



Elixir Door and Metals Company

Door Installation Instructions



Regular Outswing Series 200/300/400 Door Installation Instructions

Size and Rough Opening

Elixir Regular Outswing doors, Series 200 (pre-painted steel skins), 300 (vinyl steel 6-panel Skins), & 400 (vinyl steel skins), are designed so that the rough opening dimensions are the same as the call size. (Tolerance -0, +1/4").

Example: If a rough opening is 34" x 76", order a 34 x 76 door.

Elixir recommends using a jig to build rough opening to the exact dimensions.



Use OSB or other sheathing on both sides and above door. This will provide stability and structural integrity for the door.

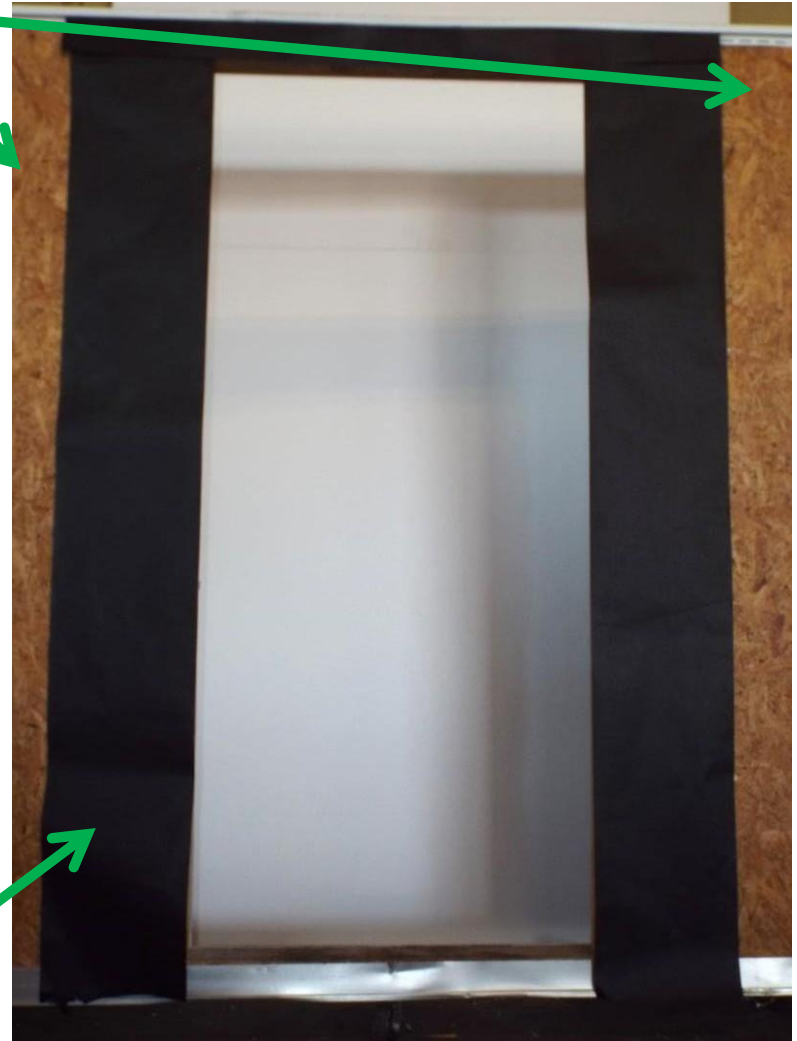
* **To prevent water leaks:** Apply felt on both sides of rough opening & then over the top covering the sides. Felt should overlap the edge of rough opening by two or more inches.

- KS House Wrap (UFPD) is an approved, acceptable alternative to asphalt felt for wrapping door openings in manufactured homes.

After reviewing the material specifications and performance characteristics, KS House Wrap meets or exceeds the necessary requirements for moisture protection, durability, and compatibility with our door systems.

OSB

Felt



Installation

Be certain the floor is level and that the rough opening is square before attempting installation.



1. Making certain all mounting surfaces (siding seams included) are securely fastened and flat around the perimeter of the rough opening. There should be no obstruction in the opening (i.e.: nails, staples, nailing strips, belt rails, etc.).



2. Apply sealant tape to the backside of the door's mounting flange, covering all screw holes.



3. Do **NOT** open the door or remove shipping clips or shims before installation. Opening the door before installation will destroy the proper squaring of the door. If shims are not in place, position one shim at the bottom of the door core butting the striker side frame and underneath the core. Position the other shim near the striker plate between the core and the frame.



