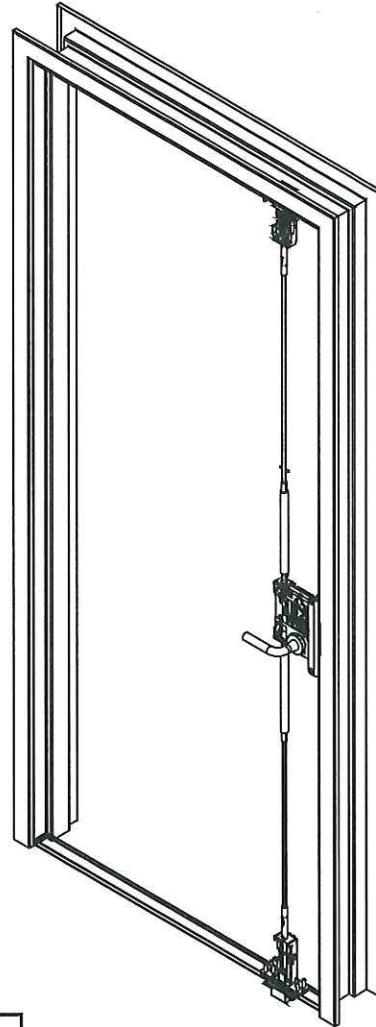


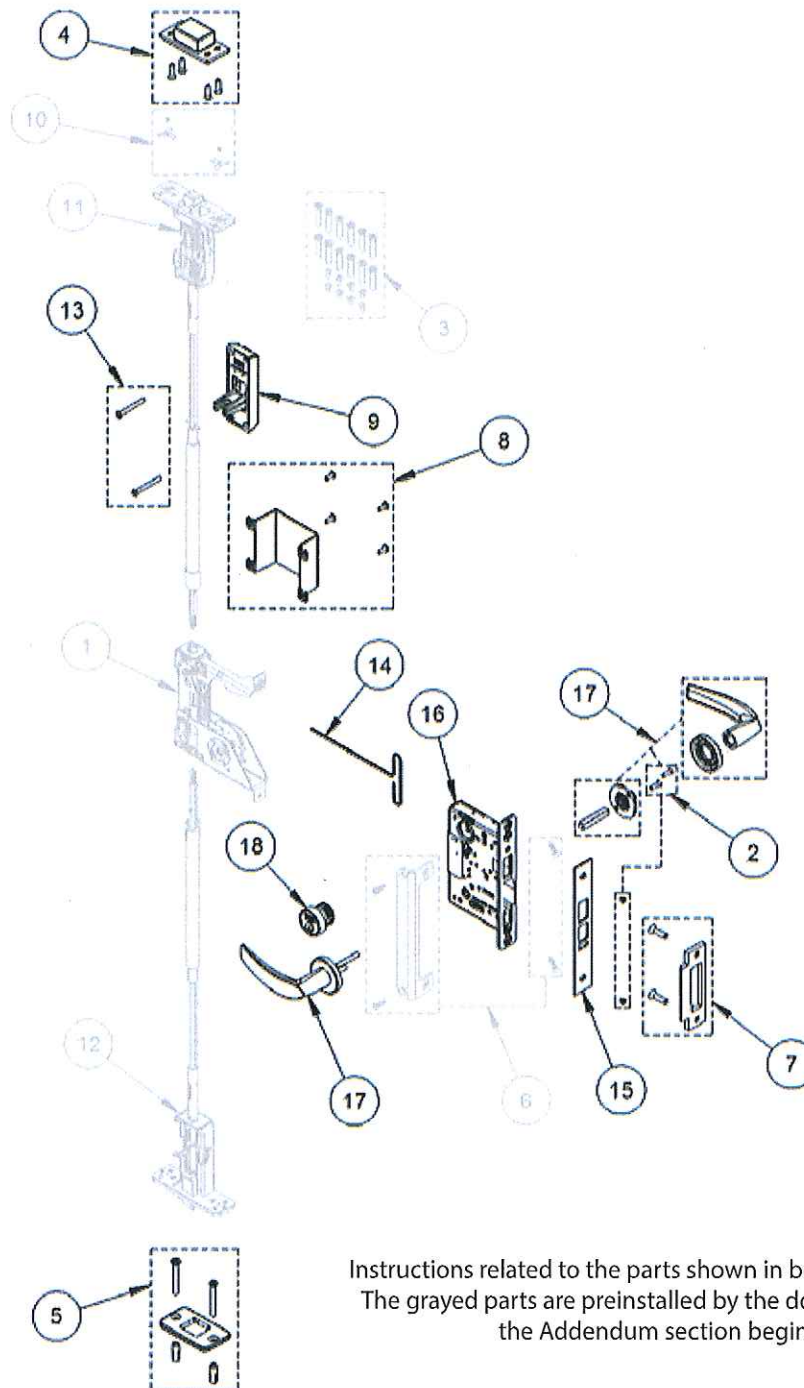
Multi-Point Lock

FE6600 Series



IMPORTANT!

The latches, rods and cassette are pre-installed.
This product must be installed by
a factory trained technician.

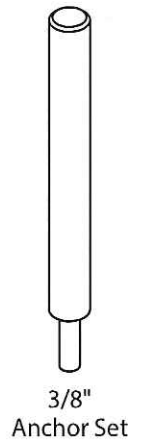
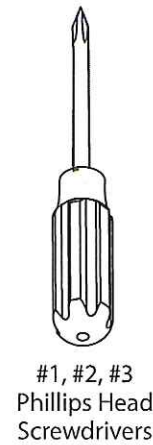
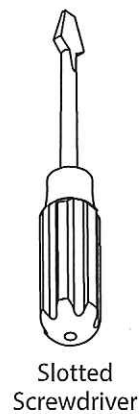
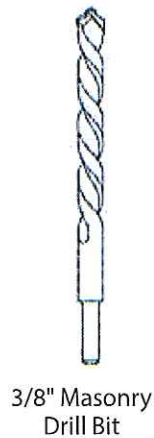
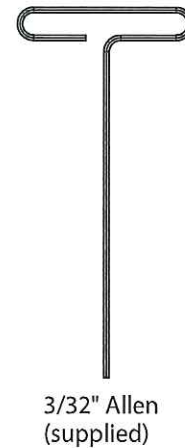
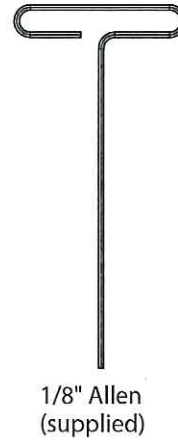
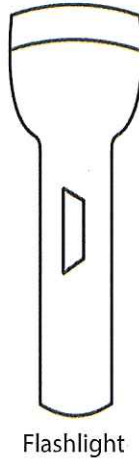
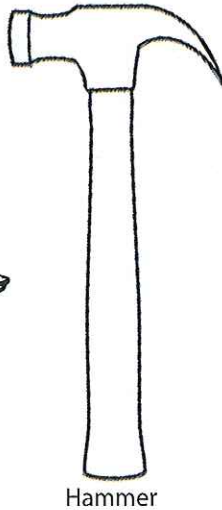


Instructions related to the parts shown in bold are provided on pages 1-12.
The grayed parts are preinstalled by the door manufacturer and relate to the Addendum section beginning on page 13.

	PART NUMBER	DESCRIPTION
1	726F528	MULTIPOINT CASSETTE
2	726F558	TRIM MOUNTING SCREW PACK
3	726F567	TOP/BOTTOM CASE MOUNTING SCREW PACK
4	726F577	TOP STRIKE PACK
5	726F587	BOTTOM STRIKE PACK
6	726F597 19	MORTISE MOUNTING/REINFORCEMENT PACK
7	726F607 19	CENTER STRIKE PACK
	726F618 19	IN/PN INSIDE COVER SHIELD PACK
	726F628 19	HARMONY INSIDE COVER SHIELD PACK
	726F638 19	PASSPORT INSIDE COVER SHIELD PACK

	PART NUMBER	DESCRIPTION
9	726F643 FIN	DOGGING INDICATOR (INCLUDES ITEM 13) (SPECIFY FINISH)
10	726F658	SCREW RETAINER PACK
11	726F668LEN	TOP CASE AND ROD ASSEMBLY (SPECIFY DOOR SIZE)
12	726F678LEN	BOTTOM CASE AND ROD ASSEMBLY (SPECIFY DOOR SIZE)
13	726F687	DOGGING INDICATOR SCREW PACK (SPECIFY FINISH)
14	726F698	T-WRENCH, ADJUSTMENT
15	CONSULT FACTORY	OUTSIDE ARMOR FRONT
16	CONSULT FACTORY	MORTISE LOCK
17	CONSULT FACTORY	MORTISE TRIM
18	CONSULT FACTORY	CYLINDER

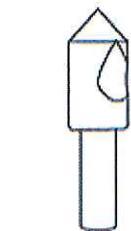
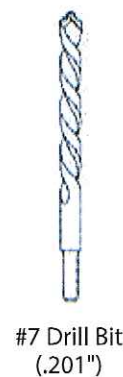
Tools Required



Tools Required for Electronic Access Control Shield



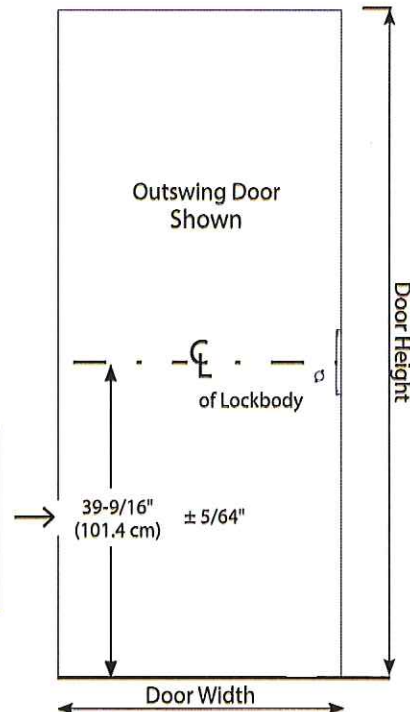
Tools Required for Dogging Indicator Option



1 Check Door

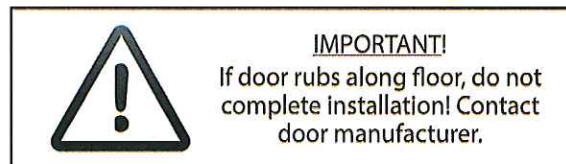
A. Verify door is:

- correct size and hand for opening.
- correctly prepared to Template 4740.



