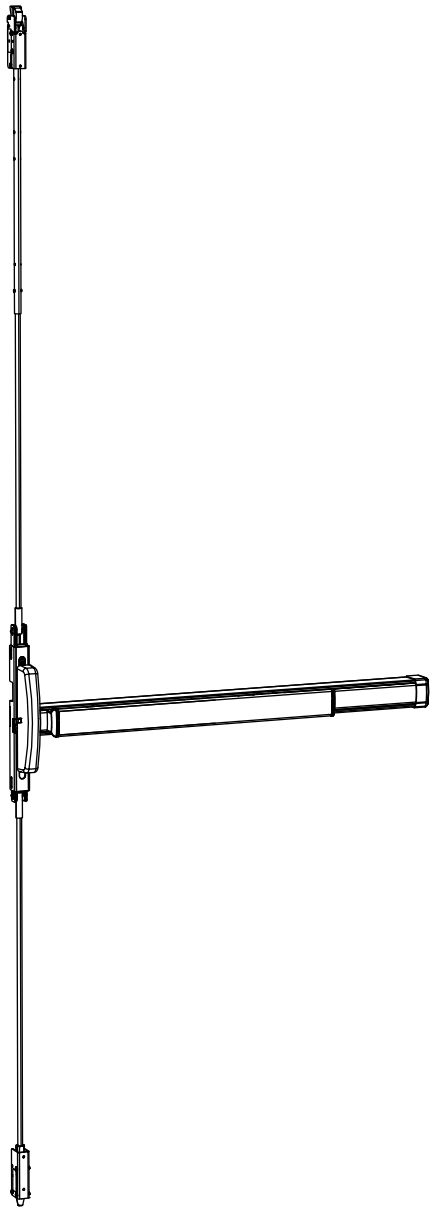
BEST

dormakaba Group

Concealed Vertical Rod Exit Device

Series 2600 | FL2600 | 2600LBR | FL2600LBR (reversible)

Installation Instructions



T93629_B - 11/2025
Original document

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1 Important safety information

1.1 Safety warnings

1.1.1 Safety instructions: To reduce risk of injury or damage, carefully read and follow safety warnings, cautions and notices provided.

1.1.2 Safety warnings: Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ WARNING

1.1.3 Safety cautions: Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

⚠ CAUTION

1.1.4 Notice: Indicates information considered important but not directly hazard-related.

NOTICE

- Protect inside of device from metal shavings.

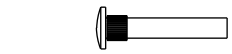
2 Technical specifications

2.1 Tools needed

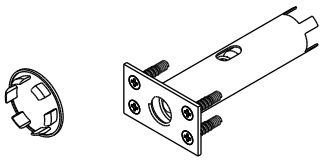
Phillips head screwdriver	Level	Drill bits: 3/32", #25, 7/32", 1/4", 5/16", 3/8", 13/32", 7/16", 5/8", 3/4"	Hacksaw
Flat head screwdriver	Drill	Hole saw: 1-1/8", 1-3/16", 1-3/8", 1-7/16", 1-3/4"	Tap: #10-24

2.2 Important information

For fire exit devices series FL2600 and FL2600LBR:
Sex bolts or through bolts are required for composite (wood, plastic and steel covered), wood core, sheet metal and hollow metal doors without reinforcement unless door manufacturer has an alternate mounting method. Fire doors with steel reinforcement, mount devices with machine screws.



NOTE: Fire rated device with less bottom rod applications must use fire bolt.

