



zabitat

DOOR GLASS INSTALLATION INSTRUCTIONS

This booklet contains Installation Instructions for the following:

REPLACING your existing door glass

Pages 3-6

ADDING door glass to a panel or flush door without glass

Pages 7-10

INCREASING the size of door glass in a door with existing glass

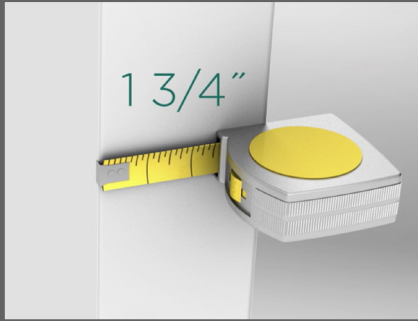
Pages 11-15

FINISHING INSTRUCTIONS

Page 16

For more information, please visit www.zabitat.com, or contact customer service at 855-813-3111

FOR 1-3/4" THICK DOORS



STATEMENT OF INTENDED USE

Door glass panels are for use in 1-3/4" thick residential steel and fiberglass doors.

May be used in wood doors when panel dimensions and door thickness dimension match specified measurements.

THEY ARE NOT DESIGNED FOR USE IN DOORS THAT DO NOT HAVE RIGID STEEL FRAMES, OR AS WINDOWS IN A WALL

ANY MISUSE OR INSTALLATION OTHER THAN STATED WILL VOID THE WARRANTY.

**SAFETY
FIRST!**

CAUTION

When working with glass and frames, care should be taken. Door glass is made of tempered safety glass but **should be carefully supported at all times**. We recommend that you install the door off the hinges and lying down.

Door glass kits may be heavy and of an awkward size, so **two installers may be required** to remove the old glass from the opening and lift the door glass.

TOOLS YOU WILL NEED

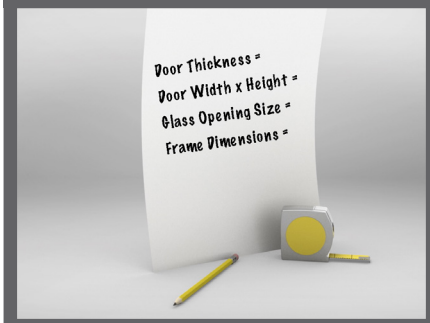


TOOLS

FIND A HELPER

- Safety Gloves
- Safety Glasses
- Dry Wall Screw (size optional)
- Power Screw Driver with Phillips Head Bit
- Putty Knife
- Window Cleaner
- Tape Measure
- Pencil
- Painter's Tape
- Drop Cloth

MEASURE TWICE FOR ACCURACY



IF YOU NEED TO CUT AN OPENING...

Additional tools will be needed.

- 2 Saw-horses
- Drill with 3/8" or 1/2" bit
- Jigsaw with a short-stroke blade
- Ear Protection

DOOR GLASS CONSTRUCTION

OUTSIDE FRAME & DOOR GLASS

The outside frame section and glass.

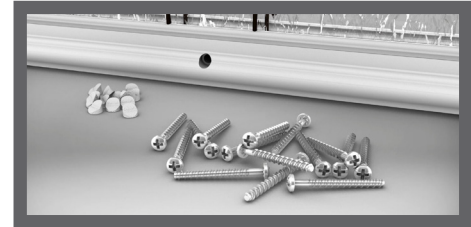


INSIDE FRAME

The inside frame section with holes for the attachment screws.



SCREWS & SCREW PLUGS



The attachment screws are placed into the door glass from the inside of the home for added security.

REPLACING GLASS INSTALLATION INSTRUCTIONS

IF YOU ARE ADDING GLASS MOVE TO STEP 1 ON PAGE 7. IF YOU ARE INCREASING GLASS MOVE TO STEP 1 ON PAGE 11. FOR REPLACING GLASS CONTINUE READING.

1 MEASURE THE EXISTING OPENING

Existing door glass must be removed prior to installing this product. **Removal may make the existing door glass or sidelight unusable.** If you have questions or concerns, consult an Zabitat Customer Service Representative at 855.813.3111 for help.