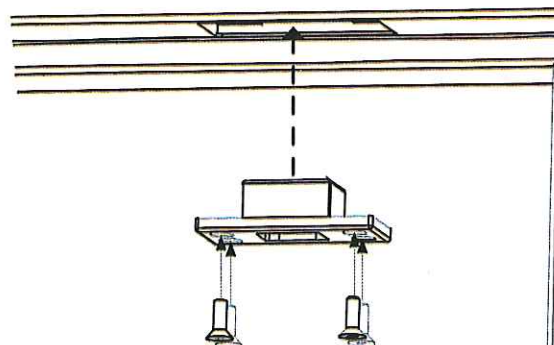
2 Door Installation

A. Hang door in frame.



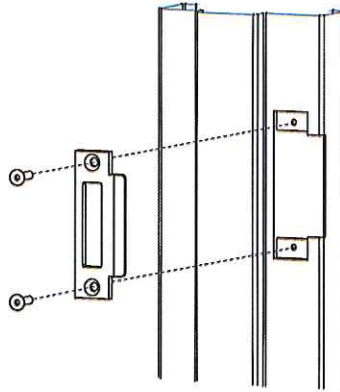
3 Install Top Strike into Door Frame

- Remove strike filler plate and screws and discard.
- Install four (4) #12-24 socket cap flat head screws.

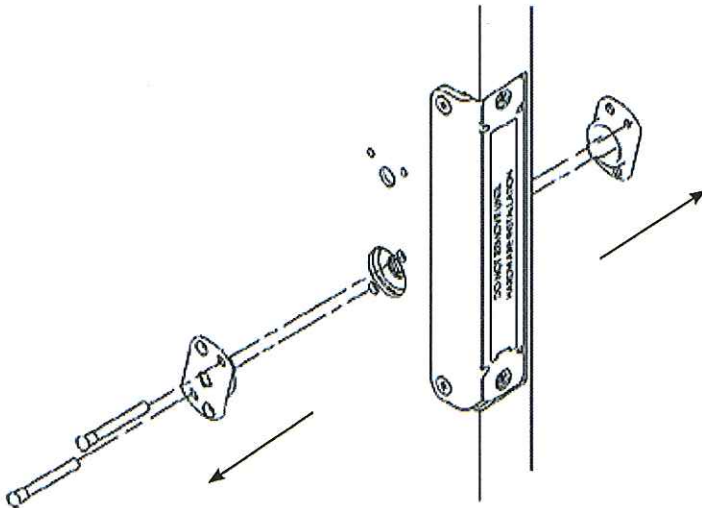


4 Install Center Strike into Door Frame

- A. Install two (2) ¼-20 socket cap flat head screws.



5 Remove Retractor Inserts

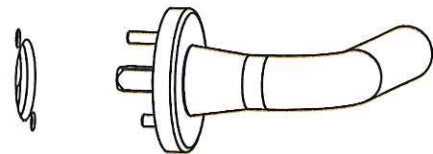


WARNING!

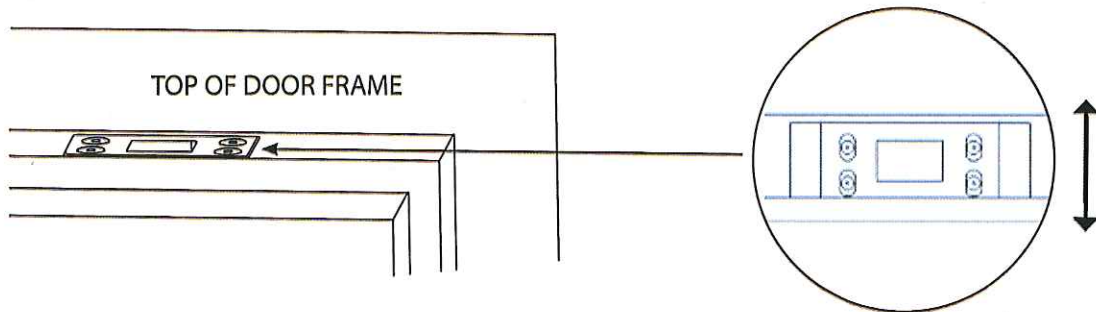
Door now has the ability to latch.

6 Check Latches

- A. Insert uninstalled outside mortise trim and rotate to verify top and bottom latches retract flush with door. Do not install mortise trim at this time.

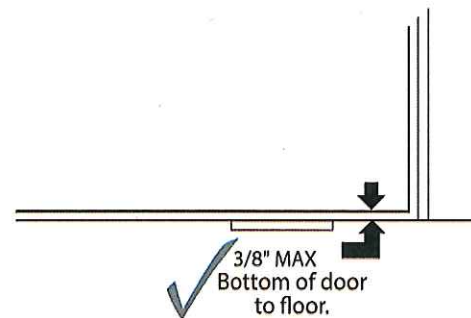
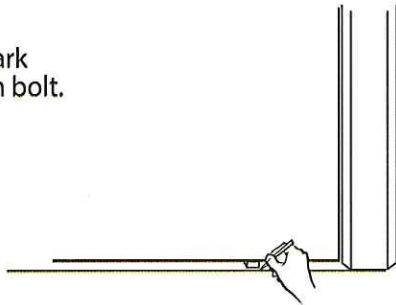


- B. Move top strike back and forth until top latch engages strike.

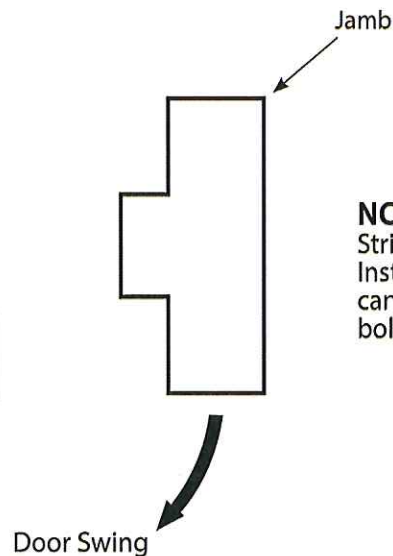
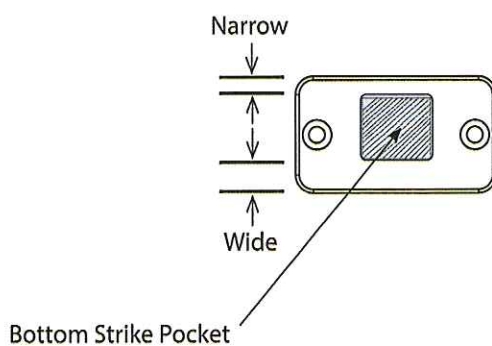


7 Install Bottom Strike

- A. Close door and mark location of bottom bolt.



- B. Open door and place strike over bottom bolt location. Mark location of bottom strike pocket and hole locations.



NOTE

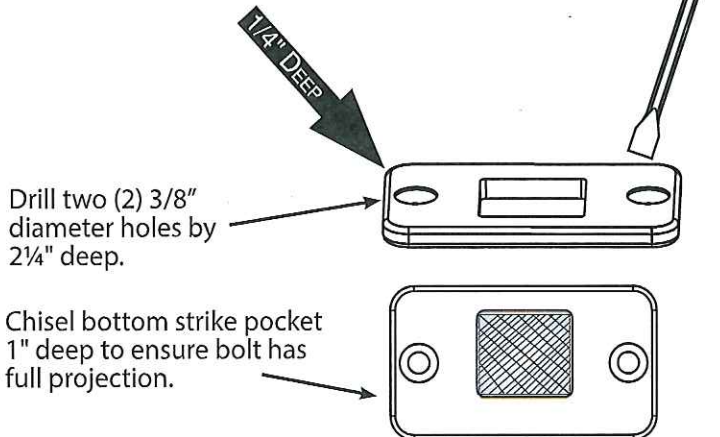
Strike is not symetric.
Install as shown. If needed, strike
can later be rotated to increase
bolt clearance.

