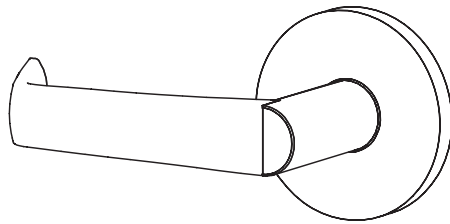
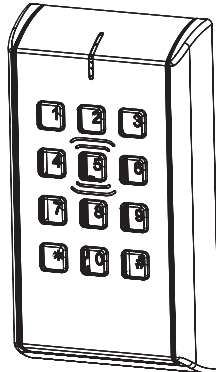


Installation Instructions

SARGENT
ASSA ABLOY

IN120 WiFi / IN220 PoE

FM7300, BL7300, 7300 Series Multi-Point Lockset



Attention Installer:

Please read these instructions carefully to prevent missing important steps. Improper installations may result in damage to the lock and void the factory warranty. The accuracy of the door preparation is critical for proper functioning and security of this lock. Misalignment can cause premature wear and a lessening of security.

For specific security information, please contact your local ASSA ABLOY Door Security Solutions sales consultant or call 800-810-9473.



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.

Ce produit peut vous exposer au plomb qui, dans l'état de la Californie, est reconnu pour causer le cancer, des anomalies congénitales ou d'autres problèmes de reproduction.

Pour plus d'informations, visitez: www.P65warnings.ca.gov.

1-800-810-9473 • www.sargentlock.com

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A8397-2 07/2025

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IN120 WiFi / IN220 PoE

FM7300, BL7300, 7300 Series Multi-Point Lockset

Installation Instructions



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1. Warning

Changes or modifications to this device not expressly approved by ASSA ABLOY 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.
- The card reader shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more.

Innovation, Science and Economic Development Canada:

Under Innovation, Science and Economic Development 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'Innovation, Sciences et Développement économique 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.

General Regulatory Compliance:

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

Ce dispositif contient des émetteurs/récepteurs exemptés de licence conformes aux RSS d'Innovation, Sciences et Développement économique Canada. L'opération est sujette aux deux conditions suivantes: (1) ce dispositif peut ne pas causer l'interférence, et (2) ce dispositif doit accepter n'importe quelle interférence reçue, y compris l'interférence qui peut causer l'opération peu désirée a le dispositif.

This equipment complies with FCC and IC radiation exposure limits set forth for general population (uncontrolled environment). This device must not be co-located or operating in conjunction with any other antenna or transmitter. Cet équipement est conforme aux limites d'exposition aux radiations de la FCC et IC définies pour la population générale (environnement non contrôlé). Cet appareil ne doit pas être co-localisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.



CAUTION: When using hard power, DO NOT install batteries.
AVERTIR: Ne pas installer de batteries si vous utilisez l'alimentation électrique.

CAUTION: Risk of Explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
AVERTIR: Risque d'explosion si la batterie est remplacée par un type incorrect. Jetez le batteries usagées conformément aux instructions.

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. Regulatory and Power Specifications

Electronic Authentication Specifications (Mobile Credentials)

- Mobile Credentials are transmitted to the lock via Bluetooth Smart or NFC ISO/IEC14443 and must use a mobile device enabled with these technologies.
- Credential and mobile device versions are specified by the credential provider.
- User must acquire the latest HID Mobile Access application (if applicable) available from Google Play or on the App Store.

This product is not intended for outside wiring as covered by Article 800 in the National Electrical Code, NFPA 70.

Compliance with IEEE 802.3 (at or af) specifications was not verified as part of UL294/B

The system shall not be installed in the fail-secure mode unless permitted by the local authority having jurisdiction and shall not interfere with the operation of listed panic hardware.

- UL Listed - UL 294 Outdoor Use
- CUL Listed - ULC-60839-11-1, Grade 1, Environmental Class: Outdoor Use
- UL 294 Access Control Ratings:

Destructive Attack	Level 1
Line Security	Level 1
Endurance	Level 4
Standby Power	Level 1

Power Supply Specifications

IN120 (WiFi version):

- Battery Power:
Alkaline AA Batteries (6): 9V, 300mA
To comply with Fire Listed doors, batteries must be replaced with alkaline batteries only
- Optional Hard Power (UL 294 Listed Power Supply Required):
9-24VDC, 200mA

CAUTION: When using Hard Power, DO NOT install batteries.

CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

IN220 (PoE version):

- Power over Ethernet: Use UL 294 Listed, PoE Injector or Class 2 power limited power supply (55VDC, 90mA)
- UL testing was conducted on product powered by UL listed model POE20U-560(G) PoE Injector, manufactured by Phihong

Wiring methods shall be in accordance with the National Electrical Code (ANSI/NFPA70), CSA 22.1, Canadian Electrical Code (CEC), Part I, Safety Standard for Electrical Installations, local codes and the authorities having jurisdiction. Equipment installed in outdoor use applications shall employ NEC Class 3 wiring methods.

Reader with HID® OMNIKEY® reader core 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
- HID MIFARE Classic SE
- DESFire EV1
- DESFire EV2/EV3 (EV1 Compatibility)

Low Frequency (125 kHz):

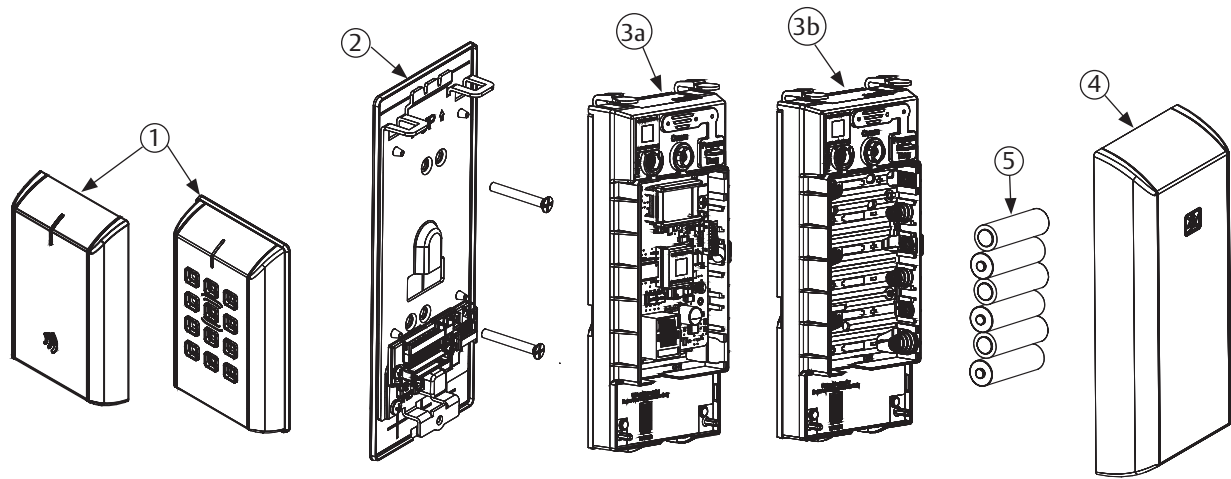
- HID Prox®
- PIV/PIV-1:
- 40-bit BCD
- 64-bit BCD
- 75-bit output
- 128-bit output
- 200-bit output

Optional Keypad:

- PIN-only usage or dual authentication
- NFC & BLE-enabled Mobile Phones:
- HID Mobile Access® (BLE and NFC)
- Supports the use of employee badge and/or Student ID in Apple Wallet
- Android Wallet (MIFARE 2GO)

3. Product Illustrations

IN120/IN220 Assembly



Tools Required:

- #2 Phillips screwdriver
- Flat head screwdriver
- Security hex key

Item No.	Description
1	Outside Escutcheon Assembly
2	Inside Mounting Plate Assembly (includes Gasket)
3a	PoE Controller Assembly
3b	WiFi Controller Assembly (batteries included)
4	Inside Escutcheon Assembly with Privacy Button
5	AA alkaline batteries (6)

Prior to installation, please confirm receipt of all parts.
See document A8364 for part numbers.

IN120 WiFi / IN220 PoE

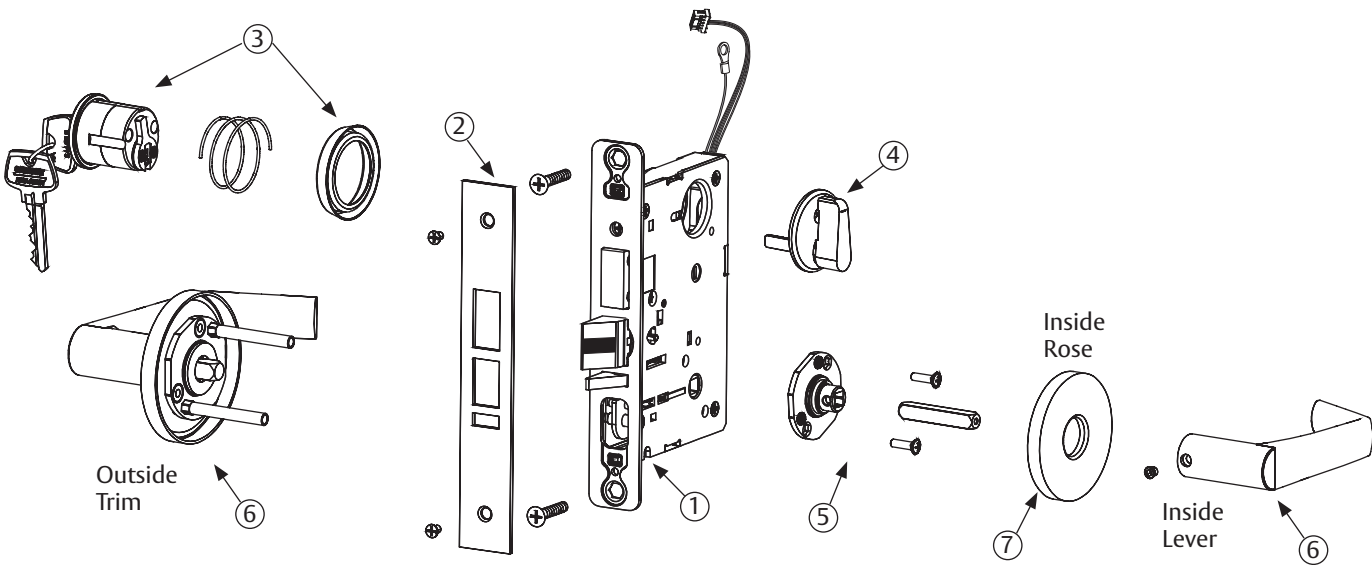
FM7300, BL7300, 7300 Series Multi-Point Lockset

Installation Instructions



3. Product Illustrations (continued)

Mortise Lock Assembly



Item No.	Description
1	Lock Body
2	Lock Front
3	Cylinder and Cylinder Rosette
4	Thumb Turn Lever
5	Trim Pack
6	Reference Catalog for available Lever Styles
7	Reference Catalog for available Rose Styles

For mechanical parts string refer to FM7300/BL7300/7300 Parts Manual A8232 & A8271

4. Check and Prepare Door

Prior to installation, all holes must be free of burrs, debris and sharp edges.

