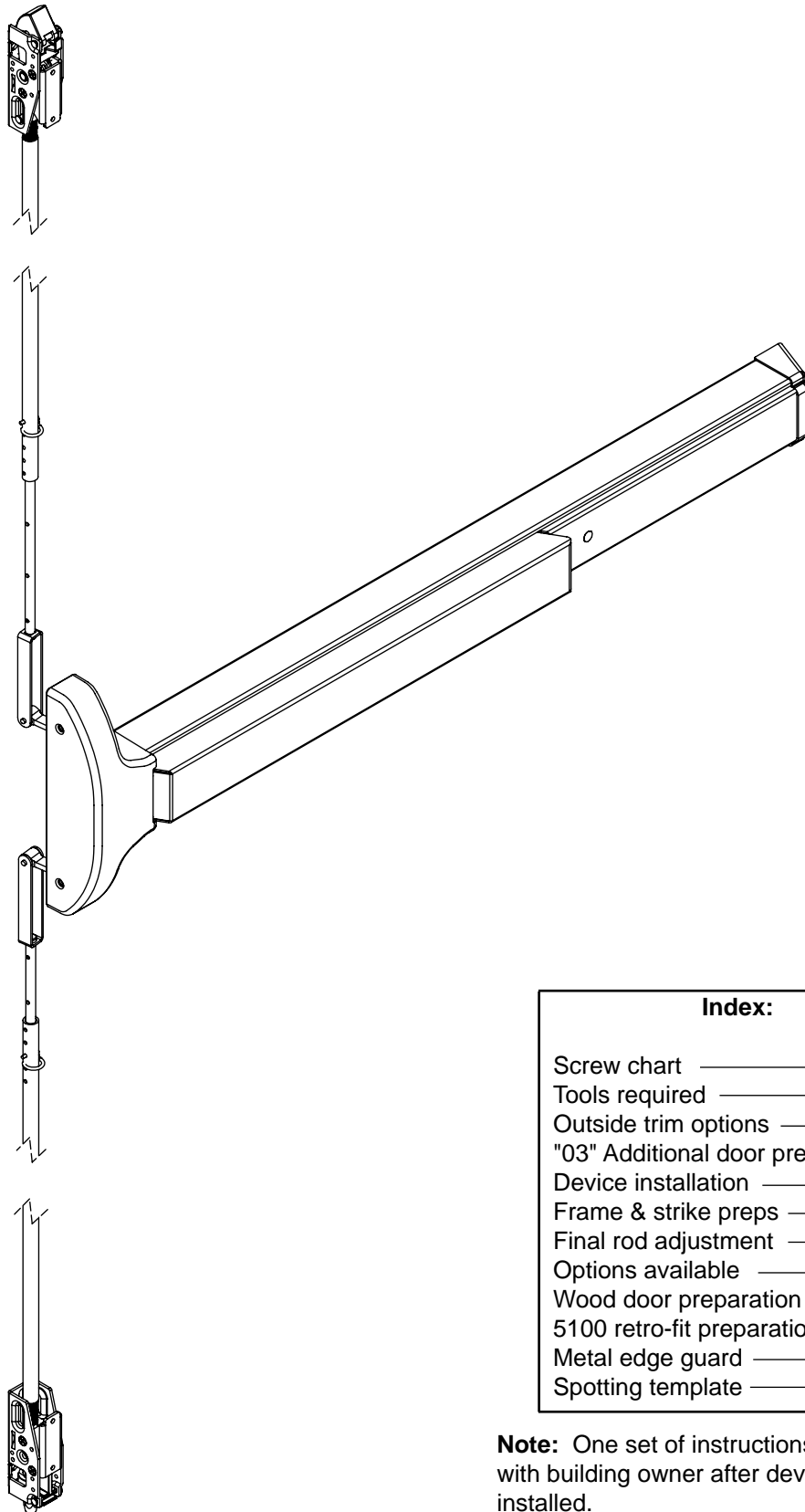




9600/F9600 SERIES CONCEALED VERTICAL ROD EXIT DEVICE

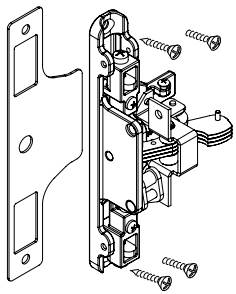


Index:

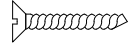
Screw chart	1
Tools required	2
Outside trim options	3
"03" Additional door prep	4
Device installation	5-10
Frame & strike preps	11-12
Final rod adjustment	13
Options available	14-16
Wood door preparation	17
5100 retro-fit preparation	18
Metal edge guard	19
Spotting template	20

Note: One set of instructions should be left with building owner after device has been installed.

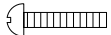
SCREW CHART



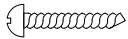
(2) 12-24 x 1 1/2" F.H.P.M.S. (Metal or thru bolts) _____ Chassis mounting



(2) #12 x 1 1/4" F.H.P.T.S. (Wood door) _____ Chassis mounting

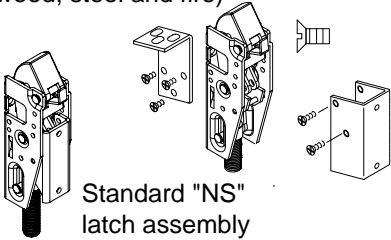


(2) 12-24 x 1" R.H.P.M.S. (Metal or thru Bolts) _____ End cap bracket



(2) #12 x 1 1/4" R.H.P.T.S. (Wood door) _____ End cap bracket

Optional "WD" mounting brackets (4)
(wood, steel and fire)



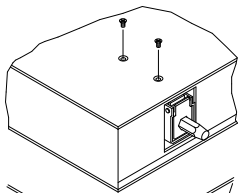
Standard "NS"
latch assembly



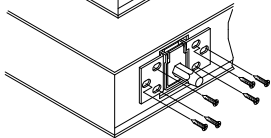
(12) 8-32 x 1/4" F.H.P.M.S. _____ Bracket to latch

Optional: "ALD" Mounting Bracket (2)
(Medium Stile Aluminum Doors)

(4) 10-32 x 1/4" F.H.P.M.S. (Aluminum) _____ Bracket to door



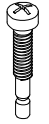
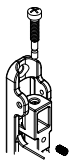
(4) 10-32 x 1/4" F.H.P.M.S. (Aluminum) _____ Bracket to door



(12) #10 x 1" F.H.P.T.S. (Wood door) _____ Bracket to door



(12) 10-32 x 3/8" F.H.P.M.S. (Metal door) _____ Bracket to door



_____ Adjusting screw

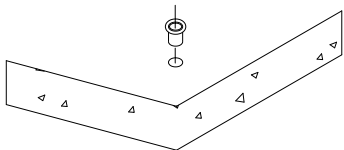
(2) 3/32 x 10-32 x 1/2" Allen Head (wrench supplied) _____ Locking screw



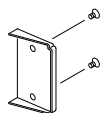
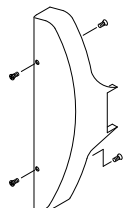
(2) Rod retaining clips _____ Rod installation



(2) 10-32 x 3/8" F.H.P.M.S. _____ #418 Strike pack

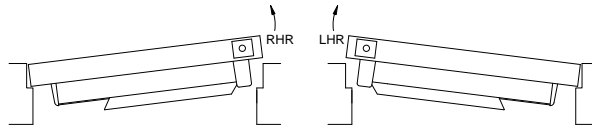
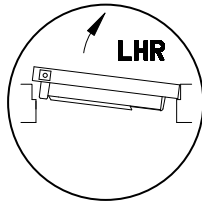
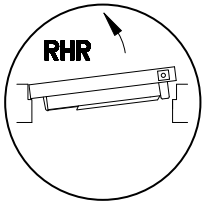


#439 Bottom strike
(cement or grout
in place)



(6) 8-32 x 1/4" F.H.P.M.S. _____ Chassis cover
& end cap

HANDING OF DOOR



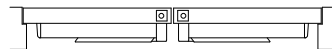
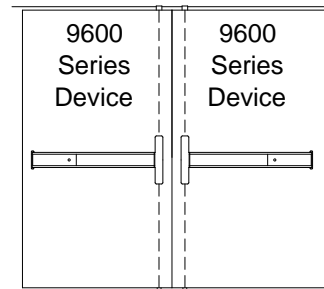
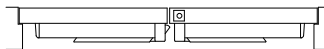
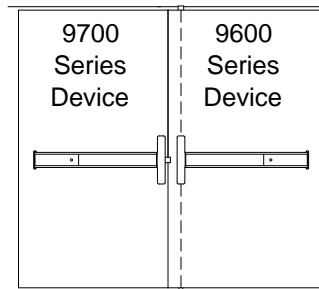
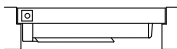
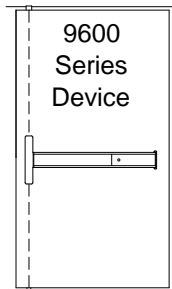
Read the entire instruction sheet prior to installation.
Before Installing Hardware:

1. Verify door width, handing and product with carton label for correct exit device and length. (See Step 9)
2. For hand reversal of chassis see page 6, for outside lever trim see page (3).
3. For less bottom rod device, delete bottom latch installation steps.
4. Device installation and preliminary adjustments should be made prior to hanging door.

Note: Less bottom rod device is not recommended where security is a primary concern.

Note: If device is to be installed over glass lite panels, shim kit may be required, order GK9200.

TYPICAL APPLICATIONS



SPECIAL TOOLS FOR INSTALLATION

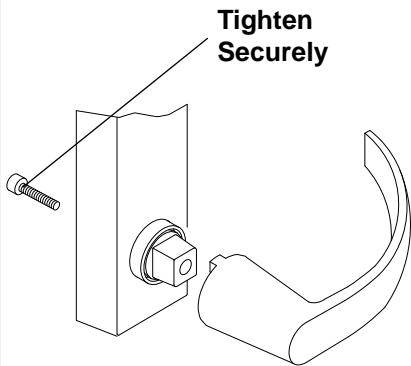
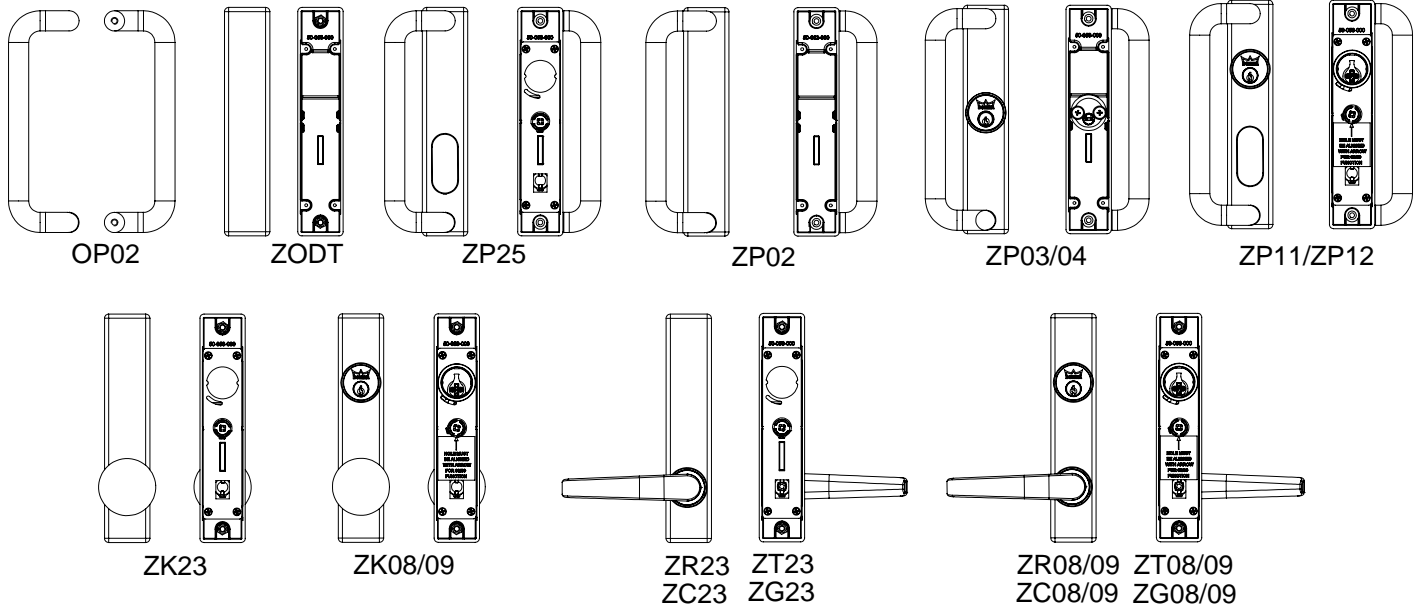
12-24 Tap, 10-32 Tap
Drill bits: 1/8", 3/8", #25, #16, #21
Hole saw 1 1/4" diameter for trim (if required) or jig saw.
5/32" Allen wrench for lever trim.
3/32" Allen wrench (supplied)

TYPICAL OUTSIDE TRIM INSTRUCTIONS

Note: When used with narrow stiles, consult door manufacturer for compatibility.



