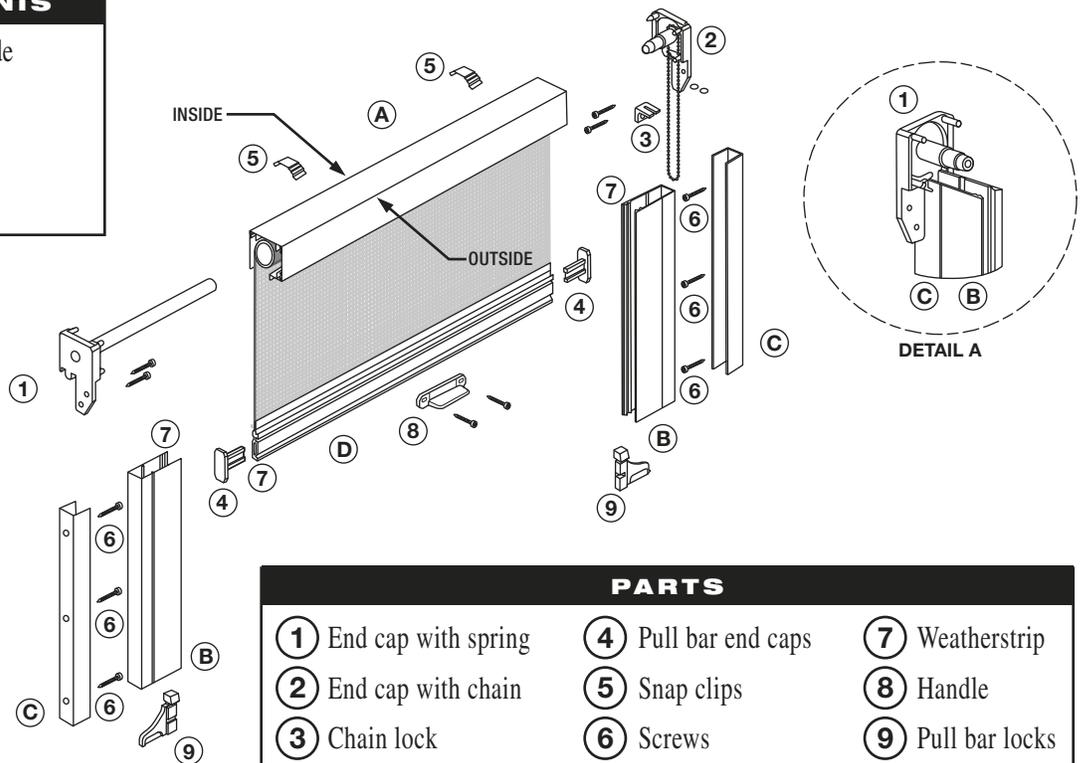
### STEP 6 • Handle

Attach handle (8) to pull bar using the supplied screws.

#### VERTICAL SLIDING SCREEN BASIC COMPONENTS

- (A) Cassette – screen inside
- (B) Inside rails
- (C) Outside rails
- (D) Pull bar

#### FIGURE B



#### OPTIONS

- PVC bulb seal is available (in place of the pile weatherstrip) for use on the lead edge of the pull bar (part # 00-02220-0-5).
- Decorative stiffener profile for use on one or both sides of the pull bar. This profile is attractive and it adds stability and ballast which will enhance the performance of larger screens (part # 01-06210).

#### PARTS

- (1) End cap with spring
- (2) End cap with chain
- (3) Chain lock
- (4) Pull bar end caps
- (5) Snap clips
- (6) Screws
- (7) Weatherstrip
- (8) Handle
- (9) Pull bar locks

#### TROUBLESHOOTING GUIDE

<b>Difficult to pull across the opening.</b>	Make sure the screen cassette has a 90-degree angle cut. If it does not, trim so it has a straight cut. Check side rails as the screws may not have been driven flush into the inside rails.
<b>Screen binds or will not retract into the casing properly.</b>	See steps above. Check to see if the weatherstrip pile is binding in the inside rails. <b>NOTE:</b> Spring is an assist mechanism. You may need to push the screen completely closed.
<b>Brush pile moves in the side guides.</b>	Ends of the brush pile and aluminum track need to be crimped together to prevent movement.
<b>Screen is torn.</b>	Replace cassette through dealer. They will need to know model, size and color of your system.
<b>Cannot get cassette to snap into clips.</b>	Insert back corner of cassette into clip first, then rotate it from back to front.
<b>Screen does not retract evenly.</b>	Pull the screen all the way down to bottom of opening. This will help the screen realign itself.

