

MILANO 200

DOUBLE DOOR SCREEN

EASY-RESIZABLE SCREEN INSTRUCTIONS

MILANO 200 RETRACTABLE SCREEN DOOR

Thank you for choosing the GENIUS® MILANO retractable screen door. If you purchased an easy-resizable unit, or need to modify the size of your retractable screen, please follow these instructions first, then follow the separate installation instructions. If you ordered a custom or stock size unit, please use the installation instructions instead.

These instructions demonstrate installation methods for double panel hinged entry doors. For help installing on a sliding patio or other door please contact us or visit www.geniusscreens.com.

Installation Tools

- Power Screwdriver with Phillips Bit
- Saw with metal-cutting blade
- Tape Measure
- Pliers
- Soft Mallet
- Pencil
- Appropriate Safety Equipment



Installation Questions? Replacement Parts?

WE CAN ASSIST YOU.

1-866-523-9511

Watch the installation video at: www.geniusscreens.com/videos

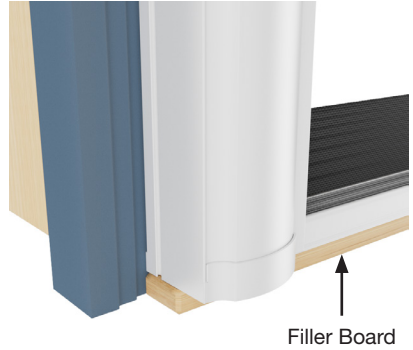


IMPORTANT

Be sure to read all instructions before installing to ensure proper fit and function. Retractable screen doors are not intended to provide security, or restrain objects, animals, or persons.

IMPORTANT

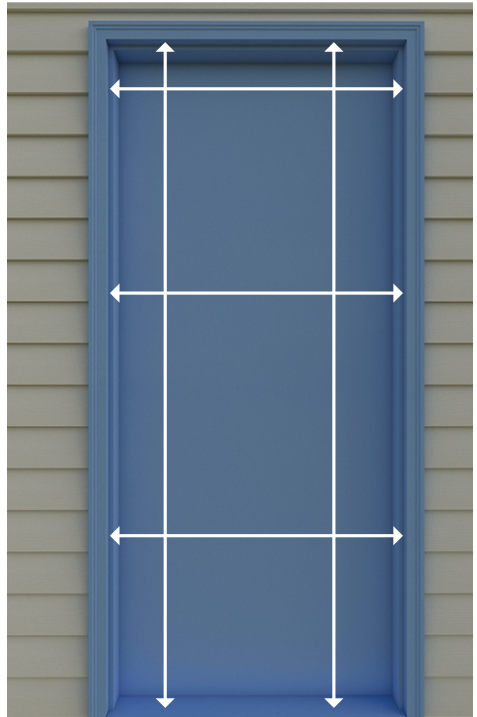
Before you begin installing your new retractable screen door, it is important to note this product requires support underneath the bottom track by either the sill / threshold, or a filler board. This product **CANNOT be installed on a sloped surface. The opening must also be square, level and plumb.** Some modifications to your opening may be required. See installation instruction packet for more details.



MEASURING GUIDE

MEASURING A TYPICAL HINGED DOOR FOR THE NET SCREEN OPENING DIMENSIONS

Determine the "FINAL NET SCREEN OPENING DIMENSION" (width x height) per installation option chosen. Start by measuring at several locations and record the smallest measurement.



OPTION A (RECOMMENDED)

INSIDE THE FRAME INSTALLATION

(Recess/Inset Mounted) at the Brickmold

Note: We recommend ordering the screen using the FINAL NET SCREEN OPENING size.

