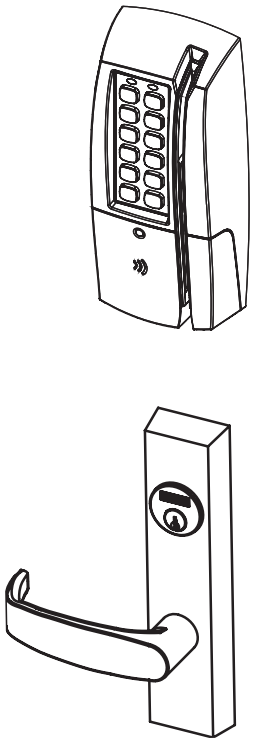
SARGENT®

ASSA ABLOY



P2

PASSPORT 1000 Exit Device

Installation Instructions

A8012F
03/14

ASSA ABLOY, the global leader in door opening solutions

Table of Contents

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

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:

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.

"This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter."

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and SARGENT Manufacturing 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.

To avoid possible damage from electrostatic discharge (ESD), some basic precautions should be used when handling electronic components:

- Minimize build-up of static by touching and/or maintaining contact with unpainted metal surfaces such as door hinges, latches, and mounting plates especially when mounting electronic components such as readers and controllers onto the door.
- Leave components (reader and controller) protected in their respective anti-static bags until ready for installation
- Do not touch pins, leads or solder connections on the circuit boards

2 General Description

The SARGENT Passport 1000 P2 Exit Device features HID® multiCLASS SE™ technology, offering simultaneous support for multiple credential formats as well as an easy migration path to higher security credentials and NFC mobile access.

Designed specifically for the campus market, the SARGENT Passport 1000 P2 WiFi exit device provides customized access control with magnetic swipe and optional contactless reader and/or keypad, as well as detailed audit capabilities.

- Using WiFi technology and coupled with third party software, the P2 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.

3 Hardware Specifications

Passport 1000 P2 Rim Exit

- Complete lockset with on-board memory
- Magnetic swipe standard with optional multiCLASS SE reader and/or keypad
- ADA compliant
- Easily retrofits existing Passport 1000 rim exit devices
- Latch – 3/4” throw, stainless steel
- Outside lever is unlocked through access control credentials only
- Exit device always allows immediate egress
- UL Listed for panic and available UL Listed for fire rated openings (12- option)
- SARGENT exit devices furnished for 1-3/4” standard (specify 31- and thickness for thicker doors)
- Accepts all SARGENT rim cylinders (8877 only)
- Key override standard with 8877 (#34 rim cylinder supplied))
- Available with ET trim only (many lever designs available)

Passport 1000 P2 Mortise Exit

- Complete lockset with on-board memory
- Magnetic swipe standard with optional multiCLASS SE reader and/or keypad
- ADA compliant
- Easily retrofits existing Passport 1000 mortise lock exit devices
- Latch – 3/4” throw, anti-friction, brass
- Outside lever is unlocked through access control credentials only
- Exit Device always allows immediate egress
- UL Listed for panic and available UL Listed for fire rated openings (12- option)
- SARGENT exit devices furnished for 1-3/4” standard (specify 31- and thickness for thicker doors)
- Key override standard with 8977 [#46 (1-3/4”) mortise cylinder supplied]
- Available with ET Trim only (many lever designs available)

4 Electronic Specifications

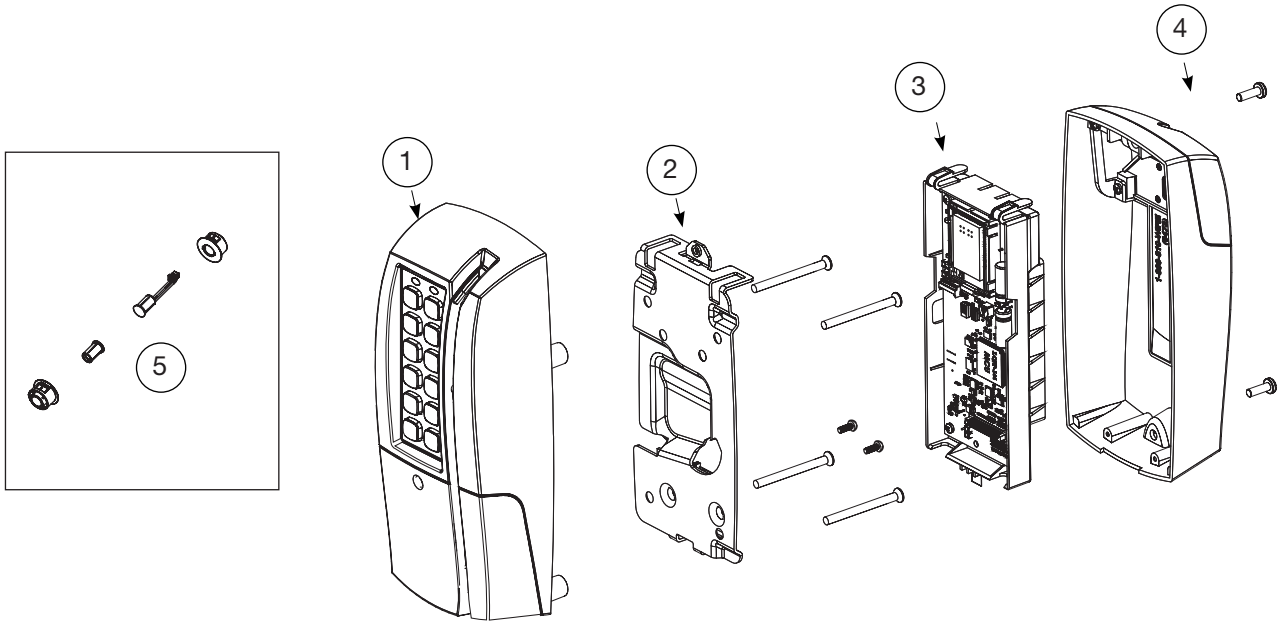
- HID® multiCLASS SE™ technology offers support for the following credentials:
  - High Frequency (13.56 MHz):
    - HID iCLASS®
    - HID iCLASS SE® (SIO-enabled)
    - HID iCLASS® Seos™
    - HID MIFARE® SE
    - HID DESfire® EV1 SE
    - MIFARE Classic
    - DESfire EV1
    - FeliCa
  - Low Frequency (125 kHz):
    - HID Prox®
  - Magnetic Stripe
  - NFC-enabled Mobile Phones
- Wireless (WiFi 802.11 b/g/n), battery-operated
- 2,400 users per lock; 10,000 event audit trail
- Multiple time zone and holiday access scheduling
- First-In unlock configuration, based on specified time schedule
- 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)
- Support for most advanced wireless encryption and authentication standards.

For specific security information, please contact your local ASSA ABLOY Door Security Solutions sales consultant or call 800-810-WIRE.

03/31/14

5 Parts Breakdown

P2 WiFi Lock with Magnetic Card Swipe With or Without Keypad



ITEM No.	PART No.	DESCRIPTION
1	52-3583-[finish]	Outside Escutcheon Assemby, mag stripe
	52-3582-[finish]	Outside Escutcheon Assemby, mag stripe and Keypad (shown)
	52-4244-[finish]	Outside Escutcheon Assembly, mag stripe, keypad and HID 125kHz Prox
	52-4759-[finish]	Outside Escutcheon Assemby, iCLASS, keypad, mag stripe, Prox, smart card (MIFARE, DESFIRE)
	52-4777-[finish]	Outside Escutcheon Assemby, iCLASS, mag stripe, Prox, smart card (MIFARE, DESFIRE)
	52-4787-[finish]	Outside Escutcheon Assemby, FeliCa, keypad, mag stripe, Prox
	52-4788-[finish]	Outside Escutcheon Assemby, FeliCa, mag stripe, Prox
2	52-4779	Mounting Plate Assembly
3	52-5409	WiFi Controller Assembly
	52-4796	WiFi Radio Module (not shown)
4	52-4776-[finish]	Inside Escutcheon Assembly with Privacy Button
5	52-5373	Door Position Switch Kit

03/31/14

SARGENT
ASSA ABLOY

Parts Breakdown (continued)

Items Supplied with Exit Device

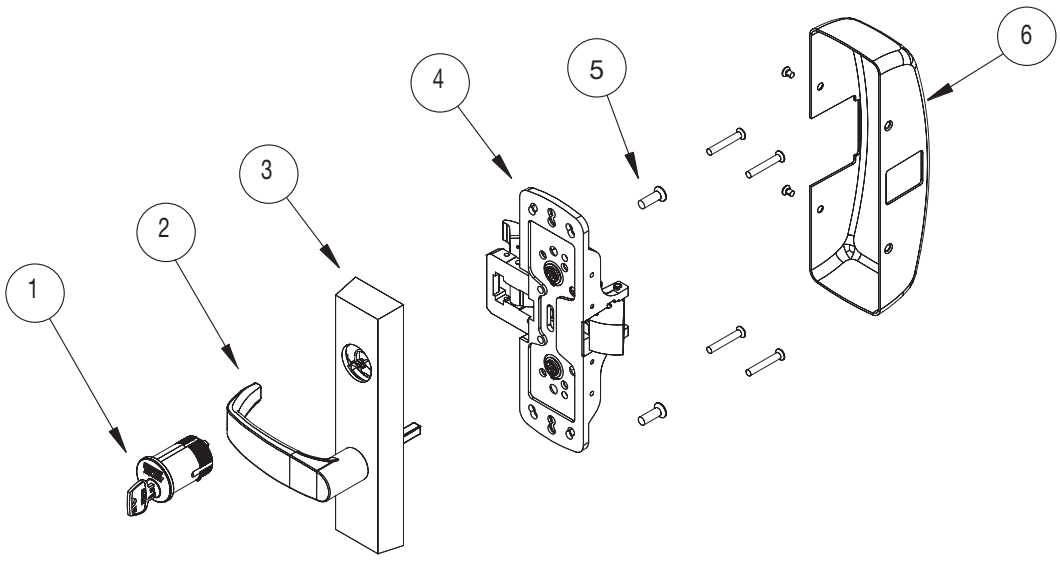
8877 and 8977 Series Exit Device Contents

- Outside escutcheon with magnetic swipe standard with optional proximity reader and/or keypad
- Outside motorized ET trim
- 8800 Rim or 8900 Mortise Lock Exit Device
- #46 Mortise cylinder for 8977 (1-3/4" Door)
- #34 Rim cylinder for 8877
- Inside escutcheon with circuit board and battery pack
- 6 "AA" alkaline batteries
- Screw Pack

8878 and 8978 Series Exit Device Contents

- Outside escutcheon with magnetic swipe standard with optional proximity reader and/or keypad
- Outside motorized ET trim
- 8800 Rim or 8900 Mortise Lock Exit Device
- Inside escutcheon with circuit board and battery pack
- 6 "AA" alkaline batteries
- Screw pack

