

# 680F, 681F and 684F Exit Device

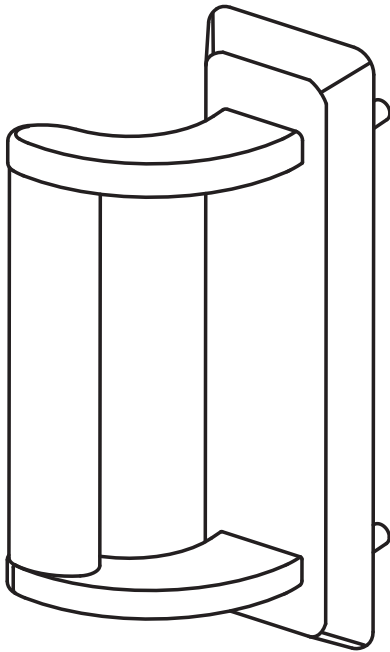
## Trim

### Installation Instructions

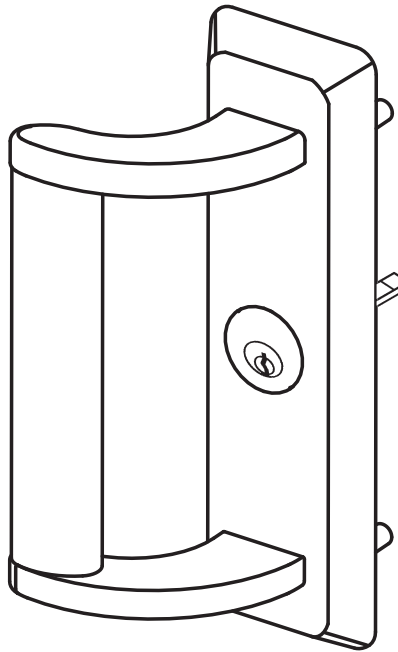
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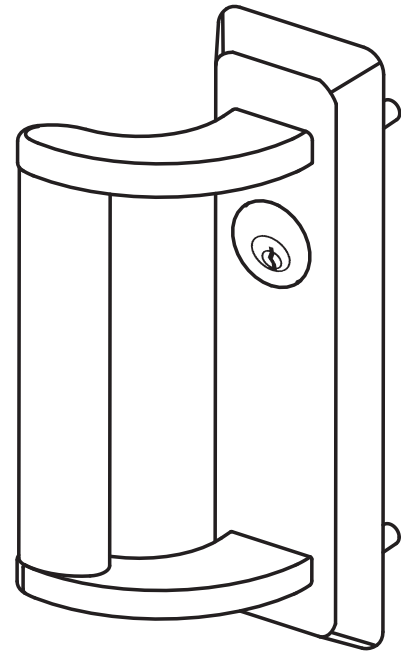
For use with 7100 Series Exit Device (Wood and Metal Doors)



**680F**  
Offset Pull Trim  
Handed - LHR Shown  
(Field Reversible)



**681F**  
Nightlatch Function  
Offset Pull Trim  
Handed - LHR Shown  
(Field Reversible)



**684F**  
Mortise Nightlatch Function  
Offset Pull Trim  
Handed - LHR Shown  
(Field Reversible)

For Handing, see "Trim Assembly" on page 2.

#### **⚠ WARNING**

This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov).

#### **⚠ WARNING**

Attention Installer: Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and ASSA ABLOY makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire-rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

