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Certification Exhibit

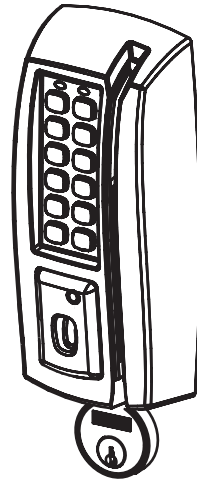
**FCC ID: U4A-SCYICLS2
IC: 6982A-SCYICLS2**

**FCC Rule Part: 15.225
IC Radio Standards Specification: RSS-210**

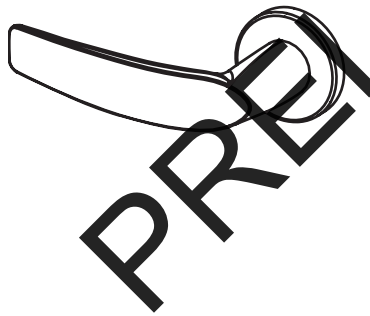
ACS Report Number: 11-0071.W06.11.A

**Manufacturer: Assa Abloy, Inc.
Model: P2-IM/IKM**

Manual



PASSPORT 1000
Mortise Lock
Installation Instructions



PRELIMINARY

A8011E

12/10

Table of Contents

1	Warning	2
2	General Description	3
3	Hardware Specifications	3
4	Electronic Specifications	3
5	Parts Breakdown	4
6	Installation Instructions	7
7	Operational Check	14

1 Warning

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada:

Statement: The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Cet appareillage numérique de la classe B répond à toutes les exigences de l'interférence canadienne causant des règlements d'équipement. L'opération est sujette aux deux conditions suivantes: (1) ce dispositif peut ne pas causer l'interférence nocive, et (2) ce dispositif doit accepter n'importe quelle interférence reçue, y compris l'interférence qui peut causer l'opération peu désirée.



To comply with "Fire Listed" doors, the batteries must be replaced with alkaline batteries only.

2 General Description

The SARGENT Passport Series v.P2 Mortise Lock is available with either an HID® Prox 125 kHz or 13.56 MHz iCLASS® technology reader. Designed specifically for the campus market, the SARGENT Passport 1000 P2 WiFi Mortise Lock is a new breed of electronic lock, providing access control with magnetic swipe and optional Proximity Reader and/or Keypad, as well as detailed audit capabilities.

- Using WiFi technology and coupled with third party software, the P2 Mortise lock offers a complete, integrated access control system.
- The Passport 1000 P2 operates on six (6) “AA” alkaline batteries and may be used for both indoor and outdoor applications.

Note: A weather-protective gasket is recommended for outdoor applications.

HID and iCLASS are registered trademarks of HID Global Corporation.

3 Hardware Specifications

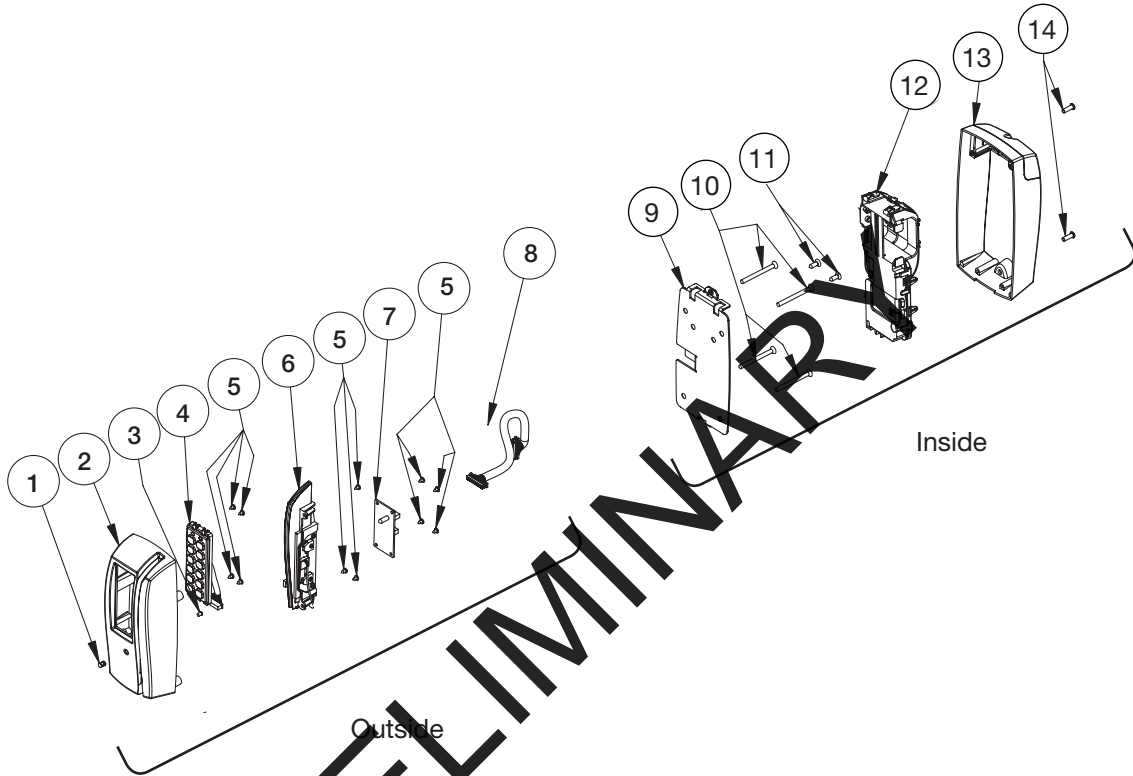
- Complete lockset with on-board memory
- Magnetic swipe standard with optional 125 kHz Proximity Reader (specify PRX-), 13.56 MHz reader (specify IKM-), and/or keypad (specify KP-)
- ADA compliant
- Easily retrofits existing Passport 1000 door preps (mortise)
- Latch - Stainless steel
- Optional deadbolt - Stainless steel
- Guardbolt - Stainless steel, non handed
- Handing (RH/RHR/LL/LHR) must be specified, but is easily field-reversible without opening the lock case
- Case - 12 gauge heavy duty wrought steel
- Outside lever is unlocked through access control credentials only
- Cylinder retracts latchbolt (and deadbolt)
- Inside lever retracts latch and deadbolt simultaneously
- Lock furnished for 1-3/4” doors. For other thicknesses, Consult factory.
- UL Listed (3 hr.)
- Outside lever controlled by any combination of keypad, magnetic swipe, iCLASS, prox (proximity) reader, or mechanical cylinder
- Outside lever for iCLASS controlled by HID iCLASS credential or other 13.56 MHz credential (such as CSN, Chip Serial Number, read only supported, including MiFare, DesFire, and Felica)

