



LIPPERT
COMPONENTS®



5500 Series Residential Outswing Steel Entry Door

Installation and Owner's Manual

(For Aftermarket Applications)

For Mobile Homes and Manufactured Houses



Standard
6 panel

Four-lite
window

Nine-lite
window

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Custom Order Online

The 5500 Series Residential Outswing Steel Entry Door is custom ordered by utilizing the configurator located at: <https://store.lci1.com/catalogsearch/result/?q=5500+Series>



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Introduction

Correct installation of a 5500 Series Residential Outswing Steel Entry Door is essential for proper function. Improper installation will void the limited warranty. These installation instructions for a manufactured housing door are recommendations only. They represent the proper installation of the 5500 Series Residential Outswing Steel Entry Door. They do not indicate the only method of installation. Local building codes may impose additional requirements, and those codes may supersede these instructions. Determining the acceptability of alternate installation methods is the sole responsibility of the installer, contractor, architect or housing manufacturer.

Lippert Components, Inc. makes no warranty, expressed or implied, with respect to these or any other third party instructions. Lippert shall not be liable for any damage or liability that may arise in connection with any product installation not performed by Lippert.

Additional information about this product can be obtained from support.lci1.com or by downloading the free myLCI app. The app is available on iTunes® for iPhone® and iPad® and also on Google Play™ for Android™ users.

iTunes®, iPhone®, and iPad® are registered trademarks of Apple Inc.

Google Play™ and Android™ are trademarks of Google Inc.

Safety

Read and 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. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the LCI limited warranty.

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.

WARNING

FAILURE TO FOLLOW THE INSTRUCTIONS PROVIDED IN THIS MANUAL MAY RESULT IN DEATH, SERIOUS INJURY, UNIT DAMAGE OR VOIDING OF THE COMPONENT WARRANTY.

WARNING

DUE TO THE WEIGHT OF THE DOOR PRODUCTS, FOLLOW PROPER LIFTING TECHNIQUES. ASSISTANCE FROM OTHER PEOPLE WITH THE REQUIRED ABILITIES TO LIFT, CARRY AND INSTALL THE DOOR ASSEMBLY IS HIGHLY RECOMMENDED. SERIOUS PERSONAL INJURY OR SEVERE PRODUCT AND/OR PROPERTY DAMAGE MAY OCCUR.

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.

CAUTION

DO NOT STORE DOORS IN DIRECT SUNLIGHT WHEN STILL WRAPPED IN DELIVERY MATERIAL. DOORS OR MOUNTING FLANGES MAY BE DAMAGED OR OTHERWISE DISTORTED.

CAUTION

MOVING PARTS CAN PINCH, CRUSH OR CUT. KEEP CLEAR AND USE CAUTION.



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Parts List

PN	Doors
2020102424	32" x 72" Right Hand 6 Panel
2020102425	32" x 72" Left Hand 6 Panel
2020102426	32" x 76" Right Hand 6 Panel
2020102427	32" x 76" Left Hand 6 Panel
2020102428	34" x 76" Right Hand 6 Panel
2020102429	34" x 76" Left Hand 6 Panel
809514	32" x 72" Right Hand 6 Panel - 4 lite
809515	32" x 72" Left Hand 6 Panel - 4 lite
809516	32" x 76" Right Hand 6 Panel - 4 lite
809517	32" x 76" Left Hand 6 Panel - 4 lite
809518	34" x 76" Right Hand 6 Panel - 4 lite
809519	34" x 76" Left Hand 6 Panel - 4 lite
809558	32" x 72" Right Hand 6 Panel - 9 lite
809559	32" x 72" Left Hand 6 Panel - 9 lite
809560	32" x 76" Right Hand 6 Panel - 9 lite
809561	32" x 76" Left Hand 6 Panel - 9 lite
809562	34" x 76" Right Hand 6 Panel - 9 lite
809563	34" x 76" Left Hand 6 Panel - 9 lite

NOTE: The hinge side location viewed from the exterior side determines hand of door.

