

Installation Guide

Replacement Damper Endcap for Andersen® LuminAire® Retractable Insect Screen Door & LuminAire® Retractable Insect Screen Double Door

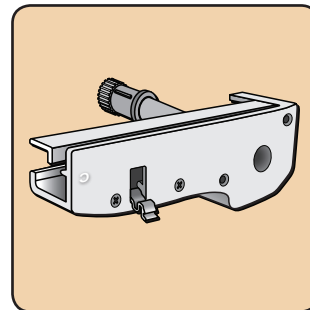
For installation help please visit www.AndersenLuminAire.com/install



Please Do Not Return Product to Store!

PLEASE call the Storm Door Solution Center at 844-813-6664, with any questions regarding installation, lost part replacement, or anything else related to your retractable insect screen purchase. Replacement parts can also be found at: parts.andersenstormdoors.com

Read this entire guide before you begin your installation. If your abilities do not match the requirements of this installation, contact an experienced contractor.



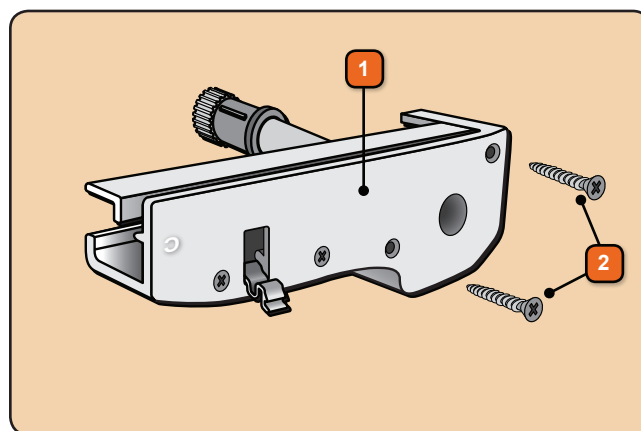
PARTS OVERVIEW

Your replacement part should contain the following parts.

- 1 Damper Endcap (C)
- 2 Damper Endcap Screws

NOTICE

To avoid product damage, be sure to place all parts of your retractable insect screen on a soft non-abrasive surface such as carpet, drop cloth placed on your lawn or cardboard.



SAFETY FIRST: Please read and follow all Cautions and Warnings in this guide.

! WARNING

Follow manufacturers' instructions for hand and power tools. Always wear safety glasses. Failure to do so could result in injury, product or property damage.

! WARNING

Windows and doors can be heavy. Use safe lifting techniques and a reasonable number of people with enough strength to lift, carry, and install window and door products. Heavier windows and doors will require mechanical assistance. Failure to do so could result in injury, product or property damage.

! CAUTION

Metal components of the retractable insect screen may become hot when exposed to sunlight.

! WARNING

Metal fasteners and components could corrode when exposed to preservative-treated or fire-retardant treated lumber. Use approved fasteners and components to fasten window or door. Failure to do so could cause a failure resulting in injury, product or property damage.

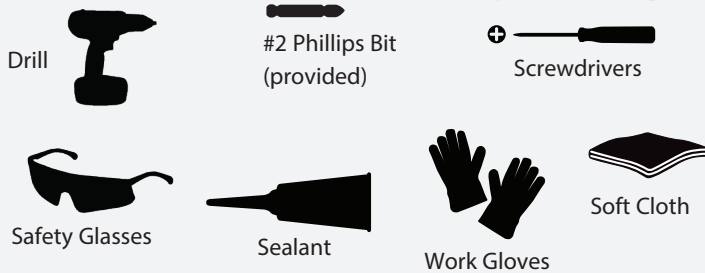
IMPORTANT

The retractable insect screen is intended for reasonable insect control and not the retention of objects, persons, or pets within the interior. The retractable insect screen will not stop a person from falling through the door.

Fastener must attach to a structural framing member with a 1" minimum fastener embedment. Failure to do so could result in injury, product or property damage.

DO NOT remove screws that attached installation clips or gusset plates to window or door frames. Doing so could result in injury, product or property damage.

RECOMMENDED TOOLS



This is the Safety Alert Symbol used to alert you to potential injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

Signal Word and Consequence

COULD
Result in:

! WARNING
Major Injury / Death

COULD
Result in:

! CAUTION
Minor Injury

COULD
Result in:

NOTICE
Product or Property Damage

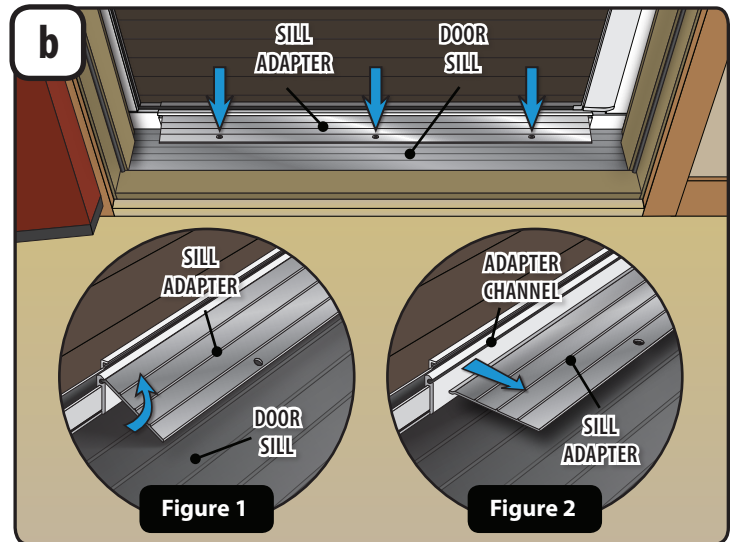
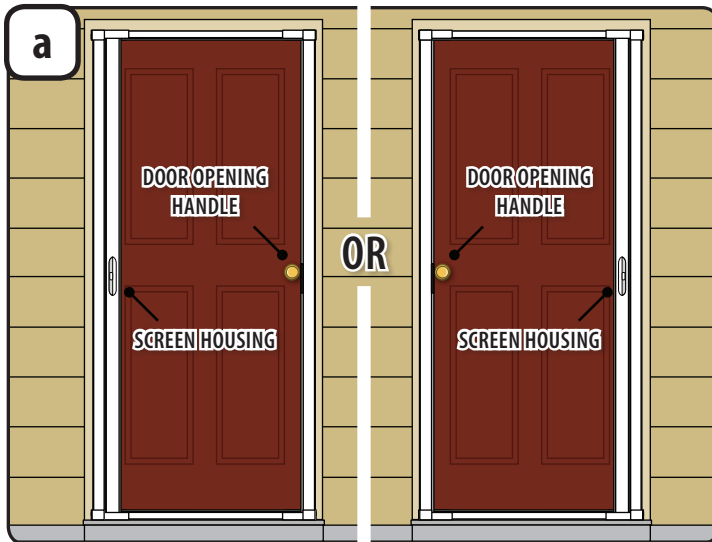
IMPORTANT
Procedure and Product Information

1 REMOVAL (single door)

Tools Recommended:



#2 Phillips Bit (provided)



a From the exterior of the screen assembly, take note of the screen assemblies orientation. This is the orientation the screen assembly should be in when reinstalled.

b1 From the interior of the screen assembly, remove the three screws from the **Sill Adapter**. Save the screws for reinstallation.

b2 Rotate **Sill Adapter** up and pull out of **Adapter Channel** (see Figures 1 & 2).

b3 Save the **Sill Adapter** for reinstallation in future step.

b3 Go to page 4, "1 REMOVAL Continued for Single Door".

