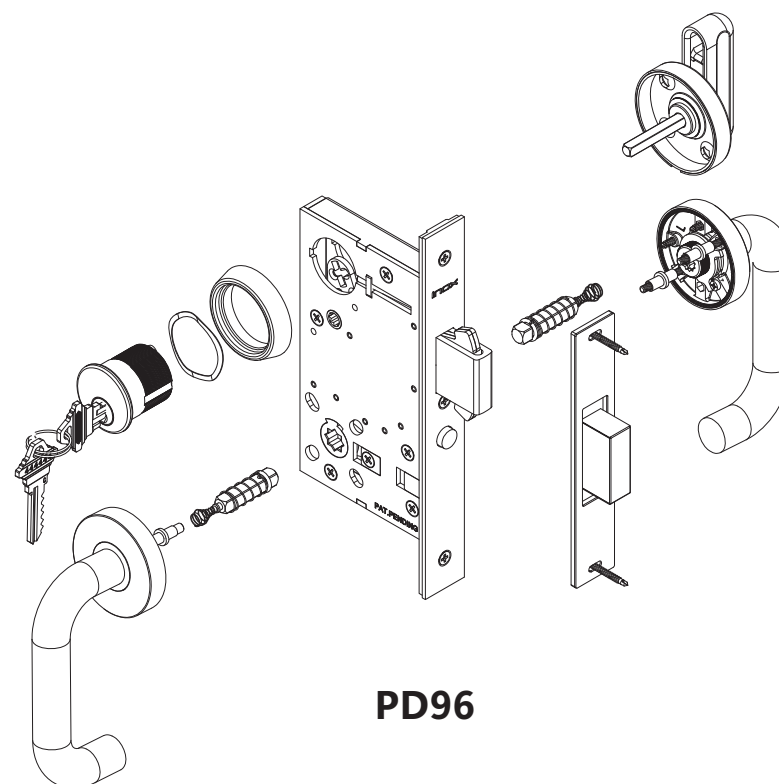


Installation Instructions

PD96 Self-Latching Mortise Lockset for Sliding Door with X Series Trim

UNISON HARDWARE, INC.
www.inoxproducts.com



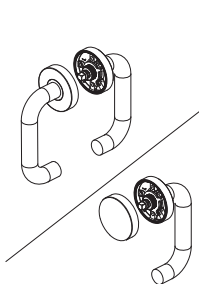
PD96

This product has been tested and certified for UL1784.

This product is intended to be installed in accordance with the installation wiring diagram, mechanical assembly drawings provided with each product, the local authority having jurisdiction (AHJ) and the National Electric Code, NFPA 70. When installed in fail secure mode, the local authority shall be consulted with regard to the use of possible panic hardware to allow emergency exit from the secure area.

PD96 Components List

A X Series Trim



-  5* - Compression Inserts
-  2 - M4x35mm Machine Screw
-  2 - FS-SLM M4x40-OHX
-  2 - Safety Lock Washer
-  4 - M4.2x19mm Self Tapping Screw for Metal Doors
-  4 - M4.2x19mm Wood Screw for Wood Doors
-  1 - 3mm Allen Key

B Cylinder & Keys



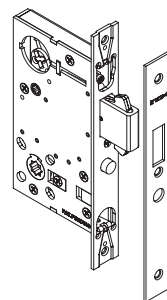
- 1 - Wave Washer

C Thumbturn



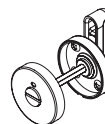
-  2 - M4x19mm Self Tapping Screw for Metal Doors
-  2 - M4x16mm Wood Screw for Wood Doors
-  1 - 3mm Allen Key

D Mortise Lock & Faceplate



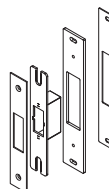
-  2 - M4x30mm Combo Screw
-  3 - M4x6mm Machine Screw

E Thumbturn & Coin Turn



-  4 - M4x19mm Self Tapping Screw for Metal Doors
-  4 - M4x16mm Wood Screw for Wood Doors
-  1 - 3mm Allen Key