8877/8878 x ET x Lever Design Passport 1000 Rim Exit Device

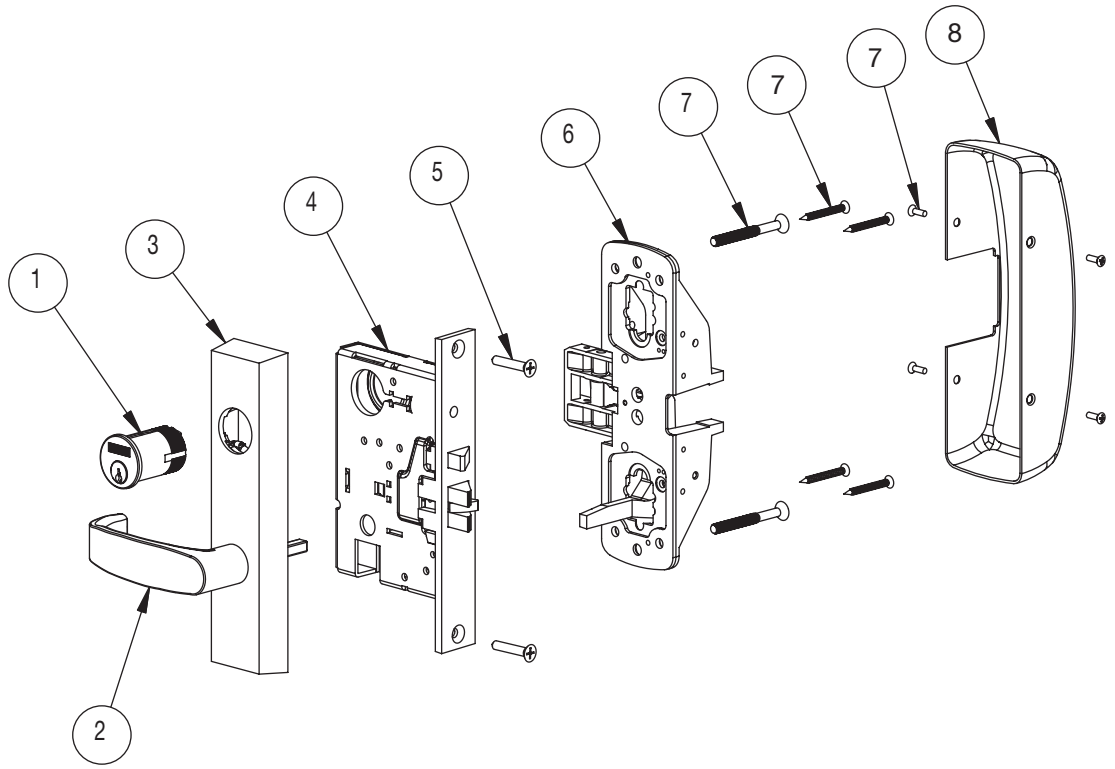


ITEM	PART No.	DESCRIPTION	REQ'D
1	--	Cylinder Assembly (Reference Catalog for Available Cylinders)	1
2	--	Lever (Reference Catalog for Available Styles)	1
3	97-4105	Exit Trim (ET) With Cylinder	1
	97-4106	Exit Trim (ET) Without Cylinder	
	52-4845	Motor Assembly (Separate - not shown)	1
4	68-7255	Chassis Assembly	1
	68-7256	Chassis Assembly (Fire Rated)	
	68-5836	Chassis Assembly (Latch Guarding)	
	68-5837	Chassis Assembly (Fire Rated Latch Guarding)	
5	01-4451	1/4-20 x 2-3/8" ET Screws	2
6	01-2273	#10 x 1-1/4" Chassis Screws	4
	01-1185	#10-24 x 3/4" Chassis Screws	4
7	97-0052	#8-32 x 5/16" Cover Screws	4
8	68-0406	Chassis Cover	1
	68-1014	Chassis Cover (With Guarding)	

SARGENT
ASSA ABLOY

Parts Breakdown (continued)

8977/8978 x RT x Lever Design Passport 1000 Mortise Exit Device



ITEM	PART No.	DESCRIPTION	REQ'D
1	--	Cylinder Assembly (Reference Catalog for Available Cylinders)	1
2	--	Lever (Reference Catalog for Available Styles)	1
3	97-4107	Exit Trim (ET) With Cylinder	1
	97-4108	Exit Trim (ET) Without Cylinder	
	52-4845	Motor Assembly (Separate - not shown)	
4	99-2401	8900 Lock Body Assembly LHR	1
	99-2402	8900 Lock Body Assembly RHR	
	99-2403	8900 Lock Body Assembly LHR (Non-Beveled Door)	
	99-2404	8900 Lock Body Assembly RHR (Non-Beveled Door)	
5	99-2628	Screw Pack	1
6	68-7253	Chassis Assembly LHR	1
	68-7254	Chassis Assembly RHR	
7	68-2143	Screw Pack	1
8	68-0407	Chassis Cover	1

03/31/14

6 Installation Instructions for 8877/8878 Rim Exit

1 Door Preparation

A. Verify Hand and Bevel of Door

- Check hand of door.

  The exit device is non-handed and the trim is field reversible.
- Door should be fitted and hung.

B. Verify Product Label

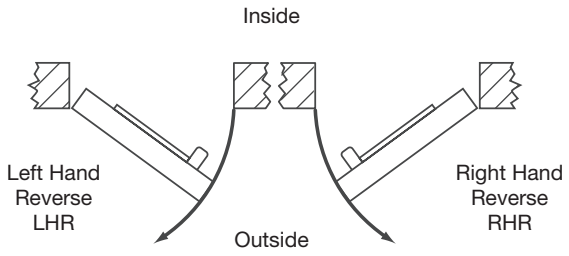


Fig. 1A

C. Door Preparation

1. If mullion is used, install prior to installing hardware.
2. Doors should be pre-prepped (recommended).
3. Use appropriate templates:
   - Passport 1000 template A7951 (wood and metal).
   - Exit installation instructions A6770.

   Note: Instruction examples show wood door installation.

   For metal doors, route cables inside door.

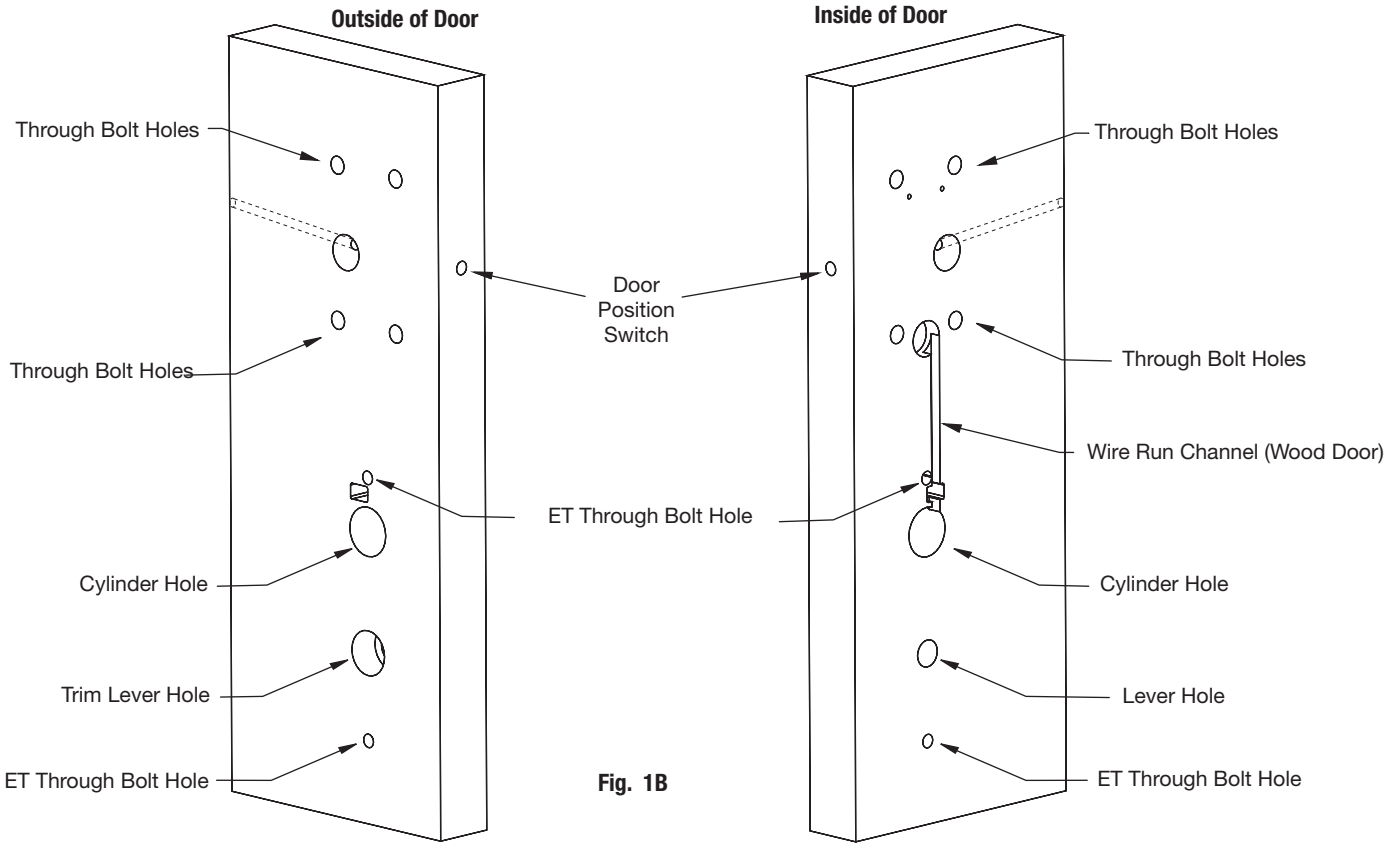


Fig. 1B

03/31/14

2 Install Door Position Switch (DPS)

Wood doors have 3/8” raceway to controller cutout and metal doors have 3/4” raceway to the controller cutout.

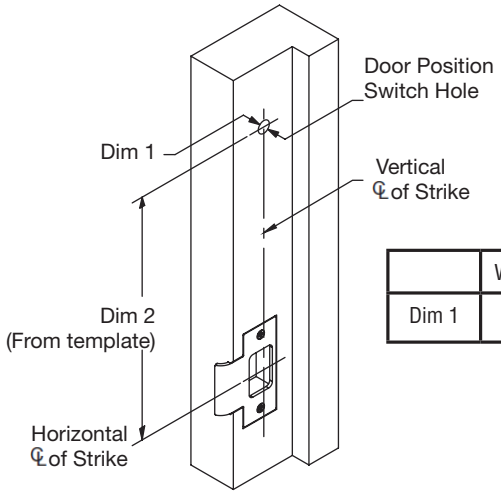
Refer to template A7951.

1. Insert connector end of DPS through the raceway on the latch edge of the door (Fig. 2A).

   Note: For metal doors, use DPS Collar.

2. Push DPS firmly into place by hand.

   IMPORTANT: DO NOT TAP SWITCH WITH ANY TOOL.



	Wood Frame	Metal Frame
Dim 1	3/8” ∅	3/4” ∅

Fig. 2B

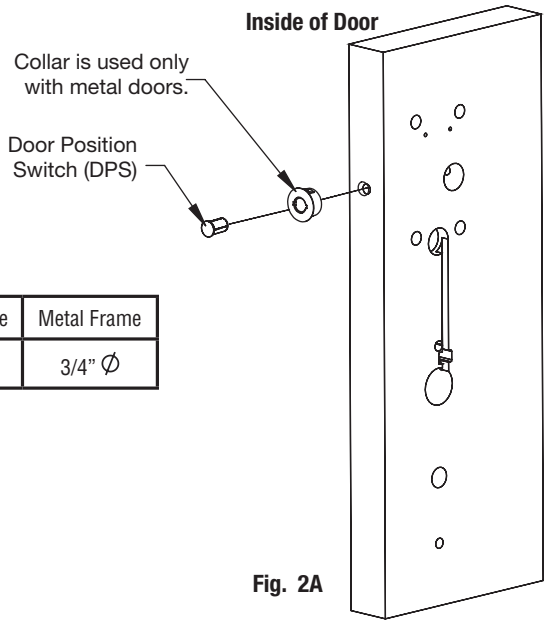


Fig. 2A

3 Position Exit Trim (ET)

For exterior applications, use ET gasket (52-0263) to seal between ET escutcheon and outside door surface.

1. For wood doors: Route ET wire harness through the cylinder hole, out the other side, and through the wire run channel to the controller cutout.

   For metal doors: Route ET wire harness through the cylinder hole and door and out the controller cutout.