LHRB TRIM SHOWN RHRB OPPOSITE

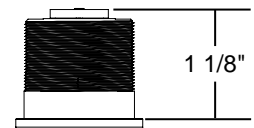
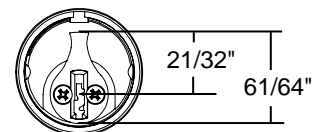


All trims are free wheeling.
(Handle will rotate when locked.)

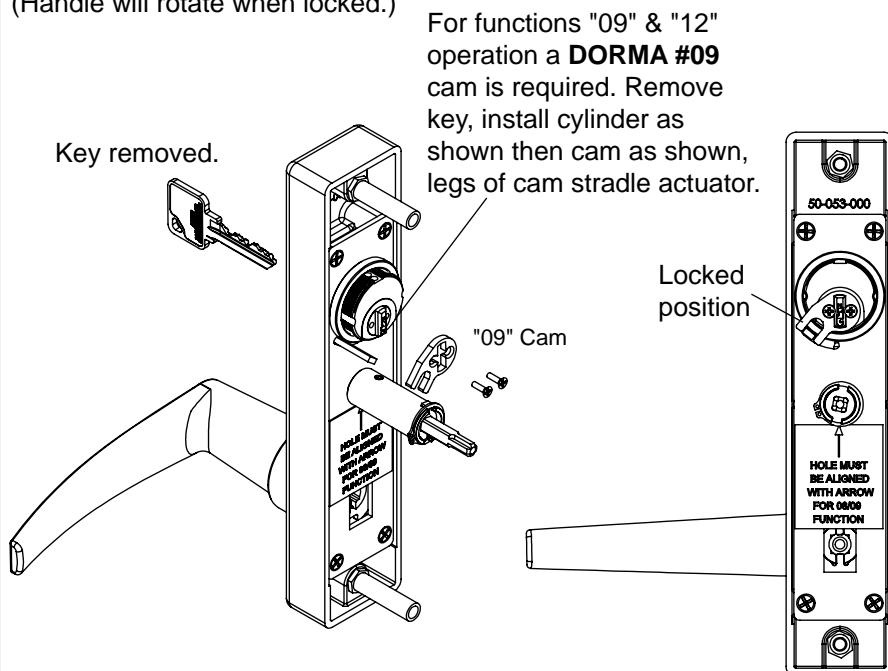
IMPORTANT

Note: All lever handles except for "clutch" are shipped unattached. To install; **Place handle in desired position and attach with allen screw located in back of trim plate. 5/32"** Allen wrench required.
To change hand on "clutch" trim rotate and "break" lever around to desired hand.

Conventional 1 1/8" rim cylinder #80R20SC with tail piece, keyed differently to a random combination supplied with functions "03" & "04" trim unless otherwise noted.



Conventional 1 1/8" mortise cylinder #90X13SC118 supplied with DORMA #13 cam, keyed differently to a random combination supplied with functions "08" & "11" trim unless otherwise noted.



ADDITIONAL DOOR PREP REQUIREMENTS

9600/F9600

Concealed Vertical Rod Exit Device

RHR Shown

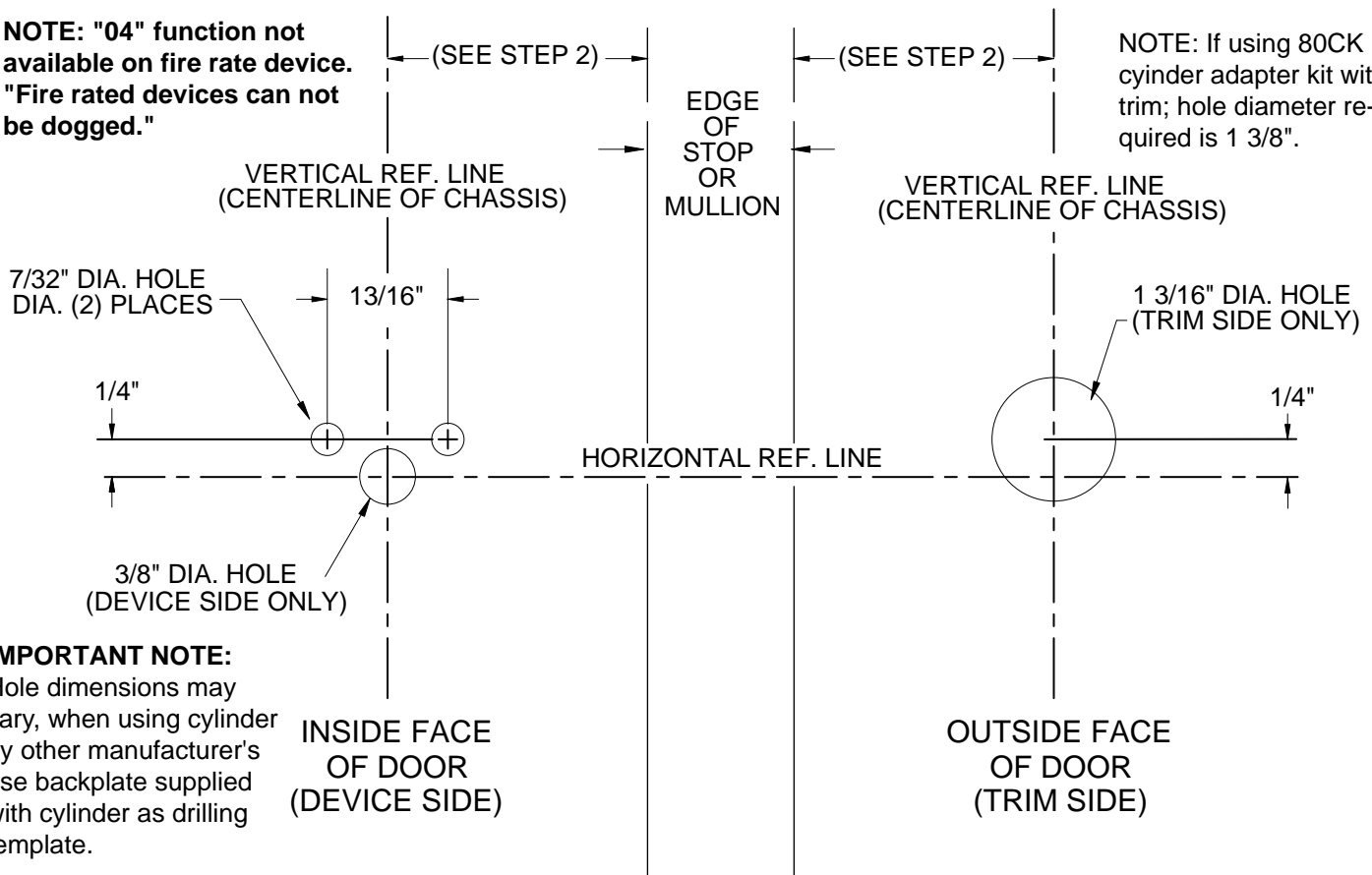
LHR Opposite

Required for "03" & "04" function on device
with cylinder only and no trim.

(NOT TO SCALE)

NOTE: "04" function not available on fire rate device. "Fire rated devices can not be dogged."

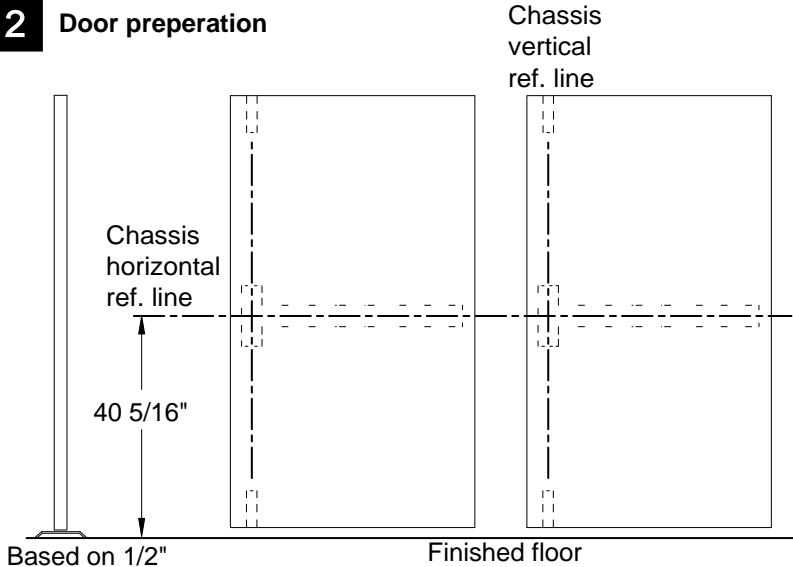
NOTE: If using 80CK cylinder adapter kit with trim; hole diameter required is 1 3/8".



1 With door lying on saw horses, open box, layout all parts and verify prior to starting installation. See page (1) one for parts.

Note: If this is a retro-fit from current 5100 see page 18 prior to proceeding.

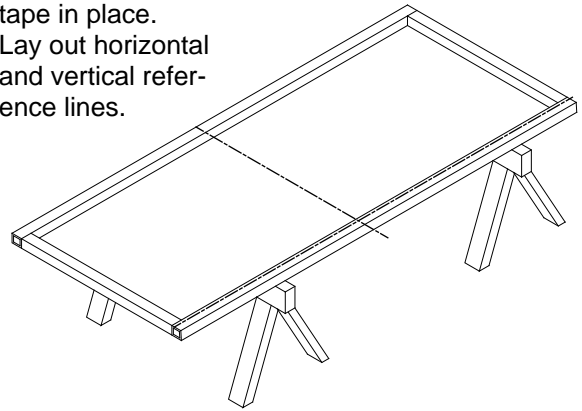
2 Door preparation



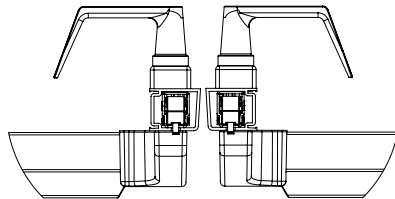
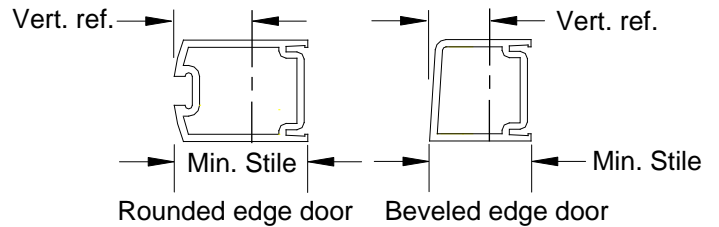
Based on 1/2" threshold and 3/16" clearance between threshold and door after door is hung.

Finished floor

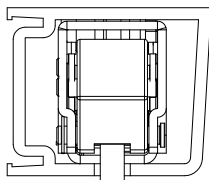
Chassis template located at rear of booklet. Cut and tape in place. Lay out horizontal and vertical reference lines.



Backset or vertical reference is measured from outer edge of door as shown. Minimum stile is less glass stop.



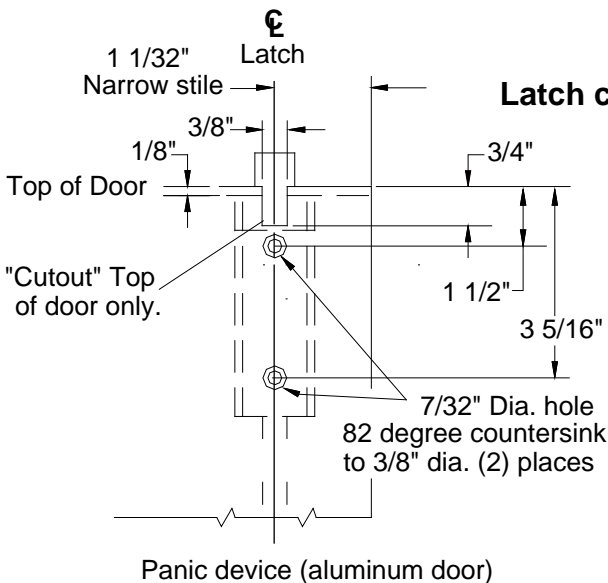
Typical pair of doors



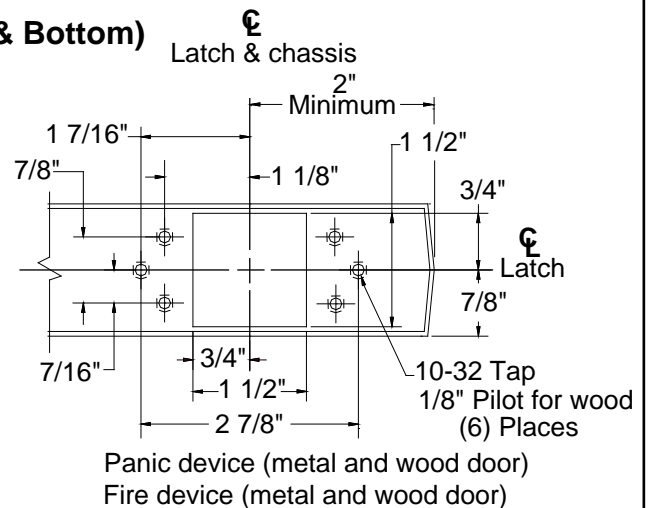
Note: On narrow stile, vertical center line of chassis may not be on same center line as latch.