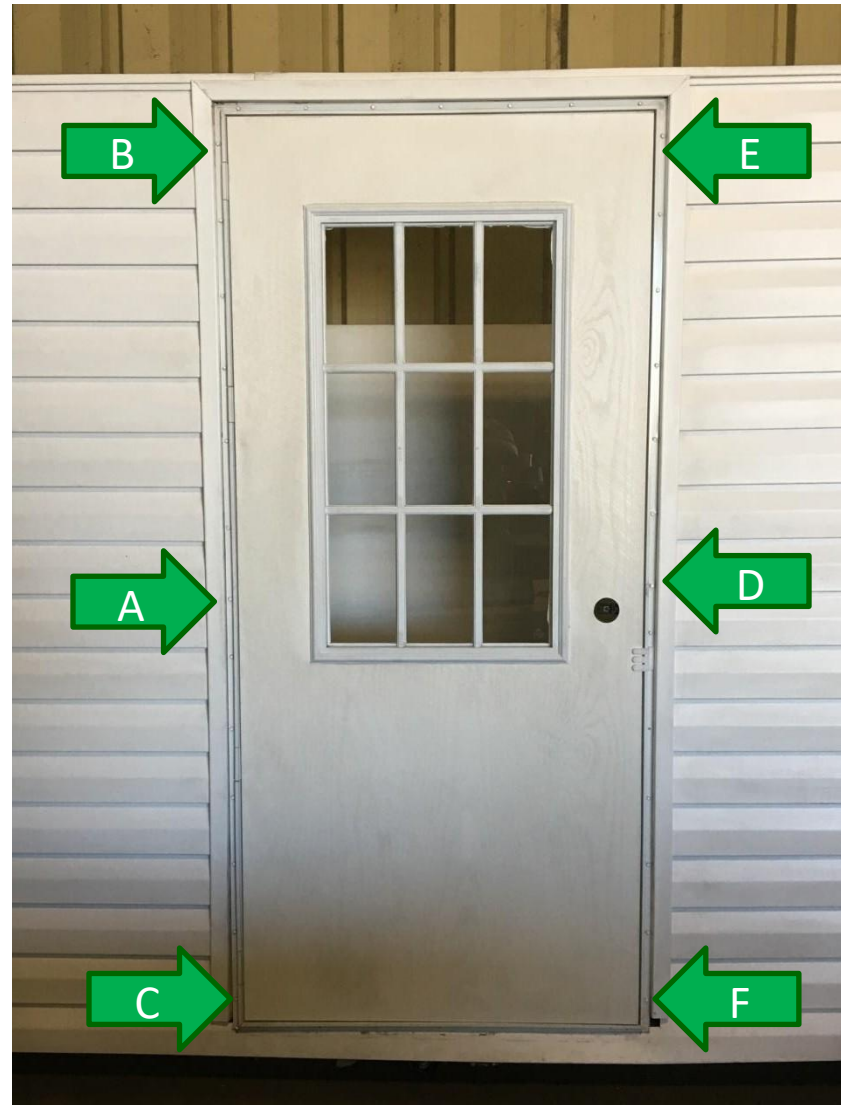
4. Grasp the frame on the sides, lift and tilt towards you. Insert the door assembly carefully into the rough opening. Making certain the door sill is secure on the floor.

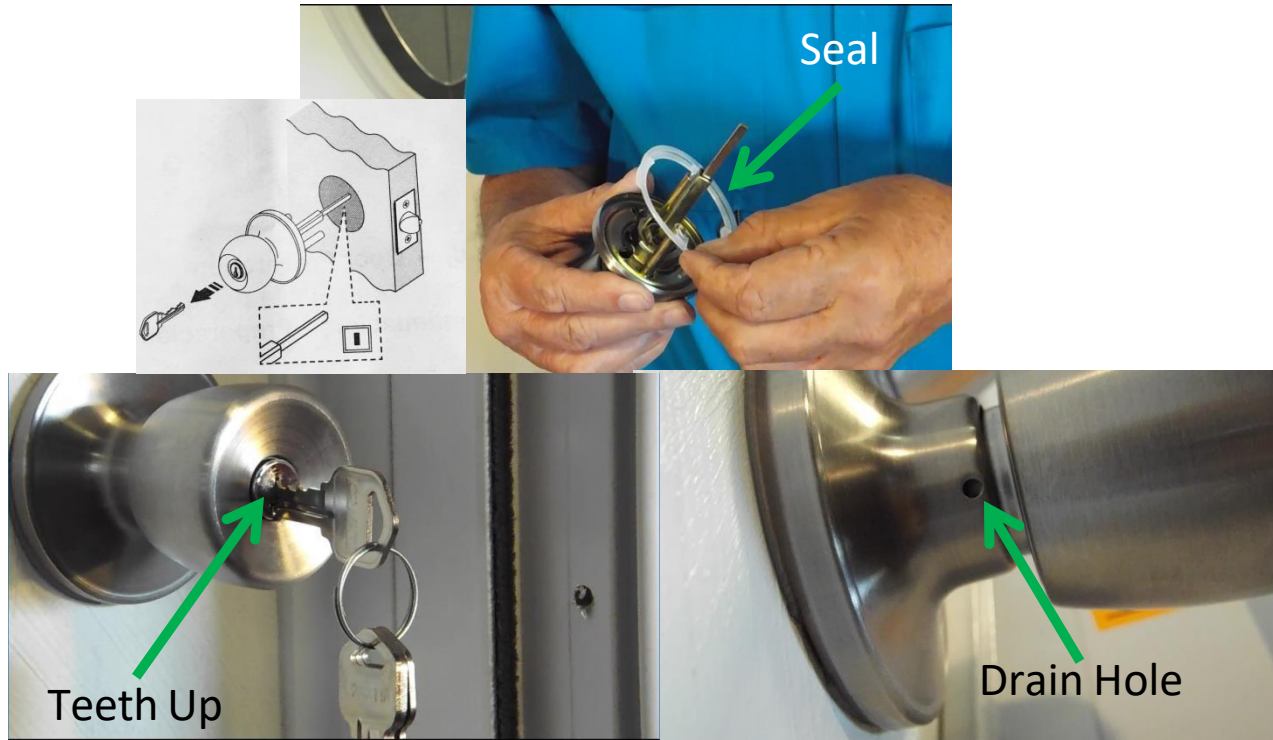
5. We recommend to fasten the door with screws using the following method for field service. Drive six screws into the outer frame. Drive one in the middle, top, and bottom (A, B, C) of the hinge side; then do the same on the lock side (D, E, F). Factory installation should be A, C, F, D. At this point, open and close the door to check the sealing and workability of the door. After this check, install the remainder of screws. **Make sure frame does not twist when installing screws.**

NOTE: Screws should not be angled or overdriven.