2. Position and hold ET trim on the door.

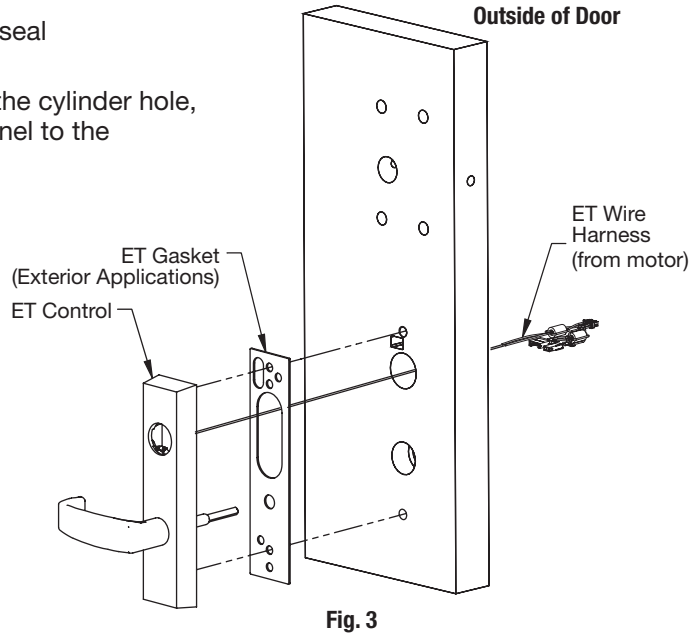


Fig. 3

4 Mount Exit Device Chassis

1. Position exit chassis carefully, verifying that the ET spindle engages the lower hub of the exit chassis.

   DO NOT PINCH THE WIRE HARNESS.

2. Secure the exit chassis with through bolts to the ET trim using (2) 1/4 -20 x 2-3/8" flat head machine screws.
3. For wood door applications, attach ground harness (Fig. 4C) using the top through-bolt screw.

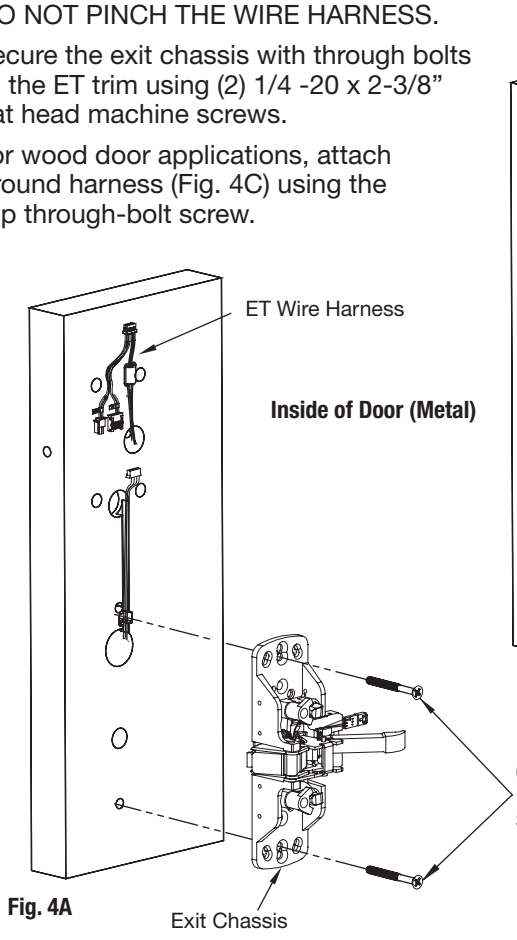


Fig. 4A

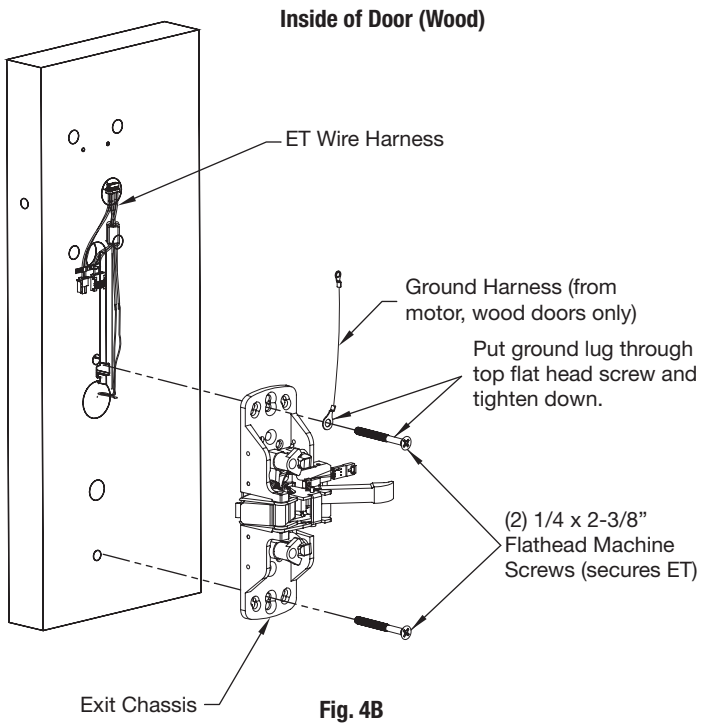


Fig. 4B

5 Install Cylinder

For devices without cylinder, go to Step 6.

1. While installing the rim cylinder, support the tail piece of the cylinder, verifying its engagement with the top hub of the exit chassis

   Note: Be sure ET harness is clear of cylinder and tailpiece.

2. Secure the cylinder by through-bolting the cylinder through the exit chassis using (2) #12-24 x 1-7/8" connecting screws (see Fig. 5A).
3. Verify that the key retracts latchbolt.

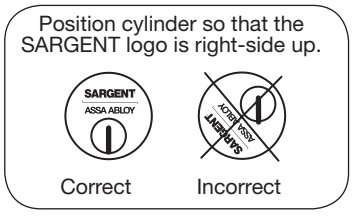


Fig. 5B

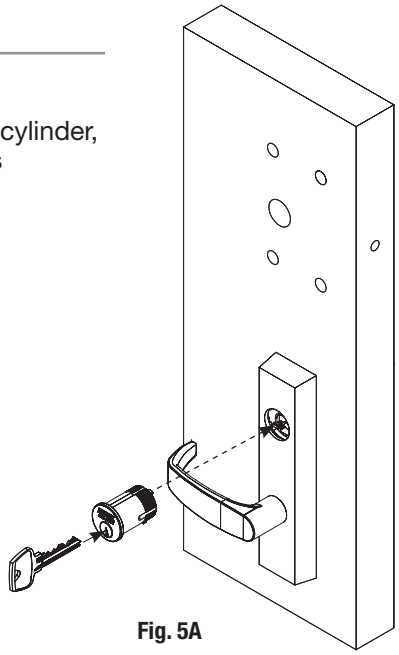


Fig. 5A

03/31/14

6 Secure Exit Chassis

To comply with UL certifications and for security: Fasten exit chassis to door using (4) #10 wood screws (for wood door) or (4) #10-24 machine screws (for metal door).

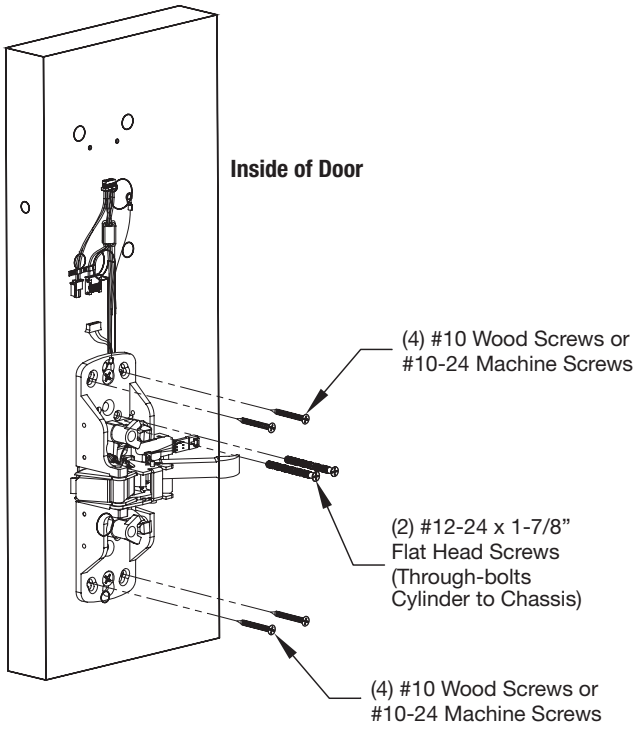


Fig. 6

7 Connect Door Position Switch (DPS)

Connect DPS to harness (Fig. 7A and 7B).

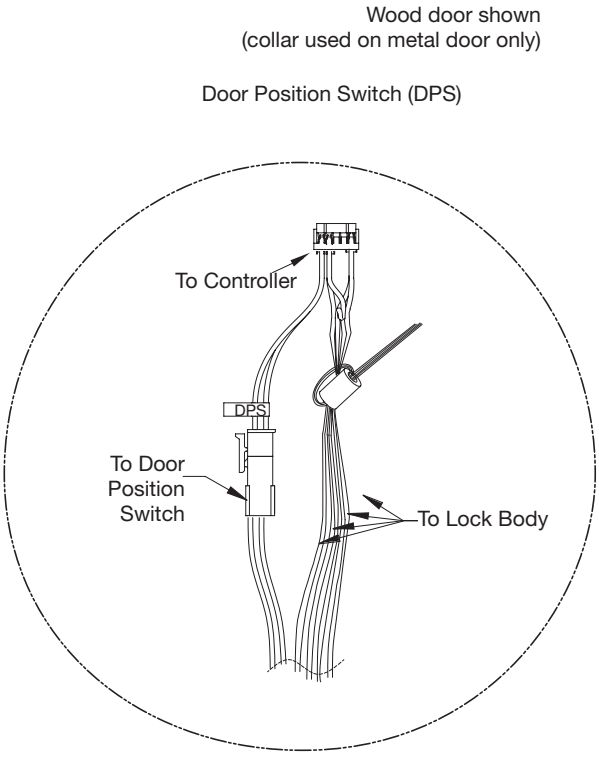


Fig. 7B

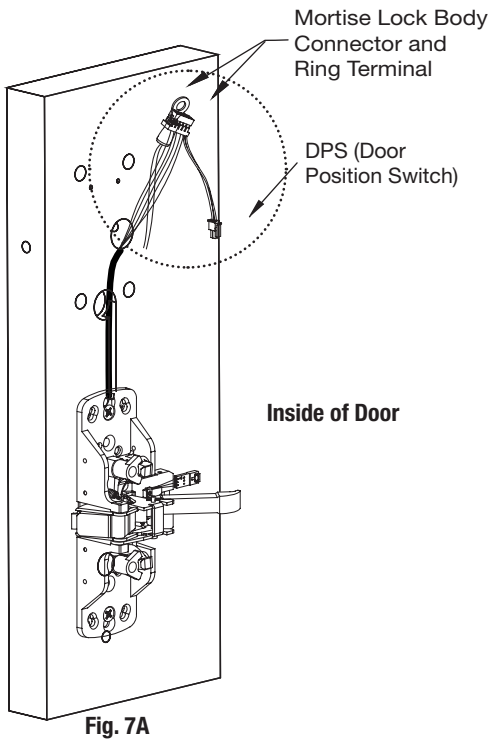


Fig. 7A

8 Install Chassis Cover

Secure chassis cover to chassis using (4) #8-32 x 5/16” oval head machine screws (Fig. 8).