Window Part Numbers - Reference Only

PN	Windows
230873	Nine-lite window; 20" x 36"
713425	Four-lite window; 22" x 6"

PN	Knob/Deadbolt Kit
230495	Keyed stainless steel deadbolt and knob (inside and outside) with 2 3/4" bolt; keyed with deadbolt included with door.

Parts Available for Purchase

The parts listed below are not part of the door package but can be purchased separately.

PN	Threshold Extensions
799162	32" Entry Door Threshold (30 3/16" cut length)
799163	34" Entry Door Threshold (32 3/16" cut length)

PN	Threshold Extensions Continued
799164	36" Entry Door Threshold (34 3/16" cut length)
232313	1974-00; 1 3/8 Threshold, raw

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.

Resources Required

- 1 to 2 people, depending on task
- Cordless or electric drill or screw gun
- Appropriate drill bits
- Appropriate drive bits
- Gunnable sealant
- Putty or butyl tape
- Framing square
- Caulking gun
- Wood screws
- Door shims
- Tape measure

Fasteners

Fasteners should be selected to ensure compliance with applicable building codes. Consideration should be given to wind loads, temperature variations and other site conditions.

Screws or nails may be used as fasteners for door installation into wood framing. Only screws should be used for door installation into metal home framing. The fastener must penetrate the framing at least one inch, allowing for exterior sheathing.

Any fastener that is left exposed to the weather should be plated or otherwise coated to prevent corrosion.

It is suggested that one fastener be placed in every pre-punched mounting hole for maximum fastening strength.

Actual fastening methods and materials may be dictated by the project plans or applicable local codes. Fastening methods may also be directed by an architect or professional engineer.

Site specific requirements may be enforced by the Florida Building Code (FBC) or Texas Department of Insurance (TDI). Consult the FBC or TDI website for anchorage specifics, when applicable.



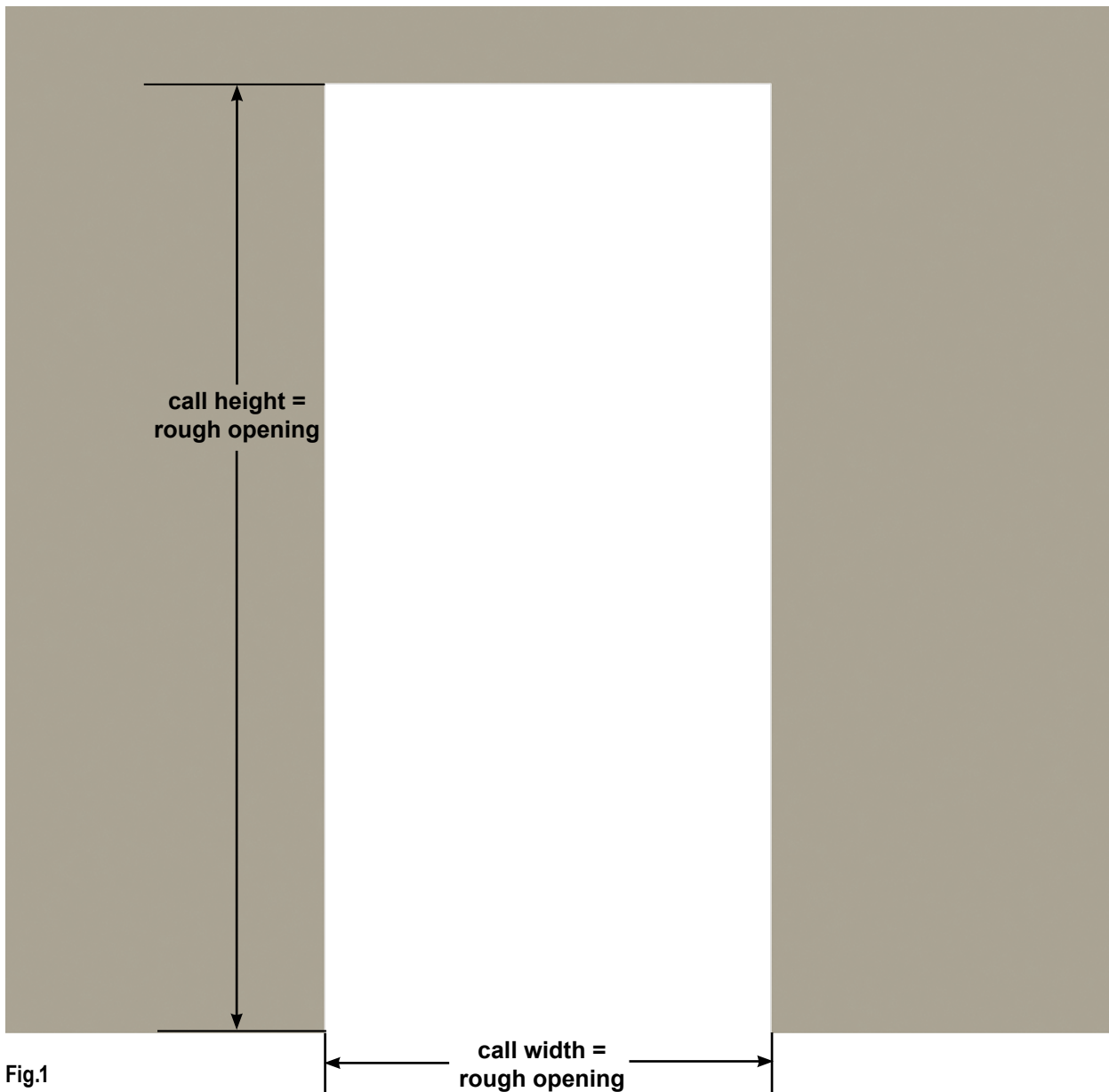
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Preparation