C.

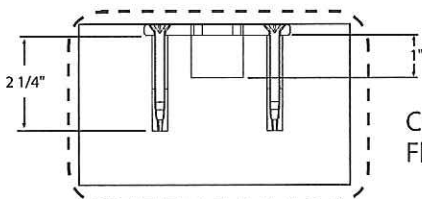
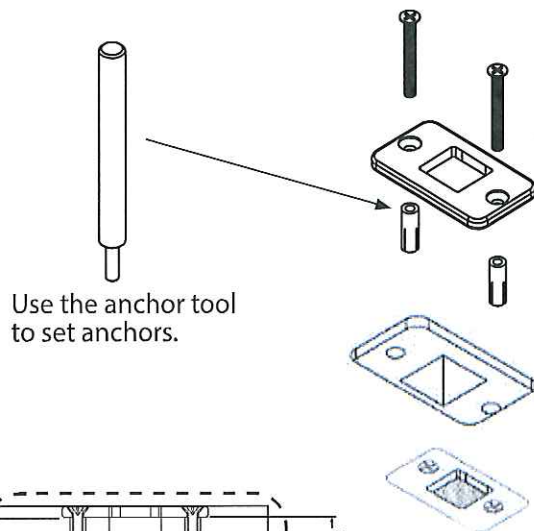
Flush Mount

(Optional for 3/8" door to floor gap)

Mortise strike into floor 1/4" deep.



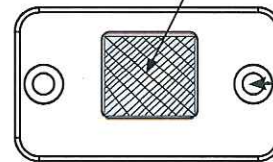
IMPORTANT!
Use vacuum or compressed air to clear holes of debris.



Cross Sectional View
Flush Mount

Surface Mount

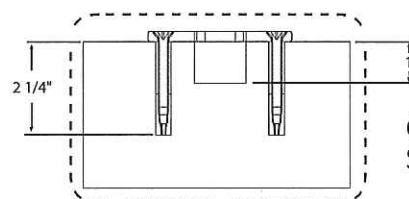
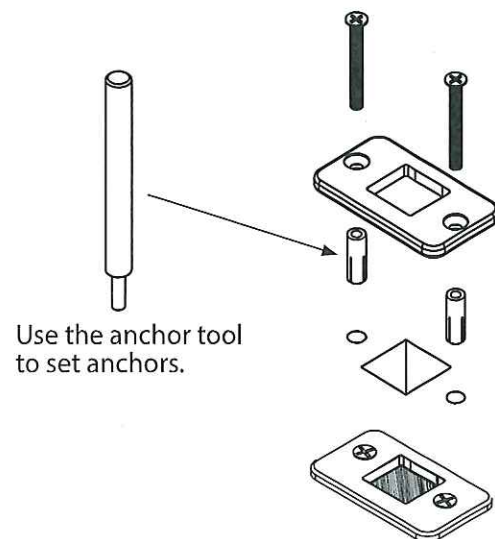
Chisel bottom strike pocket 1" deep to ensure bolt has full projection.



Drill two (2) 3/8" diameter holes by 2 1/4" deep.



IMPORTANT!
Use vacuum or compressed air to clear holes of debris.



Cross Sectional View
Surface Mount

- A. With the door hung, measure clearance between top and bottom bolts and strikes. (Figure A)

NOTE

If both measurements equal 1/16" proceed to Step 9, otherwise proceed with Step 8 as follows:

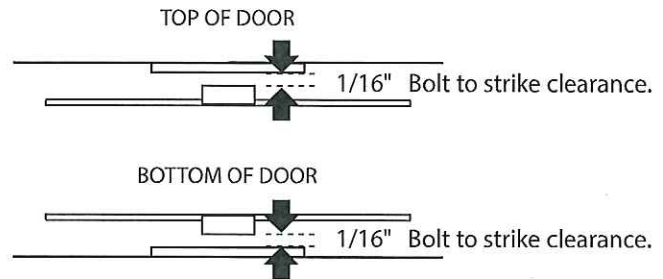


Figure A

- B. Remove mortise filler cap and discard. (Figure B)

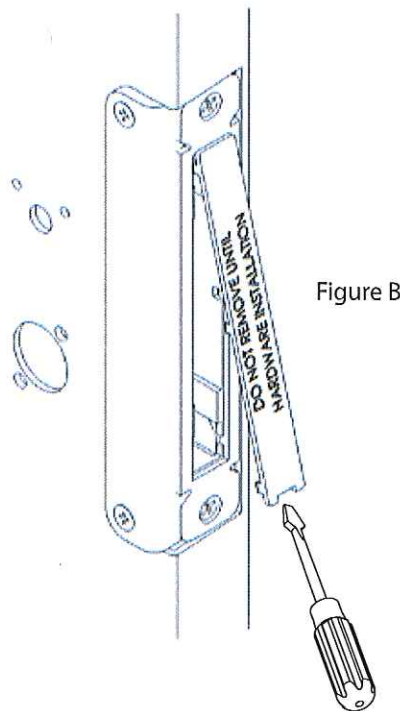


Figure B

- C. Retract latches by rotating lever and opening door. (Figure C)

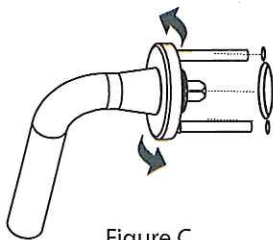


Figure C

- D. Using supplied 1/8" Allen wrench, loosen set screw 1/4 turn maximum (this allows hex rods to rotate during latch bolt adjustment. (Figure D)

Note location of set screws.

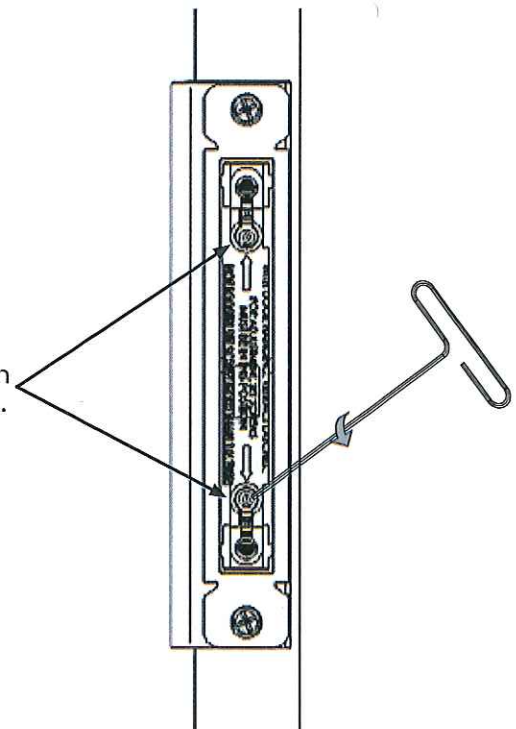


Figure D

- E. Using supplied 3/32" Allen wrench, rotate top or bottom worm gears according to directions below (Figure F). Bolt to strike clearance should equal 1/16". This sets bolt projection. (Figure E)

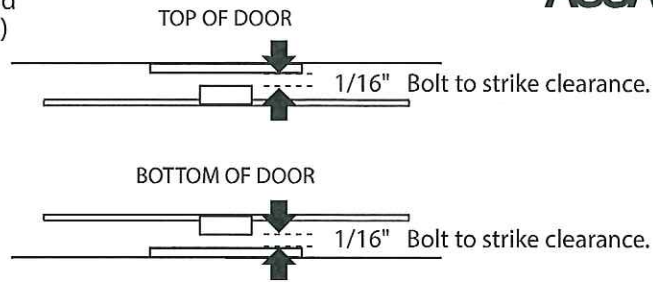


Figure E

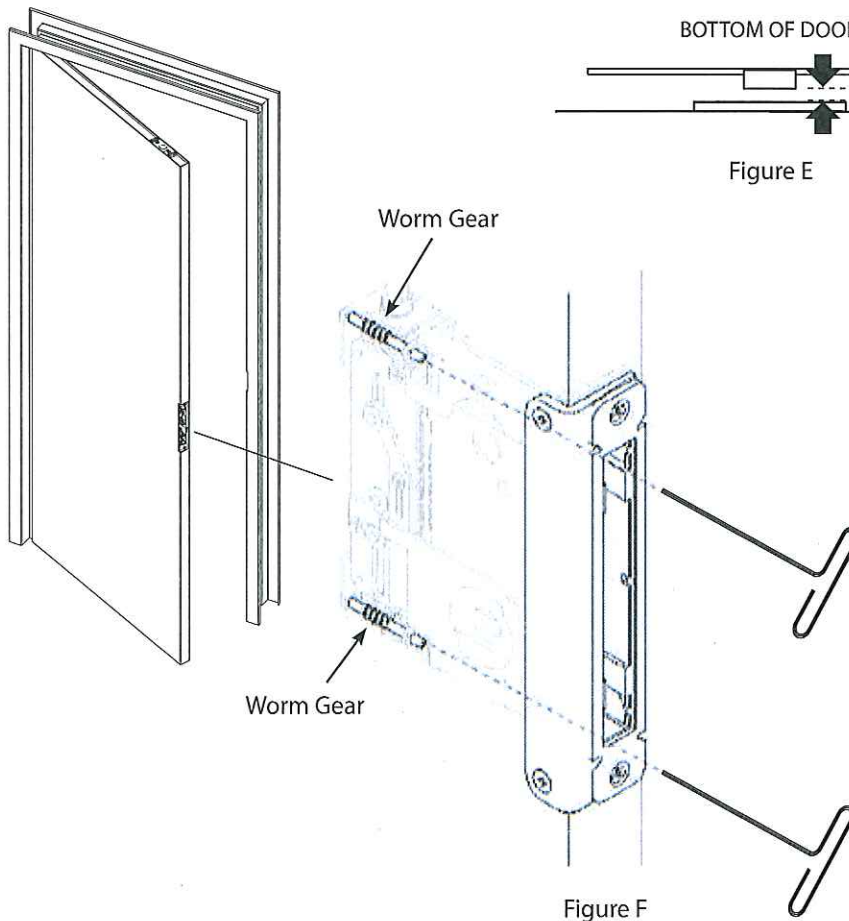


Figure F

NOTE

Ten (10) turns = approximately 1/16".

