

Swing Door Handle Set Installation Instructions

A Phillips screwdriver is required.

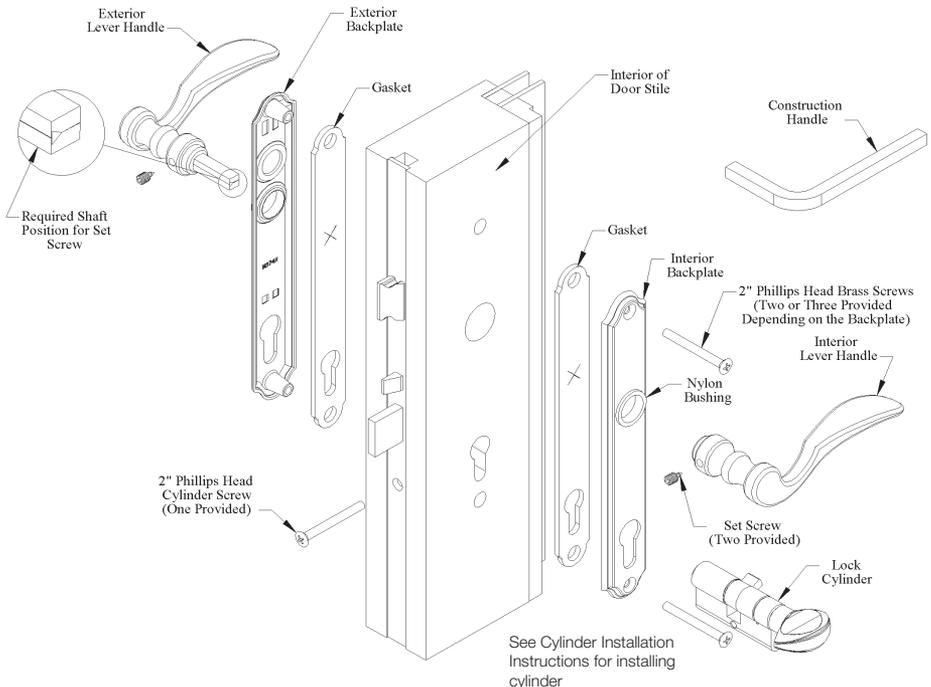
A 3mm hex wrench for set screws is provided in the hardware package.

To prevent damage to the handle set during the construction phase, use the enclosed construction handle to operate the door. Lift the handle to engage the multipoints. Push down to disengage.

Use water and a soft cloth to clean. Do not use brass cleaner or solvent based cleaning agents as they will remove the protective coating on the hardware.

Note: Handles and backplates vary by style but application is the same.

1. Apply the backplate gasket to the inside of the exterior and interior backplates. Push gaskets firmly into place to ensure a tight seal. Attach interior and exterior backplates to the door and fasten loosely with the screws provided. Note: The screw heads must be on the interior side of the door.
2. Insert the two-piece handle shaft into one handle. Be sure to orient the shaft as shown below. Screw the set screw until flush with handle using the hex wrench provided. Insert the handle with shaft attached through the escutcheon plate and door gear handle hole until extending out opposite side of door.
3. Install remaining handle onto shaft, pressing tightly to the backplates. Tighten the handle set screw with hex wrench. Screw until flush with handle.
4. Insert the keyed cylinder from the interior side of the door until it is flush with the exterior backplate. Install the cylinder screw in the screw hole below the deadbolt in the edge of the door to secure in place.
5. Hand tighten the backplate screws to complete assembly.



Swing Door Handle Operation Instructions

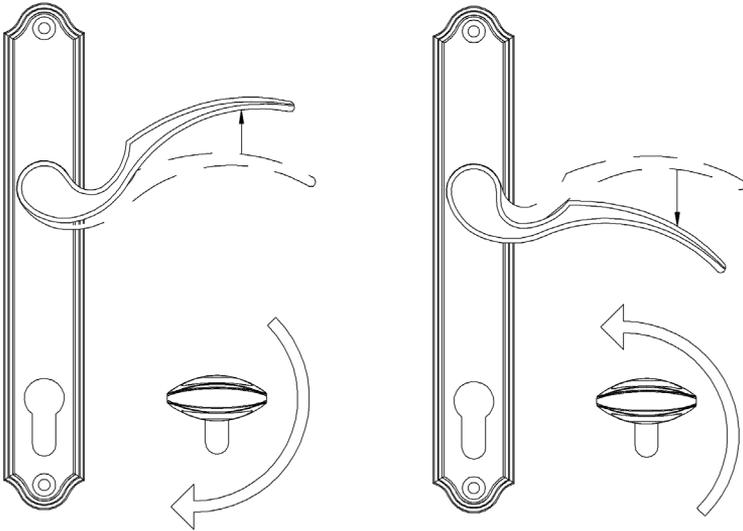
Handle and backplates vary in style

Automatic System

To lock an automatic system, push the door shut. Multi-points will engage automatically when the auto-release pin hits the strike plate mounted on the jamb.

Use a key or the thumbturn to engage the deadbolt after the multi-points are engaged.

Manual System



To lock a manual system, lift the handle to engage the multi-points before engaging the deadbolt.

Use the a key or the thumbturn to engage the deadbolt after the multi-points are engaged.

To open both automatic and manual systems, disengage the deadbolt with a key or the thumbturn, push the handle down until multi-points are retracted, and then open door.

Installation Instructions

90-Degree Turn Cylinder

Tools required:

- Phillips head screw driver
- Hex wrench (provided)
- Ring wrench (provided)
- Pliers (recommended)

Installation:

- Loosen set screw (C) on knob (D) using the hex wrench provided. Knob designs may vary from design shown.
- Remove knob (D) from body of cylinder (B).
- Align drive tab (J) with the cylinder body to install the cylinder into the lock as shown by (G). If the drive tab (J) cannot be rotated to this position, push the pin (E) down with the ring wrench (F) to disengage the stops and turn the cylinder shaft (B) until the drive tab (J) is aligned with the cylinder as shown by (G).
- Holding the cylinder in this position, insert the cylinder body into the lock so the drive tab (J) is inside of the lock.
- Rotate the shaft (B) (use pliers if necessary) so the top of the shaft (B) moves toward the edge of the door or insert the key (A) into the cylinder and rotate so the top of the key (A) moves towards the edge of the door (H). The shaft or key will rotate freely and will stop after approximately 120°. Do not force rotation. The dead bolt should not extend (exception: dead bolt will extend on single point gear). Confirm that one of the two set screw openings is positioned on the bottom of the shaft (B).
Warning: If the shaft (B) or key (A) is rotated the wrong direction, the cylinder will lock after approximately 120° and cannot be rotated in either direction. If this happens, push the pin (E) down with the ring wrench (F) included to disengage the stops and turn the shaft (b) or key (A) in the opposite direction until the dead bolt extends.
- Attach knob (D) on shaft (B) as shown.
- Tighten set screw (C). Install cylinder screw (K) as shown.

Removal:

- Loosen and remove cylinder screw (K) and repeat steps 1-4 above.