Elixir recommends using #8 x $\frac{3}{4}$ " or longer screws.

6. Open the door and remove the shipping shim and fasteners.





7. When installing the door lock, place the seal on the exterior of the door, and position the door lock where the teeth of the key are pointing up when inserted into the lock. The drain hole will be at the bottom when installed properly.

8. When installing a door chain, make sure that the chain bracket is screwed down in the position marked by the label at the top of the door.
 9. Elixir recommends that a drip cap be installed over all regular outswing doors.
 10. If the Elixir door is installed properly in the rough opening, the door should not have to be removed or adjusted. Once the home is setup at the final destination and the perimeter blocking has been completed, the door should work properly. On occasion, between installation and final setup, a house may be sitting in a position that the door could be racked. The door should not be adjusted, the door should return to the original squared position once the house is setup and leveled.
- *If adjustments are made before final setup, adjustments will probably need to be made again.

Setup

The home needs to be setup properly if the door is to work properly.

11. The home **MUST** be level for proper operation. We recommend the door be perimeter blocked underneath both sides of the door.
12. After the door has been installed with hardware and the home is in a level position, check to see that the door is opening, closing, and sealing properly.
13. After the home has been setup at the final destination for at least one month, the perimeter blocking needs to be inspected to insure the home and/or blocks have not settled. If the home or blocks have settled, the perimeter blocking under the door needs to be adjusted so that the blocks are secured tightly against the frame of the home. These inspections need to be conducted every two to three months or whenever the door seems out of adjustment.



Steel Residential Combination Series 7000 Door Installation Instructions

Size and Rough Opening

Elixir Steel Residential Combination Doors, Series STR 7000 have the call size with the appropriate rough opening size listed below.

Recommended Rough Openings

(Tolerance -0, +1/4")

Call Size	Rough Opening
34 x 76	34" x 76"
34 x 78	34" x 78"
34 x 80	34" x 80"
34 x 82	34" x 81-3/4"
36 x 80	36" x 80"
36 x 82	36" x 81-11/16"
38 x 80	37-9/16" x 80"
38 x 82	37-9/16" x 81-11/16"



Elixir recommends using a jig to build rough opening to the exact dimensions.

Use OSB or other sheathing on both sides and above door. This will provide stability and structural integrity for the door.

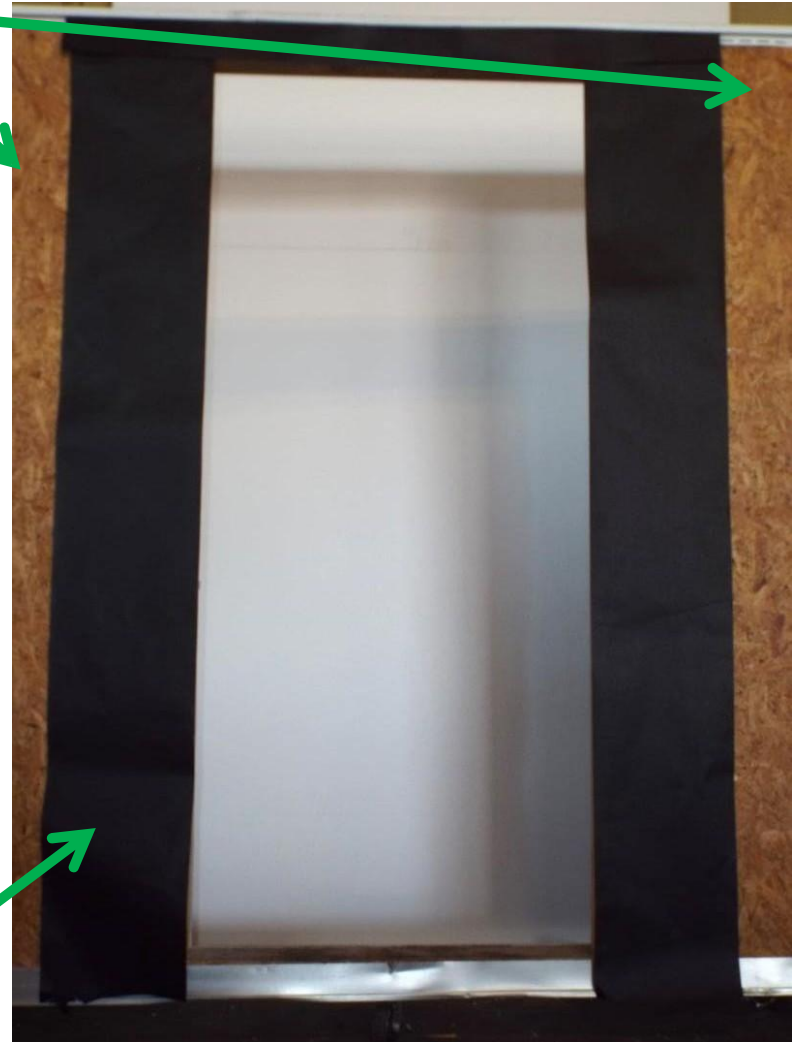
* **To prevent water leaks:** Apply felt on both sides of rough opening & then over the top covering the sides. Felt should overlap the edge of rough opening by two or more inches.