- Rotate top:
counterclockwise ↺ to project bolt.
clockwise ↻ to retract bolt.
- Rotate bottom:
counterclockwise ↺ to retract bolt.
clockwise ↻ to project bolt.

NOTE

Latches have bottomed if worm gears click.

- F. Tighten set screws. (Figure G)

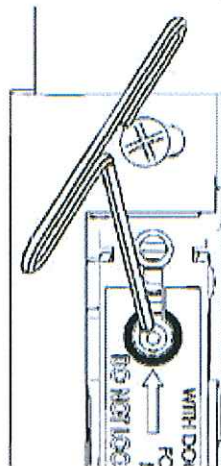
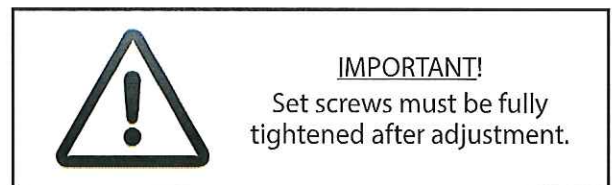


Figure G



9 Mortise Lock Install

A. Remove the two (2) #12-24 x1" flat head mounting screws. (Figure A)

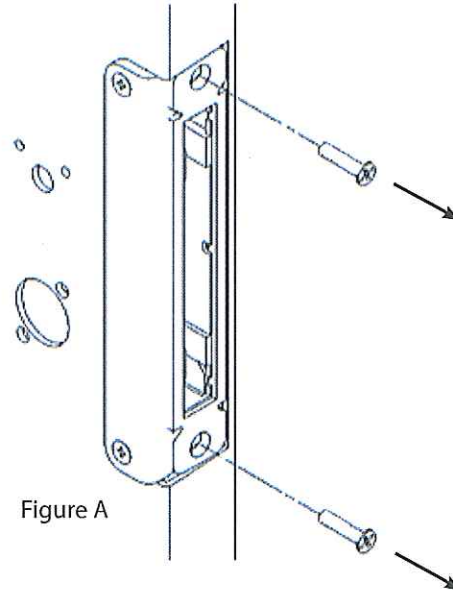


Figure A

B. Remove mortise lock filler and discard. (Figure B)

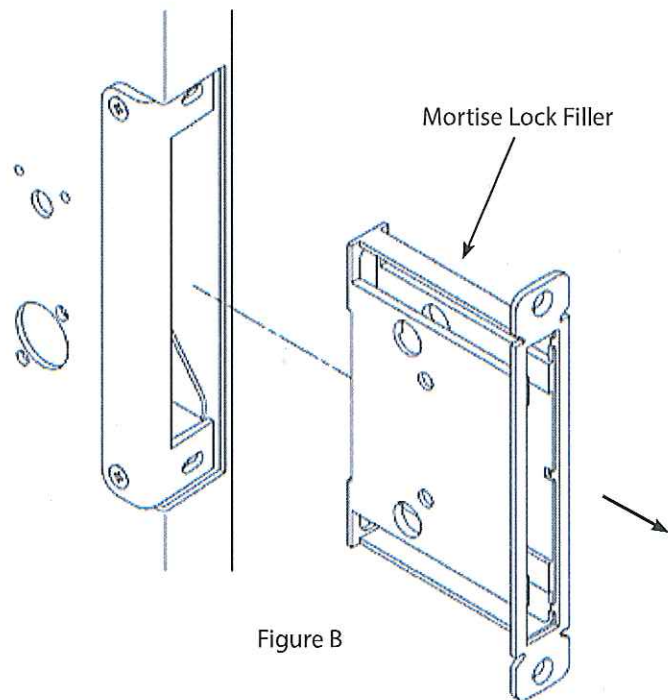


Figure B

C. Install mortise lock, two (2) #12-24 x1" flat head mounting screws, outside front, and two (2) #8-32 x1/4" flat head screws. (Figure C)

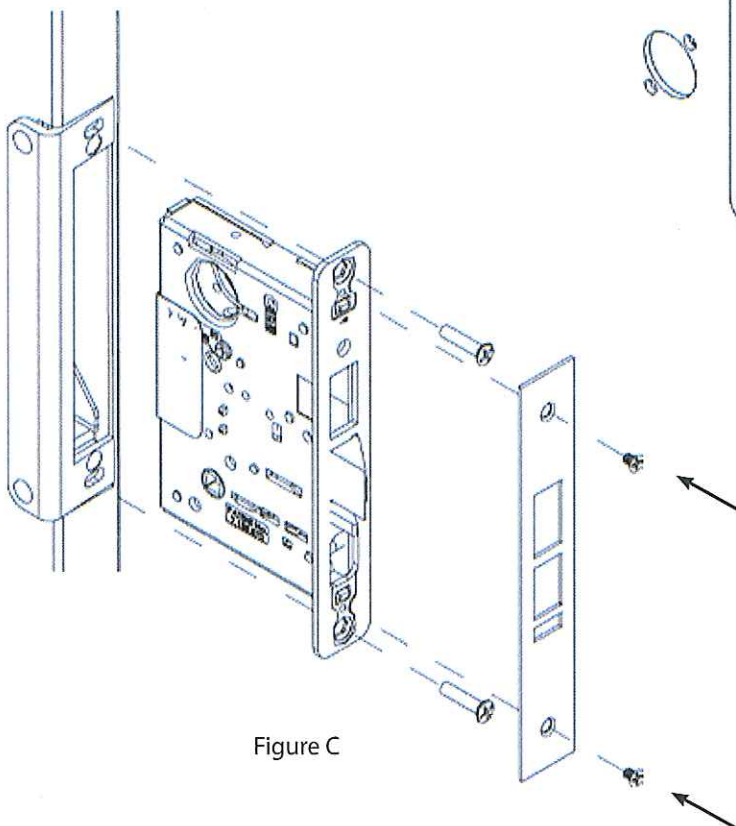


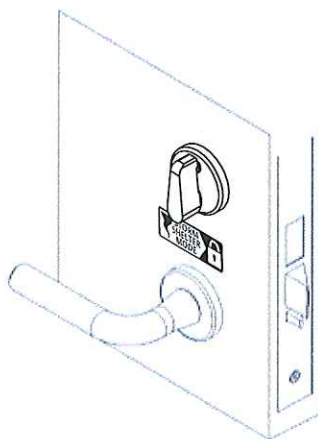
Figure C

10 Final Mortise Lock and Trim Installation

- A. Follow supplied mortise lock installation instructions for trim and other function related hardware.

11 Deadbolt Label Installation

- A. Install deadbolt label on inside of door.

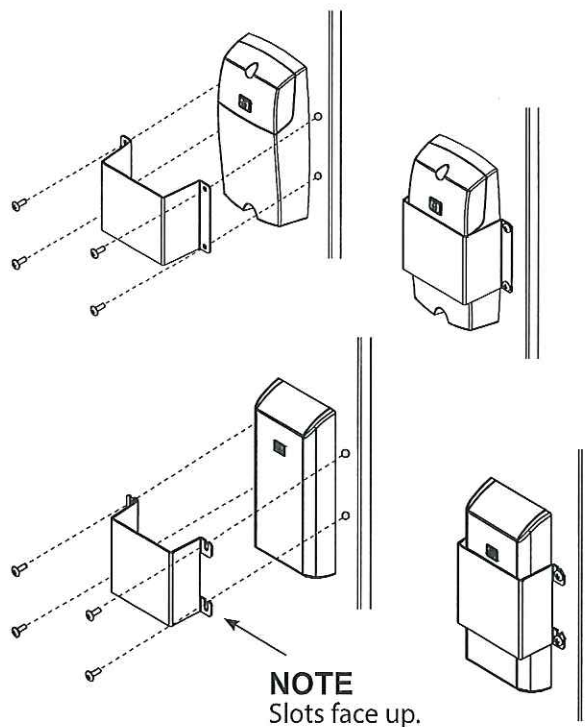


12 Electronic Access Control (EAC) Shield (if applicable)

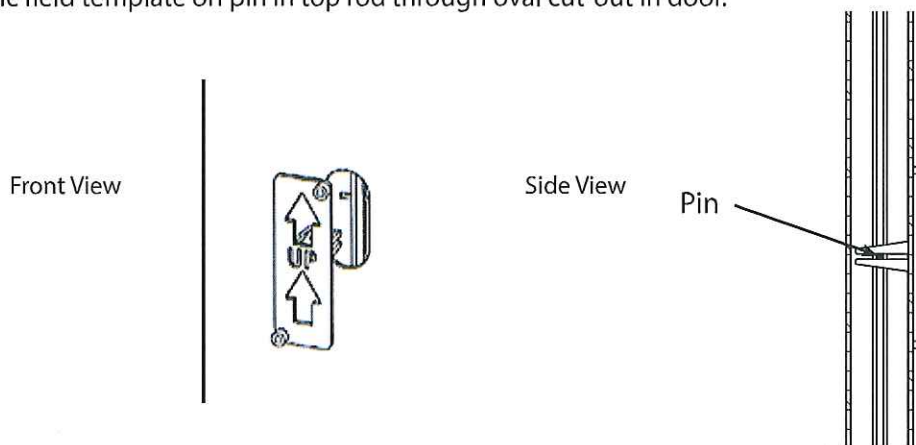
- A. Install shield (provided) over inside controller.
B. Drill and tap door for #8-32 machine screws (provided).