MEASURE THE THICKNESS

of the existing door. Door glass is designed to **FIT DOORS THAT ARE 1-3/4" ± 1/16" THICK.**



MEASURE THE WIDTH AND HEIGHT

of the existing doorglass. If the measurements correspond to the chart, our glass will fit your door.



REPLACING GLASS INSTALLATION INSTRUCTIONS

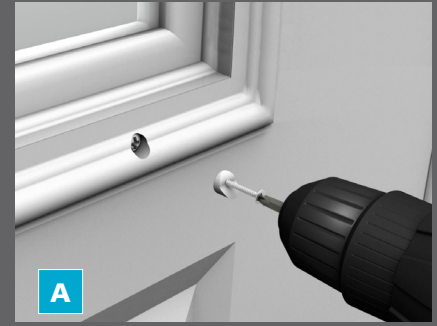
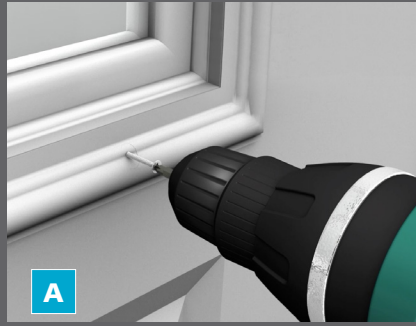
2 REMOVE FRAME & GLASS

A. LOCATE SCREWS AND REMOVE THEM

Old paint, putty, or caulk may need to be removed from the screw plugs first.

REMOVE ALL SCREW PLUGS AND ALL ATTACHMENT SCREWS.

USE DRYWALL SCREW TO REMOVE SCREW HOLE PLUGS



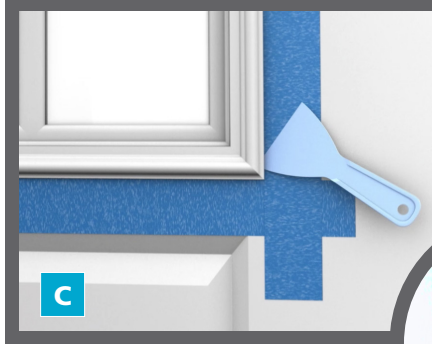
HAVE A HELPER SUPPORT THE GLASS



B. REMOVE INNER FRAME

Once the screws are removed, **have a helper stand on the outside of the door and hold the frame.** REMOVE THE INNER FRAME.

CAREFULLY PRY FRAME LOOSE



C. LOOSEN OUTER FRAME

Apply painter's tape to protect the outside surface. **INSERT THE PUTTY KNIFE** between the outer frame and the door to break the old caulk seal.

TIP:

Spray window cleaner around outer frame's edge to help release caulk.



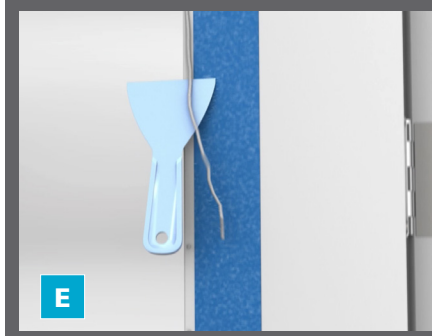
REMOVE EXISTING DOOR GLASS



D. REMOVE EXISTING DOOR GLASS

While wearing safety glasses and gloves, **GENTLY REMOVE THE EXISTING GLASS.**

REMOVE EXCESS CAULK & DIRT



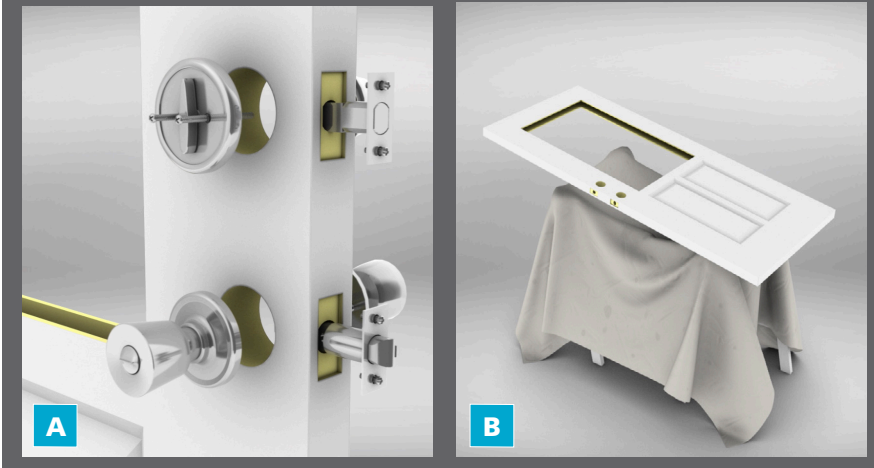
E. CLEAN & PREPARE DOOR SURFACE

After the door glass has been safely removed, **CAREFULLY SCRAPE** any old or excess caulk and dirt from the inside and outside openings.

