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.

SARGENT Mfg. Co. Passport 1000 locksets utilizing a door position switch (DPS) are not rated for, or intended for use in life safety applications.

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.
Passport 1000 P2 Mortise Lock

General Description
An ANSI/BHMA Grade 1 lock using WiFi technology, the Passport 1000 P2 Mortise lock provides a cost-effective, future-proof solution for campuses.

Featuring multiCLASS SE® Technology from HID Global®, it provides simultaneous support for multiple credentials and offers an easy migration path to higher security credentials and mobile access.

With no wiring required, installation is fast, easy and affordable.

Hardware Specifications
- Complete lockset with controller
- 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/LH/LHR) must be specified, but is easily field-reversible without opening the lock case
- Case - 12 gauge heavy duty wrought steel
- Cylinder retracts latchbolt (and deadbolt)
- Inside lever retracts latch and deadbolt simultaneously
- ANSI/BHMA A156.25 Listed Grade 1 Compliant
- May be used for indoor and outdoor applications
- Lock furnished for 1-3/4” doors. For other thicknesses, consult factory.
- Outside lever controlled by any combination of keypad, magnetic swipe, contactless reader, or mechanical cylinder

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

Electronic Specifications
- HID® multiCLASS SE® technology offers support for the following credentials:
  - **2.4 GHz credential compatibility:**
    - Secure Identity Object™ (SIO) on Mobile IDs (Bluetooth Smart)
  - **13.56 MHz credential compatibility:**
    - iCLASS®
    - iCLASS SE® (SIO-enabled)
    - iCLASS Seos®
    - SIO on MIFARE® Classic
    - SIO on MIFARE® DESfire® EV1
    - MIFARE® Classic
    - DESfire® EV1
    - NFC-enabled mobile phones
  - **125 kHz credential compatibility:**
    - HID Prox®
  - WiFi (IEEE 802.11 b/g/n)
  - Multiple time zone and holiday access scheduling
  - First-in unlock or automatic unlock configuration, based on specified time schedule
  - Support for most advanced wireless encryption and authentication standards such as WEP, WPA, WPA2 and 802.1x*
  - 2,400 users per lock; 10,000 event audit trail
  - Privacy button
  - UL Listed - UL 294 Indoor Use
  - CUL Listed - S319: Class 1
  - UL 294 Access Control Ratings:
    - Destructive Attack: Level 1
    - Line Security: Level 1
    - Endurance: Level 4
    - Standby Power: Level 1

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

Power Requirements:
- Alkaline AA Batteries: 9VDC, 300mA
- Optional Hard Power (UL294 Listed Power Supply Required): 9-24VDC, 300mA
## Parts Breakdown

**P2 WiFi Lock with Magnetic Card Swipe With or Without Keypad**

<table>
<thead>
<tr>
<th>ITEM No.</th>
<th>PART No.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>52-3583-[finish]</td>
<td>Outside Escutcheon Assembly, mag stripe</td>
</tr>
<tr>
<td></td>
<td>52-3582-[finish]</td>
<td>Outside Escutcheon Assembly, mag stripe and Keypad (shown)</td>
</tr>
<tr>
<td></td>
<td>52-4244-[finish]</td>
<td>Outside Escutcheon Assembly, Mag Swipe, Keypad, and HID 125 kHz Prox</td>
</tr>
<tr>
<td></td>
<td>52-4759-[finish]</td>
<td>Outside Escutcheon Assembly, iclass, keypad, mag stripe, Prox, smart card (MIFARE, DESFIRE)</td>
</tr>
<tr>
<td></td>
<td>52-4777-[finish]</td>
<td>Outside Escutcheon Assembly, iclass, mag stripe, Prox, smart card (MIFARE, DESFIRE)</td>
</tr>
<tr>
<td></td>
<td>52-4767-[finish]</td>
<td>Outside Escutcheon Assembly, FeliCa, keypad, mag stripe, Prox</td>
</tr>
<tr>
<td></td>
<td>52-4788-[finish]</td>
<td>Outside Escutcheon Assembly, FeliCa, mag stripe, Prox</td>
</tr>
<tr>
<td></td>
<td>52-4894-[finish]*</td>
<td>Outside Escutcheon Assembly, Standard Reader and Keypad</td>
</tr>
<tr>
<td></td>
<td>52-4895-[finish]*</td>
<td>Outside Escutcheon Assembly, Standard Reader</td>
</tr>
<tr>
<td></td>
<td>52-4896-[finish]*</td>
<td>Outside Escutcheon Assembly, FeliCa Reader and Keypad</td>
</tr>
<tr>
<td></td>
<td>52-4897-[finish]*</td>
<td>Outside Escutcheon Assembly, FeliCa Reader</td>
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<tr>
<td>2</td>
<td>52-4779</td>
<td>Mounting Plate Assembly</td>
</tr>
<tr>
<td>3</td>
<td>52-5409</td>
<td>WiFi Controller Assembly</td>
</tr>
<tr>
<td>4</td>
<td>52-4776-[finish]</td>
<td>Inside Escutcheon Assembly with Privacy Button</td>
</tr>
</tbody>
</table>