F Strike Plate w/ Dust Box

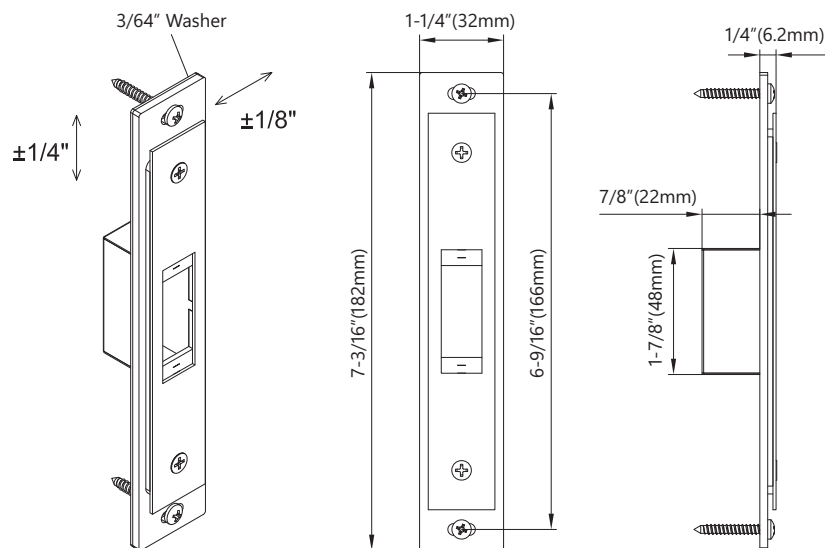


- 2 - M4.2x32mm Self-drilling screws
- 3 - M4x6mm Machine screws

* Extra fasteners provided for convenience

[illegible]

Dimensions for Adjustable Strike: PD9600 Series with X Series Trim

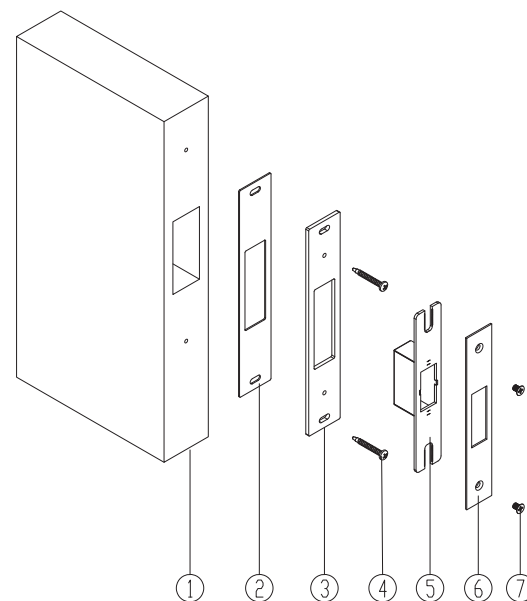


The INOX 3D Adjustable Strike offers a distinctive, patent pending construction that allows adjustment of the dust box.

The optional INOX 3D Adjustable Strike gives the installer the ability to fine-tune the gap between door and frame with a simple adjustment of the built-in strike screws, ensuring a perfect fit.

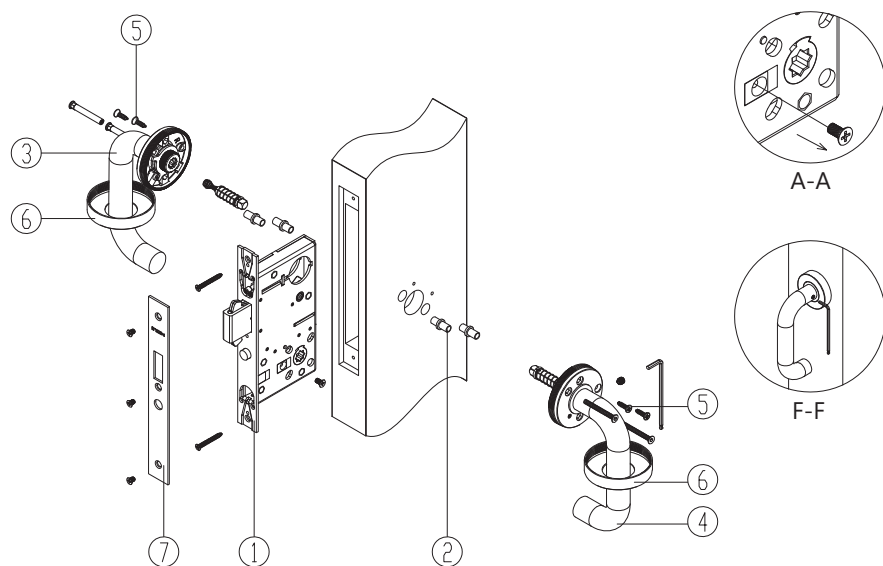
- Can be adjusted before or after installation
- No modification to the door frame is necessary for adjustment
- Dust box remains locked in place while the faceplate is adjustable in 3 directions
- Once set, our unique slotted system holds the dust box and faceplate rigid for smooth door opening and closing.
- With INOX Adjustable strike, the plate screws pull the lock/door closer to the frame to minimize the gap, or widen the gap between door and frame to allow tolerances for weather stripping.
- INOX Adjustable Strikes ensure perfect fit with easy installation.