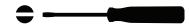
1

REMOVAL (double door)

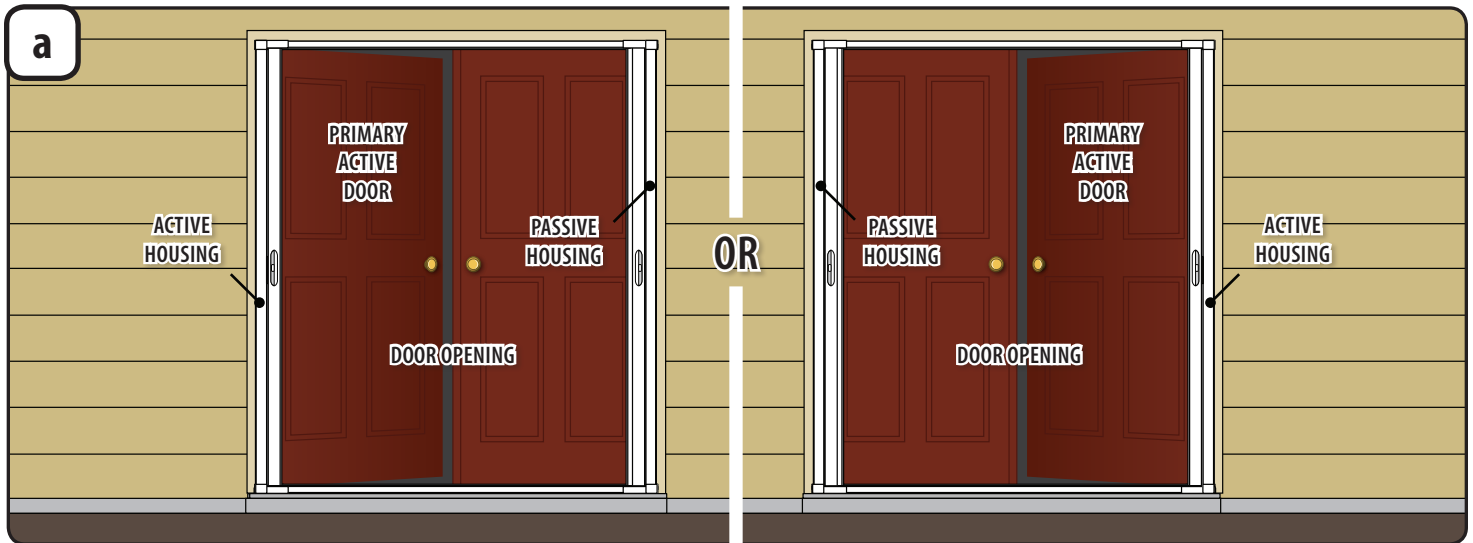
Tools Recommended:



#2 Phillips Bit
(provided)



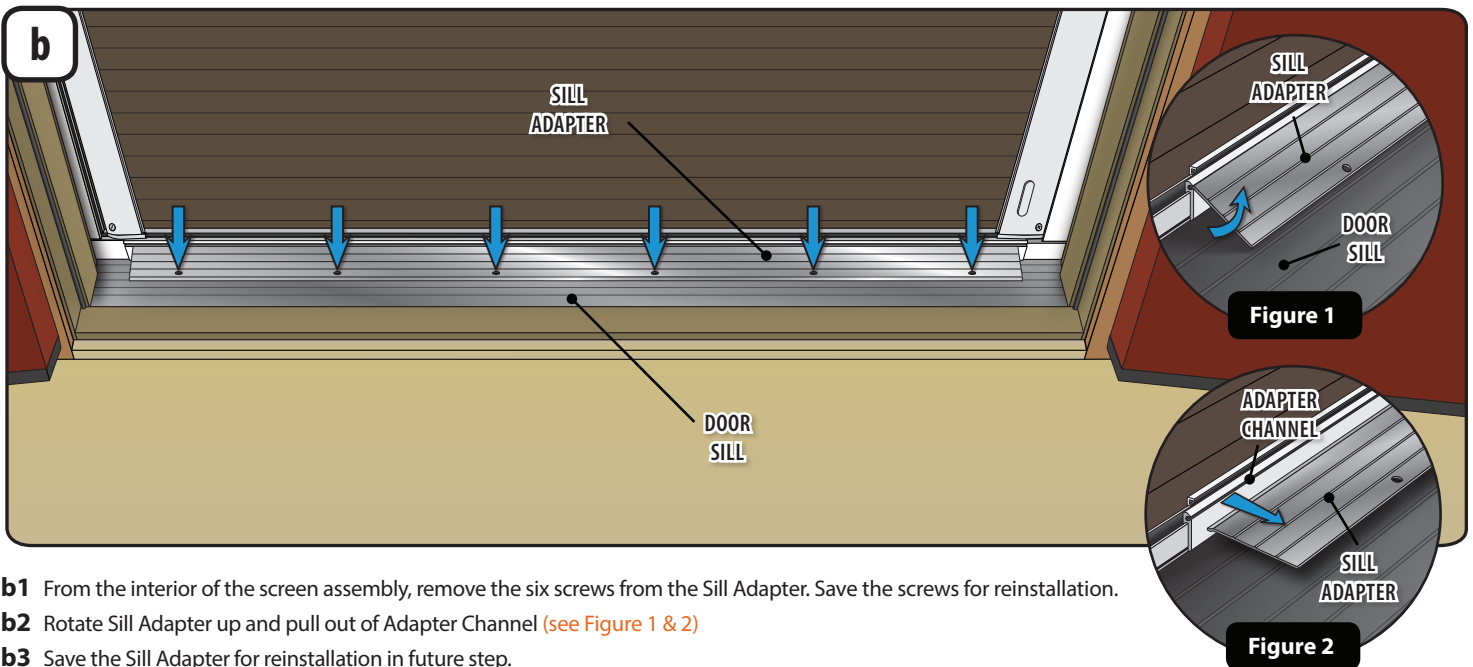
Screwdriver



NOTICE

To avoid product damage, it is recommended to use two (2) people to uninstall and reinstall double door unit into the door opening.

a1 From the exterior of the screen assembly, take note of the screen assembly's orientation. This is the orientation the screen assembly should be in when reinstalled.



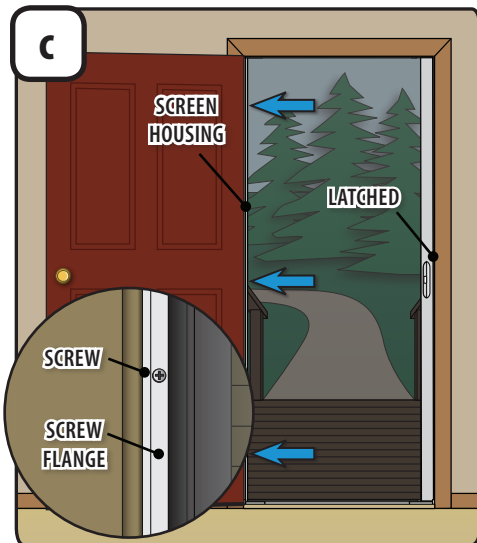
b1 From the interior of the screen assembly, remove the six screws from the Sill Adapter. Save the screws for reinstallation.

b2 Rotate Sill Adapter up and pull out of Adapter Channel (see Figure 1 & 2)

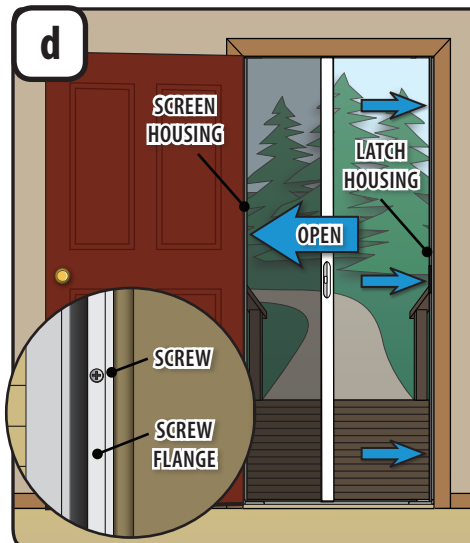
b3 Save the Sill Adapter for reinstallation in future step.

b4 Go to page 4, "1 REMOVAL Continued for Double Door".