Read these instructions completely before installing a manufactured housing door. Figures 1 and 2 illustrate terminology used in this manual.



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Rough Opening Preparation

1. Using a tape measure, measure the rough opening to make sure it is correctly sized and constructed. The rough opening equals the door call size in width and call height (example: 34 x 76 call size = 34" wide x 76" high). The rough opening sill must be square to the floor with an allowance of $\frac{1}{8}$ " or less across the entire width. If the rough opening sill is out of square by more than $\frac{1}{8}$ ", it may not be possible to shim and square the door in the opening.
2. Use a framing square to check the squareness with diagonal measurements.
3. For a flange-mounted door, the difference between the diagonal measurements between points 1 to 4 (Fig.2A) and points 2 to 3 (Fig.2B) must not exceed $\frac{1}{4}$ ".
4. If the difference between the two diagonal measurements exceeds $\frac{1}{4}$ ", the rough opening sill must be modified so the sill is square within tolerance and the diagonals are within the $\frac{1}{4}$ " allowance.
5. Inspect the exterior face of the rough opening where the mounting flange of the door will make contact with the doorjamb. There must be no gaps or open areas where the mounting flange will contact the rough opening. To completely and safely secure the door assembly, the sheathing or exterior wall material to which the door will be fastened must be structurally adequate so the door unit is fully anchored.