RECORD MEASUREMENTS

W _____

H _____

Determine the Net Screen Opening by subtracting the applicable deductions from both the width and height measurements. Only apply deductions for components used:

Deduct the following from the **measured WIDTH** to calculate the FINAL NET SCREEN OPENING WIDTH

- 1/16" (1.5mm) always recommended for this installation option

FINAL NET SCREEN

OPENING WIDTH: _____

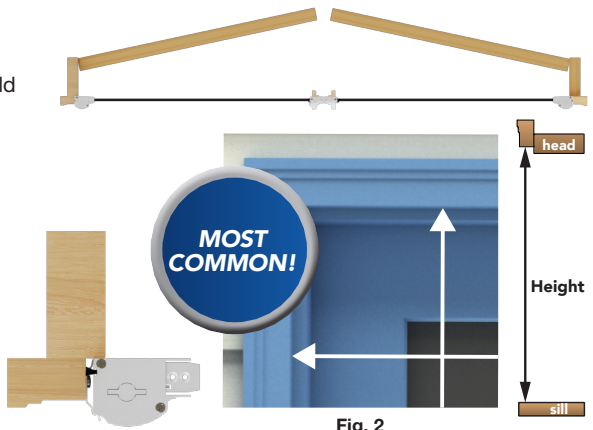


Fig. 2

Deduct the following from the **measured HEIGHT** to calculate the FINAL NET SCREEN OPENING HEIGHT

- 1/16" (1.5mm) for each **L-Threshold Transition** used (see Page 5).
- 1/8" (3mm) if **N-Sloped Sill Wedge Shims** are used, or the thickness of your own shim (see Page 5).
- 1/16" (1.5mm) always recommended for this installation option

FINAL NET SCREEN OPENING HEIGHT: _____

OPTION B

OUTSIDE THE FRAME INSTALLATION

(Surface/Face Mounted)

Note: We will build screen at measurement given (+/- 1/16" or 1.5mm)

Note: We recommend ordering the screen using the FINAL NET SCREEN OPENING size.

RECORD MEASUREMENTS

W _____

H _____

Determine the Final Net Screen Opening by subtracting the applicable deductions from both the width and height measurements.

No deductions needed for the WIDTH. Measured Width = NET SCREEN OPENING WIDTH

FINAL NET SCREEN

OPENING WIDTH: _____

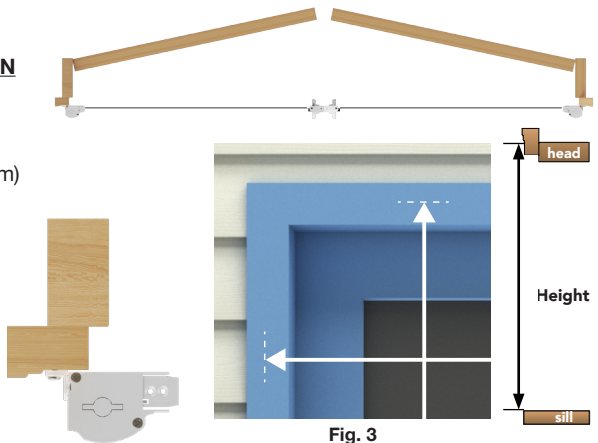


Fig. 3

Deduct the following from the measured HEIGHT to calculate the FINAL NET SCREEN OPENING HEIGHT

- 1/16" (1.5mm) for each **L-Threshold Transition** used (if ordered, see Page 5).