Installation Instructions for Adjustable Strike: PD9600 Series with X Series Trim



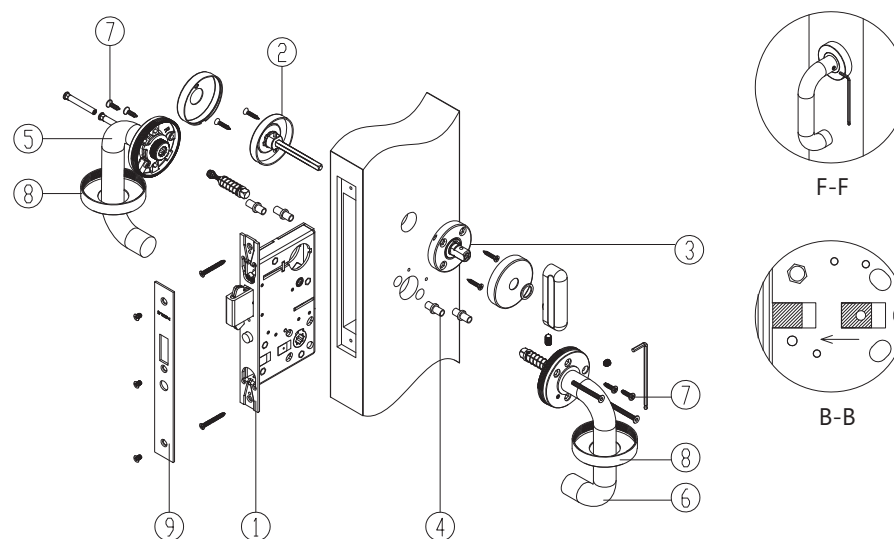
1. Drill holes according to the Template
2. Install the front and rear adjusting places
3. Install the left and right adjustment plates
4. Install M4. 2x32mm self drilling screws
5. Install the Dust box
6. Install Strike Plate
7. Install M4x6mm Machine Screw

Installation Instructions for Passage Function: PD9610 with X Series Trim



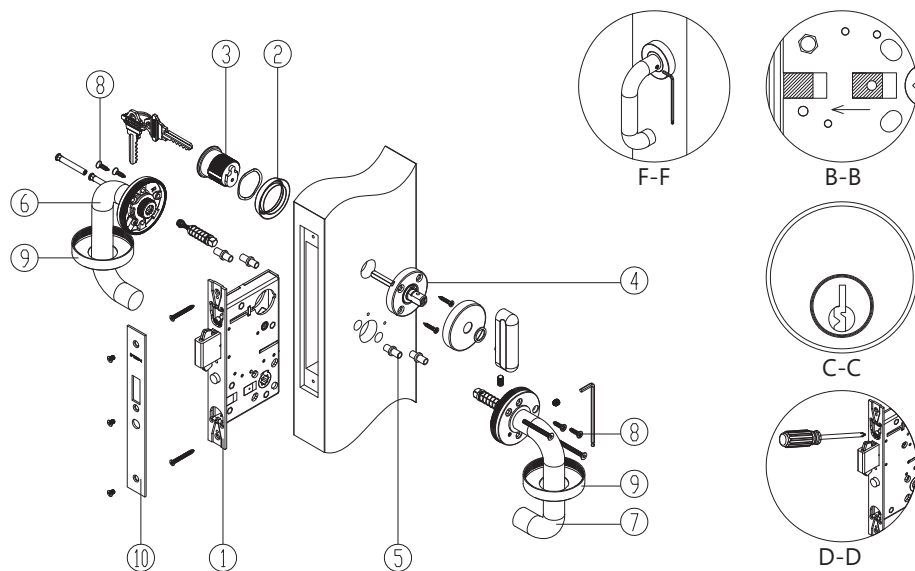
1. Remove the screws on both sides of the Lockcase (see A-A), install the Lockcase into the door, and then tighten the M4x30mm combo screws.
2. Install the compression inserts on both sides.
3. Install the outside X series trim and insert the FS-SLM M4x40-OHX nuts. Do not tighten the set screws.
4. Install the inside X series trim and tighten the M4x35mm screws.
5. Install the XRA trim. For wooden doors, use M4x19mm wood screws on both the inside and outside door bases; for metal doors, use M4.2x19mm self-tapping screws.
*If installing an XGT trim, these screws are not required.
6. Install the inside and outside rose covers.
NOTE: After the lever is installed, fully tighten the set screws for both inside and outside trim. See Section F-F.
7. Install armored faceplate with M4 screws.

