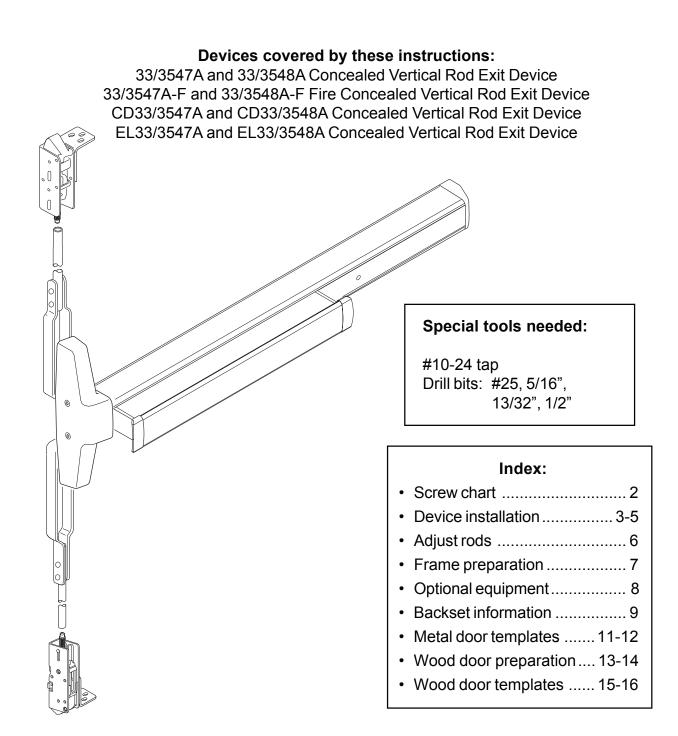


33/3547A



911404-00 Concealed Vertical Rod Exit Device

Installation Instructions

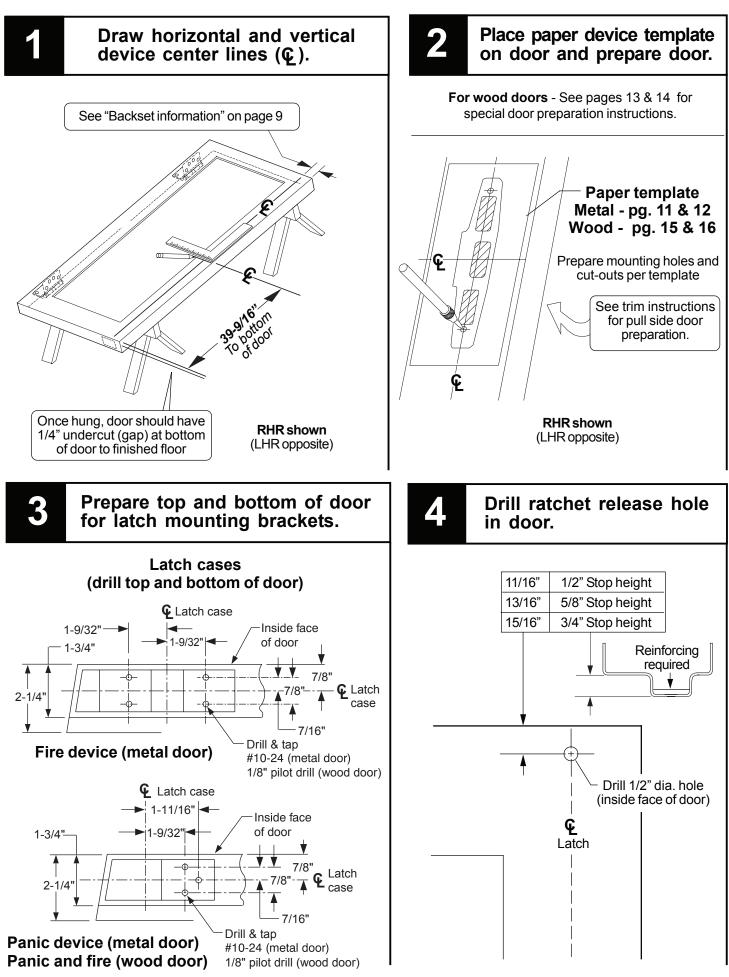


