ULINE H-12832

VON DUPRIN® DOOR EXIT DEVICE

HEAVY DUTY, NO HANDLE

1-800-295-5510
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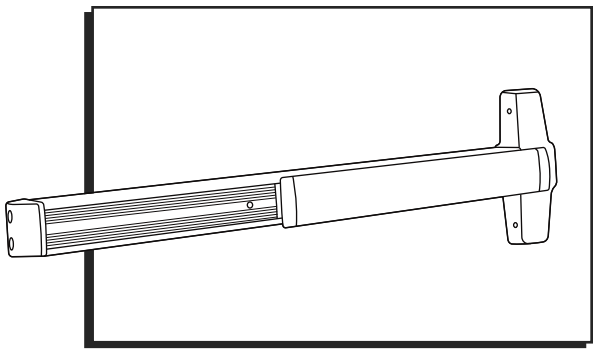
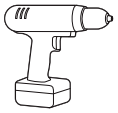
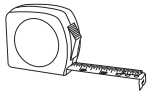


Two Person Assembly Recommended

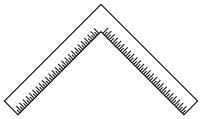
TOOLS NEEDED



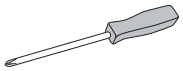
Drill



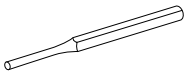
Tape Measure



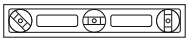
Square



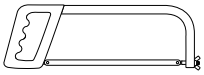
Phillips Screwdriver



Center Punch



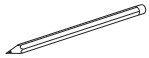
Level



Hacksaw

Metal File

Masking Tape



Pencil

METAL DOOR INSTALLATION

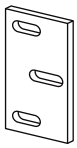
#25 Drill Bit

#10-24 Tap

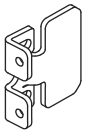
WOODEN DOOR INSTALLATION

1/8" Drill Bit

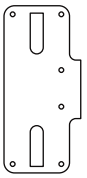
PARTS



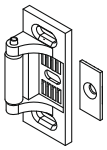
Shim x 1



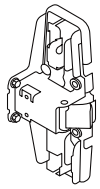
End Cap Bracket x 1



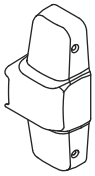
Plastic Template x 1



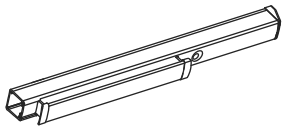
Strike and
Strike Support Plate x 1



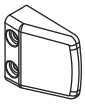
Center Case x 1



Center Case
Cover x 1



Exit Device x 1



End Cap x 1

#10-24 x 3/4"
Screw x 3

#10 x 1½"
Wood Screw x 3

#10-24 x 1" Screw x 6

#10-24 x 1½"
Screw x 6

#10 x 1¼"
Wood Screw x 8

#10-24 x 3/4"
Screw x 2

#10-24 x 1⅛"
Screw x 2

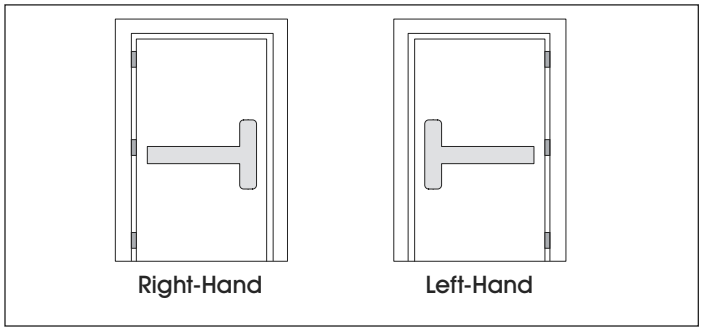
#10-16 x 3/4" Thread
Cutting Screw x 2

#8-18 x 3/4" Thread
Cutting Screw x 4

Dogging Key x 1

INSTALLATION

Right-hand installation is shown throughout instructions.