- KS House Wrap (UFPD) is an approved, acceptable alternative to asphalt felt for wrapping door openings in manufactured homes.

After reviewing the material specifications and performance characteristics, KS House Wrap meets or exceeds the necessary requirements for moisture protection, durability, and compatibility with our door systems.

OSB

Felt



Installation

Be certain the floor is level and that the rough opening is square before attempting installation.



1. Making certain all mounting surfaces (siding seams included) are securely fastened and flat around the perimeter of the rough opening. There should be no obstruction in the opening (i.e. nails, staples, nailing strips, belt rails, etc.).



2. Apply sealant tape to the backside of the door's mounting flange, covering all screw holes.



3. Do **NOT** open the door or remove shipping clips or shims before installation. Opening the door before installation will destroy the proper squaring of the door. If shims are not in place for the storm door, position one shim in the striker location and another 2/3 the way down. Position a third shim on the inside core under the sweep and butting against the lock side jamb.



4. Grasp the frame on the sides, lift and tilt towards you. Insert the door assembly carefully into the rough opening. Making certain the door sill is secure on the floor.

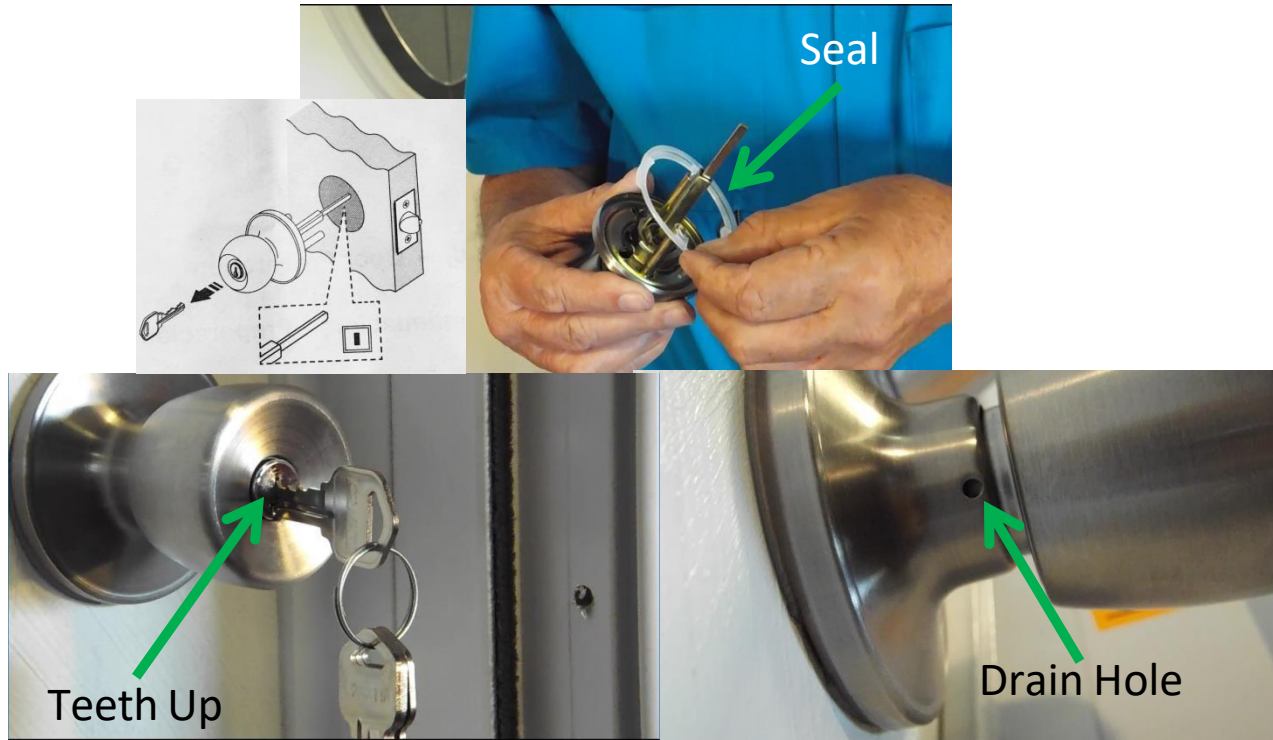
5. We recommend to fasten the door with screws using the following method for field service. Drive six screws into the outer frame. Drive one in the middle, top, and bottom (A, B, C) of the hinge side; then do the same on the lock side (D, E, F). Factory installation should be A, C, F, D. At this point, open and close the door to check the sealing and workability of the door. After this check, install the remainder of screws. **Make sure frame does not twist when installing screws.**

NOTE: Screws should not be angled or overdriven.

Elixir recommends using #8 x $\frac{3}{4}$ " or longer screws.

6. Open the door and remove the shipping shim and fasteners.





7. When installing the door lock, place the seal on the exterior of the door, and position the door lock where the teeth of the key are pointing up when inserted into the lock. The drain hole will be at the bottom when installed properly.