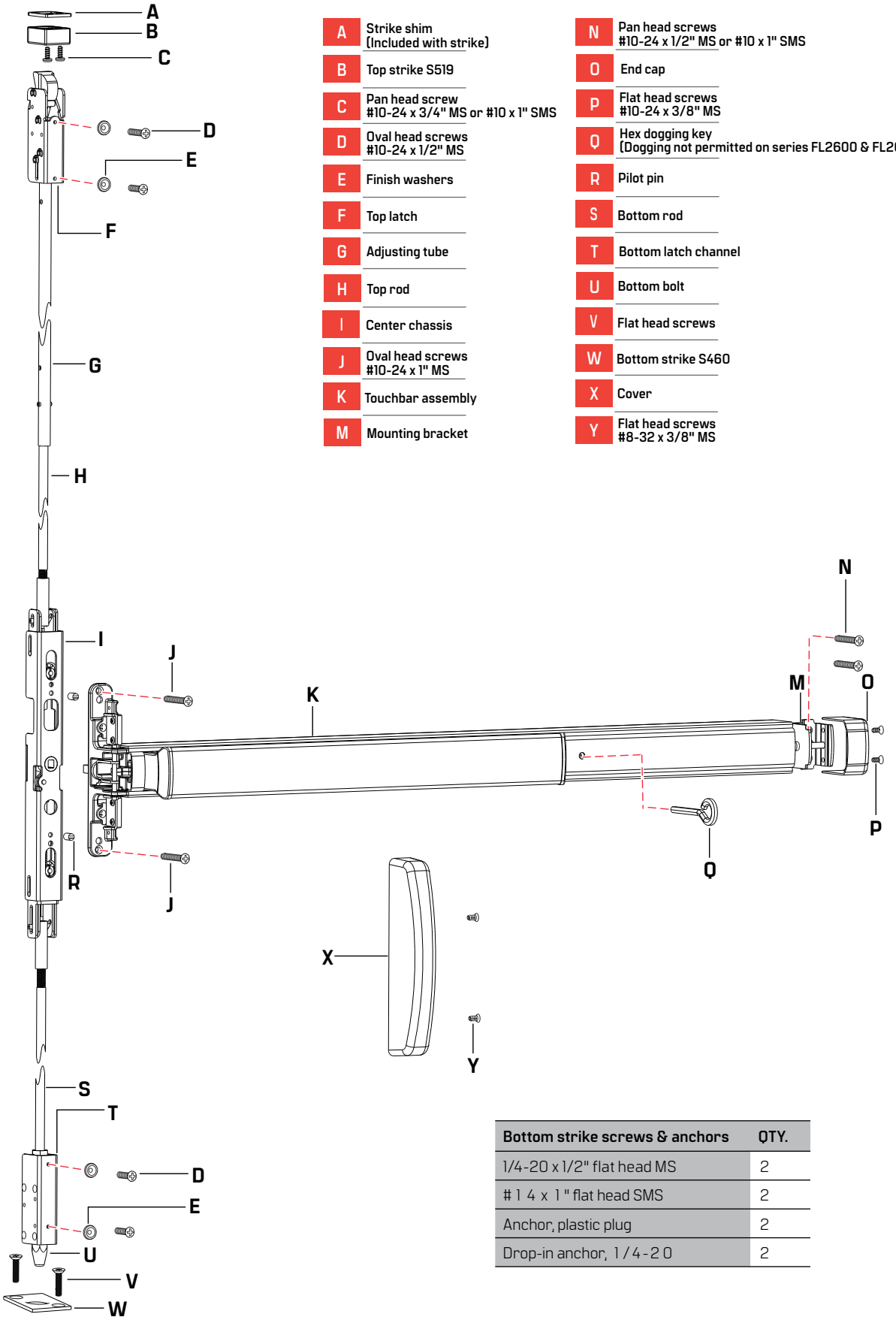


2.3 Measurements

2.3.1 All dimensions are given in inches [millimeters].

2.4 Overview and parts list

Fig. 1

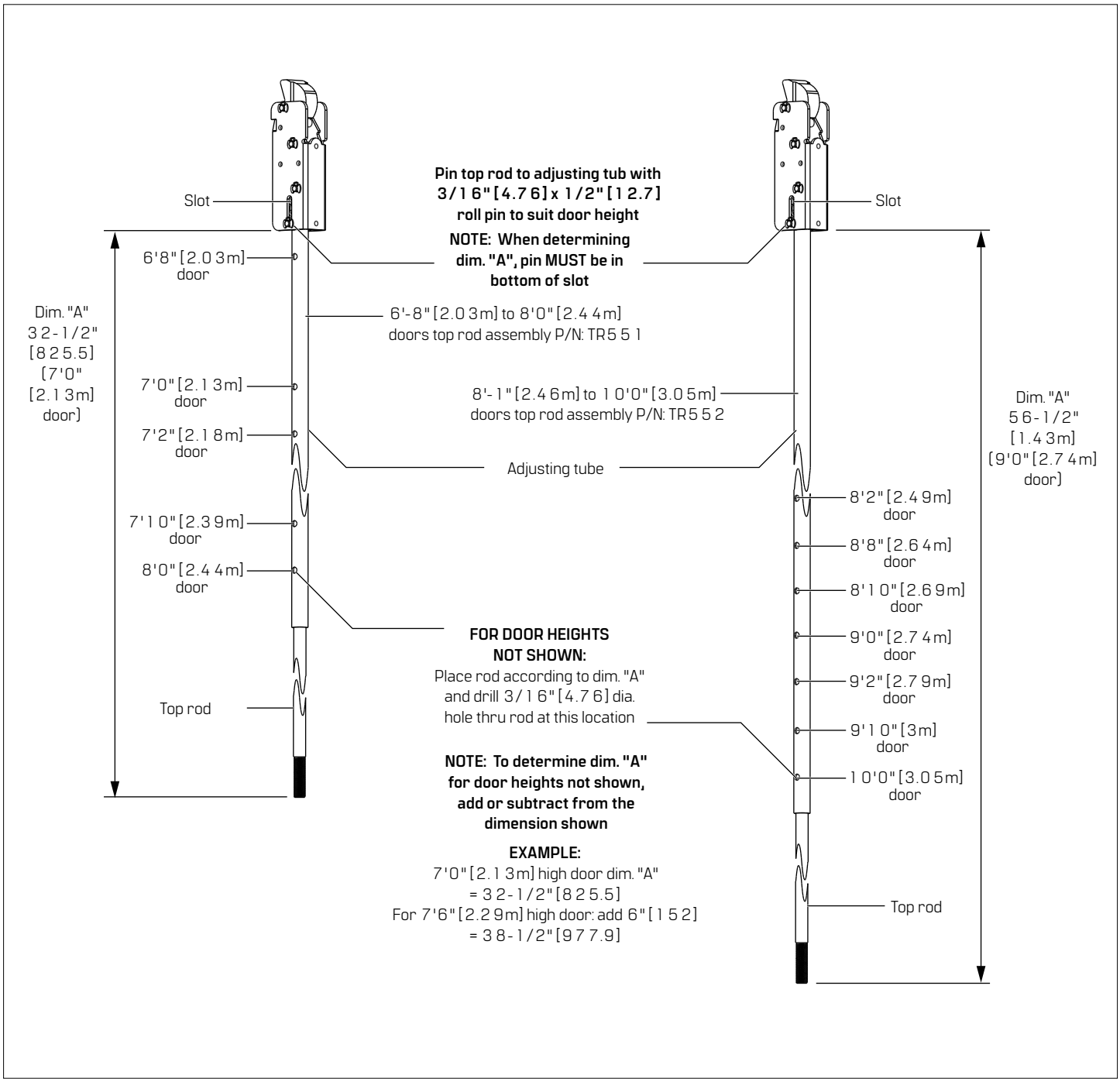


A	Strike shim (Included with strike)
B	Top strike S519
C	Pan head screw #10-24 x 3/4" MS or #10 x 1" SMS
D	Oval head screws #10-24 x 1/2" MS
E	Finish washers
F	Top latch
G	Adjusting tube
H	Top rod
I	Center chassis
J	Oval head screws #10-24 x 1" MS
K	Touchbar assembly
M	Mounting bracket
N	Pan head screws #10-24 x 1/2" MS or #10 x 1" SMS
O	End cap
P	Flat head screws #10-24 x 3/8" MS
Q	Hex dogging key (Dogging not permitted on series FL2600 & FL2600LBR)
R	Pilot pin
S	Bottom rod
T	Bottom latch channel
U	Bottom bolt
V	Flat head screws
W	Bottom strike S460
X	Cover
Y	Flat head screws #8-32 x 3/8" MS

Bottom strike screws & anchors	QTY.
1/4-20 x 1/2" flat head MS	2
#14 x 1" flat head SMS	2
Anchor, plastic plug	2
Drop-in anchor, 1/4-20	2