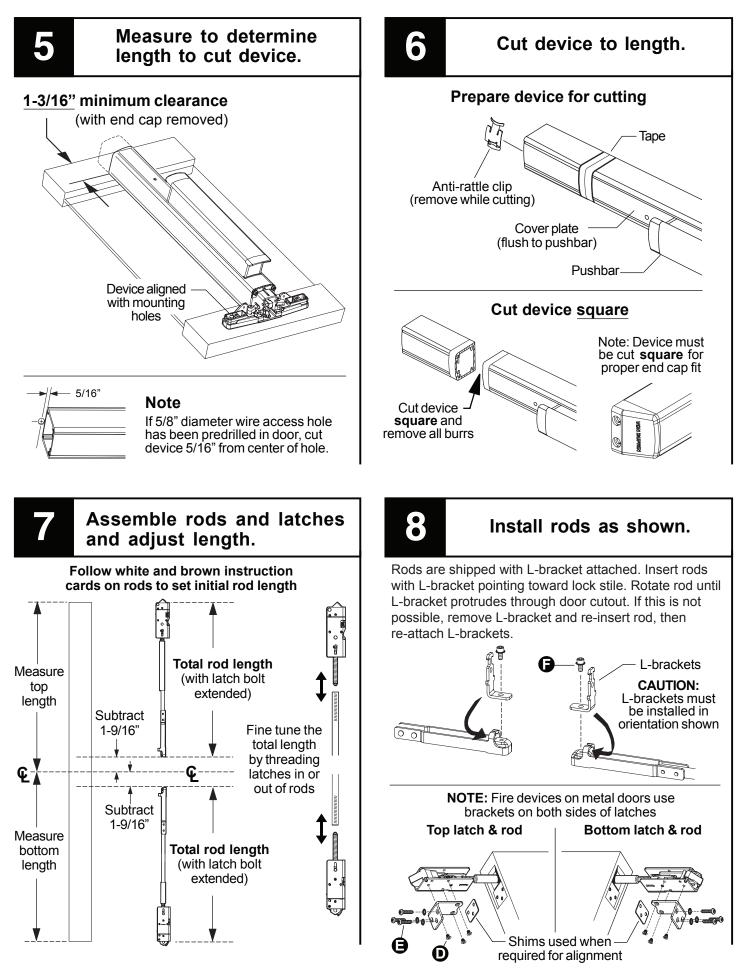


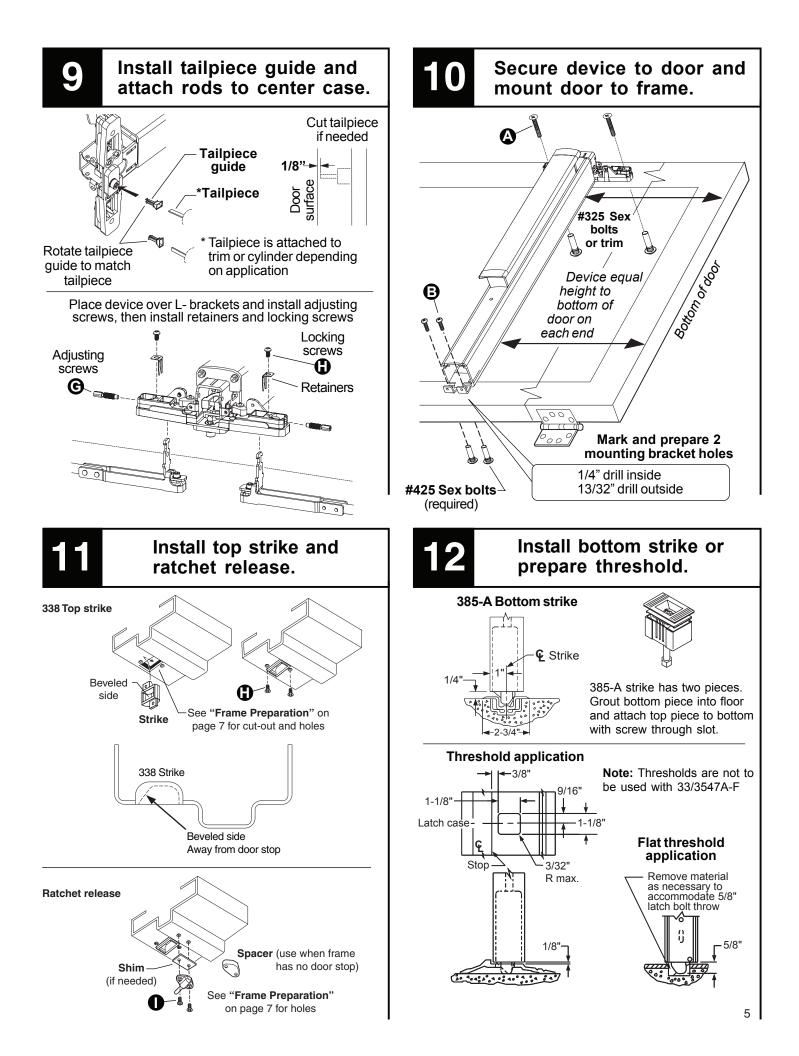
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SCREW CHART

