

INSTALLATION INSTRUCTIONS

English
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Anlais

TOOLS NEEDED

- Drill
- 1" (25mm) Drill Bit
- 1/16" (2mm) Drill Bit
- Hammer
- Chisel
- 2-1/8" (54mm) Drill hole saw
- Phillips head screwdriver
- Tape Measure
- Pencil

1. Mark door for drilling

- Start 38" from floor. Fold and apply template to high edge of door.
- Mark center hole on door face through guide on template for 2-3/8" (60mm) or 2-3/4" (70mm) backset.

2. Drilling holes

- Drill 2-1/8" hole through door face as marked for lock set.
- Drill 1" hole in center of door edge for latch.

3. Installing the deadbolt latch set (need Phillips head screwdriver)

- Insert deadbolt latch set into door edge hole with the word "UP" and the arrow on the extension plate facing up. Cross shaped spindle connector will be at the bottom of the deadbolt latch set (figure 3a).
- Make sure the face plate sits flush with the door. Do not force the latch into the mortise flush. Chisel out the excess material if necessary for a flush fit.
- Using two 3/4" (19mm) screws provided, screw the latch into the door with a hand held screwdriver. **DO NOT OVER TIGHTEN.**

4. Identifying your door handling

- If the hinges are on the left your door is left handed (Figure 4a and 4b).
- If the hinges are on the right your door is right handed (Figure 4a and 4b).

NOTE: Deadbolt latch must be retracted when installing.

NOTE: You are standing outside the door.

Parts List:

- Strike Plate
- 3/4" (19mm) Screws (4 ea)
- Optional 3/4" (19mm) Screw (1 ea)
- Mounting Plate
- Interior Assembly
- Battery Cover
- 5/16" (8mm) Screws (2 ea)
- 1" (25mm) Screw (1 ea)
- Exterior Assembly
- Key
- Silicone Gasket
- Latch
- 7/8" (22mm) Screws (2 ea) or 1-1/8" (28mm) Screws (2 ea)
- 3/4" (19mm) Screws (8 ea)
- 3/4" (19mm) Screws (2 ea)
- 1" (25mm) Screw (1 ea)
- Interior Assembly
- Mounting Plate
- Entry Keys (2 ea)
- Keypad Assembly
- Deadbolt Strike Plate
- Deadbolt latch set (adjustable)
- 2-3/8" (60mm)
- 2-3/4" (70mm)
- Passage Knob Assembly
- Handle Strike Plate
- Handle Latch set (adjustable)

2 TOOLS REQUIRED

Tools required for installation on doors that require drilling:

DRILLING HOLE IN DOOR

Note: Please read and understand this entire manual before attempting to assemble, operate or install this product. Do not use an electric screwdriver. Only hand tighten screws with a Phillips head screwdriver. **DO NOT OVER TIGHTEN SCREWS**. If your door has pre-drilled holes skip to step 3 c.

1. Mark door for drilling

- Start 38" from floor. Fold and apply template to high edge of door.
- Mark center hole on door face through guide on template for 2-3/8" (60mm) or 2-3/4" (70mm) backset.

2. Drilling holes

- Drill 2-1/8" hole through door face as marked for lock set.
- Drill 1" hole in center of door edge for latch.

3. Marking the jamb hole location

- Insert latch in hole keeping it parallel to face of door. Mark outline and remove latch.
- Chisel 1/8" deep or until face is flush with door edge.
- Insert latch and tighten screws.

4. Install deadbolt strike plate into door frame

Note: if hole is predrilled skip to 4d

- Mark template from edge of jamb and locate the strike opening
- Drill 1" hole 1/2" deep in door jamb on center line of screws
- Outline outside edges of strike. Chisel 1/6" deep for strike or until flush
- Install strike and tighten screws (3/4" (19mm) Screws)

1st step if replacing face plate.

Found on separate page included

3 3. Marking the jamb hole location

TOOLS NEEDED

- Insert latch in hole keeping it parallel to face of door. Mark outline and remove latch.
- Chisel 1/8" deep or until face is flush with door edge.
- Insert latch and tighten screws.

4. Install deadbolt strike plate into door frame

Note: if hole is predrilled skip to 4d

- Mark template from edge of jamb and locate the strike opening
- Drill 1" hole 1/2" deep in door jamb on center line of screws
- Outline outside edges of strike. Chisel 1/6" deep for strike or until flush
- Install strike and tighten screws (3/4" (19mm) Screws)

1st step if replacing face plate.

4 ADJUSTING DEADBOLT LATCH SET

Note: Deadbolt latch set is shipped with the backset set at 2-3/8" (60mm) measures the backset (backset is distance between edge of the door and the center lock).

- To convert from 2-3/8" (60mm) backset to 2-3/4" (70mm) backset**
 - Hold latch with numbers facing forward and thumb pressing on the bolt (Figure 1a and Figure 1b)
 - Rotate the cylinder cover clockwise (figure 1c)
 - Pull and twist the extension plate all the way out (figure 1d)
 - Rotate the cylinder cover counter clockwise so that the marking aligns with the 2-3/4" (70mm) position indicator (figure 1e)
- To convert from 2-3/4" (70mm) backset to 2-3/8" (60mm) backset**
 - Hold latch with numbers facing forward and thumb pressing on the bolt (Figure 2a and Figure 2b)
 - Rotate the cylinder cover clockwise (figure 2c)
 - Push and twist the extension plate all the way in (figure 2d)
 - Rotate the cylinder cover counter clockwise so that the marking aligns with the 2-3/8" (60mm) position indicator (figure 2e)

INSTALLING DEADBOLT LATCH SET

Install Exterior Mechanism

- Insert knob with spindle into latch making certain that the spindle is positioned correctly through latch holes. Press flush against door.
- Install interior knob and secure with supplied screws.

