



# Sargent & Greenleaf, Inc.

## Model 6140 Electronic Door Lock

### Installation Guide

These instructions show left-hand, outswing mount. The product can be installed left or right, outswing or inswing, as long as it has the appropriate strike. (See Strike Options.)

Follow these steps to install the Model 6140 Electronic Door Lock.

1. Make sure you have the following tools:

Center punch	Slot head screwdriver	#25 drill (3.78mm)
Drill motor	Phillips head screwdriver	1/8" drill (3.17mm)
Hammer	File (half-round)	3/8" drill (9.52mm)
Ruler and pencil		

You also need two (2) 9-volt alkaline batteries (not included) for the electronic lock. (Duracell® batteries are recommended.)

2. The appropriate mounting height is 48" from the bottom of the door to the bottom of the lock case. Turn the exit knob (on the lock assembly) to the unlocked position and then insert the strike to lock it into place. With the door closed, hold the lock with the strike against the door jamb, making sure the strike is parallel to the face of the door.

Mark two (2) holes on the door jamb. Refer to the photograph in Figure 1.

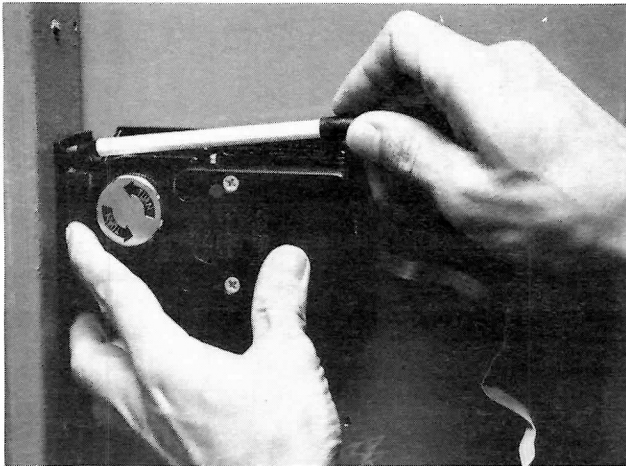
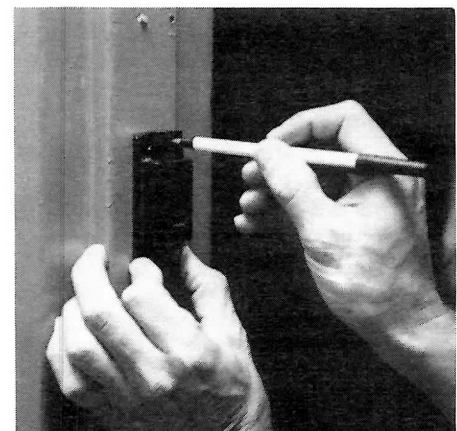
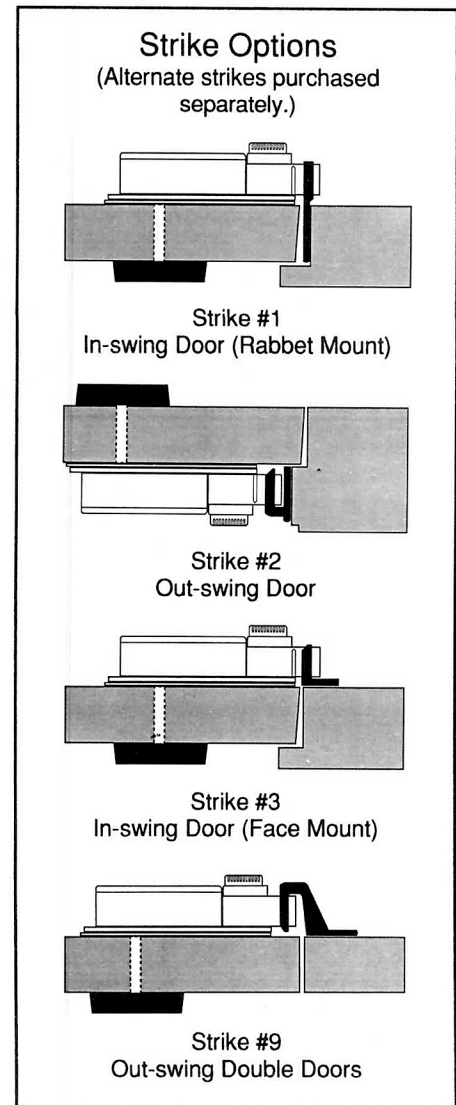


Figure 1

3. Remove the strike from the lock assembly and mark the remaining strike holes on the door jamb. Refer to the photograph in Figure 2.

Figure 2



4. Center punch the strike holes and drill with a #25 drill (3.78mm).
5. Install the strike with the five (5) #10 screws provided. Refer to the photograph in Figure 3.