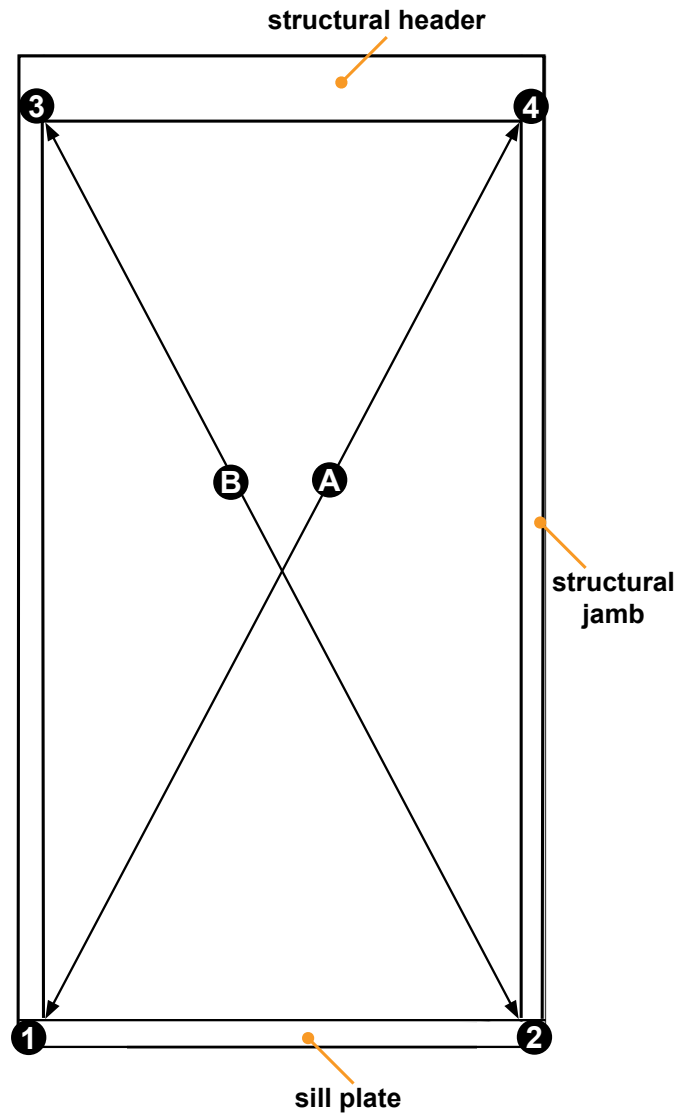


Fig.2



5500 Series Residential Outswing Steel Entry Door

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Prior to Installation

1. Before installing the door, use a tape measure to measure the door to make sure that it matches the rough opening call size: Call width minus $\frac{1}{2}$ " to $\frac{3}{4}$ " and call height minus $\frac{3}{8}$ ". See **Fig.1**.
2. Inspect the mounting flanges to confirm they have not been damaged during shipping or handling. If the mounting flanges have been damaged or otherwise distorted, they will not lie flat against the exterior perimeter of the rough opening. Attempt to straighten the mounting flange or contact Lippert Components, Inc.
3. During the installation process, the door must remain closed at all times. Every door is shipped with installation clips to assist when installing the door by maintaining the gap between the frame and the door core until the door is completely installed. Fill any gaps or voids between the door mounting flange and the exterior perimeter of the rough opening. Gaps or voids in this area may provide a path for water and air to enter.

⚠ CAUTION

IF THE DOOR ASSEMBLIES ARE PRE-SEALED WITH PUMPABLE CAULK PRIOR TO INSTALLATION, A SKIN MAY FORM ON THE GUNNABLE SEALANT CAUSING FAILURE; HOWEVER, PUTTY AND BUTYL TAPE DO NOT HAVE THIS ISSUE. REFER TO SEALANT MANUFACTURER'S INSTRUCTIONS FOR SEALANT CURING TIME. DOOR MUST BE INSTALLED PRIOR TO THE SEALANT REACHING ITS MAXIMUM CURING TIME AND BEFORE THE SEALANT SETS UP ON THE MOUNTING FLANGE.

4. Just prior to installation, apply gunnable sealant (**Fig.3**) on the floor so the outside edges of the sill will be sealed to the floor and extending about 6" up the frame/jamb (**Fig.3**).
5. When directed, apply gunnable sealant to the backside of the mounting flange in line with the pre-punched holes.

NOTE: Alternatively, putty or butyl tape may also be used.