## INSTRUCTIONS FOR OUTSIDE MOUNT APPLICATIONS

46 mm Screen Cassette

### BEFORE YOU BEGIN:

Determine which mounting application you desire: Inside or Outside Mount.

### CAUTION: READ BEFORE BEGINNING

- A. This is not a safety screen. This product will not stop a child from falling out.
- B. Use eye protection when cutting and installing to protect eyes from flying parts.
- C. Read complete installation instructions before beginning. Familiarize yourself with the parts description in Figure B.

### STEP 1 • Measuring and Cutting

Determine the maximum opening height & width for mounting your screen. Refer to illustrations at right. Check for interference with garage door.

Record your opening measurements on the chart below to calculate your measurements.

OPENING WIDTH _____ "	LESS 7/8" TO ALLOW FOR END CAPS - 7/8"	CASSETTE LENGTH = _____ "
OPENING HEIGHT _____ "	LESS 2-1/8" TO ALLOW FOR CASSETTE CAPS & SNAP CLIPS - 2-1/8"	RAIL LENGTH = _____ "

Cut all parts to length using the calculations above. **Keep the plastic film on the cassette until all cuts are completed.**

**IMPORTANT:** Use a square or miter box to insure straight cuts on the cassette.

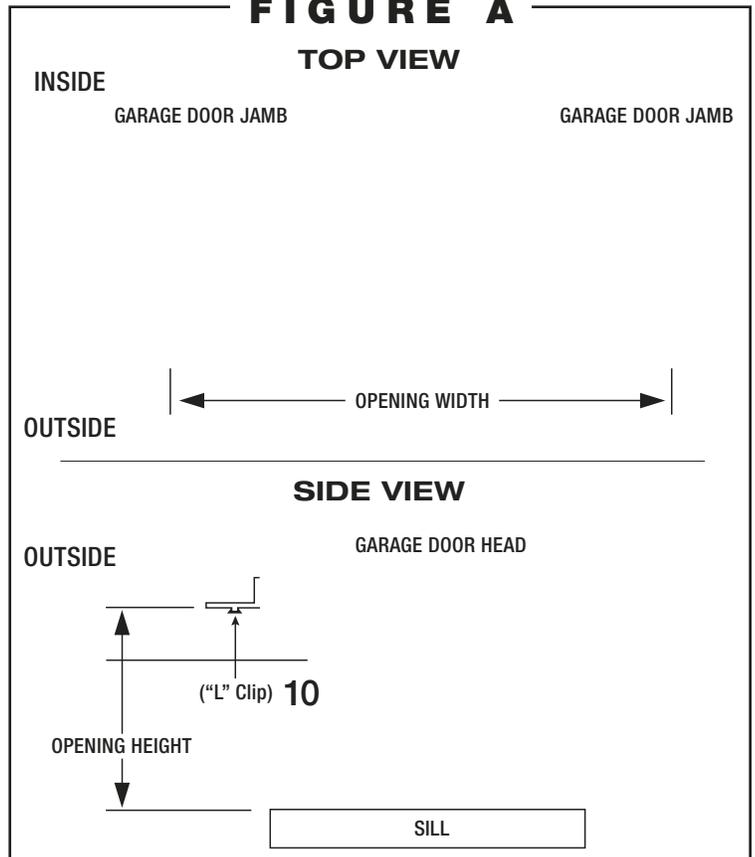
### STEP 2 • Preparing the Cassette

Remove the pile weatherstrip from inside cassette. Insert spring assembly (1) into the correct end of the cartridge (the assembly will only fit correctly into one end of the cartridge). Make sure to line up the spring and bushing notches with the slot in the center screen tube. Wind the spring clockwise (12 times for screens 96"-108" wide) and push into place. Adjust the spring tension for smaller or larger openings. A rubber mallet is helpful when pushing spring into position.

### TOOLS NEEDED:

- Phillips screwdriver
- Needle nose pliers
- Hacksaw or power miter saw
- Marking pencil or pen
- Measuring tape
- Square or miter box
- Utility knife
- Drill and 1/8" drill bit

### FIGURE A



### OPPOSITE END OF CARTRIDGE

Test chain guide (2) for smooth operation. If it's too tight, loosen allen screw. Insert end cap with chain guide (2) into cartridge and push into place.

### Remove the plastic wrap

Slide one piece of weatherstrip into bottom slot of pull bar (D) and the other piece into the top of the cassette. Insert pull bar end caps (4) into ends of pull bar (D) as shown.

# INSTRUCTIONS FOR OUTSIDE MOUNT APPLICATIONS

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### STEP 3 • Mounting the Cassette

Slide the surface mount 'L' clips (10) into the top of the cassette (Figure A, side view). The clips should be evenly spaced between garage door jambs. Make sure cassette is level and then screw clips in place. **NOTE:** It is recommended to put 4 'L' clips in the 16' screens and 2 'L' clips for 8' to 10' screens.