REPLACING GLASS INSTALLATION INSTRUCTIONS

3 PREPARE DOOR

CUTTING A STEEL OR FIBERGLASS DOOR

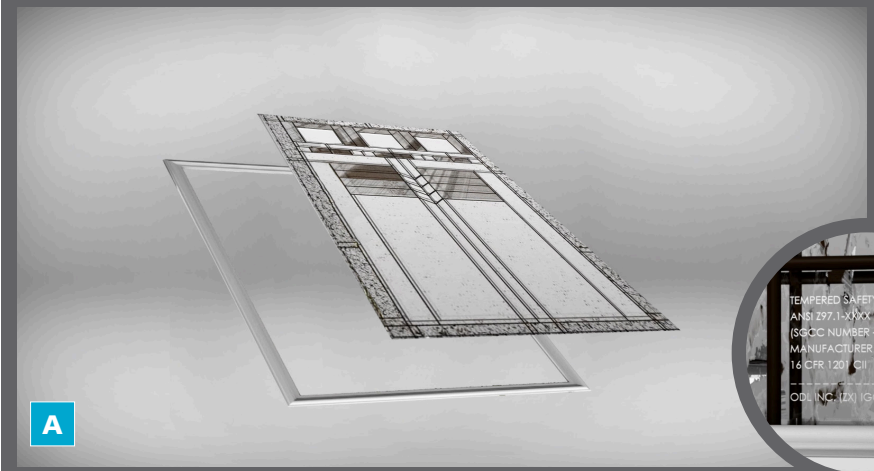


A. REMOVE DOOR FROM HINGES

B. REMOVE HANDLE SET FROM DOOR

4 INSTALLING NEW DOOR GLASS

LAY NEW FRAME INTO POSITION



A. Lay down the exterior frame over the sawhorses, then add the glass overtop.

TIP:

To ensure that the glass is correctly installed the temper stamp should appear on the bottom of the door.

LAY DOOR OVER DOOR GLASS



B. Carefully lay the door over the door glass. To properly distribute the weight of the door glass, place the bottom edge of the door opening snugly to bottom of the door glass.

REPLACING GLASS INSTALLATION INSTRUCTIONS

4 INSTALLING NEW DOOR GLASS CONTINUED

PLACE INTERIOR FRAME



C. Place interior frame with exposed screw holes over the inside of the door.

ALIGN THE FRAMES AND INSERT SCREWS



D. Align the frames by matching the screw hole guides.

E. Insert each screw working from side to side. Tighten firmly so that the frame fits snugly against the door and the seal is compressed. **AVOID OVER TIGHTENING THE SCREWS** to allow the window to expand and contract. Recommended torque setting around 4 to 6.

F. Align the screw plugs with the frame profile. Insert and tap each one into place.

PLACE DOOR BACK ON HINGES



G. Place the door back on it's hinges. Use standard window cleaner to make your new door glass shine!

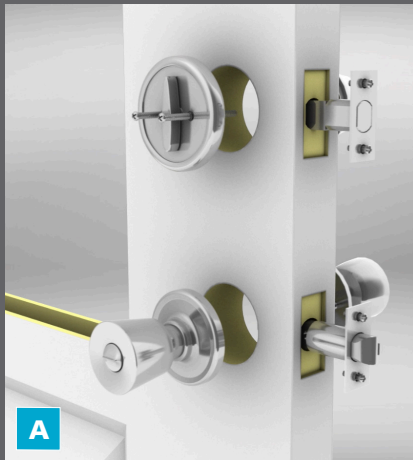
SEE PAGE 16 FOR FRAME FINISHING CONSIDERATIONS.