4 Electronic Specifications

- Wireless (WiFi 802.11 b/g) online, battery-operated
- 2,400 users per lock; 10,000 event audit trail
- Multiple time zone and holiday access scheduling
- First-In unlock configuration, either by time or by user (selectable)
- Input Power: DC 9V, 1.5A (6 AA alkaline batteries or optional hard-powered)
- Uses existing Magstripe keycards (track 2)
- Magnetic Stripe Card Coercivity: HiCo (4000 Oersted) or LoCo (300 Oersted)
- Supports HID 125 kHz prox or 13.56 MHz iCLASS credentials (26 - 39 bit); supports CSN reads for other common 13.56 MHz cards, including MiFare, DesFire, and FeliCa
- AWE Prefix Available for WPA2, PEAP and EAP-TLS Wireless Encryption Support

5 Parts Breakdown

P2 WiFi Lock with Magnetic Card Swipe With or Without Keypad

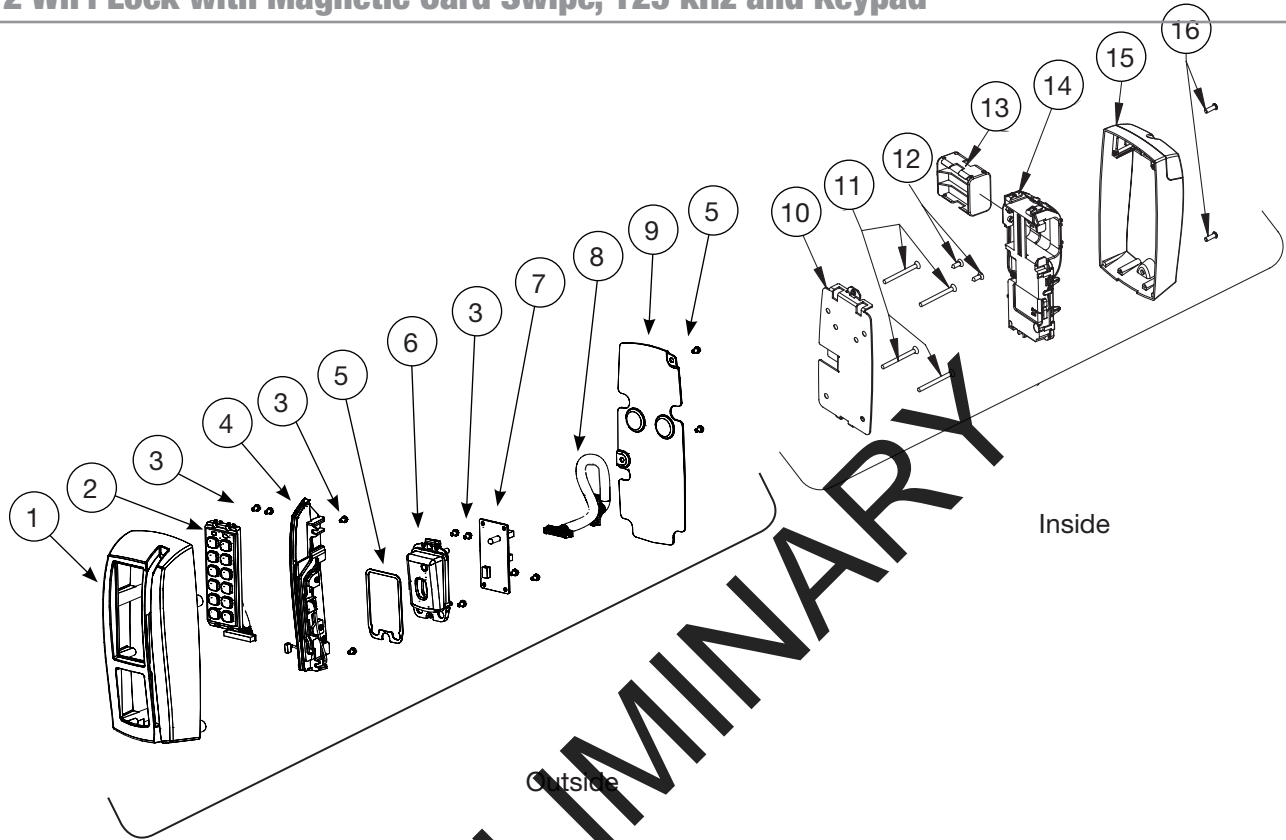


ITEM No.	PART No.	DESCRIPTION
1	52-0757	Lens (Cliplite)
2	52-0738	Outside Passport Escutcheon Only (Magnetic Swipe and Keypad)
	52-0739	Outside Passport Escutcheon Only (Magnetic Swipe)
3	52-0760	Light Pipe (Cliplite)
4	52-3594	Slim Style Keypad Assembly
5	01-9299	#4-40 x 3/16" Phillips Pan Head Screw
6	52-4243	Swipe Reader Assembly
7	52-0745	Online Interface PCB
8	52-3209	Harness Assembly
9	52-0748	Inside Mounting Plate
10	77-0168	#8-32 x 1-7/8" Phillips Flat Head Screw
11	01-1146	#8-32 x 3/8" Phillips Flat Head Screw
	01-1176	#8 x 3/8" Phillips Flat Head Wood Screw
12	52-4246	Modular Component
13	52-3592	Inside Escutcheon Assembly
14	01-4421	#8-32 x 1/2" T-20 Torx Pan Head Screw

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Parts Breakdown (Continued)