Ensure door is the correct size and hand for opening.

Ensure door has been prepared according to appropriate template (see website www.intelligentopenings.com).

- Door Manufacturer's Template: 4740 (Multi-Point Lock) and 4713 (IN120/IN220)
- FM7300 / BL7300 / 7300 Series Installation Instructions A8220 & A8270 (ships with product)

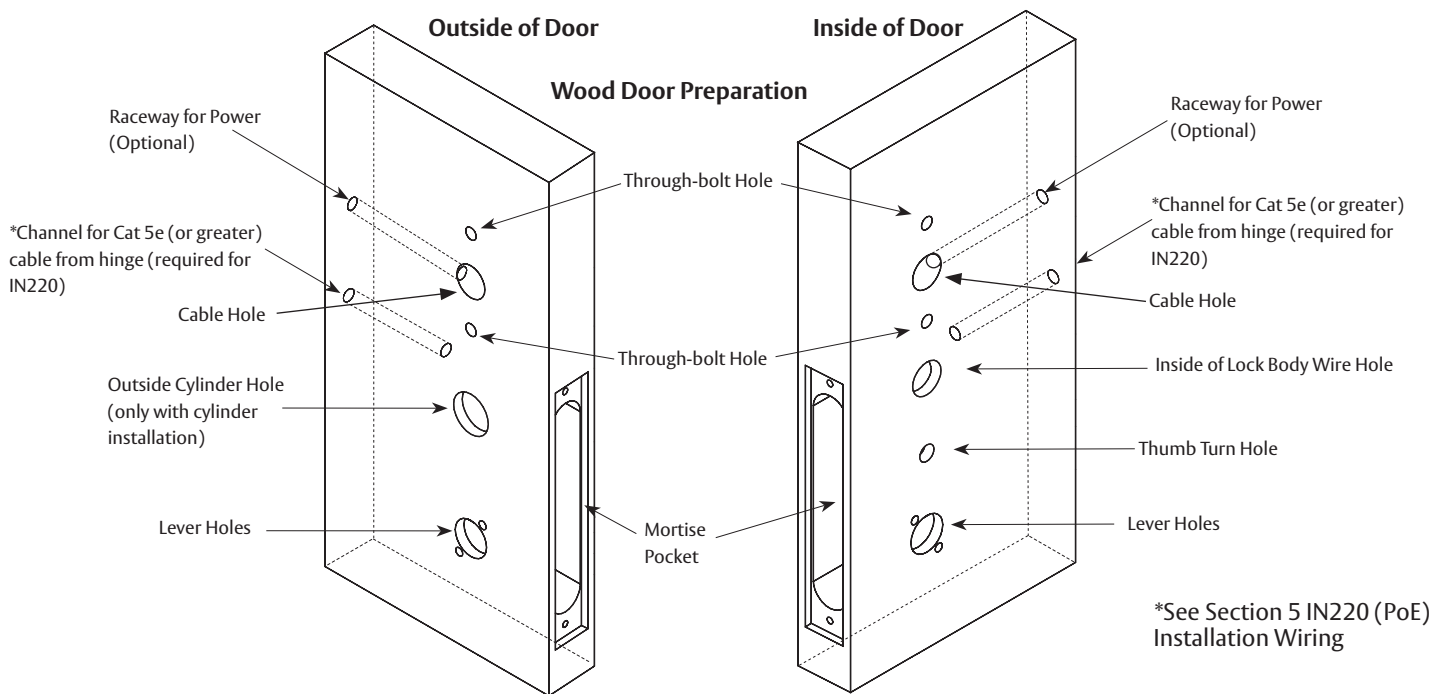


Figure 4

IMPORTANT:

If measurements are not correct, DO NOT PROCEED WITH INSTALLATION. Contact door manufacturer.

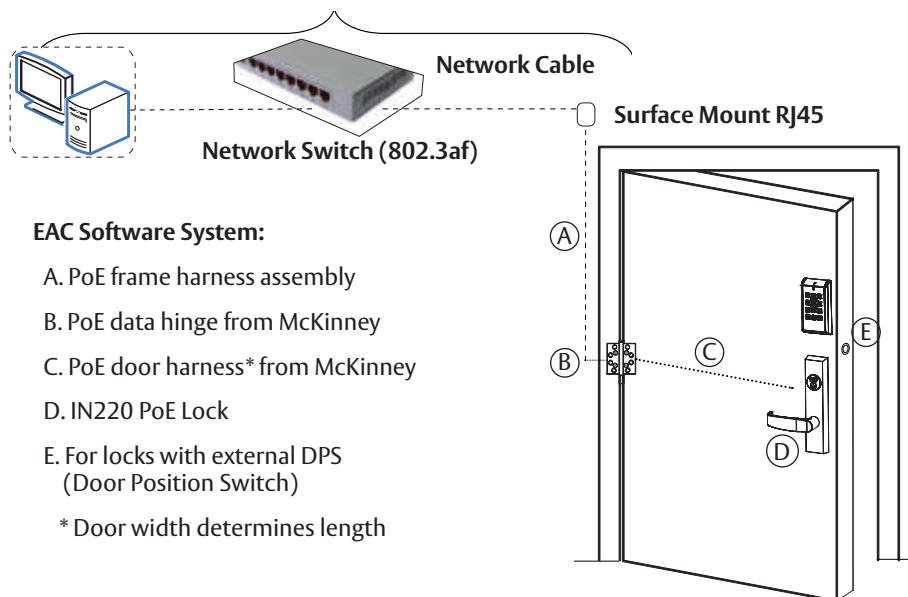
If installing door with an IN220 (Power over Ethernet) lock, follow the instructions in the next step for IN220 (PoE) Installation Wiring.

If installing door with an IN120 (WiFi) lock, skip to Section 6.

5. IN220 (PoE) Installation Wiring

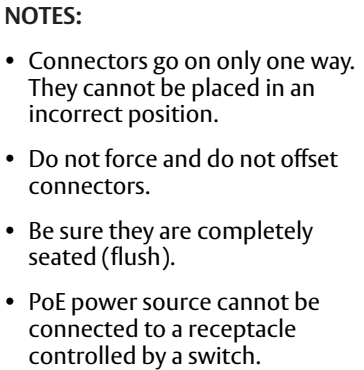
Overview

SARGENT IN220 PoE Typical Application



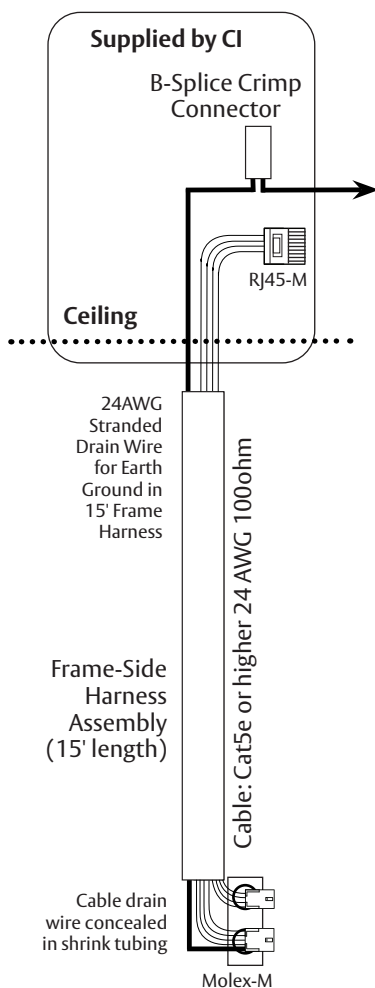
Wiring methods shall be in accordance with the National Electrical Code (ANSI/NFPA70), CSA 22.1, Canadian Electrical Code (CEC), Part I, Safety Standard for Electrical Installations, local codes, and the authorities having jurisdiction.

5. IN220 (PoE) Installation Wiring (continued)



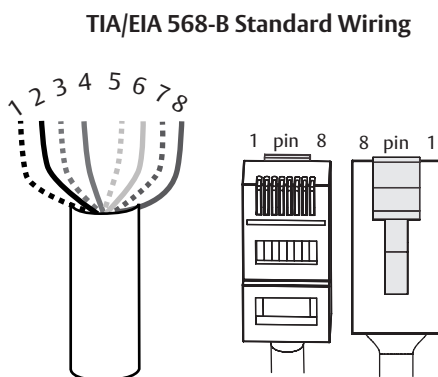
5. IN220 (PoE) Installation Wiring (continued)

A Frame Harness Installation



Components and wire harness supplied by McKinney. Suggested installation:

Cut end / ceiling-side PoE harness:



PIN	Wire	Pair Number
1	White/Orange	2
2	Orange	2
3	White/Green	3
4	Blue	1
5	White/Blue	1
6	Green	3
7	White/Brown	4
8	Brown	4

Do not confuse pair numbers with pin numbers. A pair number is used for reference only (e.g.: 10BaseT Ethernet uses pairs 2 & 3). The pin numbers indicate actual physical locations on the plug and jack.