ADDING GLASS INSTALLATION INSTRUCTIONS

IF DOOR GLASS IS NOT CURRENTLY PRESENT OR A LARGER SIZE DOOR GLASS IS BEING INSTALLED, FOLLOW THESE STEPS:

1 PREPARE DOOR

CUTTING A STEEL OR FIBERGLASS DOOR



A

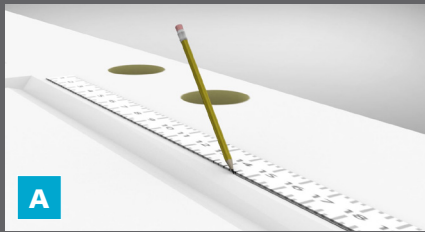


C

- A. REMOVE DOOR FROM HINGES
- B. REMOVE HANDLE SET FROM DOOR
- C. LAY DOOR ACROSS SAWHORSES

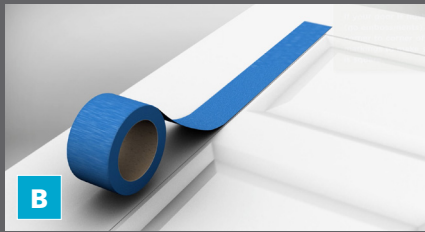
2 MEASURE, MARK, AND CUT

MEASURE AND MARK



A

APPLY PAINTER'S TAPE

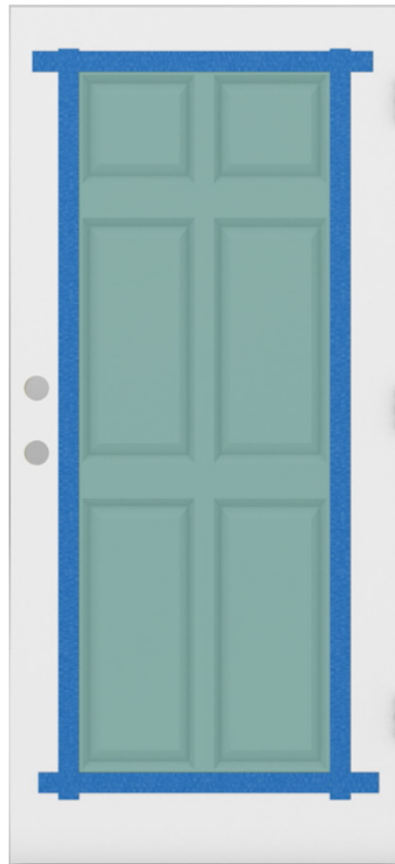


B

DRILL STARTER HOLES



C

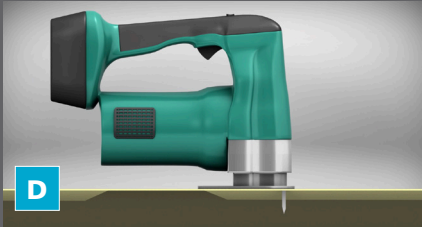


- A. Refer to [THE MEASUREMENT GUIDE](#) on [zabihat.com](#), **MEASURE AND MARK THE CUTTING AREA** of front side of door. If your door is flush (no embossments), measure corner to corner of the cutout marking to make sure opening is square.
- B. **APPLY PAINTER'S TAPE** around cutting area to prevent damage while cutting.
- C. **DRILL 3/8" OR 1/2" STARTER HOLE** in all 4 corners of the measurement.

ADDING GLASS INSTALLATION INSTRUCTIONS

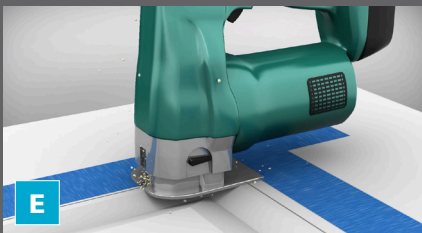
2 MEASURE, MARK, AND CUT CONTINUED

DON'T CUT THROUGH DOOR



- D.** Do not attempt to cut all the way through the door. The up-stroke should not leave the door and the down-stroke should not exceed 1" into the door.

CUT ALONG GUIDE



- E.** Using starter hole, **INSERT JIG SAW** with a short-stroke blade into the inner core of the door and **CUT ALONG MARKED GUIDELINES**, corner to corner.