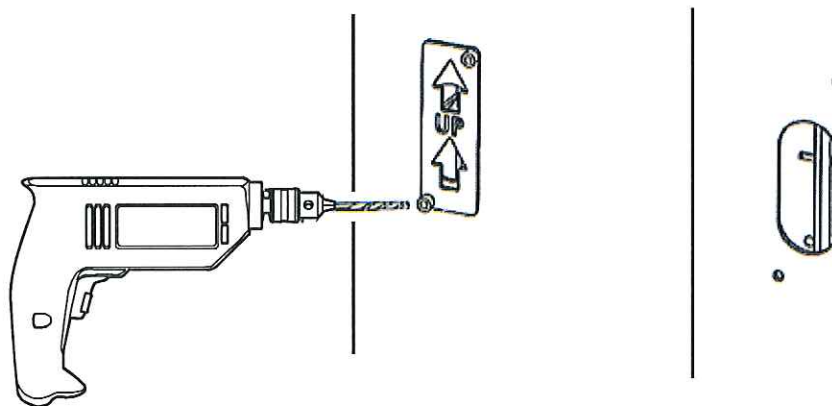
IMPORTANT!
Shield **MUST** be centered on
the controller.



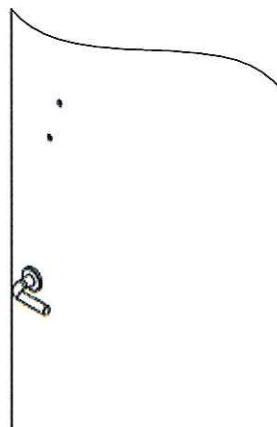
- A. Ensure door is latched and all bolts are projected.
- B. Place plastic field template on pin in top rod through oval cut-out in door.



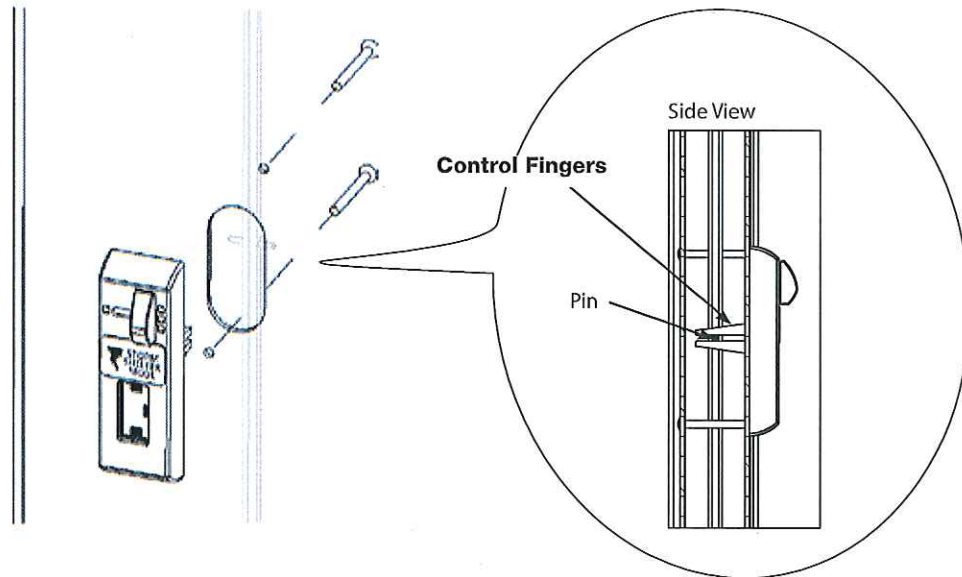
- C. Using a #7 drill bit, drill two (2) holes completely through door, making sure drill remains square to face of door.



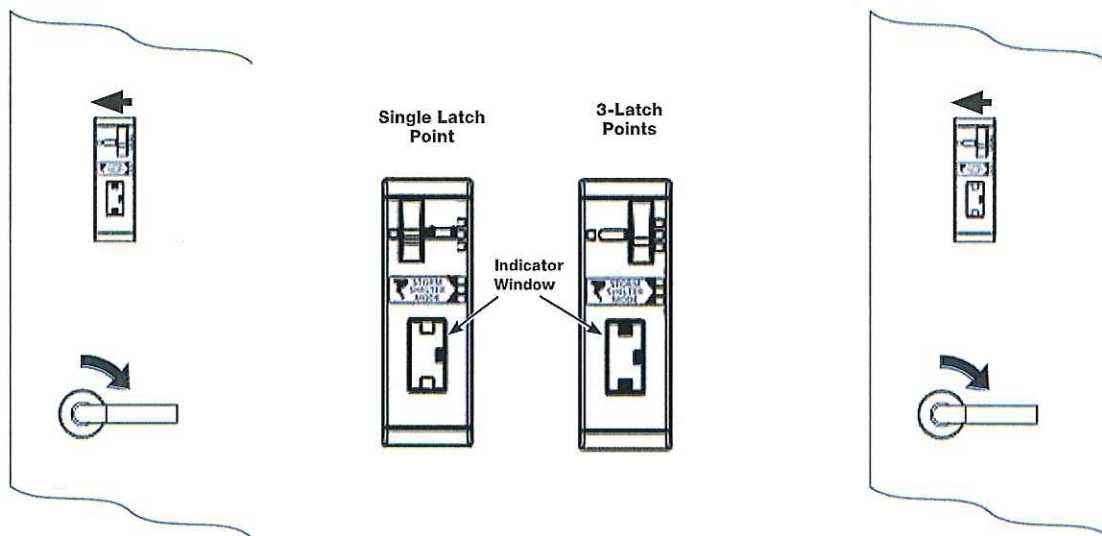
- D. Countersink holes on opposite face of door to fit supplied oval head screws.



- E. Install indicator on inside of door using supplied 10-24 x 2" oval head screws. Make sure control fingers grab top rod pin as shown.



- F. Check for proper operation. Rotate lever until indicator window shows single latch point.



NOTE

To dog top and bottom latches in retracted state, fully rotate lever and move slider on indicator to left.

Addendum

This addendum is to be used as a reference for pre-installed hardware (latches and cassette). The following steps are for ease of reference as they have been completed in advance by the door manufacturer.

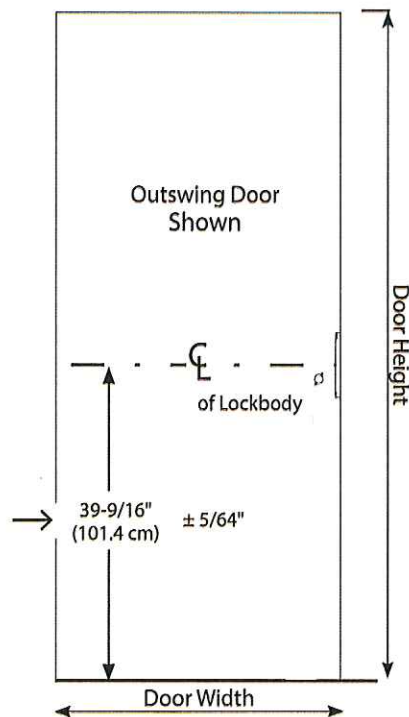
1 Check Door

A. Verify door is:

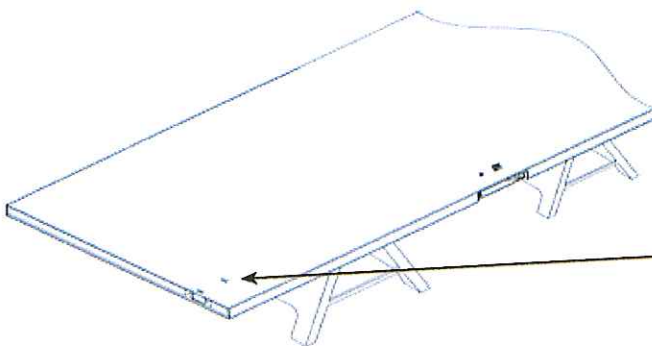
- correct size and hand for opening.
- correctly prepared to Template 4740.



IMPORTANT!
If measurement is incorrect,
DO NOT PROCEED WITH
INSTALLATION. Contact door
manufacturer.