	1/4-20 x 1" 1/4-20 x 1-1/2"	
B	() () () () () () () () () ()	Sex bolts (1-3/4" door)
6	(1111) #10-16 X 3/8" Thread cutting	—— End cap
	#10-32 X 1/4" —	Bracket to latch
	() *#10-24 X 1/2"	Bracket to door
	<pre>*#10 X 1" Wood screw</pre>	Bracket to door
	#10-32 X 3/8" Socket head —	Rod attachment
G	Rod adjusting screw	Rod length adjustment
•	() #8-32 X 5/16"	Retaining clip
	#10-24 X 1/2" ————————————————————————————————————	338 Strike
J	#10-24 X 1-1/2"	Ratchet release
	#8-18 x 3/8" Thread cutting	—— Center case cover





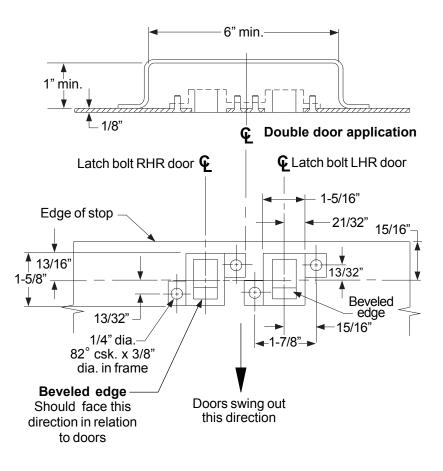


ADJUST RODS

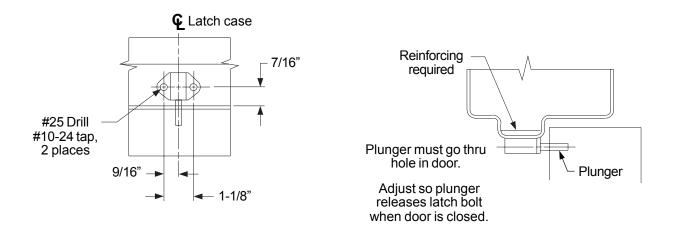
1. Open door and release top 8. Depress pushbar and release. latch bolt as shown (Figure 1). 9. Make sure top latch bolt stays Shown fully retracted as shown. **Top latch bolt** extended Latch bolt retracted (flush with latch case) Figure 3 **10.** Install bottom adjusting screw through bottom rod and install bottom retaining clip and locking screw (Figure 2). Figure 1 11. With top latch bolt still retracted, adjust bottom rod so latch bolt clears floor and bottom strike. 2. Remove bottom locking Bottom screw and retaining clip latch bolt (Figure 2). (clears floor and strike) 3. Disconnect bottom vertical Figure 4 rod by removing bottom Top adjusting screw. adjusting 12. Close door and check bottom latch bolt for dead locking. screw After bottom rod is fully adjusted per steps 11 and 12, turn bottom locking screw in against 4. Loosen top locking screw. 13. Top flat on adjusting screw. Do not over-tighten. locking 5. Rotate top adjusting screw screw clockwise until top 14. Check device operation by opening and closing latch bolt is fully extended door several times from the outside. (Figure 1). Redo adjustment procedure if : Figure 2 - Top latchbolt is not held retracted - Bottom latchbolt does not clear floor and bottom strike **Bottom** retaining clip 15. Install end cap and center case covers. Bottoma adjusting Bottom screw locking screw Check top latch bolt for deadlocking 6. (latch bolt should not push in). Remove protective film from pushbar 0 7. Turn top locking screw in against flat on adjusting screw. Do not over-tighten.

FRAME PREPARATION

338 Top strike



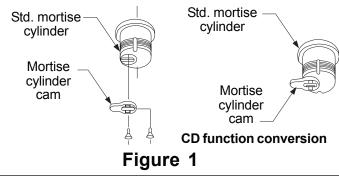
Ratchet release



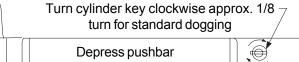
OPTIONAL EQUIPMENT

CD (CYLINDER DOGGING)

- **1.** Remove mortise cylinder cam and reinstall in reverse (Figure 1).
- 2. Insert key and rotate cam to install the cylinder to the cover plate (Figure 2).
- **3.** Remove key to slide cover plate in position in the mechanism case.