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#### Trim Assembly

1. **Check cylinder components.**

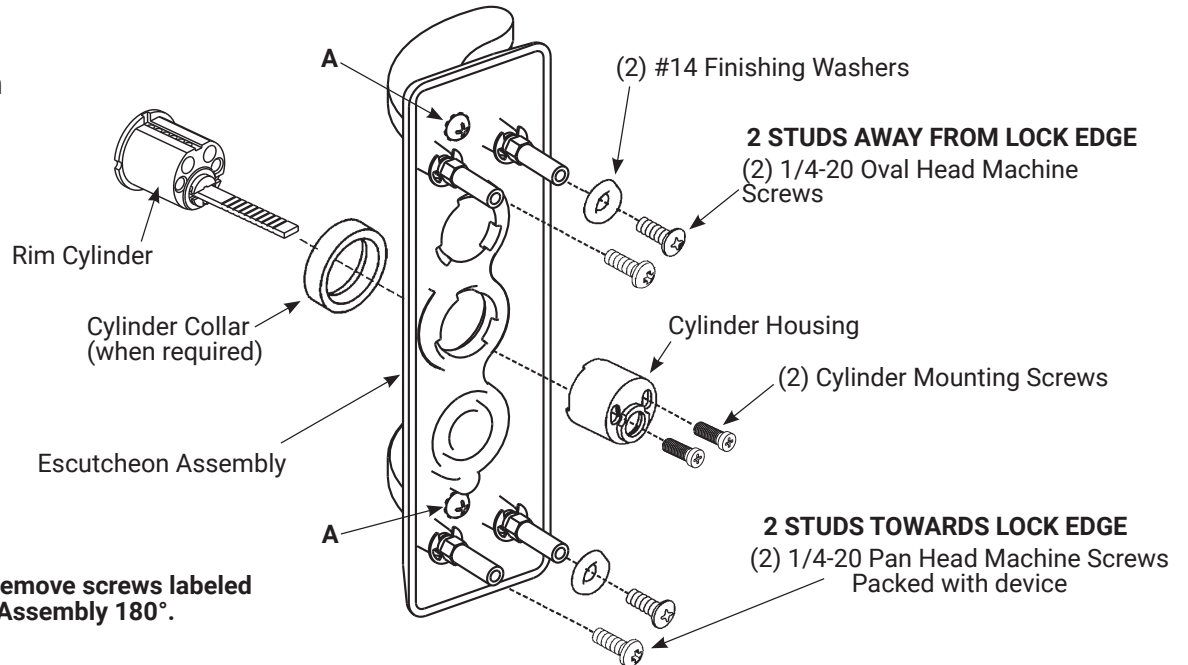
**Note:** Refer to ASSA ABLOY cylinder chart in catalog for collar sizing.

2. **Assemble cylinder.**

- Insert cylinder housing prongs into matching notches of escutcheon. Pass cylinder tailpiece thru cylinder collar (when required) and hole in cylinder housing.
- Fasten cylinder using (2) mounting screws. **DO NOT OVERTIGHTEN SCREWS.**

