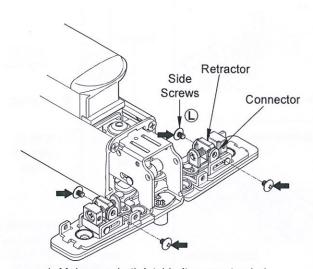
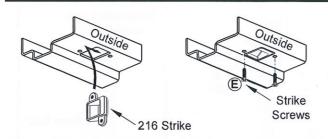
10 INSTALL SIDE SCREWS.



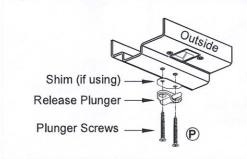
- Make sure both latchbolts are extended.
- Apply "side screws" through round holes in connector with threaded holes in retractors and tighten.

NOTE: Must install side screws on both sides of connectors and retractors.

11 HANG DOOR AND INSTALL TOP STRIKE & RELEASE PLUNGER.

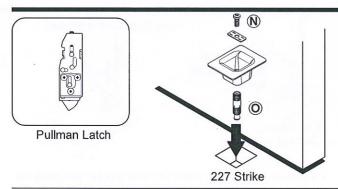


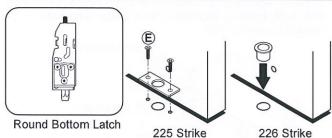
See "FRAME PREPARATION" on page 9 for cut-out and holes. After preparing, install top strike into door frame and mount two(2) strike screws.



See "FRAME PREPARATION" on page 9 for holes. After preparing, install release plunger with two(2) plunger screws.

12 INSTALL BOTTOM STRIKE.



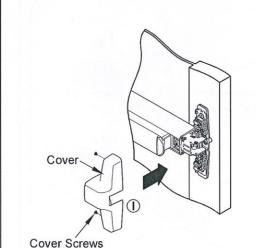


- Mark floor for fasteners, prepare floor according to the type of strike and fastener furnished. Provide clearance in floor for bolt
- 2. For threshold application:

Provide hole in threshold according to type of strike and fasteners furnished.

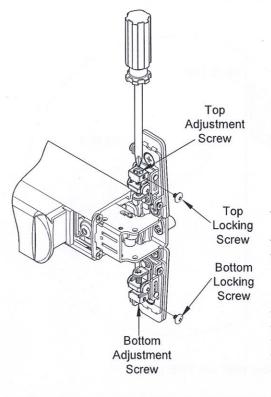
13 ADJUST RODS AND INSTALL CASE COVER.

1.For Rod Adjustments SEE PAGE 9

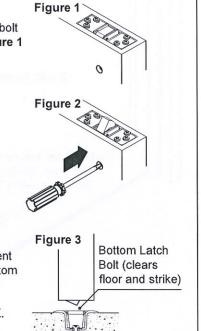


2. Attach cover to center case with two(2) center case screws.

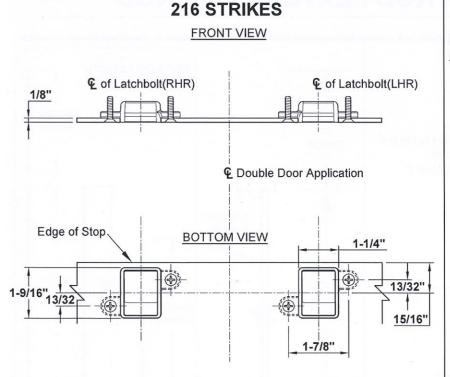
ADJUST LATCHES AND SECURE TOP & BOTTOM LOCKING SCREWS.



- Depress push bar to retract the latch bolt and open the door.
- Check top latch for HOLDBACK (Latchbolt stays retracted in latch case). See Figure 1
- 3. Loosen top locking screw.
- 4. Rotate top adjustment screw until top latchbolt is fully retracted.
- 5. Release top latchbolt. See Figure 2
- Check top latchbolt for DEADLOCK
 (Latchbolt should not push in).
- Rotate top adjustment screw until top latchbolt is in DEADLOCK.
- 8. Tighten top locking screw.
- 9. Depress push bar and retract latchbolt.
- 10. Make sure top latchbolt stays retracted as shown. See Figure 1
- 11. Loosen bottom locking screw.
- 12. With top latchblot still retracted, adjust bottom rod by rotating bottom adjustment screw, so latchbolt clears floor and bottom strike in HOLDBACK. See Figure 3
- 13. Release top latchbolt. See Figure 2
- 14. Check bottom latchbolt for DEADLOCK.
- 15. Tighten bottom locking screw.
- Open and close door several times and check device operation and DEADLOCK & HOLDBACK function.