Type of installation	Minimum vertical ref. of chassis	Minimum Stile	
		Pull only	"Z" trim
Single door 1/2" blade stop	1 1/4"	2 1/16"	2 5/16"
Pairs and double egress	1 1/4"	2"	2 1/8"
Fire rated & wood door	2"	2 5/8"	2 7/8"

Note: Metal edge may be required on fire door applications.



Panic device (aluminum door)

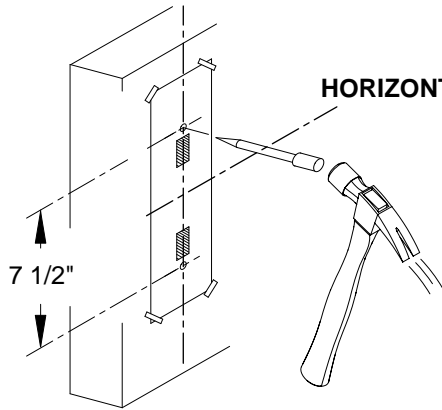


Panic device (metal and wood door)
Fire device (metal and wood door)

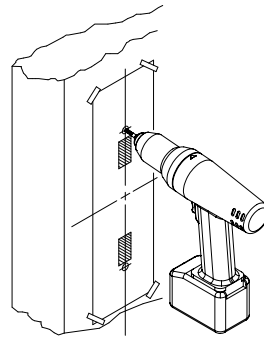
3 If not done layout device on door using drilling template T9600 located at rear of booklet.
For additional templates contact DORMA at 1-800-523-8483 or www.dorma-usa.com

Refer to carton label for model and trim number prior to drilling.
Prepare mounting holes and cut-outs per template.

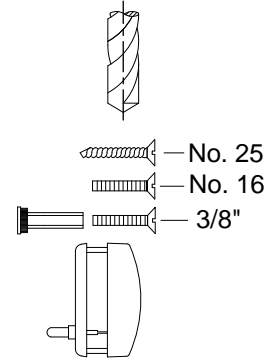
VERTICAL REF. LINE
(See Backsets on page 5.)



HORIZONTAL REF. LINE

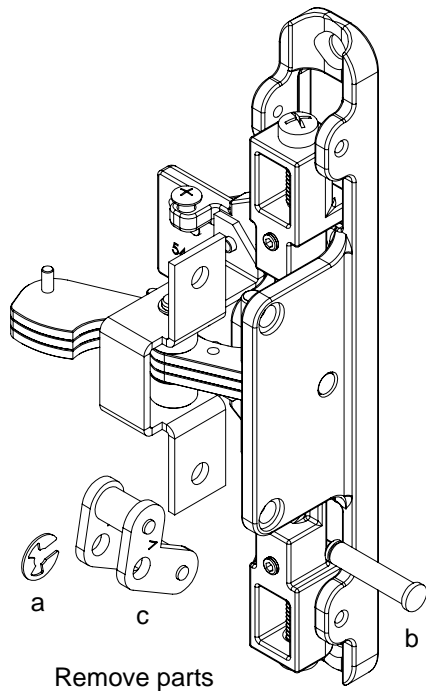


Verify all holes
prior to drilling.

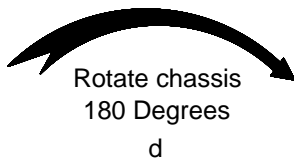
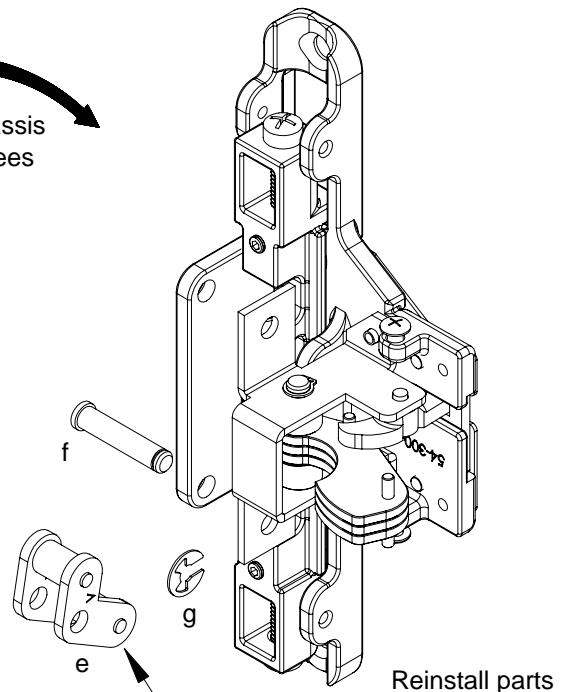


4 Hand reversal of chassis. Follow steps in alphabetical sequence.

DISASSEMBLE
RHR
(Right Hand Reverse)



REASSEMBLE
LHR
(Left Hand Reverse)



NOTE:
Longer leg
down.

5 Assemble rods, latches and adjust to preliminary length.

Standard (NS) Narrow stile aluminum door mounting bracket (installed at factory).

Adjusting bolt

Outer rod

Thread on 5/8"

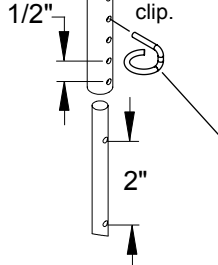
Top latch & rod assembly.

Optional: "ALD" bracket

Optional: "WD" "L" shaped mounting brackets for steel and wood door applications and all fire doors.

NOTE: requires a new top fire latch assembly as well. Secure to latch using (6) 8-32 x 1/4" F.H.P.M.S.

Top latch assembly



Insert pin through proper holes, flip over and lock in place.

4th hole for top rod on 7' door opening.*

Inner rod assembly

Inner rod assembly

2nd hole * from link on 7' door opening.

4th hole for top rod on 7' door opening.*

Top and bottom rods and latches are shipped unassembled and are adjustable for door opening heights ranging from 6' 8" to 8' 0" and will fit up to a 10' 0" door opening with the addition of a 2 foot top rod extension (ETR). Follow instructions on page to assemble the latch and rod assemblies.

"Standard" (NS) Narrow stile brackets are pre-assembled in the top and bottom latch cases.

Optional: Angle brackets are available for steel and wood door application, and are **"required" for all fire rated applications**, install as shown with proper fasteners.

Holes in outer rod are at 1/2" intervals and holes in inner rod are at 2" intervals for door openings under or over 7' (**instructions are for 7' door opening and standard mounting height**). **For all other door sizes, see rod adjustment chart.**

Slide inner rod assemblies into outer rods, locate proper holes and insert rod retainer clip by; inserting through both rods, rotating it and locking it in place as shown.

For "LBR" less bottom rod device skip bottom rod and latch assembly instructions.

Additional "Popper" required for "LBR" fire rated openings. See details to left.

Middle hole for bottom outer rod on 7' door opening.*

Insert pin through proper holes, flip over and lock in place.

"Use 4th hole using pullman latch".

Outer rod

Bottom latch & rod assembly.

Thread on leave approx. 1/8" of thread showing.

Required for; "LBR" (less bottom rod) fire rated exit devices.

See additional instructions packaged with "Popper" for details.

Cap plug

"POPPER"

12"

Finished floor

Optional: "ALD" bracket

Optional: Pullman latch.

Thread on leave approx. 1/2" of thread showing with pullman latch.

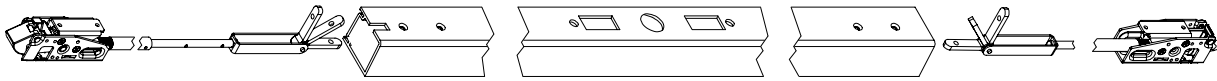
Optional: "WD" "L" shaped mounting brackets for steel and wood door applications and all fire doors.

NOTE: requires a new bottom fire latch assembly as well. Secure to latch using (6) 8-32 x 1/4" F.H.P.M.S.

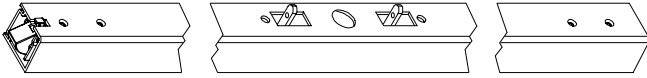
6 Install rods in door and chassis as shown.

**Fire Rated Devices Require
(2) "WD" "L" Shaped Brackets.**

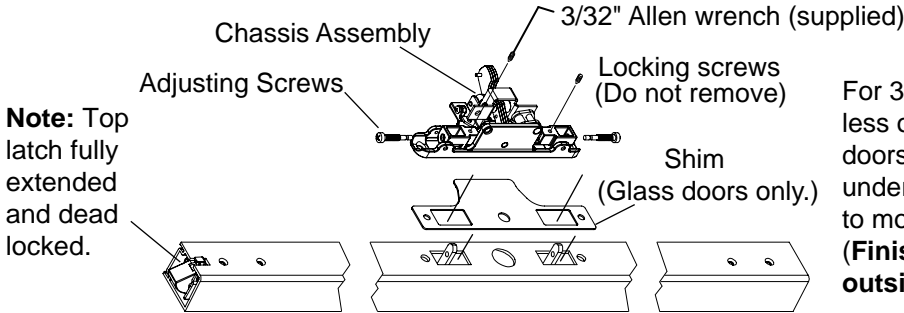
Pivot connecting links
down as shown and slide
latch assemblies into door.



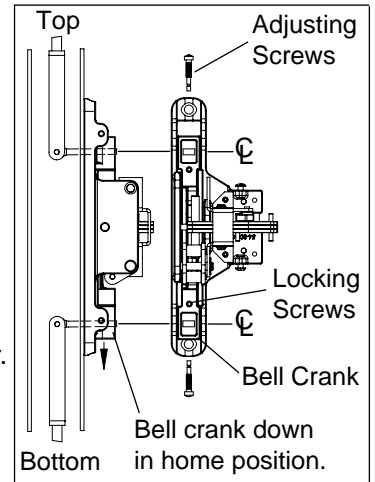
As linkages reach cut outs in door guide them through as shown;



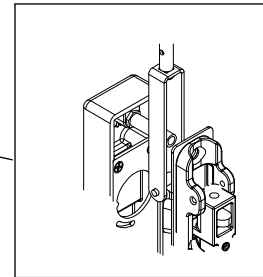
"Loosen only"; (2) two 3/32" Allen head locking screws using Allen wrench supplied, remove two adjusting screws shown.



For 3 1/2" stiles or less on aluminum doors, place shim under chassis prior to mounting on door. **(Finished side to outside face.)**



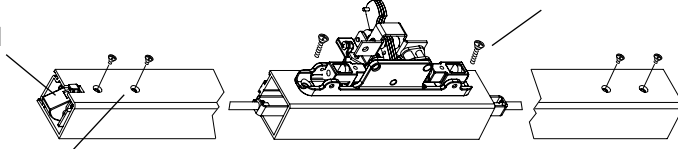
Place shim on door as shown (**polished side facing outside**) aligning holes and cut outs as required with holes and cut outs in door. Then place chassis on door allowing connecting links to extend through shim and into bellcrank of chassis as shown. **NOTE: Connecting link brackets should straddle mounting screws, shaft of thru-bolts, or stand-offs of trim as device is secured to door. See detail to right.**



7 Secure chassis and latches to door as shown.

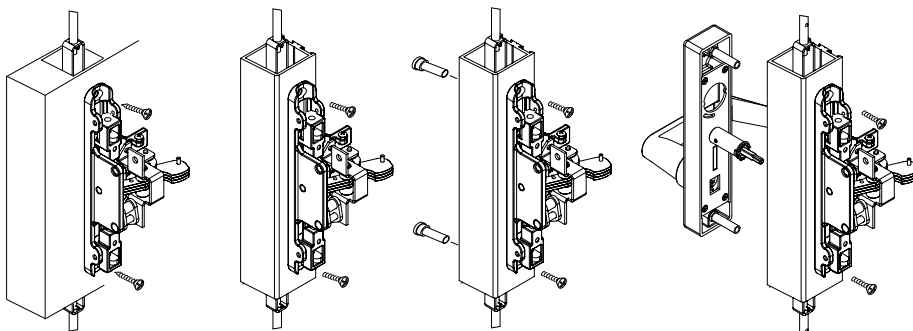
Note: Top latch fully extended and dead locked.