DIFFERENT DENSITY NEAR LOCK



- F.** You will be cutting through material of a different density near the lock, you will feel slightly more resistance.

FLIP DOOR OVER AND REPEAT



- G.** **FLIP DOOR OVER AND REPEAT STEPS A TO E** for the back side of door.

REMOVE TAPE AND DEBRIS



H. REMOVE TAPE AND DEBRIS

- I. REMOVE** all packaging from the door glass kit.
- J. SEPARATE** the inner frame from the outer frame and glass insert.

ADDING GLASS INSTALLATION INSTRUCTIONS

3 INSTALLING NEW DOOR GLASS

LAY DOWN OUTSIDE DOOR GLASS



A. Lift the door off of the sawhorses and lay down the outside frame over the sawhorses, then add the glass overtop.



TIP: To ensure that the glass is correctly installed the temper stamp should appear on the bottom of the door.

LAY DOOR OVER DOOR GLASS



B. Carefully lay the door over the door glass. To properly distribute the weight of the door glass, place the bottom edge of the door opening snugly to bottom of the door glass.

PLACE INTERIOR FRAME

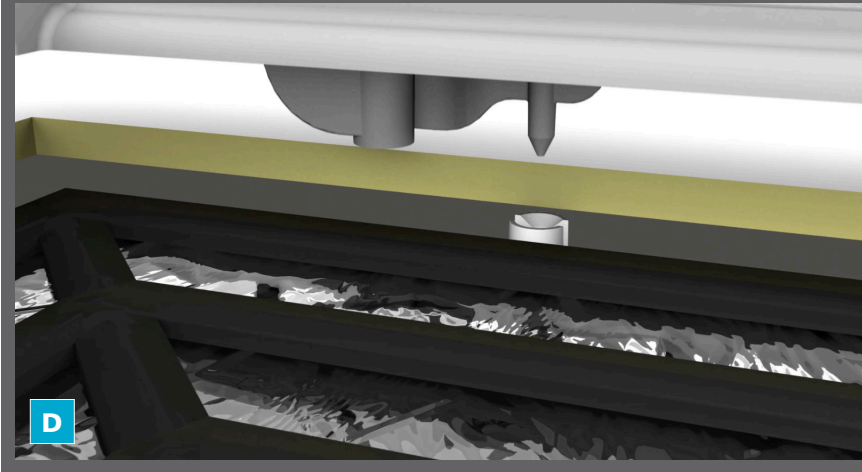


C. Place interior frame with exposed screw holes over the inside of the door.

ADDING GLASS INSTALLATION INSTRUCTIONS

3 INSTALLING NEW DOOR GLASS CONTINUED

ALIGN THE FRAMES

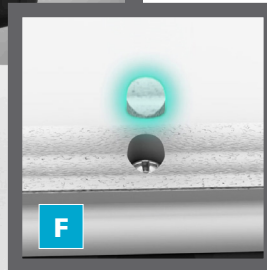


D. Align the frames by matching the screw hole guides.

INSERT SCREWS



E. Insert each screw working from side to side. Tighten firmly so that the frame fits snugly against the door and the seal is compressed. **AVOID OVER TIGHTENING THE SCREWS** to allow the window to expand and contract. Recommended torque setting around 4 to 6.



F. Align the screw plugs with the frame profile. Insert and tap each one into place.

PLACE DOOR BACK ON HINGES



G. Place the door back on its hinges. Use standard window cleaner to make your new door glass shine!

SEE PAGE 16 FOR FRAME FINISHING CONSIDERATIONS.