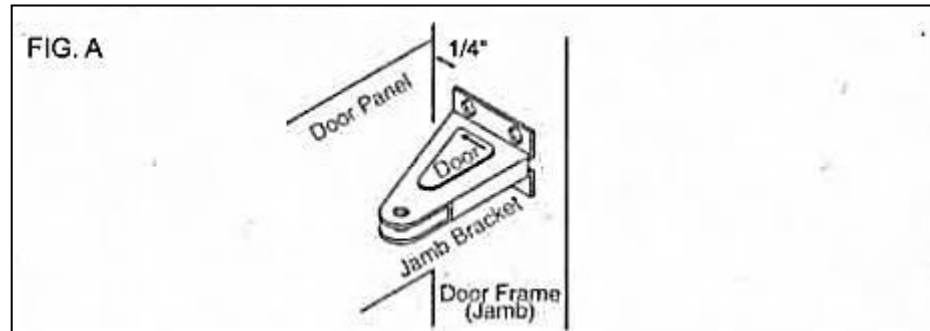


8. If the gap between the jamb and stud is greater than $\frac{1}{4}$ " and if the jamb is bowed out at the lock, it will be necessary to shim behind the jamb.

9. Residential (1-3/4") steel doors have five (2-1/2") flat head screws taped to the door. The screws may be installed at the factory or at final destination. One screw should be installed in each striker plate in the center hole. One screw should be installed in the middle hole of each hinge, through the jamb, and into the stud.

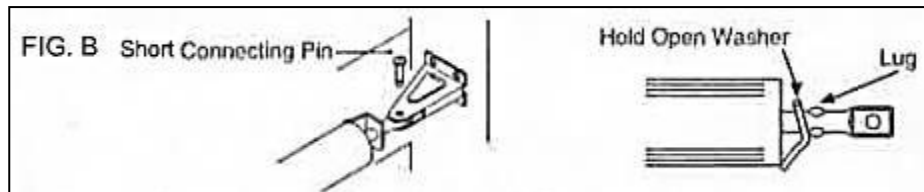
10. The Closer may be installed either on the rail at the top of the storm door or on the mullion strip near the center, whichever is desired.

NOTE: Before installation, check door to see that it closes freely. (Use 1/8" drill bit for all pilot holes)

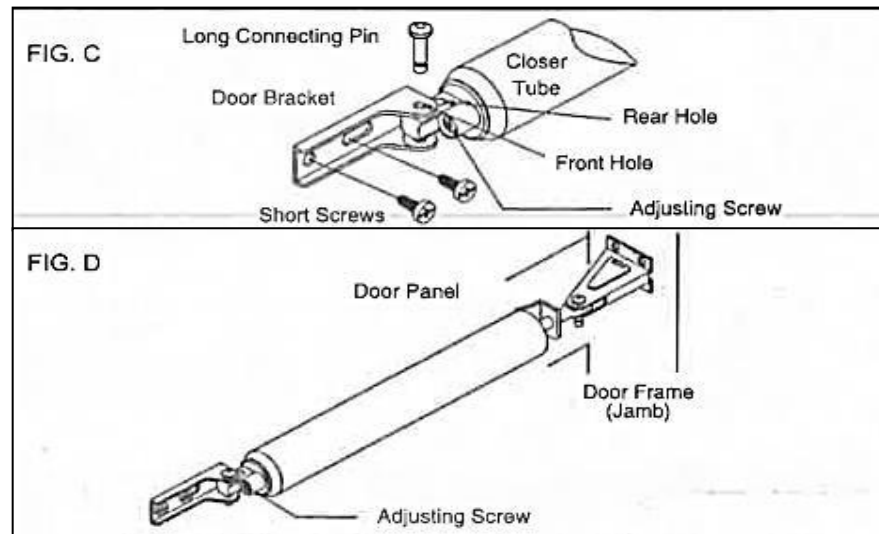


At desired height, fasten jamb bracket to storm door frame with open side 1/4" from door as shown. (See Fig. A). If more latching force is desired, jamb bracket may be moved up to 1" away from door.

NOTE: Moving the jamb bracket further from storm door normally reduces door opening.



Slide hold-open washer on rod. Using short connecting pin, connect closer to jamb bracket. Hold-open washer should be positioned over lugs against closer tube as shown. This will give proper tension for installation. (Do not change until installation is completed.) (See Fig. B)



Attach the door bracket to the closer tube with the long connecting pin (See Fig. C). With storm door tightly closed, hold closer and door bracket against storm door in level position, mark and drill two 1/8" pilot holes. **CAUTION:** Do not drill through storm door. Fasten door bracket to storm door as shown with short screws (See Fig. C). Open door and move hold-open washer back of the lugs on rod. Closer is now ready to operate. The closer speed may be regulated by turning adjusting screw (See Fig. D)

11. If the Elixir door is installed properly in the rough opening, the door should not have to be removed or adjusted. After the home is setup at the final destination and the perimeter blocking has been completed the door should operate properly. On occasion, between installation and final setup, a house may be sitting in a position that the door could be racked. The door should not be adjusted. The door should return to the original squared position once the house is setup and leveled.

*If adjustments are made before final setup, adjustments will probably need to be made again.

Setup

The home needs to be setup properly if the door is to work properly.