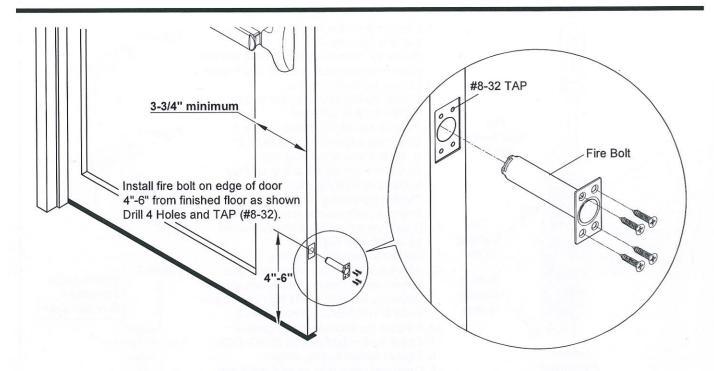


FRAME PREPARATION



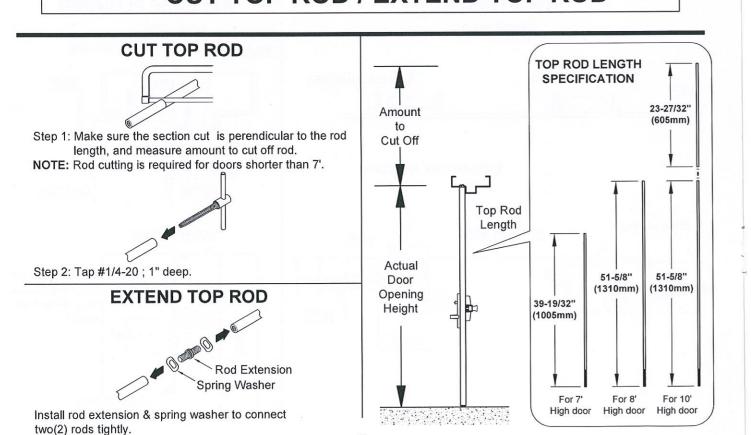
RELEASE PLUNGER Reinforcing € of Latch Bolt required 3/16" 7/16" INSIDE OUTSIDE **BOTTOM VIEW** Plunger must go thru hole in door. See "Step 4" on page 6. **→ 1-1/8**" of Latch Bolt Edge of Stop

INSTALL FIRE BOLT

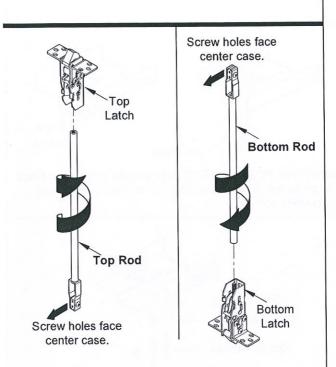


NOTE: Fire rated device with less bottom rod (LBR) applications must use FIRE BOLT.

CUT TOP ROD / EXTEND TOP ROD

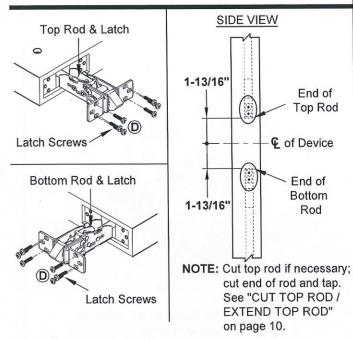


5 ATTACH RODS TO LATCHES.



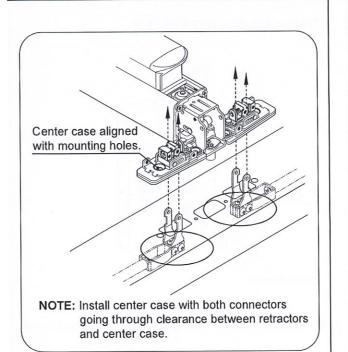
Thread rod onto latch stud until screw holes in rod bars face center case.