ADD/INCREASE GLASS INSTALLATION INSTRUCTIONS

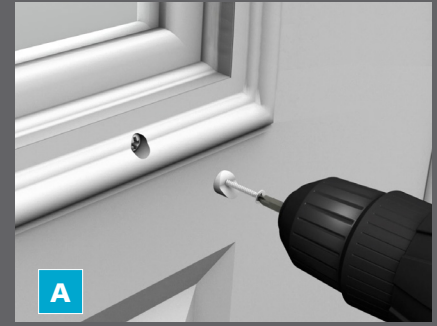
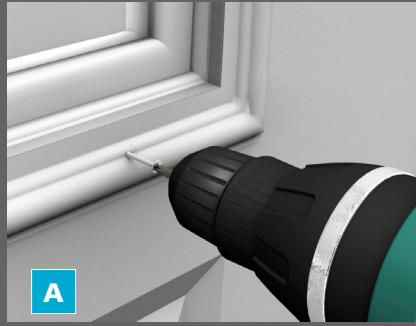
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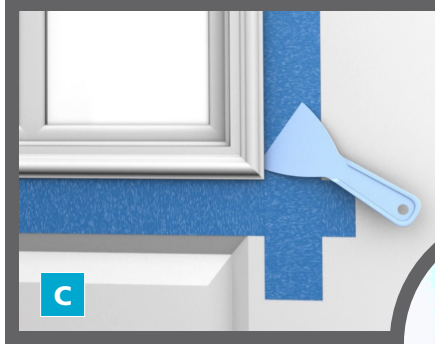
HAVE A HELPER SUPPORT THE GLASS



B. REMOVE INNER FRAME

Once the screws are removed, **have a helper stand on the outside of the door and hold the frame.** REMOVE THE INNER FRAME.

CAREFULLY PRY FRAME LOOSE

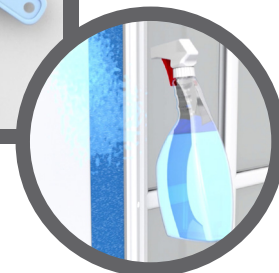


C. LOOSEN OUTER FRAME

Apply painter's tape to protect the outside surface. **INSERT THE PUTTY KNIFE** between the outer frame and the door to **break the old caulk seal.**

TIP:

Spray window cleaner around outer frame's edge to help release caulk.



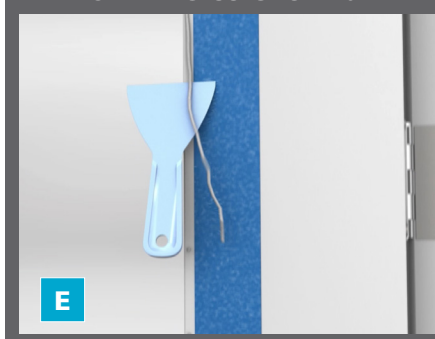
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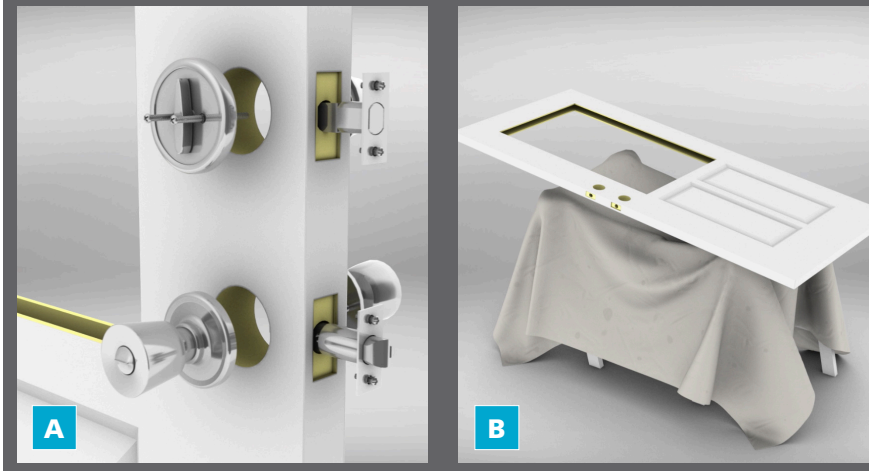
E. CLEAN & PREPARE DOOR SURFACE

After the door glass has been safely removed, **CAREFULLY SCRAPE** any old or excess caulk and dirt from the inside and outside openings.

ADD/INCREASE GLASS INSTALLATION INSTRUCTIONS

2 PREPARE DOOR

REMOVE ALL DOOR ACCESSORIES



- A.** Remove door knob or handle and any locksets and carefully set them aside until after the door glass is installed.
- B.** Remove door from hinges. Lay door across sawhorses.