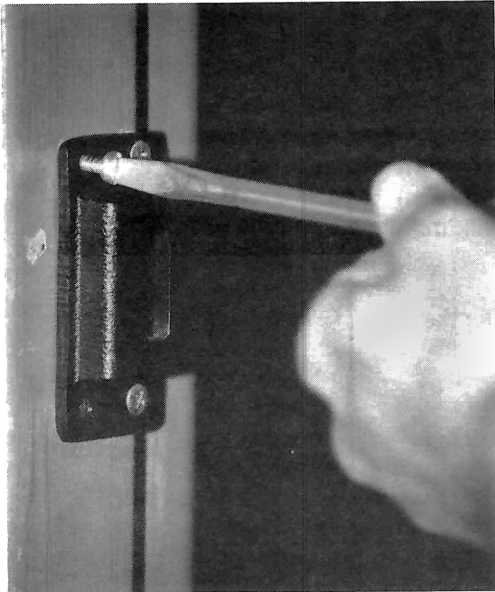


Figure 3

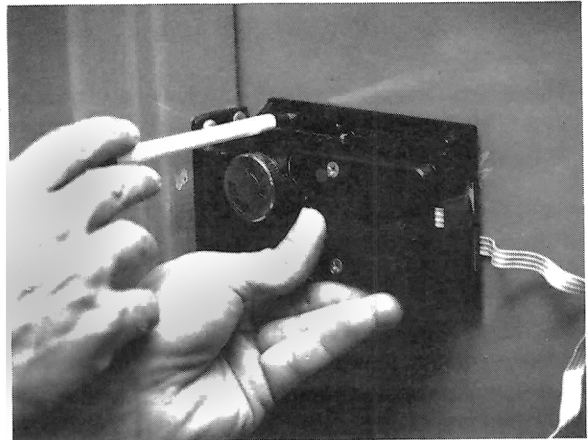


Figure 4

6. Attach the lock to the strike and close the door. Position the lock so there is visually an equal amount of clearance around the bolt. Mark the door through the mounting holes.

Note: Make sure the position of the lock allows the bevel on the lock bolt to contact the strike squarely. Refer to the photograph in Figure 4.

7. Center punch all marks on door
8. Drill six (6) #25 (3.78mm) holes through the lock side of the door only.
9. From one of the mounting holes furthest from the bolt end, measure 11/16" (17.4mm) towards the bolt and 1 1/2" (38.1mm) towards the center of the base, and make a mark for the 3/8" diameter (9.52mm) lock cable hole. Refer to the diagram in Figure 5.
10. Drill one (1) 3/8" (9.52mm) hole through the door for the lock cable. Use a file to remove any rough edges.

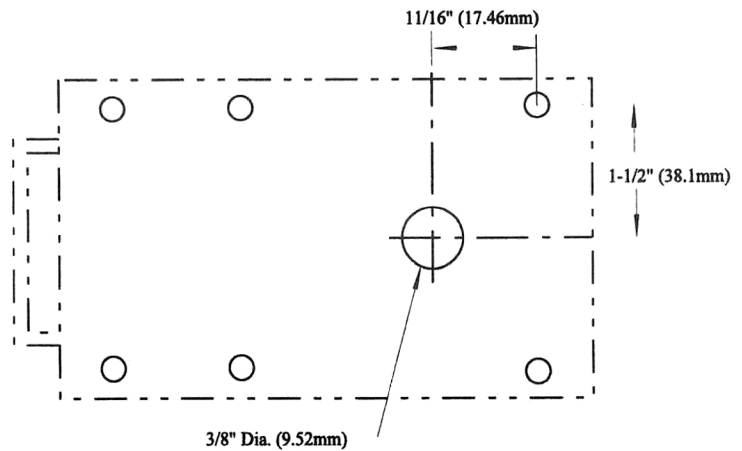
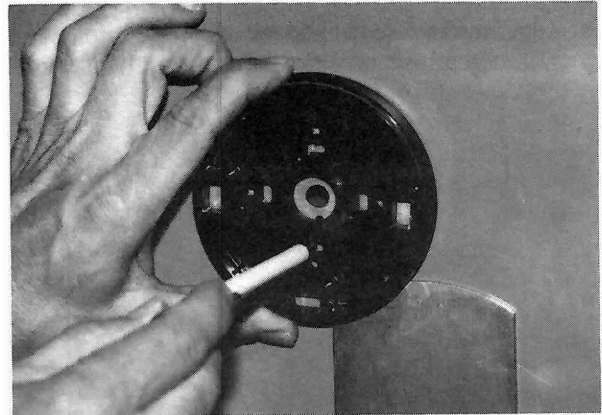


Figure 5

11. On the entry side of the door, center the keypad housing base around the cable hole and mark two (2) mounting holes through the slots in the base. Refer to the photograph in Figure 6.

Figure 6



12. Center punch and drill two (2) 1/8" (3.17mm) base mounting holes.

13. Feed the lock cable through the door. Refer to the photographs in Figures 7 and 8. Mount the lock to the door with two (2) #10 screws. Make sure the cable is not pinched between the lock base and door.