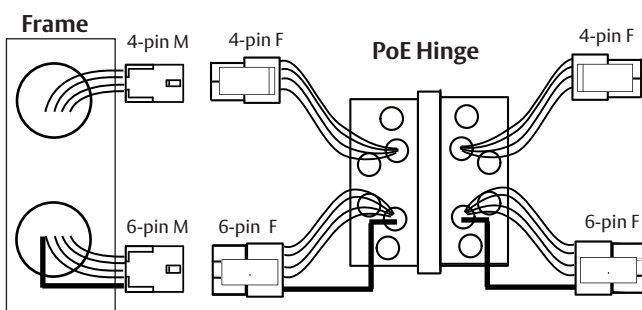
Hinge side of PoE (Frame) harness:

1. Feed cut end of harness into hole on hinge-side through single access hole.
2. Push one connector back through the hole and feed into the other access hole.

Each of the hinge-side harness connectors should end up threaded through a different access hole and matched to the same size pin connector from the door harness:

- 4-pin male Molex connector
- 6-pin male Molex connector with ground wire

B PoE Data Hinge



Hinge-side harness connectors:

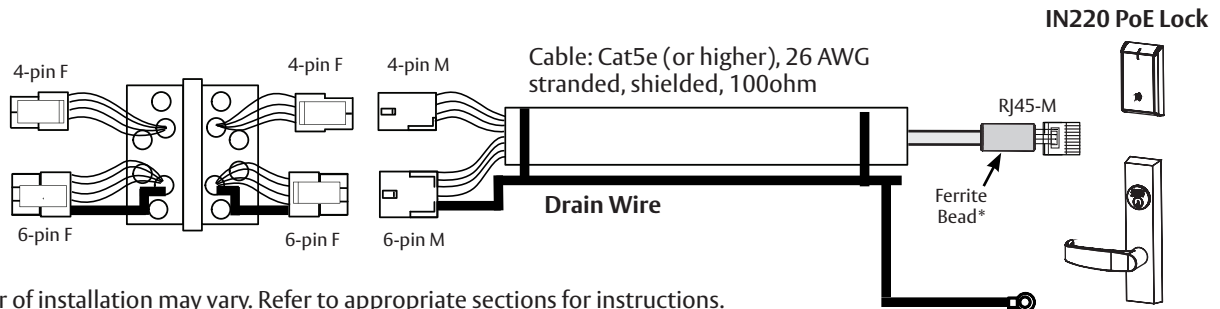
- 4-pin female Molex connector
- 6-pin female Molex connector with ground wire

Lock-side harness connectors:

- 4-pin female Molex connector
- 6-pin female Molex connector with ground wire

5. IN220 (PoE) Installation Wiring (continued)

C PoE Door Harness



Order of installation may vary. Refer to appropriate sections for instructions.

Hinge-side harness connectors:

- 4-pin male Molex connector
- 6-pin male Molex connector with ground wire

Lock-side harness connectors:

- Ring terminal
- Male RJ45 connector (crimped after cable is fed through door)

Notes:

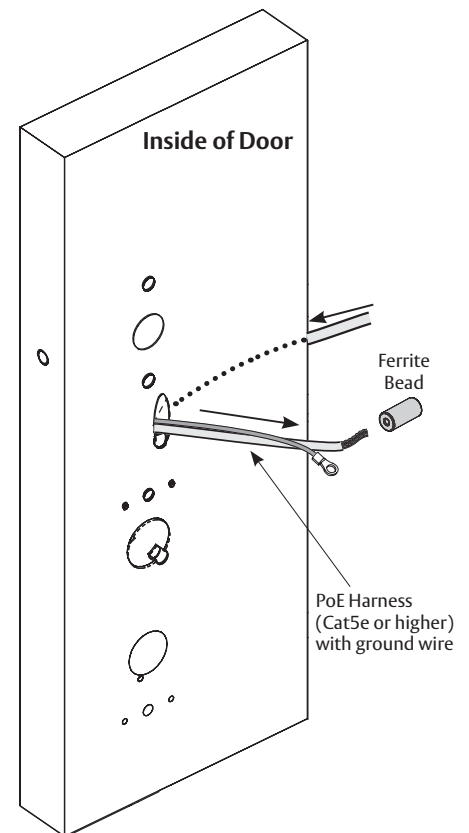
- Connectors go on only one way. They cannot be plugged to incorrect position.
- Do not force and do not offset connectors.
- Be sure they are completely seated (flush).

D PoE Lock

Order of installation may vary. Refer to appropriate sections for instructions.

1. Prop door open.
2. Using the ring terminal, carefully route the assembly through the door channel toward the lock.

ATTENTION: Do not terminate PoE harness (with RJ45 M) until cable has been routed through door and inside mounting plate assembly. See Section 7, step 13 - Installation of Connectors.



6. Door Installation

IMPORTANT: Follow the Door Installation instructions in the appropriate Multi-Point Lock instruction manual (A8220 for FM7300 and BL7300, A8270 for 7300).

NOTE: Follow the instructions below to install the IN120/IN220 mortise lock body and reader/controller installation.

7. IN120/IN220 Mortise Lock Installation

1. Door Preparation

Remove the two (2) #12-24x1" flat head mounting screws. (Figure 7-1A)

Next, remove the mortise lock filler and discard. (Figure 7-1B).

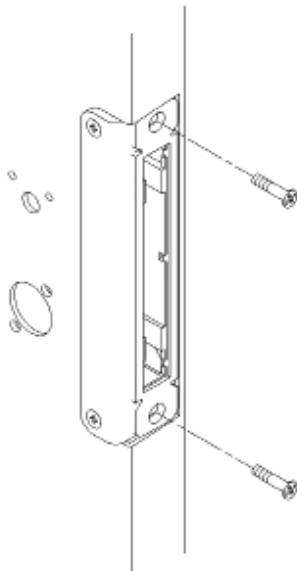


Figure 7-1A

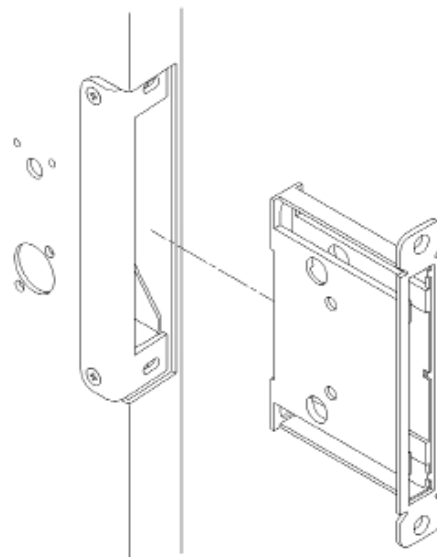
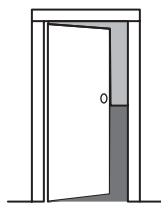


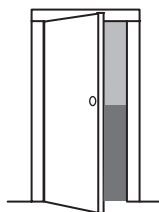
Figure 7-1B

2. Verify Hand and Bevel of Door

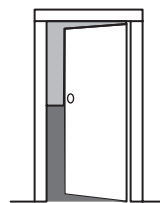
Stand on outside of locked door when determining door hand.



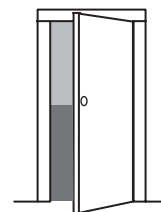
LH
Left Hand
Hinges Left
Open Inward



LHRB
Left Hand
Reverse Bevel
Hinges Left
Open Outward



RH
Right Hand
Hinges Right
Open Inward



RHRB
Right Hand
Reverse Bevel
Hinges Right
Open Outward

Figure 7-2

7. IN120/IN220 Mortise Lock Installation (continued)

3. Prepare Lock Body

A. Reverse Lock Hand (If Required)

Red surface of locking piece must face the outside/locked side of door. To rotate locking piece (Figure 7-3A):

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).

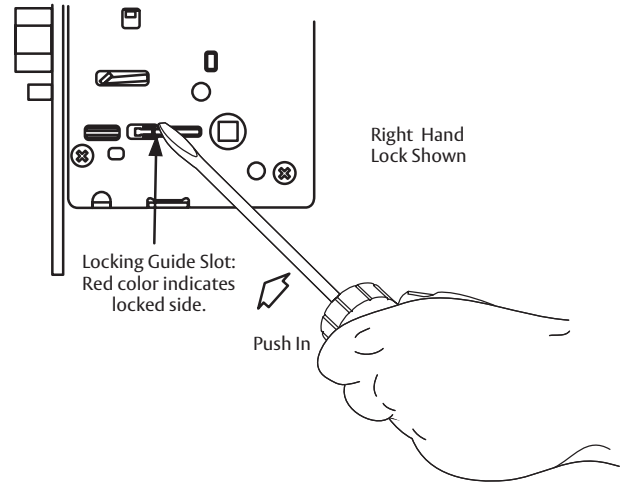


Figure 7-3A

B. Reverse Latch

Beveled surface of latch must face strike (Figure 7-3B).

The deadlatch is self adjusting.

To change hand of latchbolt:

1. Insert screwdriver into spade (triangular) shaped slot.
2. Rotate screwdriver 90° to push latch out until back of latch clears lock front; then rotate latch 180°.

Latch will then re-enter lock body.

NOTE: Latch cannot be unscrewed.

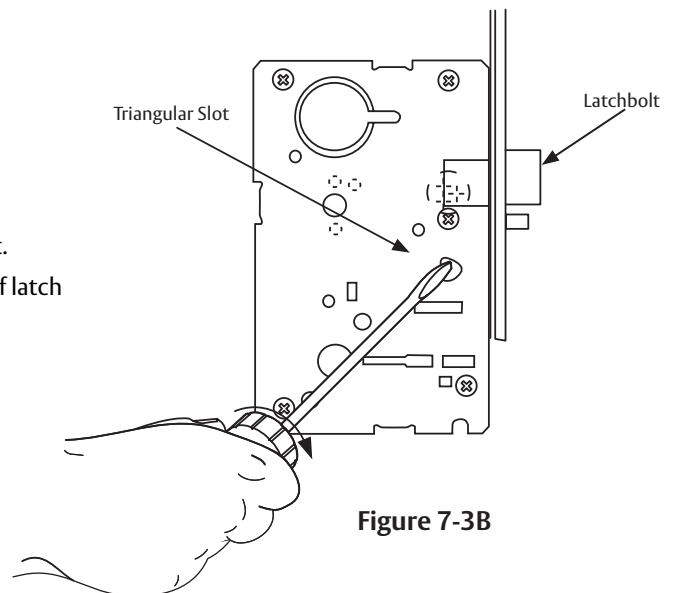


Figure 7-3B

7. IN120/IN220 Mortise Lock Installation (continued)

4. Install Lock Body

NOTE: Do not pull the lock into the multi-point cassette using the harness alone. Ensure that the wire harness is not pinched between the lock body and the multi-point cassette.