Installation Instructions for Privacy Function: PD9640 with X Series Trim



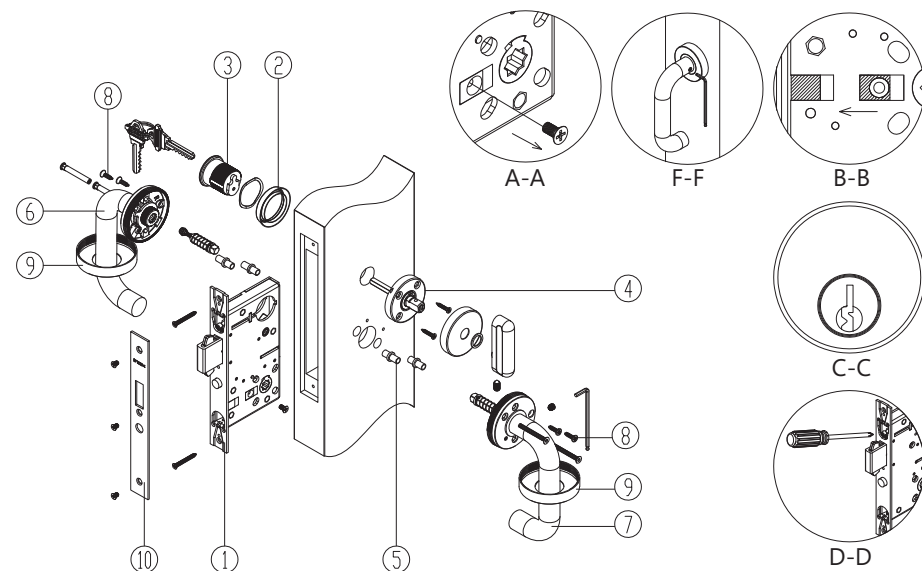
1. Make sure the Entry locking block is justified toward the faceplate of the lock. See section B-B. Then install the Lockcase into the door and then tighten the M4x30mm combo screws.
2. Install outside thumbturn release sub-rose and tighten M4x19mm screws
3. Mount inside privacy thumbturn rose with M4x19mm screws. Mount rose cover and clear washer before mounting thumbturn piece. Use Allen Key to tighten set screws. Mount the outside thumbturn release rose cover. **Thumbturn is only available in round version**
4. Install the compression inserts on both sides.
5. Install the outside X series trim and insert the FS-SLM M4x40-OHX nuts. Do not tighten the set screws.
6. Install inside X series trim and tighten the M4x35mm screws.
7. Install the XRA trim. For wooden doors, use M4x19mm wood screws on both the inside and outside door bases; for metal doors, use M4.2x19mm self-tapping screws.
*If installing an XGT trim, these screws are not required.
8. Install the inside and outside rose covers.
NOTE: After the lever is installed, fully tighten the set screws for both inside and outside trim. See Section F-F.
9. Install armored faceplate with M4 screws.

Installation Instructions for Inner Entry Function: PD9650 with X Series Trim



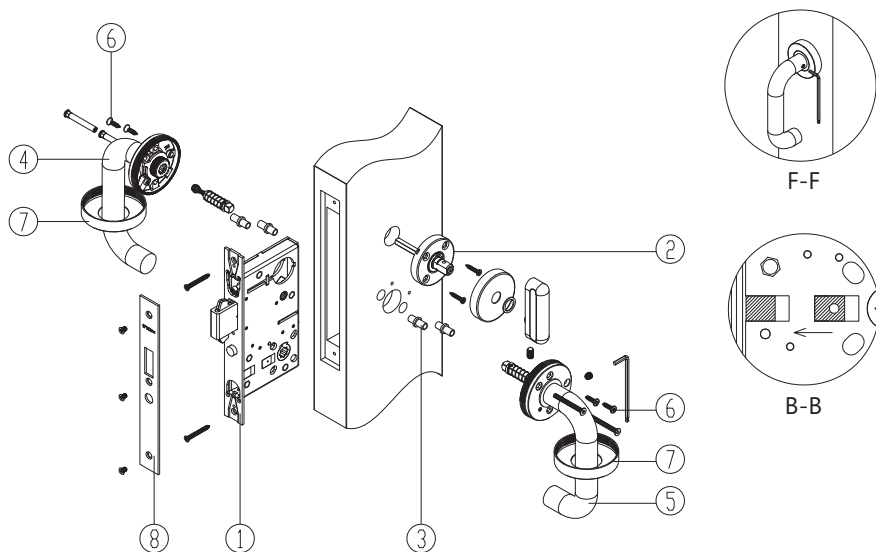
1. Make sure the Entry locking block is justified toward the faceplate of the lock. See section B-B. Then install the Lockcase into the door and then tighten the M4x30mm combo screws.
2. Screw on outside cylinder escutcheon ring with spacer.
3. Install mortise cylinder.
NOTE: Key slot on cylinder should be on lower center position. See section C-C. Using a screwdriver, tighten the M4 screws on the lockcase to position the cylinder into place. See section D-D.
4. Mount inside privacy thumbturn rose with M4x19mm screws. Mount rose cover and clear washer before mounting thumbturn piece. Use Allen Key to tighten set screws. Mount the outside thumbturn release rose cover.
Thumbturn is only available in round version
5. Install the compression inserts on both sides.
6. Install the outside X series trim and insert the FS-SLM M4x40-OHX nuts. Do not tighten the set screws.
7. Install inside X series trim and tighten the M4x35mm screws.
8. Install the XRA trim. For wooden doors, use M4x19mm wood screws on both the inside and outside door bases; for metal doors, use M4.2x19mm self-tapping screws.
*If installing an XGT trim, these screws are not required.
9. Install the inside and outside rose covers.
NOTE: After the lever is installed, fully tighten the set screws for both inside and outside trim. See Section F-F.
10. Install armored faceplate with M4 screws.