2.5 Rod height adjustment

Fig. 2



3 Device preparation

3.1 Cutting device (if necessary)

Fig. 3, Fig. 4

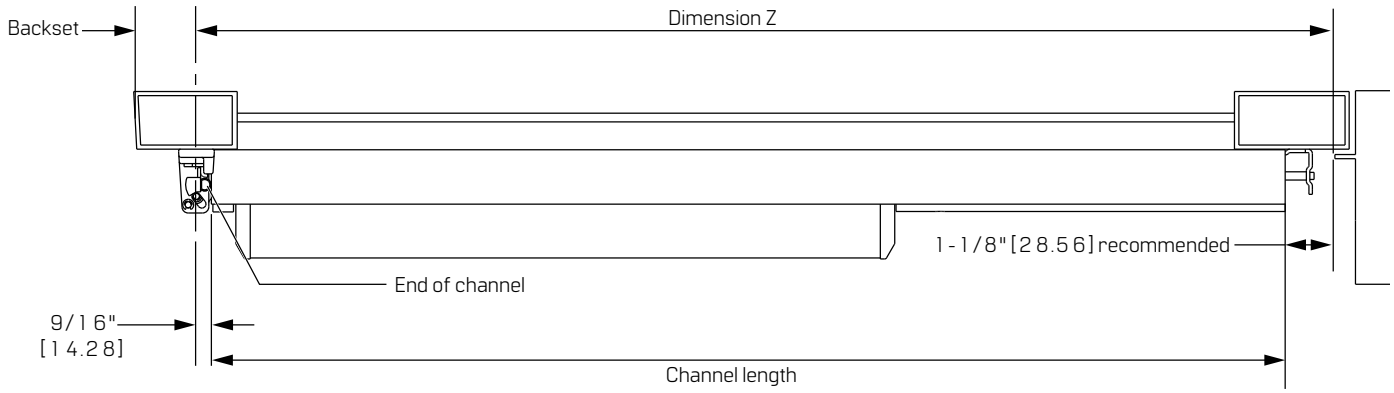


Figure 3 Channel dimensions

3.1.1 Determine proper channel length by subtracting 1-11/16" [42.86] from dimension Z.

3.1.2 Mark cut-off point.

NOTE: Hinge side filler must be all the way inside of channel.

3.1.3 Cut off channel and hinge side filler and deburr.

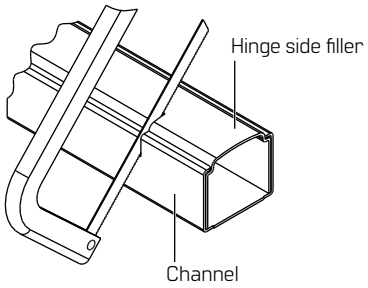


Figure 4 Cutting device

NOTICE

Protect inside of device from metal shavings.

NOTICE

If your device is equipped with ALK, CD, DE, or DS refer to instruction sheet listed below prior to cutting device.

ALK	Alarm kit	T93642
CD	Cylinder dogging	T93616
DE	Delayed egress	T93654
DS	Door position	T93668