1. Feed the wire harness into the mortise pocket and through inside preparation hole. (Figure 7-4)
2. Carefully push the lock body into the multi-point cassette while lightly applying tension to the wire harness.
3. Insert two (2) #12-24 screws into the lock body and tighten slightly with a screwdriver. DO NOT fully tighten screw until cylinder and levers are installed and properly aligned.

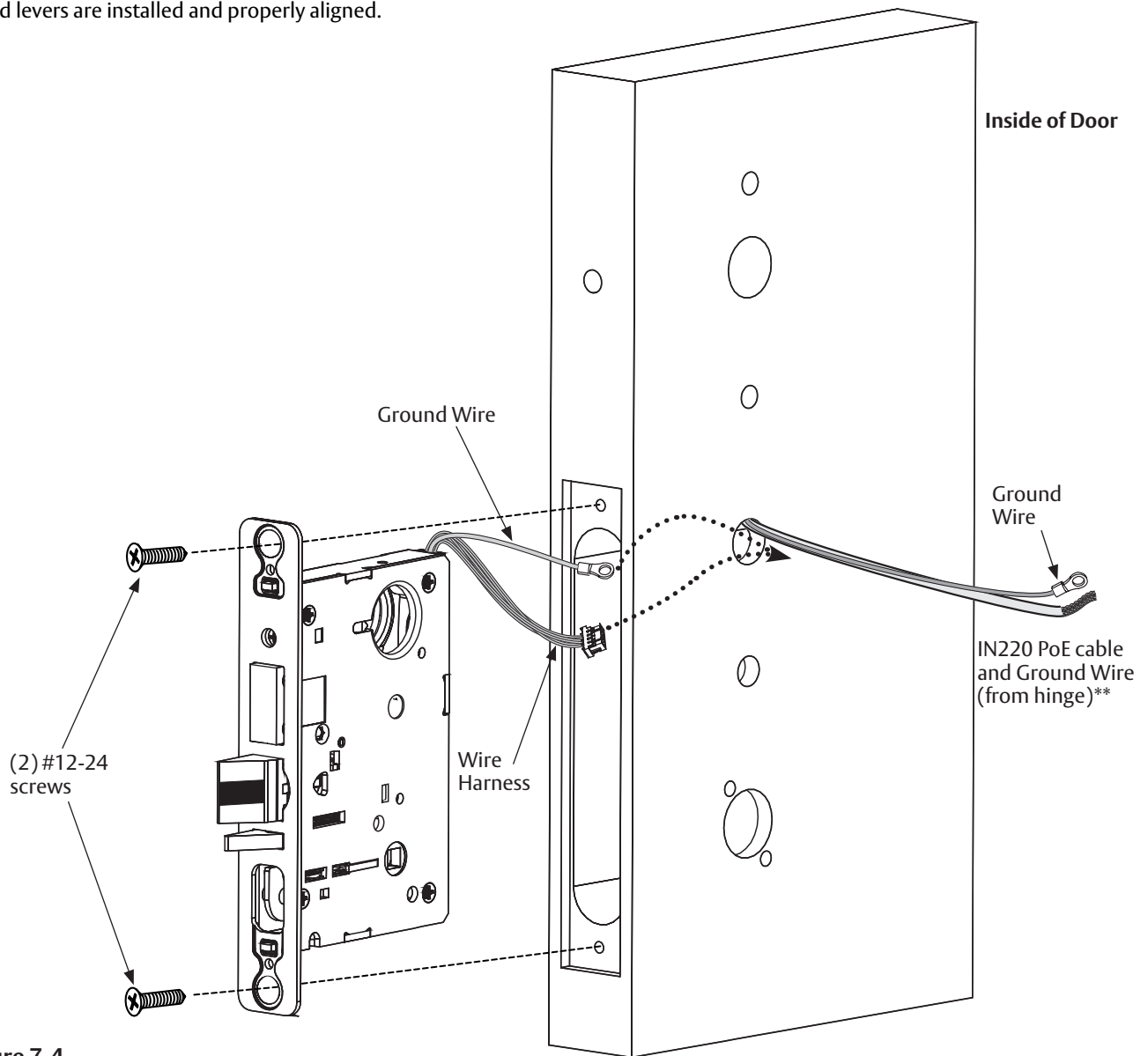


Figure 7-4

** For more detail, refer to Section 5 IN220 (PoE) Installation Wiring, Frame Harness Installation.

7. IN120/IN220 Mortise Lock Installation (continued)

5. Outside Cylinder Installation

1. Slide the spring and the rosette onto the cylinder. (Figure 7-5A)
2. Insert the cylinder into cylinder hole and rotate using fingers to secure the cylinder.
3. Insert key 75% of the way and utilize the key to rotate the cylinder further into the cylinder hole. **NOTE:** Do not attempt to tighten all the way.
4. Verify that orientation of cylinder has the SARGENT logo as depicted in Figure 7-5B.
5. Hand tighten the cylinder clamp screw with Phillips screwdriver to prevent unscrewing of the cylinder. (Figure 7-5C)
6. Test cylinder function:
 - Key retracts latchbolt and deadbolt (82276 function)
 - Key retracts latchbolt (82278 function)
 - Cylinder not present for 82277 or 82279 functions.

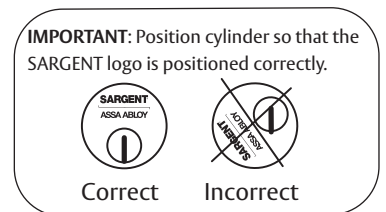
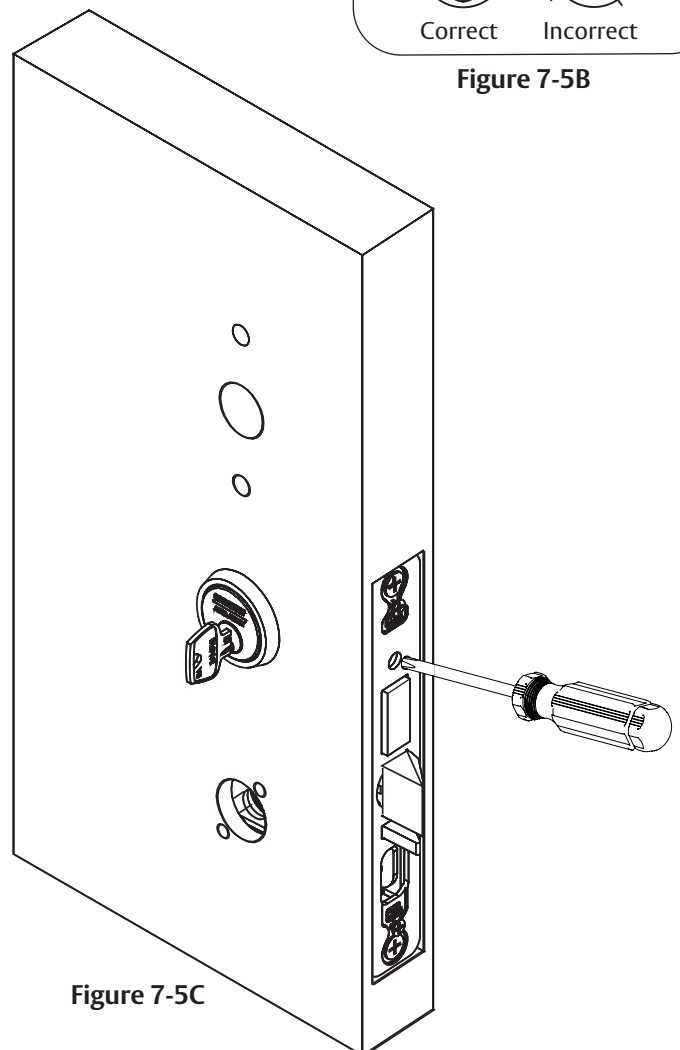
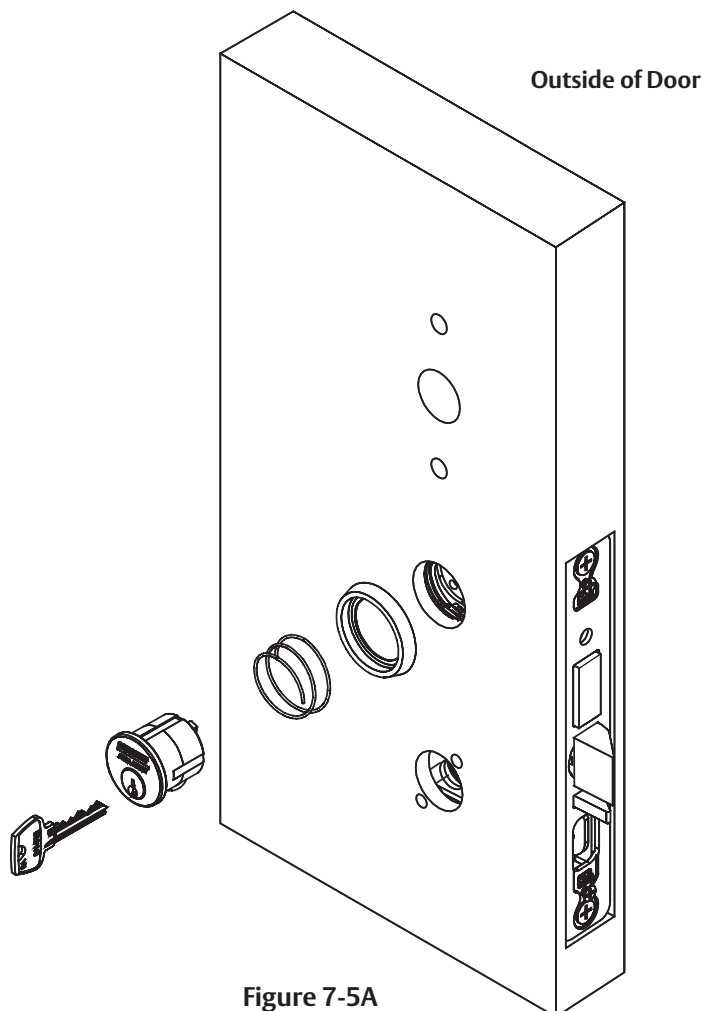


Figure 7-5B



7. IN120/IN220 Mortise Lock Installation (continued)

6. Assemble Outside Trim

1. With outside lever horizontal, insert the mounting posts through outside of door and lock body. Make certain the lever spindle is properly engaged inside the lock body. (Figure 7-6A)
2. On the inside of the door, insert spindle into square hole of mortise lock. (Figure 7-6B)
3. Slide inside adapter and plate assembly over spindle and secure with two (2) 8-32 x 5/8" Phillips oval head and lock washer machine screws.