P2 WiFi Lock with Magnetic Card Swipe, 125 kHz and Keypad



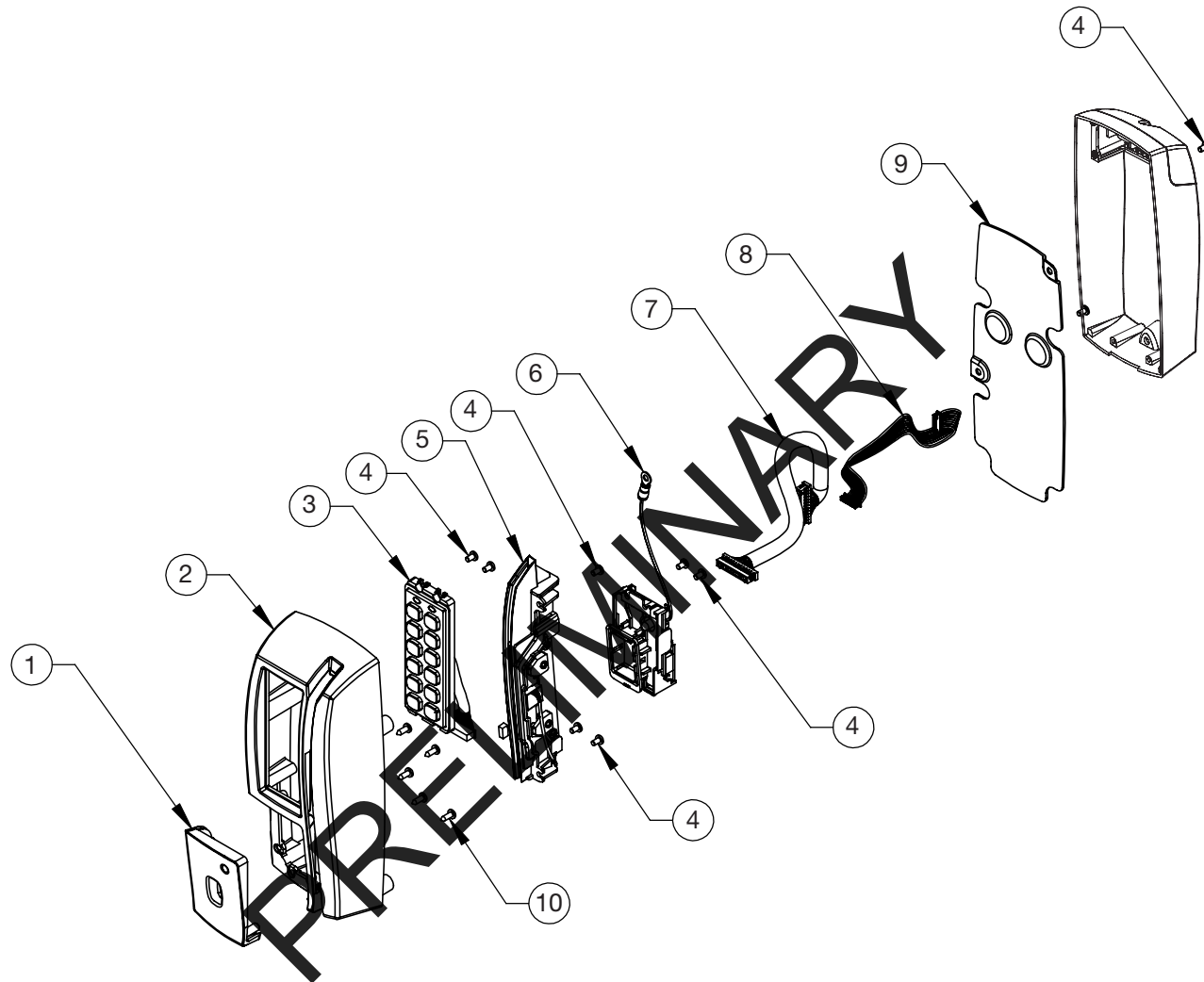
ITEM No.	PART No.	DESCRIPTION
1	52-1103	Outside Passport Escutcheon only (Magnetic Swipe, Keypad and Proximity Reader)
2	52-2593	Slim Style Keypad Assembly
3	01-9299	#4-40 x 3/16" Phillips Pan Head Screw
4	52-4243	Swipe Reader Assembly
5	52-1106	Prox Reader Gasket
6	52-4206	Antenna Assembly
7	52-0745	Online Interface PCB
8	52-3209	Harness Assembly
9	52-1109	Back Plate
10	52-0748	Inside Mounting Plate
11	77-0168	#8-32 x 1-7/8" Phillips Flat Head Screw
12	01-1146	#8-32 x 3/8" Phillips Flat Head Screw
	01-1176	#8 x 3/8" Phillips Flat Head Wood Screw
13	52-0751	Battery Cartridge (Only)
14	52-4263	AWE Controller Assembly Kit
	52-4247	Modular Component and Battery Cartridge Kit
15	52-3592	Inside Escutcheon Assembly
16	01-4421	#8-32 x 1/2" T-20 Torx Pan Head Screw

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12/15/10

Parts Breakdown (Continued)

P2 WiFi Lock with Magnetic Card Swipe, 13.56 MHz and Keypad



ITEM No.	PART No.	DESCRIPTION
1	52-4402	Outside Mask Assembly
2	52-1255	Outside Escutcheon - iCLASS
3	52-3593	Slim Style Keypad Assembly
4	01-9299	#4-40 x 3/16" Machine Screw
5	52-4243	Swipe Reader Assembly
6	52-4401	iCLASS Module Assembly
7	52-3209	Harness Assembly
8	52-4410	iCLASS Harness
9	52-1109	Back Plate
10	01-9300	#4-32 x 5/16" Plastite Screw

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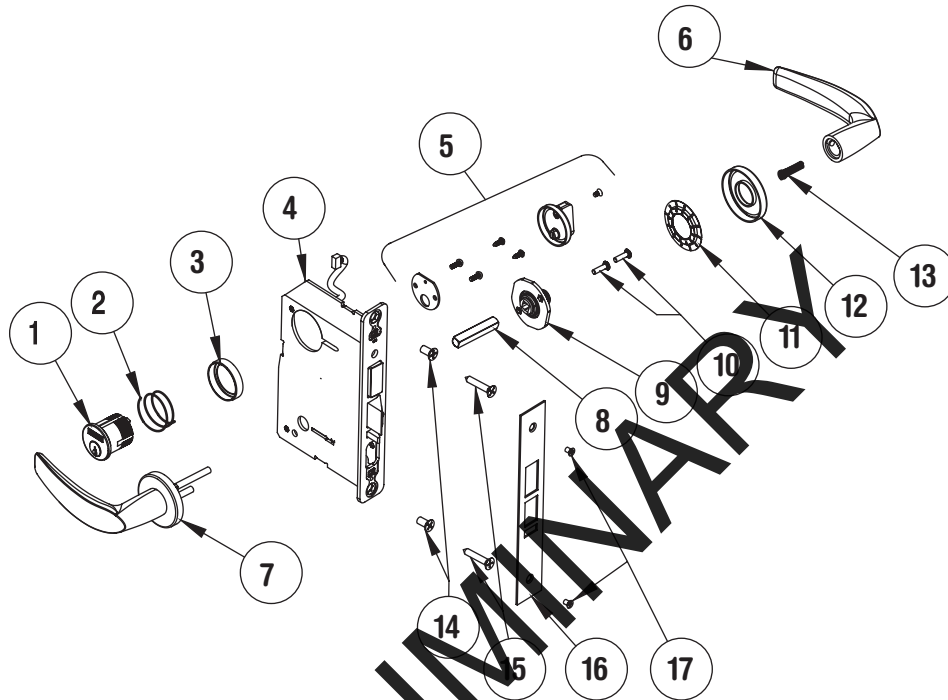
Passport 1000 Series P2 Mortise Lock

SARGENT

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Parts Breakdown (Continued)

8200 Series Mortise Lock



ITEM	PART No.	DESCRIPTION
1	See catalog	#41 Cylinder (1-1/8" Minimum Length)
2	13-0140	Cylinder Compression Spring
3	See catalog	1KB-1 Cylinder Rosette
4	See catalog	Mortise Lockbody
5	77-2092	130 KB Thumbturn for Deadbolt Functions Only
6	See catalog	Inside Lever Handle
7	See catalog	Outside Lever Assembly
8	82-0368	Spindle
9	82-3088	Inside Lever/Knob Adapter Plate Assembly
10	01-1495	#8-32 X 5/8 Machine Screw
11	82-0612	Non Loosening Wave Washer
12	See catalog	Mortise Rose
13	82-0347	Spindle Spring
14	01-1019	#12-24 X 1/2" Machine Screw
15	01-2299	12 X 1-1/4 Wood Screw
16	82-0578	Outside Front Plate (Electrical, Latchbolt & Guardbolt)
	82-0579	Outside Front Plate (Electrical, Deadbolt, Latchbolt and Guardbolt)
17	01-1028	#8-32 X 1/4 Machine Screw