12. The home **MUST** be level for proper operation. We recommend the door be perimeter blocked underneath both sides of the door.
13. After the door has been installed with hardware and the home is in a level position, check to see that the door is opening, closing, and sealing properly. It may be necessary to adjust the storm door closure.
14. After the home has been setup at the final destination for at least one month, the perimeter blocking needs to be inspected to insure the home and/or blocks have not settled. If the home or blocks have settled, the perimeter blocking under the door needs to be adjusted so that the blocks are secured tightly against the frame of the home. These inspections need to be conducted every two to three months or whenever the door seems out of adjustment.



Housetype Combination Series 6000/8000/9000 Door Installation Instructions

Size and Rough Opening

Elixir Housetype Combination Doors, Series 6000 (pre-painted steel skins), 8000 (vinyl steel skins), & 9000 (vinylsteel 6-panel skins, folded edge), are designed so that the rough opening dimensions are the same as the call size.

Recommended Rough Openings

(Tolerance -0, +1/4")

Call Size	Rough Opening
34 x 76	34" x 76"
34 x 78	34" x 78"
34 x 80	34" x 80"
34 x 82	34" x 81-3/4"
36 x 80	36" x 80"
36 x 82	36" x 81-11/16"
38 x 80	37-9/16" x 80"
38 x 82	37-9/16" x 81-11/16"



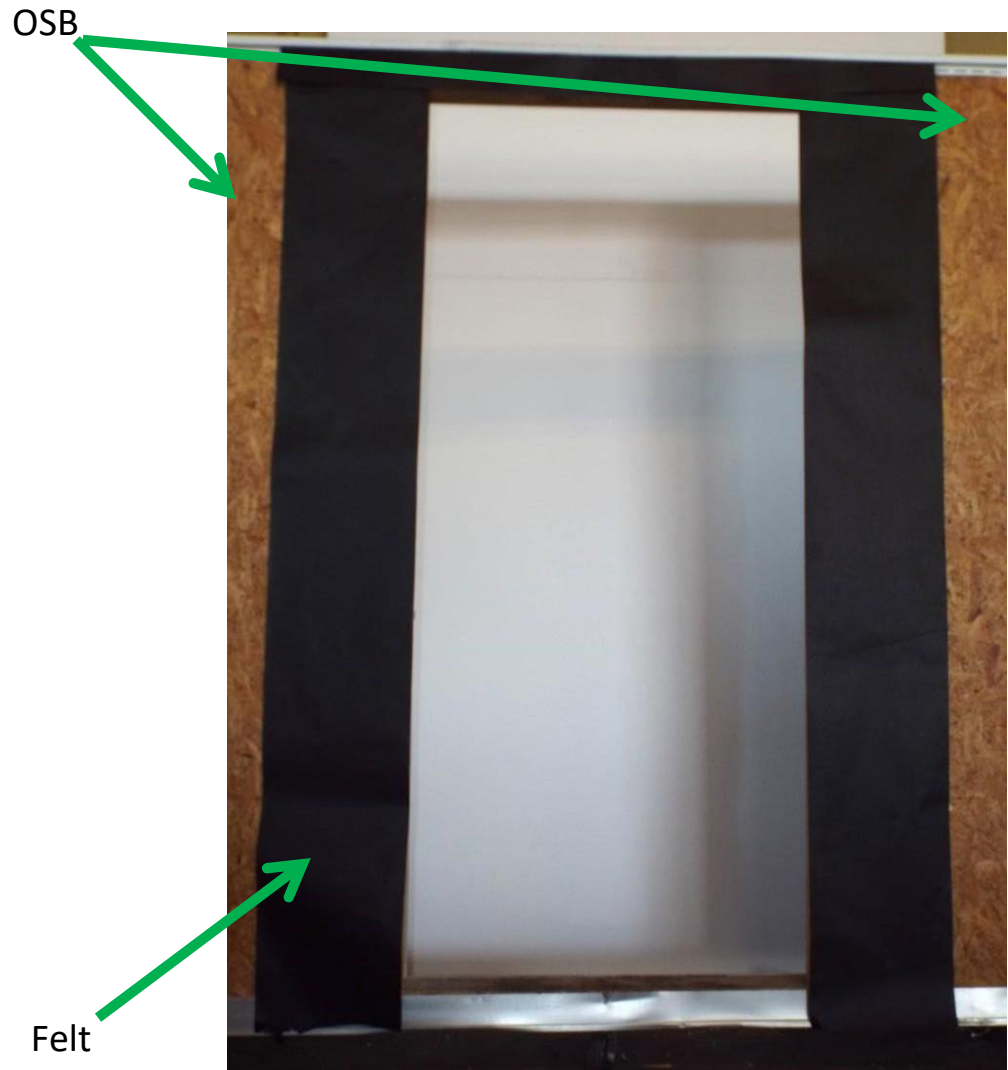
Elixir recommends using a jig to build rough opening to the exact dimensions.

Use OSB or other sheathing on both sides and above door. This will provide stability and structural integrity for the door.

* **To prevent water leaks:** Apply felt on both sides of rough opening & then over the top covering the sides. Felt should overlap the edge of rough opening by two or more inches.

- KS House Wrap (UFPD) is an approved, acceptable alternative to asphalt felt for wrapping door openings in manufactured homes.