3.2 Prepping door

Fig. 5, Fig. 6

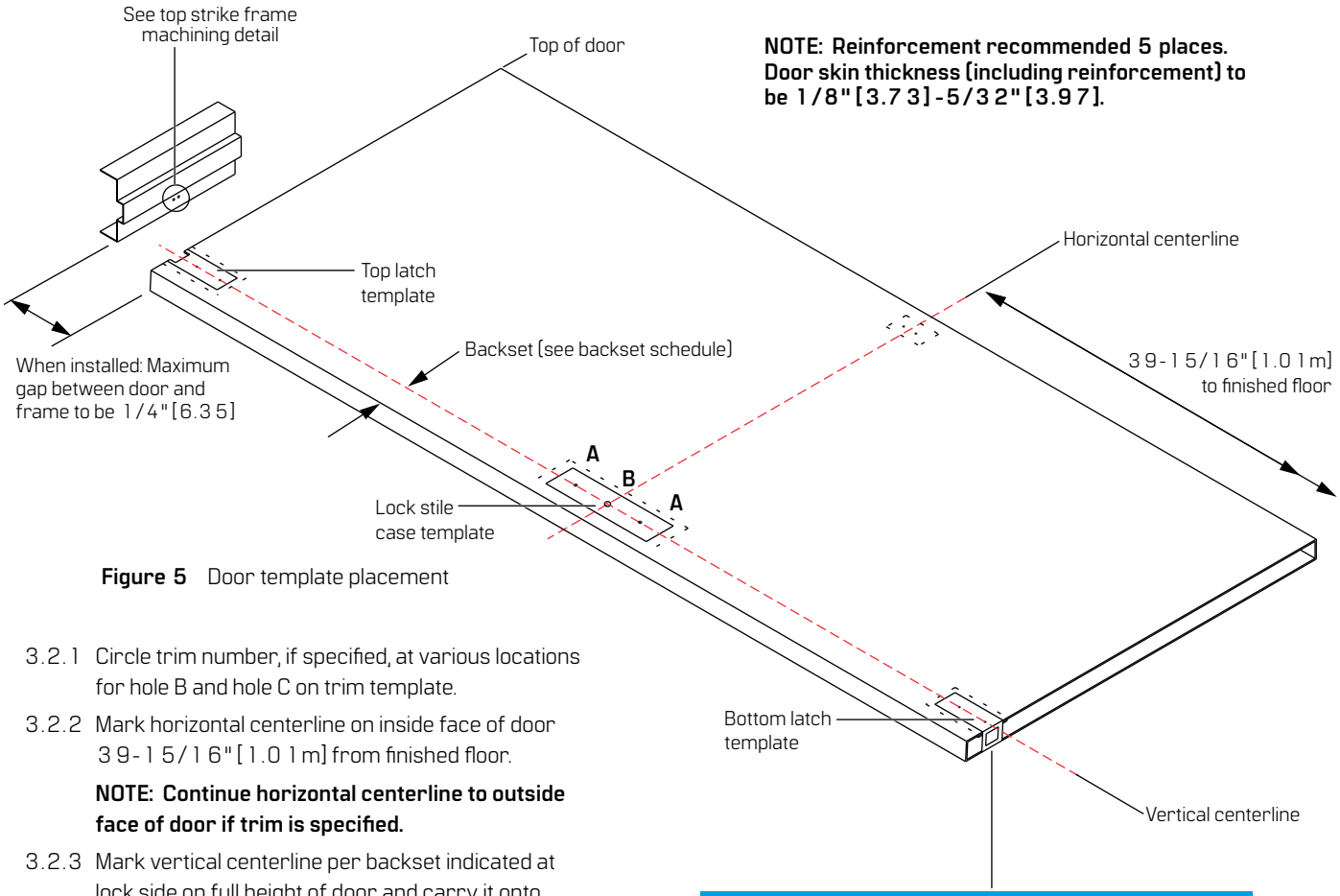


Figure 5 Door template placement

3.2.1 Circle trim number, if specified, at various locations for hole B and hole C on trim template.

3.2.2 Mark horizontal centerline on inside face of door 39-15/16"[1.01m] from finished floor.

NOTE: Continue horizontal centerline to outside face of door if trim is specified.

3.2.3 Mark vertical centerline per backset indicated at lock side on full height of door and carry it onto underside of door stop.

NOTE: If trim is specified, mark vertical centerline at lock side using backset dimension on outside face of door.

NOTE: Vertical centerlines on both sides of door should be same dimension from edge of door.

NOTICE

For LBR device, omit prep for bottom latch. For FL2600LBR devices, see fire bolt installation template T93638.

3.2.4 Tape lock stile case, top latch and bottom latch templates, and trim template if trim specified, to door so that centerlines on templates line up with centerlines on door.

3.2.5 Mark centers and drill required holes as indicated on templates.

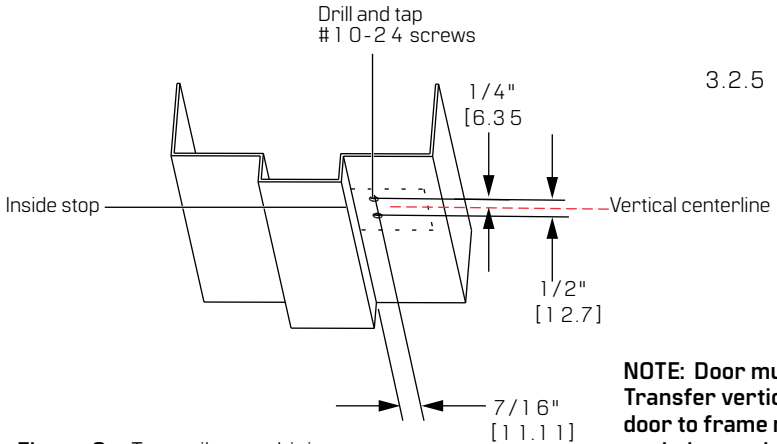


Figure 6 Top strike machining

NOTE: Door must be hung in opening. Transfer vertical centerline from door to frame rabbet and drill and tap holes as shown.

4 Installation instructions

4.1 Cylinder only installation

Fig. 7

4.1.1 Attach cylinder strap and sleeves to rim cylinder with two #12-24 machine screws.

4.1.2 Insert rim cylinder thru blocking ring and outside hole, as shown.

4.1.3 Position cylinder backplate on inside of door centered in hole in door and with cylinder tailpiece thru hole in backplate.