NOTE: Only use included manufacturer fasteners for installation.

1. Slightly open door. Use square and pencil to draw a horizontal line tabout 39 13/16" from the finished floor. (See Figure 1)
2. Create a strike center line (℄) in pencil where the horizontal center line on door meets frame. (See Figure 1)

NOTE: For double doors with a mullion and strike already installed, use existing strike center line.

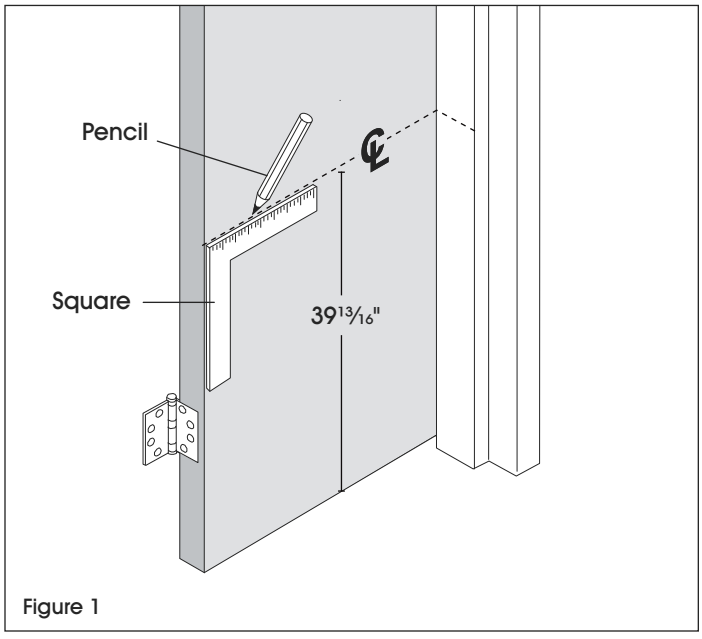


Figure 1

3. Align the strike to the center line (℄) on door frame. Ensure the roller is against the closed door and mark the two slotted holes. (See Figure 2)

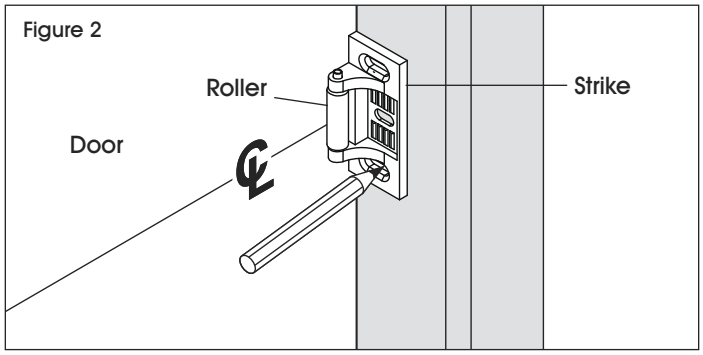


Figure 2

4. Drill two holes at previously marked locations. Secure strike with screws. (See Figures 3-4)

NOTE: Do not install shim in this step.

a. For metal door frames, use #25 drill bit and #10-24 tap. Secure with #10-24 x 3/4" screws.

b. For wooden door frames, use 1/8" drill bit and drill pilot hole 1" deep. Secure with #10 x 1½" wood screws.