NOTE: Ensure that position of set screw hole on inside adapter is oriented to match location of hole in inside lever handle.

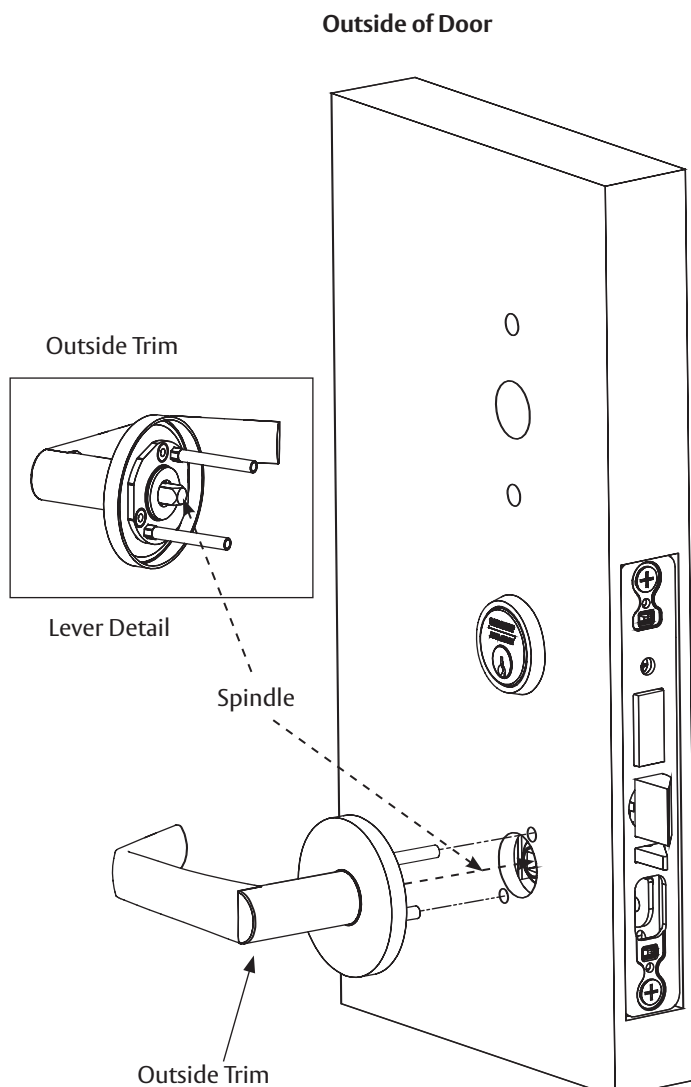


Figure 7-6A

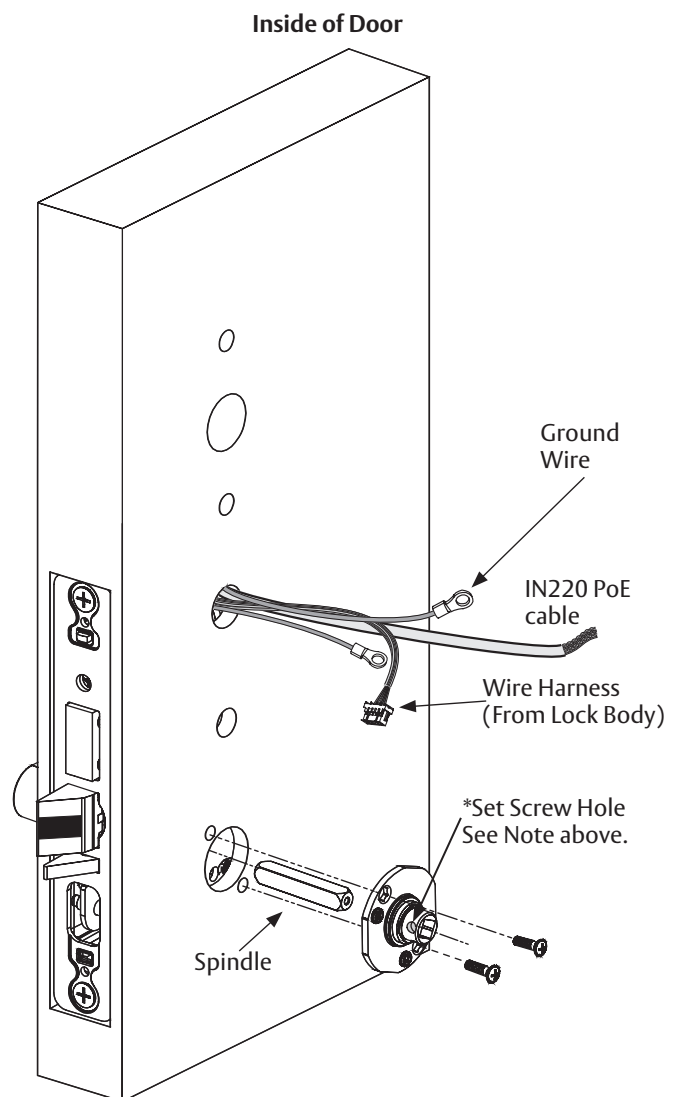


Figure 7-6B

7. IN120/IN220 Mortise Lock Installation (continued)

7. Install Inside Rose and Inside Lever Assembly

1. Place inside rose flush against door surface and rotate first counter-clockwise to seat the threads, then clockwise to securely tighten.
2. Slide lever onto spindle until fully seated. Be sure handle is horizontal and facing the hinge side of the door. Push lever onto spindle so minimum gap is visible.
3. Tighten the set screw securely with a T20 Torx® driver.
4. Finish securely tightening two (2) #12-24 lock body screws.
5. Before closing the door, test that the lever is functional and ensure smooth operation of the latchbolt.

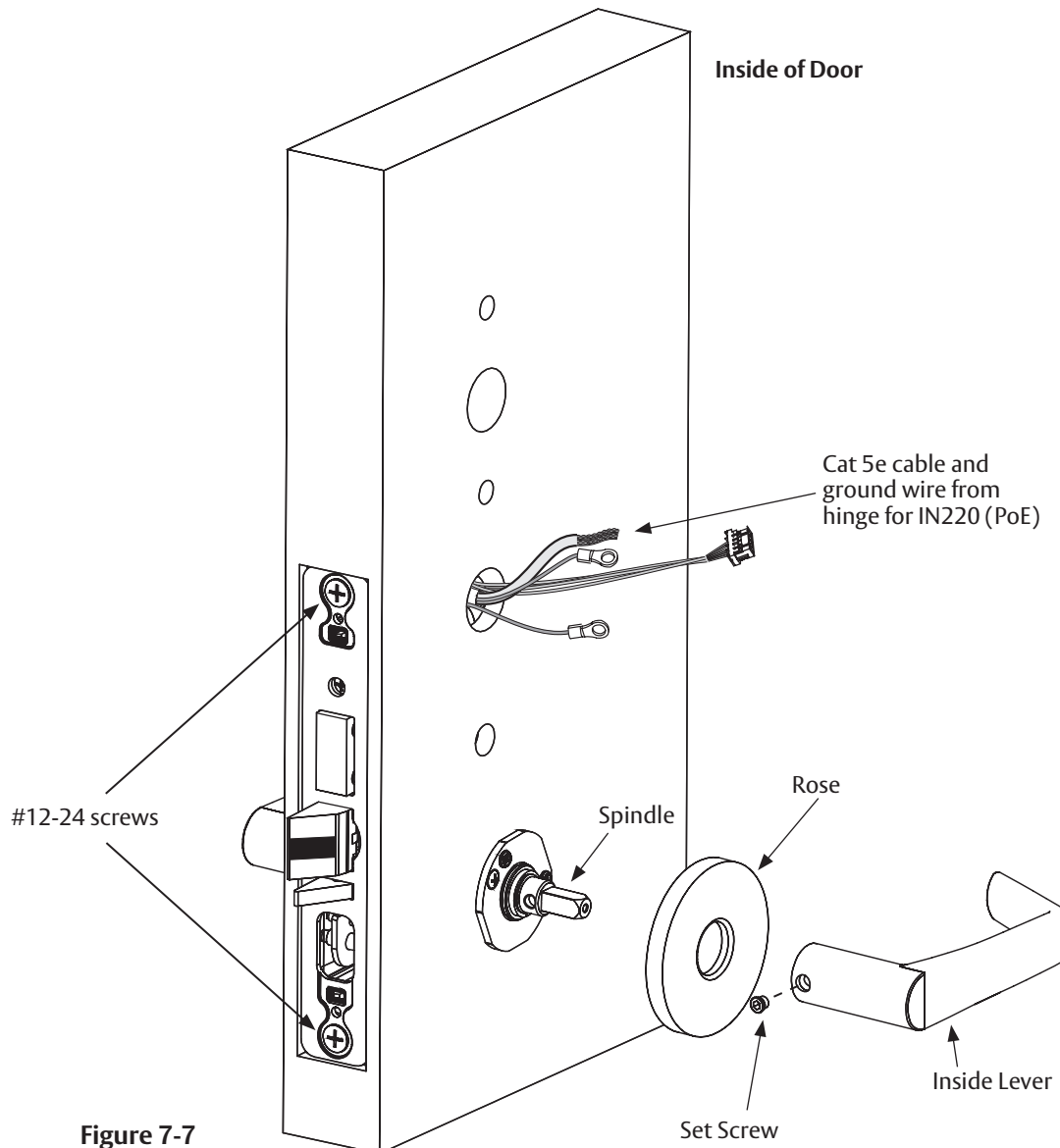


Figure 7-7

7. IN120/IN220 Mortise Lock Installation (continued)

8. Install Thumb Turn

1. Insert thumb turn into preparation hole and engage slot in lock body.
2. Orient mounting plate so screw hole is vertical and aligned with preparation holes.
3. Secure plate with Phillips screw provided.
4. Test thumb turn for function by retracting and projecting the deadbolt (82276 / 82277 functions only).

