



Screen Assist

Installation and Owner's Manual

(For Aftermarket Applications)

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Screen Assist Aftermarket Kit

PN	Description	Qty
2021000090	Screen Assist; Rough Opening (RO) 26-30 IN - Aftermarket Kit	1

Introduction

The Screen Assist is a lever handle push bar that allows you to conveniently and effortlessly open your screen door in a simple motion. Screen Assist can alternatively be utilized as a fixed push bar.

Additional information about this product can be obtained from lci1.com/support or by using the LippertNOW app. Replacement kits can be ordered from <https://store.lci1.com/> or by using the LippertNOW app.

The myLCI app is available for free on the Apple App Store® for iPhone® and iPad® and also on Google Play™ for Android™ users.

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Purchase Verification

Handle Style

The Screen Assist will only function as a lever handle push bar if installed on screen doors with the handle style in (Fig.1). The Screen Assist will work as a fixed push bar on screen doors with any handle style. See Mounting Options section.



Fig.1

Door Size

To verify the proper size of the Screen Assist required, just above the threshold (Fig.2A), at the front of the entry door opening (NOT the screen door), measure from doorjamb to doorjamb (Fig.2). Round up approximately $\frac{5}{8}$ " to determine the rough opening (RO) door size. The Screen Assist will only fit doors with rough openings between 26 and 30 inches.

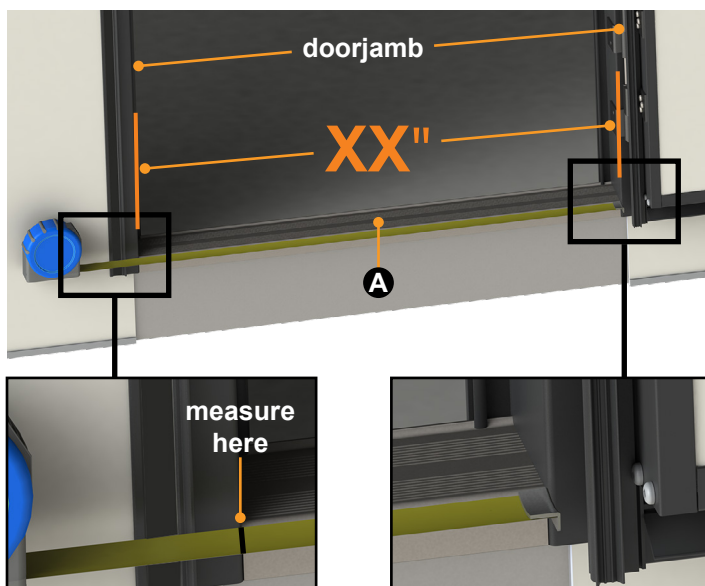


Fig.2

Safety

Read and fully understand all instructions before installing or operating this product. Adhere to all safety labels.

This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system.

⚠ WARNING

THE "WARNING" SYMBOL ABOVE IS A SIGN THAT AN INSTALLATION PROCEDURE HAS A SAFETY RISK INVOLVED AND MAY CAUSE DEATH, SERIOUS PERSONAL INJURY, SEVERE PRODUCT AND/OR PROPERTY DAMAGE IF NOT PERFORMED SAFELY AND WITHIN THE PARAMETERS SET FORTH IN THIS MANUAL.

⚠ CAUTION

THE "CAUTION" SYMBOL ABOVE IS A SIGN THAT A PROCEDURE HAS A SAFETY RISK INVOLVED AND MAY CAUSE PERSONAL INJURY, PRODUCT AND/OR PROPERTY DAMAGE IF NOT PERFORMED SAFELY AND WITHIN THE PARAMETERS SET FORTH IN THIS MANUAL.

⚠ WARNING

FAILURE TO FOLLOW INSTRUCTIONS PROVIDED IN THIS MANUAL MAY RESULT IN DEATH, SERIOUS PERSONAL INJURY AND/OR SEVERE PRODUCT AND PROPERTY DAMAGE, INCLUDING VOIDING OF THE COMPONENT WARRANTY.