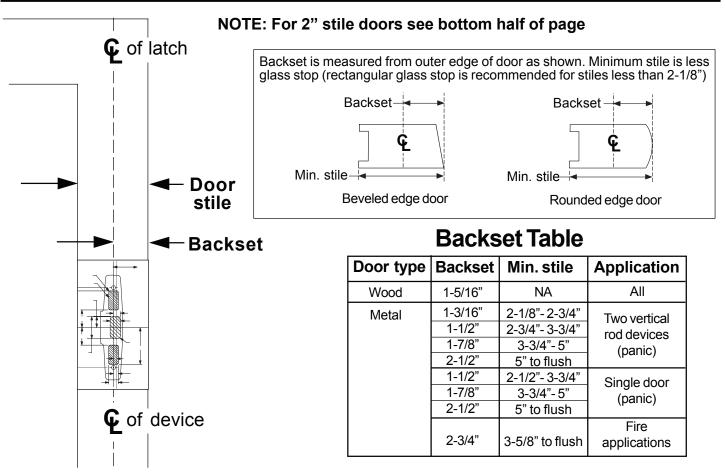
Dogging procedure



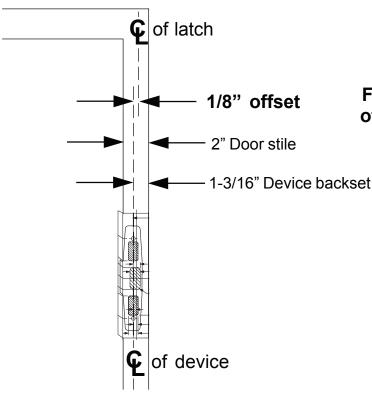
Offset toward pushbar Dogging plate cover Cylinder Cylinder Cylinder Cylinder Cylinder lock nut Cylinder lock nut Cylinder lock nut