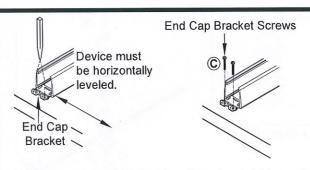
6 INSTALL RODS AND LATCH.



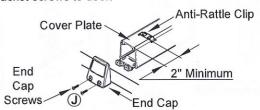
- 1. Install top latch and latch screws at top of door.
- 2. Install bottom latch and latch screws at bottom of door.
- 3. Fine tune the overall length by threading latch in or out of rod.

9 INSTALL MOUNTING BRACKET AND END CAP.





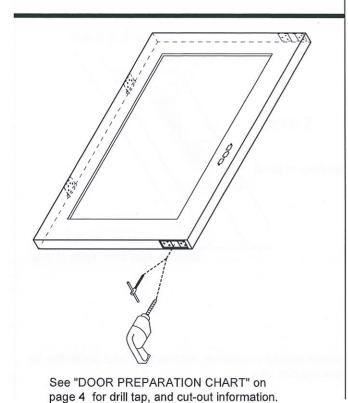
1. Remove cover plate, insert end cap bracket into push bar assembly against mechanism case. Level device, mark and drill two(2) holes for Bracket Screws. Fasten end cap bracket screws to door.



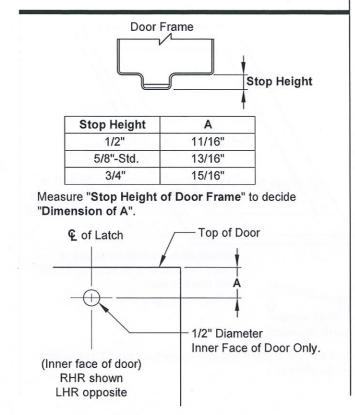
2. Insert cover plate, slide anti-rattle clip in position (2" minimum from end), and attach end cap with two(2) end cap screws.

7

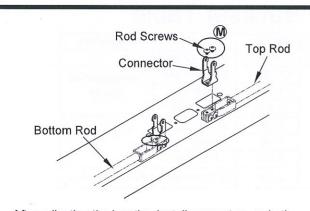
3 PREPARE DOOR FOR DEVICE AND TOP & BOTTOM LATCH.



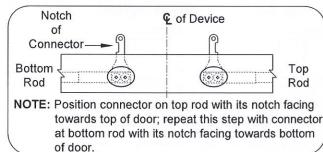
4 DRILL TOP OF DOOR FOR RELEASE PLUNGER.



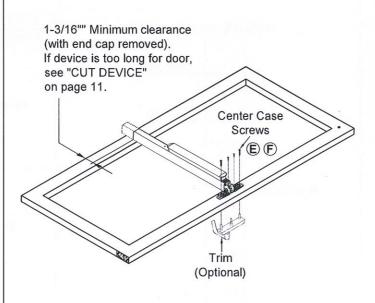
INSTALL CONNECTORS.



After adjusting the lengths, Install connectors on both concealed rods with rod screws.

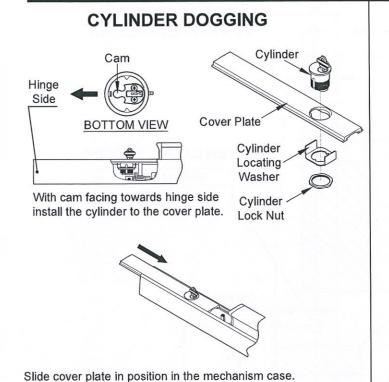


INSTALL TRIM (IF USING) AND SECURE DEVICE CENTER CASE TO DOOR.



1. DEVICE WITH TRIM - See "Trim Instructions". 2. EXIT ONLY - Mount center case to the door with four(4) center case screws.

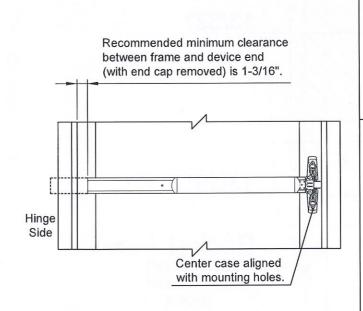
OPTIONAL DOGGING

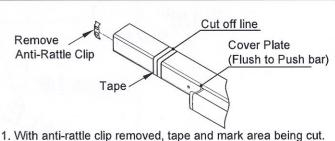


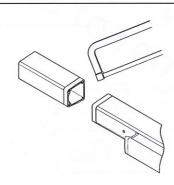
DOGGING CHECK Flat / Hex Key Dogging Cylinder Dogging

Depress push bar and turn flat / hex wrench or key one full turn for dogging check.