⚠ CAUTION

ALWAYS WEAR EYE PROTECTION WHEN PERFORMING SERVICE, MAINTENANCE OR INSTALLATION PROCEDURES. OTHER SAFETY EQUIPMENT TO CONSIDER WOULD BE HEARING PROTECTION, GLOVES AND POSSIBLY A FULL FACE SHIELD, DEPENDING ON THE NATURE OF THE TASK.



Screen Assist

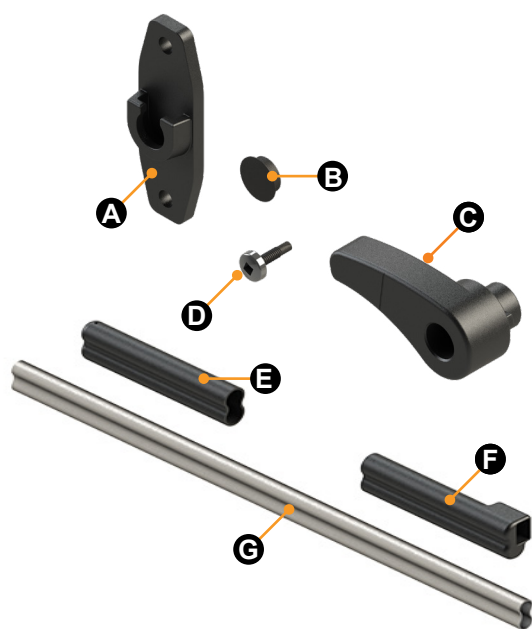
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Resources Required

- Cordless or electric drill or screw gun
- Non-permanent method of marking
- Appropriate drive bits
- Measuring tape
- Small flat blade screwdriver

Parts List



Screen Assist Aftermarket Kit 2021000090			
	PN	Description	Qty
A	2020222201	Mount bracket	2
B	2020222199	Push bar lever handle screw cover	1
C	2020222200	Push bar lever handle	1
D	276611	Screw - #8-18 X 1/2 square head, black	8
E	2020222203	Sleeve	2
F	2020222202	Sleeve - lever handle side	1
G	20203296552	Push bar	1

NOTE: Kit parts will be left over, depending on Mounting Options (Fig.3 and Fig.4).

NOTE: Part numbers are shown for identification purposes only. Not all parts are available for individual sale. All parts with a link to the Lippert Store can be purchased.

Mounting Options

Lever Handle Push Bar

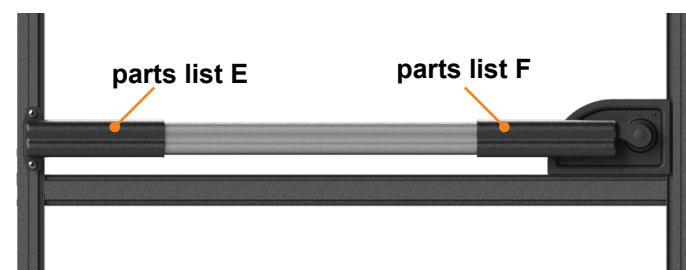


Fig.3

Lever Handle Push Bar Mounting Option Parts List			
	PN	Description	Qty
A	2020222201	Mount bracket	1
B	2020222199	Push bar lever handle screw cover	1
C	2020222200	Push bar lever handle	1
D	276611	Screw - #8-18 X 1/2 square head, black	4
E	2020222203	Sleeve	1
F	2020222202	Sleeve - lever handle side	1
G	20203296552	Push bar	1

Fixed Push Bar

NOTE: If choosing this option, proceed to Fixed Push Bar Installation instructions.



Fig.4

Fixed Push Bar Mounting Option Parts List			
	PN	Description	Qty
A	2020222201	Mount bracket	2
D	276611	Screw - #8-18 X 1/2 square head, black	6
E	2020222203	Sleeve	2
G	20203296552	Push bar	1

Lever Handle Push Bar Installation

These steps detail how to install the lever-style push bar to the inside of the door frame.

