

Series 3 Technician's Installation and Service Training Manual

8070 Auto-Lock Installation



Warning Electrical Shock Hazard

To prevent serious injury or death always ensure power is disconnected when wiring anything into the ZAP Controller.

Materials required
8070 Auto-Lock Kit

Tools required
Drill, 1/4" and 7/16" Drill bit, Appropriate wrenches and screwdrivers, Appropriate mounting fasteners

Isolate the power supply before wiring any device into a ZAP Controller.

Do not remove the rubber band holding the shoot bolt in the solenoid until installation is complete. (Figure A)

Position the shoot-bolt assembly on the door track above a roller ensuring there is at least 3/8" distance between the bottom of the shoot bolt and the top of the desired roller. Mark the center position of the shoot bolt.

Drill a 7/16" hole to allow the shoot bolt to pass through the track. Reposition the Solenoid assembly with the shoot bolt aligned in the center of the drilled hole and mark the U-Bracket mounting holes. Using a 1/8" Drill Bit, drill pilot holes from the out-side of the track. After drilling the pilot holes, use a 1/4" drill bit to drill the mounting holes from the inside of the track. Using the provided flat head screws or track bolts, bolt the solenoid bolt assembly to the track ensuring the shoot bolt is centered in its hole allow free travel. Once bolted into place, remove the rubber band holding the shoot bolt in the solenoid. Remove the securing pin from the bolt and test to see that the bolt travels freely by pushing it in and releasing from the inside of the track with your finger. (Figure B)

Take the provided wiring cable and connect the female spade terminals to the solenoid. Secure the cable neatly along the track and wall and introduce it into the inside of the ZAP Controller through the pre-drilled wiring access located on the bottom of the controller.

Taking the 8067 Auto-Lock module in hand (Figure C), insert the two provided wires from the Auto-Lock solenoid into the two terminals on the 8067 Module as indicated in figure C and highlighted in red. (Figure D)

With wiring of the Auto-Lock completed and the power supply isolated so there is no power to the controller, plug the 8067 Auto-Lock Module onto the 10-pin socket connector as shown (Figure E), ensuring that all 10 pins are properly seated.

Plug the operator back into the power supply.

Cycle the door open, while listening and observing that the shoot bolt was activated and withdrew enough to allow the roller to pass. After ensuring that all rollers freely clear the shoot bolt and that it fully extended itself back into the track after the open cycle was completed, cycle the door closed and observe the same.



Figure A



Figure B



Figure C

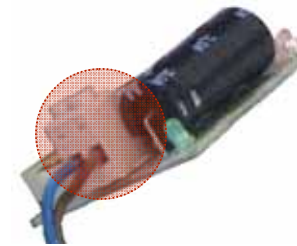


Figure D



Figure E

ZAP Series 3 Simply Logical

ZAP Controls
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