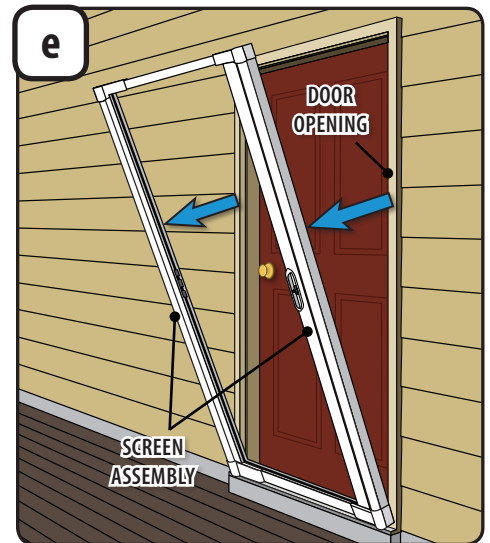
1 REMOVAL - Continued for Single Door



- c** From the interior of the screen assembly, with the screen extended and in the latched position, remove the three screws from the **Screw Flange** on the **Screen Housing** side, save screws for reinstallation.

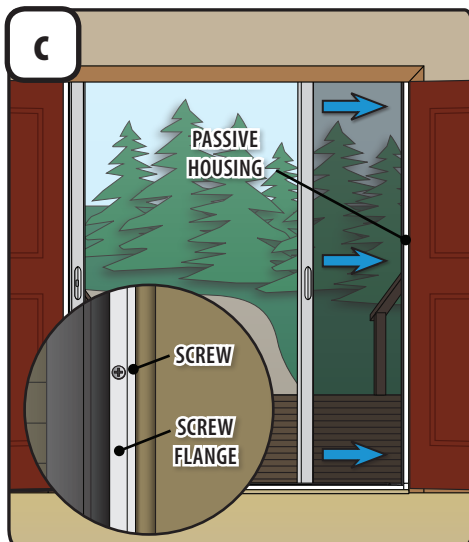


- d** Unlatch and open the insect screen. Remove the three screws on the **Screw Flange** on the **Latch Housing** side, supporting the screen assembly as needed.

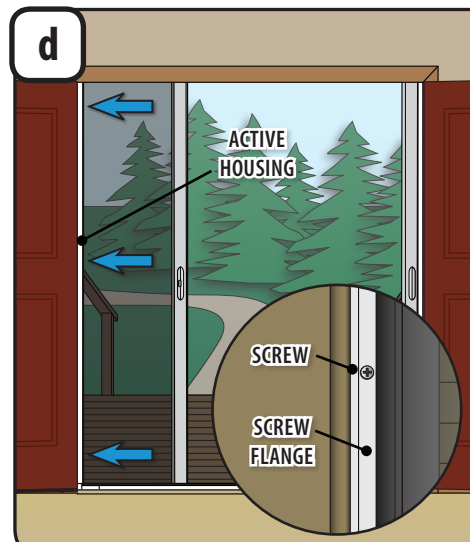


- e** Carefully tip and lift **Screen Assembly** out of **Door Opening** and place it flat, with the interior side facing up, on a non-abrasive surface.

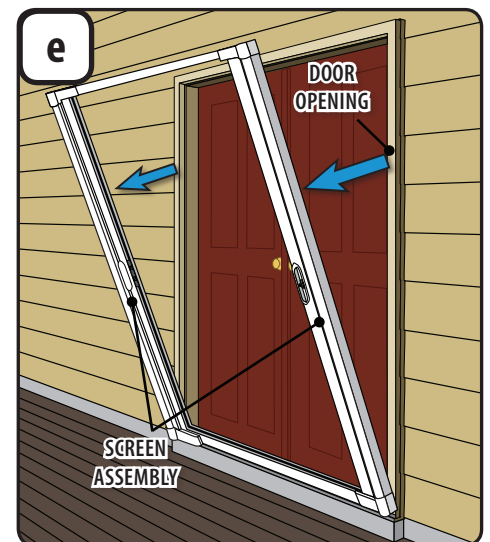
1 REMOVAL - Continued for Double Door



- c** From the interior extend the screen from the **Passive Housing** so it is clear of your drill/driver. Remove the three screws from the **Screw Flange**, save screws for reinstallation.



- d** Extend the screen from the **Active Housing** so it is clear of your drill/driver. Remove the three screws from the **Screw Flange**, supporting the screen assembly as needed.



- e** Carefully tip and lift **Screen Assembly** out of **Door Opening** and place it flat, with the interior side facing up, on a non-abrasive surface.

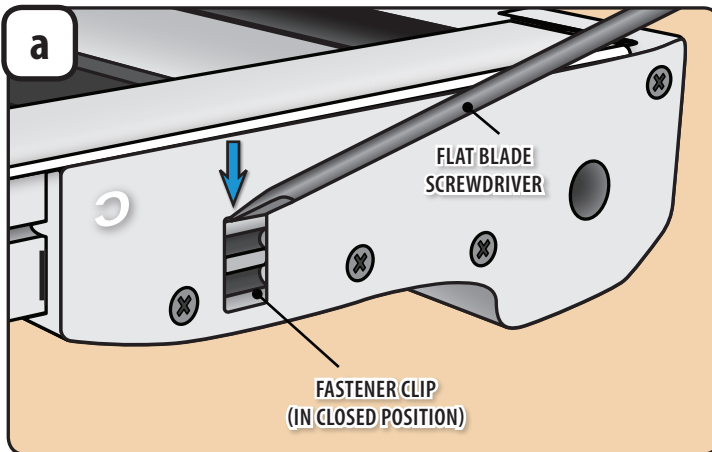
2

ENDCAP REMOVAL & REINSTALLATION (universal step)

Tools Recommended:

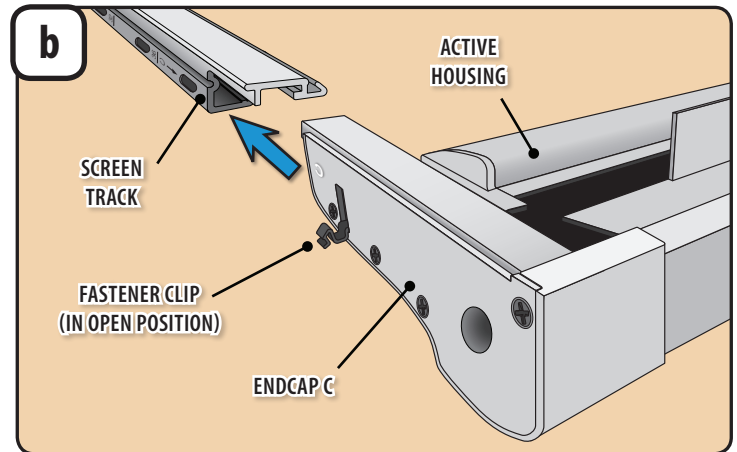


#6-1 3/4"
(Qty 2)

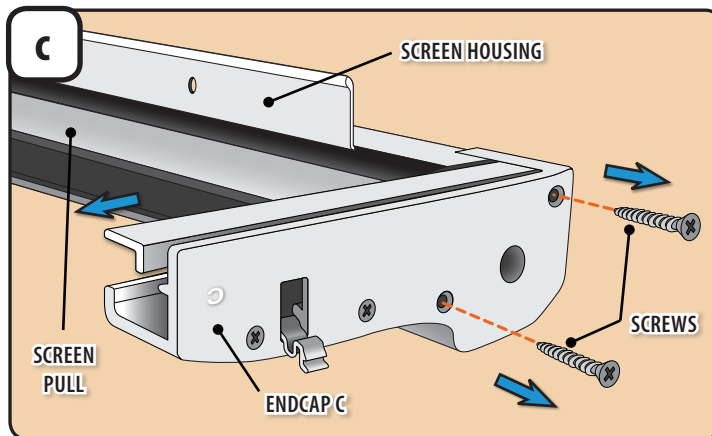


a1 On Endcap C, with a Flat Blade Screwdriver, apply downward pressure on the Fastener Clip and rotate into the open position.

a2 Repeat step for Endcap A.