Removing Original Lever Handle

Prior to the installation of the lever handle push bar, the original lever handle must be removed and replaced with the shorter push bar lever handle that fits into the receiver sleeve.

1. Using a small flat blade screwdriver, remove the screw cover on the original lever handle on the inside of the door (Fig.5), then remove the screw.
2. Remove the original inside door lever handle (Fig.5).
3. Install the new push bar lever handle on the inside of the door, noting the location of the insertion line (Fig.6). Hold the lever handle on the opposite side to keep it from falling out while installing the new lever handle.
4. Reinsert the screw and tighten, then install the new screw cover.



Fig.5

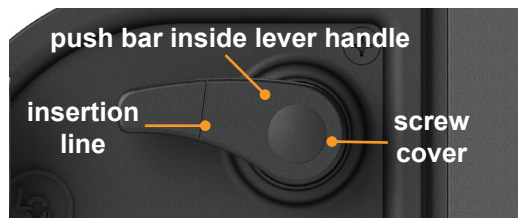


Fig.6

NOTE: Choose one of the following methods to install the sleeves to the push bar. The standard method begins here and the alternate method begins on page 5. Both methods for installing the sleeves to the push bar will utilize the same method for mounting the completed bar to the door.

Sleeve to Bar Installation (Standard Method)

1. Insert the ball of the non-lever side sleeve into the pocket of the mount bracket (Fig.7).
2. Slide the sleeves over the ends of the push bar (Fig. 8)

back view shown
to depict ball

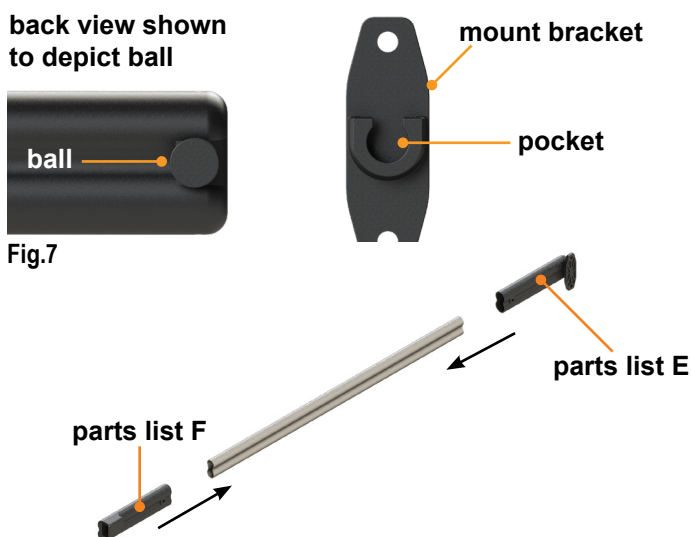


Fig.8

3. From inside the screen door, dry fit the assembly to the door's width. Insert the lever side sleeve up to the insertion line (Fig.6) on the inside push bar lever handle (Fig.9) and align the mount bracket (Fig.7) on the door hinge side so that the bar rests parallel to the frame of the door.

4. Mark the push bar dimensions with a non-permanent marker (Fig.9).

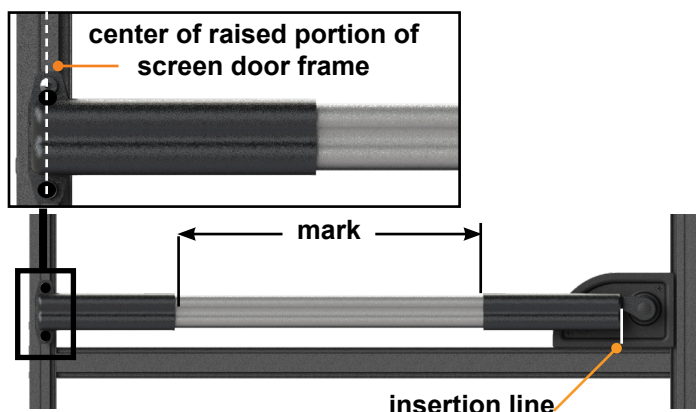


Fig.9

5. Move the assembly to a stable work surface and measure from the ends of the push bar to each mark made previously in step 4. (Fig. 10A, Fig. 10B)