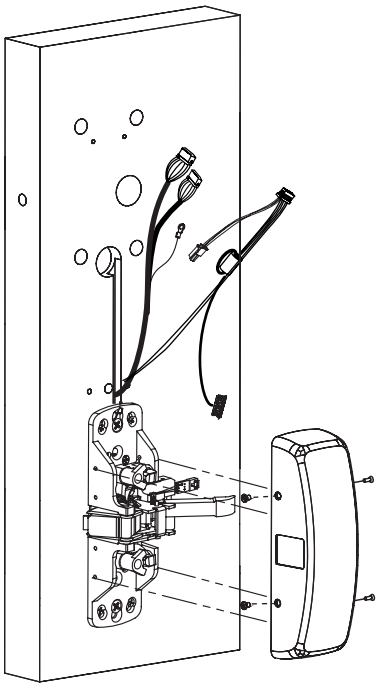


Fig. 8

9 Install Wire Cover (Wood Doors Only)

1. Position the wire cover plate above the chassis cover and covering the wire channel.

   Mark hole positions.

   Note: Make sure stamped side of plate is against door.
2. Drill (2) 3/32” diameter by 1/2” deep holes (Fig. 9A).
3. Cover wires with cover plate by securing plate to door directly above chassis (note orientation) using two (2) #6 x 1/2” flat head security torx wood screws (Fig. 9B).

   Note: Position lower edge of cover plate against the cover to ensure that no wires are visible.

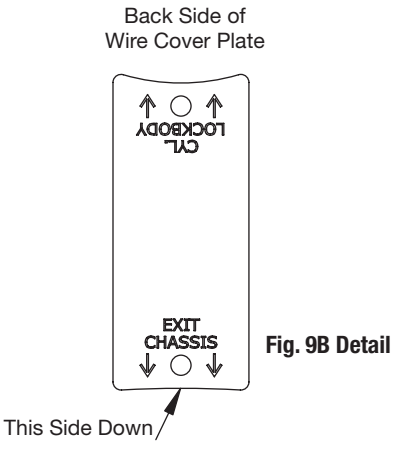


Fig. 9B Detail

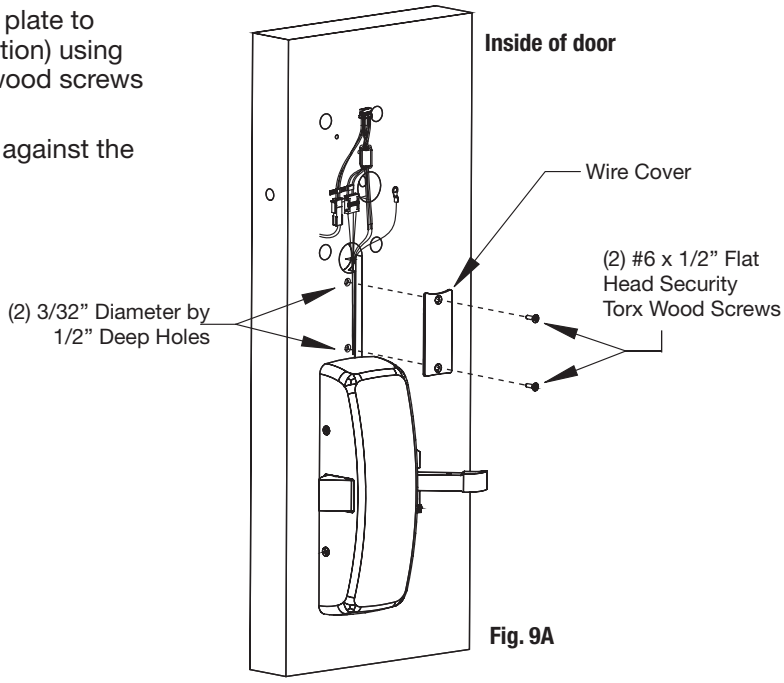


Fig. 9A

03/31/14

10 Install Outside Escutcheon (with Optional Gasket)

Note: Gasket optional, for non-fire rated doors only.

For non-fire rated door applications, an optional gasket (Part number 52-0782) may be used as a weather seal between the escutcheon and the outside door surface.

Peel off adhesive backing and attach to (outside) escutcheon.

1. Position the outside escutcheon, aligning the posts with the door prep (Fig. 10).
2. On the inside of the door, position the mounting plate over the indicated holes.
3. Feed reader cable through opening.
4. The cable from the lockbody feeds from the bottom.

Note: Cable lengths exaggerated for illustrative purposes.

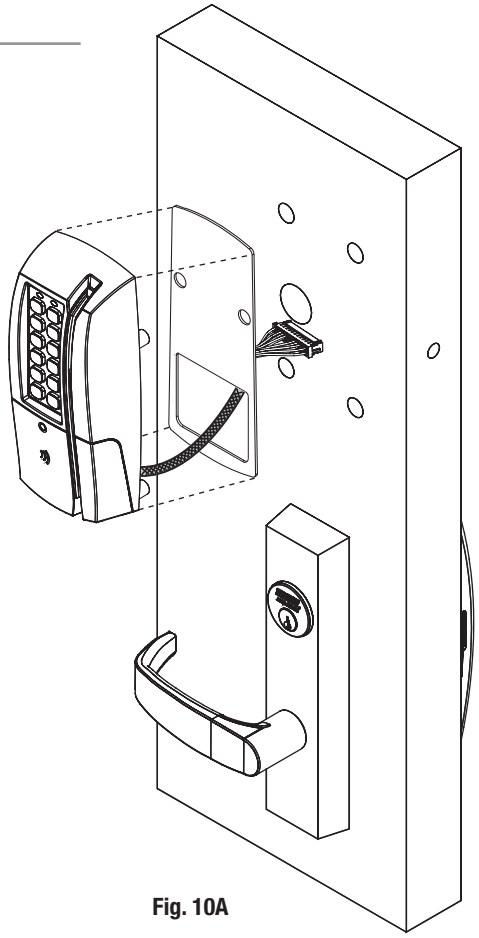


Fig. 10A

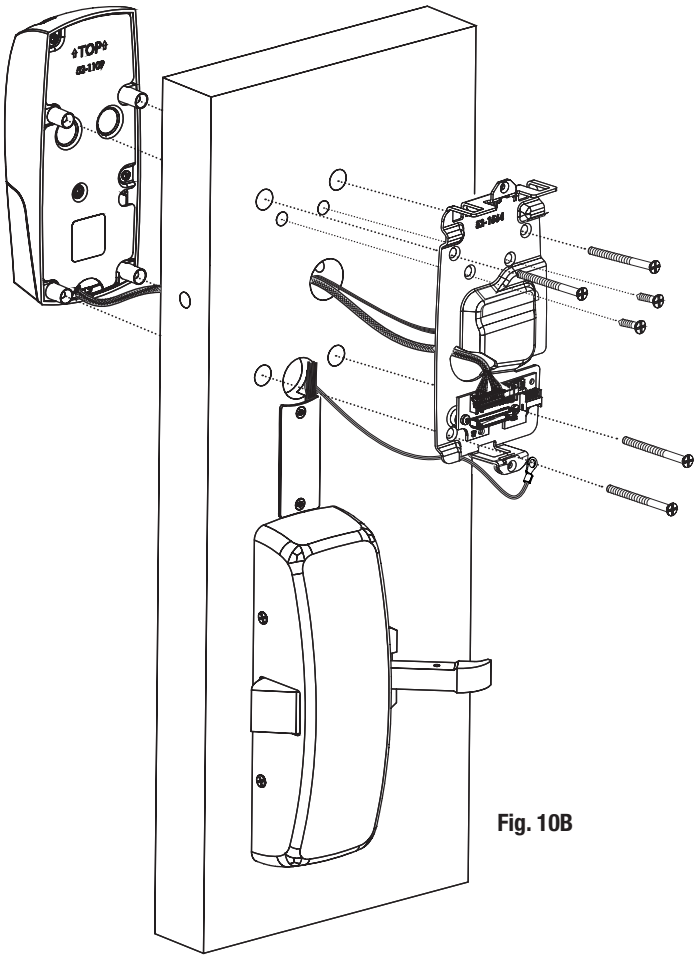


Fig. 10B

03/31/14

11 Installation of Connectors

CAUTION - Do not touch or allow debris to enter connector contacts.

Secure the following connectors to their respective terminals (Fig. 11A, B):

A. Secure the 10-pin lock body assembly connector.

*NOTE: Optional 2-pin external 12-24VDC power connector.

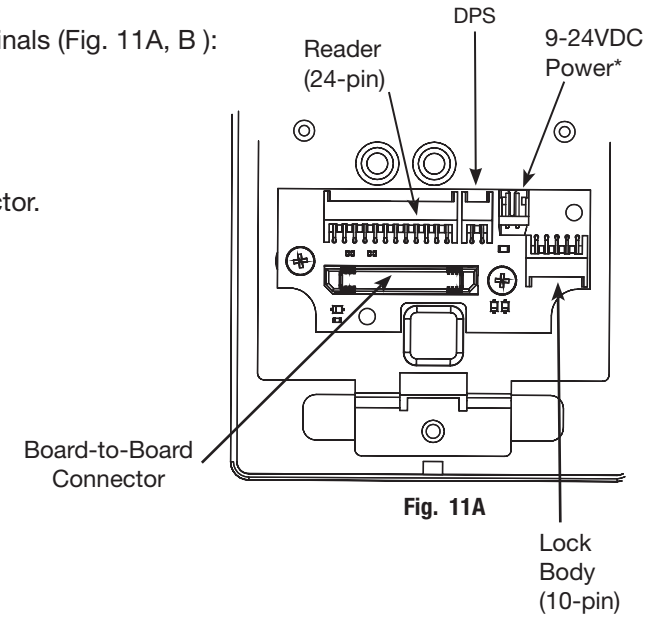


Fig. 11A

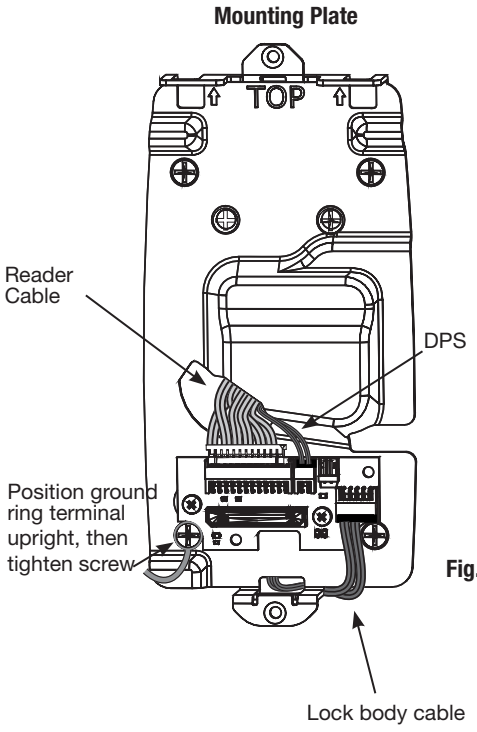
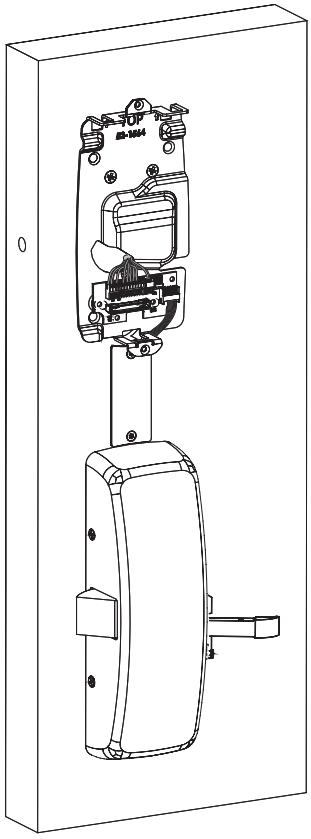


Fig. 11B



Wire Positioning:

Please follow these steps prior to installing inside escutcheon to prevent any damage caused by pinching wires:

B. Tuck excess cable into wire hole on inside of door.

C. Finish securing mounting plate and reader to door by fully tightening through-bolts on inside of door.

Note: Ensure groundring is positioned upright.