CUT DEVICE (IF REQUIRED)

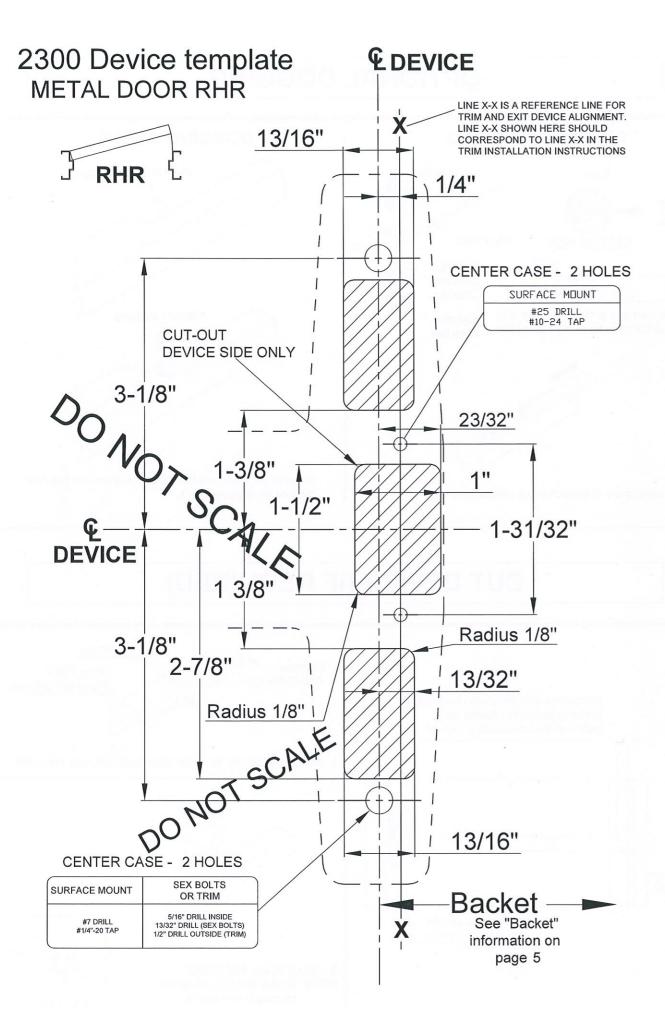




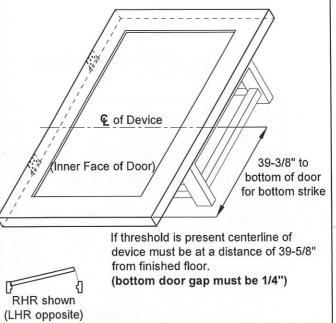


2. Cut off device and deburr. NOTE: Device must be cut square for proper end cap fit.



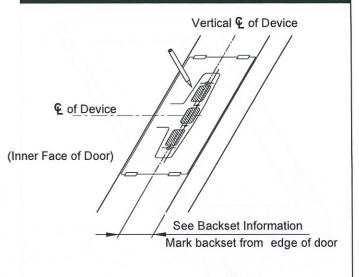


1 DRAW HORIZONTAL DEVICE CENTER LINE(%).



Lay door in place and draw horizontal device center line as shown.

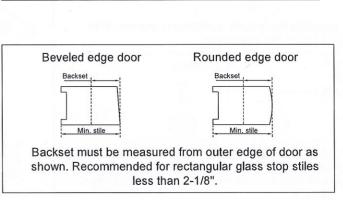
2 DRAW VERTICAL & MARK BACKSET.