6. Add these measurements together, then divide that sum by 2. Then, using a non-permanent marker make new marks on each end of the push bar equal to this new number. *Example:* If measurement (Fig. 10A) = 1 1/2" and measurement (Fig. 10B) = 3", adding them equals 4 1/2". Then, 4 1/2" divided by 2 equals 2 1/4". Re-apply marks on each end of the bar at 2 1/4".

NOTE: This centers the push bar between the sleeves, ensuring that there is an equal amount of bar for strength inside each sleeve.

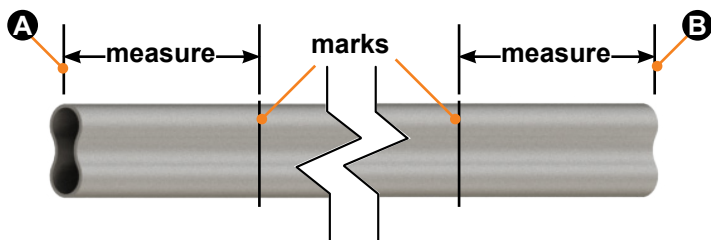


Fig.10

7. Slide the sleeves onto each end of the push bar to the new marks and, using the supplied screws, fasten the sleeves to the push bar. (Fig.11). The push bar is now complete.

NOTE: Ensure that care is taken when measuring and fastening the push bar to the sleeves. The screw creates a hole in the bar, and once installed, small adjustments cannot be made.

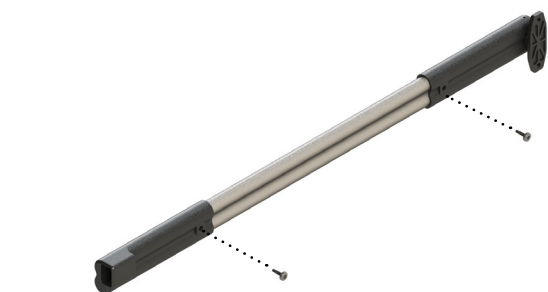


Fig.11

Sleeve to Bar Installation (Alternate Method)

NOTE: Additional assistance may be needed for this method.

1. Measure to find center point on the push bar. Mark the center point with a non-permanent marker (Fig 12).

2. Slide sleeves over the ends of the push bar (Fig.12).

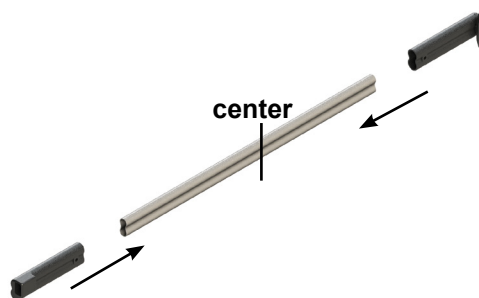
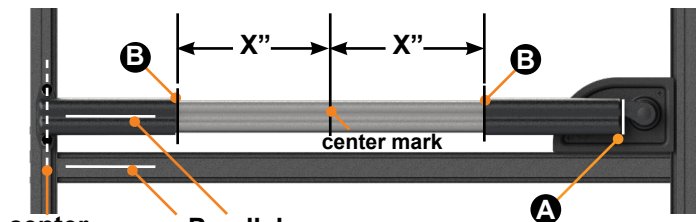


Fig.12

3. From inside the screen door, dry fit the assembly to the door's width. Insert the lever side sleeve up to the insertion line on the inside push bar lever handle (Fig. 13A) and align the mount bracket on the door hinge side so that the bar rests parallel to the frame of the door (Fig. 13). The sleeve mount bracket should be centered vertically on the raised portion of the screen door frame (Fig. 13).