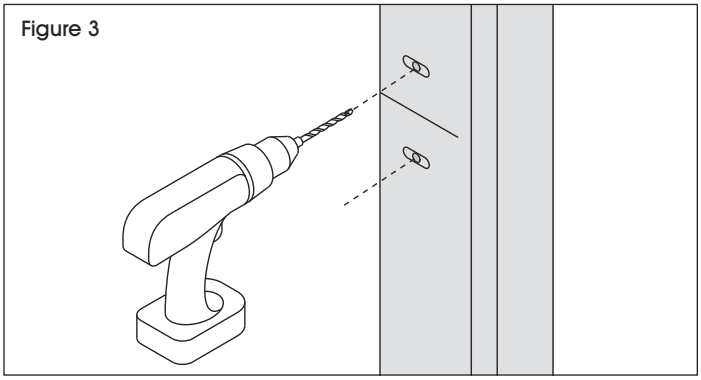


Figure 3

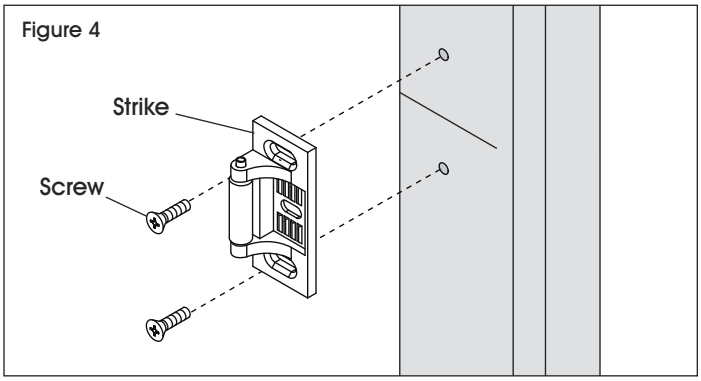
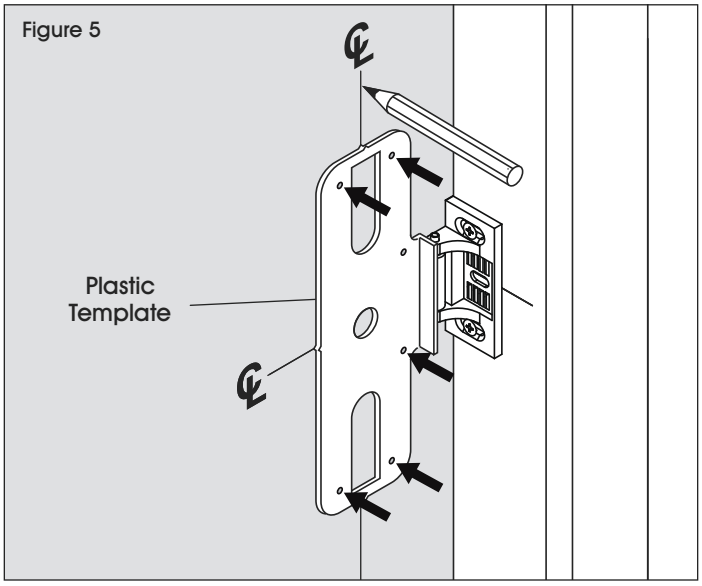


Figure 4

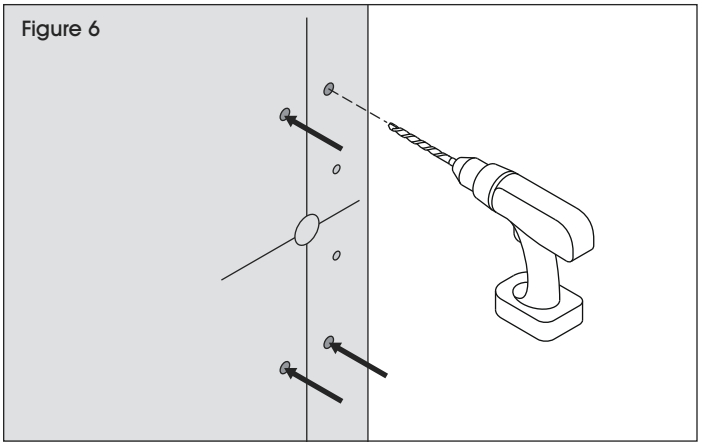
5. Position the plastic template against the installed strike and horizontal center line (℄). The arrow on the hinge side of the template should be pointing to the center line. Use a pencil to mark a vertical center line on the door. (See Figure 5)
6. Use pencil to mark the six holes from the plastic template onto the door. (See Figure 5)