Metal - (2) 12-24 x 1 1/2" F.H.P.M.S.
Wood - (2) #12 x 1 1/4" F.H.P.T.S.
(For other options; trim, thru bolts, etc. see below.)

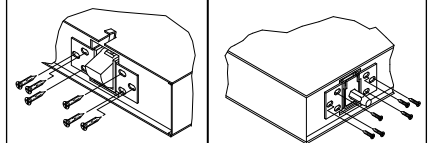


(4) 10-32 x 1/4" F.H.P.H.M.S.
(Do not use any other screw.)

Optional mounting



Optional: "WD"
(steel, wood & fire applications).



Attached "L" shaped mounting brackets to latch and install in door with proper fasteners as shown.

Steel - (6) 10-32 x 3/8" F.H.P.M.S.
Wood - (6) #10 x 1" F.H.P.T.S.

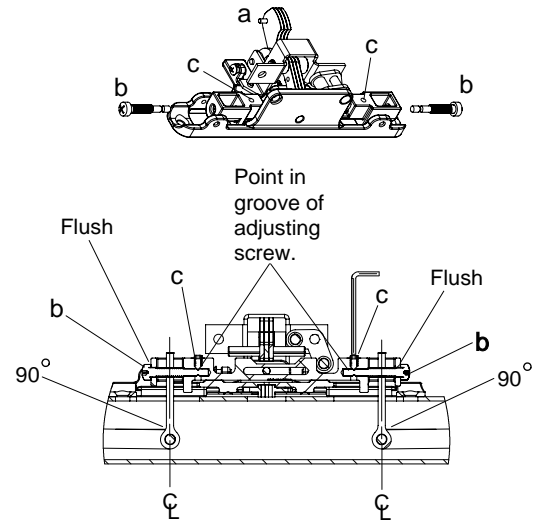
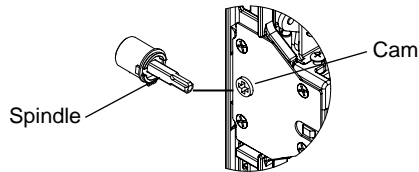
8 Install adjusting screws and connecting links to chassis.

Top latch bolt should be fully extended and dead locked. Bell crank should be in full down position (home position).

Connecting links should be about in center of cut out in bell crank. Install top and bottom adjusting screws (b) through both bell crank and connecting link arms; bottom of adjusting screw head should bottom out on bell crank.

Tighten Allen head locking screws with (supplied) 3/32" Allen wrench. Both top and bottom connecting links should be 90 degrees to chassis.

NOTE: If chassis is being installed with outside trim, ensure spindle of trim engages with cross hairs of cam located in rear of chassis.



9 Prepare to install touch bar and rail on door.

NOTE: All dimensions are based on 1/2" stop height; Verify strikes, stile width, any trim and stop height prior to making any cuts. If cutting is required follow instructions below.

Size AA:

Fits 48" door opening without cutting.
Can be cut to fit a 32 1/2" minimum door opening.

Size BB:

Fits 36" door opening without cutting.
Can be cut to fit a 26 1/2" minimum door opening.

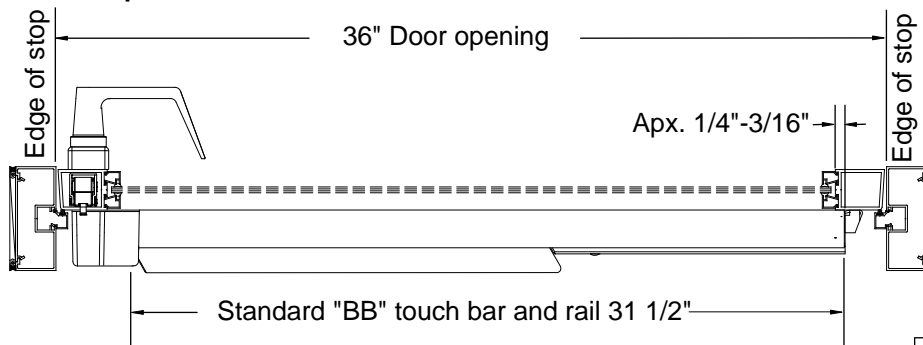
Size CC:

Fits 36" door opening with out cutting.
Using a shorter touch pad then the standard "BB" size allows it to be cut to 23 1/2" door opening.

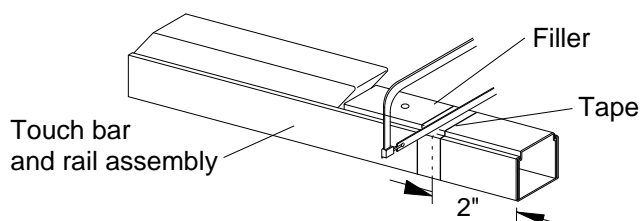
Note: Models with prefix options such as "ES", "DE" etc. may not be cut down to minimums shown to left. Consult factory or catalog for details.

Verify device length with box label; "AA", "BB" or "CC", ie. 9600BB

Example:



Note: If door opening width is less then standard touch bar will have to be cut down. ie: door opening width 34" subtract 2" from rear of touch bar and rail, tape and cut to length as shown.



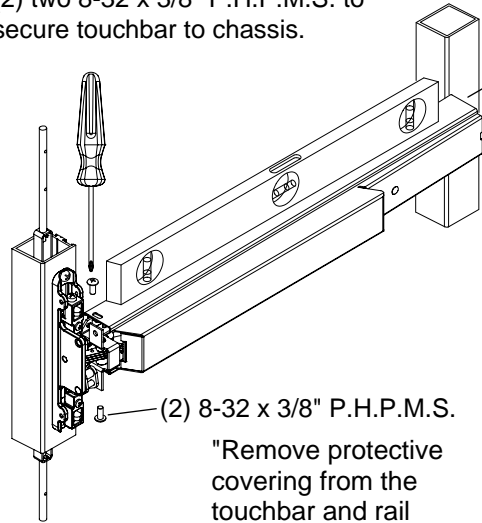
IMPORTANT

Use caution when cutting touchbar and rail to size on models with "ES", "MS", "LM" or "DWA" prefix options. These units contain internal wiring. For models with prefix options "BPA", "BPAR" or "DE" remove filler containing electronics before cutting.

10 Hang door in opening and ensure that it is square and plumb.

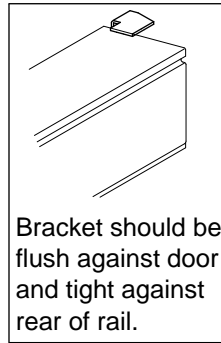
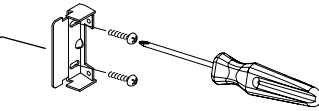
11 Install touch bar and rail assembly and end cap to door.

Remove two 8-32 screws from chassis, slide touch bar and rail assembly under rear of chassis. **Note: If device has prefix "ES" ensure that pins in lever bolt align with slots in actuator located inside nose of touch bar.** See instruction sheet IES-7 packed with device. Install (2) two 8-32 x 3/8" P.H.P.M.S. to secure touchbar to chassis.



(2) 8-32 x 3/8" P.H.P.M.S.
"Remove protective covering from the touchbar and rail assembly prior to installing on door."

Hold rear mounting bracket tightly against door and rear of rail. Mark (2) two holes and drill per chart. Secure with proper fasteners.



Bracket should be flush against door and tight against rear of rail.

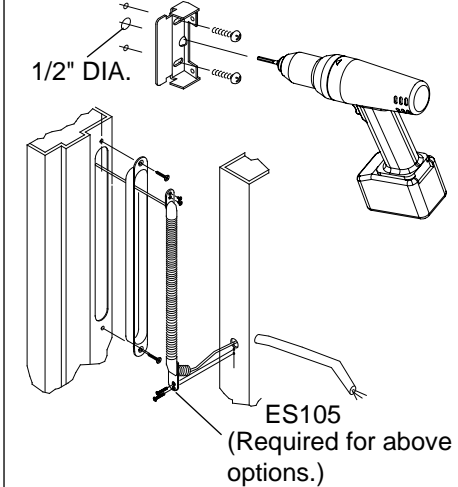
NOTE: If carton label list prefix; "ES", "MS", "LM", "BPA", "BPAR", "DWA", "LM/MS/BP" or "CD" prefix see Options pages at rear.



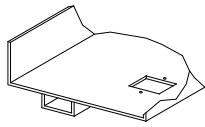
- 1/8" Drill 1" Deep (Wood)
- No. 16 Drill - 12-24 Tap (Metal)
- 3/8" Dia. (Thru bolts)

Metal/thru-bolts - (2) 12-24 x 1" F.H.P.M.S.
Wood - (2) #12 x 1 1/4" F.H.P.T.S.

For the following models prefixes: "ES", "MS", "LM" or "DWA" drill an additional 1/2" diameter hole as shown. See options pages at rear for additional information.



12 Install top strike in frame.



#418 Strike
(2) 10-32 x 3/8" F.H.P.M.S.

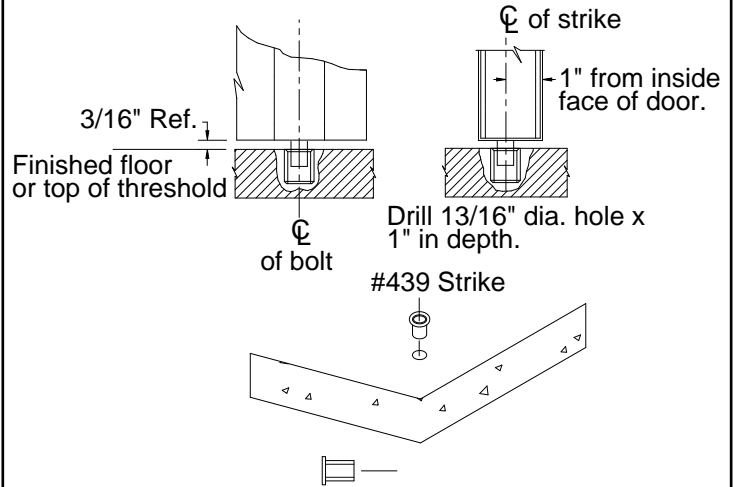
Optional: #419 Strike (wood jamb) See "Frame Preparation" on page 11 for cut out and holes.



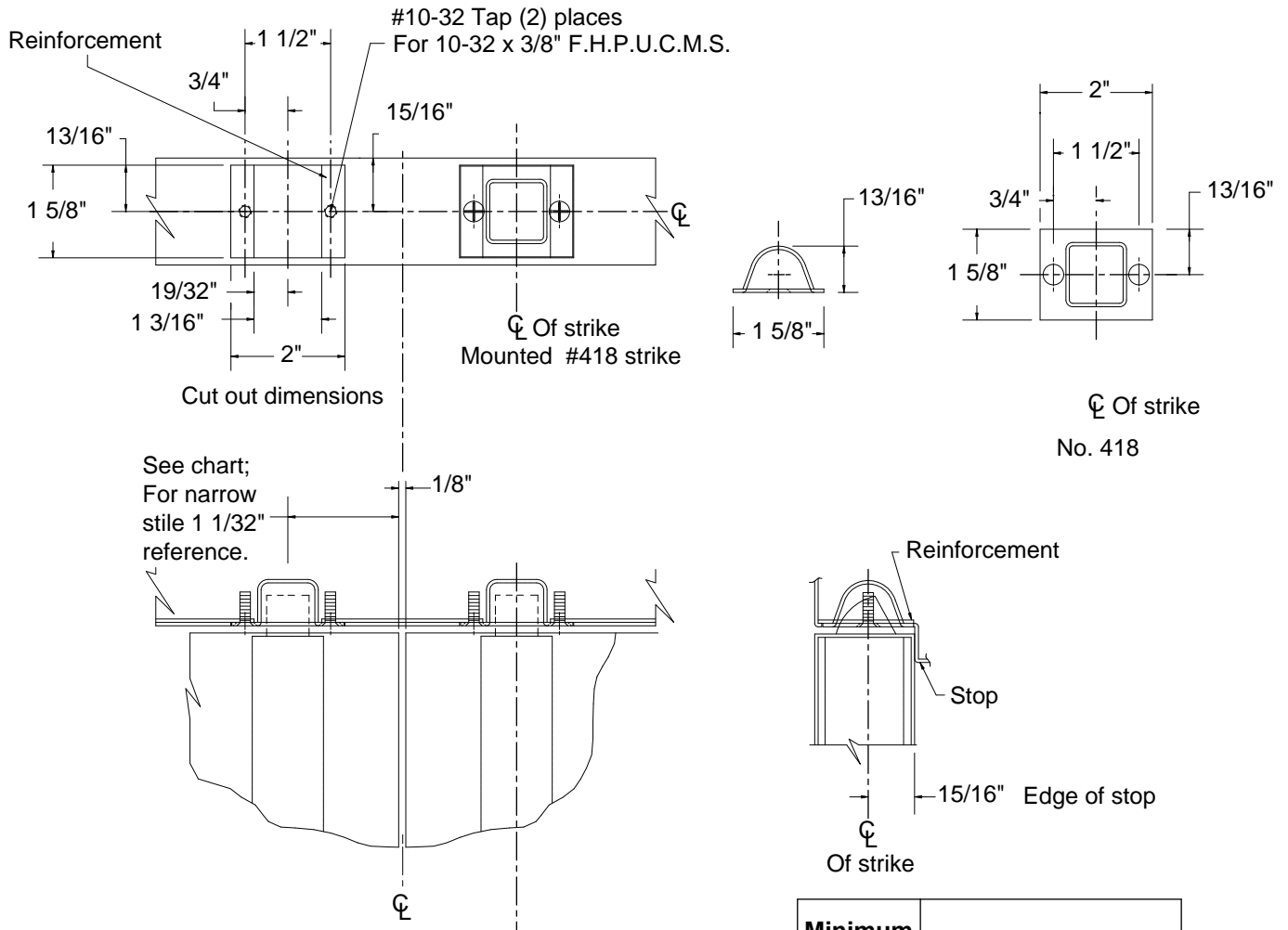
(2) #10 x 1" F.H.P.T.S.