4. Adjust the push bar in the sleeves and measure to make sure an equal amount of bar (X") is showing from the center mark made in step 1 to the start of the each sleeve (Fig. 13). This ensures there is an equal amount of bar inside each sleeve for strength. Mark on the bar where the sleeves start with a non-permanent marker (Fig.13B). You may need additional assistance to hold the assembly in place while the measurements are taken and marks are made.



center

Fig.13

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5. Move the assembly to a stable work surface and install the sleeves to the marked dimensions using the provided screws (Fig.14). The push bar is now complete.

NOTE: Ensure that care is taken when measuring and fastening the push bar to the sleeves. The screw creates a hole in the bar, and once installed, small adjustments cannot be made.

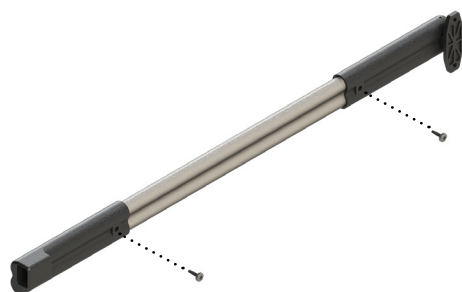


Fig.14

Completed Lever Push Bar to Door Installation

1. Insert the lever side sleeve up to the insertion line on the inside push bar lever handle (Fig.15). The sleeve should rest at the insertion line on the lever handle.



Fig.15

NOTE: If a sliding panel is present on the door, ensure that it is out of the way during the Screen Assist installation to avoid any accidental damage to the sliding panel. If the sliding panel is all the way to the hinge side of the door, damage from installing the bracket will occur.

2. Mount the bracket on the screen door to the center of the raised portion of the screen door frame (Fig.16).

NOTE: As a guide during installation, the bottom of the mount bracket will rest near the top of the mid-door crossbar and the push bar should be parallel to the crossbar (Fig.13). Adjust as needed.

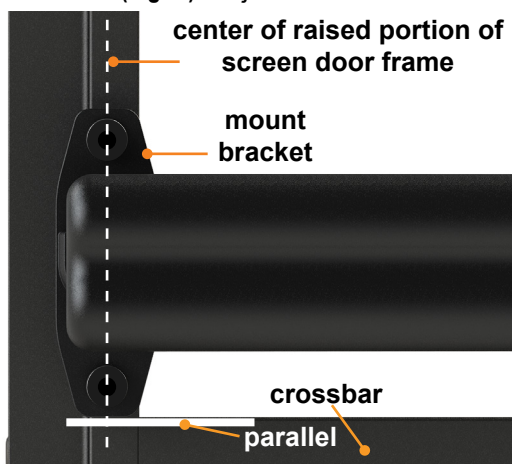


Fig.16

3. Using two of the supplied screws secure the mount bracket to the screen door. (Fig.17). The assembly is now complete

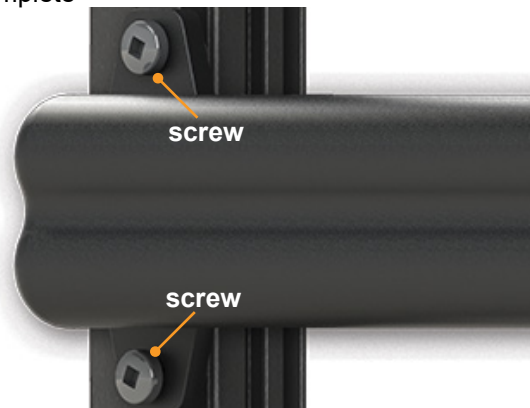


Fig.17

Lever Handle Push Bar Operation

To operate the Screen Assist, push down on the lever handle push bar to unlatch the door.

Fixed Push Bar Installation

These steps detail how to install the fixed-style push bar to the inside of the door frame.

NOTE: Be sure to install two Parts List E sleeves (Fig.19). See the Mounting Options section on page 3 (Fig. 4).