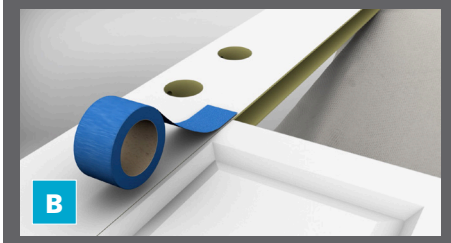
3 MEASURE, MARK, AND CUT

EXTEND EXISTING DIMENSIONS



- A.** Refer to [THE MEASUREMENT GUIDE](#) on [zabihat.com](#), **MEASURE AND MARK THE CUTTING AREA** of front side of door. If your door is flush (no embossments), measure corner to corner of the cutout marking to make sure opening is square.

APPLY PAINTER'S TAPE



- B.** **APPLY PAINTER'S TAPE** around cutting area to prevent damage while cutting.

DRILL STARTER HOLES



- C.** **DRILL 3/8" OR 1/2" STARTER HOLE** in all remaining corners to be cut out.

ADD/INCREASE GLASS INSTALLATION INSTRUCTIONS

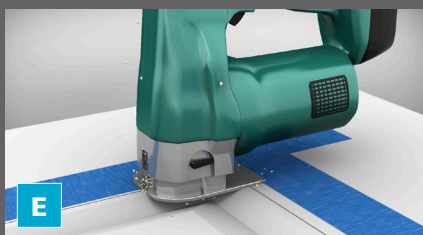
3 MEASURE, MARK, AND CUT CONTINUED

DON'T CUT THROUGH DOOR



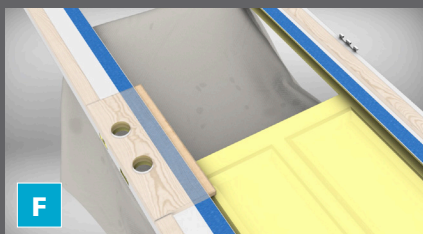
- D.** Do not attempt to cut all the way through the door. The up-stroke should not leave the door and the down-stroke should not exceed 1" into the door.

CUT ALONG GUIDE



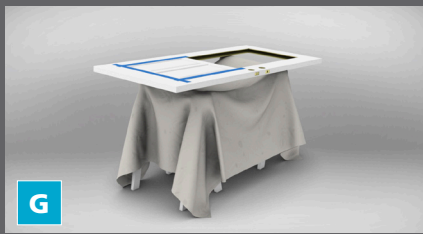
- E.** Using starter hole, **INSERT JIG SAW** with a short-stroke blade into the inner core of the door and **CUT ALONG MARKED GUIDELINES**, corner to corner.

DIFFERENT DENSITY NEAR LOCK



- F.** You will be cutting through material of a different density near the lock, you will feel slightly more resistance.

FLIP DOOR OVER AND REPEAT



- G.** **FLIP DOOR OVER AND REPEAT STEPS A TO E** for the back side of door.

REMOVE TAPE AND DEBRIS



H. REMOVE TAPE AND DEBRIS

- I. REMOVE** all packaging from the door glass kit.

- J. SEPARATE** the inner frame from the outer frame with glass.

ADD/INCREASE GLASS INSTALLATION INSTRUCTIONS

4 INSTALLING NEW DOOR GLASS

LAY DOWN OUTSIDE DOOR GLASS



A. Lift the door off of the sawhorses and lay down the outside frame over the sawhorses, then add the glass overtop.



TIP:

To ensure that the glass is correctly installed the temper stamp should appear on the bottom of the door.

LAY DOOR OVER DOOR GLASS



B. Carefully lay the door over the door glass. To properly distribute the weight of the door glass place the bottom edge of the door opening snugly to bottom of the door glass.