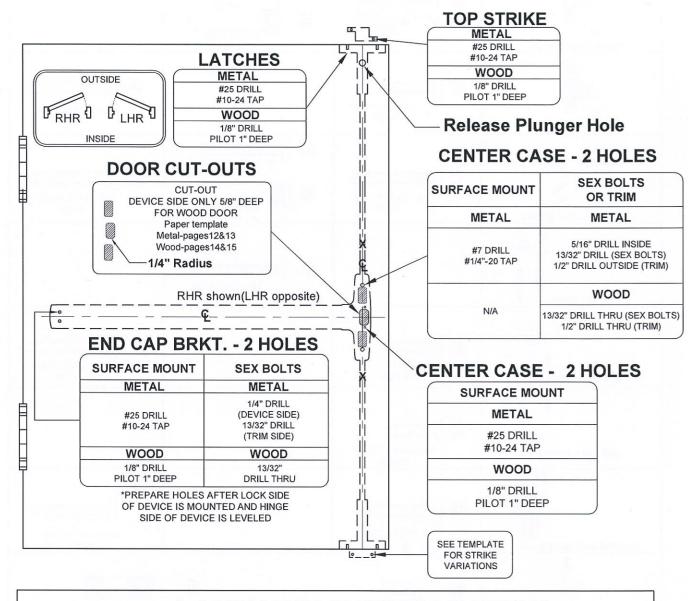
Position template as shown, then mark vertical center line for device center case.

Backset Information

Backset Table Backset Min. stile Application Door Type Vertical € of Device 2-1/8" - 2-3/4" Wood Door 1-5/16" 2-3/4" - 3-3/4" 1-1/2" Two vertical rod Door Stile 3-3/4" - 5" 1-7/8" devices 2-1/2" 5" to flush 2-1/2" - 3-3/4" 1-1/2" Metal Single door Backset 1-7/8" 3-3/4" - 5" 2-1/2" 5" to flush 2-3/4" 3-5/8" to flush Fire applications ♠ of Device