Figure 5



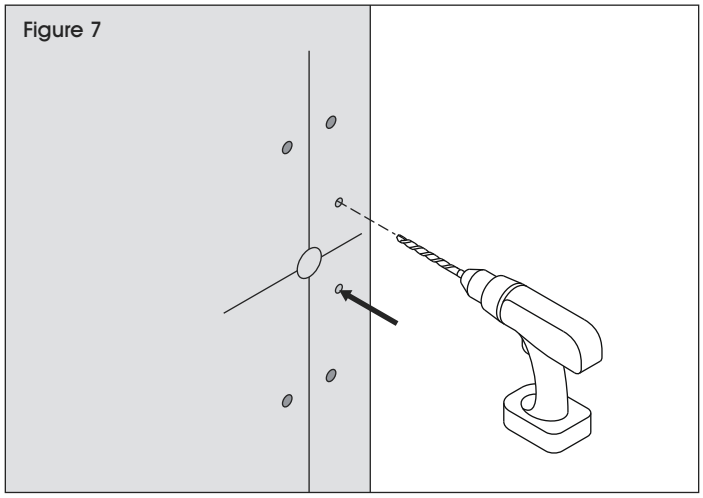
7. Drill four mounting holes for the center case. (See Figure 6)
   a. For metal doors, use #25 drill bit and #10-24 tap.
   b. For wooden doors, use 1/8" drill bit and drill pilot hole 1" deep.

Figure 6



8. Prepare and drill two support holes for the center case. (See Figure 7)
   a. For metal doors, use #25 drill bit and #10-24 tap.
   b. For wooden doors, use 1/8" drill bit and drill pilot hole 1" deep.

Figure 7



STOP

If clearance on the hinge side of the door is less than the required minimum of 1½" (from the exit device without the end cap installed to the door jamb), you will need to cut the end of the exit device. See Trimming Exit Device on page 7.

9. Attach the center case to door using the four screw holes prepared in step 7. (See Figure 8)
   a. For metal doors, use 10-24 x 1" screws.
   b. For wooden doors, use 10 x 1¼" wood screws.