PLACE INTERIOR FRAME

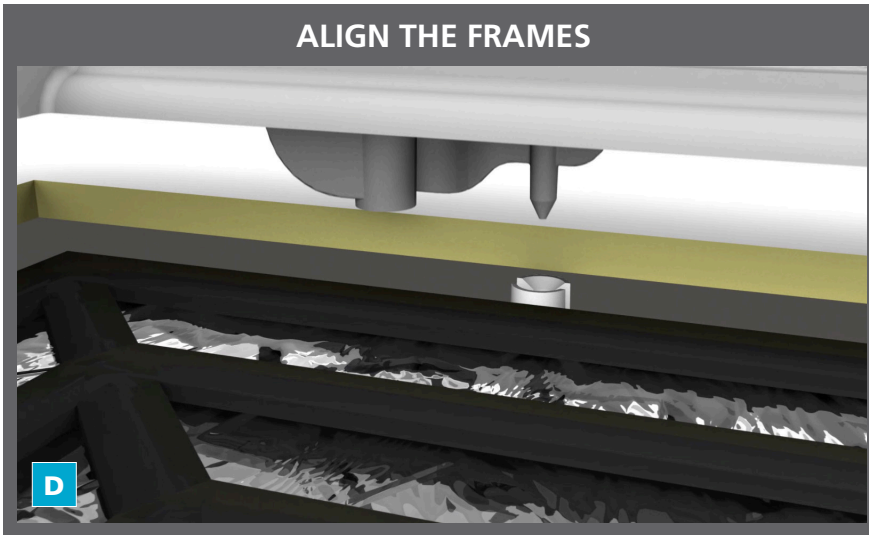


C. Place interior frame with exposed screw holes over the inside of your door.

ADD/INCREASE GLASS INSTALLATION INSTRUCTIONS

4 INSTALLING NEW DOOR GLASS CONTINUED

ALIGN THE FRAMES

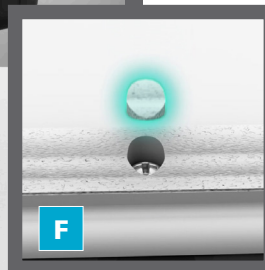


D. Align the frames by matching the screw hole guides.

INSERT SCREWS



E. Insert each screw working from side to side. Tighten firmly so that the frame fits snugly against the door and the seal is compressed. **AVOID OVER TIGHTENING THE SCREWS** to allow the window to expand and contract. Recommended torque setting around 4 to 6.



F. Align the screw plugs with the frame profile. Insert and tap each one into place.

PLACE DOOR BACK ON HINGES



G. Place the door back on its hinges. Use standard window cleaner to make your new door glass shine.

SEE PAGE 16 FOR FRAME FINISHING CONSIDERATIONS.

INSTALLATION INSTRUCTIONS

FINISHING THE FRAME

CONSIDER PAINTING OR STAINING THE DOOR GLASS FRAME TO COORDINATE WITH YOUR DOOR FINISH.

PREMIUM PAINT- AND STAIN-READY TAN PLASTIC FRAME

Tan frames are manufactured with a specially engineered plastic that is designed to be painted or stained. No primers or adhesion promoters are required when painting or staining this frame. We recommend using the same high quality exterior grade paint or stain as you will use to finish your entry door.

FRAME SURFACE PREP

The frame should be free of any dust and debris. Use mild detergent and water. The frame should be dry and acclimated to room temperature before applying paint. No other surface prep is necessary for finishing this frame.

NOTE: DO NOT APPLY ADHESION PROMOTERS or PRIMERS containing adhesion promoter to this frame.

PAINTING AND STAINING

Painting – Recommended for use with exterior latex paint. Apply thin coats, allowing paint to dry between coats, to achieve the desired coverage and finish.

Staining – A 2-Step Staining process is recommended for the most desirable level of adhesion.

Step 1 - Apply an opaque base coat of paint to the frame, as described above.

Step 2 - Apply the stain to the frame. Work stain into the graining with a sponge or cloth. Wipe off the excess stain for the desired finish. Stain manufacturer's instructions may differ or provide additional information. Please follow their instructions. Apply a compatible clear top coat to the manufacturer's recommendation to protect finish.

HIGH PERFORMANCE MAINTENANCE-FREE WHITE FRAME FINISHING INSTRUCTIONS

White frames are the perfect solution for a durable, maintenance-free frame that **DOES NOT REQUIRE PAINTING**. It will not yellow over time and when unpainted, will not warp behind a storm door.

If you desire to paint the frame around your door glass, we recommend that you purchase the Premium Paint- and Stain-Ready Tan Frame. However, if you choose to paint a White Frame:

1. For increased paint adhesion use adhesion promoting primer made for use with polypropylene.
2. Finish with an exterior grade acrylic latex paint. **CAUTION** - Apply paint in a well-ventilated area and follow all paint manufacturer's cautions, warnings and instructions.