FINAL NET SCREEN OPENING HEIGHT: _____

Option A (Recommended) ONLY
INSIDE THE FRAME INSTALLATION = **Green**

Option B
ONLY OUTSIDE THE FRAME = **Blue**

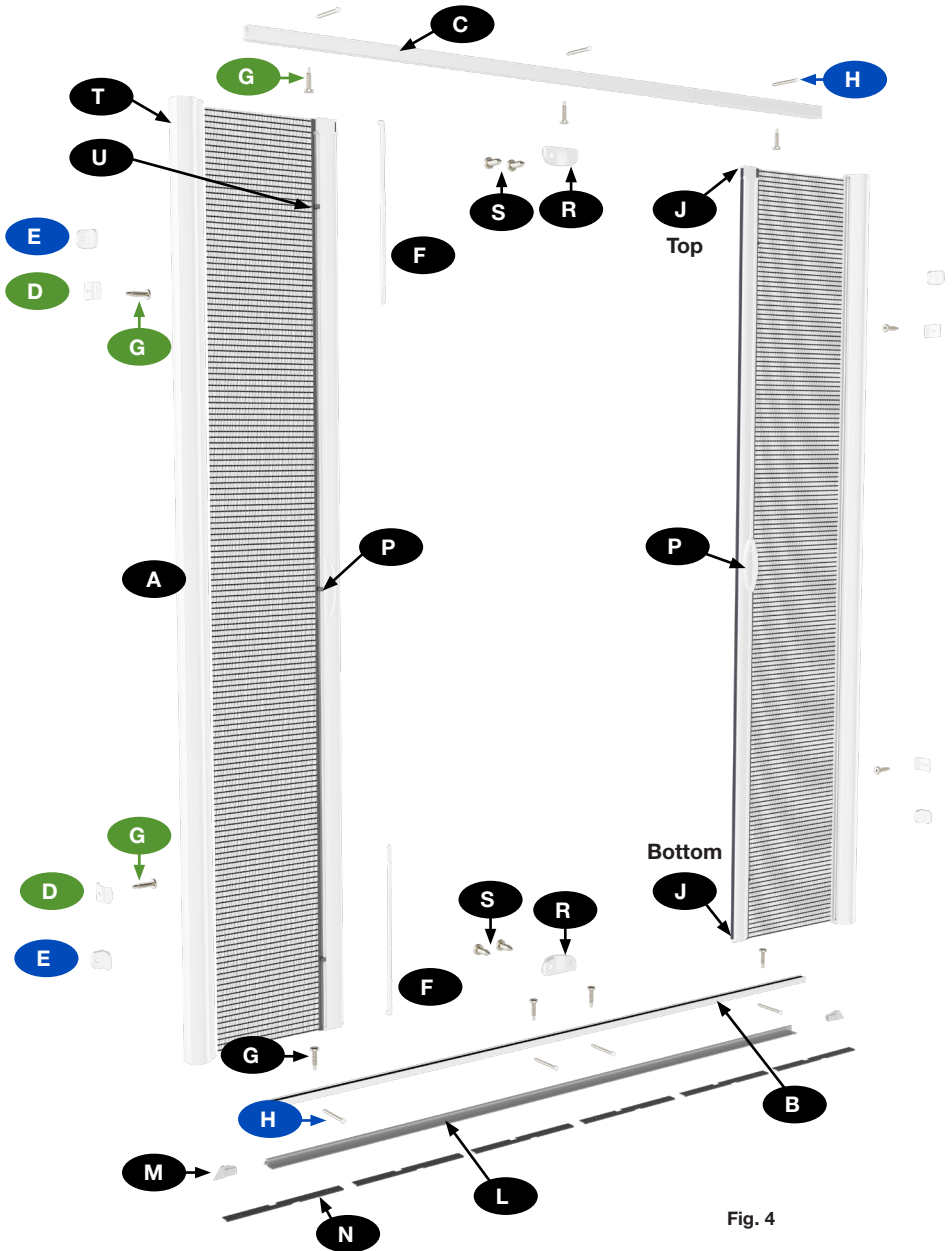
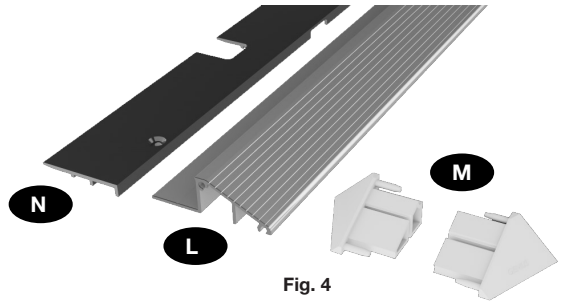