*Bluetooth® Smart option

### Tools Required:
- #2 Phillips screwdriver
- Flat head
- T20 Torx® driver
### Parts Breakdown (Continued)

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART No.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>See catalog</td>
<td>#41 Cylinder (1-1/8&quot; Minimum Length)</td>
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<td>2</td>
<td>Consult Factory</td>
<td>Cylinder Rosette</td>
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<tr>
<td>3</td>
<td>P1-82276-[finish]</td>
<td>Lock body with deadbolt &amp; with cylinder</td>
</tr>
<tr>
<td>3</td>
<td>P1-82277-[finish]</td>
<td>Lock body with deadbolt without cylinder</td>
</tr>
<tr>
<td>3</td>
<td>P1-82278-[finish]</td>
<td>Lock body without deadbolt with cylinder</td>
</tr>
<tr>
<td>3</td>
<td>P1-82279-[finish]</td>
<td>Lock body without deadbolt without cylinder</td>
</tr>
<tr>
<td>4</td>
<td>77-2592</td>
<td>130 KB Thumb turn for Deadbolt Functions Only</td>
</tr>
<tr>
<td>5</td>
<td>See catalog</td>
<td>Inside Lever Handle</td>
</tr>
<tr>
<td>6</td>
<td>See catalog</td>
<td>Outside Lever Assembly</td>
</tr>
<tr>
<td>7</td>
<td>82-3211</td>
<td>Trim Pack - 8200 Standard Levers (shown)</td>
</tr>
<tr>
<td>7</td>
<td>82-5357</td>
<td>Trim Pack - 8200 Deco Levers &amp; 7900 all lever styles</td>
</tr>
<tr>
<td>8</td>
<td>See catalog</td>
<td>Mortise Rose</td>
</tr>
<tr>
<td>9</td>
<td>82-0347</td>
<td>Spindle Spring</td>
</tr>
<tr>
<td>10</td>
<td>Consult factory</td>
<td>Mortise screw pack - specify finish (includes: wood and metal lock body screws, faceplate screws, and strike screws)</td>
</tr>
<tr>
<td>11</td>
<td>82-0578</td>
<td>Outside Front Plate (Electrical, Latchbolt &amp; Guardbolt)</td>
</tr>
<tr>
<td></td>
<td>82-0579</td>
<td>Outside Front Plate (Electrical, Deadbolt, Latchbolt and Guardbolt)</td>
</tr>
</tbody>
</table>

*Bluetooth® Smart option

### Tools Required:
- #2 Phillips screwdriver
- Flat head
- T20 Torx® driver
- Security allen wrench
6 Installation Instructions

1 Door Preparation

A. Verify Hand and Bevel of Door

Stand on outside of locked door when determining door hand.

- Left Hand
- Hinges Left. Open Inward. "LH"
- Left Hand Reverse Bevel
- Hinges Left. Open Outward. "LHRB"
- Right Hand
- Hinges Right. Open Inward. "RH"
- Right Hand Reverse Bevel
- Hinges Right. Open Outward. "RHRB"

B. Door Preparation

Refer to the appropriate template for wood and metal doors:

- A8065
- 4651 (door manufacturer’s)

Outside of Door

- Raceway for Power (optional)
- Cylinder Hole
- Lever Handle Holes

Inside of Door

- Inside Mounting Plate Mounting Holes
- Raceway for Power (optional)
- Thumb Turn Location (Deadbolt Functions Only)
- Lever Handle Holes
- Mortise Pocket (8200)
2 Prepare Lock Body

1. Reverse Lock Hand
   Red surface of locking piece must face the outside/locked side of door. To rotate locking piece (Fig. 2A):
   a. Position lock body with red surface of locking piece visible.
   b. Insert blade type screwdriver into locking piece slot to rotate locking piece toward back of lock body.
   c. Rotate the locking piece 180° until RED surface is on opposite side.
   Note: Red indicates locked side (outside).