13 Install bottom strike in floor or threshold.

See page 12 for additional mounting and optional strikes.



FRAME PREPARATION



Cut out dimensions

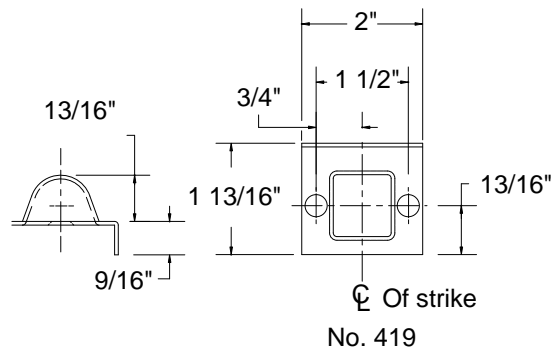
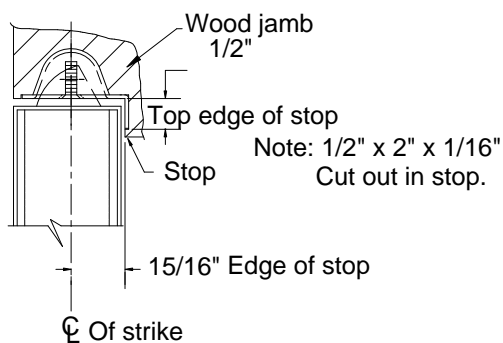
☉ Of strike
No. 418

Note: On 2" stile or less vertical center line of chassis is not on same center line as latch. Refer to page 5 details.

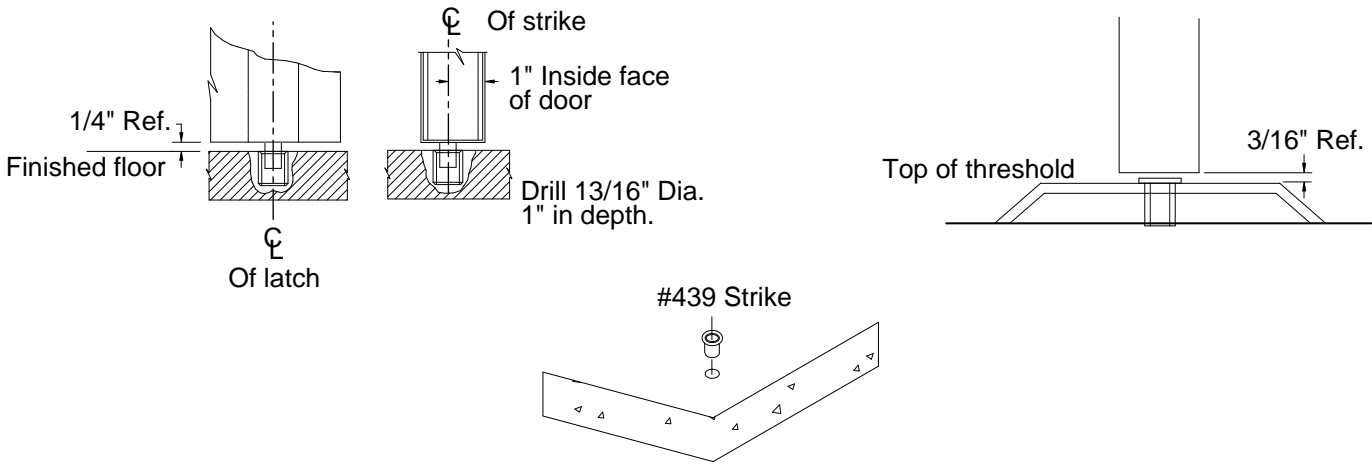
Type of installation	Minimum vertical ref. of chassis	Minimum Stile	
		Pull only	"Z" trim
Single door 1/2" blade stop	1 1/4"	2 1/16"	2 5/16"
Pairs and double egress	1 1/4"	2"	2 1/8"
Fire rated & wood door	2"	2 5/8"	2 7/8"

Note: Metal edge may be required on fire door applications.

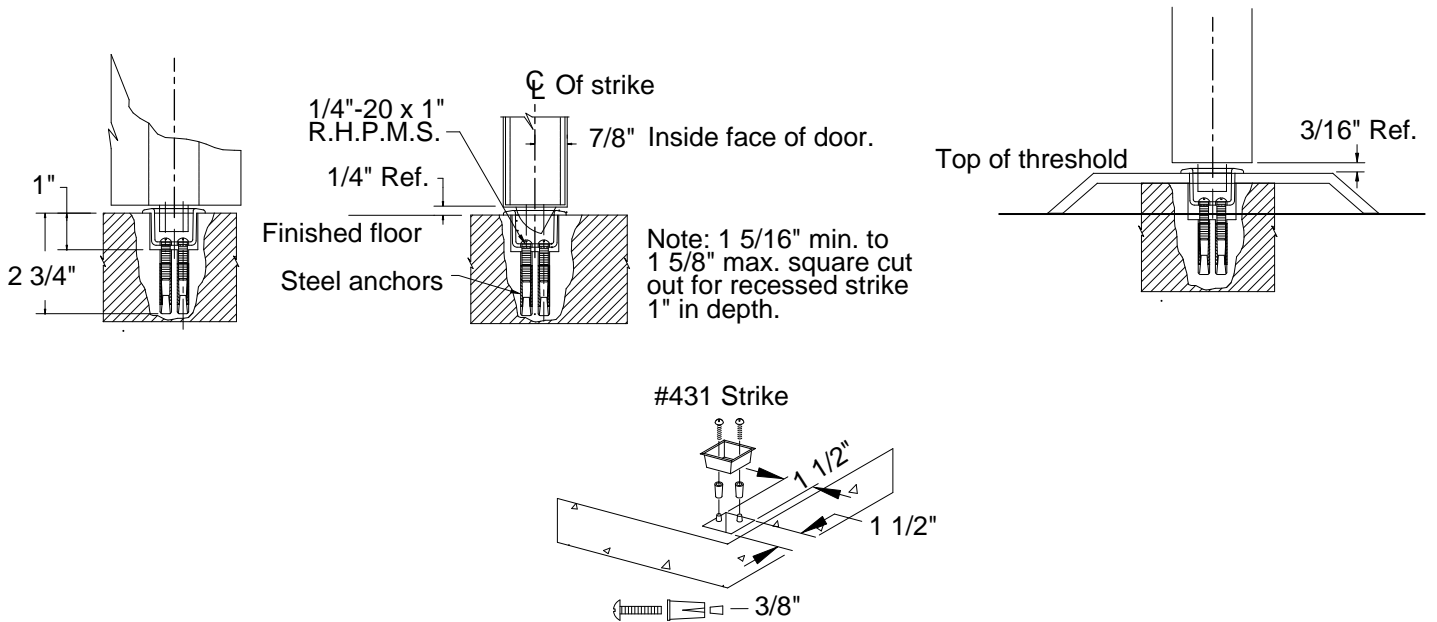
Optional prep for No. 419 top strike in wood frame



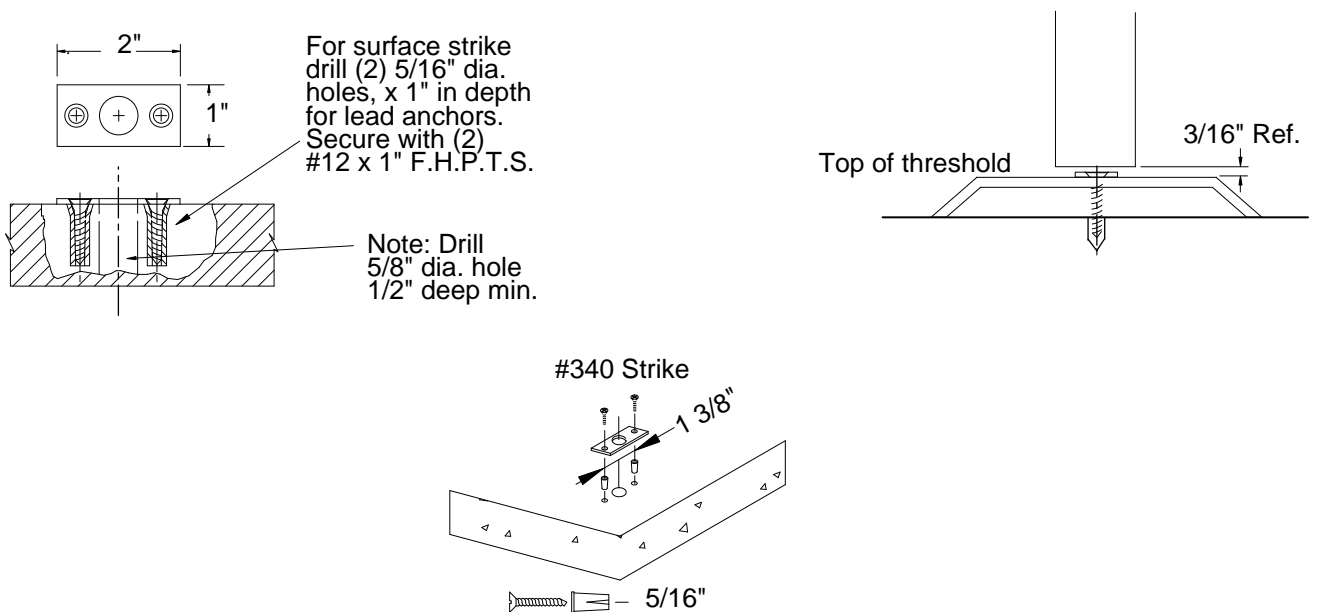
BOTTOM STRIKE PREPARATION



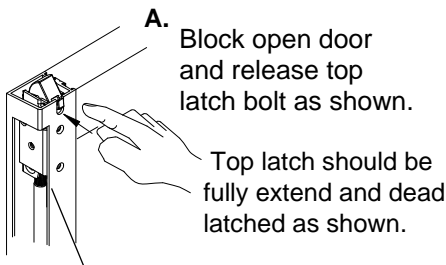
Optional pullman latch No. 431 strike installation



Optional slide bolt No. 340 strike installation



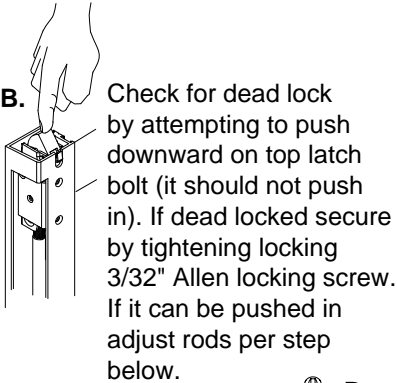
14 Adjustment of rods.



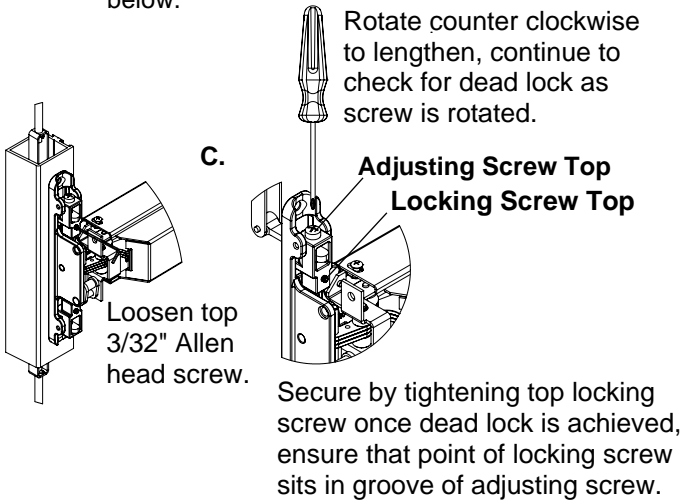
A. Block open door and release top latch bolt as shown.

