



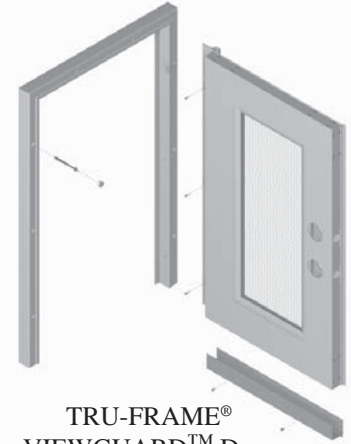
TRU-FRAME®
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Series C614 VIEWGUARD™ Security Door Installation Instructions

TOOLS REQUIRED:

- Tape Measure
- Standard Screwdriver
- Phillips Head Screwdriver
- Drill Motor & 1/8 and 13/64" Drill Bits
- Hack or Chop Saw
- Framing Square
- Level

IMPORTANT:
REVIEW ALL INSTRUCTIONS
THOROUGHLY
BEFORE STARTING STEP 1



TRU-FRAME®
VIEWGUARD™ Door

PARTS INCLUDED:

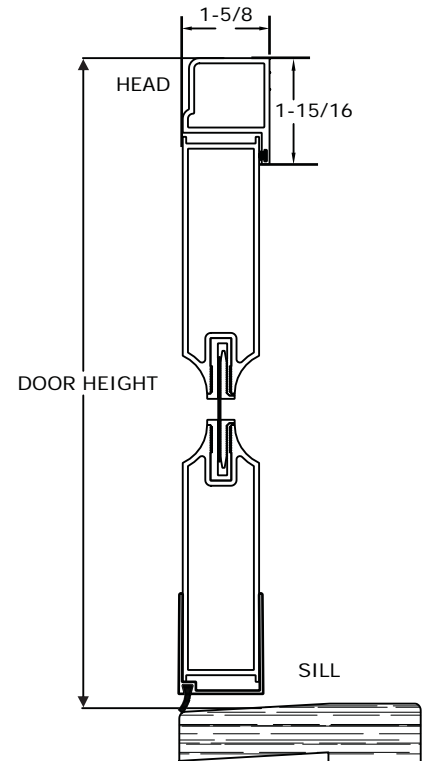
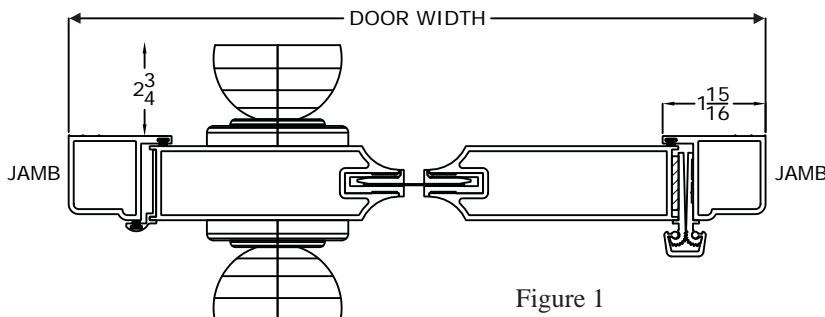


Step 1

Examine Door Opening Condition

This door system requires a flush surface for the head and jamb, with a threshold that extends past the flush surface at least 1 5/8".

The surround mounting surface must be at least 2" wide to completely clear the opening. (Note: If opening clearance is not a consideration, a 1" wide surface will be sufficient for mounting.) While the lock set location is offset to clear most standard door hardware, it is helpful if there is also be at least 2 3/4" from the main door to the mounting surface for hardware clearance. (Figures 1 and 2)





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INSTALLER NOTE: With assistance you may install door with surround attached and skip steps 2 and 5.