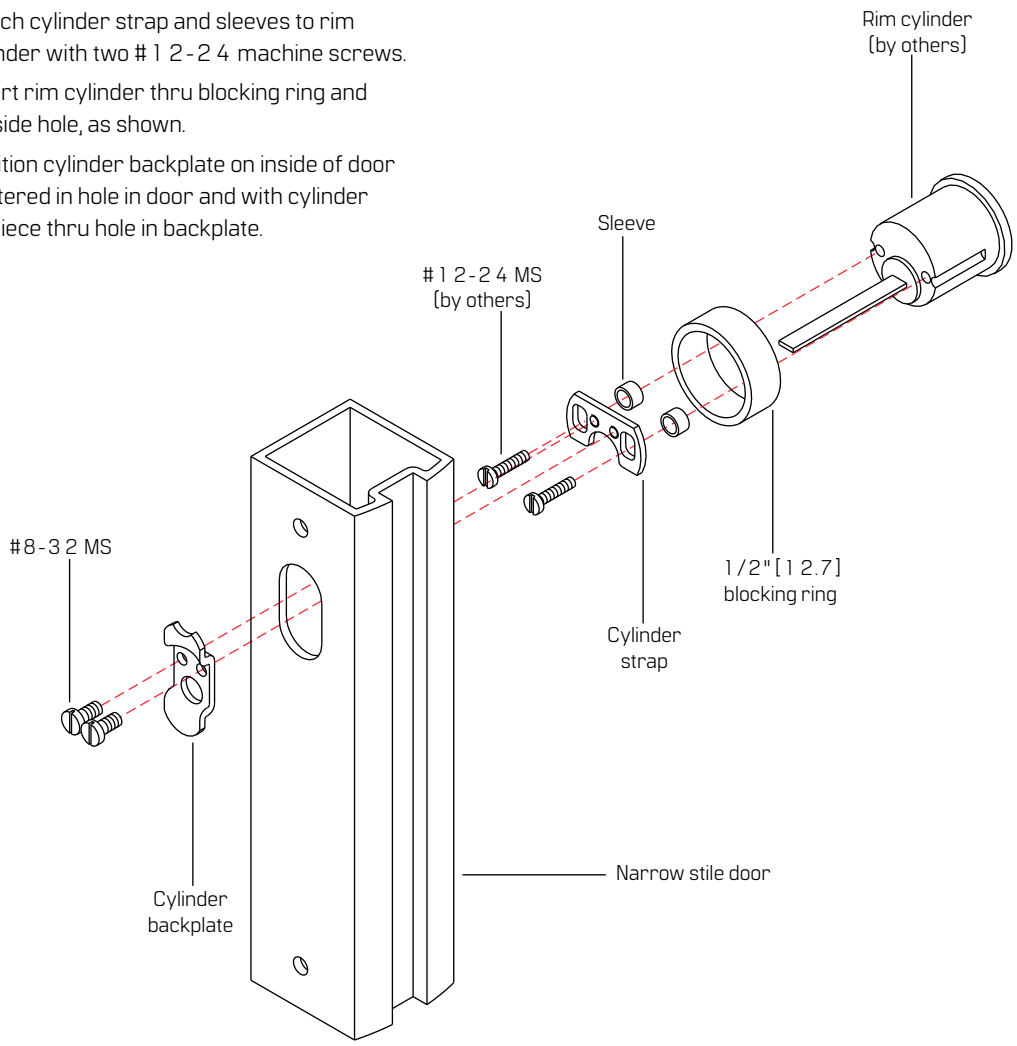


Figure 7 CVR assembly

4.1.4 Secure with two #8-32 machine screws provided.

4.1.5 Cylinder tailpiece should extend past inside face of door by 1/4"[6.35] to 5/16"[7.94].

4.2 Installing concealed vertical rod

Fig. 8, Fig. 9

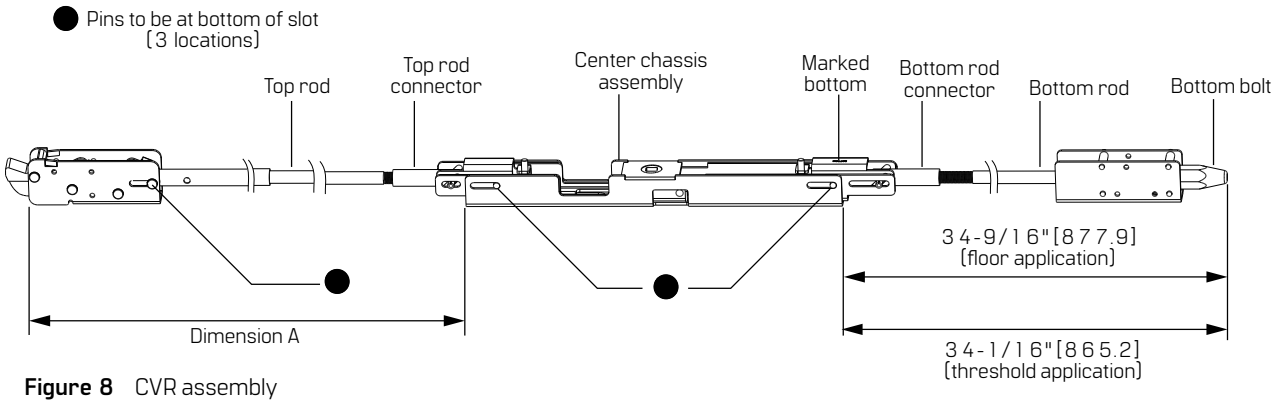


Figure 8 CVR assembly

4.2.1 Thread top rod onto top rod connector to dim. "A" as shown in table below.

Door height	Dim. "A"
7'-0"[2.13m]	37-11/16"[957.26]
8'-0"[2.44m]	49-11/16"[1.26m]
9'-0"[2.74m]	61-11/16"[1.57m]
10'-0"[3.05m]	73-11/16"[1.86m]

NOTE: For door heights not shown, add or subtract from dim. "A" shown.