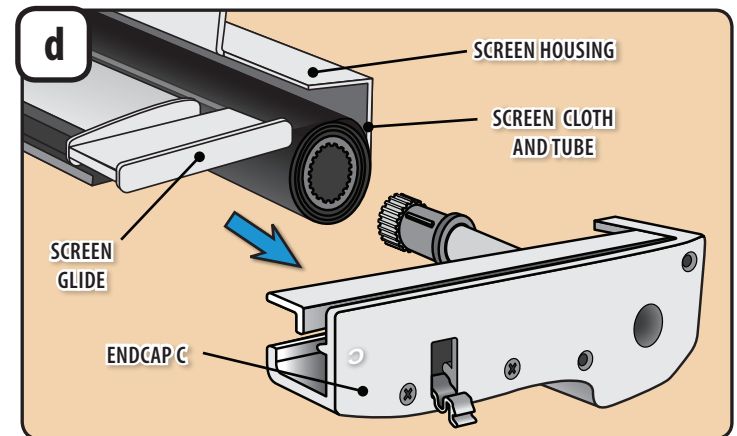


b With Fastener Clip in the open position, carefully slide the Active Housing off of the Screen Tracks.

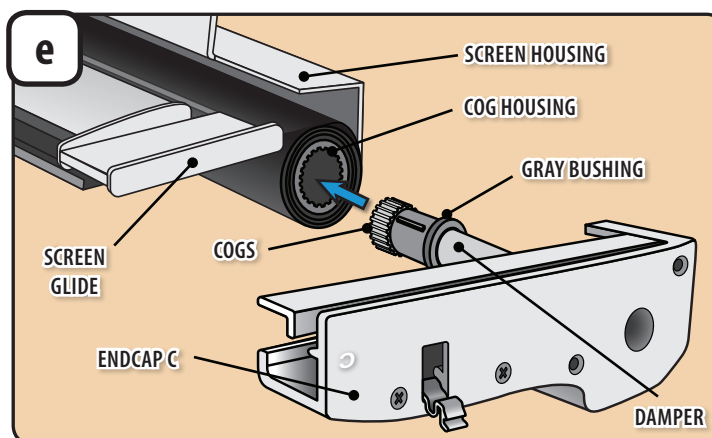


c1 With a Phillips Screwdriver remove the two right hand screws on Endcap C from the Screen Housing.

c2 Extend the Screen Pull until the Screen Glide is out of Endcap C.

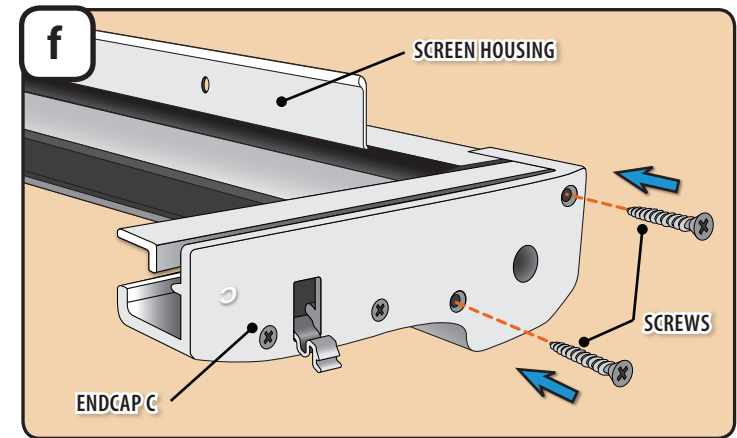


d With Screen Glide free, slide Endcap C off the Screen Housing and dispose of properly being careful not to pull the Screen Cloth and Tube out of the Screen Housing.



e1 Slide the Gray Bushing to the end of the Damper, aligning Gray Bushing and Cogs with the Cog Housing in the screen roll.

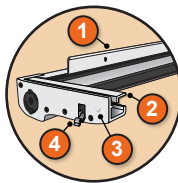
e2 Slide Endcap C onto the Screen Housing, extending screen enough to slide Screen Glide back into Endcap C.



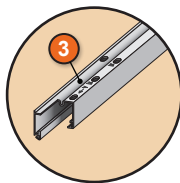
f With a Phillips Screwdriver, replace the two right hand screws on Endcap C on the Screen Housing.

3

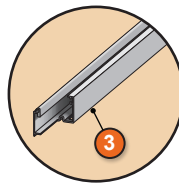
REASSEMBLE SCREEN TRACKS & HOUSINGS (universal step)



Screen Housing



Screen Track



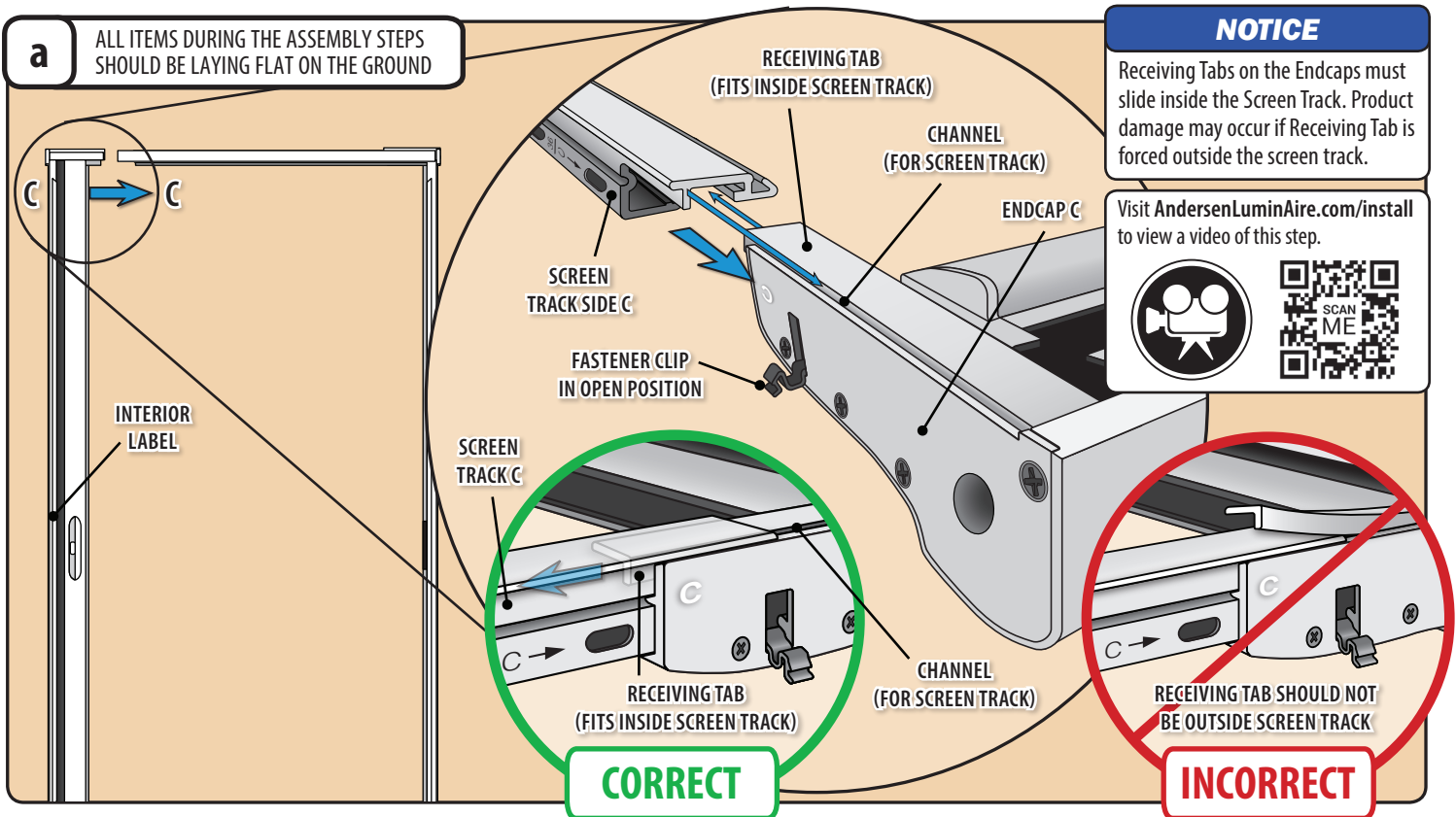
Screen Track

KEY REFERENCES

- 1 Screw Flanges
- 2 Receiving Tabs
- 3 Letter Labels
- 4 Fastener Clips

a

ALL ITEMS DURING THE ASSEMBLY STEPS SHOULD BE LAYING FLAT ON THE GROUND



NOTICE

Receiving Tabs on the Endcaps must slide inside the Screen Track. Product damage may occur if Receiving Tab is forced outside the screen track.