Figure 2

BACKSET INFORMATION

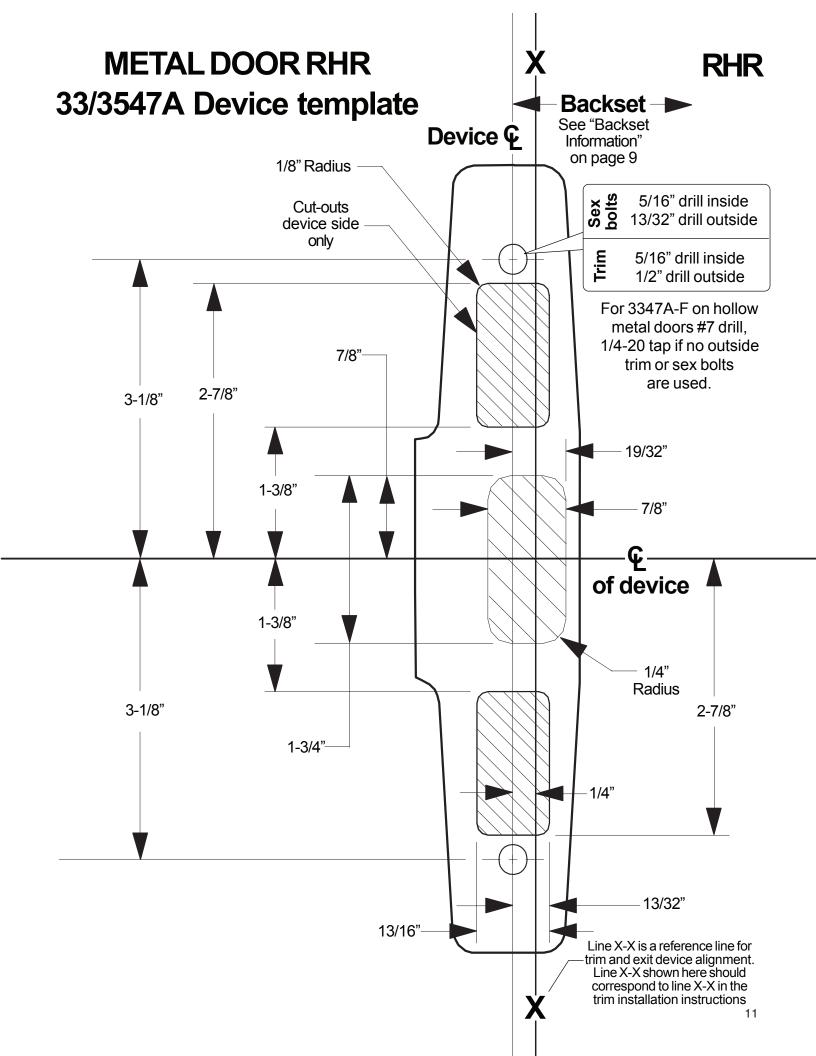


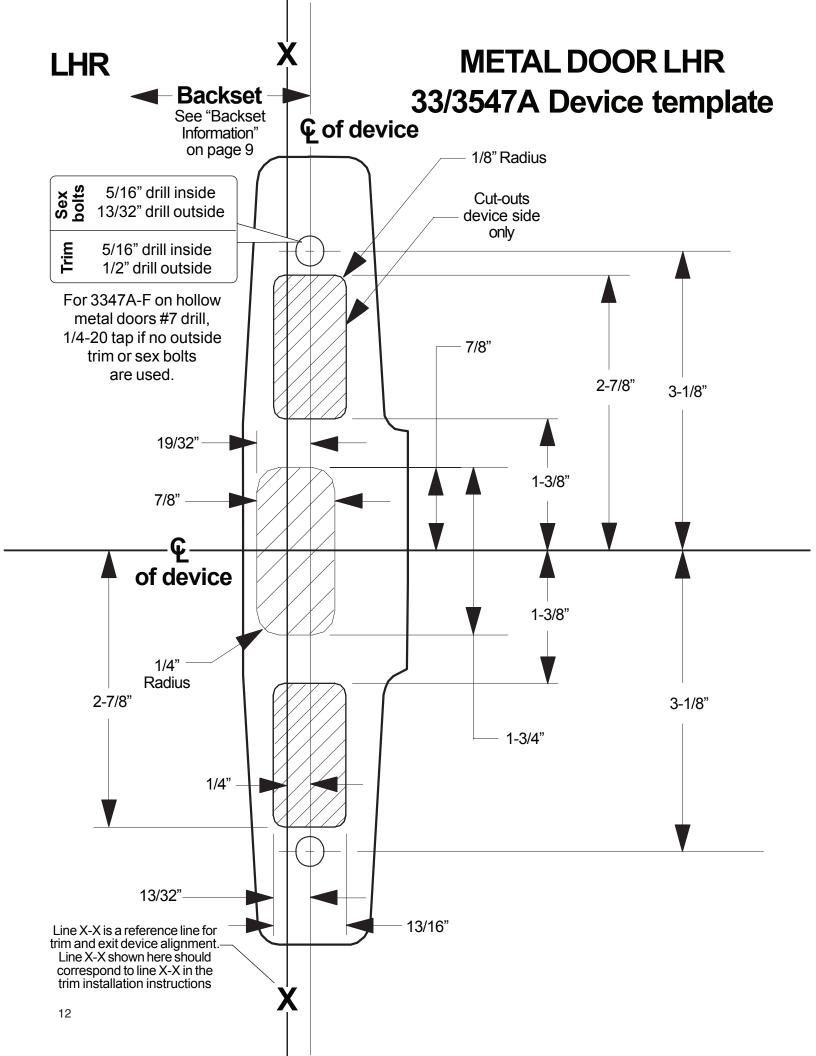
SPECIAL INSTRUCTIONS FOR 2" STILE DOORS



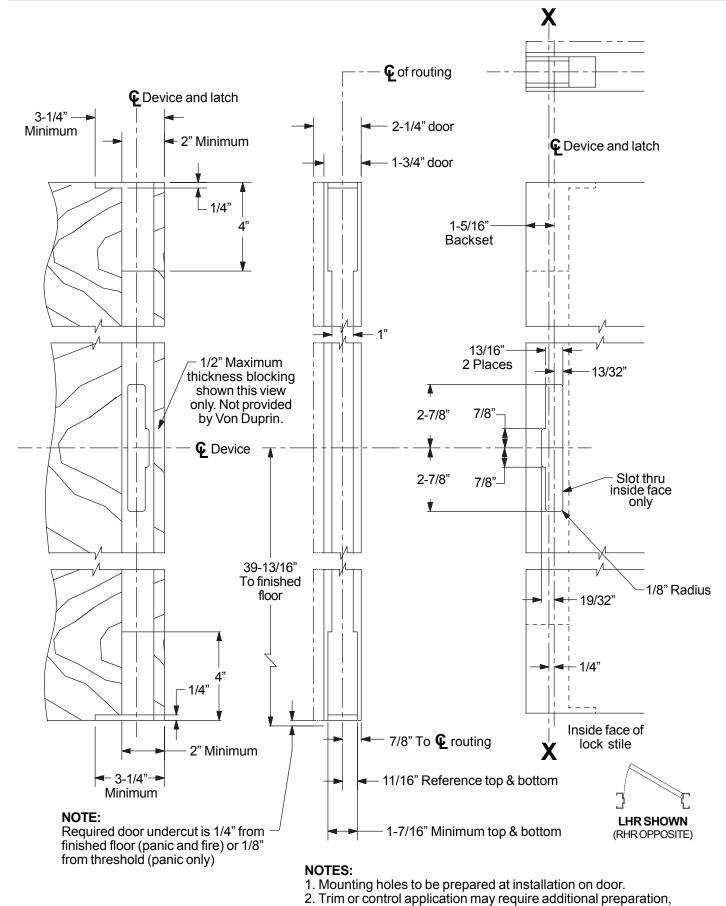
For 2" stile doors ONLY! Latch \mathcal{Q} is offset 1/8" from Device \mathcal{Q} as shown