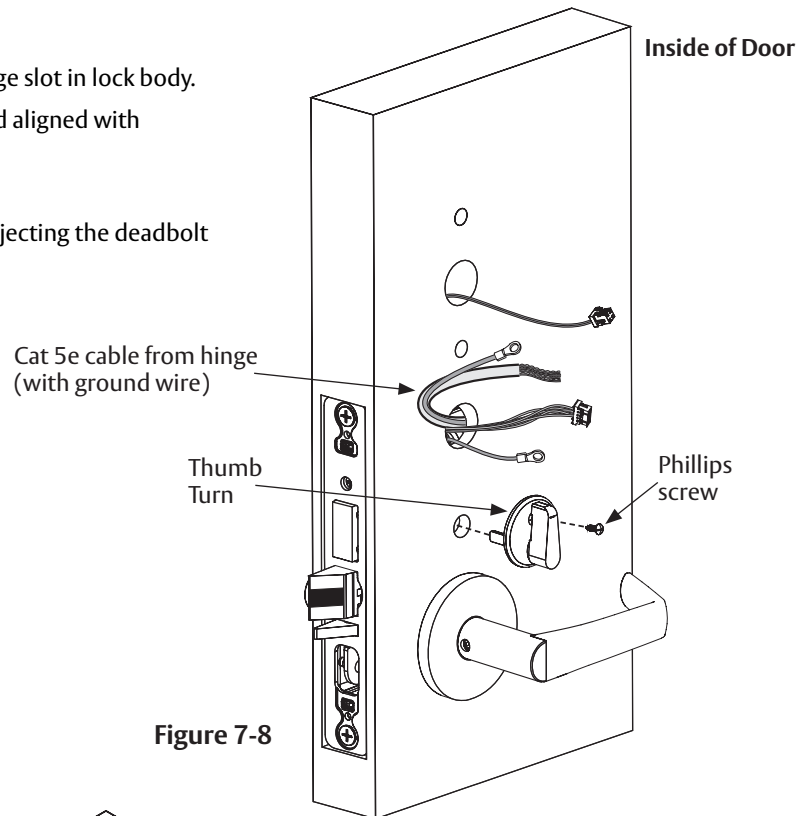


Figure 7-8

9. Attach Front Plate

Attach front plate with two (2) Phillips head screws.

Outside of Door

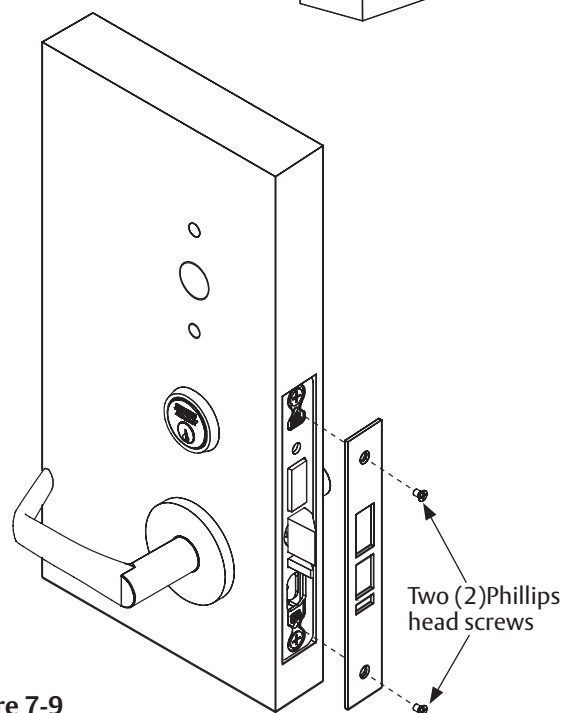
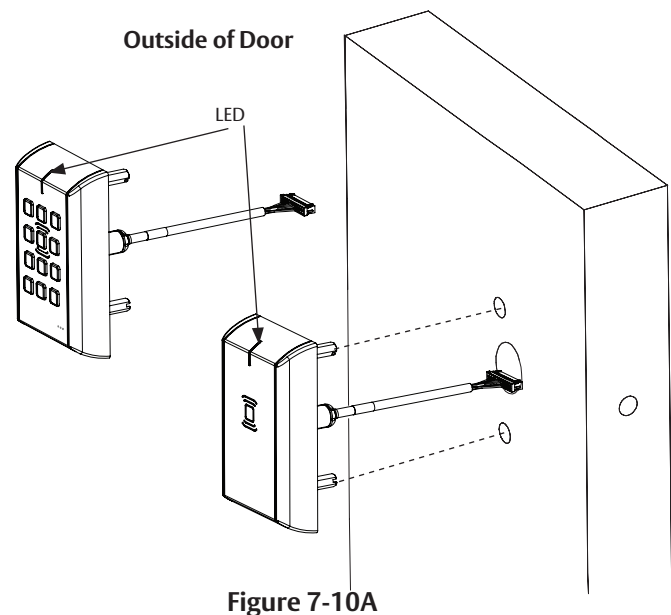
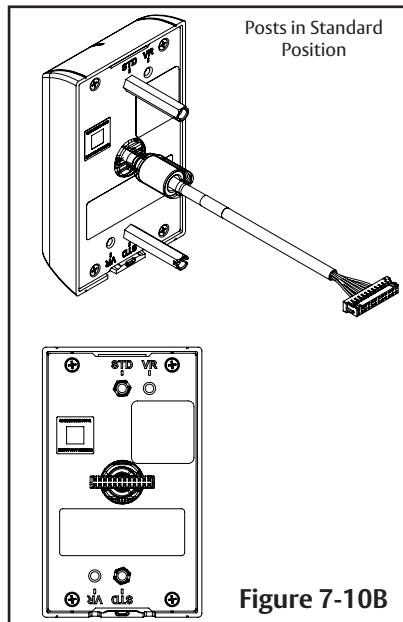


Figure 7-9

7. IN120/IN220 Mortise Lock Installation (continued)

10. Install IN120 / IN220 Outside Reader

1. Orient reader/keypad so LED lens is at the top.
2. Feed the cable/connector through the door (from outside to inside).
3. Install reader to the outside of the door by aligning mounting posts with the door preparation holes. Hold reader flush against door while ensuring proper alignment.



7. IN120 / IN220 Mortise Lock Installation (continued)

11. Install Mounting Plate Assembly

1. Feed cables/connectors through the inside controller mounting plate assembly (and gasket if required*).
2. Insert and partially tighten two (2) through-bolts prior to installation of connectors.
3. Secure ground lug(s) with #6-32 machine screw (Figure 7-11B).

*Gasket is required for outdoor installations.

If installing with gasket, separate gasket from controller mounting plate to feed cables/connectors through holes as indicated (Figure 7-11A). Once cables/connectors are fed through, reattach gasket to controller mounting plate.

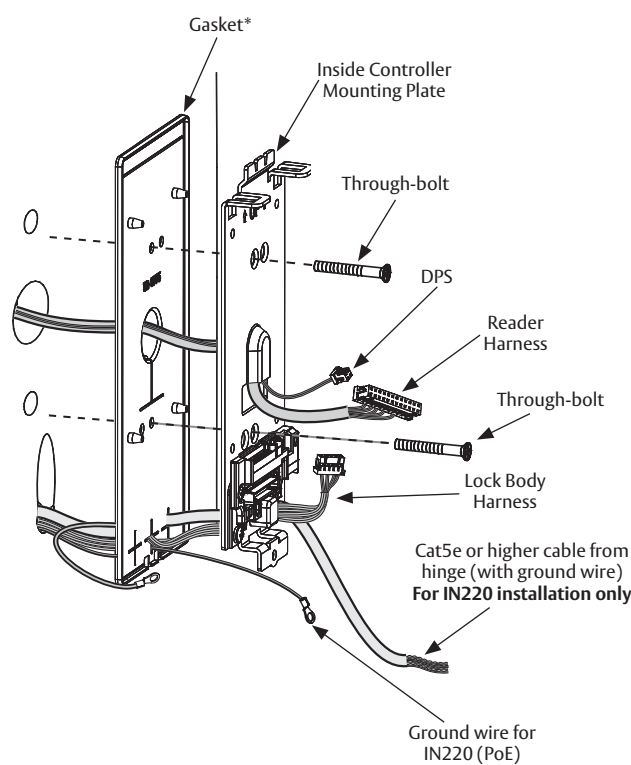


Figure 7-11A

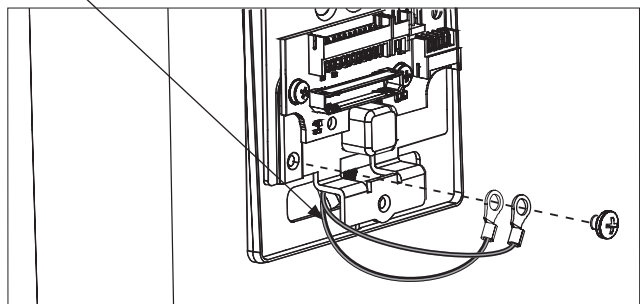


Figure 7-11B

7. IN120 / IN220 Installation (continued)

12. Preparation of Connectors

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

- Ensure connectors are covered with silicone dielectric compound (grease)*
- Snip end of packet to dispense grease.
- Ensure all connector pins and contacts are covered
DO NOT overfill or over-apply**



*Supplied tube contains 5 grams of silicone dielectric compound (grease).

**Evenly distribute grease, wiping away excess; full application requires approximately 2.5 grams.

IMPORTANT: Do not run wires through bottom hole in plate (Figure 7-12). It will damage wires and the controller connectors.
Route wires around flange, do not route wires through the flange hole.