2 Place Door Horizontal on Sawhorse

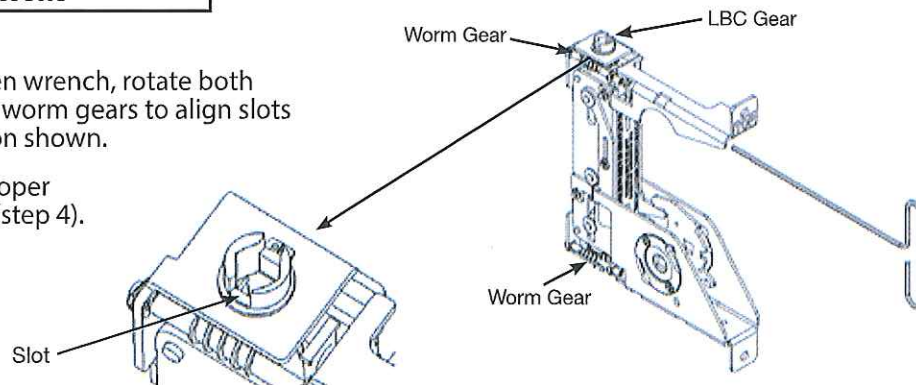


NOTE
Orient door face holes on top.

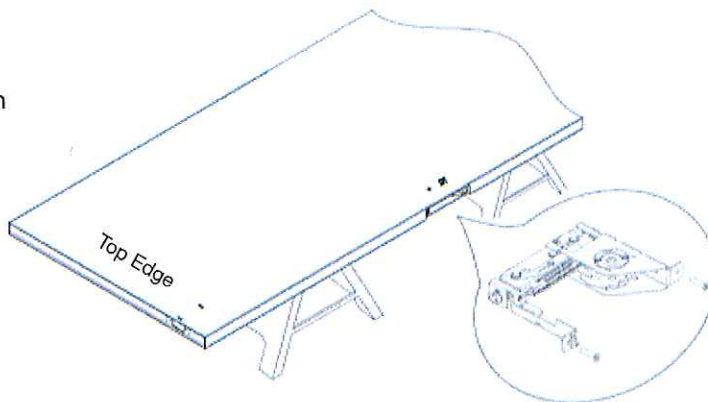
3 Install Lockbody Cassette

- A. Using supplied 3/32" Allen wrench, rotate both Lockbody Cassette (LBC) worm gears to align slots in LBC gears to orientation shown.

Alignment needed for proper installation of rod guide (step 4).

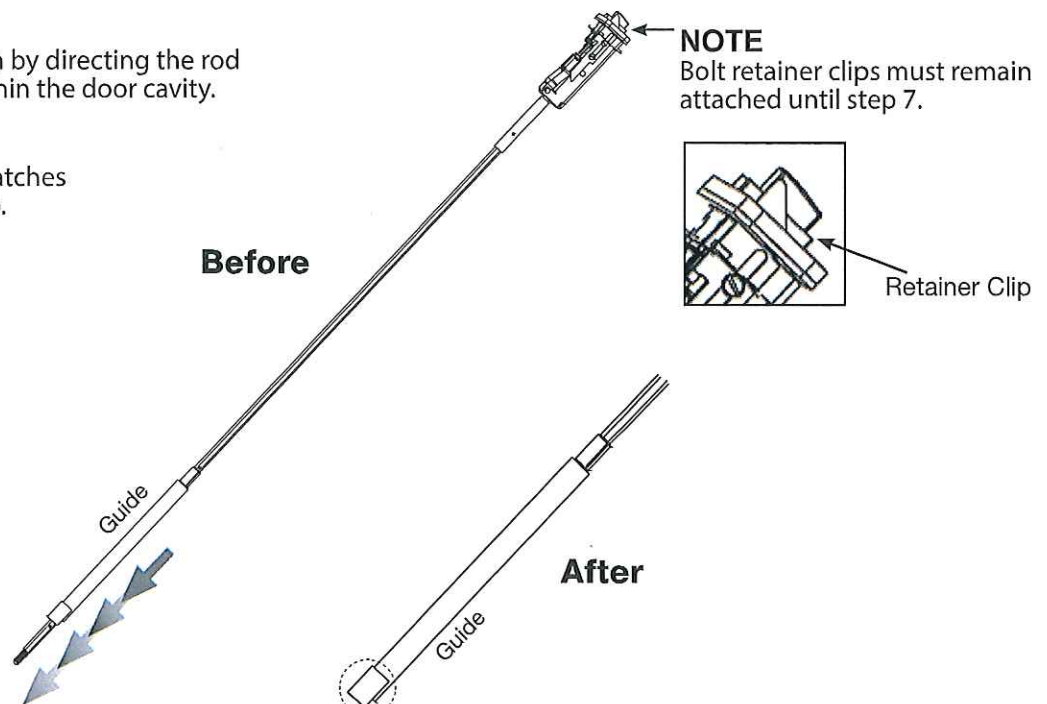


- B. Slide LBC into door case and secure with two (2) #12-24x1" flat head screws.



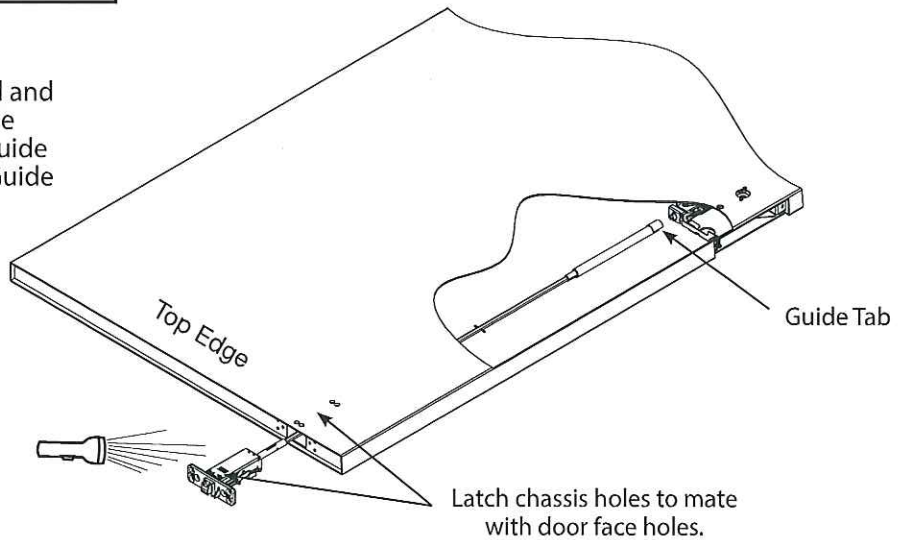
4 Latch Rod Guides

- A. Rod guides help installation by directing the rod into location in the LBC within the door cavity.
- B. Pull rod guides away from latches on both rods until they stop.



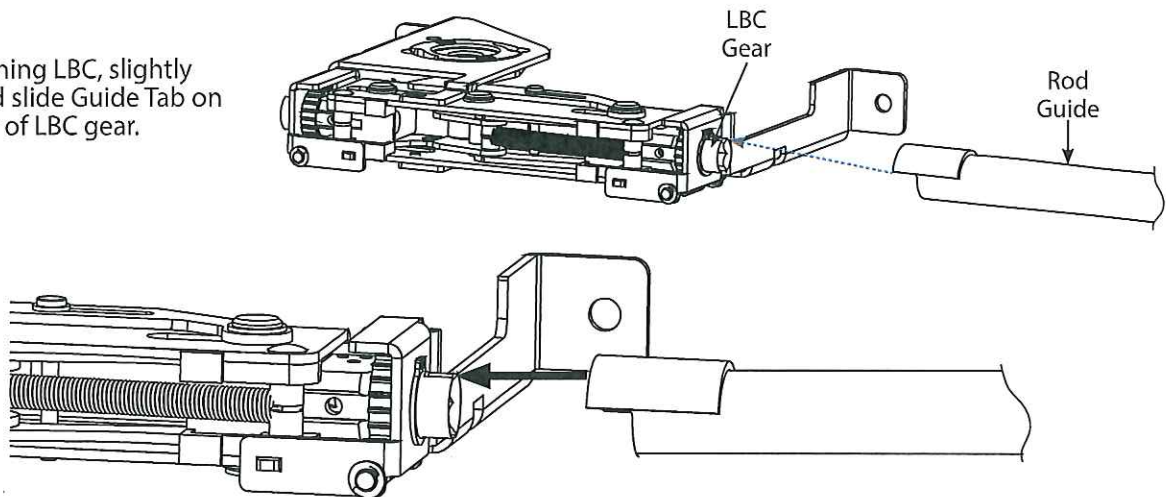
5 Feeding Top Rod into Door

- A. Orient latch chassis as shown. Rotate rod and rod guide so rod Guide Tab faces up. Slide rod assembly into door. Make sure rod guide remains in correct orientation with the Guide Tab facing up.