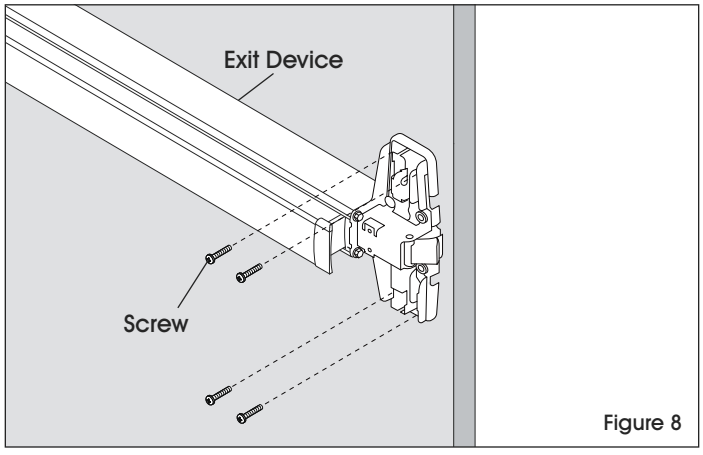


Figure 8

INSTALLATION CONTINUED

10. Once four screws are installed into the center case, use level to ensure exit device is level. (See Figure 9)

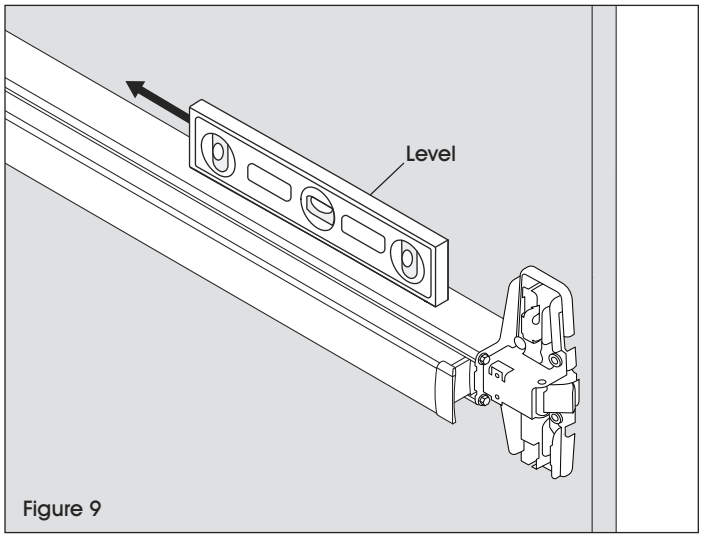


Figure 9

11. Slide the end cap bracket into the exit device. (See Figure 10)

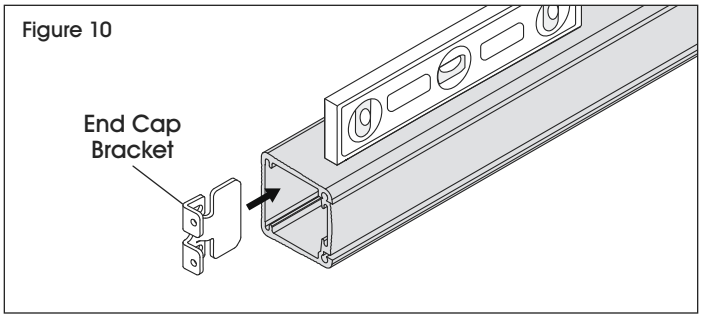


Figure 10

12. Mark holes in pencil, then remove end cap bracket and drill two holes at marked locations. (See Figure 11)
    a. For metal doors, use #25 drill bit and #10-24 tap.
    b. For wooden doors, use 1/8" drill bit and drill pilot hole 1" deep.

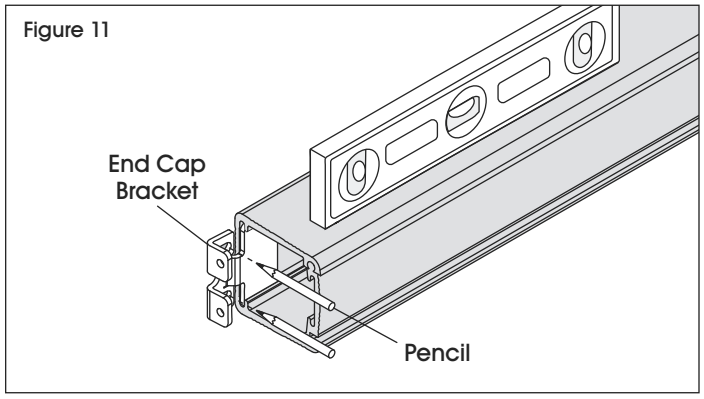


Figure 11

13. Reinsert the end cap bracket. Secure using screwdriver and screws. (See Figure 12)
    a. For metal doors, use #10-24 x 3/4"
    b. For wooden doors, use #10 x 1¼" wood screws.