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WOOD DOOR PREPARATION - DOOR ROUTING



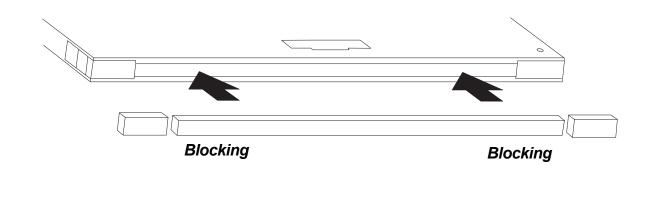
see trim or control instruction sheet.

3. Door edging should be installed after device installation.

WOOD DOOR PREPARATION - DOOR BLOCKING AND WRAP

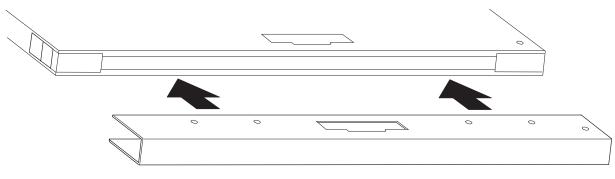
A. Install door blocking. See page 13 for door blocking dimensions.

Note: If not using door wrap, the blocking can be installed after device is installed.

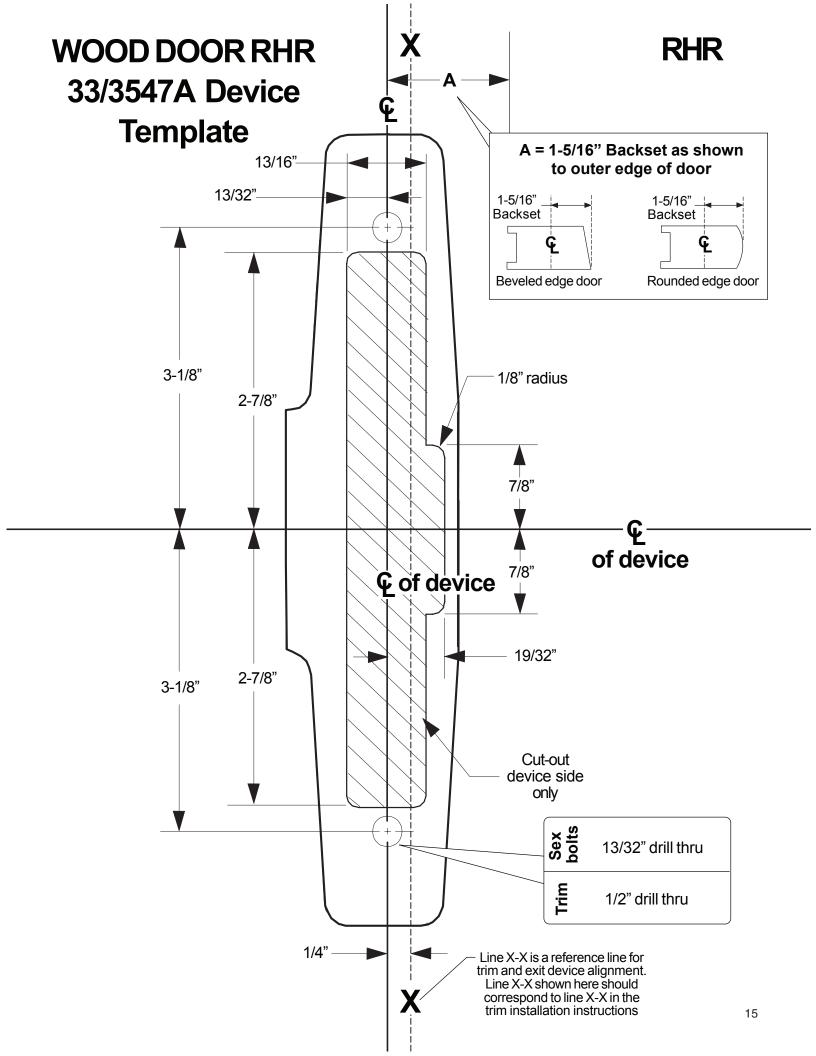


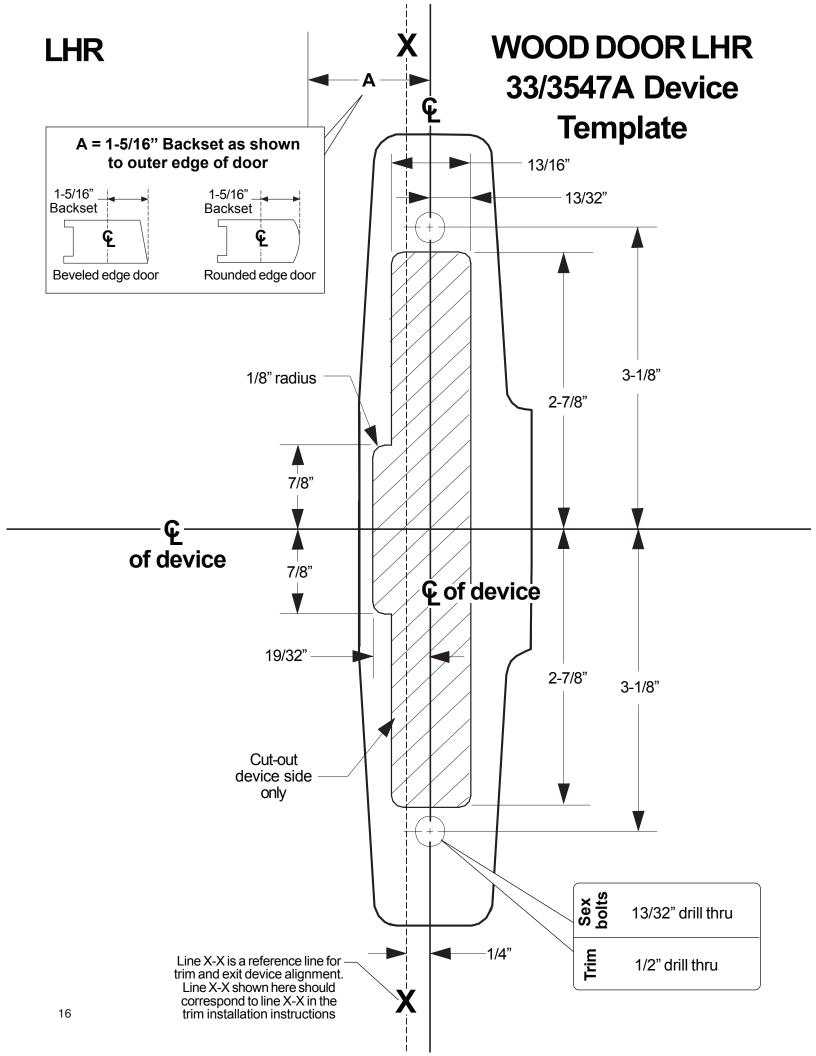
B. Install door wrap if needed. Door wrap is required for Fire rated (F) devices.

Note: Required on fire doors only, not supplied by Von Duprin (See door manufacturer's requirements)



Door wrap







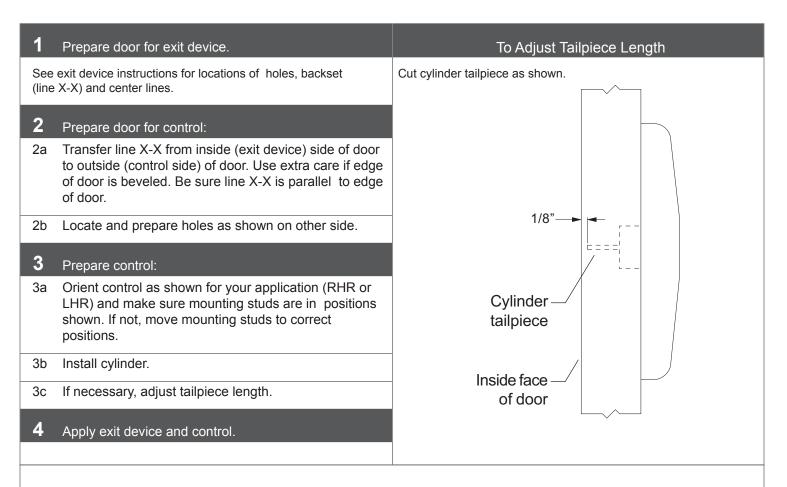
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Cylinder Control