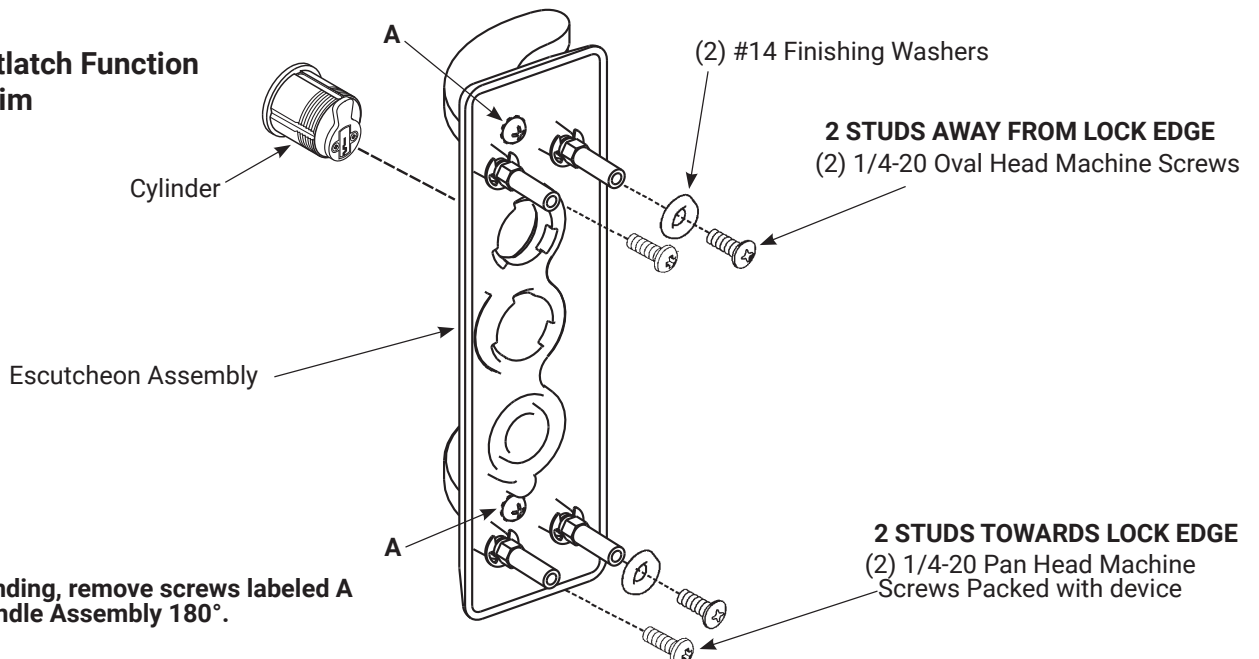
#### 681F

#### Nightlatch Function Offset Pull Trim



#### 684F

#### Mortise Nightlatch Function Offset Pull Trim

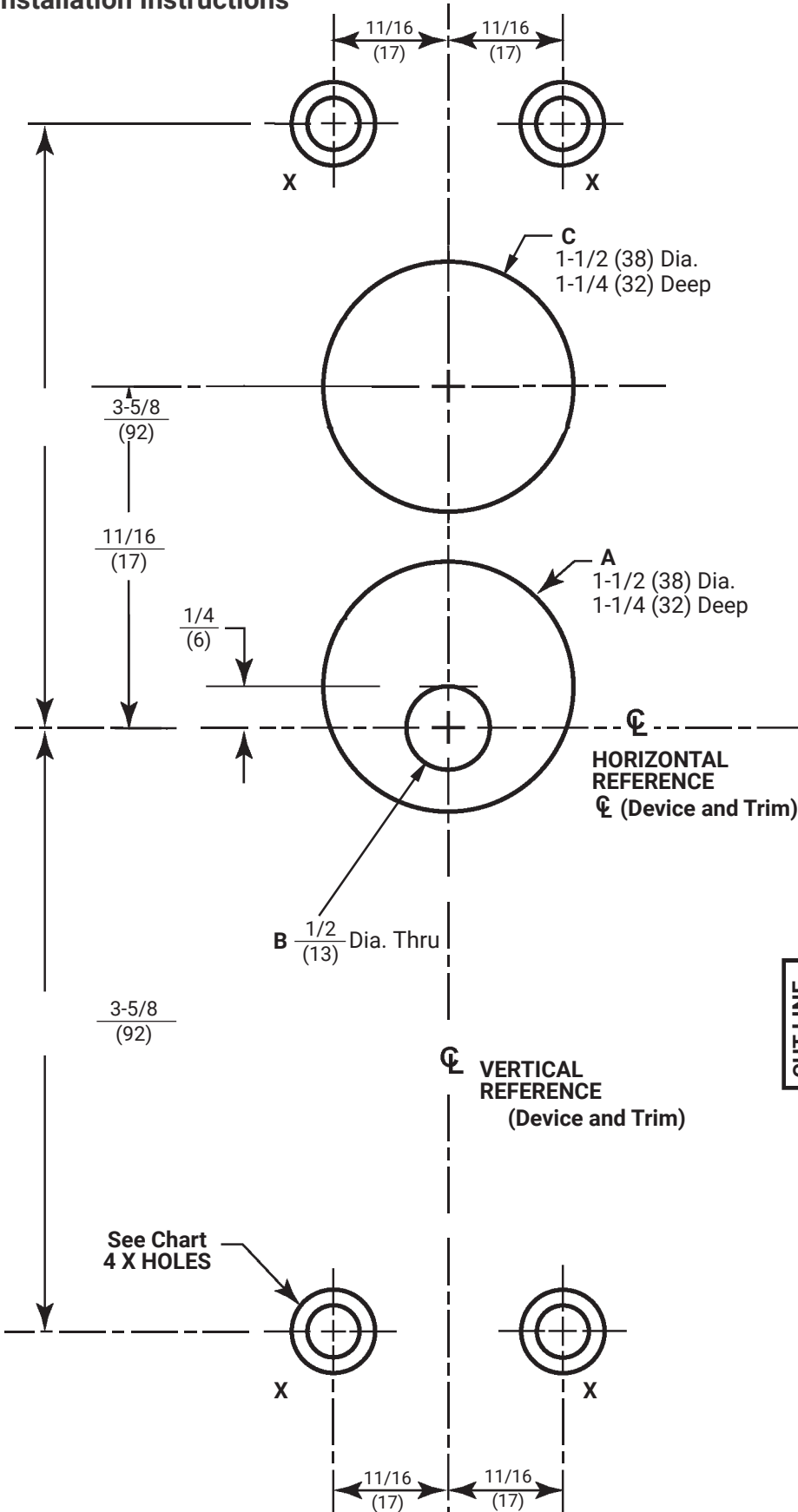


# 680F, 681F and 684F Exit Device

## Trim Installation Instructions

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TRIM	HOLES
680F	X
681F	A, B, X
684F	C, X
<b>For Holes Marked X See Below</b>	
<b>METAL DOORS</b>	
Inside Face: 5/16" (8) Dia.	
Outside Face: 1/2" (13) Dia.	
<b>WOOD DOORS</b>	
1/2" (13) Dia. Thru	