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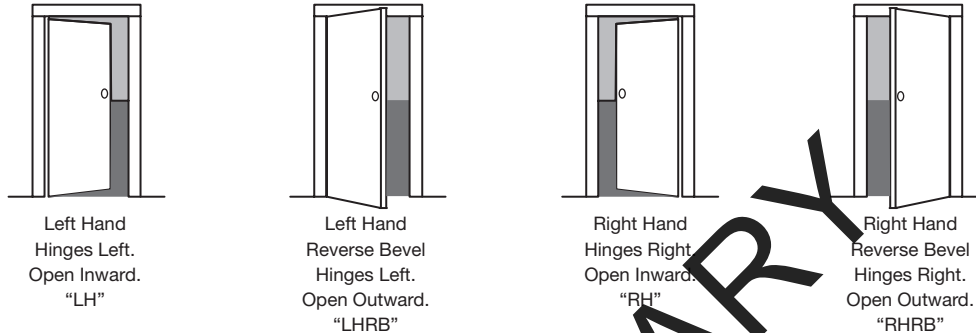
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6 Installation Instructions

1 Door Preparation

A. Verify Hand and Bevel of Door

Stand on outside of locked door when determining door hand.



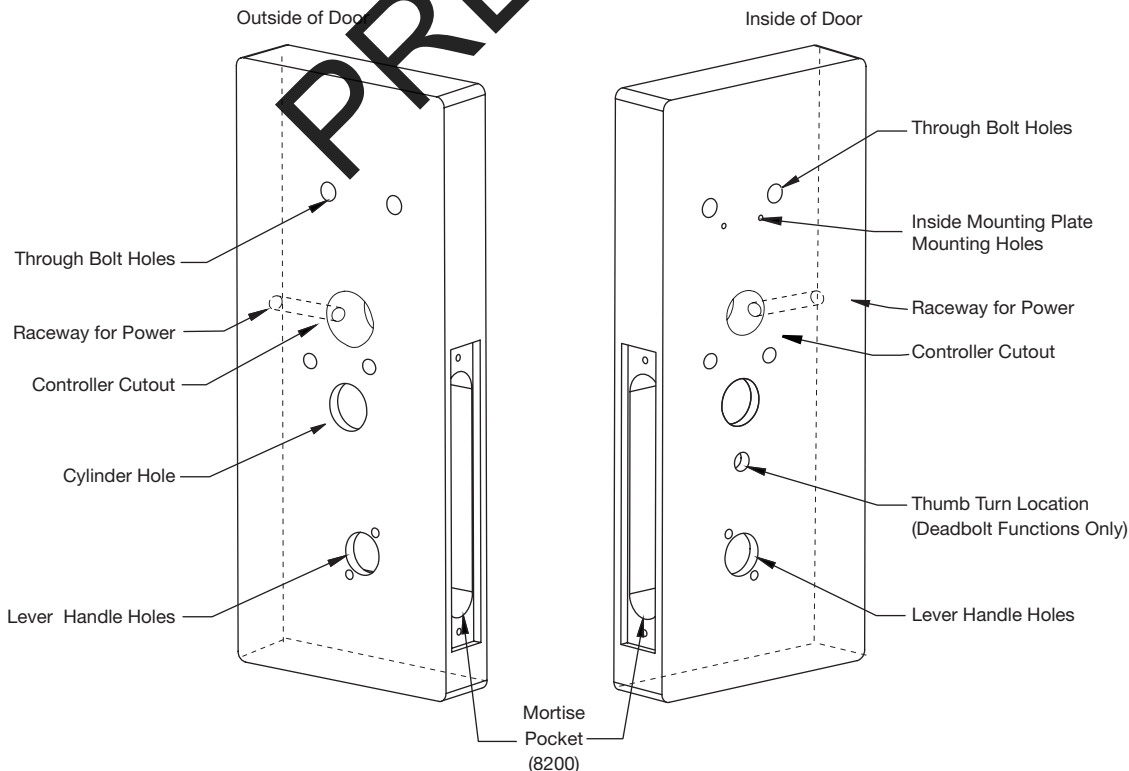
B. Verify Product Label

- (IKM-) (KP-) P2- (PRX-) 82276 x Rose & Lever x Finish x Hand
- (IKM-) (KP-) P2- (PRX-) 82277 x Rose & Lever x Finish x Hand
- (IKM-) (KP-) P2- (PRX-) 82278 x Rose & Lever x Finish x Hand
- (IKM-) (KP-) P2- (PRX-) 82279 x Rose & Lever x Finish x Hand

Note: KP- is for the optional Keypad and PRX- is for the optional Proximity Reader

C. Door Preparation

Refer to template A7950 for wood and metal doors.



2 How to Change Hand of Lockbody

A. Reverse Lock Hand

Red surface of locking piece must face the outside/locked side of door. To rotate locking piece (Fig. 2A):

1. Position lock body with red surface of locking piece visible.
2. Insert blade type screwdriver into locking piece slot to rotate locking piece toward back of lock body.
3. Rotate the locking piece 180° until RED surface is on opposite side.

Note: Red indicates locked side (outside). Wire harness MUST exit through the inside/non-cylinder side of the lockbody.

B. Retaining Ring

Make sure the plastic retaining ring is seated correctly (Fig. 2B):

1. The wires and the plastic retaining ring must be located on the non-cylinder side.
2. Orient the plastic retaining ring so that the word **Bottom** is located at the bottom of the cylinder hole.
3. Route the wires from the top of the cylinder hole into the slot on the top of the plastic retaining ring, NOT through the retaining ring.

C. Reverse Latch Hand

Beveled surface of latchbolt must face strike. The deadlatch is self adjusting.

To change the hand of the latchbolt:

1. Insert the blade of a slotted screwdriver (>1/4") into the spade shape slot behind latch.
2. Rotate the screwdriver 90° to push latchbolt out until back of bolt clears lock case front.
3. Rotate latchbolt 180° until the latchbolt drops back into the lockbody.

Note: Latch cannot be unscrewed.