Top latch should be fully extend and dead latched as shown.

Note: "Cutouts" shown for clarity, not required.



B. Check for dead lock by attempting to push downward on top latch bolt (it should not push in). If dead locked secure by tightening locking 3/32" Allen locking screw. If it can be pushed in adjust rods per step below.

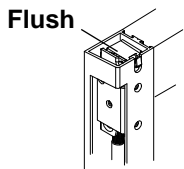


Rotate counter clockwise to lengthen, continue to check for dead lock as screw is rotated.

C. Adjusting Screw Top Locking Screw Top

Loosen top 3/32" Allen head screw.

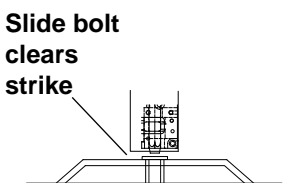
Secure by tightening top locking screw once dead lock is achieved, ensure that point of locking screw sits in groove of adjusting screw.



Flush

D. Depress and hold touch bar. Push in on tripping lever and check position of top latch bolt. It should be flush to slightly depressed in top latch bracket.

E. Release tripping lever and touch bar, top latch should remain in retracted position



Slide bolt clears strike

F. With top latch held retracted, adjust bottom rod so slide bolt is flush across bottom of latch bracket and clears threshold, floor and strike. Ensure bottom adjusting screw is flush up against bottom of bell-crank. Held in position by locking screw. Use bottom adjusting screw; follow same steps as above for adjusting top latch bolt. Secure 3/32" Allen screw.

G. Standing on inside, close door and check that top and bottom latch bolts align and engage in top and bottom strikes.

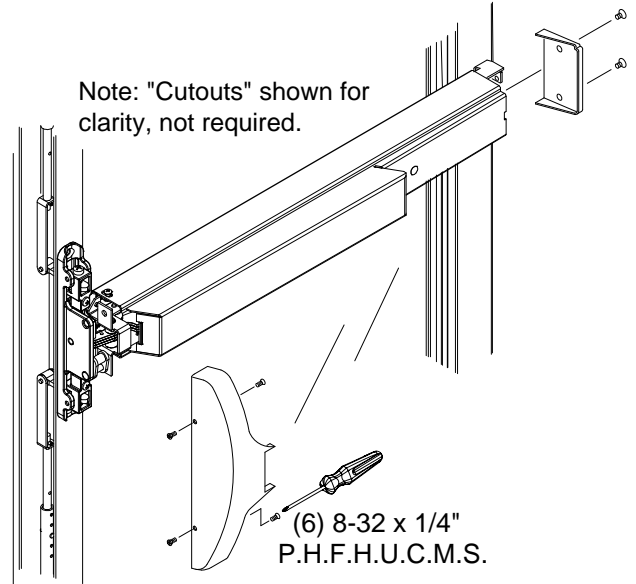
H. After rods are fully adjusted ensure that top and bottom locking screws are tight.

I. Check device operation by opening and closing door several times from **inside**. Check and operate outside trim if installed.

Repeat adjustment procedure if:

Top latch is not held retracted
Bottom slide bolt does not clear strike or floor.
Latches do not work properly with outside trim

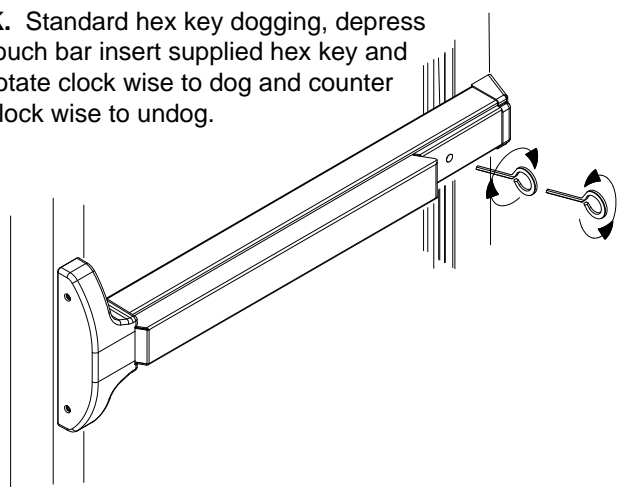
J. Install end cap and center case covers.



Note: "Cutouts" shown for clarity, not required.

(6) 8-32 x 1/4" P.H.F.H.U.C.M.S.

K. Standard hex key dogging, depress touch bar insert supplied hex key and rotate clock wise to dog and counter clock wise to undog.

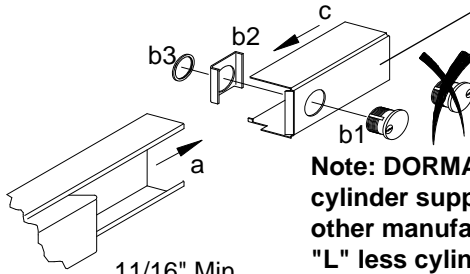


OPTIONS

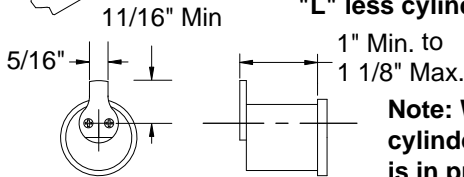
"CD" (CYLINDER DOGGING) OPTION:

Cylinder dogging installation instructions & cylinder specifications.

NOTE: Touch bar must be in dogged down position, to remove the rear filler panel.



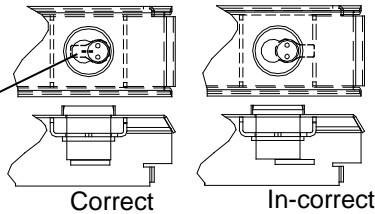
Note: DORMA mortise cylinder supplied. To use other manufacture cylinders, "L" less cylinder is available.



Note: When using IC core cylinders, ensure that cam is in proper position prior to installing the new core.

Useable Cams	
Arrow	001
Assa	Std. (Yale)
Best	C136
Corbin	A02
Falcon	12667-3
DORMA	10
Ilco/Uican	SC1
Lori	SC1 4200-82-2002 Std.
Sargent	13-0664 or 13-0660
Schlage	001
Yale	2160

Witness Marks



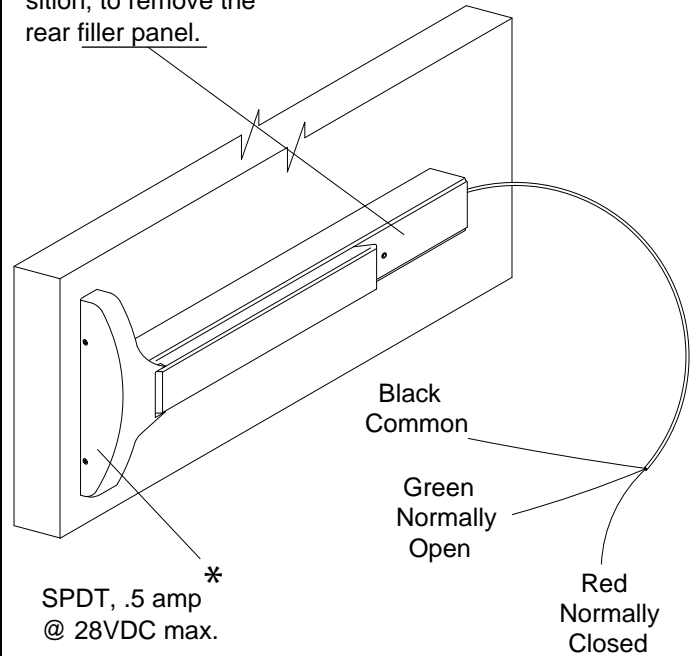
"LM" (LATCH MONITOR) OPTION:

Latch monitor: Monitors movement of bellcrank, with or without depressing of touch bar.

Can be wired normally open or normally closed.

***NOTE:** Use caution when cutting touch bar and rail to length. Additional hole required see **step 11**.

NOTE: Touch bar must be in dogged down position, to remove the rear filler panel.



"BPA" & "BPAR" (ALARM) OPTION: FOR DIRECT WIRED SEE NEXT PAGE

BPA: Battery powered alarm, sounds continuous or until disarmed.

BPAR: Battery powered alarm, sounds for 4 minutes, automatically resets.

"Alarm mode set at factory."

SIZE A:

Will fit 48" door opening without cutting.
Can be cut to fit a 37 1/2" minimum door opening.

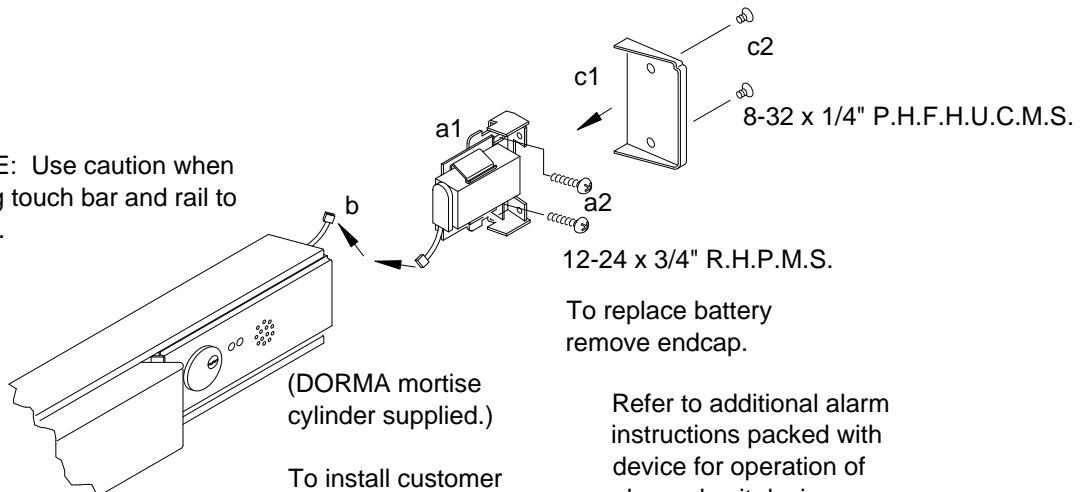
SIZE B:

Will fit 36" door opening without cutting.
Can be cut to fit a 31 1/2" minimum door opening.

SIZE C:

Will fit 36" door opening without cutting.
Can be cut to fit a 28 1/2" minimum door opening.

***NOTE:** Use caution when cutting touch bar and rail to length.



(DORMA mortise cylinder supplied.)

To install customer supplied cylinder, see cylinder dogging option at top of page.

To replace battery remove endcap.

Refer to additional alarm instructions packed with device for operation of alarmed exit device.

OPTIONS

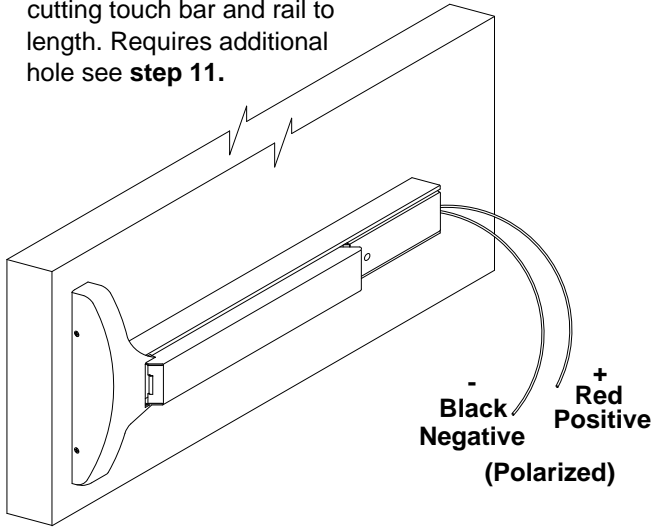
"ES" (ELECTRIC LATCH RETRACTION) OPTION:

Electrically retracts latchbolt(s) when energized by power supply.

REQUIRES DORMA PS501 POWER SUPPLY AND ES105 POWER TRANSFER.

PS501 Will operate (2) "ES" 9600 exit devices, but is capable of powering (2) additional devices by installing the optional "ES-2" card.

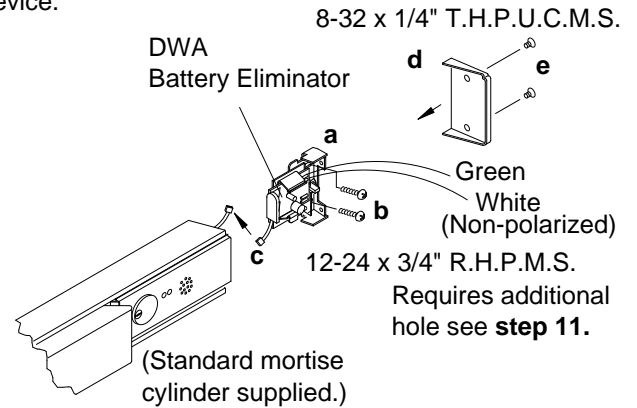
***NOTE:** Use caution when cutting touch bar and rail to length. Requires additional hole see **step 11**.