NOTE: Choose one of the following methods to install the sleeves to the push bar. The standard method begins here and the alternate method begins on page 8. Both methods for installing the sleeves to the push bar will utilize the same method for mounting the completed bar to the door.

Sleeve to Bar Installation (Standard Method)

1. On both sleeves, insert the ball of the sleeve into the pocket of the mount bracket (Fig.18).

back view shown
to depict ball

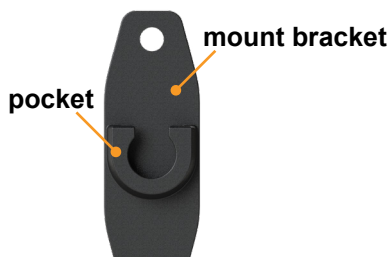
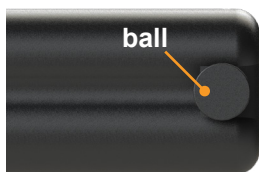


Fig.18

2. Slide the sleeves over the ends of the push bar (Fig. 19)

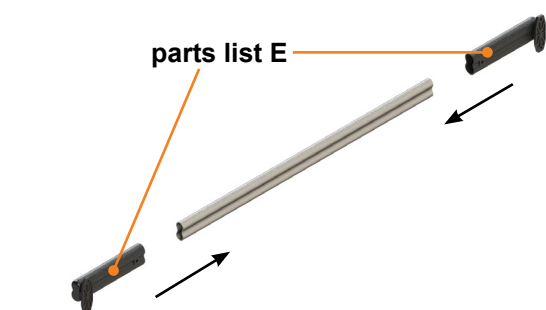


Fig.19

3. From inside the screen door, dry fit the assembly to the door's width. Align the mount brackets (Fig.20) on both sides of the screen door so that the bar rests parallel to the frame of the door. Each sleeve mount bracket should be centered vertically on the raised portion of the door frame. (Fig. 20).

4. Mark the push bar dimensions using a non-permanent marker (Fig.20).

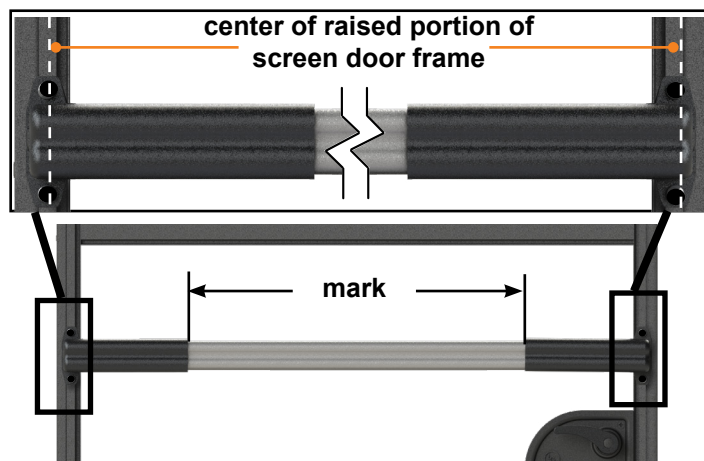


Fig.20

5. Move the assembly to a stable work surface and measure from the ends of the push bar to each mark made previously in step 4 (Fig. 21A, Fig. 21B).

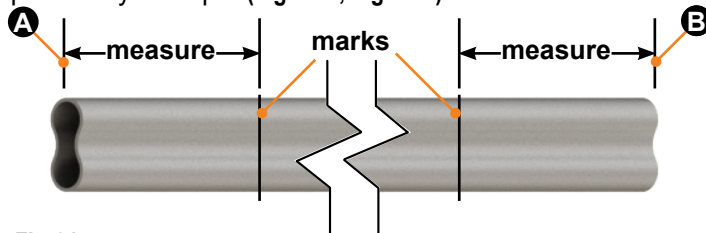


Fig.21

6. Add these measurements together, then divide that sum by 2. Then, using a non-permanent marker, make new marks on each end of the push bar equal to this new number. *Example:* If measurement (Fig. 21A) = 1 1/2" and measurement (Fig. 21B) = 3", Adding them equals 4 1/2". Then, 4 1/2" divided by 2 equals 2 1/4". Re-apply marks on each end of the bar at 2 1/4".