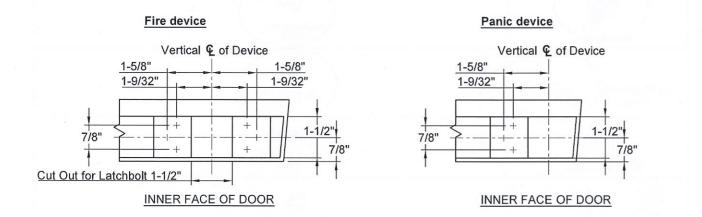


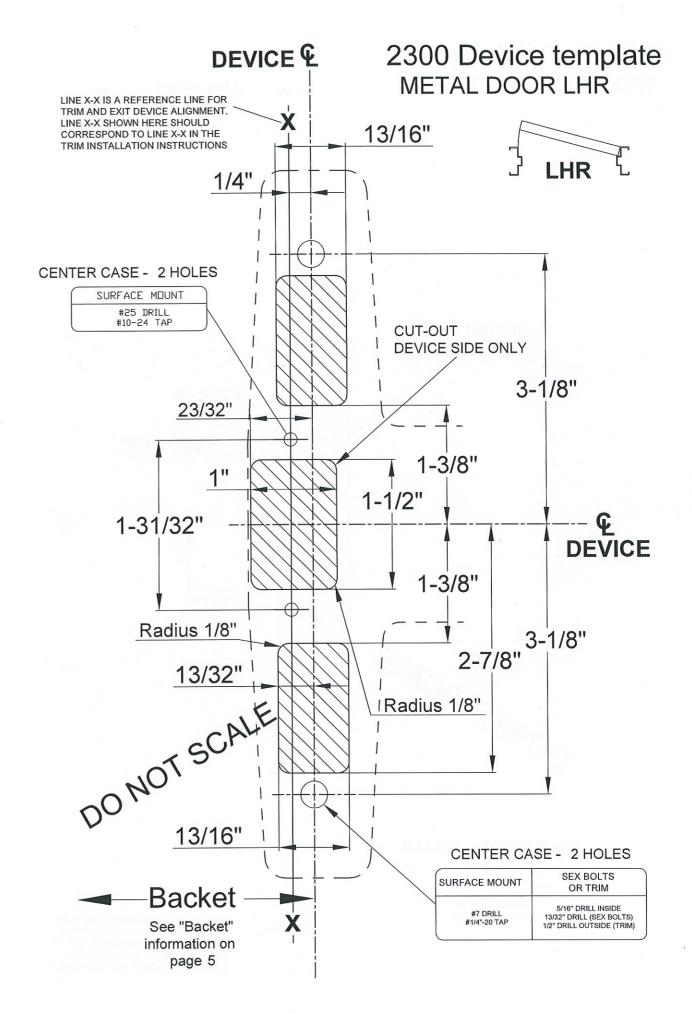
DOOR PREPARATION CHART

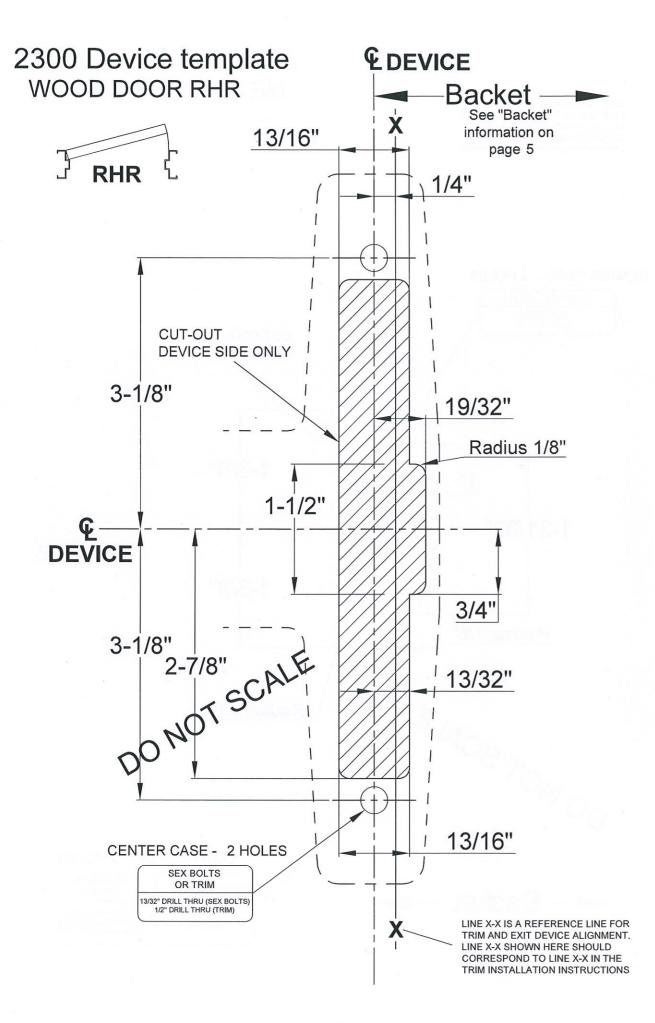


LATCH HOLE PREPARATION

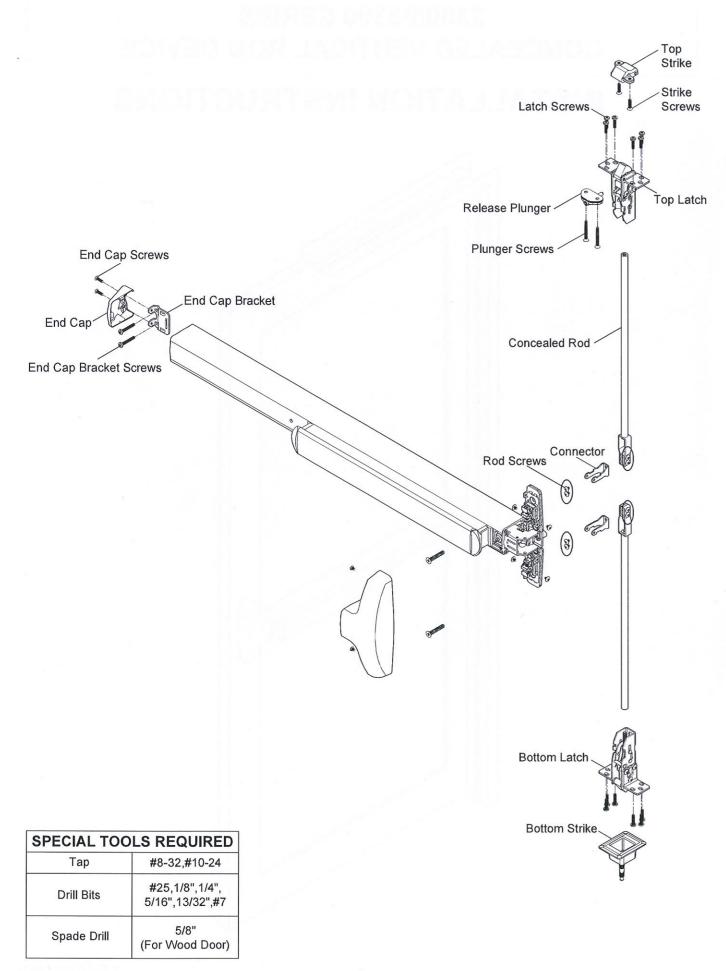
(Drill Top and Bottom of Door)