Installation Instructions for Entrance Function: PD9653 with X Series Trim



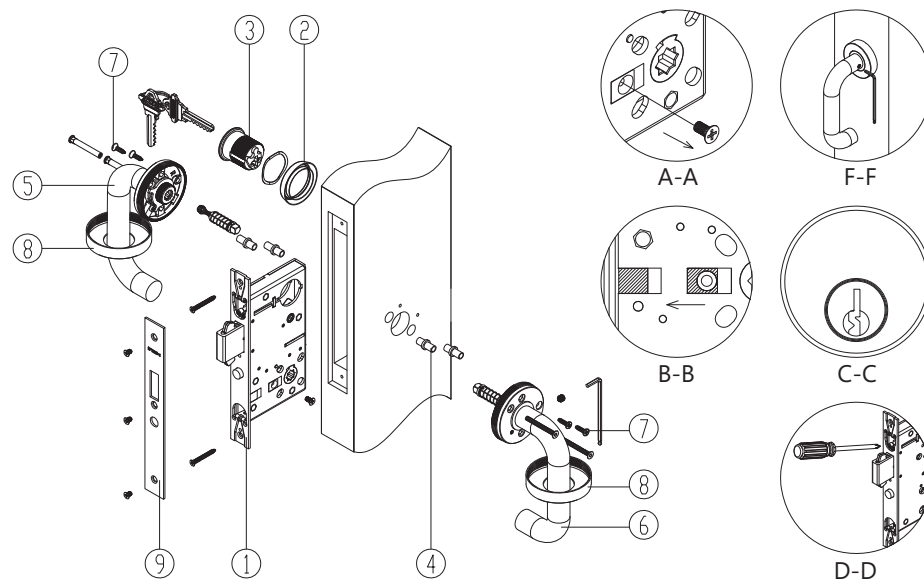
1. Make sure the handing screws from the interior room side of the lockcase have been removed. See section A-A. Then install the Lockcase into the door and then tighten the M4x30mm combo screws.
2. Screw on outside cylinder escutcheon ring with spacer.
3. Install mortise cylinder.
NOTE: Key slot on cylinder should be on lower center position. See section C-C. Using a screwdriver, tighten the M4 screws on the lockcase to position the cylinder into place. See section D-D.
4. Mount inside privacy thumbturn rose with M4x19mm screws. Mount rose cover and clear washer before mounting thumbturn piece. Use Allen Key to tighten set screws. Mount the outside thumbturn release rose cover.
Thumbturn is only available in round version
5. Install the compression inserts on both sides.
6. Install the outside X series trim and insert the FS-SLM M4x40-OHX nuts. Do not tighten the set screws.
7. Install inside X series trim and tighten the M4x35mm screws.
8. Install the XRA trim. For wooden doors, use M4x19mm wood screws on both the inside and outside door bases; for metal doors, use M4.2x19mm self-tapping screws.
*If installing an XGT trim, these screws are not required.
9. Install the inside and outside rose covers.
NOTE: After the lever is installed, fully tighten the set screws for both inside and outside trim. See Section F-F.
10. Install armored faceplate with M4 screws.