"DWA" (DIRECT WIRED ALARM) OPTION:

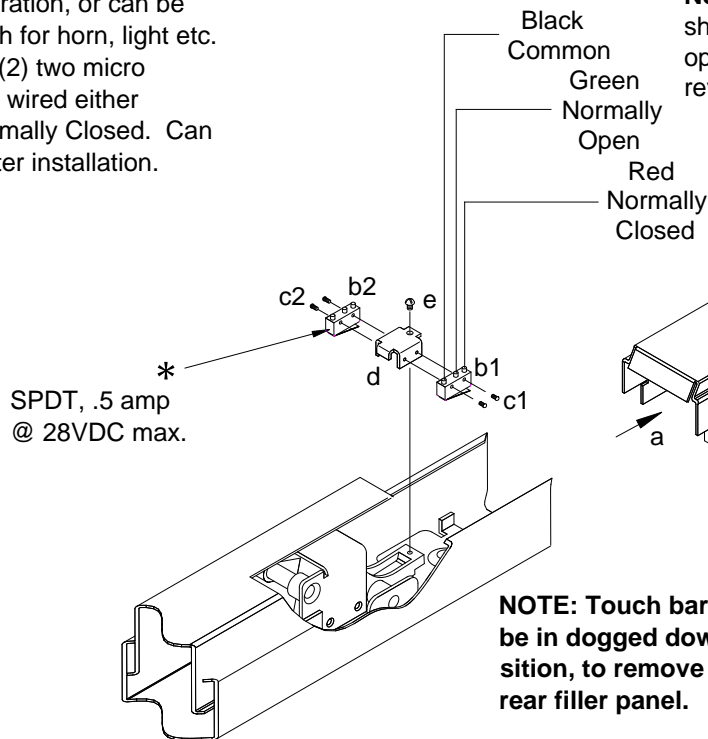
Connected to outside power source. 12-24 Volt AC/DC Power Supply. i.e. DORMA ES100 etc., Contact DORMA for other power supplies available.

Refer to additional sheet IAL9000 packed with device for operation of alarmed exit device.

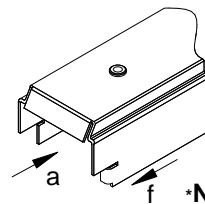


"MS" (MICRO SWITCH) OPTION:

"MS" option allows monitoring of touch bar during normal operation, or can be used as a signal switch for horn, light etc. Comes standard with (2) two micro switches. Both can be wired either Normally Open or Normally Closed. Can be added to device after installation.



Note: Normal switch position shown, once installed normally open and closed positions are reversed.



***NOTE:** Use caution when cutting touch bar and rail to length. Requires additional hole see **step 11**.

NOTE: Touch bar must be in dogged down position, to remove the rear filler panel.

OPTIONS

"DE" (DELAYED EGRESS) OPTION:

Note: Refer to DE9000 Series Installation Instructions for additional instructions for installation and operation of the "Delayed Egress" exit device.

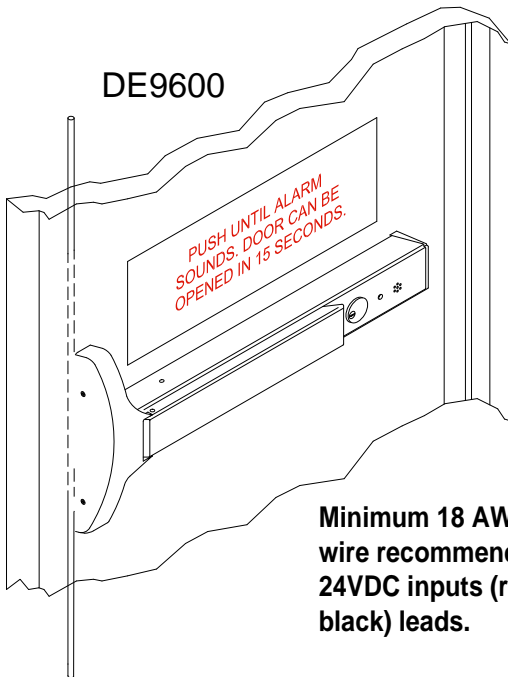
- 85 Decibel Alarm - Standard
- LED Status Indicator - Standard
- Nuisance Alarm - Standard
- Key Switch Control - Standard
- Remote Authorized Egress - Standard
- Remote Re-Arm - Standard
- Remote Bypass - Standard
- Door Position Input - Standard, DIP Switch Setting
- Auto Reset or Manual Reset, DIP Switch Setting
- Auto - Standard (Manual - in CA)
- Additional Form "C" Relays For Optional Horn etc.
(Rated 1 amp @ 30 vdc)

**REQUIRES DORMA
ES-100 24 VDC POWER SUPPLY.
One supply per device unless the
optional ES101 Time Delay is used
to sequence the arming of the two
devices.**

Easily accessible slide in and out electronics.
Meets UL & ANSI/BHMA requirements.

SIZE AA:
Will fit 48" door opening without cutting.
Can be cut to fit a 39 1/2" minimum door opening.
SIZE BB:
Will fit 36" door opening without cutting.
Can be cut to fit a 32" minimum door opening.

**NOTE: Some CA Codes may require
different verbiage; check local code re-
quirements prior to installing decal.**



**Minimum 18 AWG
wire recommended for
24VDC inputs (red &
black) leads.**

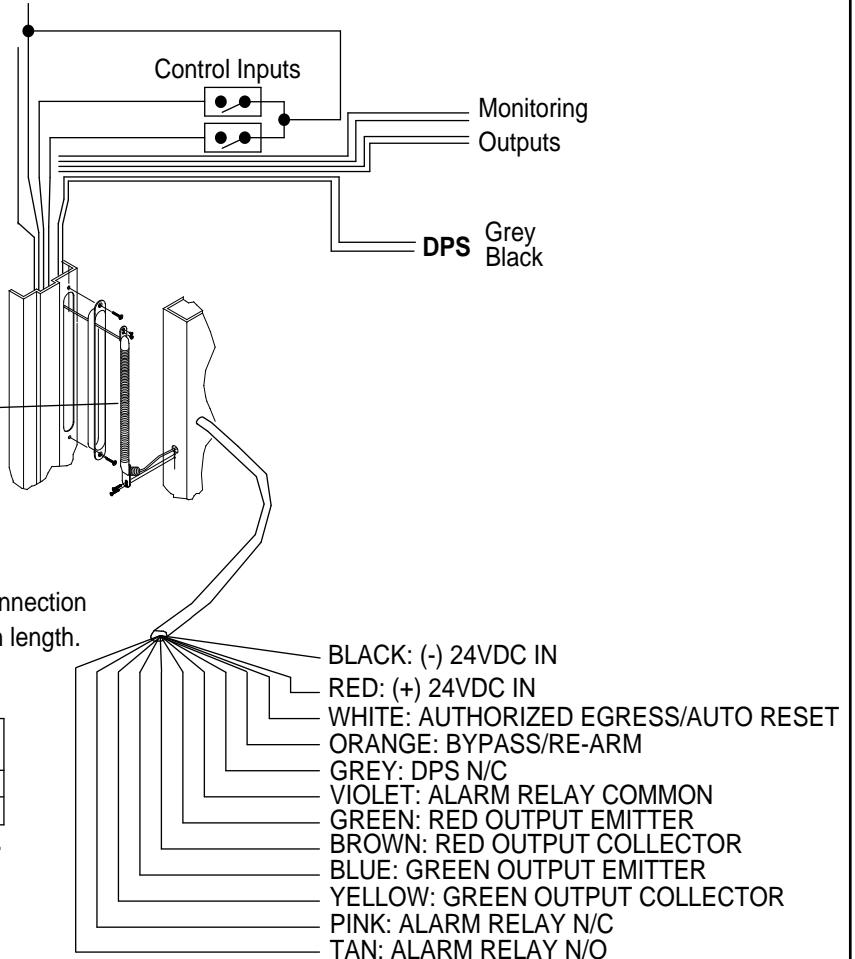
**DORMA ES105
(Power Transfer
"Required")**

(12) Wire Connection
Bundle 22" in length.

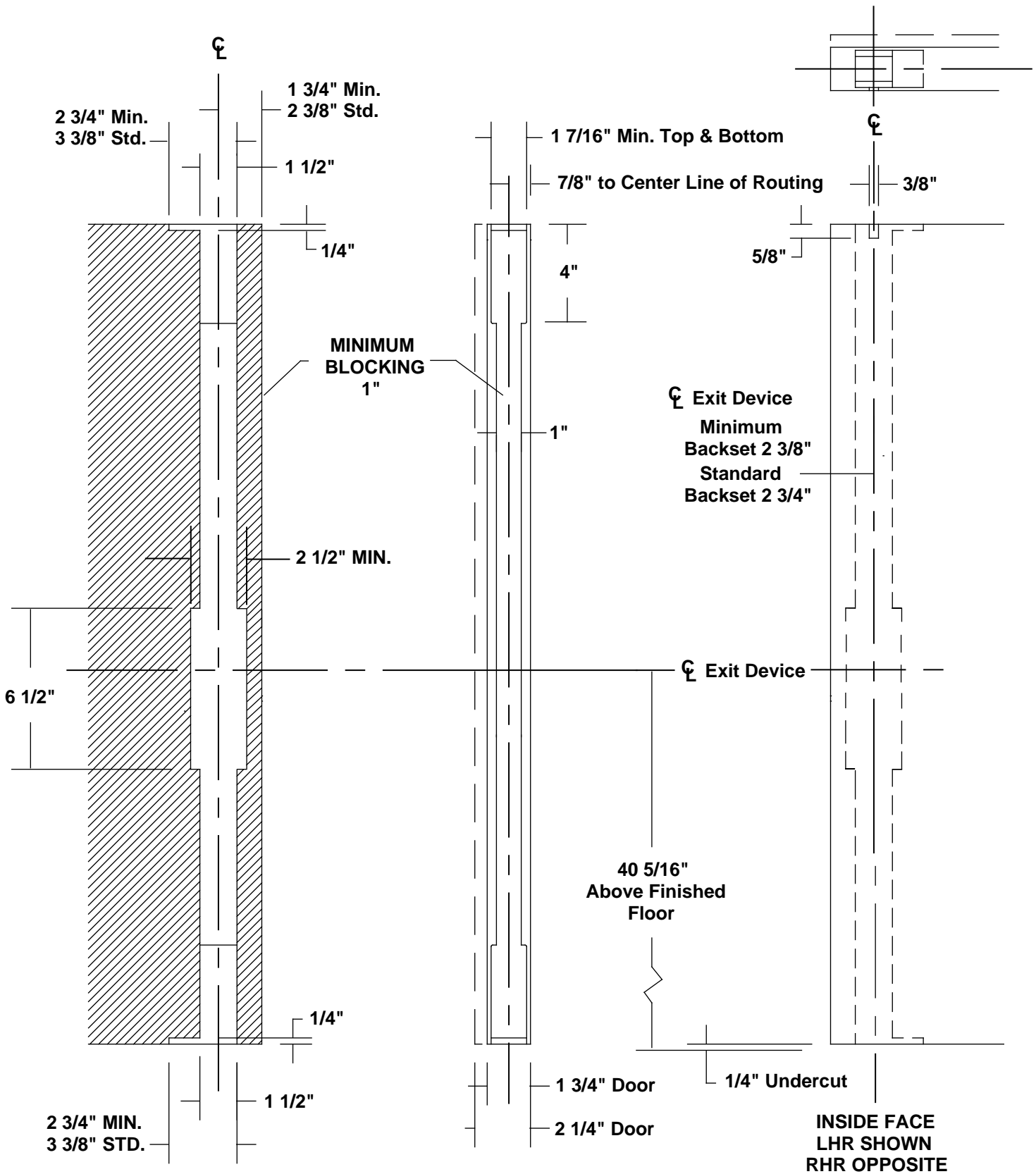
Maximum Wire Length From Power Supply To Device & Back To Supply In Feet x Wire Gage/Size				
WIRE	18AWG	16AWG	14AWG	12AWG
FEET	25	50	75	100

* For 24VDC inputs only (red & black wires).