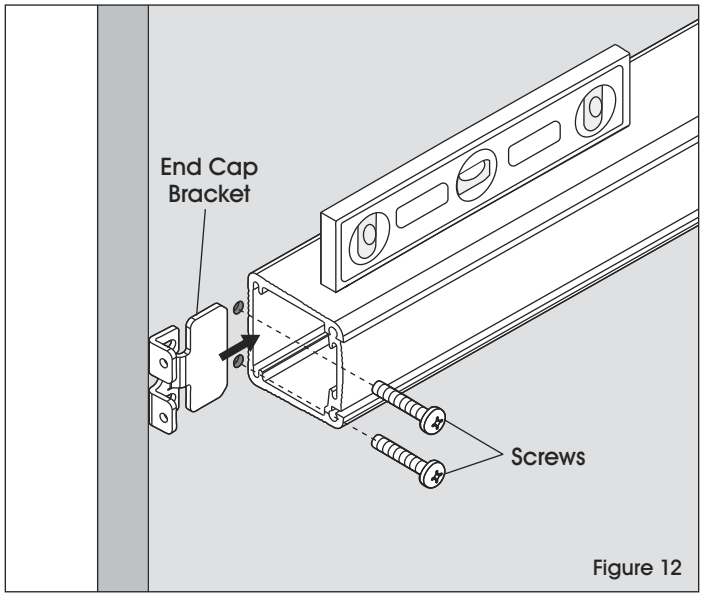


Figure 12

14. Install the end cap using screwdriver and #10-16 x 3/4" thread cutting screws. (See Figure 13)

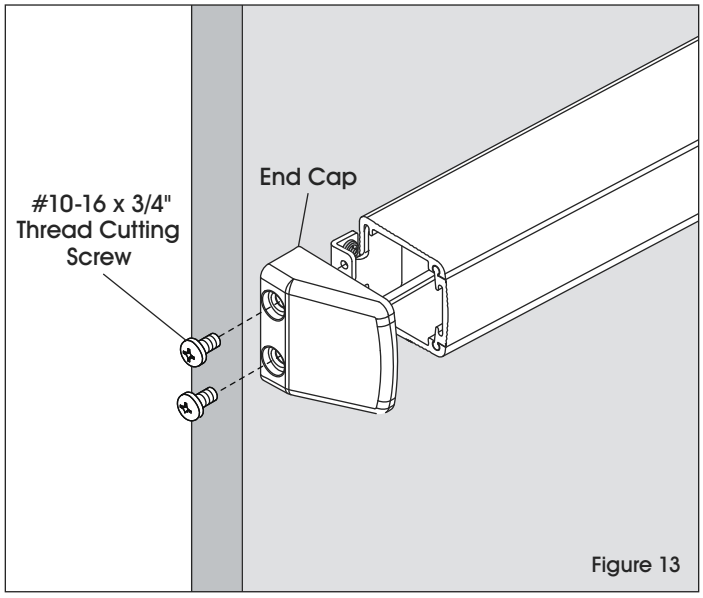


Figure 13

15. Attach the center case to door through the two previously drilled support holes from step 8. Secure with screws. (See Figure 14)

    a. For metal doors, use #10-24 x 1" screws.

    b. For wooden doors, use #10 x 1¼" wood screws.