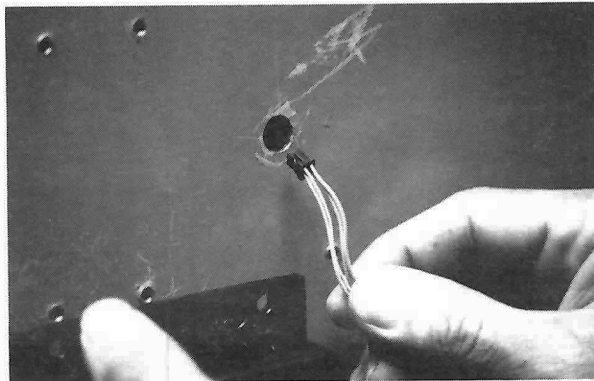


Figure 7

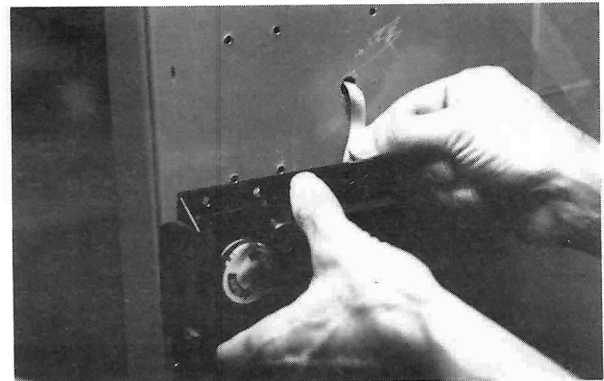


Figure 8

14. Standing on the side of the door where the strike is visible, let the door close to check the bolt-to-strike function. Make any adjustments necessary, then install the remaining #10 screws. Refer to the photograph in Figure 9.

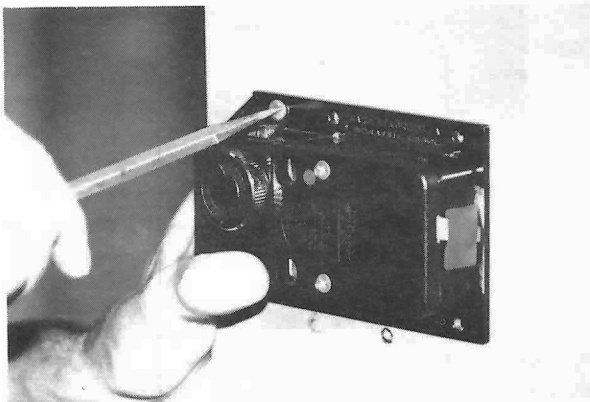


Figure 9

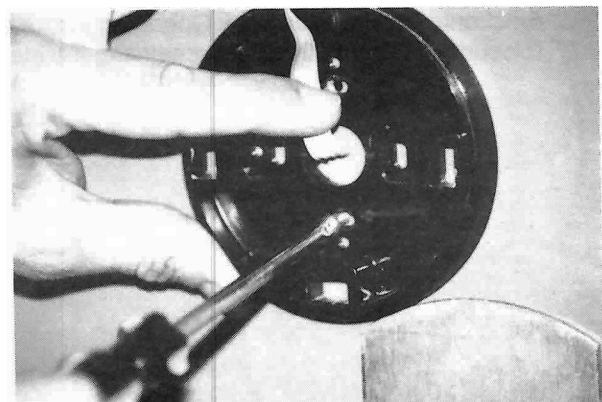


Figure 10

15. Install the housing base using two (2) #8 screws. Refer to the photograph in Figure 10.

16. Install two (2) 9-volt alkaline batteries in the housing, and plug the lock cable into the housing circuit board. Connector will only plug in one way. Refer to the photograph in Figure 11.

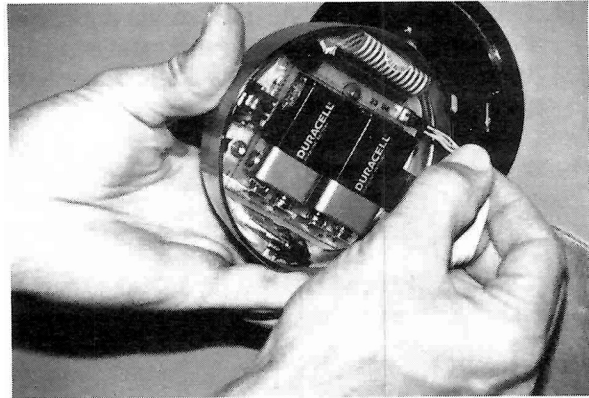


Figure 11

17. Fold the lock cable up to avoid pinching the cable in the housing mounting clips. Refer to the photograph in Figure 12.



Figure 12

18. Attach the housing to the base and test the lock function. Refer to the photograph in Figure 13.



Figure 13

19. Refer to the Sargent & Greenleaf Model 6120 Motorized Electronic Combination Lock Operating Instructions (Document #630-302) for programming the electronic lock.



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