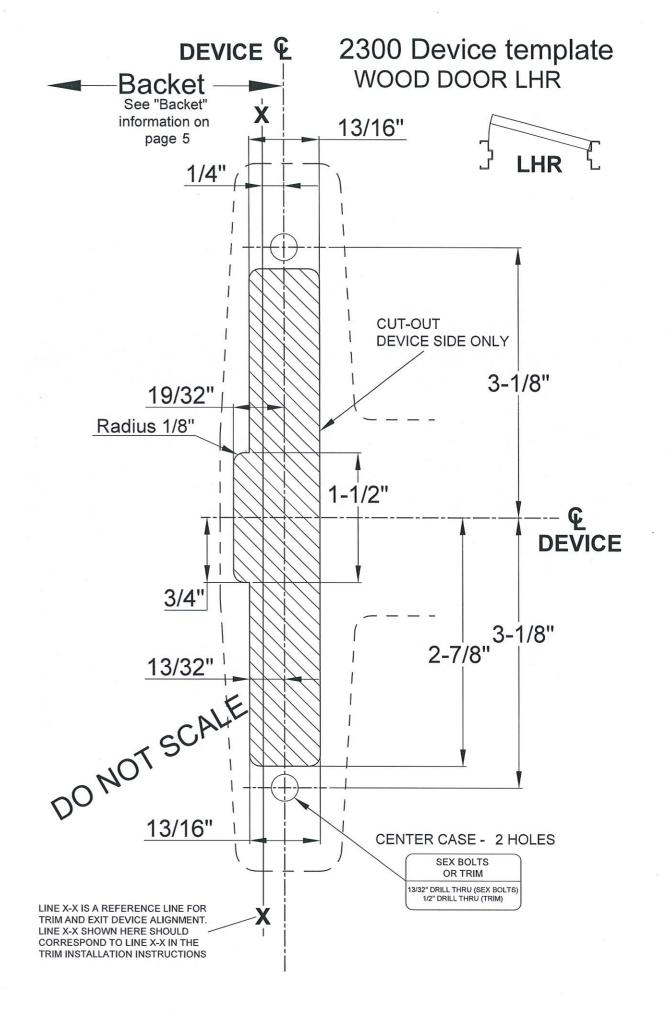






	SCRE	W CHART	1
APPLICATION	METAL	SEX BOLTS	WOOD
Center Case Screws	F) 1/4-20 x 1-1/8" 2 PCS	1/4-20 x 1-3/32" 2 PCS H 1/4-20 x 1-3/32" 2 PCS	Trim mount or sex bolts
Center Case Screws	No.10-24 x 11/16" 2 PCS		No.10-12 x 1-11/32" 2 PCS
End Cap Bracket Screws	No.10-24 x 1-11/32" 2 PCS	No.10-24 x 1-11/32" 2 PCS No.10-24 x 1-3/32" 2 PCS	No.10-12 x 1-11/32" 2 PCS
Plunger Screws		No.10-24 x 1-5/8" 2 PCS	
216 Strike Screws	No.10-24 x 11/16" 2 PCS	CELONX - TOOMS	No.10-12 x 1-11/32" 2 PCS
225 Strike Screws	No.10-24 x 11/16" 2 PCS		
Top / Bottom Latch Screws	(D) () No.10-24 x 25/32" 6 PCS		No.10-12 x 1-11/32" 6 PCS
227 Strike Screws	No.1/4-20 x 5/8"	No.1/4-20 × 5/8" 1 PCS	
Stde Screws		No.8-32 x 7/32" 6 PCS	ran est
Top / Bottom Rod Screws	M	No. 8-32 x 5/16" 2 PCS	
End Cap Screws	0	No.8-32 x 5/8" 2 PCS	P
Cover Screws	①	No.8-32 x 5/32" 2 PCS	P ADMIN





2300/F2300 SERIES CONCEALED VERTICAL ROD DEVICE

INSTALLATION INSTRUCTIONS