NOTE: All dimensions are based on horizontal centerline of device being mounted 39-15/16" [1.01m] from finished floor. Adjust dimensions shown when device is not mounted at that height.

4.2.2 Thread bottom rod onto bottom rod connector to the required dimension.

NOTE: Bottom bolt must be fully extended.

4.2.3 Insert concealed vertical rod (CVR) assembly into door through hole in top edge of door.

4.2.4 Attach center chassis to door with two screws through "E" holes.

4.2.5 Attach each latch to door with two screws and finishing washers.

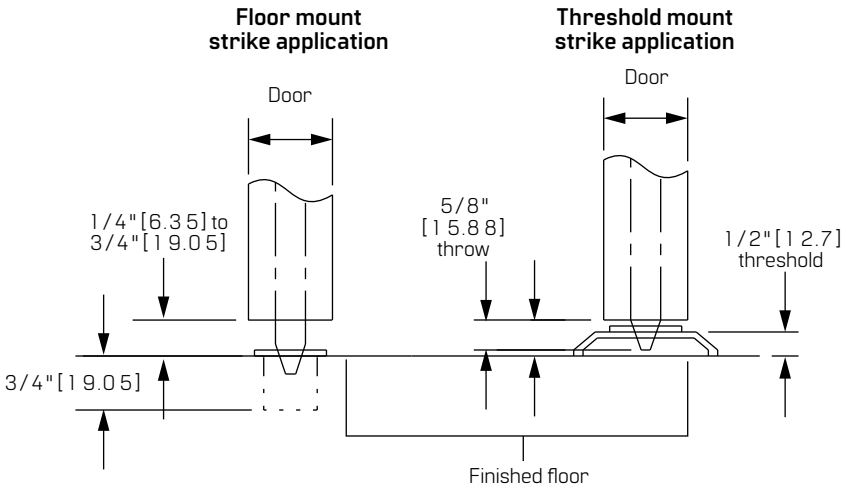


Figure 9 Bottom bolt application

4.3 Installing device

Fig. 10, Fig. 11, Fig. 12

NOTE: If trim is specified, see trim installation instructions packaged with the trim. If exit device has electrical or other options, see specific option instructions packaged in exit device carton.

4.3.1 Lock stile case mounting:

- **Device with trim:** See trim instructions.
- **Cylinder only:** See section 4.1.

4.3.2 Insert spindle in cam and attach lock stile case to door with two screws.

4.3.3 Insert mounting bracket into touch bar assembly tight against channel.

4.3.4 Level device, mark and drill two holes for #10 sheet metal screws or #10-24 machine screws.

4.3.5 Fasten mounting bracket to door and attach endcap with two flat head screws.

4.3.6 Attach top strike to frame using two screws.

NOTE: If there is an excessive clearance between door and frame, apply strike shim.