Fig. 4

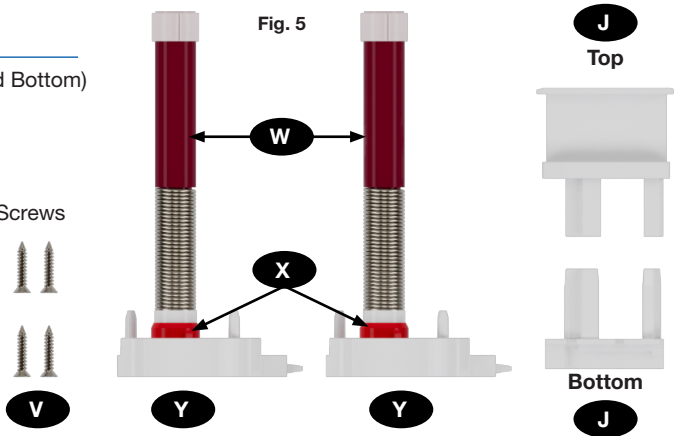
PARTS LIST

- A** - Screen Cassette Assembly
- B** - Bottom Guide Rail
- C** - Top Guide Rail
- J** - Pull Bar End Cap (Top and Bottom)
- L** - Threshold Transition (optional, ordered separately)
- N** - Sloped Threshold Shim (optional, ordered separately)
- V** - #6 x3/4" (19mm) Phillips Screws
- W** - Brake
- X** - Bushing
- Y** - Cassette End Cap



PARTS LIST

- J** - Pull Bar End Cap (Top and Bottom)
- W** - Brake
- X** - Bushing
- Y** - Cassette End Cap
- V** - #6 x3/4" (19mm) Phillips Screws



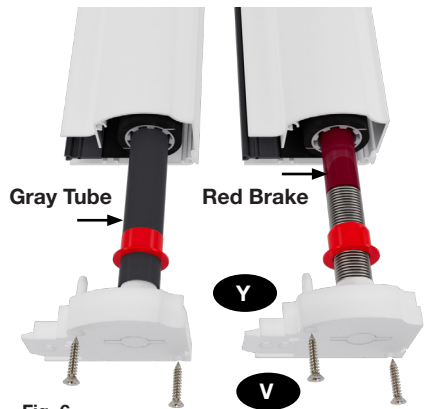
1 REMOVE END CAPS

If you ordered an **Easy Resizable Screen Door** Please proceed to **Step 2**. This has already been done.

All other units:

The **Y-Cassette End Cap** and **J-Pull Bar End Cap** will need to be removed from one side of each **A-Screen Cassette Assembly**. Identifying which end to remove can only be done after the end cap is partially removed. Remove the two screws from the end of one **Y-Cassette End Cap** and pull out about 6 inches. **IMPORTANT: DO NOT** fully remove the end cap until identifying which end it is. Grasp the **Y-Cassette End Cap** firmly to prevent the spring from losing tension.

- If you see a red brake, proceed with removing the end cap.
- If you see a **GRAY TUBE, STOP, DO NOT** pull out the end cap any further or the unit will lose tension. Re-insert end cap and secure with screws.



Next, Pull off **J-Pull Bar End Cap** from the same end of the **A-Screen Cassette Assembly**. Repeat for the other **A-Screen Cassette Assembly**.

2 CUTTING THE CASSETTE

Determine the cut length of the **A-Screen Cassette Assembly** by taking the FINAL NET SCREEN OPENING HEIGHT from Page 3 and subtract 5/16" (8mm) to calculate the **A-Screen Cassette Assembly Cut Length**.

Next, measuring from the outside of the one already installed **Y-Cassette End Cap** [FIG. 7] mark the place where you will cut the **A-Screen Cassette Assembly** and **Pull Bar**. Ensure the **Screen Tube** and **Pull Bar** are all the way on the **A-Screen Cassette Assembly**. Then, using a saw with a metal cutting blade, firmly hold the **A-Screen Cassette Assembly** (with Pull Bar) and cut to size (including the screen fabric) [FIG 8]. Hold upright and tap away the metal shavings.