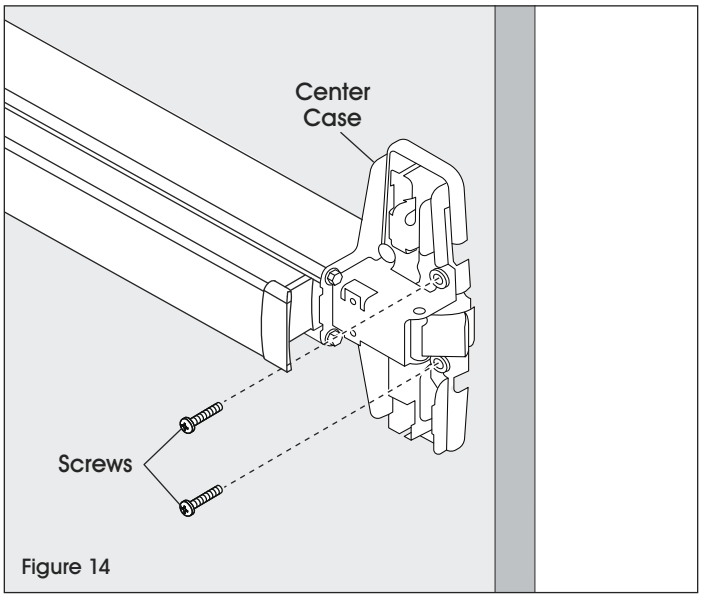


Figure 14

16. Attach center case cover with screwdriver and #8-18 x 3/4" thread cutting screws. (See Figure 15)

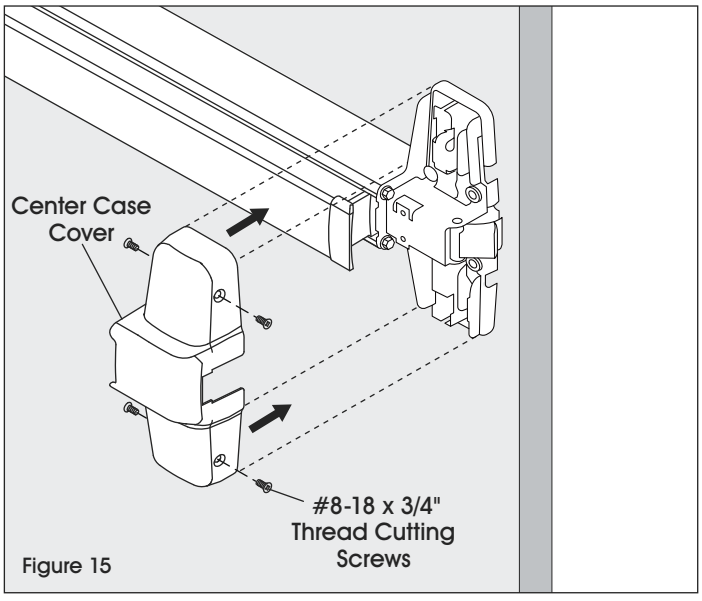


Figure 15

17. Remove protective blue film from the push bar.

18. Adjust strike plate and add shim if needed. Ensure the latch is fully extended when engaged with the strike plate. There should be a 3/16" clearance between the roller on the strike and the center case cover. (See Figure 16)

NOTE: If the latch is not fully engaged, remount the strike piece closer, or further, from the door, or add shim piece.

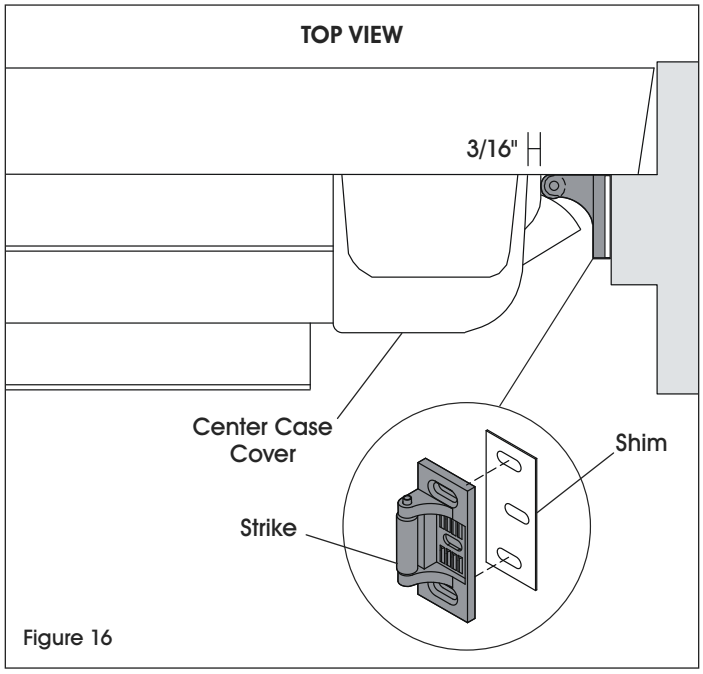


Figure 16

19. Once 3/16" clearance is ensured between the roller and center case cover, install strike support plate. (See Figure 17)

    a. For metal door frame, use #25 drill bit and #10-24 tap. Secure with #10-24 x 3/4" screw.

    b. For wooden door frame, drill 1" deep with 1/8" drill bit. Secure with #10 x 1½" wood screw.