Dimensions given in  $\frac{\text{Inches}}{\text{(mm)}}$

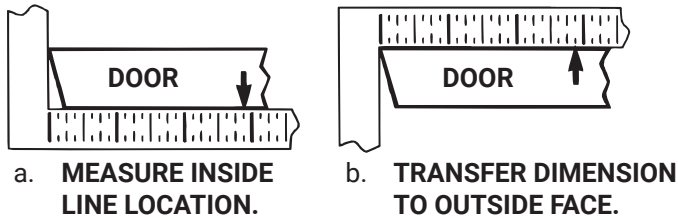
**⚠ Caution:** Office copiers and facsimile machines may change the size of a drawing and make the template inaccurate to use as a door marker. If this is not the original template packed with the trim, use only the holes on the door (do not use template as a door marker).

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## Installation Instructions

1. Check box for contents. See page 2 for components.
2. After marking door inside face for device location (Device Instructions), transfer Vertical Reference Centerline from inside to outside door face. Follow steps a and b below.

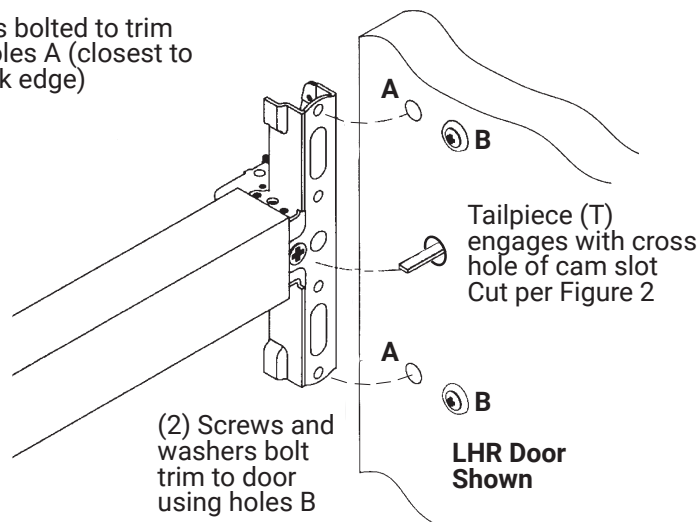


3. Transfer Horizontal Reference Centerline from inside to outside door face.
4. Align trim template and tape to outside door face.

5. Spot holes and prepare door for trim.
6. Mount trim to door thru holes B. Fasten finger tight only with (2) screws and washers seating on door as shown in Figure 1.
7. Continue according to trim type:
  - **For 681F Nightlatch Trim:** Cut trim tailpiece as shown in Figure 2. Seat device so that the trim tailpiece penetrates cam slot as shown in Figure 1.
  - **For 684F Mortise Nightlatch Trim:** Insert and thread cylinder into Mortise Lock until seated within escutcheon recess with keyway positioned vertically and with plug in lower cylinder as shown in Figure 3. Tighten cylinder locking screw thru mortise lock front.
8. Continue as shown in device instructions.

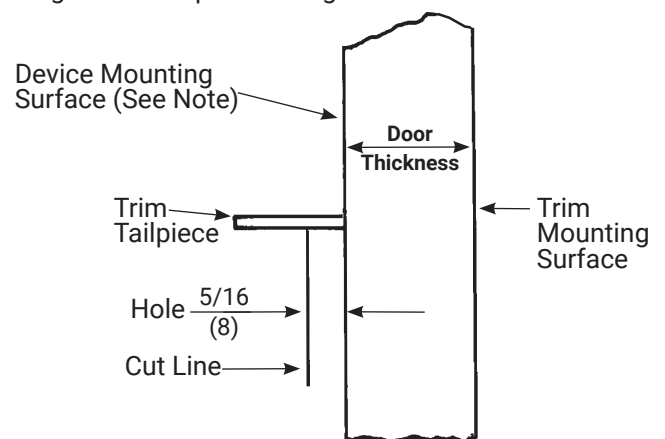
**Figure 1**

Device is bolted to trim using holes A (closest to door lock edge)



**Figure 2**

681F Nightlatch Tailpiece Sizing



**Note:** Measure from device mounting surface (door face or shim surface)

**Figure 3**

684F Mortise Cylinder Installation