2. Reverse Latch Hand
   Beveled surface of latch must face strike (Fig. 2B).
   The deadlatch is self adjusting.
   To change hand of latchbolt:
   a. Insert screwdriver into spade (triangular)-shaped slot.
   b. 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.
Passport 1000 P2 Mortise Lock

3 Install Lock Body

Note: Do not pull the lock into the pocket using the harness alone.
Ensure that the wire harness is not pinched between the lock and the mortise pocket.

1. Feed the wire harness into the mortise pocket and through inside preparation hole as depicted in Figure 3.
2. Carefully push the lock body into the pocket while lightly applying tension to the wire harness.
3. Insert (2) #12-24 screws into the lock body and tighten* with a screw driver.

*Do not fully tighten until cylinder and levers are installed and properly aligned.
4 Outside Cylinder Installation

1. Slide the spring and the rosette onto the cylinder.
2. Rotate the cylinder into cylinder hole with fingers.
3. Insert key 75% of the way and utilize the key to rotate the cylinder into the rest of 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 Fig. 4A.
5. Hand tighten the cylinder clamp screw with Phillips screwdriver to prevent unscrewing of the cylinder (Fig 4C).
6. Test cylinder function:
   - Key retracts latchbolt and deadbolt (7976 function).
   - Key retracts latchbolt (7978 function).
   - Cylinder not present for 7977 and 7979 functions.
5 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 (Fig 5A).

2. On the inside of the door, insert spindle into square hole of mortise lock (Fig 5B).

3. Slide inside adapter and plate assembly over spindle and secure with (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.
6 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 (2) #12-24 lock body screws.

5. Before closing the door, test that the lever is functional and ensure smooth operation of the latchbolt.
7 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 (aligned with preparation holes).
4. Test thumb turn for function by retracting and projecting the deadbolt (7976 and 7977 functions only).

8 Install Gasket (Optional) and Outside Escutcheon

Note: Gasket is optional, for non-fire rated doors only.
For non-fire rated door applications, a gasket (Part number 52-0782) may be used as a weather seal between the escutcheon and the outside door surface.

1. Peel off adhesive backing and attach to outside escutcheon.
2. Insert the mounting posts through holes as shown.
3. Feed reader cable through side opening (Fig. 8).
9 Mounting Plate Assembly

1. On the inside of the door, position the mounting plate over the indicated holes.
2. Feed reader harness through central opening on mounting plate (Fig. 9A, B).
3. Route ground ring terminal from lock body through bottom of mounting plate and attach to bottom left corner using (1) #8-32 x 1-7/8" flat head machine screw.
4. Insert other three #8-32 x 1-7/8" flat head machine screws and tighten, fastening the outside escutcheon to the door (Fig. 9B).

**IMPORTANT:** If the following step is 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. 9B).
10 Installation of Connectors

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

Secure the following connectors to their respective terminals (Fig. 10):
A. Secure the 10-pin lock body assembly connector.

IMPORTANT: Do not run wires through bottom hole in plate (Fig. 10) - it will damage wires and the controller connector. Route wires around flange, do not route wires through the flange hole (Fig. 10).

Secure Mounting Plate
1. Tuck excess cable into wire hole on inside of door.
2. Secure the mounting assembly while ensuring proper alignment of outside reader and fully tighten the (2) through-bolts on the inside of the door to secure the reader and plate to the door.

B. Secure the 24-pin card reader connector (Fig. 10).
Install Inside Module Component Assembly

1. Insert top tabs of controller into slots on mounting plate (Fig. 13).
2. Ensure proper alignment of board-to-board connectors while pivoting bottom of controller toward door until tab on bottom snaps 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.
12 Install Batteries

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.

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.
14 Attach Outside Front Plate

Attach front plate with (2) #8-32 X 1/4" flat head screws (Fig. 14).
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 (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 the lock case or any other obstructions. If frictions or binding occurs, re-adjust cylinder 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 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 blue for approximately one minute. **Lock will default to programmed fail safe or fail secure.**

3. When you have completed the tests, close the door, ensuring latchbolt and deadbolt fully extend into strike plate without binding.

   *Refer to Network and Lock Configuration Tool user manual (WFMN1) for information on how to configure and program locks.
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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