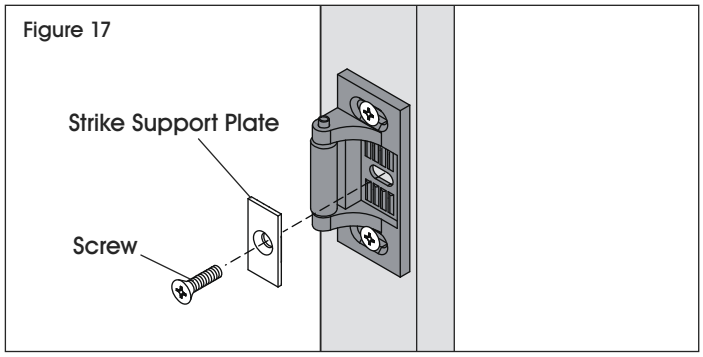
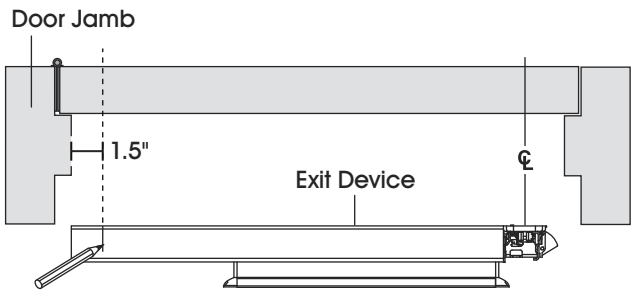


Figure 17

TRIMMING EXIT DEVICE

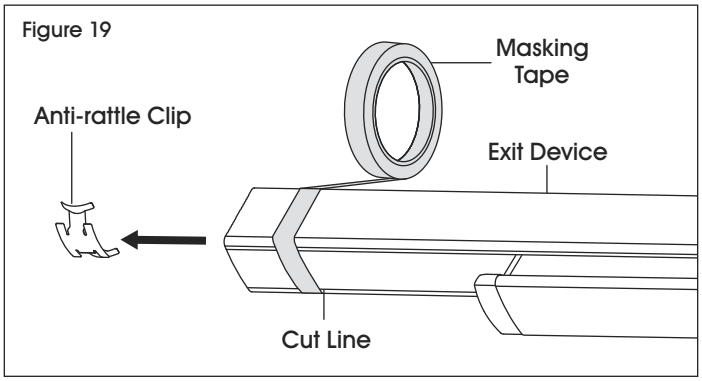
1. Measure a cut line that allows for 1.5" of space between exit device and door jamb. Mark proper cutline on all four sides of the exit device in pencil. (See Figure 18)

Figure 18



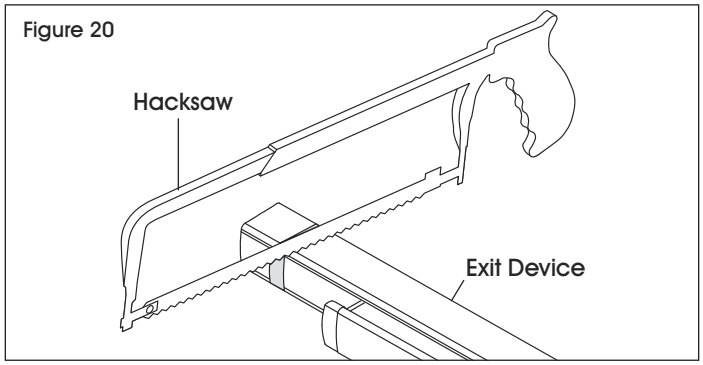
2. Align masking tape to the edge of the pencil mark to create a distinguishable cut mark across each side of the exit device. Temporarily remove the anti-rattle clip. (See Figure 19)

Figure 19



3. Use hacksaw to cut the end of the exit device. Use a metal file to remove any burrs. (See Figure 20)

Figure 20



4. Re-install the anti-rattle clip. This should be placed a minimum of 2" inside the exit device.