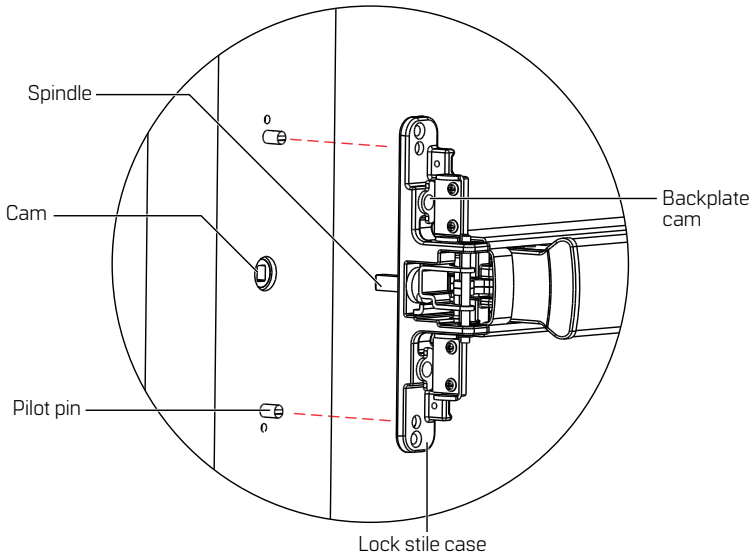


Figure 10 Device placement

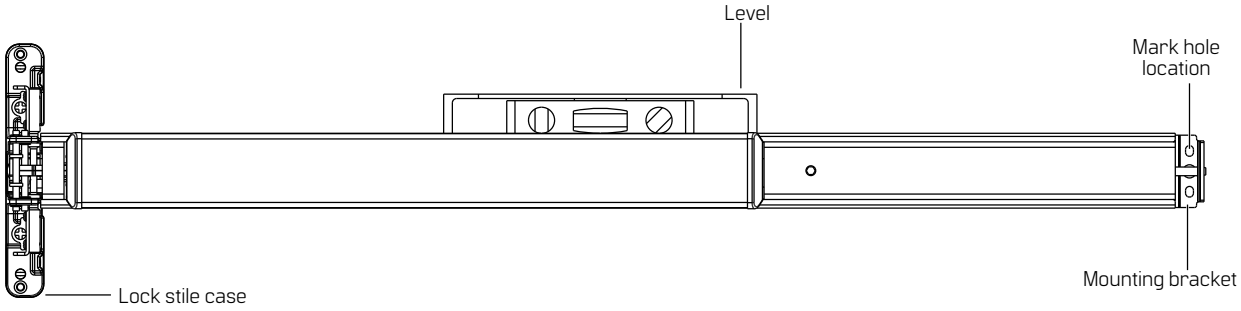


Figure 11 Mounting device

4.3.7 Apply bottom strike:

- **For floor application:** Center strike around bolt. Mark floor for fasteners. Prepare floor for type of fastener furnished. Provide clearance in floor for bolt.
- **For threshold application:** Center strike around bolt. Provide hole in threshold to accept bolt. Mark threshold for fasteners. Prepare threshold according to type of fasteners provided.

4.3.8 Attach cover to lock stile case with two screws.

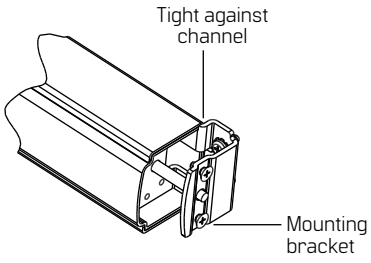


Figure 12 Mounting bracket

4.4 Adjusting deadlock/holdback

Fig. 1 3

Deadlock

When latchbolt is fully extended, it should be in deadlock. Deadlocking does not allow latchbolt to be pushed down.

4.4.1 Rotate top latcbolt to extend fully.

4.4.2 If not deadlocked, turn top adjusting screw counter clockwise one half turn and repeat if necessary.

Holdback

Top latch should be in holldback when touchbar is depressed and door is open. If not in holdback, latchbolt cannot be extended without rotating latchbolt. Be sure bottom bolt clears bottom strike.

4.4.1 Turn top adjusting screws clockwise one half turn and repeat if necessary.

HOW TO ADJUST BOTTOM BOLT

4.4.3 Depress touch bar.

NOTE: Device must be in holdback to gain access to adjusting screw.

4.4.4 To increase clearance between bottom bolt and strike, turn bottom adjusting screw clockwise.

4.4.5 To decrease clearance between bottom bolt and strike, turn bottom adjusting screw counter clockwise.

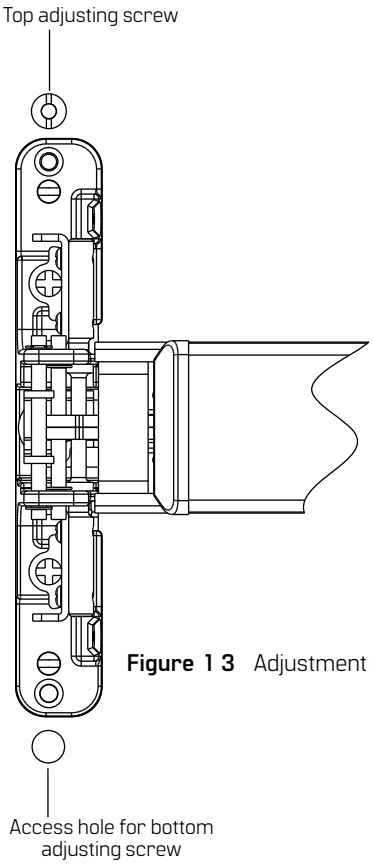


Figure 1 3 Adjustment screws

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for assistance and warranty information.

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