Fig. 7

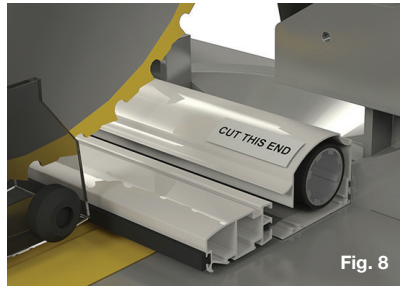


Fig. 8

ONLY the **Pull Bar** of the **A-Screen Cassette Assembly** needs to be trimmed down a little more. Remove the **J-Pull Bar End Cap** to measure the end of the aluminum **Pull Bar** [FIG. 9]. Use the equation below to calculate the cut length and make a mark. Remove the end cap all the way. Then, slide the **Pull Bar** a few inches away from the screen fabric and magnetic strip then cut (without the End Cap) to the required length [FIG. 10]. Hold upright and tap away the metal shavings. Re-secure the **J-Pull Bar End Cap**.

Pull Bar Cut Length = Screen Cassette Assembly Cut Length (from Step 2) - 2-3/16" (56mm)

Repeat for the second **A-Screen Cassette Assembly**.



Fig. 9

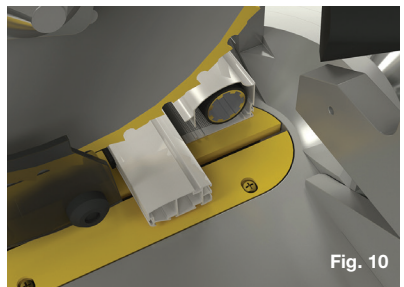


Fig. 10

3 CUTTING THE TOP, BOTTOM RAILS

Using the FINAL NET SCREEN OPENING Width dimension from Page 3 as the starting point, cut these profiles to the following lengths:

	Guide Cut Lengths		
B-Bottom Guide	_____ (W)	- 4-1/8" (108mm)	= _____
C-Top Guide	_____ (W)	- 4-1/8" (108mm)	= _____

Fig. 11

After cutting, use pliers to crimp the Pile/Weatherstrip in place [FIG. 12] so that it does not move in the holding channels [FIG. 13].

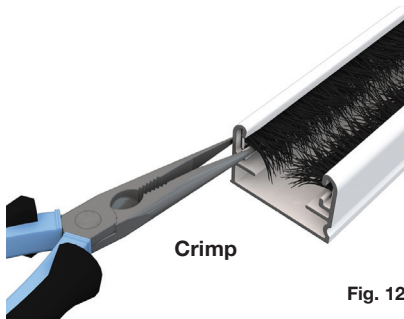


Fig. 12

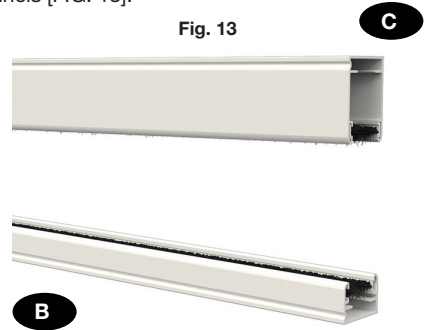


Fig. 13

4 END CAP ASSEMBLY CONT.

W-Brake, X-Bushing and **Y-Cassette End Cap** come pre-assembled.

Slide the **X-Bushing** down the coiled spring to the **W-Brake**. On the open end of the **A-Screen Cassette Assembly**, insert the **W-Brake** with **X-Bushing** into the center of the Screen Tube, aligning the long tooth on both. Next, match up the large pins on the **Y-Cassette End Cap** to the corresponding holes at the end of the **A-Screen Cassette Assembly**. Tap evenly with a soft mallet until the assembly fits snug and secure with two **V-#6x3/4" (19mm) Philips Screws** [FIG. 14].

Make sure that the long tooth on the **X-Bushing** and **W-Brake** line up with one of the slots inside the Screen Tube. Both the **W-Brake** and the **X-Bushing** must be fully inserted into the Screen Tube before the **Y-Cassette End Cap** can be properly seated.