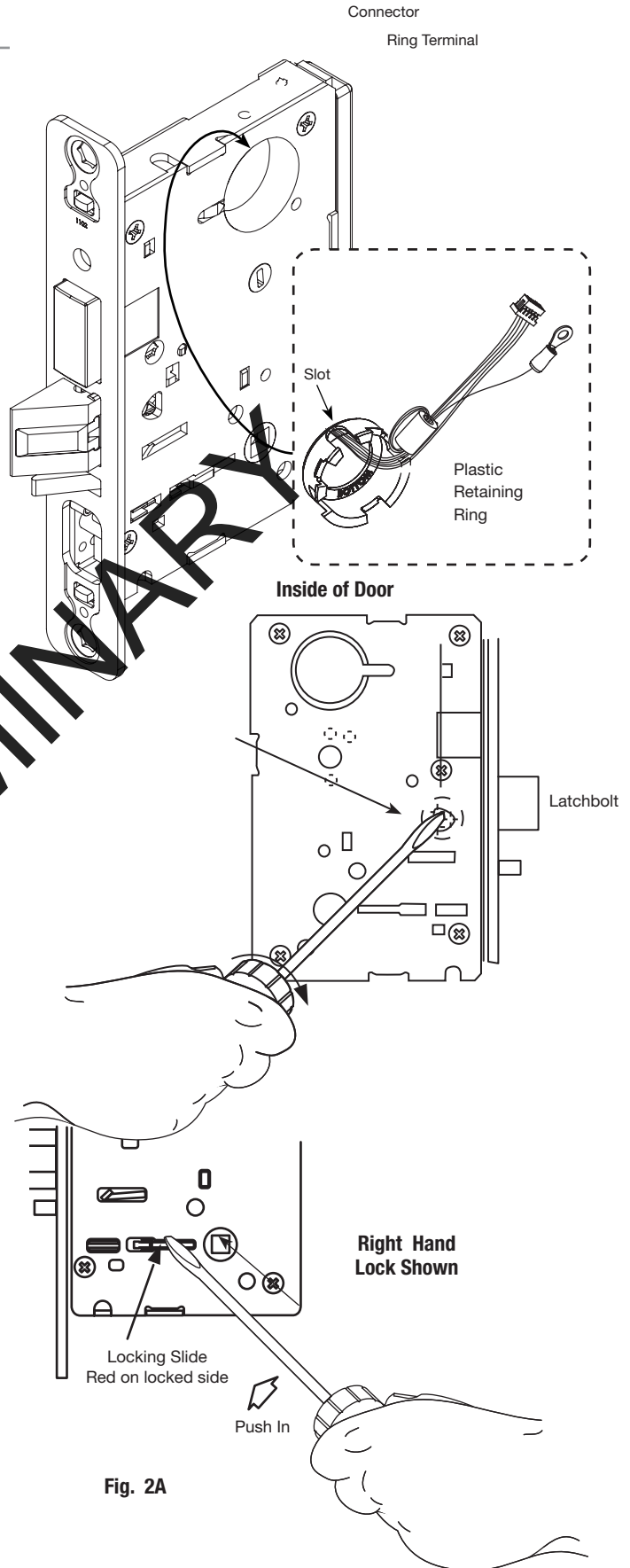


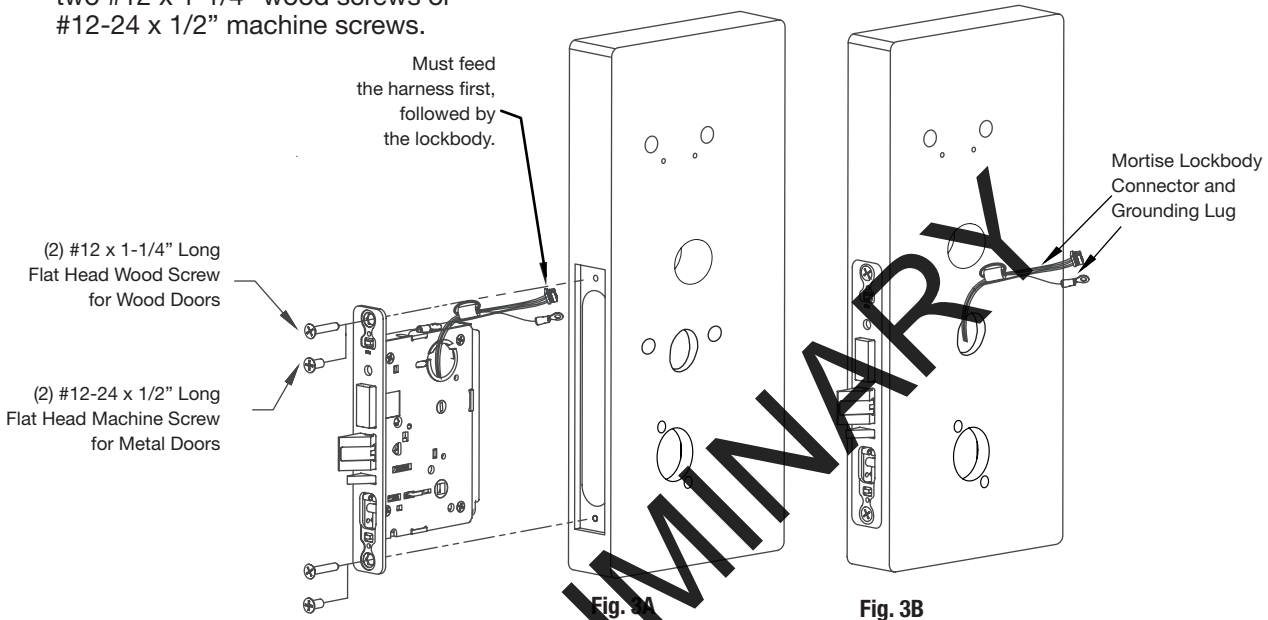
Fig. 2A

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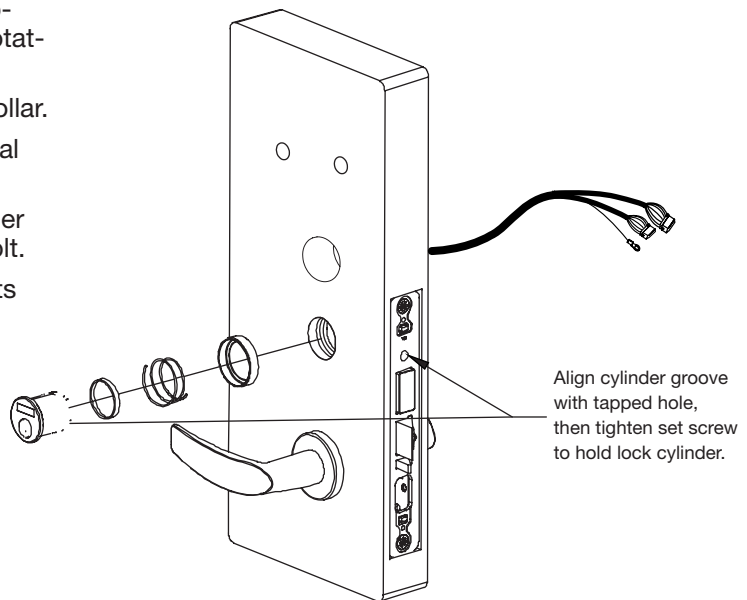
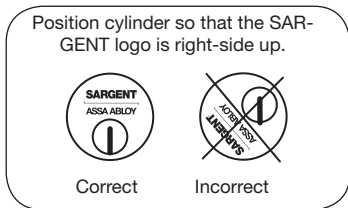
3 Install Lock Body

1. Feed the wires first through the mortise pocket and out the inside prep, followed by the lockbody (Fig. 3A).
2. The wires from the lockbody exit the inside door prep through the mortise pocket (Fig. 3B).
3. Loosely secure the lockbody in the door with two #12 x 1-1/4" wood screws or #12-24 x 1/2" machine screws.