Installation Instructions for Patio Function: PD9660 with X Series Trim



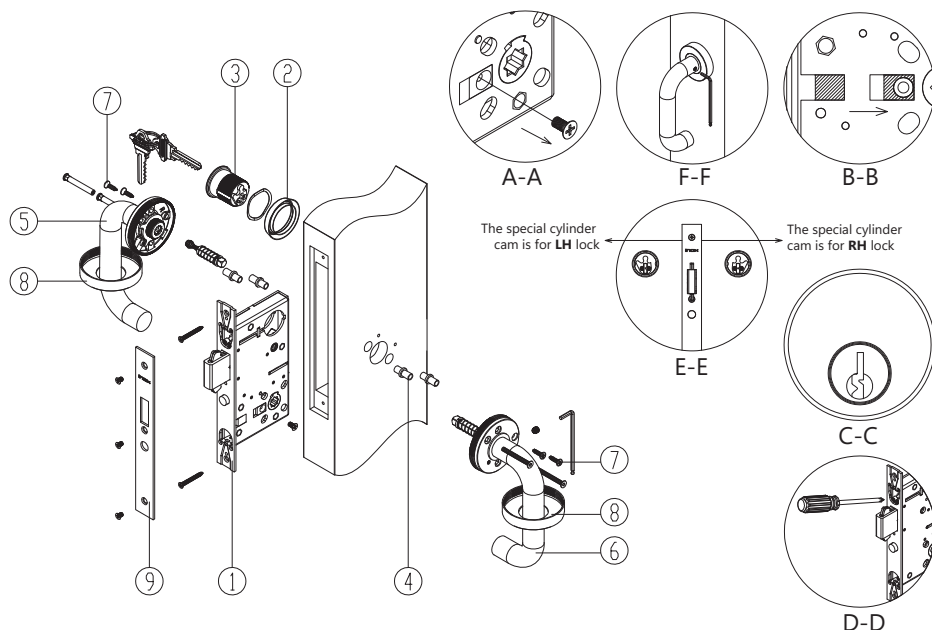
1. Make sure the Entry locking block is justified toward the faceplate of the lock. See section B-B. Then install the Lockcase into the door and then tighten the M4x30mm combo screws.
2. Mount inside privacy thumbturn rose with M4x19mm screws. Mount rose cover and clear washer before mounting thumbturn piece. Use Allen Key to tighten set screws. Mount the outside thumbturn release rose cover.
Thumbturn is only available in round version
3. Install the compression inserts on both sides.
4. Install the outside X series trim and insert the FS-SLM M4x40-OHX nuts. Do not tighten the set screws.
5. Install inside X series trim and tighten the M4x35mm screws.
6. Install the XRA trim. For wooden doors, use M4x19mm wood screws on both the inside and outside door bases; for metal doors, use M4.2x19mm self-tapping screws.
*If installing an XGT trim, these screws are not required.
7. Install the inside and outside rose covers.
NOTE: After the lever is installed, fully tighten the set screws for both inside and outside trim. See Section F-F.
8. Install armored faceplate with M4 screws.

Installation Instructions for Classroom Function: PD9670 with X Series Trim



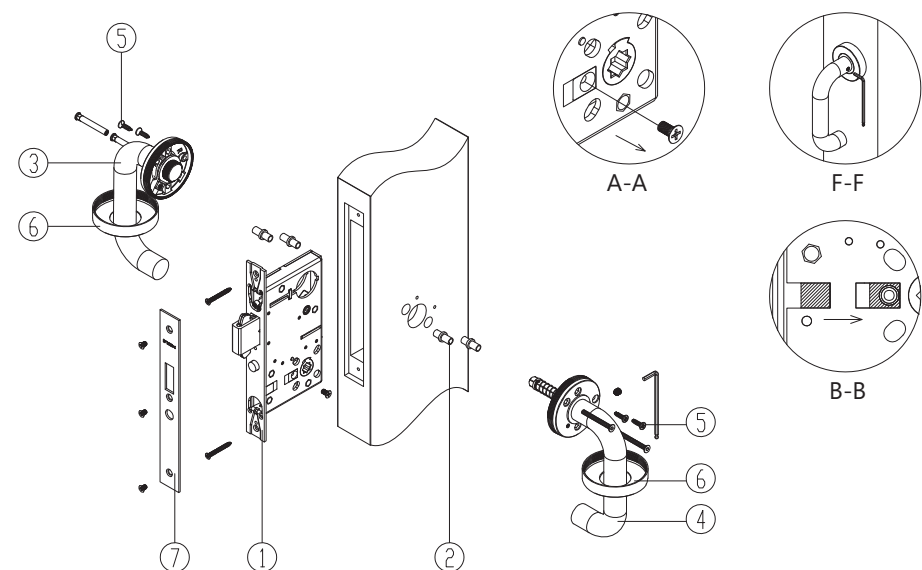
1. Make sure handing screws from the interior room side of the lockcase have been removed. See section A-A. Then install the Lockcase into the door and then tighten the M4x30mm combo screws.
2. Screw on outside cylinder escutcheon ring with spacer.
3. Install mortise cylinder. NOTE: Key slot on cylinder should be on lower center position. See section C-C. Using a screwdriver, tighten the M4 screws on the lockcase to position the cylinder into place. See section D-D.
4. Install the compression inserts on both sides.
5. Install the outside X series trim and insert the FS-SLM M4x40-OHX nuts. Do not tighten the set screws.
6. Install inside X series trim and tighten the M4x35mm screws.
7. Install the XRA trim. For wooden doors, use M4x19mm wood screws on both the inside and outside door bases; for metal doors, use M4.2x19mm self-tapping screws.
*If installing an XGT trim, these screws are not required.
8. Install the inside and outside rose covers.
NOTE: After the lever is installed, fully tighten the set screws for both inside and outside trim. See Section F-F.
9. Install armored faceplate with M4 screws.