Visit AndersenLuminAire.com/install to view a video of this step.



CORRECT

INCORRECT

- a1** With the screen assembly laying flat on a non-abrasive surface, with the side labeled **Interior** facing up. Leave the screen in the retracted position.
- a2** Confirm the **Fastener Clips** on **Endcap C** is the open position. Slide the **Receiving Tab** on **Endcap C** inside the **Screen Track**. Make sure the **Receiving Tab** fits inside the **Screen Track**, and the **Screen Track** slides into the **Channel**. (see "correct" above). (Visit AndersenLuminAire.com/Install to view a video of this step.)
- a3** Position **Screen Tracks** back to original configuration, determined at time of installation, and rotate the **Fastener Clip** up until it snaps into closed position. Repeat steps for **Endcap A** at other end of housing.

4

PLACE AND FASTEN ASSEMBLY INTO OPENING (single door)

Tools Recommended:

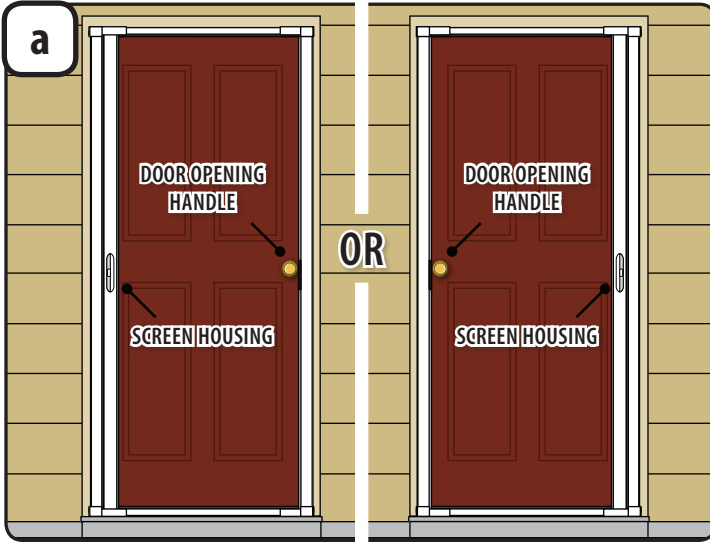
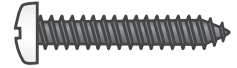


#2 Phillips Bit

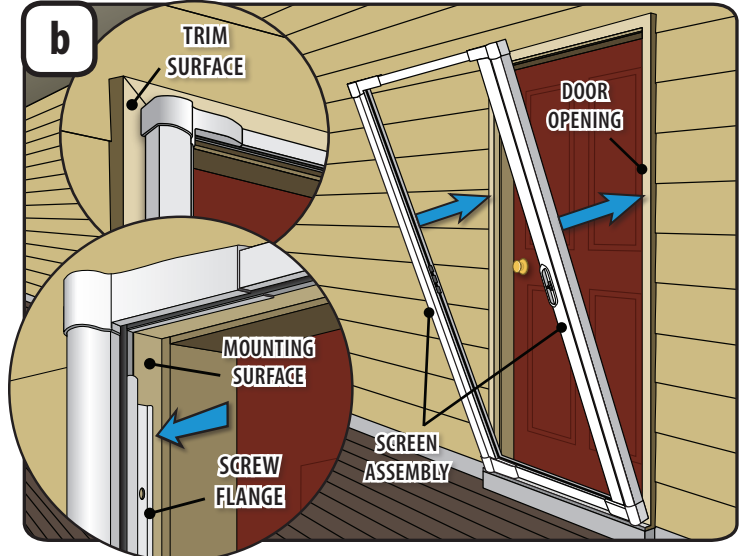


REINSTALL SCREWS

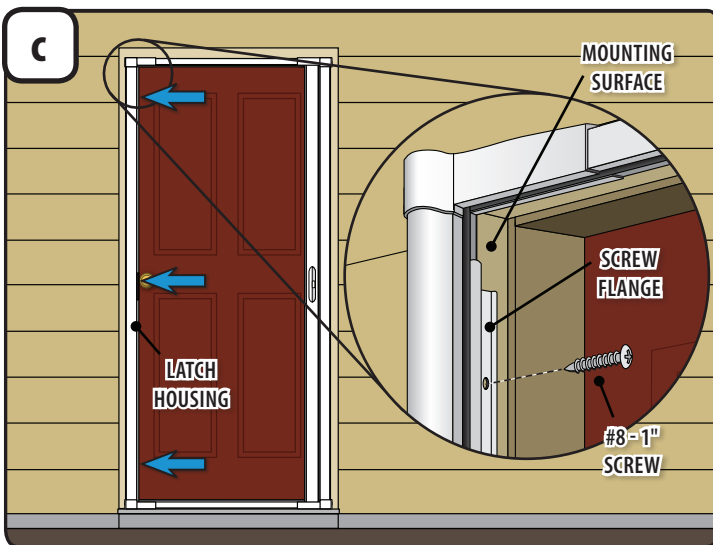
#8-1"
(Qty 6)



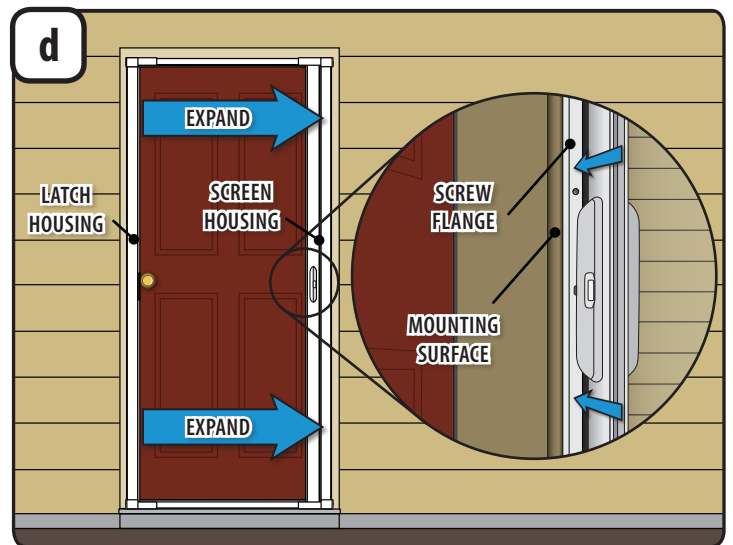
- a** With the interior of the screen assembly facing the door opening, rotate the assembly so the **Screen Housing** is on the opposite side of the **Door Opening Handle**.



- b1** The screen assembly may be narrower than your opening until fully expanded in the following steps.
- b2** Start by placing the **Screen Assembly** onto the exterior **Trim Surface** with the **Screw Flanges** extending into the **Door Opening**. Rest the bottom of the screen assembly onto your sill or support blocking.
- b3** Slide the screen assembly in the door opening until the **Latch Housing** side **Screw Flange** is tight to the **Mounting Surface**.