### STEP 4 • Installing Side Rails

Slide side inside rails (B) onto the tabs protruding from the cassette caps (1 & 2). Use an 1/8" drill bit and first drill through both sides of the rails where it is to be fastened. Next, using a 3/8" bit, drill through the outside face only. This will allow you to snap the screw hole caps (11) in

place. Square and attach rails with screws provided. Install screw caps. Optional Pull Bar Locks (9) may be attached if desired to help hold pull bar closer to ground on uneven floors.

### STEP 5 • Chain Lock

Position chain lock (3) in an easy-to-reach location below the cassette. Note the spring in the cassette is for tension only. You will need to raise and lower the screen by using the chain. **CAUTION: This chain should be kept out of the reach of children at all times.**

### STEP 6 • Handle

Attach handle (8) to pull bar using the supplied screws.

### VERTICAL SLIDING SCREEN BASIC COMPONENTS

- (A) Cassette – screen inside
- (B) Inside rails
- (C) Outside rails
- (D) Pull bar

### OPTIONS

- PVC bulb seal is available (in place of the pile weatherstrip) for use on the lead edge of the pull bar (part # 00-02220-0-5).
- Decorative stiffener profile for use on one or both sides of the pull bar. This profile is attractive and it adds stability and ballast which will enhance the performance of larger screens (part # 01-06210).

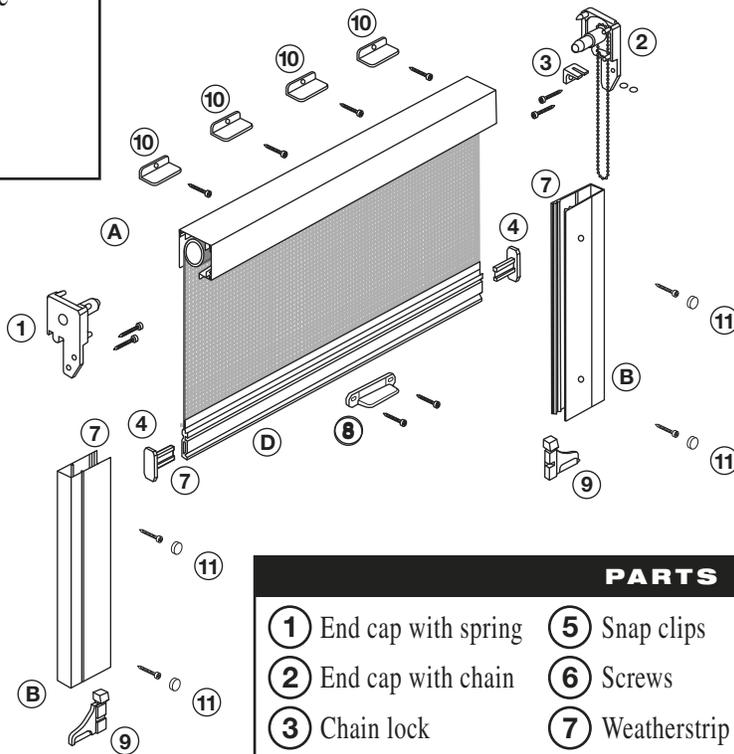


FIGURE B

### PARTS

- |                         |                  |                              |
|-------------------------|------------------|------------------------------|
| (1) End cap with spring | (5) Snap clips   | (9) Pull bar locks           |
| (2) End cap with chain  | (6) Screws       | (10) Surface Mount 'L' Clips |
| (3) Chain lock          | (7) Weatherstrip | (11) Screw Hole Caps         |
| (4) Pull bar end caps   | (8) Handle       |                              |

### TROUBLESHOOTING GUIDE

<b>Difficult to pull across the opening.</b>	Make sure the screen cassette has a 90-degree angle cut. If it does not, trim so it has a straight cut. Check side rails as the screws may not have been driven flush into the inside rails.
<b>Screen binds or will not retract into the casing properly.</b>	See steps above. Check to see if the weatherstrip pile is binding in the inside rails. <b>NOTE:</b> Spring is an assist mechanism. You may need to push the screen completely closed.
<b>Brush pile moves in the side guides.</b>	Ends of the brush pile and aluminum track need to be crimped together to prevent movement.
<b>Screen is torn.</b>	Replace cassette through dealer. They will need to know model, size and color of your system.
<b>Screen does not retract evenly.</b>	Pull the screen all the way down to bottom of opening. This will help the screen realign itself.