Installation Instructions for Storeroom Function: PD9680 with X Series Trim



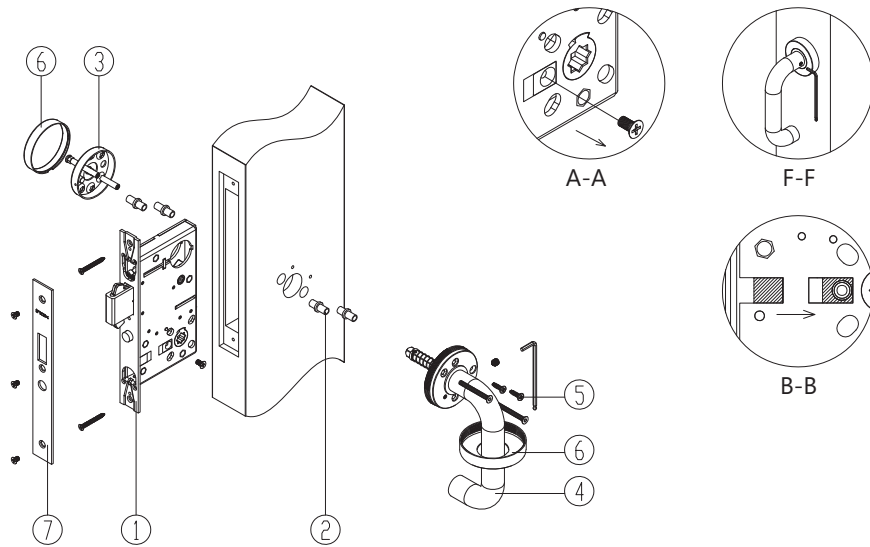
1. Make sure handing screws from the interior room side of the lockcase have been removed. See section A-A.
NOTE: Make sure the Entry locking block is justified away from the faceplate of the lock. See section B-B. Then install the Lockcase into the door and then tighten the M4x30mm combo screws.
2. Screw on outside cylinder escutcheon ring with spacer.
3. Install mortise cylinder. This function requires a special cylinder cam. See section E-E.
NOTE: Key slot on cylinder should be on lower center position. See section C-C. Using a screwdriver, tighten the M4 screws on the lockcase to position the cylinder into place. See section D-D.
4. Install the compression inserts on both sides.
5. Install the outside X series trim and insert the FS-SLM M4x40-OHX nuts. Do not tighten the set screws.
6. Install inside X series trim and tighten the M4x35mm screws.
7. Install the XRA trim. For wooden doors, use M4x19mm wood screws on both the inside and outside door bases; for metal doors, use M4.2x19mm self-tapping screws.
*If installing an XGT trim, these screws are not required.
8. Install the inside and outside rose covers.
NOTE: After the lever is installed, fully tighten the set screws for both inside and outside trim. See Section F-F.
9. Install armored faceplate with M4 screws.