After reviewing the material specifications and performance characteristics, KS House Wrap meets or exceeds the necessary requirements for moisture protection, durability, and compatibility with our door systems.



Installation

Be certain the floor is level and that the rough opening is square before attempting installation.



1. Making certain all mounting surfaces (siding seams included) are securely fastened and flat around the perimeter of the rough opening. There should be no obstruction in the opening (i.e.: nails, staples, nailing strips, belt rails, etc.).



2. Apply sealant tape to the backside of the door's mounting flange, covering all screw holes.



3. Do **NOT** open the door or remove shipping clips or shims before installation. Opening the door before installation will destroy the proper squaring of the door. If shims are not in place for the storm door, position one shim in the striker location and another 2/3 the way down. Position a third shim on the inside core under the sweep and butting against the lock side jamb.



4. Grasp the frame on the sides, lift and tilt towards you. Insert the door assembly carefully into the rough opening. Making certain the door sill is secure on the floor.

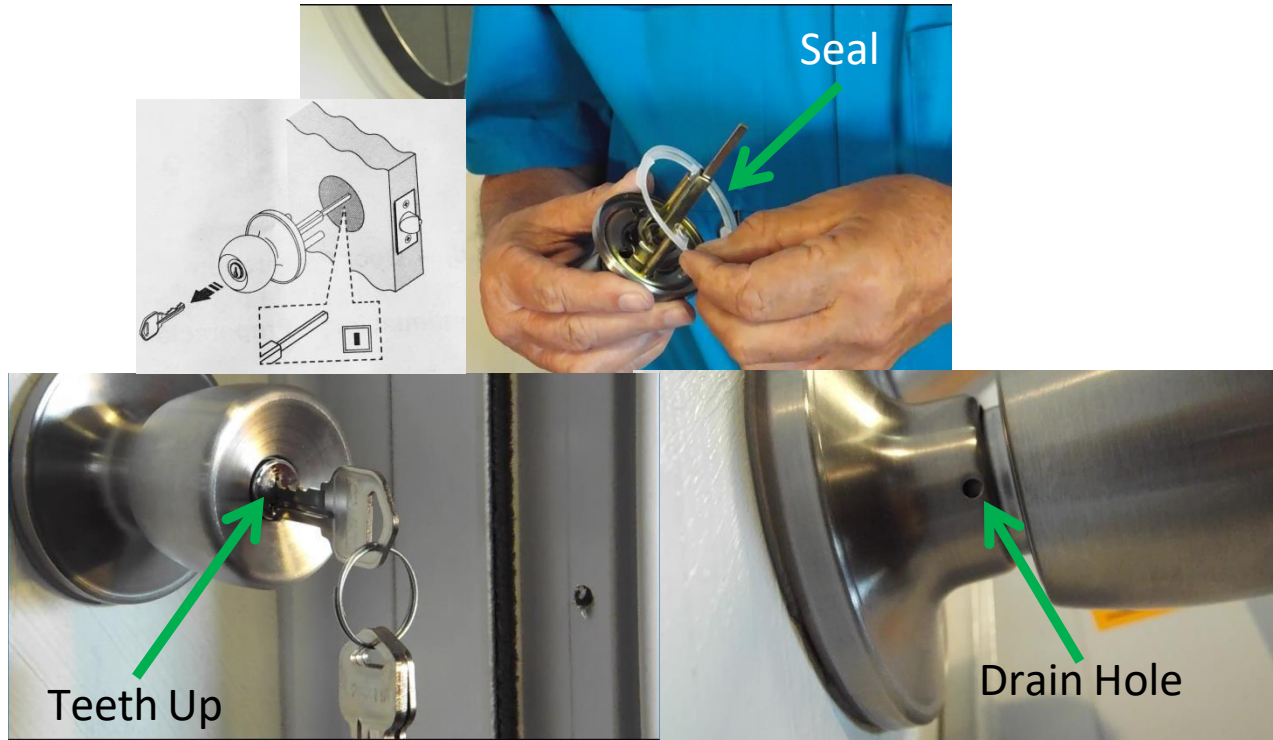
5. We recommend to fasten the door with screws using the following method for field service. Drive six screws into the outer frame. Drive one in the middle, top, and bottom (A, B, C) of the hinge side; then do the same on the lock side (D, E, F). Factory installation should be A, C, F, D. At this point, open and close the door to check the sealing and workability of the door. After this check, install the remainder of screws. **Make sure frame does not twist when installing screws.**

NOTE: Screws should not be angled or overdriven.

Elixir recommends using #8 x $\frac{3}{4}$ " or longer screws.

6. Open the door and remove the shipping shim and fasteners.





7. When installing the door lock, place the seal on the exterior of the door, and position the door lock where the teeth of the key are pointing up when inserted into the lock. The drain hole will be at the bottom when installed properly.

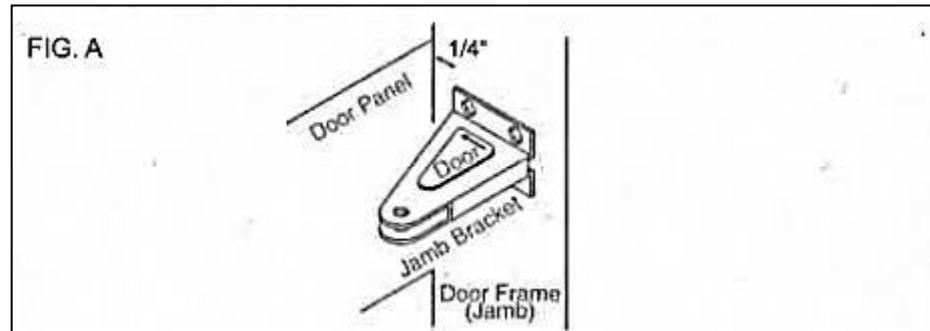


8. If the gap between the jamb and stud is greater than $\frac{1}{4}$ " and if the jamb is bowed out at the lock, it will be necessary to shim behind the jamb.