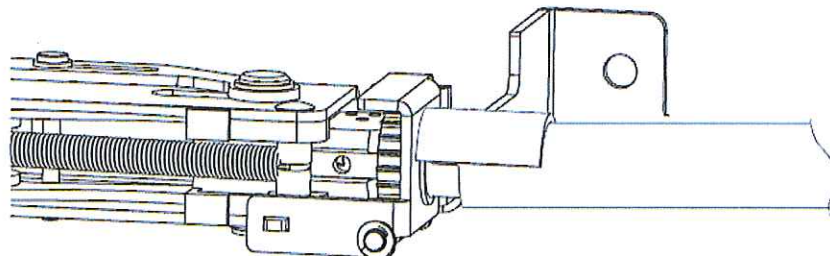


6 Align with LBC

- A. When approaching LBC, slightly elevate rod and slide Guide Tab on outer diameter of LBC gear.

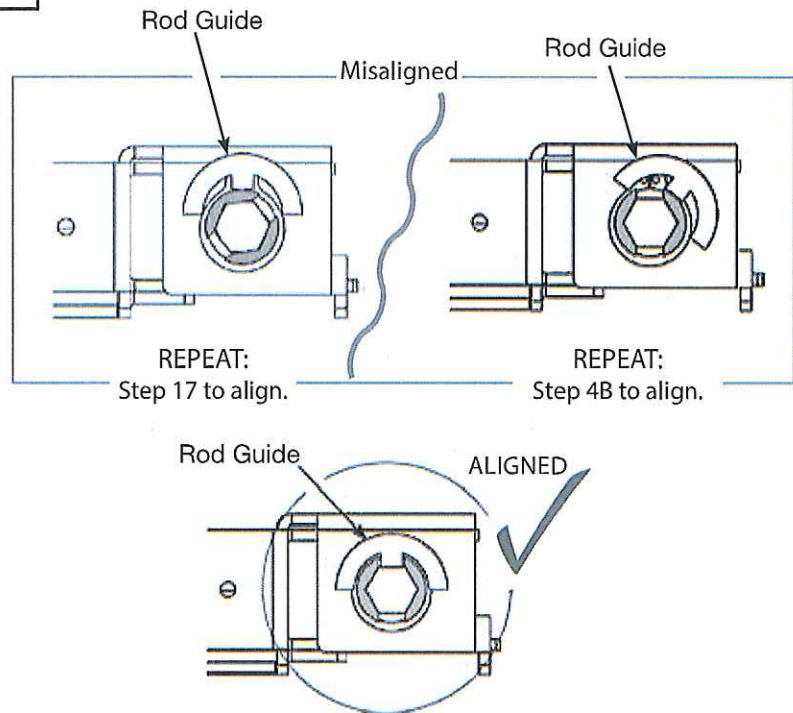
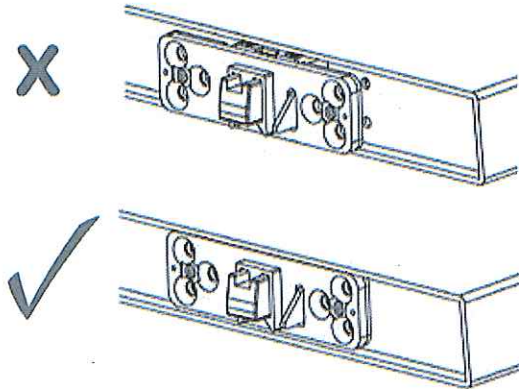


- B. To align hex of rod with hex of LBC gear, fit rod guide tab into LBC gear slot. Once aligned, push rod assembly in until fully seated.



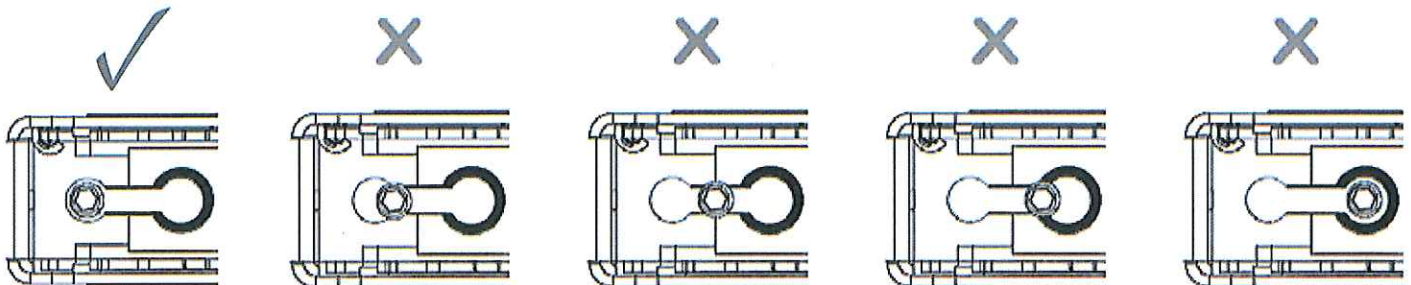
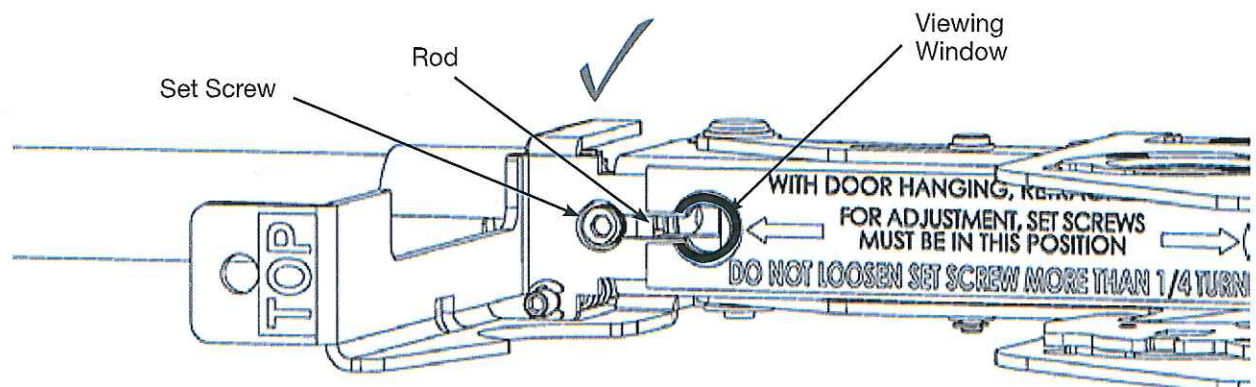
7 Troubleshoot Latch Installation

- A. If latch will not fully seat in door, rod or rod guide is not aligned properly with LBC gear.



8 Correct Rod Installation Check

- A. Be certain a portion of the red end of rod can be seen in LBC viewing window and set screw is in location shown.



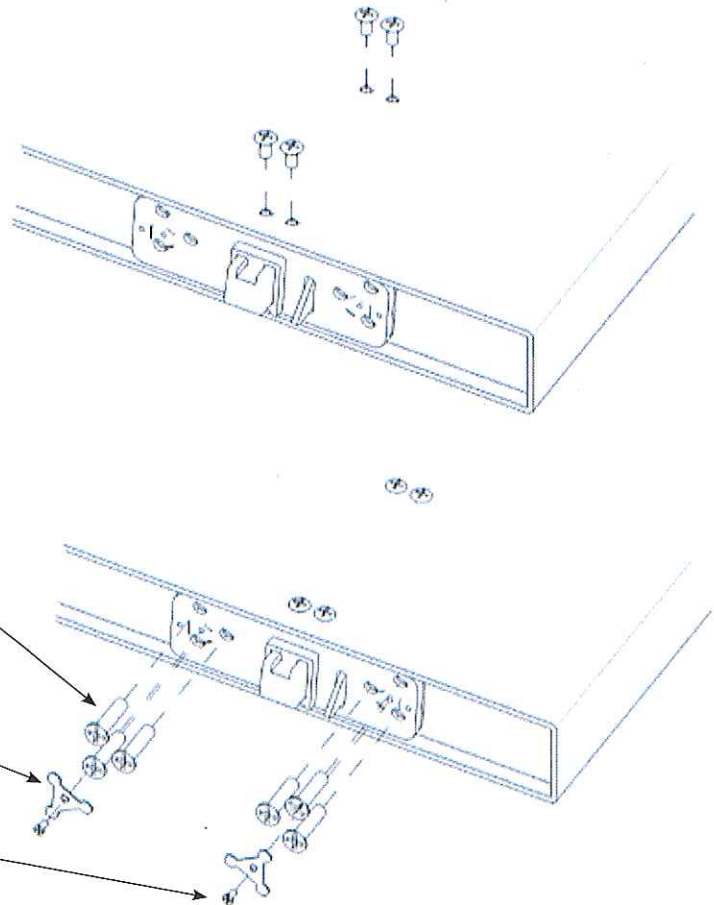
9 Secure Top Latch

- A. Install four (4) 10-24 oval head screws on face of door.
- B. Install six (6) 1/4-20 flat head screws in top edge of door.