Installation Instructions for Exit Function: PD9690 with X Series Trim



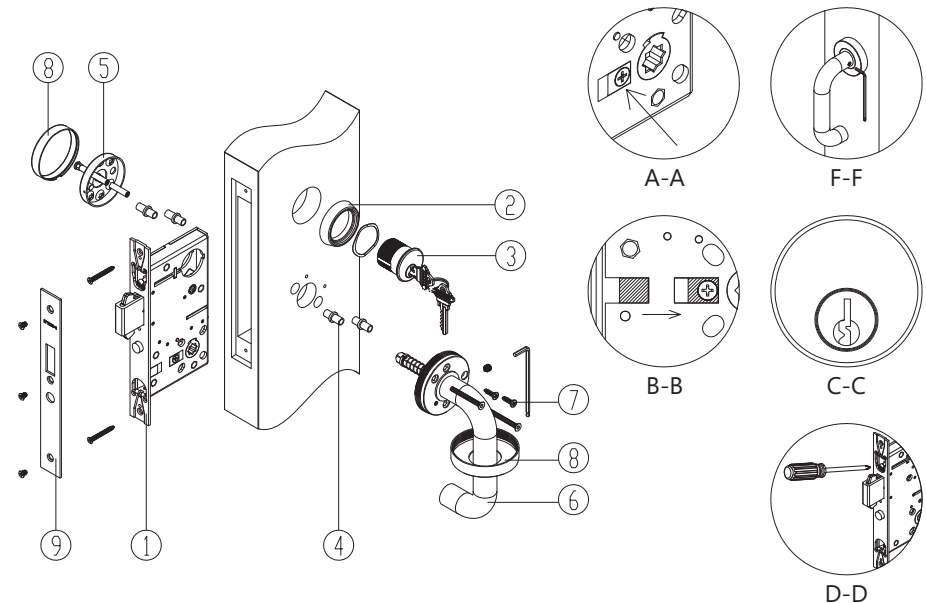
1. Make sure handing screws from the interior room side of the lockcase have been removed. See section A-A.
NOTE: Make sure the Entry locking block is justified away from the faceplate of the lock. See section B-B. Then install the Lockcase into the door and then tighten the M4x30mm combo screws.
2. Install the compression inserts on both sides.
3. Install outside X series trim and insert the FS-SLM M4x40-OHX nuts.
NOTE: The outside dummy trim includes the dummy spindle. Do not tighten the set screws.
4. Install inside X series trim and tighten the M4x35mm screws.
5. Install the XRA trim. For wooden doors, use M4x19mm wood screws on both the inside and outside door bases; for metal doors, use M4.2x19mm self-tapping screws.
*If installing an XGT trim, these screws are not required.
6. Install the inside and outside rose covers.
NOTE: After the lever is installed, fully tighten the set screws for both inside and outside trim. See Section F-F.
7. Install armored faceplate with M4 screws.

Installation Instructions for Communicating Function: PD9692 with X Series Trim



1. Make sure handing screws from the interior room side of the lockcase have been removed. See section A-A.
NOTE: Make sure the Entry locking block is justified away from the faceplate of the lock. See section B-B. Then install the Lockcase into the door and then tighten the M4x30mm combo screws.
2. Install the compression inserts on both sides.
3. Install the outside blank sub-rose and insert the FS-SLM M4x40-OHX nuts.
4. Install inside X series trim and tighten the M4x35mm screws.
5. Install the XRA trim. For wooden doors, use M4x19mm wood screws on both the inside and outside door bases; for metal doors, use M4.2x19mm self-tapping screws.
*If installing an XGT trim, these screws are not required.
6. Install the inside and outside rose covers.
NOTE: After the lever is installed, fully tighten the set screws for both inside and outside trim. See Section F-F.
7. Install armored faceplate with M4 screws.

Installation Instructions for Security Communicating: PD9695 with X Series Trim



1. Do not remove the handing screws from either side. See section A-A.
NOTE: DO NOT tighten the faceplate screws until the cylinder has been installed.
NOTE: Make sure the Entry locking block is justified away from the faceplate of the lock. See section B-B. Then install the Lockcase into the door and then tighten the M4x30mm combo screws.
2. Screw on outside cylinder escutcheon ring with spacer.
3. Install mortise cylinder. **NOTE:** Key slot on cylinder should be on lower center position. See section C-C. Using a screwdriver, tighten the M4 screws on the lockcase to position the cylinder into place. See section D-D.
4. Install the compression inserts on both sides.
5. Install the outside blank sub-rose and insert the FS-SLM M4x40-OHX nuts.
6. Install inside X series trim and tighten the M4x35mm screws.
7. Install the XRA trim. For wooden doors, use M4x19mm wood screws on both the inside and outside door bases; for metal doors, use M4.2x19mm self-tapping screws.
*If installing an XGT trim, these screws are not required.
8. Install the inside and outside rose covers.
NOTE: After the lever is installed, fully tighten the set screws for both inside and outside trim. See Section F-F.
9. Install armored faceplate with M4 screws.