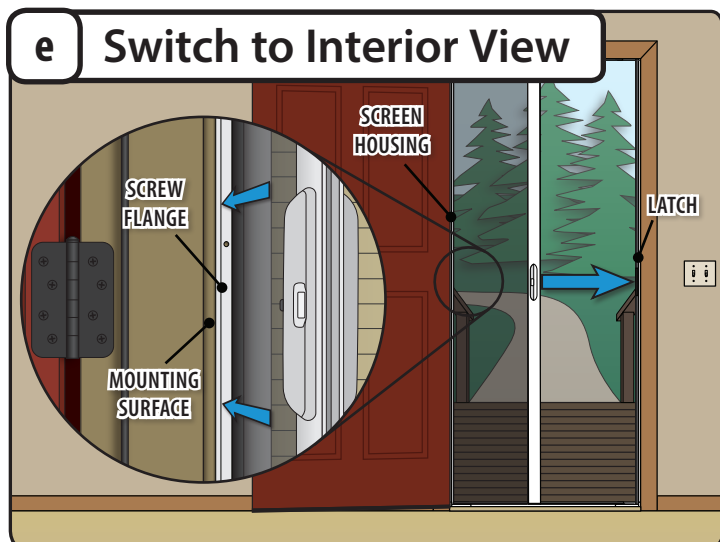


- c1** Verify the **Latch Housing** side **Screw Flange** is tight to **Mounting Surface**.
- c2** Align the three holes on the **Latch Housing** side **Screw Flange** with the three existing holes in the **Mounting Surface**.
- c3** With three of the #8 - 1" screws, fasten **Latch Housing** side of screen assembly to the **Mounting Surface**. (Be careful not to over tighten)

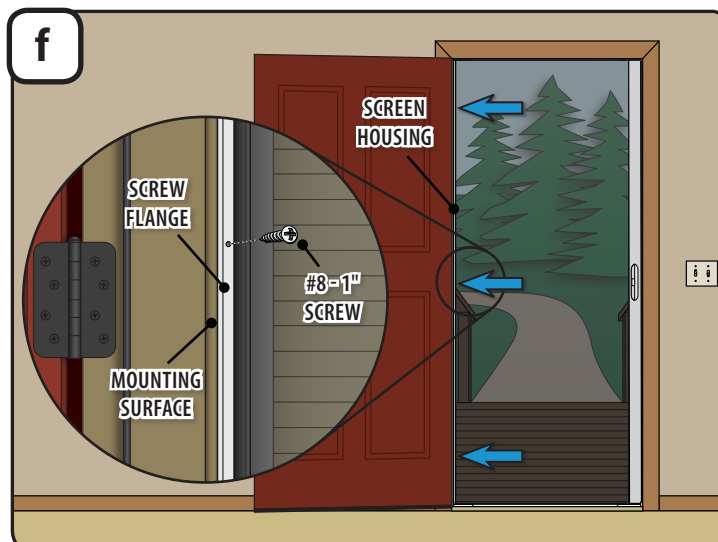


- d** Expand screen assembly by sliding **Screen Housing** side until the **Screw Flange** is tight to the **Mounting Surface**.

4 PLACE AND FASTEN ASSEMBLY - Continued



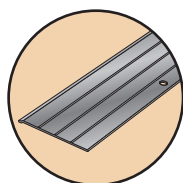
- e** From the interior of the screen assembly, hold the Screen Housing side Screw Flange against the Mounting Surface and extend the insect screen across the assembly and latch.



- f1** With the Screen Housing side Screw Flange tight to Mounting Surface, align the three holes on the Screen Housing side Screw Flange with the three existing holes in the Mounting Surface.
- f2** With the three remaining #8 - 1" screws, fasten Screen Housing to the Mounting Surface. (Be careful not to over tighten)

5

PLACE AND FASTEN SILL ADAPTER



Sill Adapter

Tools Recommended:

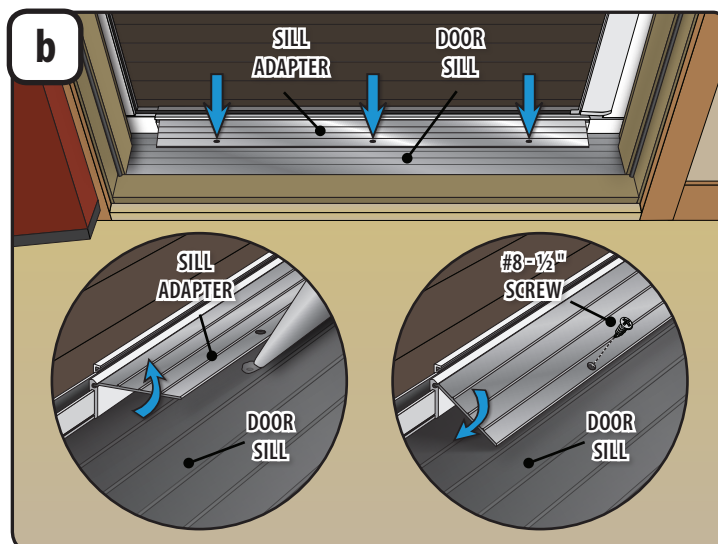
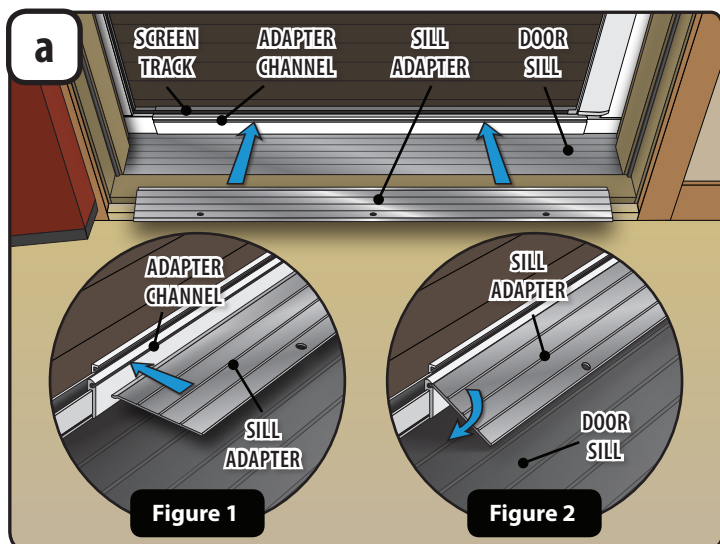
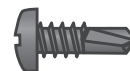


#2 Phillips



REINSTALL SCREWS

#8 - 1/2"
(Qty 3)



- a1** Thoroughly clean the Door Sill with a soft cloth.
- a2** From the interior of screen assembly, position Sill Adapter with the textured side up and screw holes in toward the interior of the home.
- a3** Insert edge of the Sill Adapter into the Adapter Channel located on the Screen Track (see Figure 1).
- a4** Rotate the Sill Adapter down to the Door Sill to make sure the three holes in the Sill Adapter align with the three existing holes in your Door Sill. (see Figure 2).

- b1** Lift Sill Adapter and apply sealant into the holes until sealant overflows onto Door Sill surface.
- b2** Rotate the Sill Adapter back down to the Door Sill and fasten using three #8 - 1/2" Self-Tapping Screws. Cleanup excess sealant.

PROCEDURE IS COMPLETE (following steps are for double door units only)

4

PLACE, FASTEN ASSEMBLY INTO OPENING

Tools Recommended:

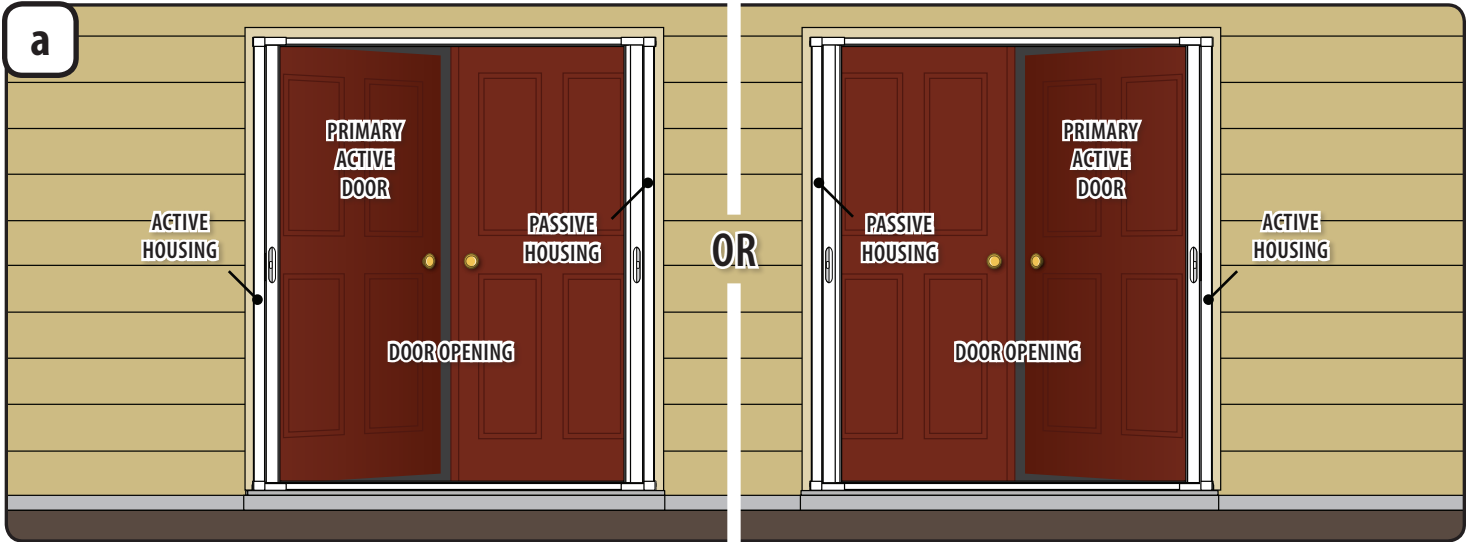
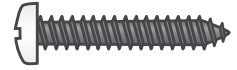