D. Secure the 24-pin card reader connector.

12 Installing the Controller

1. Insert bottom tab of controller into slot on mounting plate (Fig. 12A, B).
2. Looking down from top of controller, ensure proper alignment of board-to-board connectors (Fig. 13B) while pivoting controller toward door until two tabs on top snap securely into place on mounting plate.

CAUTION: To avoid possible damage to board-to-board connectors, care should be taken when securing controller to mounting plate. If there is resistance when securing, detach controller to determine cause before re-attaching controller.

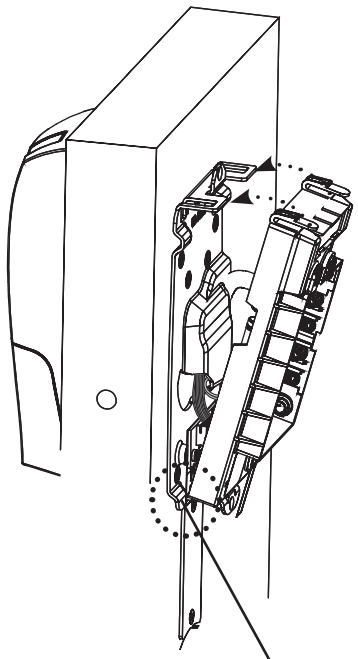


Fig. 12A

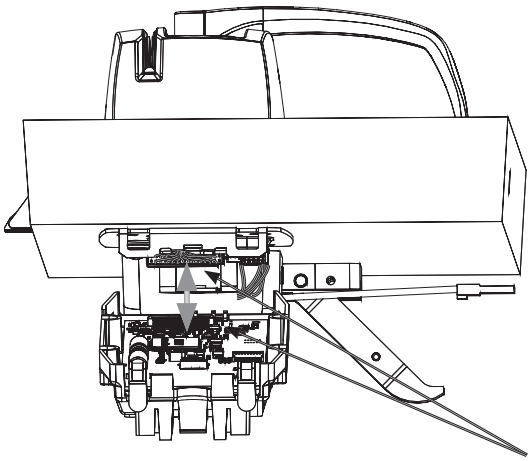


Fig. 12B

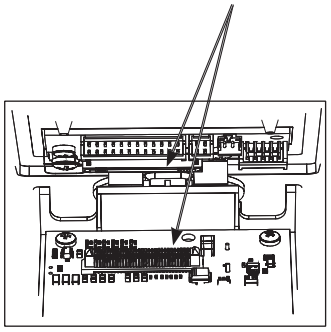


Fig. 12B Detail

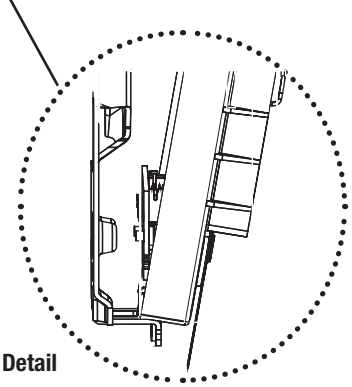


Fig. 12A Detail

13 Install Battery Pack

Before installing batteries for the first time:

Remove **pull tab** from its position beneath the coin cell by pulling on tab in direction of arrows printed on tab (Fig. 13).

a. Place (6) “AA” alkaline batteries in the compartment, being careful to align polarity properly.

b. After batteries are installed, there is a slight delay; then the LED will flash amber and the lock motor will cycle.

For battery replacement:

When replacing the (6) “AA” alkaline batteries in the compartment, please note batteries must be replaced within five (5) minutes to prevent the internal clock from becoming inaccurate.

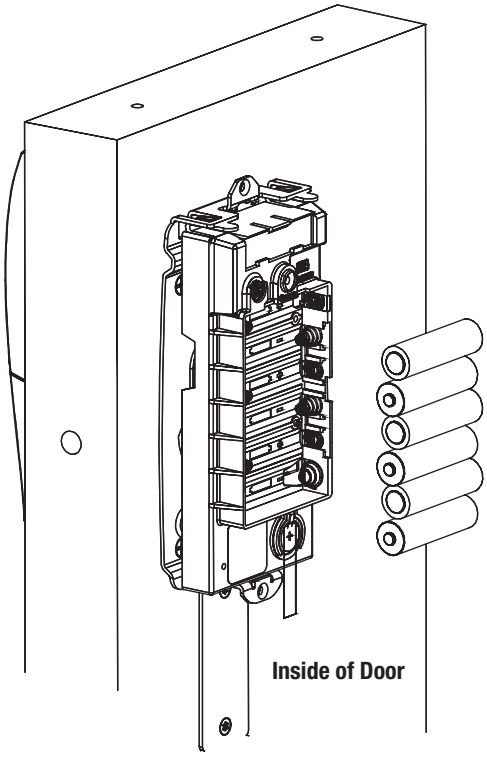


Fig. 13

14 Install Inside Escutcheon

1. Position inside escutcheon as shown (Fig. 14).
   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.

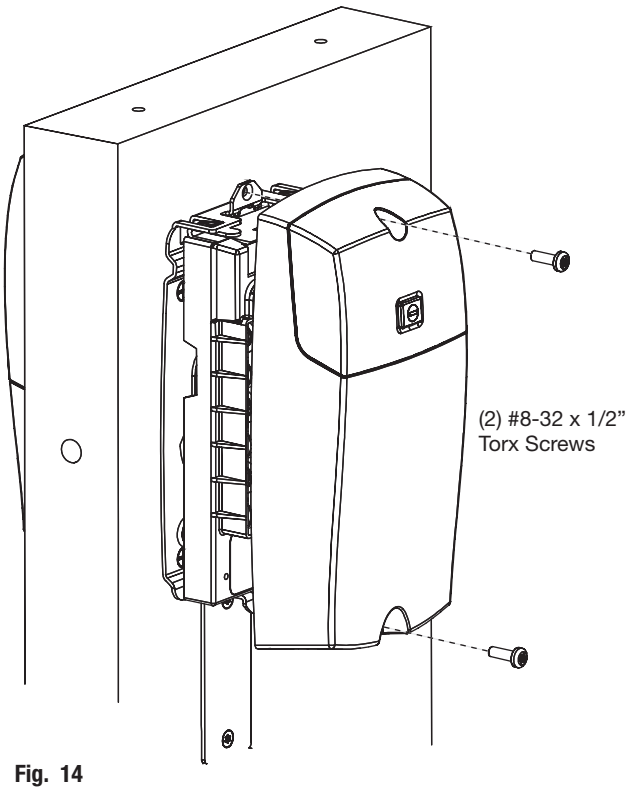


Fig. 14

16 Installation of Rail Assembly

1. Retrieve harness from end of rail.

   Note: Length of harness requires caution when handling to avoid damage. Harness should not be stretched or overextended.
2. Attach harness to female connector on chassis.
3. Install rail and screws per exit device instructions.

Note: This view shows rim exit device version.

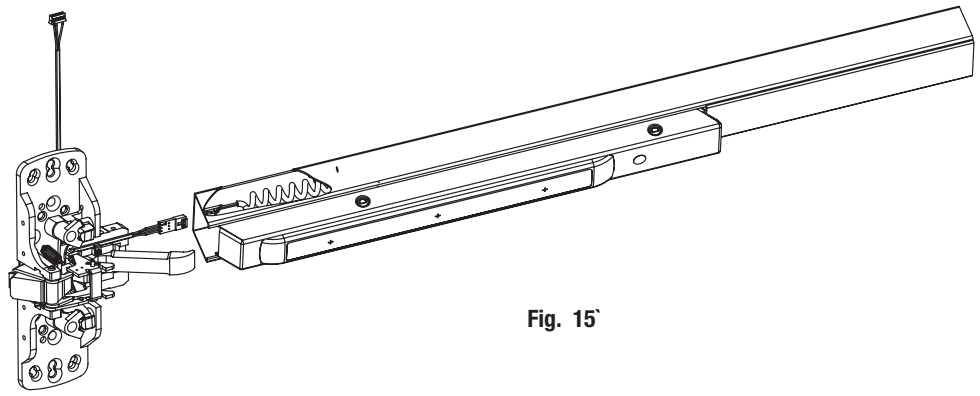


Fig. 15`

7 Installation Instructions for Mortise Type 8977/8978 Exit Device

1 Door Preparation

A. Verify Hand and Bevel of Door

- Check hand of door.
  This exit device is handed and is not reversible.
- Door should be fitted and hung.

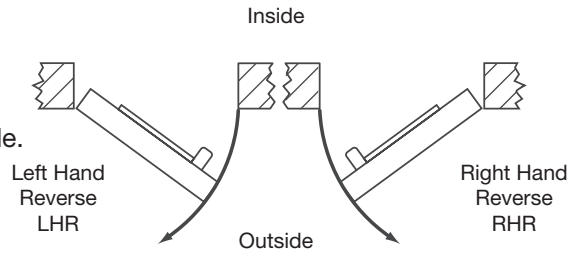


Fig. 1A

B. Door Preparation

1. If using a mullion, install it prior to installing hardware.
2. Doors should be pre-prepped (recommended).
3. Use appropriate templates:
   - Passport 1000 template A7952 (Field Prep Template).
   - Exit installation instructions A6705.
     Note: Instruction examples show wood door installation.
     For metal doors, route cables inside door.

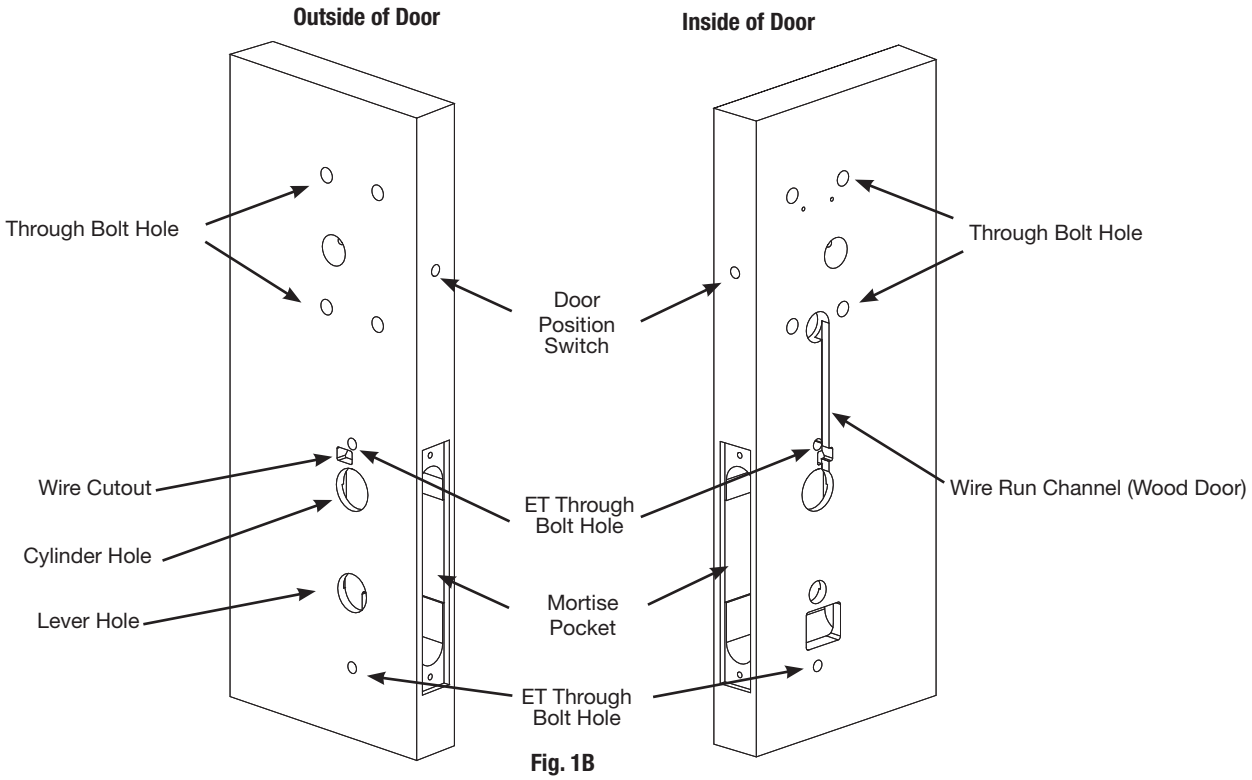


Fig. 1B

2 Install Door Position Switch (DPS)

Wood doors have 3/8" raceway to controller cutout and metal doors have 3/4" raceway to the controller cutout.