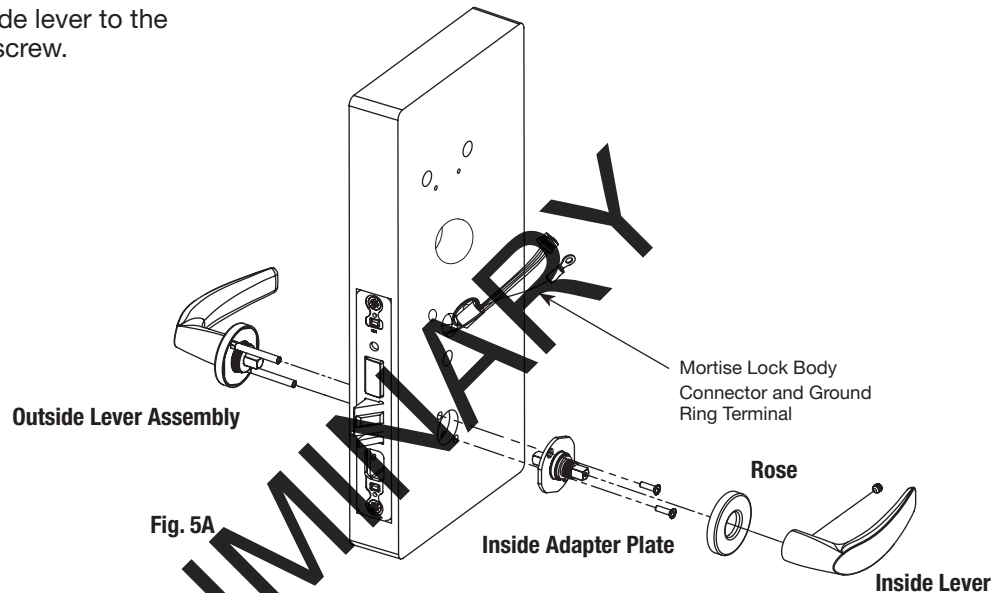
4 Install Cylinder

1. Slide cylinder through the spring and rosette/collar and screw into lockbody, rotating the cylinder clockwise. Cylinder should be flush with rosette/collar. Note: SARGENT logo must be horizontal and on the top of the cylinder (Fig. 4B).
2. Secure the cylinder by tightening cylinder clamp screw located above the deadbolt.
3. Using the key, verify that the key retracts the latchbolt (and deadbolt).



5 Install Inside and Outside Levers

1. Slide the outside lever and spindle assembly through the door and lockbody.
2. Using the inside adapter plate and spindle, secure loosely with (2) #8-32 screws.
Note: Position threaded hole on the inside adapter to align with lever hole.
3. Tighten the lockbody screws on edge of door.
4. After the lockbody screws are tightened, tighten both inside adapter screws.
5. Position and attach rose over inside adapter.
6. Position and secure inside lever to the inside adapter with set screw.



6 Deadbolt Functions Only (82276 & 82277)

1. Insert alignment tool (supplied) into lock body thumb turn.
2. Slide back plate over tool and make level.
3. Secure back plate to door with two (2) #6 x 3/8" round head wood screws or #6-32 x 3/8" round head machine screws.
4. Dispose of tool, position thumb turn over back plate (Fig. 6A) and secure with #6-32 x 1/4" flat head screw.

Note: Thumb turn should cover screw head when deadbolt is retracted.

Refer to instructions (A5675G) included in package included with lock.

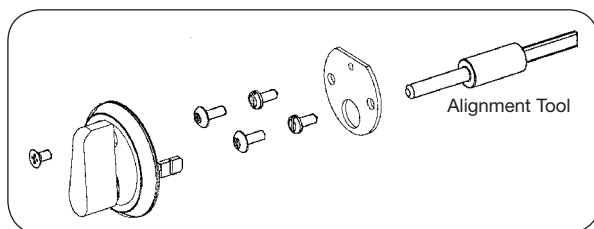


Fig. 6B Detail

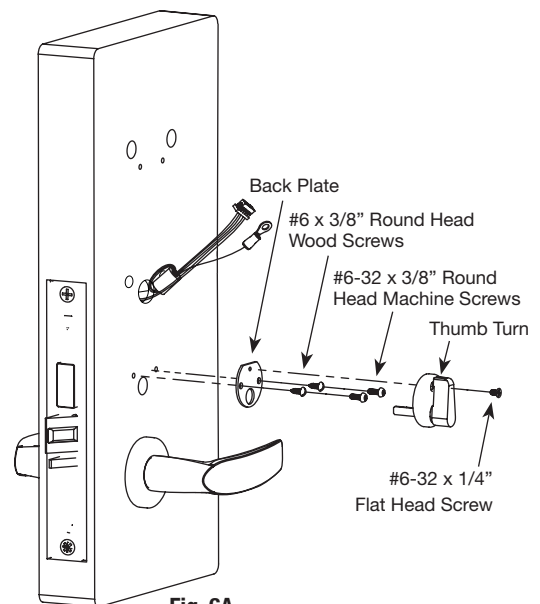


Fig. 6A

7 Install Gasket (Optional)

Note: Optional, for non-fire rated doors only.

For non-fire rated door applications, an optional gasket may be used as a weather seal between the escutcheon and the outside door surface.

Peel off adhesive backing and attach to outside escutcheon.

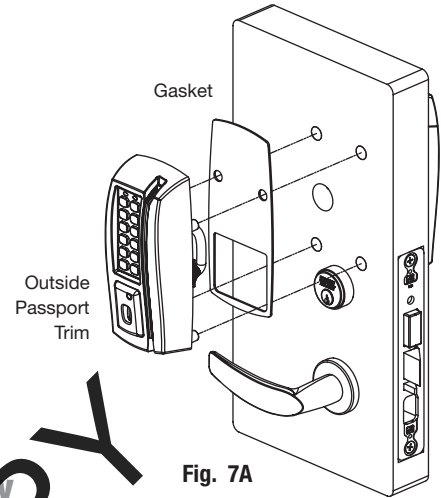


Fig. 7A

8 Install Outside Escutcheon and Mounting Plate Assembly

1. Insert the mounting posts through holes as shown.
2. On the inside of the door, position the mounting plate over the indicated holes.

Note: Feed controller and keypad cables feed through side opening (Fig. 8A).

Cable and ground ring terminal from lockbody feeds from bottom (Fig. 8A and 8B).

3. Attach ground ring terminal lock body to bottom right corner using one #8-32 x 1-7/8" flat head machine screw. Make sure it is positioned upright (Fig. 8A).
4. Insert other three #8-32 x 1-7/8" flat head machine screws and tighten, fastening the outside escutcheon to the door (Fig. 8B).

IMPORTANT: If the following steps are skipped, the product will not be UL-compliant:

5. Attach two (2) #8 x 3/8" flat head wood screws for wood doors or (2) #8-32 x 3/8" flat head machine screws for metal doors (Fig. 8C).