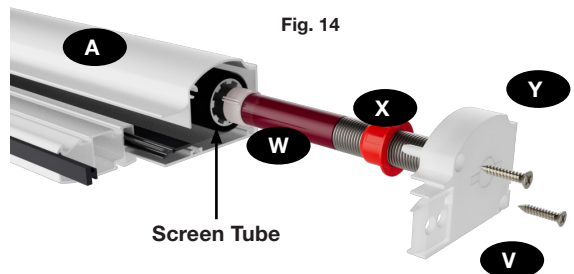


Fig. 14

5 PULL BAR END CAPS

Since the Pull Bar End Caps vary based on the door's handing, the side of the door where you choose to install the screen will determine if you use the right or left handed version of the Bottom and Top Pull Bar End Caps. **Note: Install the shorter J-Pull Bar Bottom End Cap at the bottom and the taller J-Pull Bar Top End Cap at the top [FIG 15, 16, 17].** Each End Cap will have either the letter or "R" or "L" to indicate right or left. Insert the **J-Pull Bar Top End Cap** and **J-Bottom Pull Bar End Cap** into the ends of the **Pull Bar** and tap in place using a soft mallet. If needed, trim the **Magnet** so it extends fully into both Pull Bar End Caps.

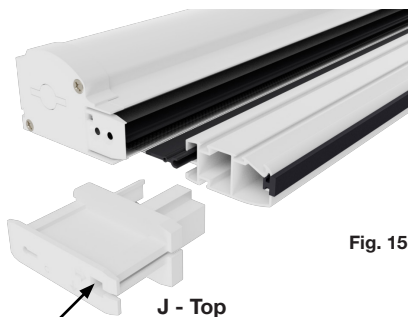


Fig. 15

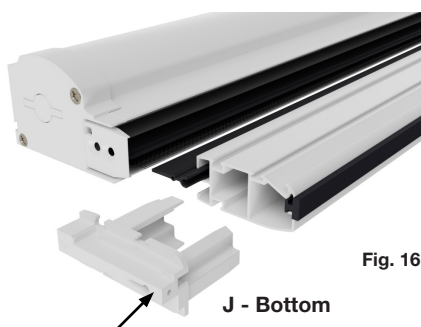


Fig. 16

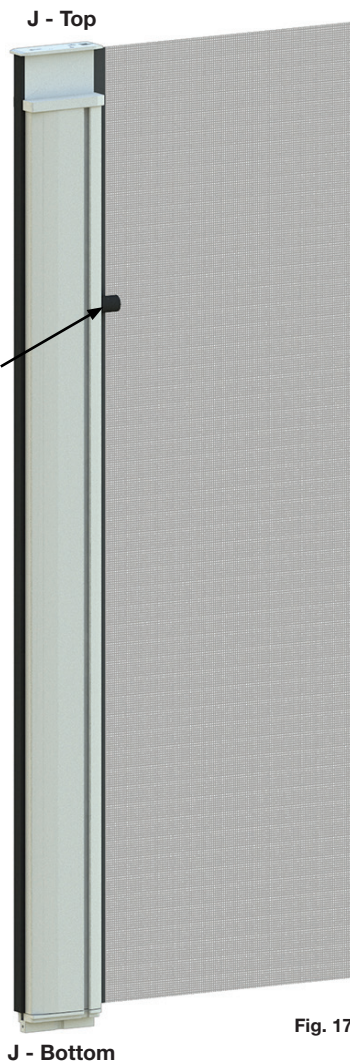


Fig. 17

Ensure the Rubber bumpers are evenly spaced on the pull bar, with one in the middle [FIG. 17].

OPTIONAL THRESHOLD TRANSITION

You may choose to install a **L-Threshold Transition** with **M-End Caps**. This optional feature is ordered separately and helps protect the **B-Bottom Guide Rail** and it is also a nice aesthetic feature. The **L-Threshold Transition** may be installed toward the interior or exterior of the home or use two for this feature on both sides of the **B-Bottom Guide Rail**.

Cut the **L-Threshold Transition** to the FINAL NET SCREEN OPENING Width, less 6-1/4" (159mm) in preparation for installation.

This instruction packet is complete. Please proceed to separate installation instruction packet.

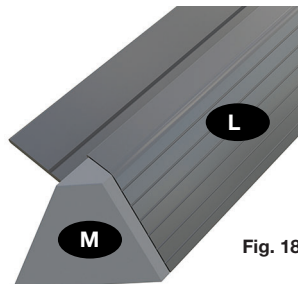


Fig. 18