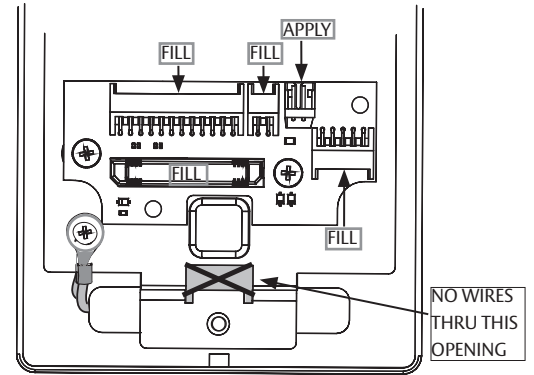


Figure 7-12

7. IN120 / IN220 Installation (continued)

13. Installation of Connectors

To install the connectors, do the following (refer to Figures 7-13A and 7-13B):

1. Attach the 10-pin lock body assembly connector A.
2. Tuck the excess cable into the wire hole on the inside of the door.
3. Secure the Mounting Assembly while ensuring proper alignment of outside reader. Fully tighten the two (2) through-bolts on the inside of the door to secure the reader and plate to the door.
4. Attach the 24-pin reader connector B.
5. Ensure all openings on back of secured reader connector are covered completely with grease. (Figure 7-13B)

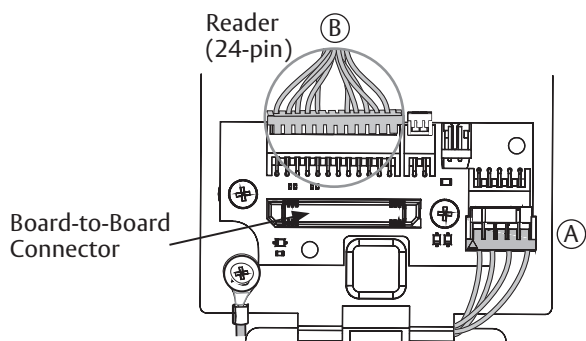


Figure 7-13A

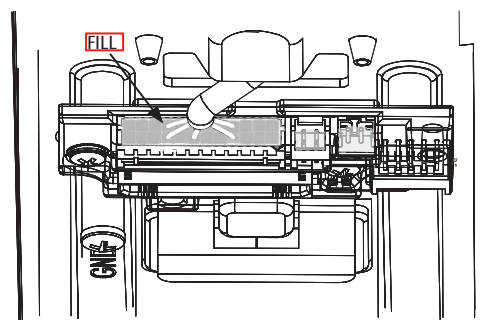


Figure 7-13B

To install the IN220 (PoE), do the following (refer to Figure 7-13C):

1. Pull 5 1/2 inches of ethernet cable from hole. Strip cable jacket back 3 1/2 inches.
2. Separate (untwist) and straighten eight (8) ethernet wires before carefully feeding through ferrite bead.
3. Crimp RJ45 (male) connector on end of wires.

For more detail, refer to Section 5 IN220 (PoE) Installation Wiring, Frame Harness Installation.

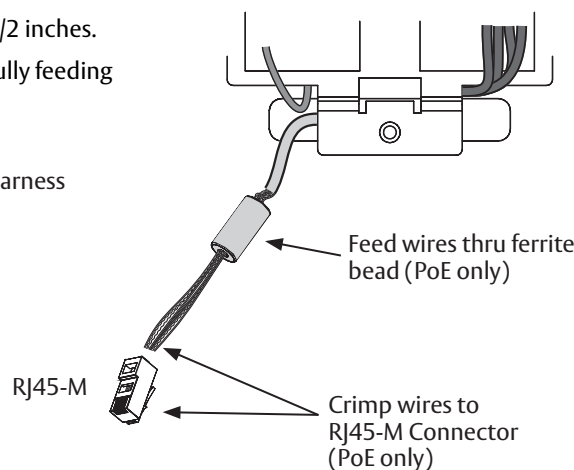


Figure 7-13C

7. IN120 / IN220 Installation (continued)

14. Installing the Controller

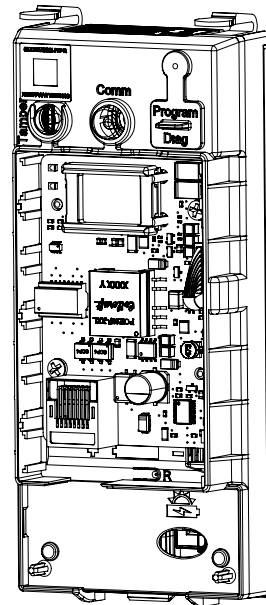
IMPORTANT: Before installing the controller apply dielectric grease to connector* located on the back of the controller (refer to Figure 7-14B).

CAUTION: Do not allow debris to enter connector contacts.

To install the controller, do the following:

1. Insert bottom tab of controller (ensure a clear path) into slot on mounting plate. (Figure 7-14C)
2. Ensure proper alignment of board-to-board connectors while pivoting controller toward door until two tabs on top click securely into place on mounting plate. (Figure 7-14D)

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.



Front of controller (PoE shown)

Figure 7-14A

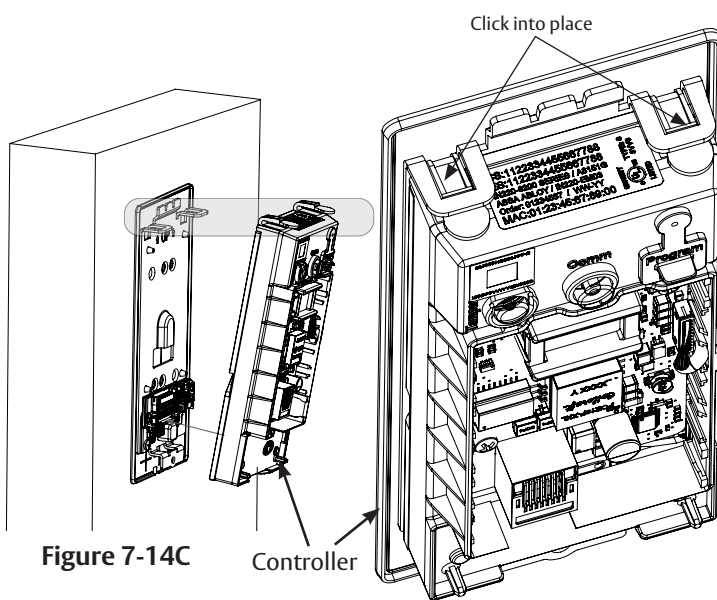
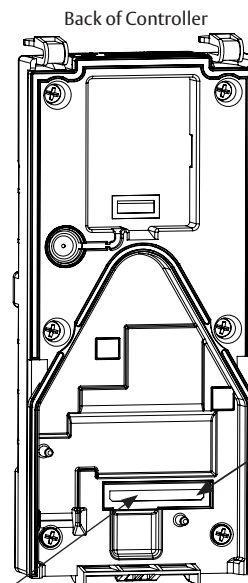


Figure 7-14C

Controller

Figure 7-14D



Back of Controller

*Be sure to apply grease to connector and recessed area surrounding connector

Figure 7-14B

Connect

7. IN120 / IN220 Installation (continued)

15. Supplying Power to the Controller

IN220 (PoE)

IMPORTANT: Before inserting PoE plug into PoE connector, apply dielectric grease to top of plug, covering the pin area (Figure 7-15A).

1. Once controller is securely in place, connect RJ45 male connector to female RJ45 port on controller board (Figure 7-15A).
2. If power is enabled, LED flashes and lock motor cycles.

IN120 (WiFi)

1. Once controller is securely in place, insert six (6) AA alkaline batteries into the compartment, being careful to align polarity properly.
2. After all batteries are installed, there is a slight delay and then an audible “beep” sounds and the lock motor cycles.