9. Housetype doors have five (2-1/2") screws taped to the door. These screws may be used for security or adjustment reasons, but are not required. These screws may be installed at the factory or at final destination. There are two flat headed screws, one for the middle hole of each striker plate. Remove the top screw on each hinge and install the one pan head 2-1/2" screw into each hinge, through the jamb, and into the stud.

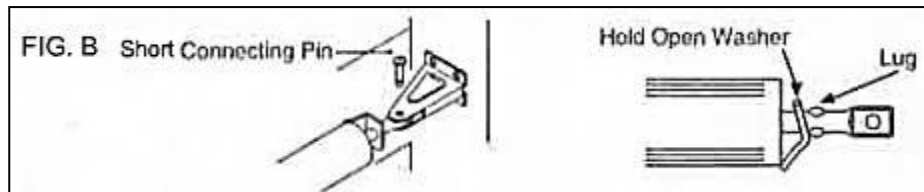
10. The Closer may be installed either on the rail at the top of the storm door or on the mullion strip near the center, whichever is desired.

NOTE: Before installation, check door to see that it closes freely. (Use 1/8" drill bit for all pilot holes)

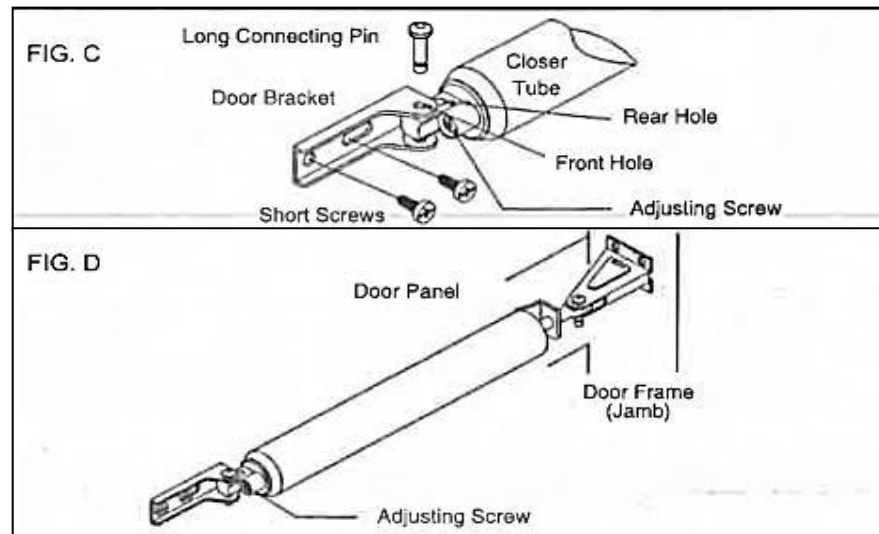


At desired height, fasten jamb bracket to storm door frame with open side 1/4" from door as shown. (See Fig. A). If more latching force is desired, jamb bracket may be moved up to 1" away from door.

NOTE: Moving the jamb bracket further from storm door normally reduces door opening.



Slide hold-open washer on rod. Using short connecting pin, connect closer to jamb bracket. Hold-open washer should be positioned over lugs against closer tube as shown. This will give proper tension for installation. (Do not change until installation is completed.) (See Fig. B)



Attach the door bracket to the closer tube with the long connecting pin (See Fig. C). With storm door tightly closed, hold closer and door bracket against storm door in level position, mark and drill two 1/8" pilot holes. **CAUTION:** Do not drill through storm door. Fasten door bracket to storm door as shown with short screws (See Fig. C). Open door and move hold-open washer back of the lugs on rod. Closer is now ready to operate. The closer speed may be regulated by turning adjusting screw (See Fig. D)

11. If the Elixir door is installed properly in the rough opening, the door should not have to be removed or adjusted. After the home is setup at the final destination and the perimeter blocking has been completed the door should operate properly. On occasion, between installation and final setup, a house may be sitting in a position that the door could be racked. The door should not be adjusted. The door should return to the original squared position once the house is setup and leveled.

*If adjustments are made before final setup, adjustments will probably need to be made again.

Setup

The home needs to be setup properly if the door is to work properly.

12. The home **MUST** be level for proper operation. We recommend the door be perimeter blocked underneath both sides of the door.
13. After the door has been installed with hardware and the home is in a level position, check to see that the door is opening, closing, and sealing properly. It may be necessary to adjust the door stop (if adjustable), or the storm door closure.
14. After the home has been setup at the final destination for at least one month, the perimeter blocking needs to be inspected to insure the home and/or blocks have not settled. If the home or blocks have settled, the perimeter blocking under the door needs to be adjusted so that the blocks are secured tightly against the frame of the home. These inspections need to be conducted every two to three months or whenever the door seems out of adjustment.