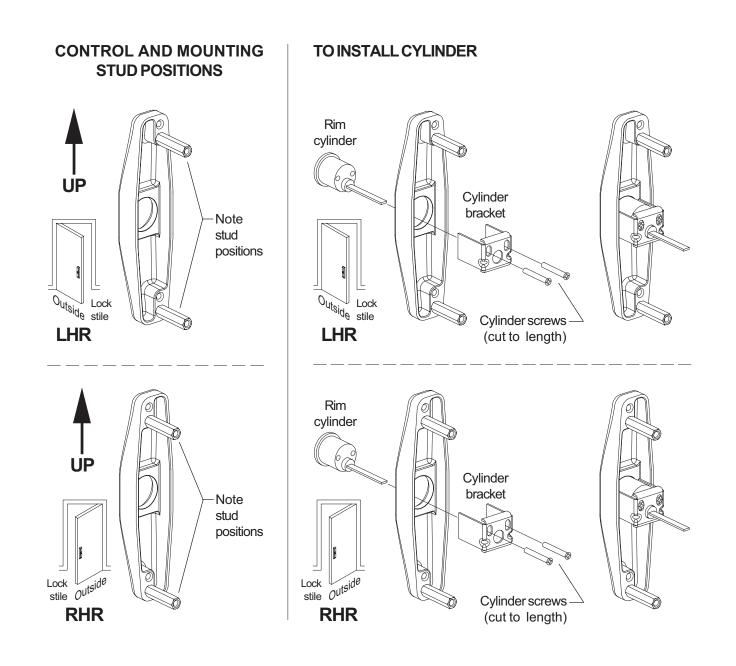
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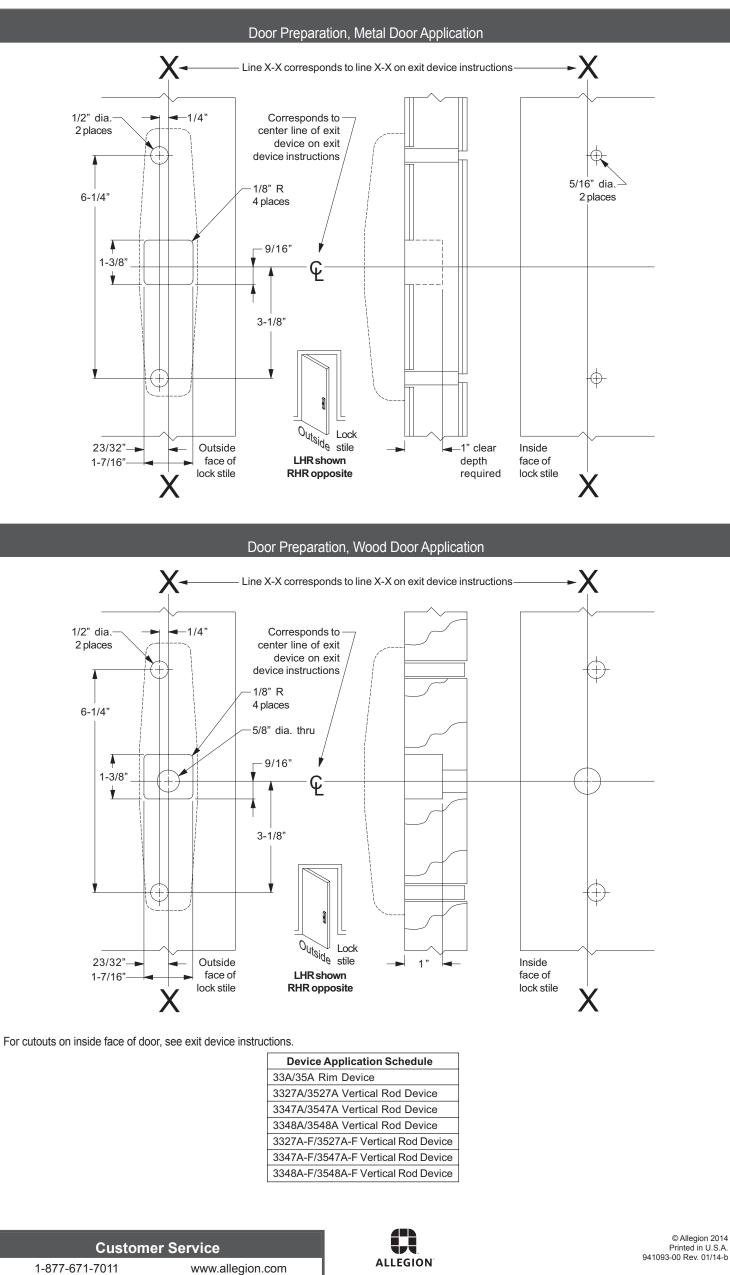
VON DUPRIN.

Installation Instructions



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