INSTALLING HANDLE LATCH SET

- To convert from 2-3/8" (60mm) backset to 2-3/4" (70mm) backset**
 - Hold latch with numbers facing forward and thumb pressing on the bolt.
 - Pull the extension plate all the way out to the 2-3/4" (70mm) position indicator.
- To convert from 2-3/4" (70mm) backset to 2-3/8" (60mm) backset**
 - Hold latch with numbers facing forward and thumb pressing on the bolt.
 - Push the extension plate all the way in to 2-3/8" (60mm) position indicator.

5 INSTALLING DEADBOLT LATCH SET

Note: Do not use **DRILL** for any screws

3. Installing the deadbolt latch set (need Phillips head screwdriver)

- Insert deadbolt latch set into door edge hole with the word "UP" and the arrow on the extension plate facing up. Cross shaped spindle connector will be at the bottom of the deadbolt latch set (figure 3a).
- Make sure the face plate sits flush with the door. Do not force the latch into the mortise flush. Chisel out the excess material if necessary for a flush fit.
- Using two 3/4" (19mm) screws provided, screw the latch into the door with a hand held screwdriver. **DO NOT OVER TIGHTEN.**

4. Identifying your door handling

- If the hinges are on the left your door is left handed (Figure 4a and 4b)
- If the hinges are on the right your door is right handed (Figure 4a and 4b)

NOTE: Deadbolt latch must be retracted when installing.

NOTE: You are standing outside the door.

Figure 4a: Stand outside the door. Out Swing Door: left handed door hinges are on the left side; right handed door hinges are on the right side.

Figure 4b: Stand outside the door. In Swing Door: left handed door hinges are on the left side; right handed door hinges are on the right side.

6 PREPARING THE INTERIOR ASSEMBLY

5. Unpack the interior assembly

- Remove the battery cover by sliding the cover upward
- Locate the screws holding the Mounting Plate to the interior assembly. Remove the screws to release the mounting plate from the Interior Assembly.

6. Set the entry switch for the left or right handed door

- Gently move the switch to "L" for Left Handed Door (figure 6a)
- Gently move the switch to "R" for Right Handed Door (figure 6b)

NOTE: Make sure deadbolt latch is retracted

7. Set the interior knob position for left or right hand hinged doors

- The interior knob goes in the horizontal position for Left Handed Doors (figure 7a)
- The interior knob goes in the vertical position for Right Handed Doors (figure 7b)

7 INSTALLING EXTERIOR ASSEMBLY

8. Installing the exterior assembly

Work with the Door Open for easy access.

- Unpack the Exterior Assembly. Use care to not scratch the green circuit board during handling and installation.
- Check that the Rubber Gasket is properly seated on the Exterior Assembly (Figure 8a-b).
- Insert the Exterior Assembly onto the door with the tail piece going through the Deadbolt Latch Set cross shaped spindle connector in the VERTICAL POSITION. Route the Control Wire through door over the Deadbolt Latch Set (Figure 8c).

NOTE: Tail piece must be positioned vertically.

9. Securing the exterior assembly to the door

- From the side marked "This side against door", route the Control Wire through the rectangular slot in the Mounting Plate.
- Place Mounting Plate against door with tailpiece passing through the center hole in the three hole set (Figure 9a-f).
- Secure the Mounting Plate to the Exterior Assembly using two 7/8" (22mm) or 1-1/8" (25mm) Screws.
- Hand tighten with a Phillips Head Screwdriver leaving loosely connected (Figure 9a-f).
- Check that the Rubber Gasket is properly aligned and correct as necessary.
- Check vertical alignment of the lock (Figure 9a-f).
- Tighten securely with a hand held Phillips Head Screwdriver. **DO NOT OVER TIGHTEN.**

10. Optional Installation

- Using a 1/16" (2mm) drill bit, drill a pilot hole in your door using the Mounting Plate upper hole as a guide (Figure 10a).
- Insert one 3/4" (19mm) screw and tighten.

NOTE: Lock and unlock using the key to see if the Deadbolt Latch is opening and closing easily.

8 INSTALLING INTERIOR ASSEMBLY

11. Attach the control wire to the interior assembly

- Use care to attach the Control Wire male plug to the Interior Assembly female socket connector (Figure 11a-d).
- Do not force the Control Wire male plug into the Interior Assembly female socket connector (Figure 11a-d).
- The Control Wire male plug has two alignment tabs on the smooth side of the plug which is the top of the plug (Figure 11a-d).
- The Control Wire male plug is inserted with the smooth side up into the Interior Assembly female socket connector (Figure 11a-d).

12. Attach the interior assembly to door

- Position the Interior Assembly over the tailpiece and push the Interior Assembly against the door (Figure 12a-b).
- Using two 5/16" (8mm) screws and one 1" (25mm) screw, attach the Interior Assembly to the Mounting Plate. **DO NOT OVER TIGHTEN SCREWS** (Figure 12a-b).

NOTE: Lock and unlock using Interior Knob to see if the latch is opening and closing easily.

INSTALLING INTERIOR ASSEMBLY (CONT.)

13. Installing Batteries

- Insert 4 AA high quality Alkaline batteries into the Battery Compartment in the direction noted +/- on the Compartment. The Lock will beep 2 times, the Keypad will illuminate blue, and the Light Indicator will flash green twice to signify that it has received power (Figure 13a).
- Slide the Battery Cover down into the track on the Interior Assembly to cover the batteries (Figure 13b).

NOTE: Do not touch the Keypad until the blue light turns off. Do not use rechargeable batteries or non-alkaline batteries.

14. Testing Lock

With the Door Open

- Test the lock using the Interior Knob. The bolt should move smoothly.
- Test the lock using the keypad. To lock press **1234** and then press **1234**.