Step 2

Remove Door from Surround

Lay the door flat on the inside surface of the surround, on a piece of cardboard or carpet or other protective surface. Open the door fully and, using a Phillips screwdriver, remove the #10 x 3/4" screws holding the hinge to the surround. Set the door aside. (Figure 3)

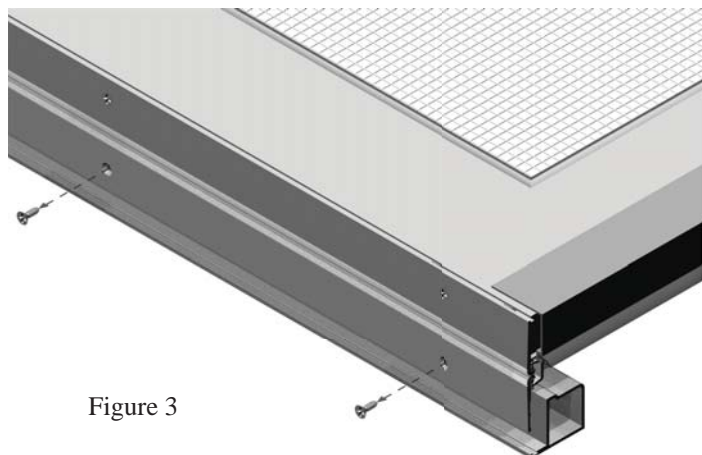


Figure 3

Caution!

Your TRU-FRAME® VIEWGUARD™ door is built to last, and built to keep you secure, but this also means your door is heavy. Get help when lifting or moving your door.

Note: The screen in your TRU-FRAME® VIEWGUARD™ door is very strong material but it can be dented by poor or abusive handling. Use care installing your door.

Step 3

Adjust door height

In a typical installation the door surround verticals will be 2" longer than the main door opening height. (Figure 4) Measure the opening height and add 2". Measure the surround vertical.

If the vertical is the correct length, go on to Step 4. If not, using the hack or chop saw, trim both surround verticals from the square end as necessary. (Figure 5)

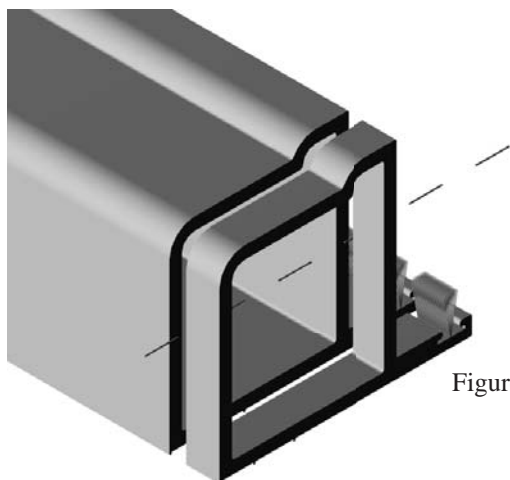


Figure 5

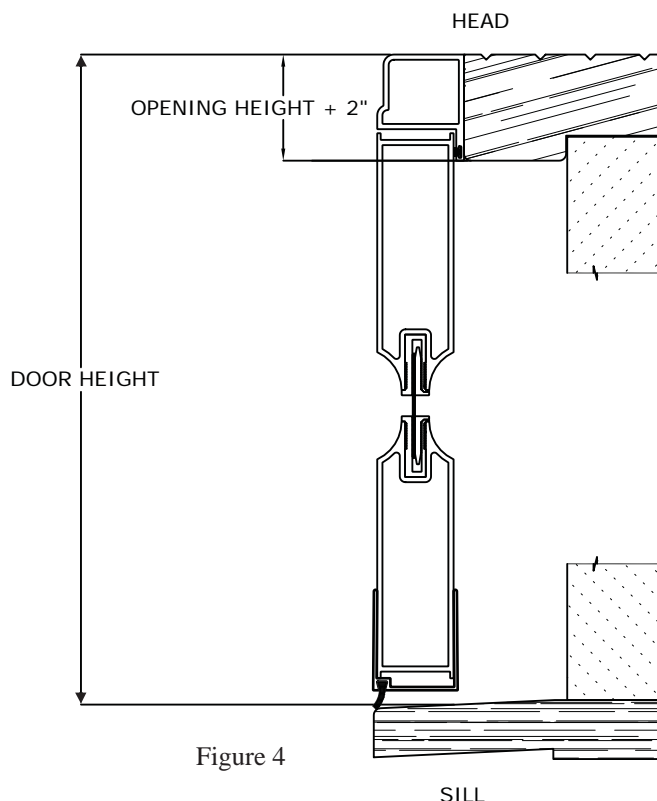


Figure 4



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Step 4

Mount the Surround

Place the surround against the mounting surface. Starting with the hinged jamb, locate the middle screw hole, and, using the 13/64" drill, drill a pilot hole for the #14 x 2" TORX screw. Using the TORX bit supplied, drive TORX screw into the pilot hole until it is just snug. Using the level, insure the hinged jamb is plumb, and drill a pilot hole in the top screw hole (2).