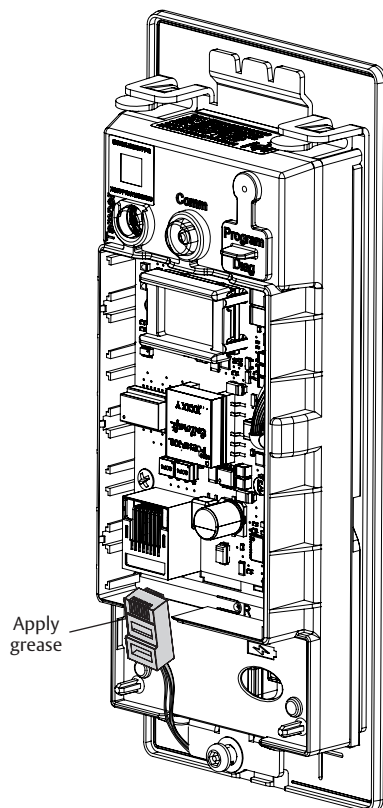


Figure 7-15A

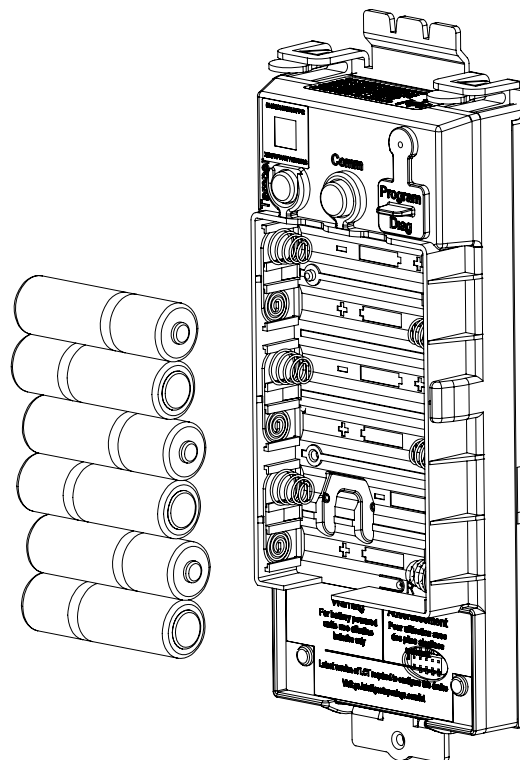


Figure 7-15B

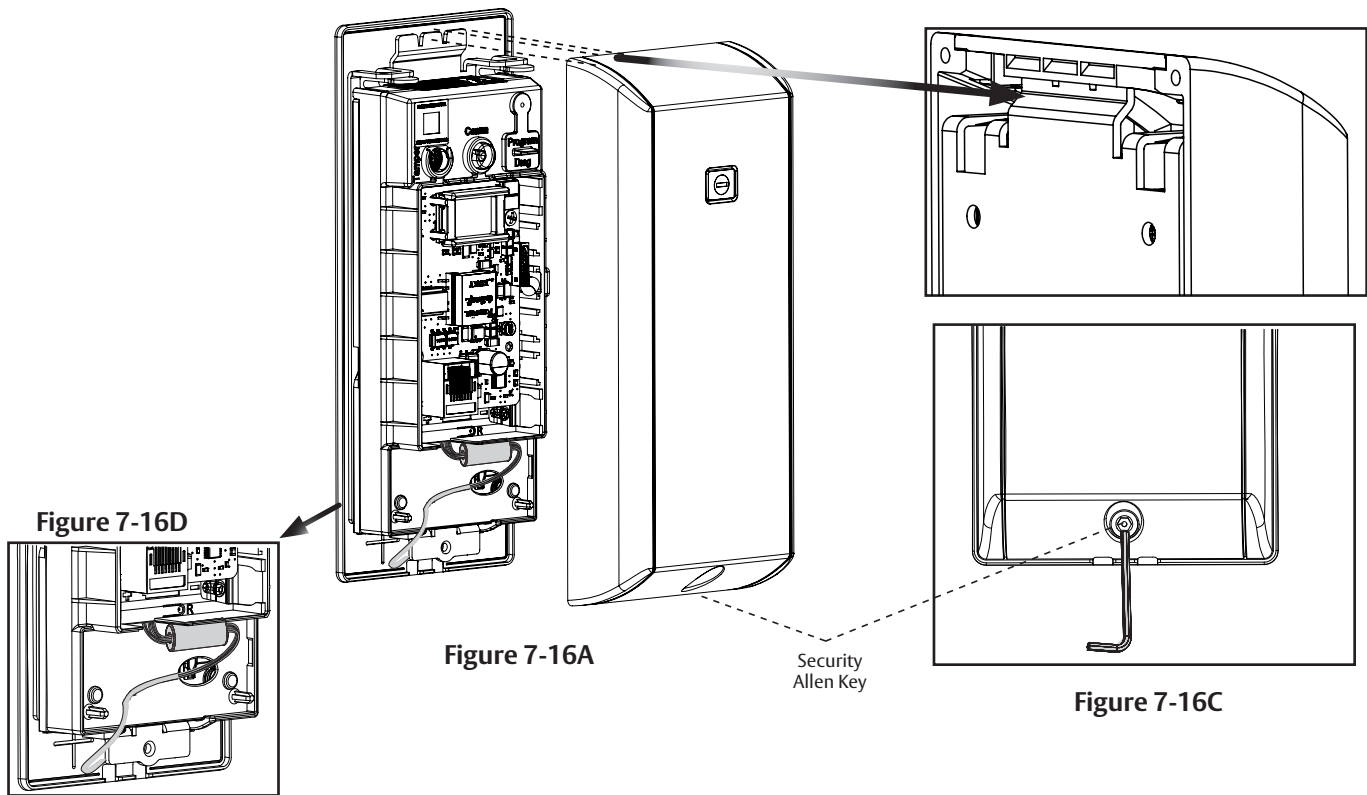
7. IN120 / IN220 Installation (continued)

16. Inside Cover Installation

1. Assemble cover by hooking top edge on inside mounting plate, taking care not to pinch gasket (top edge goes between plate and gasket). (Figures 7-16A, 7-16B)
2. Carefully press bottom of cover toward door without pinching any wires.

NOTE: Be aware of the location of installed ferrite bead (IN220 PoE) and excess wires. (Figure 7-16D)

3. Secure the cover with a Security Allen Key. (Figure 7-16C)



17. Install Shield

1. Install shield (provided) over inside controller (Figure 7-17).
2. Drill and tap door for #8-32 machine screws (provided).
3. Secure shield with the four (4) #8-32 machine screws.

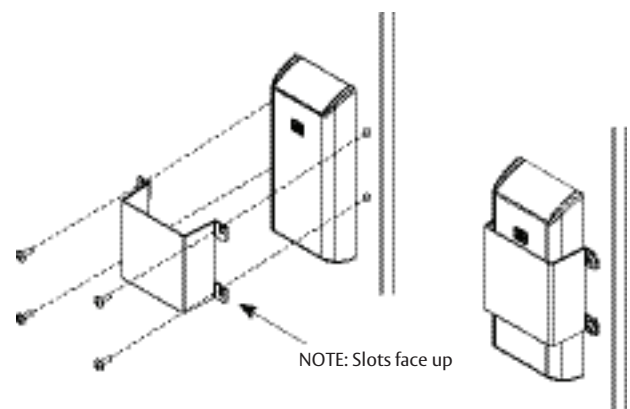


Figure 7-17

8. Operational Check

IMPORTANT: Be sure to test functions prior to closing door.
For mortise locks with cylinders, perform the following checks:

1. Insert key into cylinder and rotate. There should be no friction against lock case, wire harness, or any other obstruction. If friction or binding occurs, readjust cylinder and wiring harness to eliminate issues.
2. Check that key retracts the latch. The key should rotate freely.
3. Throw the deadbolt (if present). Check that the key retracts both the deadbolt and the latch.
4. Try the inside lever. Ensure it retracts latch and deadbolt (if present).
5. For units without a keypad, add card using LCT software and then test.
6. For units with a keypad, add pin and card using LCT software and then test.

LED signaling:

- After using a valid credential a green flash followed by motor unlock indicates normal operation (lock unlocks).
- After using a valid credential a green flash followed by 4 beeps and 4 fast purple flashes – indicates low power. Check the input voltage.
- If the input voltage is low, disconnect lock from power source and check power source voltage. If power source voltage is correct, inspect lock wiring for a possible short.

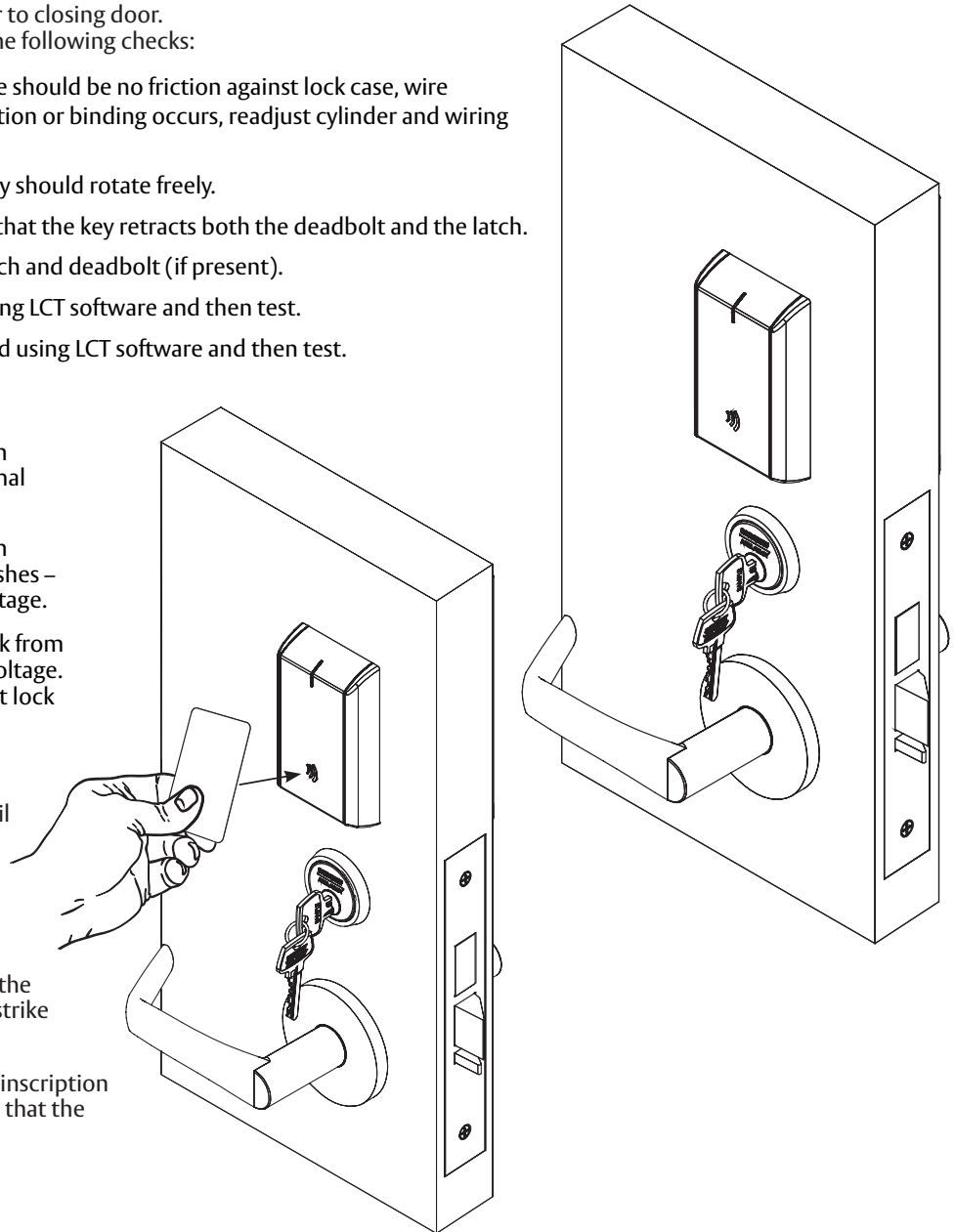
If the lock loses power, it will flash rapid blue for approximately one minute. Lock will default to programmed fail safe or fail secure.

After that, the lock will no longer be functional.

When you have completed the tests, close the door, ensuring latchbolt fully extends into strike plate without binding.

NOTE: The credential should approach the inscription on the reader as indicated to ensure that the credential is read properly.

Do not wave credential.



9. Continued Installation

Continue installation by referring to the mechanical multi-point lock instructions:

- FM7300 Series and BL7300 Series - A8220
- 7300 Series - A8270

Start with the section titled *Deadbolt Label installation (FM7300 only)* or *Key Override with Deadbolt Function Operation Check*.

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