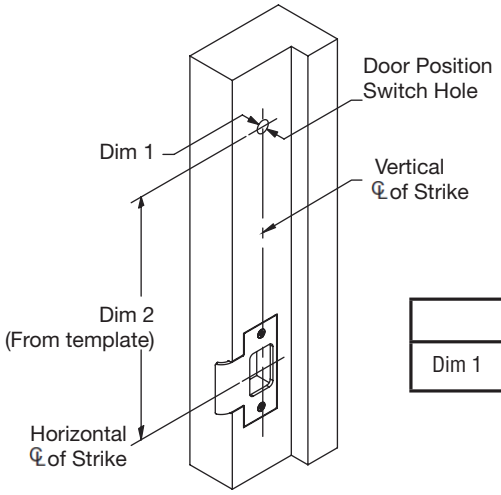
Refer to template A7951.

1. Insert connector end of DPS through the raceway on the latch edge of the door (Fig.6A).

   Note: For metal doors, use DPS Collar.

2. Push DPS firmly into place by hand.

   IMPORTANT: DO NOT TAP SWITCH WITH ANY TOOL.



	Wood Frame	Metal Frame
Dim 1	3/8" Ø	3/4" Ø

Fig. 2B

Inside of Door

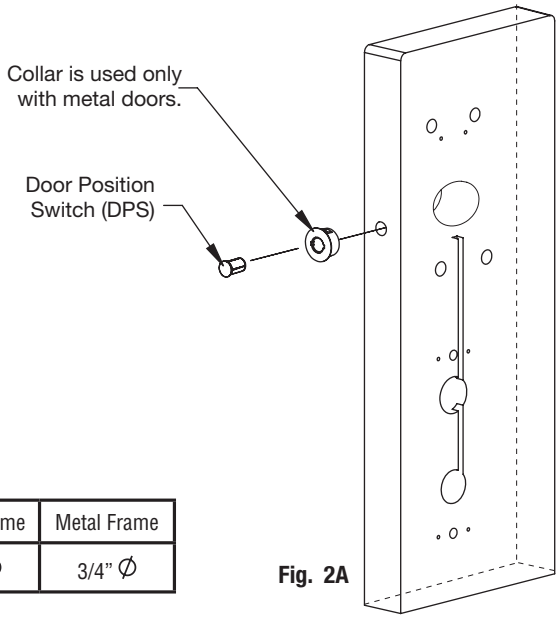


Fig. 2A

3 Position Exit Trim (ET)

1. Slide mortise lock into door and loosely secure with (2) flat head screws.

   Note: For exterior applications, use ET gasket (52-0263) to seal between ET trim and the door surface.

2. For wood doors: Route ET wire harness through the wire cutout, out the other side and through the Wire Run Channel (on the inside) to the Controller Cutout.

   For metal doors: Route ET wire harness through the wire cutout and door and out the controller cutout.

3. Position the ET trim so the ET spindle engages the mortise lock hub and hold in place.

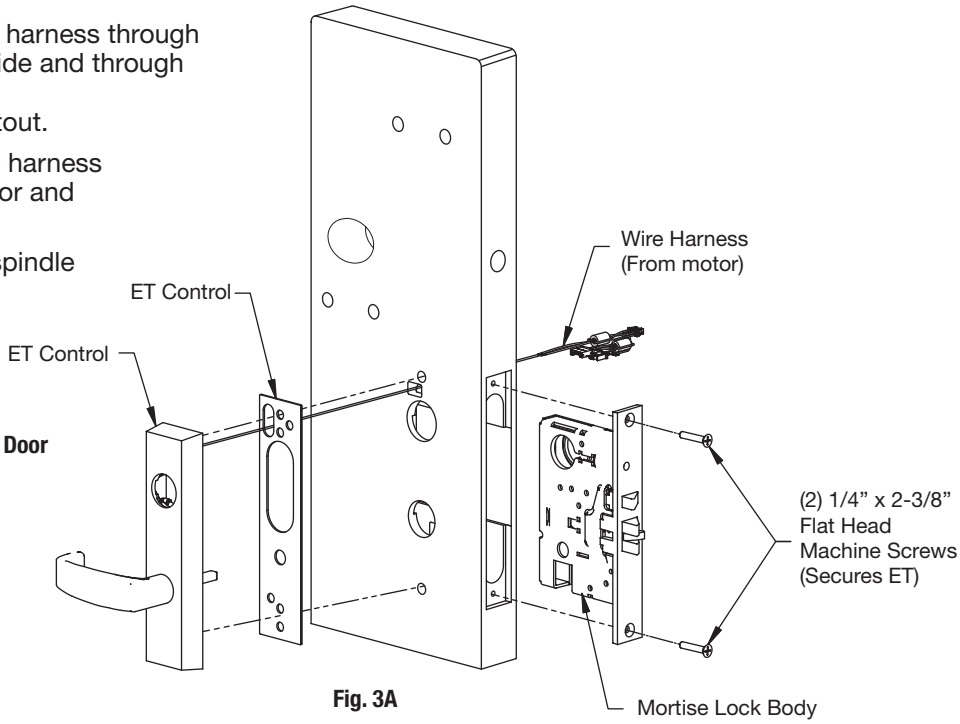


Fig. 3A

03/31/14

4 Mount Exit Device Chassis

1. Position exit chassis carefully, verifying the chassis lift lever engages the mortise lock (Fig. 4B).
   DO NOT PINCH THE WIRE HARNESS.
2. Secure the exit chassis by through bolting to the ET trim with (2) 1/4 -20 x 2-3/8" flat head machine screws.
3. For wood door applications, attach Ground Harness as shown in Fig. 2B, using the top through-bolt screw

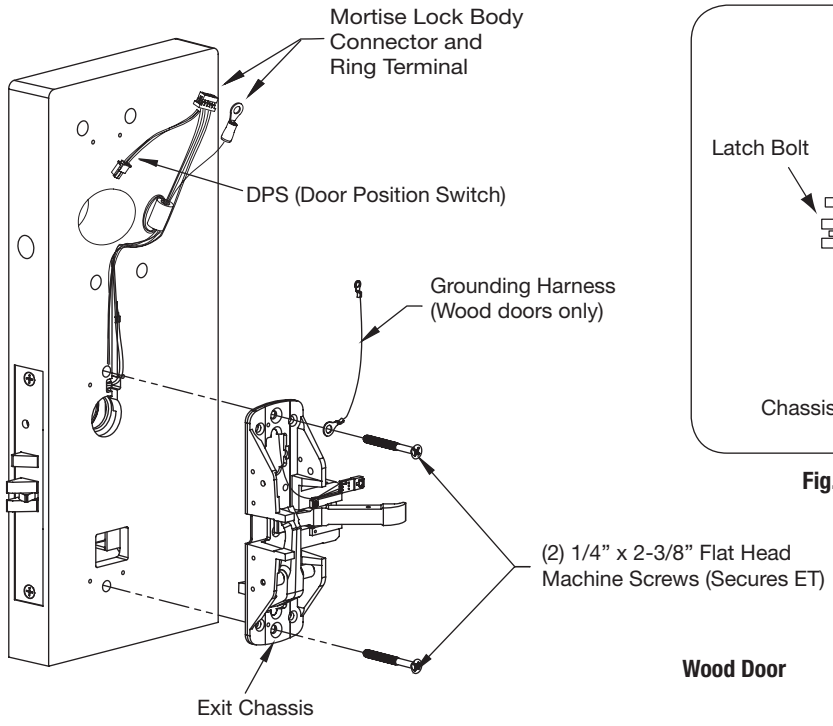


Fig. 4A

Wood Door

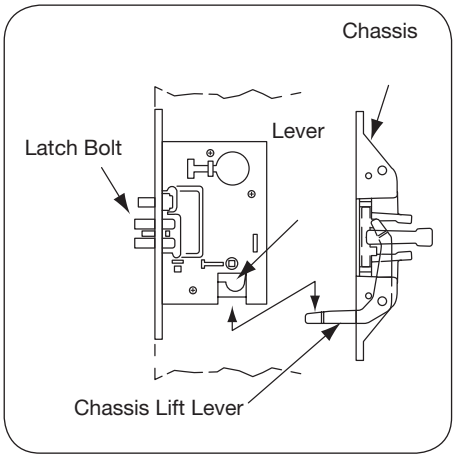
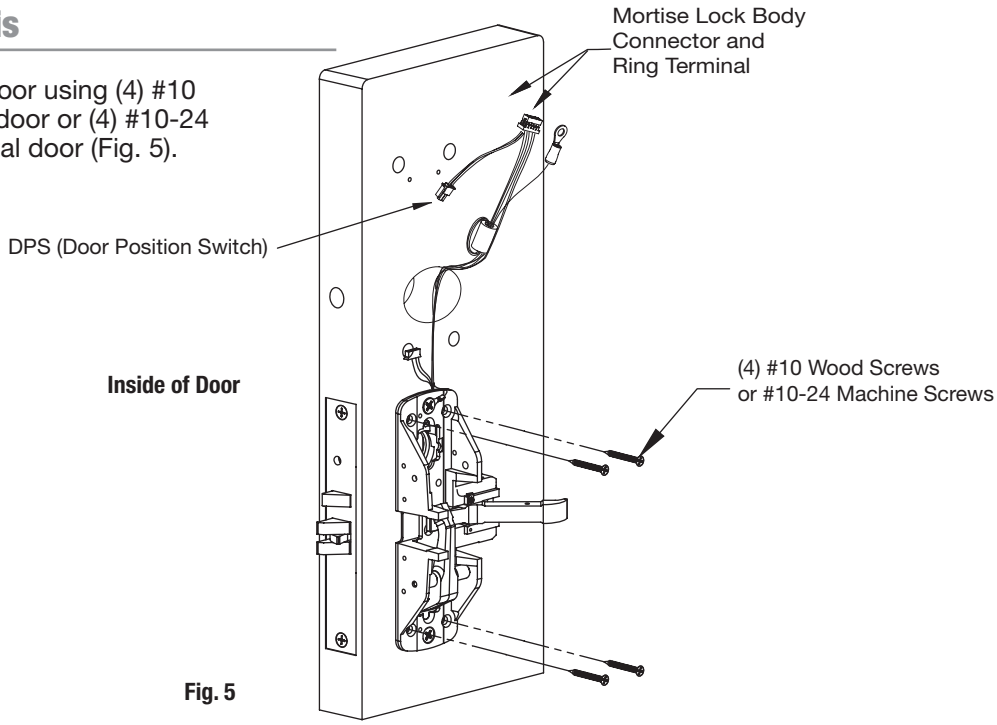


Fig. 4B Detail

5 Secure Exit Chassis

Fasten exit chassis to door using (4) #10 wood screws for wood door or (4) #10-24 machine screws for metal door (Fig. 5).



Inside of Door

Fig. 5

6 Install Cylinder

For devices without cylinder, go to Step 7.

1. Slide cylinder through ET Trim and thread into the lockbody, rotating the cylinder clockwise.

   Cylinder should rest flush on ET Case.

   Note: SARGENT logo must be horizontal and on the top of the cylinder (Fig. 6B).
2. Secure the cylinder by tightening cylinder clamp screw located above the guardbolt.
3. Verify that the key retracts the latchbolt.