Using the TORX bit supplied, drive a #14 x 2" screw into the pilot hole until it is tight. Tighten the middle screw and drill a pilot hole in the bottom screw hole (3).

Drive a #14 x 2" TORX screw into the bottom hole and tighten. Using the framing square, insure the head surround is square with the hinged jamb, and drill a pilot hole in the screw hole (4) opposite the hinged jamb.

Drive a #14 x 2" screw into the pilot hole until tight. Drill a pilot hole (5) in the screw hole closest to the hinged jamb, and drive a #14 x 2" screw into the pilot hole until tight.

Using the framing square and the level, insure the lock jamb is square with the head surround and plumb, and drill a pilot hole in the bottom screw hole (6) of the lock jamb. Drive a #14 x 2" screw into the pilot hole until tight.

Drill pilot holes in the remaining lock jamb holes (7 and 8), and drive #14 x 2" screws into these holes until tight. (Figure 6)

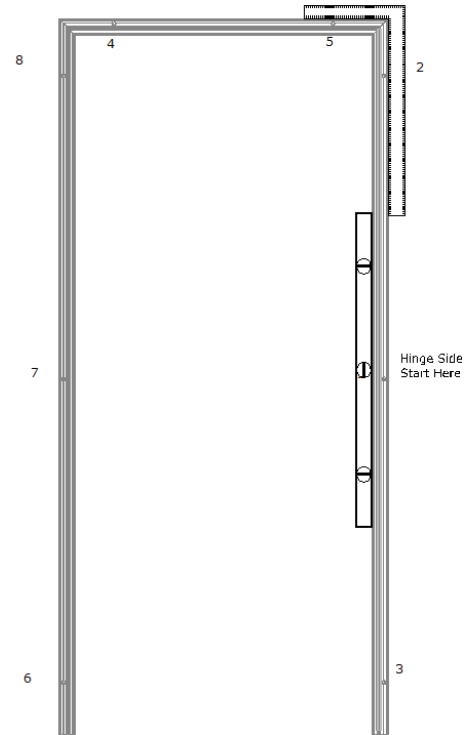


Figure 6



Figure 7

Step 5

Remount Door

Retrieve the #10 x 3/4" screws removed in Step 2. Stand the door up on blocks or wedges, to bring the uppermost hinge screw hole in line with the uppermost screw hole in the hinge jamb surround. (Figure 7) *Note: Get assistance to hold the door in position.*

Using a Phillips screwdriver, screw a #10 x 3/4" screw through the hinge into the surround. Snug but do not tighten this screw. Position the door so that the lowermost hinge screw hole lines up with the lowermost screw hole in the hinge jamb surround.

Using the Phillips screwdriver, screw another #10 x 3/4" screw through the hinge into the surround. Tighten both screws, and replace the rest of the screws from Step 2.

Remove the blocks or wedges and test the operation of the door. The door should operate freely, without binding.



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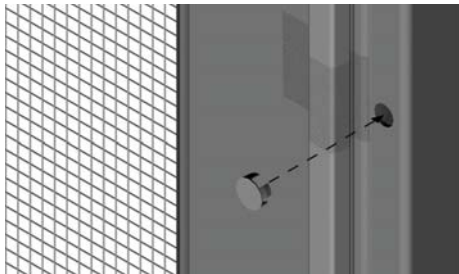


Figure 8

Step 6

Install Screw Caps

Locate the CE6230 screw caps and insert them into the holes in the surround. (Figure 8)

Step 7

Attach Bottom Expander

Locate the #8 x 3/8" screws. Position the bottom expander so that the sweep contacts the threshold without bunching up under the door. (Note: The sweep is serrated and its length toward the threshold may be adjusted by tearing of serrations as necessary.)

From the inside of the door, drill two 1/8" holes through the expander and the door frame at the approximate location indicated in Figure 9, at least 4" from the edge of the door. Do **NOT** drill through the door. Drive the two #8 x 3/8" screws into these holes.