NOTE: This centers the push bar between the sleeves, ensuring that there is an equal amount of bar for strength inside each sleeve.

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7. Slide the sleeves onto each end of the push bar to the new marks and, using the supplied screws, fasten the sleeves to the push bar. (Fig.22).

NOTE: Ensure that care is taken when measuring and fastening the push bar to the sleeves. The screw creates a hole in the bar and, once installed, small adjustments cannot be made.



Fig.22

Sleeve to Bar Installation (Alternate Method)

NOTE: Additional assistance may be needed for this method

1. Measure to find center point on the push bar. Mark the center point with a non-permanent marker (Fig. 23).
2. Slide sleeves over the ends of the push bar (Fig.23).

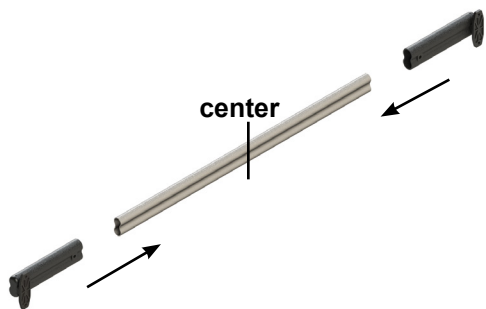


Fig.23

3. From inside the screen door, dry fit the assembly to the door's width. Align the mount brackets on both sides of the screen door so that the bar rests parallel to the frame of the door. Each sleeve mount bracket should be centered vertically on the raised portion of the door frame. (Fig. 20).

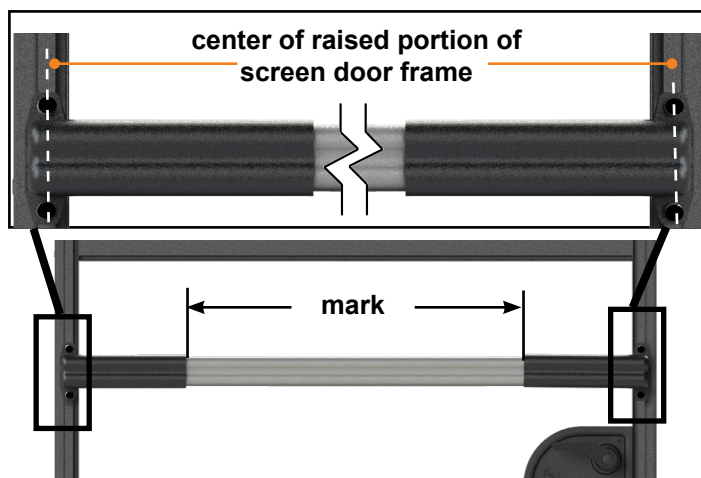


Fig.24

4. Adjust the push bar in the sleeves and measure to make sure an equal amount of bar (X") is showing from the center mark made in step 1 to the start of the each sleeve (Fig. 25). This ensures there is an equal amount of bar inside each sleeve for strength. Mark on the bar where the sleeves start with a non-permanent marker (Fig.25A). You may need additional assistance to hold the assembly in place while the measurements are taken and marks are made.

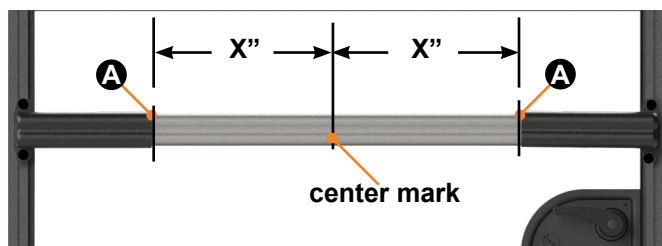


Fig.25

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5. Move the assembly to a stable work surface and install the sleeves to the marked dimensions using the provided screws (Fig.26).