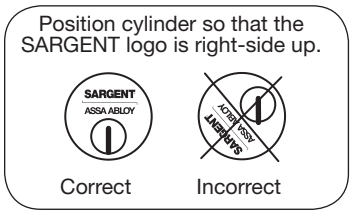


Fig. 6B

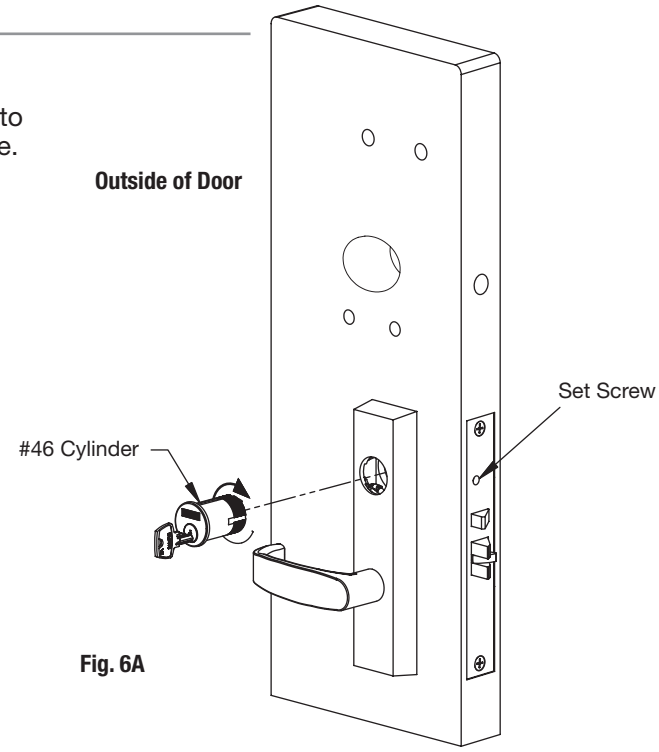


Fig. 6A

7 Install Chassis Cover

Secure chassis cover to chassis using (4) #8-32 x 5/16" oval head machine screws.

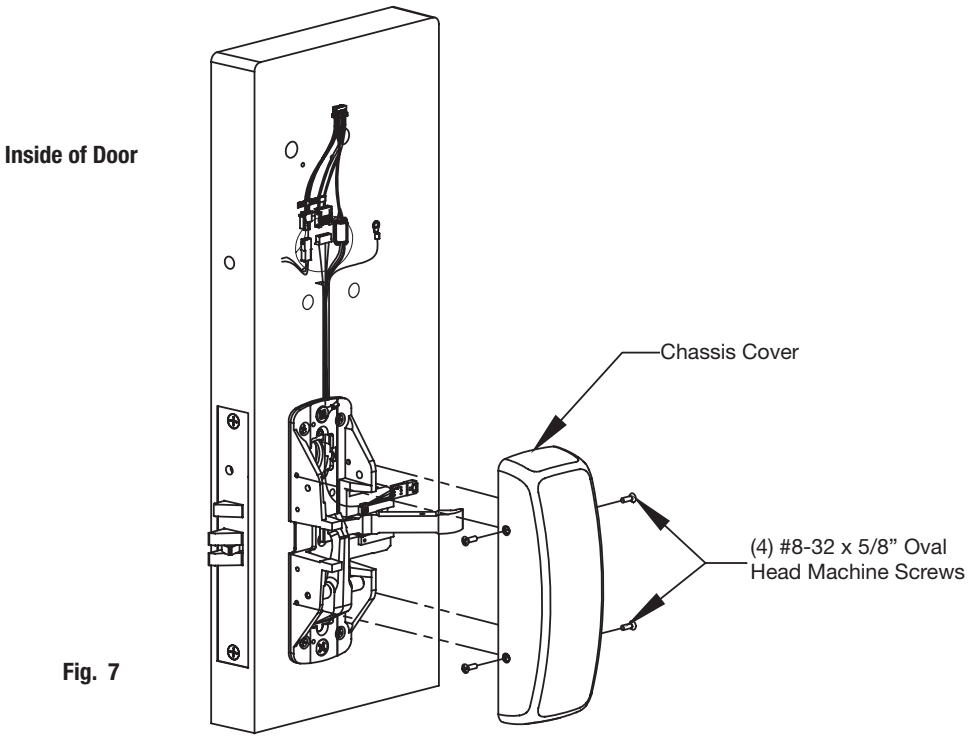


Fig. 7

03/31/14

8 Install Wire Cover (Wood Doors Only)

1. Position the wire cover plate above the chassis cover and covering the wire channel.

   Mark hole positions.

   Note: Make sure stamped side of plate is against door.
2. Drill (2) 3/32” diameter by 1/2” deep holes (Fig. 8A).
3. Cover wires with cover plate by securing plate to door directly above chassis (note orientation) using two (2) #6 x 1/2” flat head security torx wood screws (Fig. 8B).

   Note: Position lower edge of cover plate against the cover to ensure that no wires are visible.

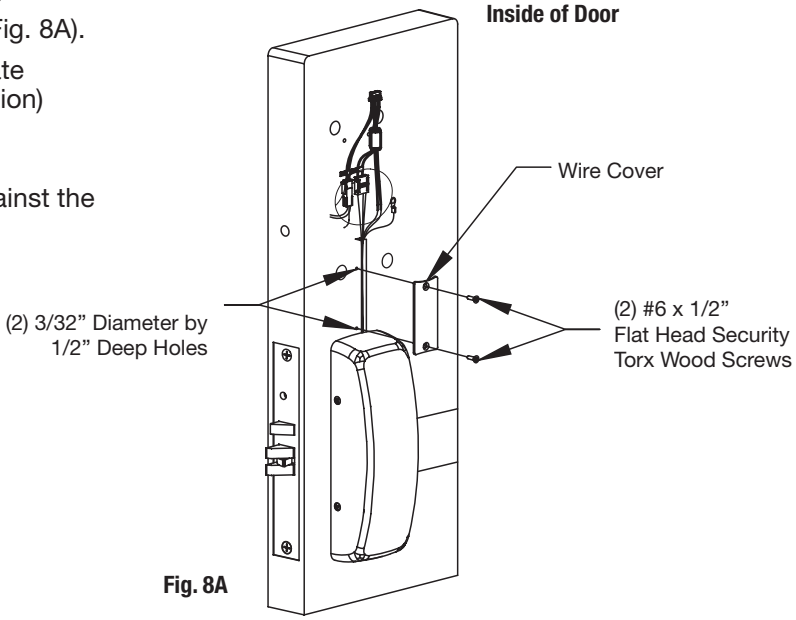


Fig. 8A

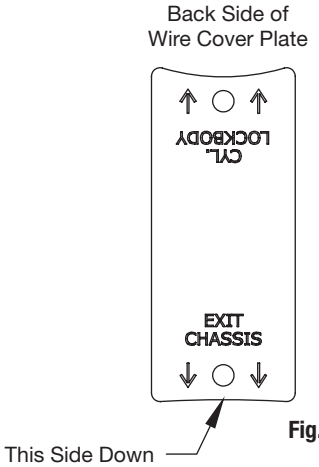


Fig. 8B Detail

9 Install Outside Escutcheon (with Optional Gasket)

Note: Gasket optional, for non-fire rated doors only.

For non-fire rated door applications, an optional gasket (Part number 52-0782) may be used as a weather seal between the escutcheon and the outside door surface.

Peel off adhesive backing and attach to (outside) escutcheon.

1. Position the outside escutcheon, aligning the posts with the door prep (Fig. 9).
2. On the inside of the door, position the mounting plate over the indicated holes.
3. Feed reader cable through opening.
4. The cable from the lockbody feeds from the bottom.

Note: Cable lengths exaggerated for illustrative purposes.

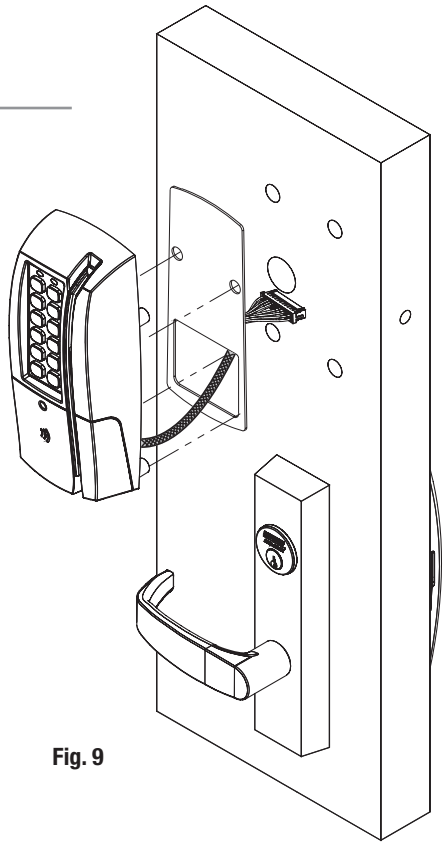


Fig. 9

10 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 (Fig. 10A).
3. Feed controller and keypad wires/cables through side opening (Fig. 10B).

   Ground wire routes through bottom of mounting plate.
4. Route ground ring terminal from lock body through bottom of mounting plate and attach to to bottom right corner using one #8-32 x 1-7/8" flat head machine screw.

   Make sure it is positioned upright (Fig. 10B).
5. Insert other three #8-32 x 1-7/8" flat head machine screws and tighten, fastening the outside escutcheon to the door (Fig. 10B).

   IMPORTANT: If the following step is skipped, the product will not be UL-compliant:
6. 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. 10C).