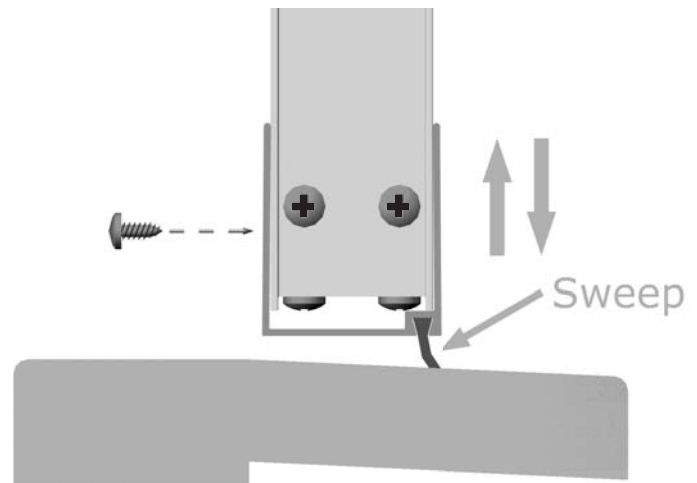


Figure 9

Step 8

Install Hardware

Install the lock set, dead bolt and (optional) closer per the manufacturers instructions. Test the door for operability. You have completed the installation of your TRU-FRAME® VIEWGUARD™ door.

TRU-FRAME® LIMITED WARRANTY

To the original purchaser, R. Lang Company warrants this product and its components parts to be free of defects on materials and workmanship for a period of five years from the date of purchase.

Damage caused by accident, improper installation or abuse, is specifically excluded from this warranty. The screen specifically is not warranted against dents, ripples, or other imperfections that result from accident, improper installation or abuse. Manufacturer's liability on any claim shall not exceed the cost of the product. In no instance shall manufacturer be responsible for consequential damage from the use of this product, including damage to existing door during installation or operation.

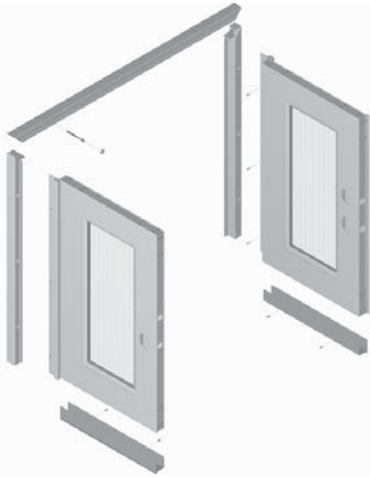
For a period of five (5) years from the date of purchase, any defective product or part may be sent, freight prepaid, to R. Lang Company, 8240 West Doe Avenue, Visalia, California (93291) for replacement or repair at no charge. Proof of purchase date must accompany any returned item. For further information about this warranty, call our friendly customer service staff at R. Lang Company.

This warranty replaces any and all previous warranties, either written, oral, or implied, and is the only warranty made on this product by the R. Lang Company. This warranty gives you specific legal rights. Rights may vary from state to state.



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Series C634 VIEWGUARD™ Security French Door *Installation Instructions*



TOOLS REQUIRED

Standard Screwdriver	Drill Motor	Level
Phillips Head Screwdriver	1/8" Drill Bit	Tape Measure
Hack or Chop Saw	3/16" Drill Bit	Framing Square
	5/8" Drill Bit	

Step 1

Examine Door Opening Condition.

Refer to Step 1, Page 1 and check that your opening will accommodate the door.

Step 2

Remove The Doors From The Surround.

Referring to the instructions in Step 2, page 2, remove the doors from the surround verticals.

Step 3

Adjust Door Height.

Referring to the instructions in Step 3, Page 2, adjust the door height if necessary.

Step 4

Assemble The Surround

Insert the Surround Vertical Clips into the Surround Header. Using the Phillips screwdriver, screw in place with the #6 x 3/8" screws. (Figure 1)

Step 5

Mount the Surround

Referring to the instructions in Step 3, Page 2, mount the surround.

Step 6

Remount Doors

Referring to the instructions in Step 5, Page 3, remount the doors.