NOTE: Ensure that care is taken when measuring and fastening the push bar to the sleeves. The screw creates a hole in the bar, and once installed, small adjustments cannot be made.



Fig.26

Completed Fixed Push Bar to Door Installation

1. Determine a preferred height for mounting the fixed push bar Screen Assist.
2. Measure from the top of the crossbar to the top hole in the mount bracket on each side of the push bar (Fig.27, Fig.28). Ensure the measurements are identical on both sides so that the bar is installed level to the door.
3. Mark the location of the top holes in the center of the raised portion of the screen door frame (Fig.27, Fig.28).

NOTE: If a sliding panel is present on the door, ensure that it is out of the way during the Screen Assist installation to avoid any accidental damage to the sliding panel. If the sliding panel is all the way to the hinge side or non-hinge side of the door, damage from installing the bracket will occur.

4. Using a cordless or electric drill or screw gun, install the top screws into the mount bracket (Fig.27A, Fig.28A).

5. Install the bottom screws (Fig.27B, Fig.28B). The Assembly is now complete.

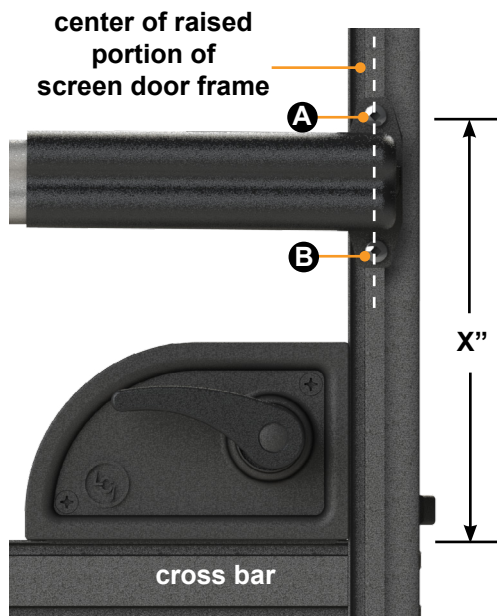


Fig.27

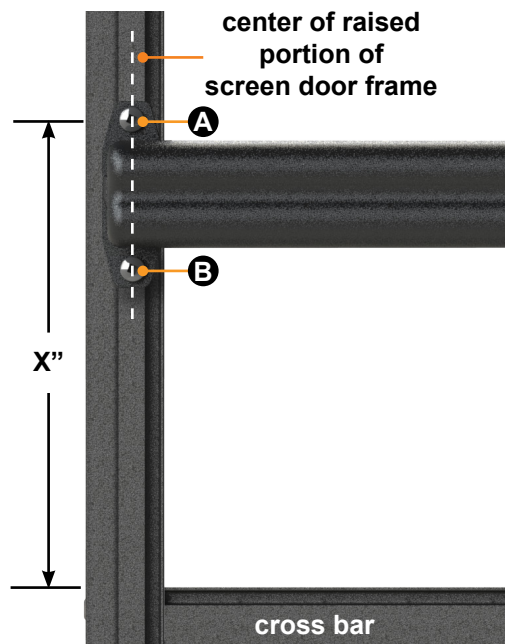
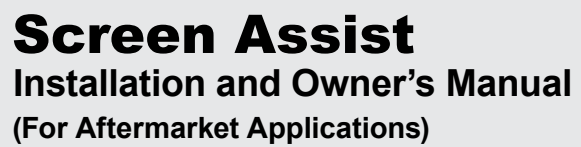
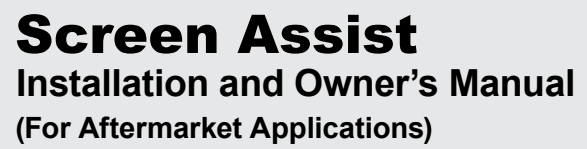


Fig.28

Fixed Push Bar Operation

1. The fixed push bar can be used as needed to assist in opening or closing the screen door in conjunction with the existing screen door handle.

[illegible]





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