#2 Phillips Bit



REINSTALL SCREWS

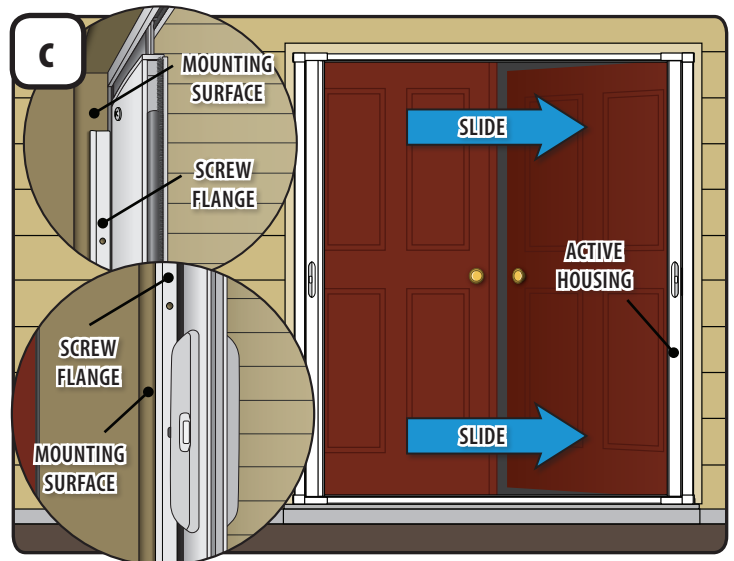
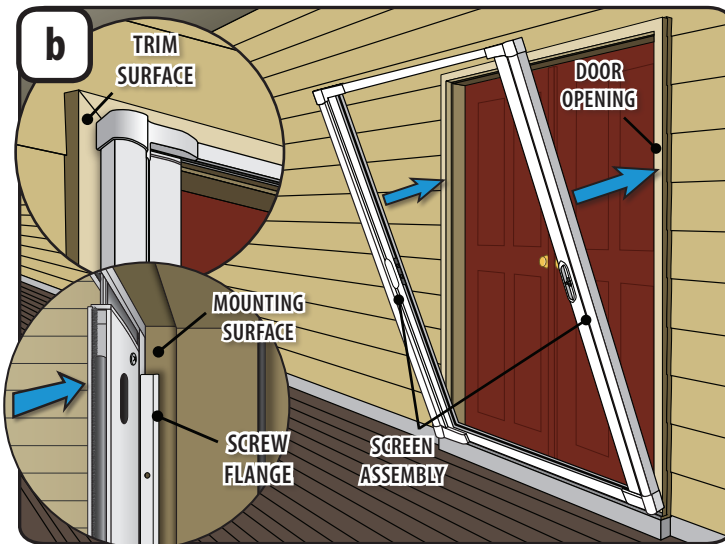
#8-1"
(Qty 6)



- a1** With the interior of the screen assembly facing the door opening, rotate the assembly so the **Active Housing** is on the same side of the **Door Opening** as your **Primary Active Door**.

NOTICE

To avoid product damage, it is recommended to use two (2) people to install double door unit into the door opening.



- b1** The screen assembly will be narrower than your opening until fully expanded in the following steps.
- b2** Start by placing the **Screen Assembly** onto the exterior **Trim Surface** with the **Screw Flanges** extending into the **Door Opening**. Rest the bottom of the screen assembly onto your sill or support blocking.

- c1** Slide the screen assembly in the door opening until the **Active Housing** side **Screw Flange** is on the **Mounting Surface**.
- c2** Verify the screen assembly is plum, level and square in the door opening and the **Screen Housing** side **Screw Flange** is tight to **Mounting Surface**.

4

PLACE, FASTEN ASSEMBLY INTO OPENING

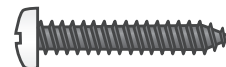
Double Door
Continued

Tools Recommended:

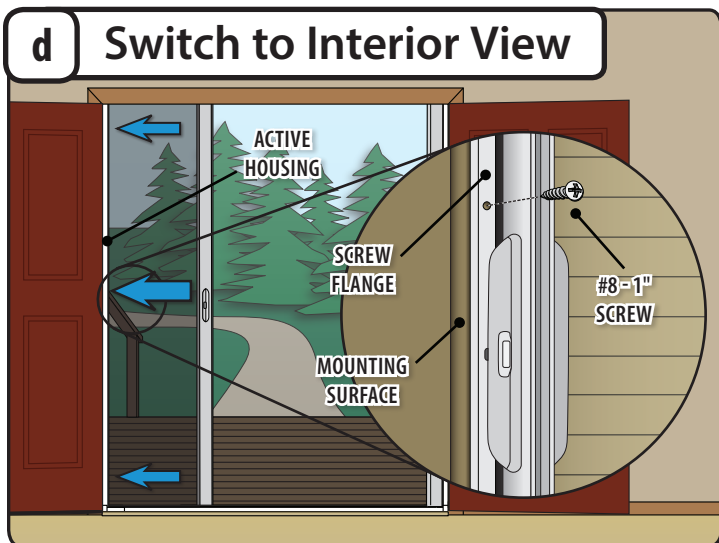


REINSTALL SCREWS

#8-1"
(Qty 6)

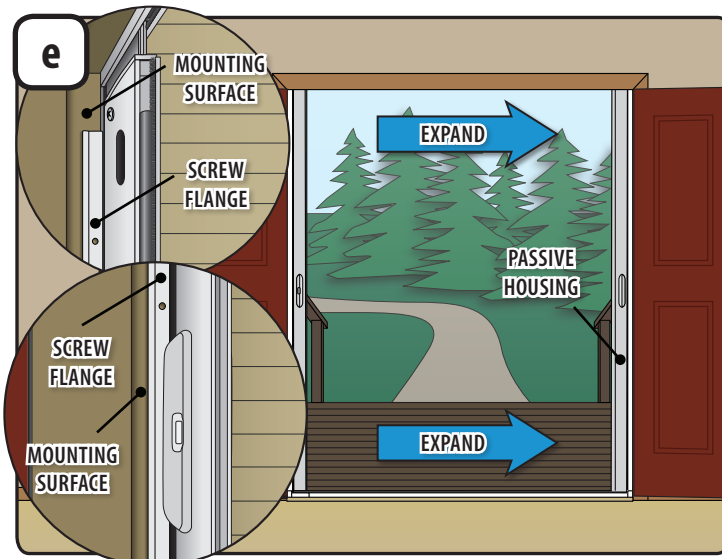


d Switch to Interior View



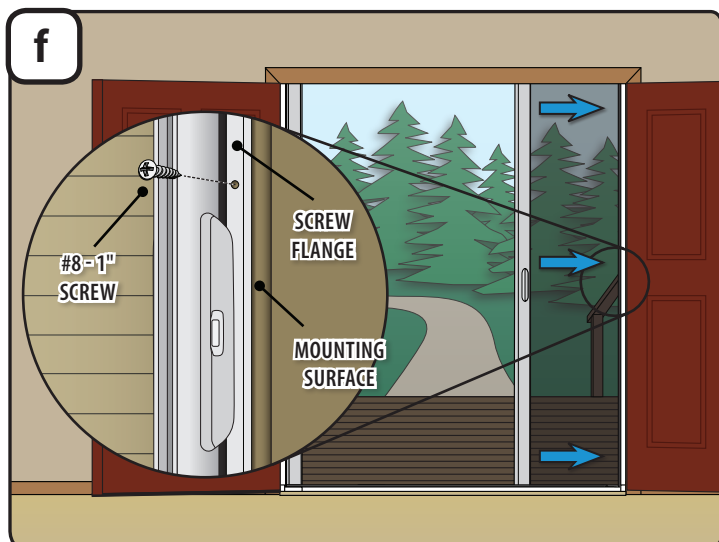
- d1** From the interior, while holding the **Active Housing** side **Screw Flange** tight to the **Mounting Surface**, align the three holes on **Screw Flange** with the three existing holes in the **Mounting Surface**.
- d2** With one #8 - 1" screw, fasten **Active Housing** to the **Mounting Surface**.
(Be careful not to overtighten)
- d3** Repeat steps for top and bottom holes. (Being careful not to overtighten)

e



- e1** Expand the screen assembly in the door opening until the **Passive Housing** side **Screw Flange** is on the **Mounting Surface**.
- e2** Verify the screen assembly is plum, level and square in the door opening and the **Passive Housing** side **Screw Flange** is tight to **Mounting Surface**.