**Note: Wire run is from supply to device
and back to the supply.**

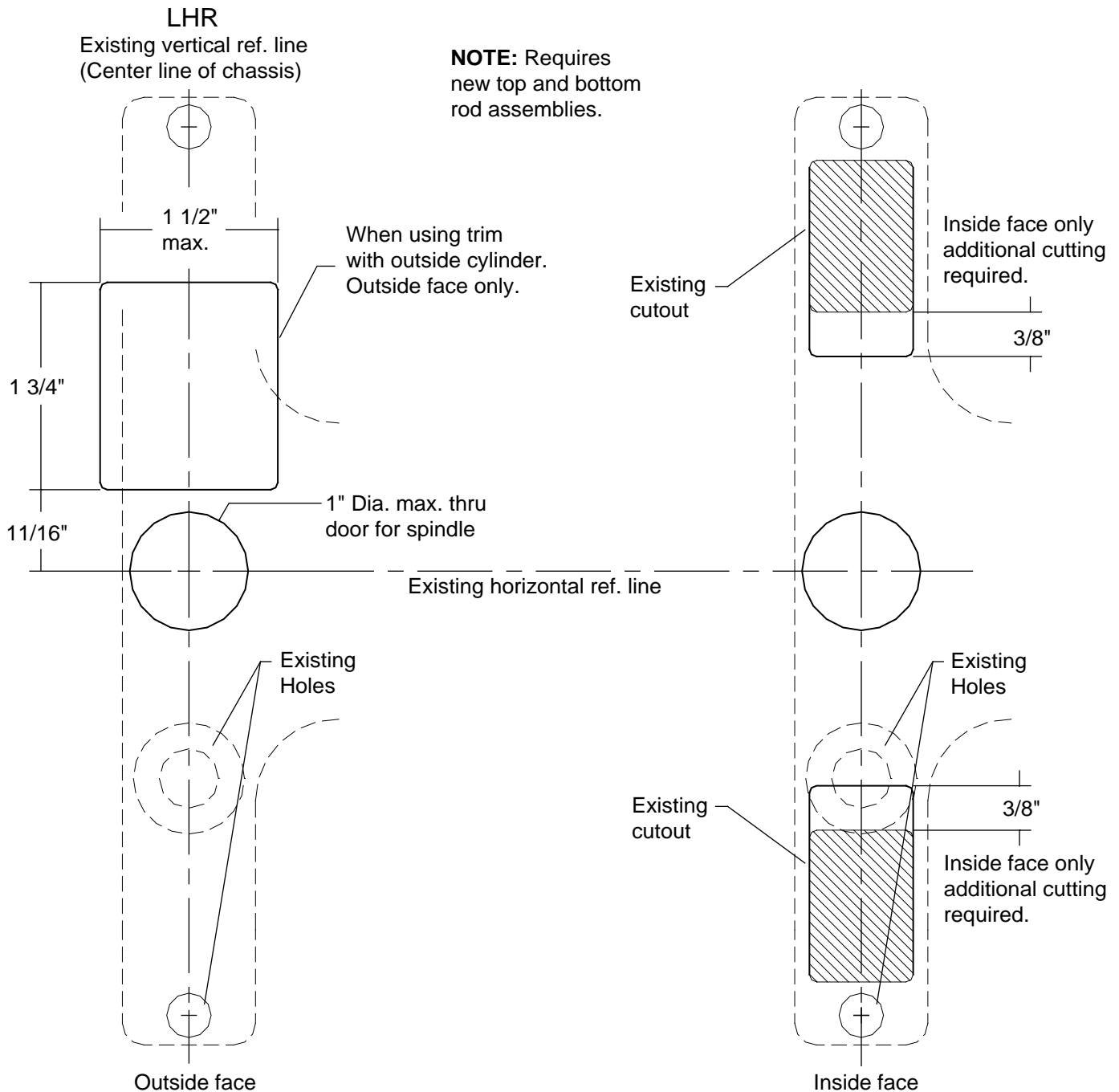


WOOD DOOR PREP
SEE TEMPLATES FOR ACTUAL PRODUCT ONLINE
AT www.dorma-usa.com



NOT TO SCALE
METAL EDGE GUARD MAY
BE REQUIRED FOR FIRE RATED DOORS

RETROFIT FROM EXISTING 5100 TO NEW 9600 MODEL



DO NOT SCALE

Additional installation instructions:

Use existing latch and chassis location. **Note: new "Z" trim will be required if trim is used.**

Replace existing rod assemblies with new design. Follow instruction for installing new 9600 series device.

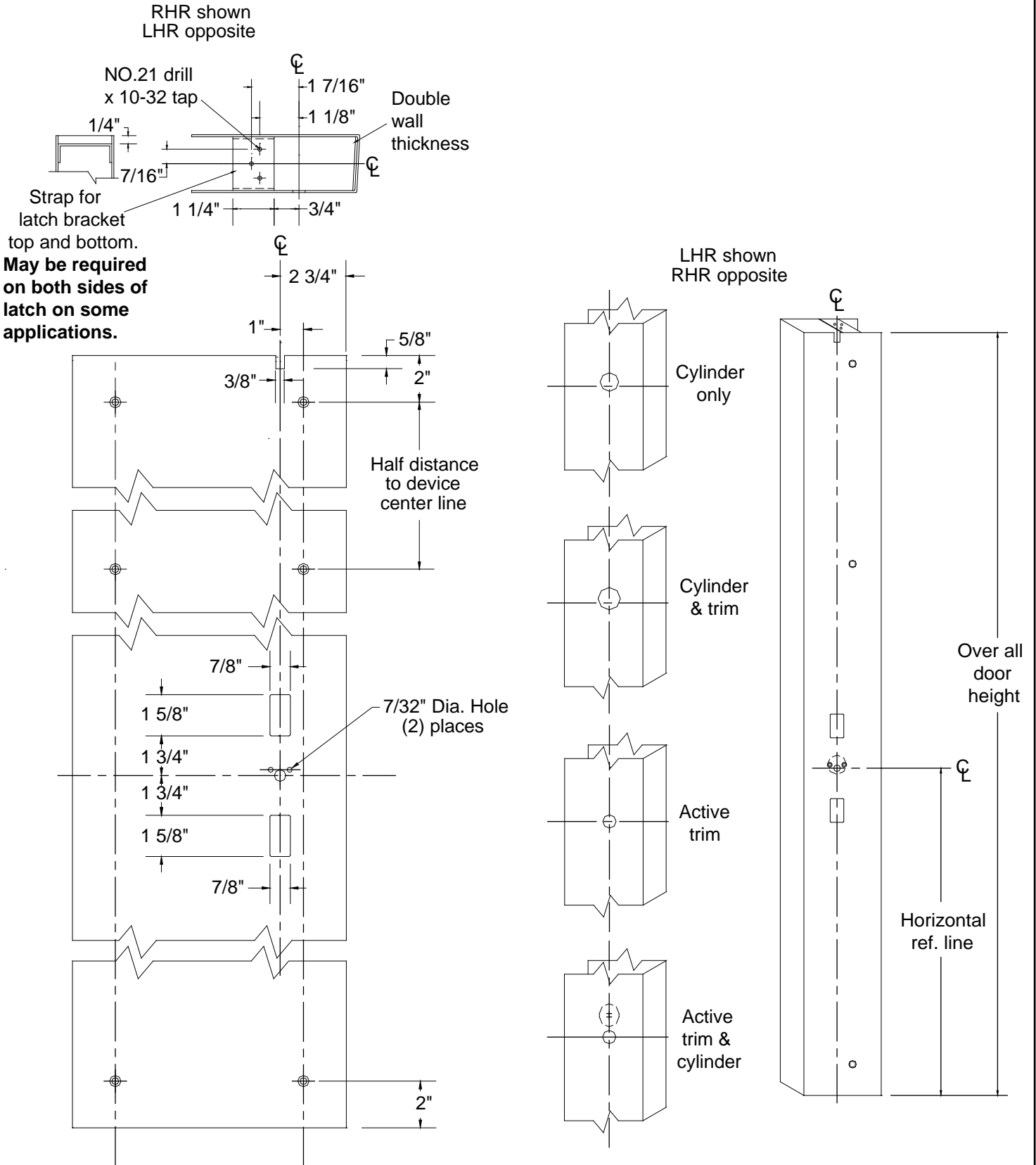
Install chassis assembly to door, install end cap bracket to door, hold touch bar and rail assembly in position aligning screw holes in rail with mounting screw location of chassis, mark a line on rear of rail where front edge of end cap bracket is then cut touch bar and rail assembly to length.

Install touch bar and rail to door then install all covers.

METAL EDGE GUARD FOR FIRE RATED DOORS

NOTE:

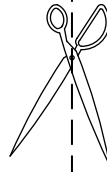
Fire door application may require metal edge guard. See proper device and trim templates for additional metal edge guard and hole preparation.



Do not scale

LHR

VERTICAL REF. LINE
(CENTERLINE OF CHASSIS)



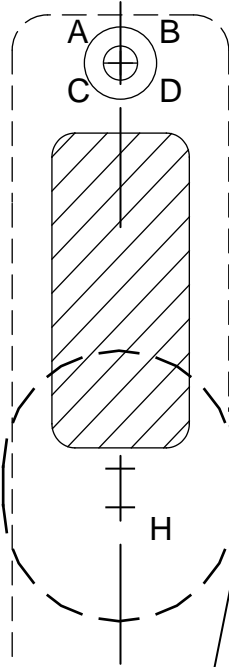
RHR

VERTICAL REF. LINE
(CENTERLINE OF CHASSIS)



EXIT DEVICE
9600/F9600 SERIES

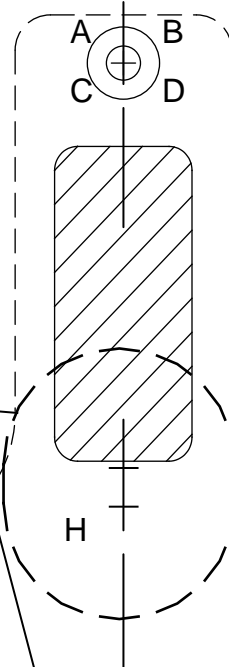
3/4" X 1 5/8"
CUTOUT
FOR ROD
CONNECTION
SEE PROPER
OUTSIDE DOOR
TRIM TEMPLATE
FOR TRIM PREP



OUTSIDE
FACE ONLY

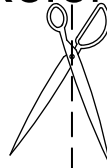
OUTSIDE
FACE ONLY

3/4" X 1 5/8"
CUTOUT
FOR ROD
CONNECTION
SEE PROPER
OUTSIDE DOOR
TRIM TEMPLATE
FOR TRIM PREP

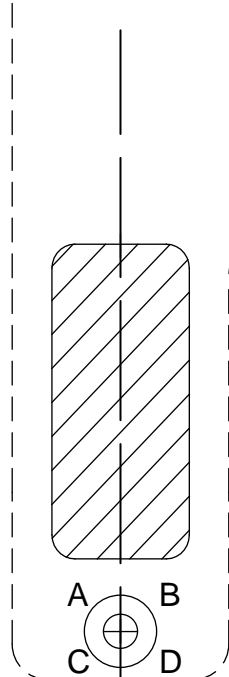


NOTE: FOR CYLINDER ONLY
FUNCTION SEE PAGE 4
HORIZONTAL REFERENCE LINE

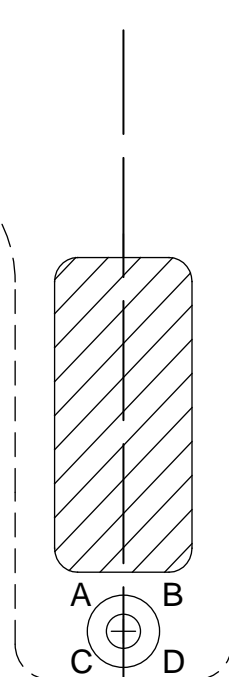
Drawing not to Scale
Use for Reference Only



3/4" X 1 5/8"
CUTOUT
FOR ROD
CONNECTION
SEE PROPER
OUTSIDE DOOR
TRIM TEMPLATE
FOR TRIM PREP



3/4" X 1 5/8"
CUTOUT
FOR ROD
CONNECTION
SEE PROPER
OUTSIDE DOOR
TRIM TEMPLATE
FOR TRIM PREP



- A FOR WOOD DOOR No. 25 DRILL 1" DEEP
- B FOR METAL DOOR No. 16 DRILL 12-24 TAP
- C FOR SEX BOLT 3/8" DIA. HOLE THRU DOOR
- D FOR USE WITH TRIM 3/8" DIA. HOLE THRU DOOR
- G FOR KNOB/LEVER/THUMBTURN 1" DIA. OUTSIDE FACE
1/2" DIA. INSIDE FACE
- H FOR KNOB/LEVER/THUMBTURN 1" DIA. OUTSIDE FACE
1 1/2" DIA. x 1 3/4" HIGH FOR CYLINDER CLEARANCE

9600/F9600 SERIES CONCEALED VERTICAL ROD EXIT DEVICE



Top Rod Adjustment Chart - for door sizes ranging from 6'4" to 8'4".