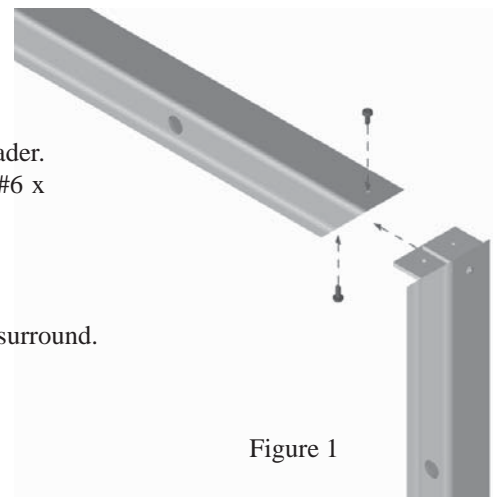


Figure 1



Step 7

Install Screw Caps

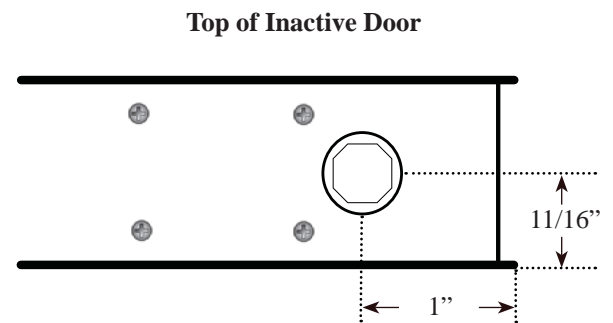
Referring to the instructions in Step 6, Page 4, install the Screw Caps

Step 8

Determine Sill Flush Bolt Hole Location.

Test the operation of both doors for proper clearance before drilling flush bolt holes into surround and threshold. Close the inactive door against the surround weather-strip. The center location of the top and bottom flush bolts is 1" from the outside edge of the inactive door and 11/16" in on the door depth. With a pencil, mark a line on the underside of the surround 1" from the corner of the door edge. From this point measure in 11/16" to find the center line for the flush bolt drill location.

Lift the top flush bolt lever to extend the pin to make contact with the surround to confirm the location center-line. Drill a 5/8" hole into the surround at this location. Engage the top flush bolt and test the fit before proceeding to the threshold. With the top bolt engaged locate the bottom flush bolt by extending the bolt to the threshold surface and marking the location with a pencil. Drill a 5/8" hole at the center point and insert the flush bolt. The flush bolt length can be adjusted with a 1/2" open end or crescent wrench.



Step 9

Adjust Bottom Flush Bolt.

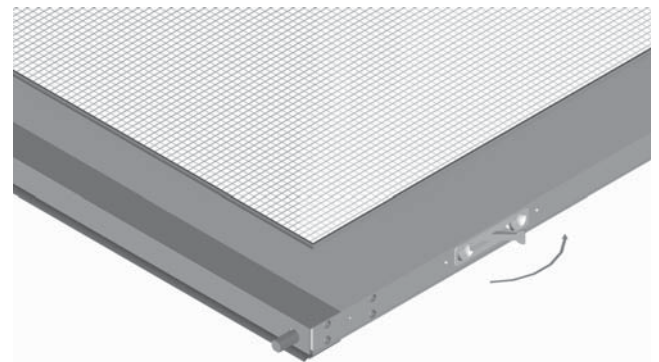
Put the stationary door in the closed position and measure the distance from the expander to the sill where the flush bolt hole is drilled. Open the stationary door to a position where the flush bolt is accessible. (Note: In some applications it may be necessary to dismount the stationary door to access the flush bolt. Refer to Page 2, Step 2.)

Extend the bottom flush bolt by operating the lever in the direction shown. It should extend at least 1/2" past the dimension from the expander to the sill. If it does not, using the 1/2" wrench, rotate the flush bolt counterclockwise until it does.

Step 10

Attach Bottom Expanders

Referring to Step 7, Page 4, fix the bottom expanders into place.



Step 11

Install Hardware

Install the lockset(s), deadbolt(s) and (optional) closer(s) per the manufacturers instructions. Test the door for operability. You have completed the installation of your TRU-FRAME® VIEWGUARD™ door.