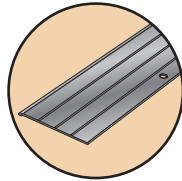
f



- f1** From the interior, while holding the **Passive Housing** side **Screw Flange** tight to the **Mounting Surface**, align the three holes on **Screw Flange** with the three existing holes in the **Mounting Surface**.
- f2** With the three remaining #8 - 1" screws, fasten **Passive Housing** to the **Mounting Surface**. (Be careful not to over tighten)

5

PLACE AND FASTEN SILL ADAPTER



Sill Adapter



Drill/Driver

Sealant



#2 Phillips Bit



REINSTALL SCREWS

#8 - 1/2"
(Qty 6)

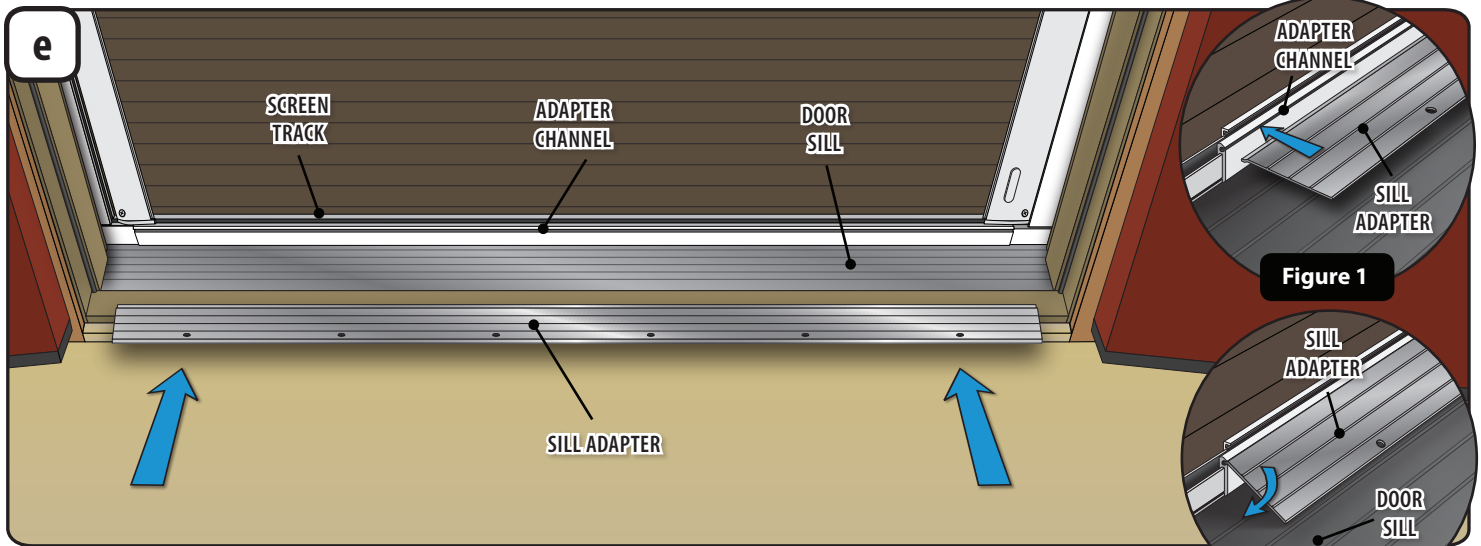
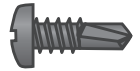


Figure 1

Figure 2

- e1 Thoroughly clean the **Door Sill** with a soft cloth.
- e2 From the interior of screen assembly, position **Sill Adapter** with the textured side up and screw holes in toward the interior of the home.
- e3 Insert edge of the **Sill Adapter** into the **Adapter Channel** located on the **Screen Track** (see Figure 1).
- e4 Rotate the **Sill Adapter** down to the **Door Sill**, to make sure the six holes in the **Sill Adapter** align with the six existing holes in your **Door Sill**. (see Figure 2).

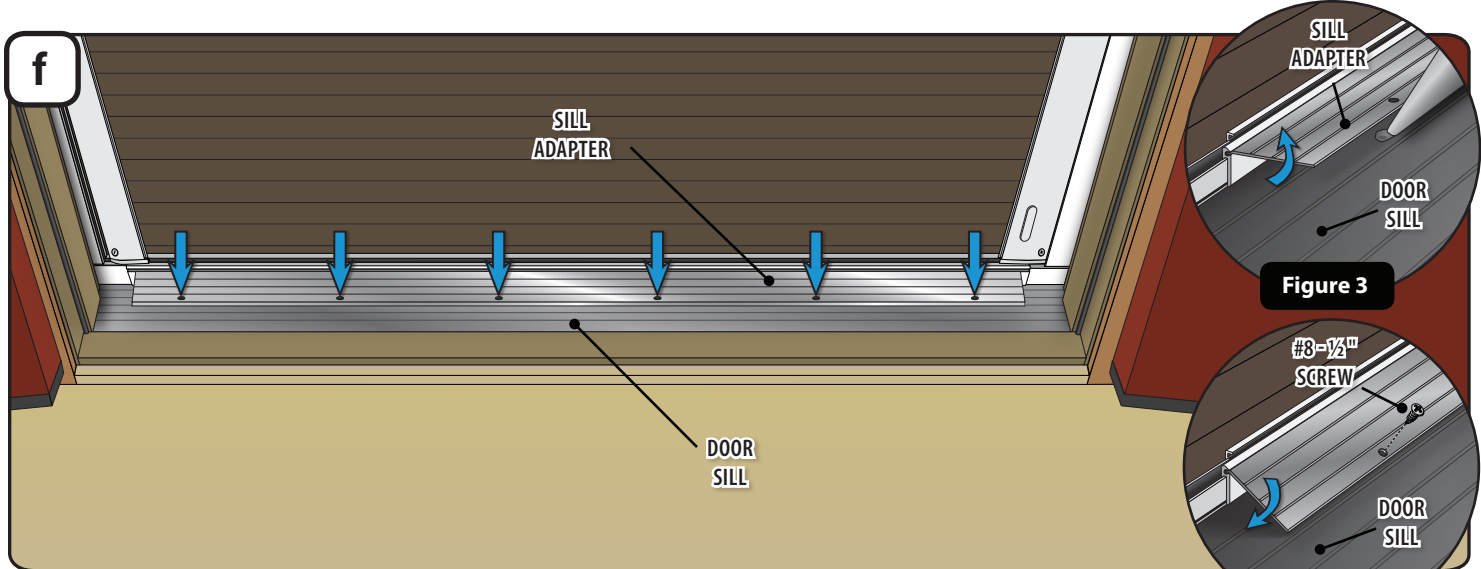


Figure 3

Figure 4

- f1 Lift **Sill Adapter** and apply sealant into the holes until sealant over-flows onto **Door Sill** surface. (see Figure 3)
- f3 Rotate the **Sill Adapter** back down to the **Door Sill** and fasten using six #8 - 1/2" **Self-Tapping Screws**. Cleanup excess sealant. (see Figure 4)

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RETRACTABLE SCREEN DOOR

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