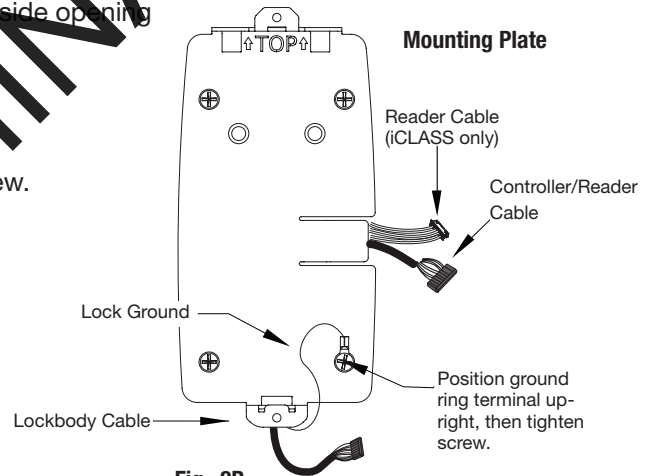


Fig. 8B

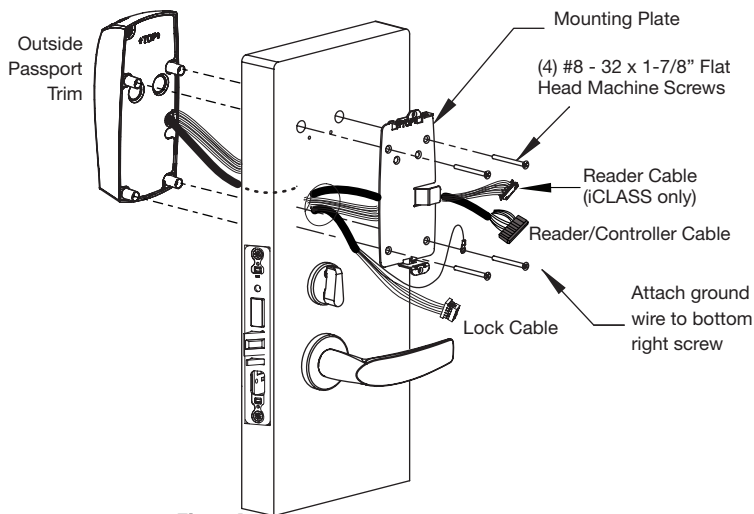


Fig. 8A

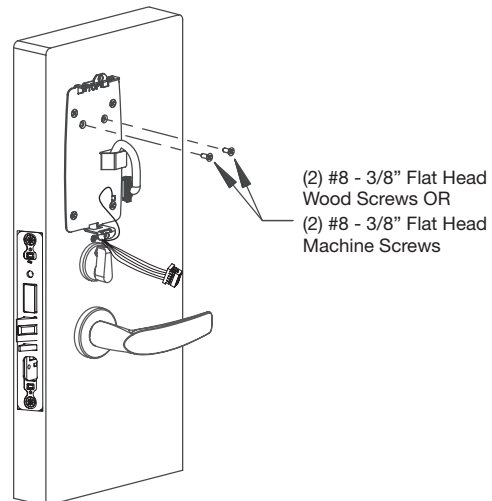


Fig. 8C

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9 Install Inside Module Component Assembly

Insert bottom of Module Component Assembly first (Fig. 9A), then clip top of Assembly to backplate, verifying both tabs attached securely.

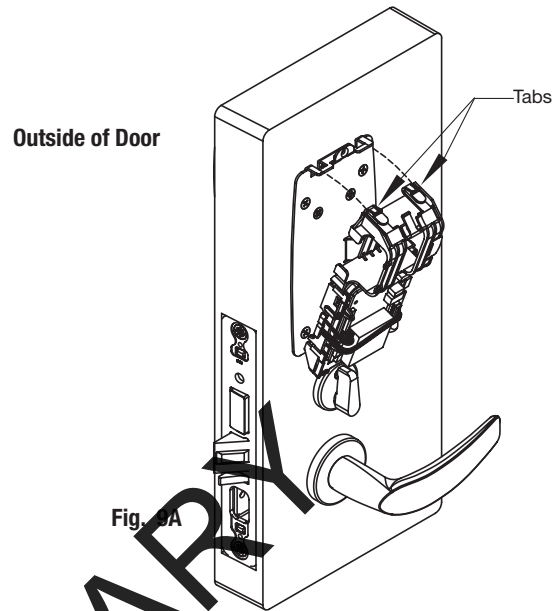


Fig. 9A

10 Attach Connectors

Secure the following connectors onto the circuit board (Fig. 10A and 10B):

1. Secure the 10-pin lock body assembly connector.
2. Secure the 24-pin keypad/card reader connector.
3. Secure 9-pin reader cable (iCLASS only).

Notes:

- Connectors go on only one way.
- Do not force and do not offset connectors.
- Be sure the connectors are completely seated (flush).

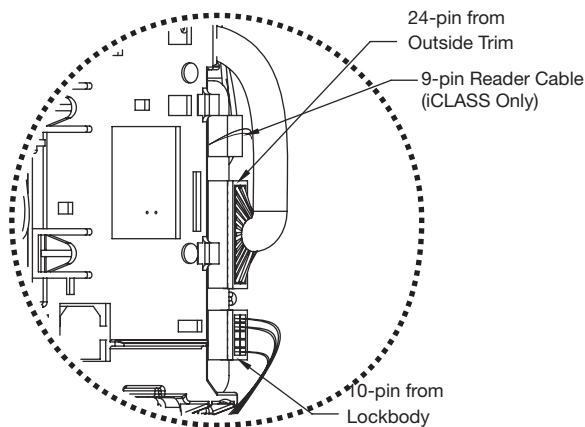


Fig. 10B Detail

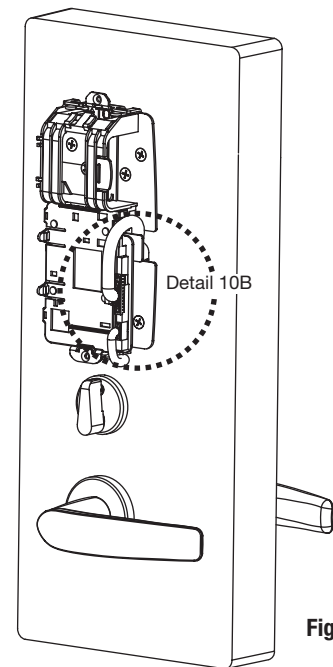


Fig. 10A

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11 Install Battery/Battery Pack

1. Place (6) "AA" batteries into the compartment being careful to align polarity (- & +) properly.
2. Insert battery pack and click into place, making sure polarity terminals on the battery pack are correctly oriented (Fig. 11A).