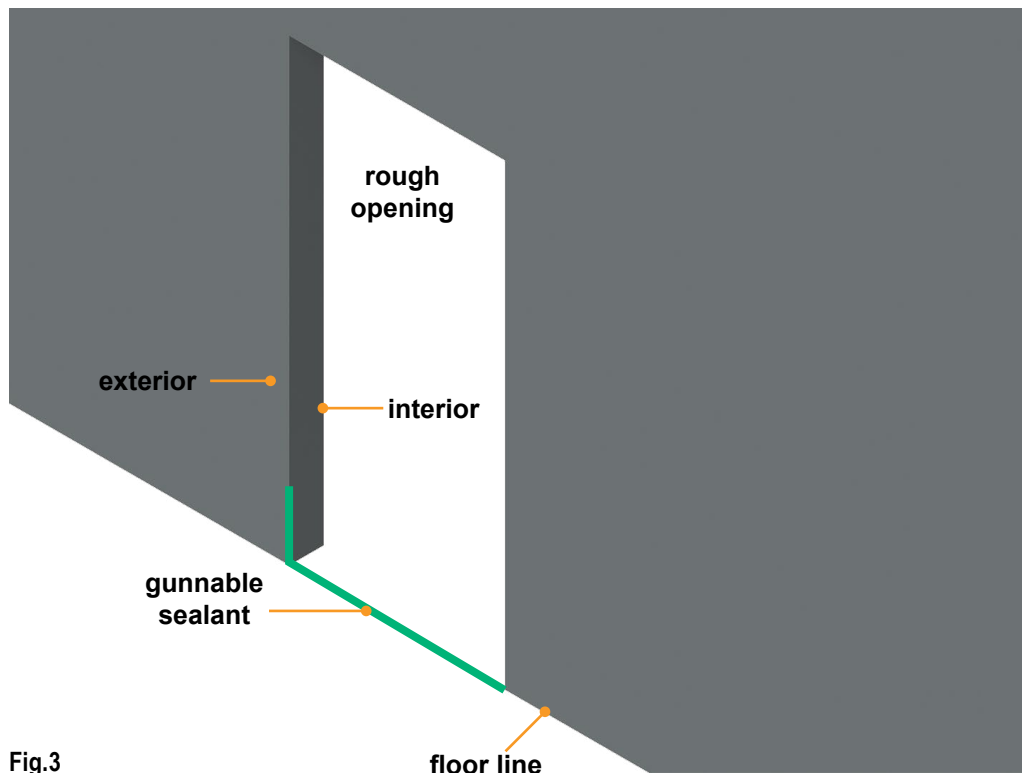


Fig.3

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Door Installation

Flange Mounting System

NOTE: The temporary white spacer clip installed above the knob side of the door should remain attached until the door is installed. Drill a small hole in the structural jamb to accommodate the screw on the clip. The zip ties securing the door during transport should also remain in place until installation is complete.

1. Place the door in the rough opening with the door sill resting on the rough opening sill. If the rough opening sill is not square to the floor, remove the door and restructure the rough opening so the sill is square.
2. Apply a 1/4" continuous bead of gunnable sealant over mounting holes to the backside of the mounting flange and along all four corner seams.
3. Center the door from left to right. The door sill **MUST** remain in contact with the rough opening sill. When installing doors, use corrosion resistant fasteners that produce a minimum of 1" of penetration into the framing members.

CAUTION

DO NOT OVERDRIVE FASTENERS. OVERDRIVING FASTENERS WILL FRACTURE OR DISTORT THE MOUNTING FLANGE AND COMPROMISE THE SEAL. DO NOT APPLY FASTENERS OR STAPLES THROUGH ANY OTHER SURFACES OF THE DOOR OTHER THAN SPECIFIED KINRO-DESIGNATED AREAS OR THE MOUNTING FLANGE. FAILURE TO COMPLY MAY VOID ANY MANUFACTURER'S WARRANTY.