NOTE

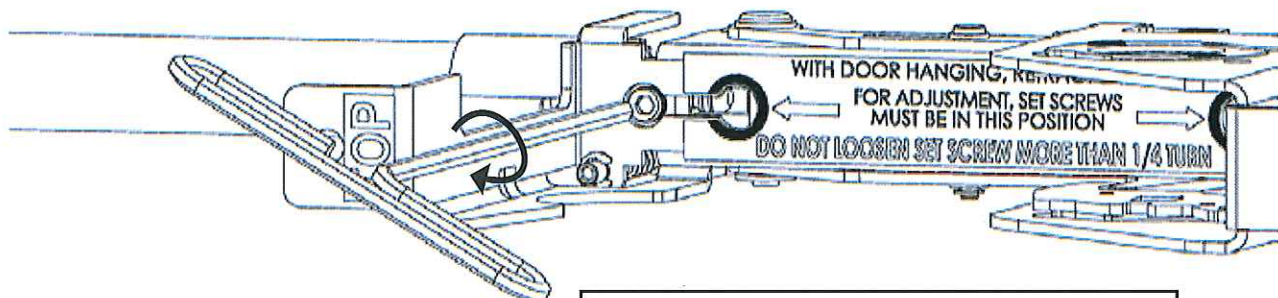
Do not fully tighten until all screws are installed.

- C. Install two (2) screw retainers (top latch only).
- D. Install two (2) #4-40 flathead screws (top latch only).



10 Tighten Set Screw

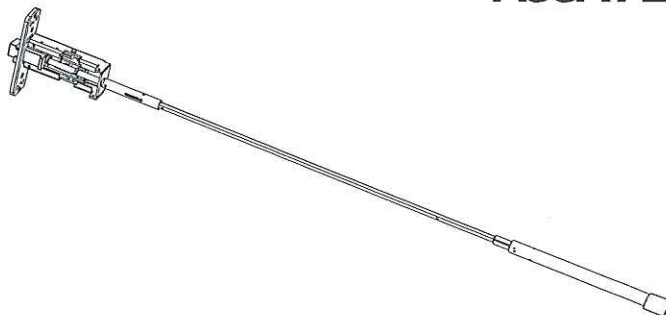
- A. Using supplied 1/8" Allen wrench, tighten set screw to secure rod to LBC.



IMPORTANT!
Latches will not retract if set screw is not tightened.

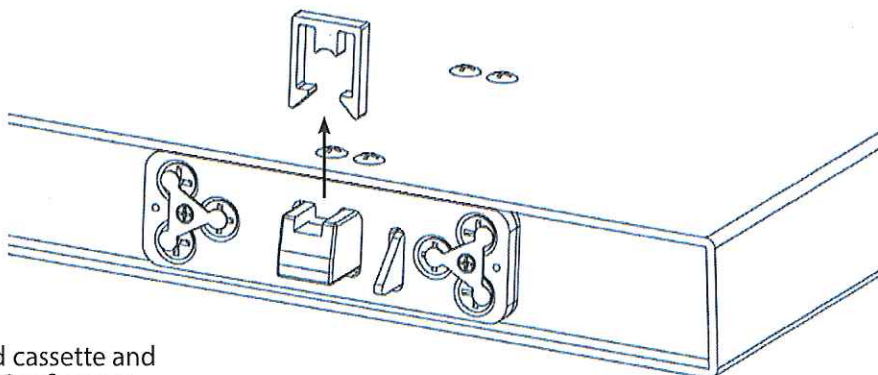
11 Bottom Latch Installation

REPEAT
Steps 18 through 24 to install bottom latch.

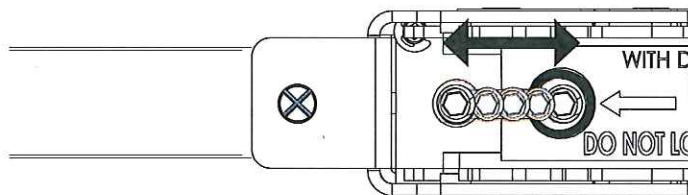
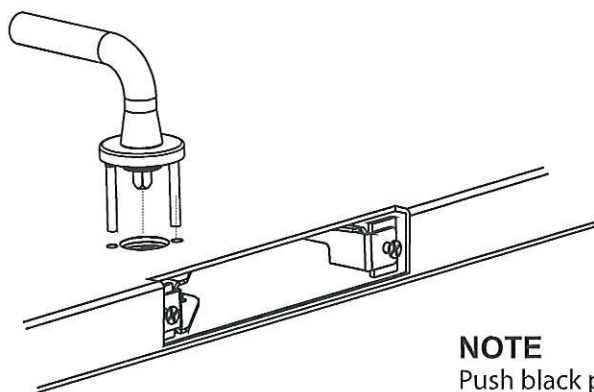


12 Check Latches

A. Remove bolt retainer clips from top and bottom latch assemblies.

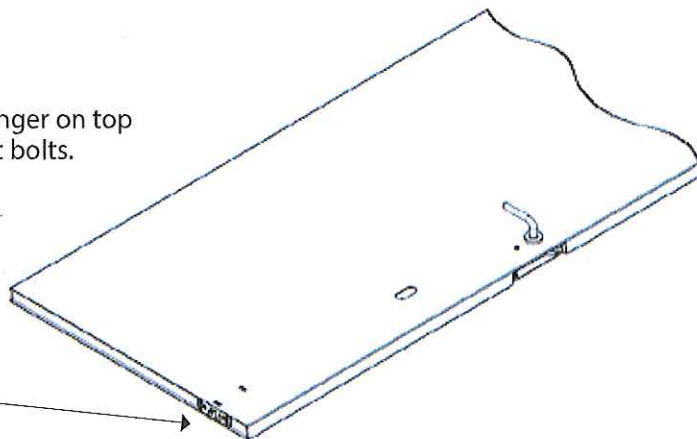
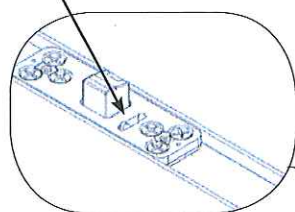


B. Insert mortise trim in door prep and cassette and rotate to verify latches fully retract. Confirm set screw moves from circle to circle in LBC viewing window. Do not install mortise lock at this time.



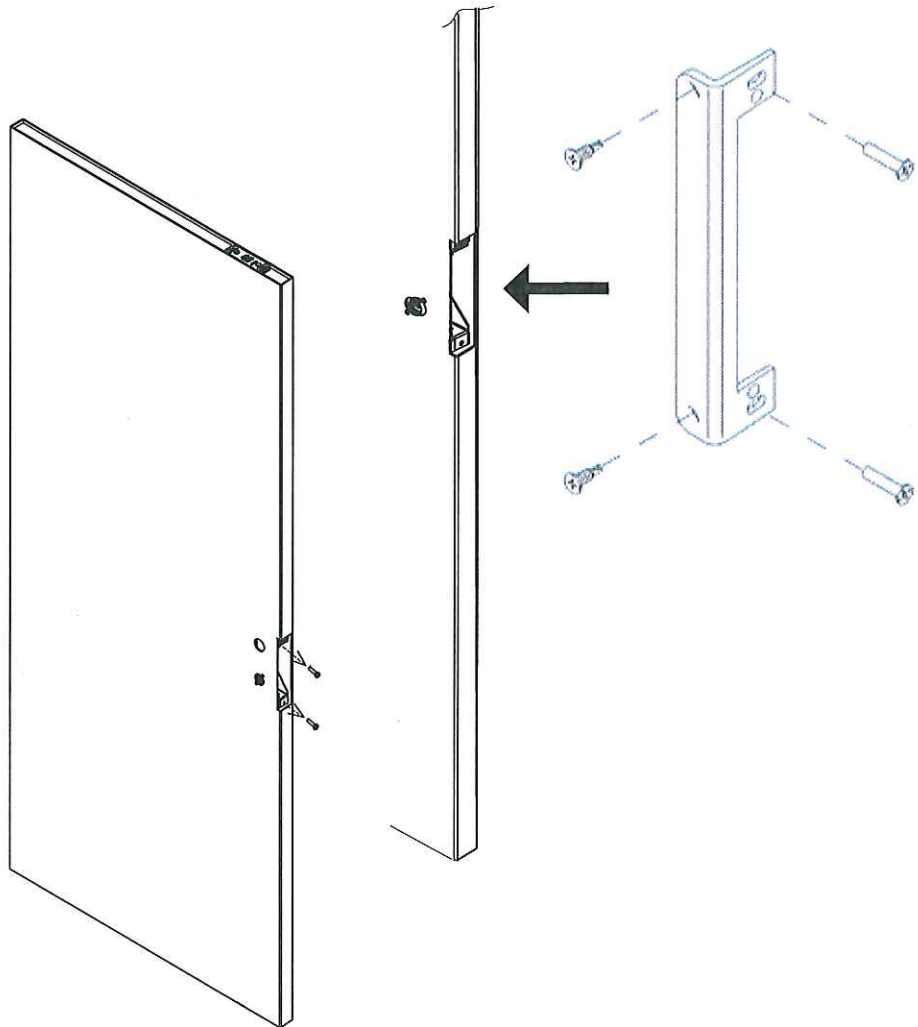
NOTE
Push black plunger on top latch to project bolts.

Plunger



13 Mortise Reinforcer and Mortise Lock Installation

- A. Remove the two (2) #12-24x1" flat head LBC mounting screws that are securing lockbody case in door.
- B. Place mortise reinforcer into door.
- C. Reinstall two (2) #12-24x1" flat head LBC mounting screws (DO NOT FORCE).
- D. Install two (2) #12x¼" self tapping screws through mortise reinforcer into face of door.



NOTE

Reinforcer lip belongs on the side of the door that has a special cutout at door edge.

14 Final Installation

Return to page 1 for final installation.