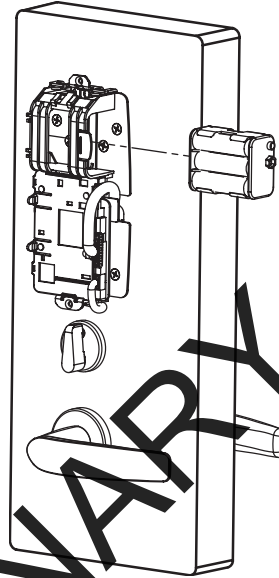


Fig. 11A

12 Attach Outside Front Plate

1. Position inside escutcheon as shown (Fig. 12A).
Verify that all wires are positioned within the escutcheon to avoid pinching.
2. Attach escutcheon with (2) #8-32 x 1/2" T-20 Torx pan head screws.
3. Straighten escutcheon and tighten securely.
DO NOT OVERTIGHTEN.

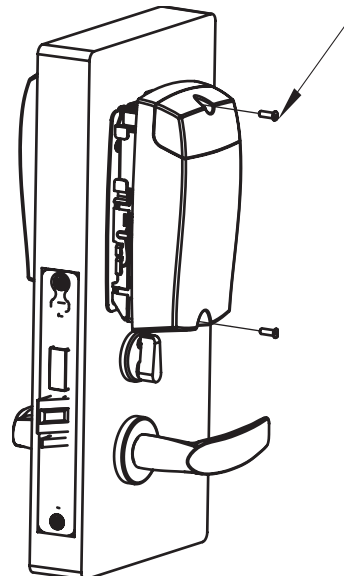
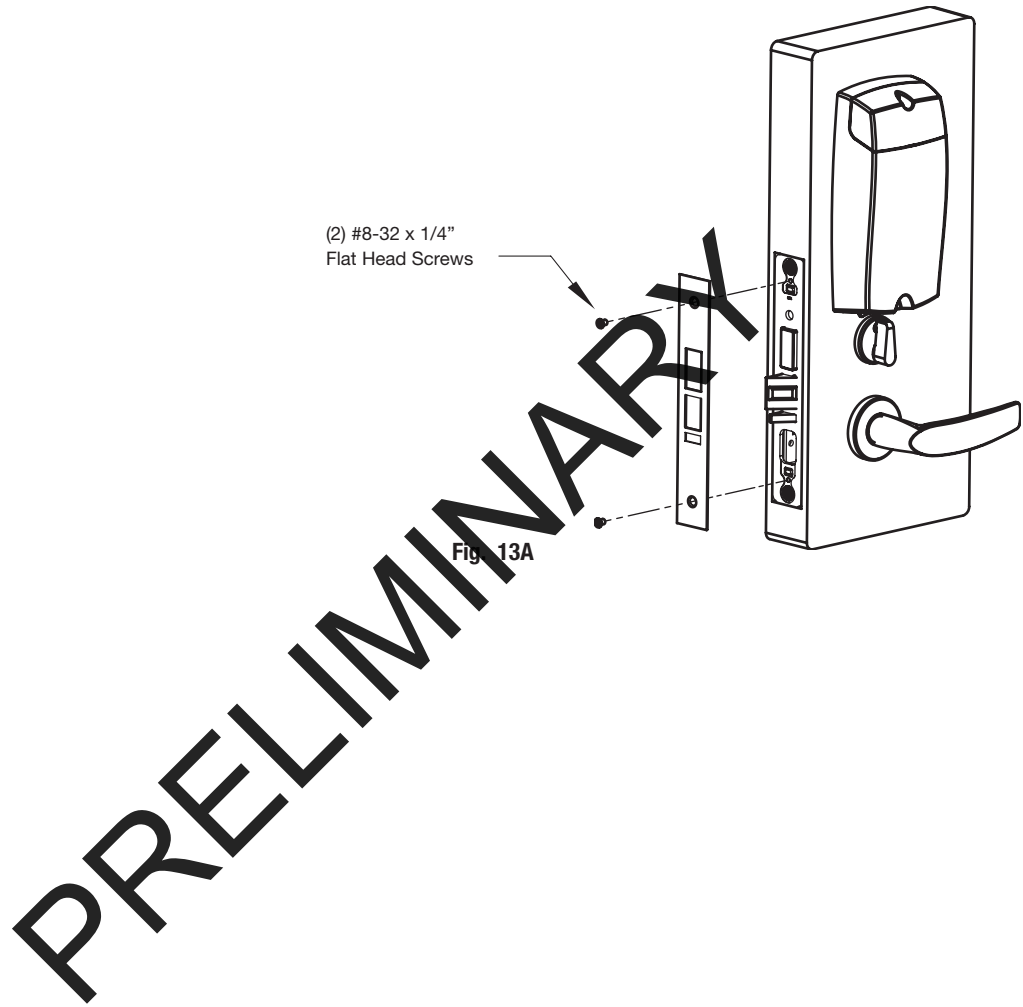
(2) #8-32 x 1/2"
Torx Screws

Fig. 12A

13 Attach Outside Front Plate

Attach front plate with (2) #8-32 X 1/4" flat head screws (Fig. 13A).

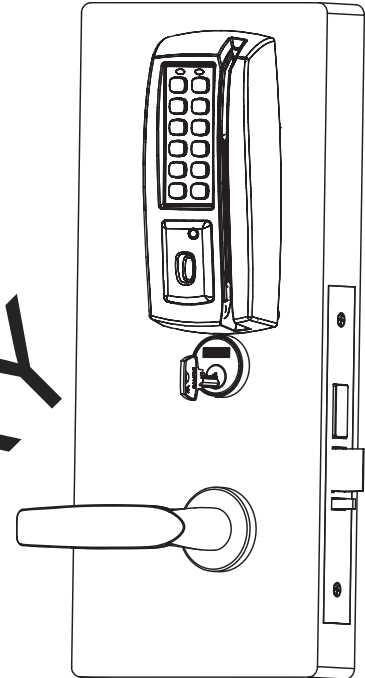


7 Installation Instructions

IMPORTANT: Be sure to test functions prior to closing door.

In all cases, perform the following checks:

1. Ensure that inside lever retracts latch (and deadbolt for deadbolt functions).
 - For units with cylinders, the following checks apply:
Insert key into cylinder and rotate:
 - a. There should be no friction against lock case, wire harness, or any other obstructions. If friction or binding occurs, readjust cylinder and wiring harness to eliminate issues.
 - b. The key should retract the latch and the key should rotate freely.
 - c. The key should extend and retract the deadbolt.
 - For units without a keypad, add card using LCT software and test.
 - For units with a keypad, add pin and card using LCT software and test.
2. LED signalling:
 - After using a valid credential, a green flash followed by three fast amber flashes indicates a low power condition.
Check the battery voltage.
If the voltage is low, replace the batteries.
 - If the batteries die, the lock will flash rapid amber for approximately one minute.
After that, the lock will no longer be functional.
3. When you have completed the tests, close the door, ensuring latch bolt and deadbolt fully extend into strike plate without binding.



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Founded in the early 1800s, SARGENT® is a market leader in locksets, cylinders, door closers, exit devices, electro-mechanical products and access control systems for new construction, renovation, and replacement applications. The company's customer base includes commercial construction, institutional, and industrial markets.

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ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.