4. While holding the door frame flat against the exterior of the wall, install fasteners into both jambs and at the head. Install screws at the designated mounting locations (Fig.4A-F) in the order shown. Make sure that there is at least 1" of penetration from the doorjamb or header into the wall studs.
5. Check the door frame a second time to confirm it is centered from side-to-side in the opening and the door frame members are straight and the door frame square. Measure opposite corners of the door frame in a manner similar to measuring the diagonals of the rough

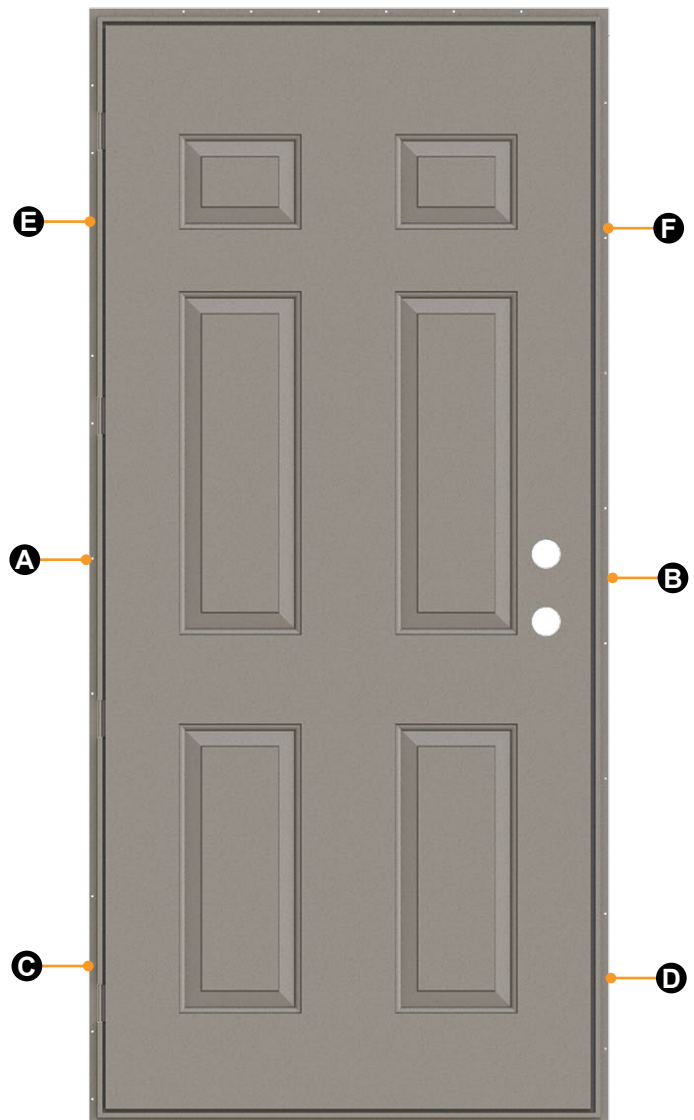


Fig.4

opening shown in Fig.2. The difference between corner measurements must be 1/8" or smaller. If not, remove fasteners and re-install frame per steps 1-3.



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MOUNTING FLANGE IS PROVIDED WITH PRE-PUNCHED HOLES. NEVER LEAVE HOLES OR SLOTS UNSEALED AS MOISTURE CAN PENETRATE AND CAUSE DAMAGE.

SHIMS SHOULD ONLY BE USED IF THERE IS A GAP BETWEEN THE DOORJAMB OR THE STRIKE PLATE AND SIDEWALL STUDS. DO NOT FORCE SHIMS IN. DO NOT USE SHIMS AT THE FRAME HEAD OF A DOOR ASSEMBLY. IF THE ROUGH OPENING HEADER DEFLECTS, BUILDING LOADS WILL BE TRANSFERRED TO THE DOOR CAUSING IMPROPER OPERATION OR FAILURE OF DOOR.

8. After the door is securely fastened in place, remove the pre-squaring clip and zip ties and install any remaining door hardware so door opens and closes during testing for correct operation.

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