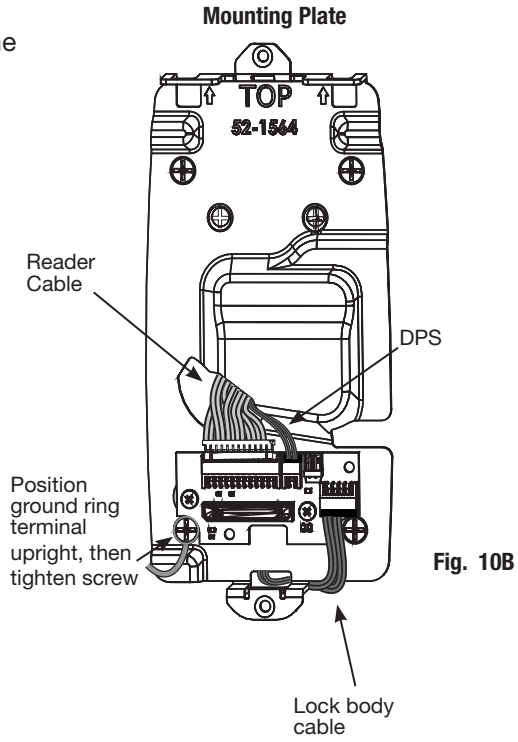


Fig. 10B

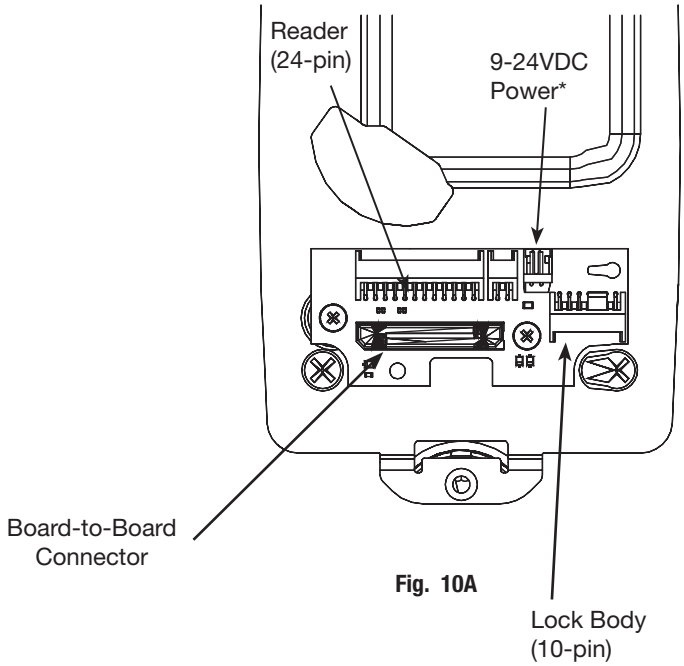


Fig. 10A

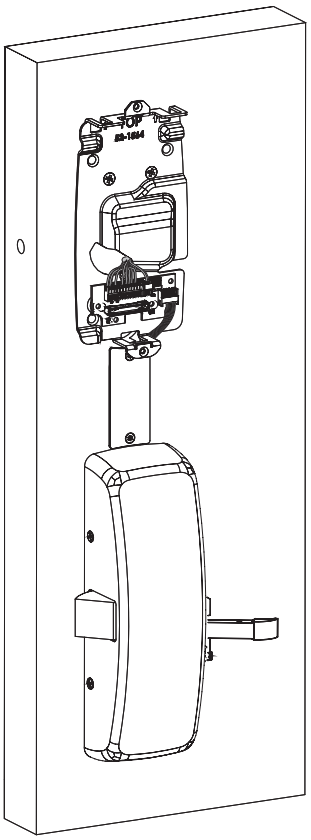


Fig. 10C

11 Installing the Controller

1. Insert bottom tab of controller into slot on mounting plate (Fig. 11A, B).
2. Looking down from top of controller, ensure proper alignment of board-to-board connectors (Fig. 11B) while pivoting controller toward door until two tabs on top snap securely into place on mounting plate.

CAUTION: To avoid possible damage to board-to-board connectors, care should be taken when securing controller to mounting plate. If there is resistance when securing, detach controller to determine cause before re-attaching controller.

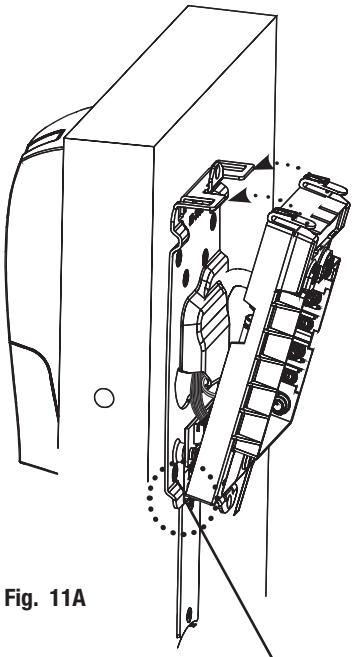


Fig. 11A

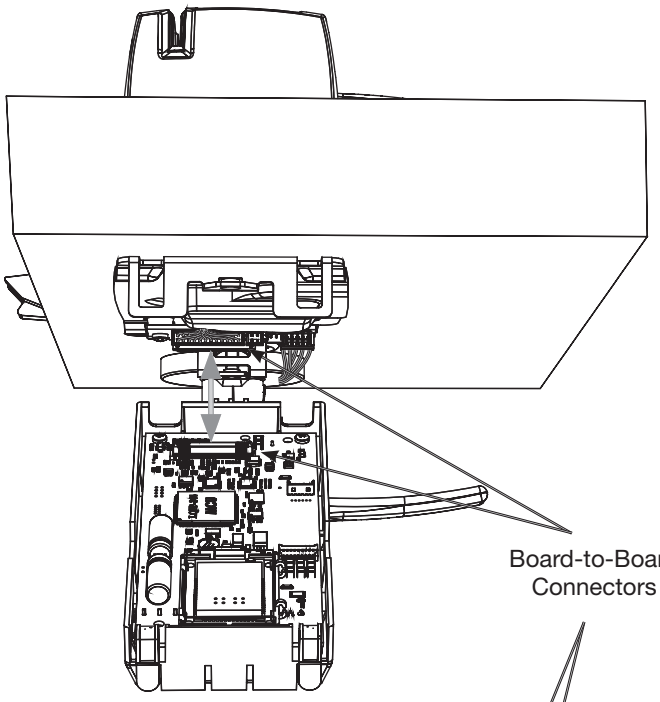


Fig. 11B

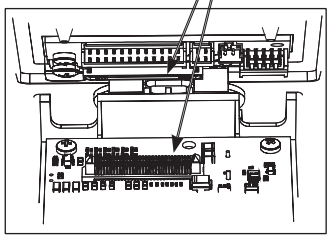


Fig. 11B Detail

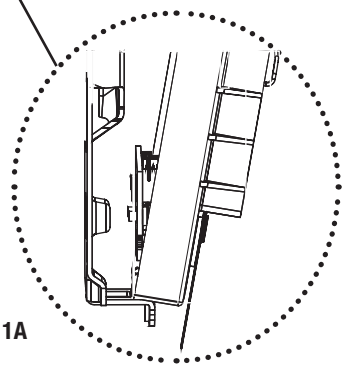


Fig. 11A
Detail

12 Install Battery Pack

Before installing batteries for the first time:

Remove **pull tab** from its position beneath the coin cell by pulling on tab in direction of arrows printed on tab (Fig. 12).

a. Place (6) “AA” alkaline batteries in the compartment, being careful to align polarity properly.

b. After batteries are installed, there is a slight delay; then the LED will flash amber and the lock motor will cycle.

For battery replacement:

When replacing the (6) “AA” alkaline batteries in the compartment, please note batteries must be replaced within five (5) minutes to prevent the internal clock from becoming inaccurate.

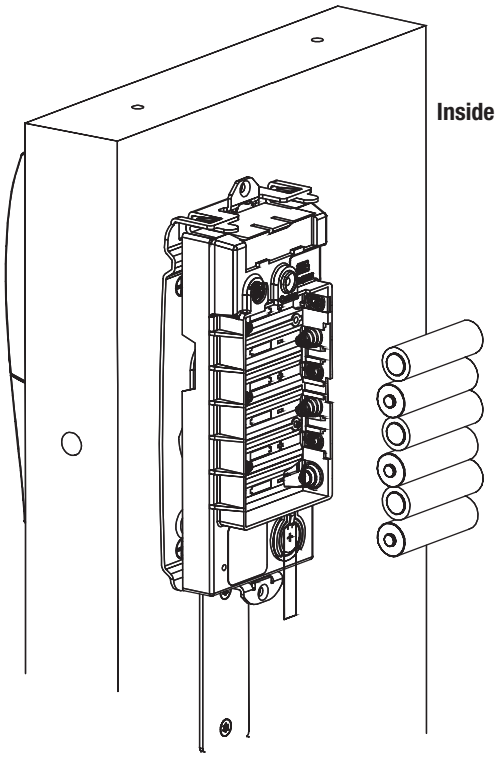


Fig. 12

13 Install Inside Escutcheon

1. Position inside escutcheon as shown (Fig. 13).
   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.

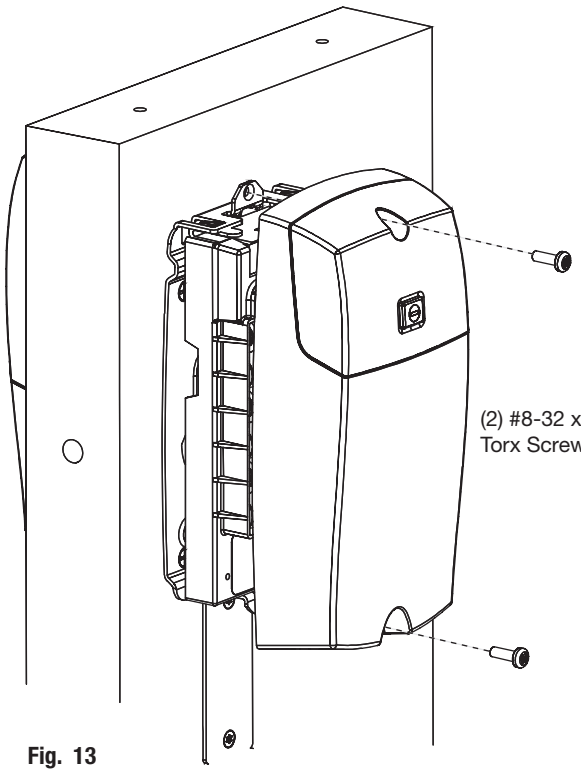


Fig. 13

03/31/14

14 Installation of Rail Assembly

1. Retrieve harness from end of rail.
   Note: Harness has limited travel and can be damaged.
2. Attach harness to female connector on chassis.
3. Install rail and screws per exit device instructions.
   Note: This view shows rim exit device version.

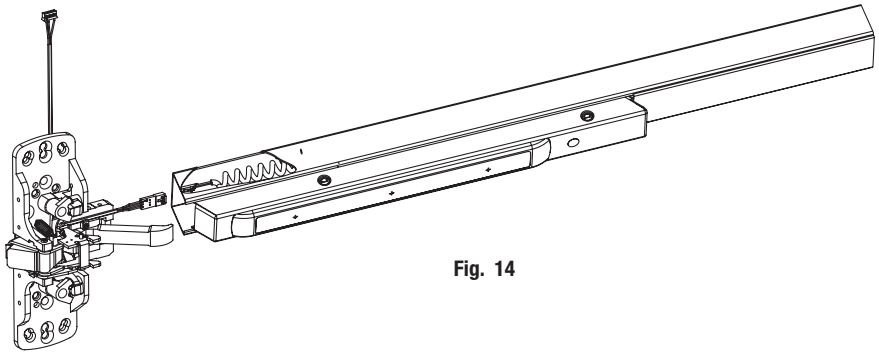
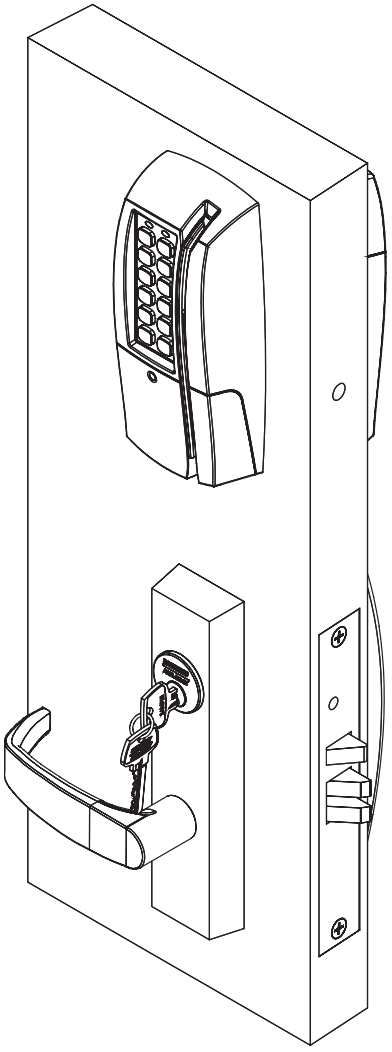


Fig. 14

8 Operational Check



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

In all cases, perform the following checks:

1. Ensure that inside lever retracts latch.
   - For units with cylinders, the following checks apply:

     Insert key into cylinder and rotate:

     a. There should be no friction against lock case or any other obstructions. If friction or binding occurs, readjust cylinder to eliminate issues.

     b. The key should retract the latch and the key should rotate freely.
   - 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 signaling:
   - 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 lock loses power, it will flash rapid amber for approximately one minute. Lock will default to programmed fail safe or fail secure.

     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.

03/31/14

SARGENT

ASSA ABLOY

SARGENT Manufacturing
100 Sargent Drive
New Haven, CT 06511 USA
1-800-810-WIRE (9473) • www.sargentlock.com

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.

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

A8012F-03/14