

# Series 3 Technician's Installation and Service Training Manual

## Service Due Reminder

A service due reminder is incorporated in the control unit. It is not enabled during manufacture.

If you choose to employ the service due reminder it is recommended that the 850 Beeper Module be added to add an audible announcement that service is due. (See 850 Beeper module installation page). However, it is not required. Once employed, the operator will automatically alert the end user that service is due. This occurs at 19,200 operations or 9,600 cycles.

The ZAP operator is designed to require the drive belt to adjusted at approximately 10,000 cycles. Further, standard torsion springs are typically designed for 10,000 cycles. The service due reminder will activate at 9,600 cycles to alert the end user that door and operator service is due in time to adjust the belt and to replace the torsion springs. If higher cycle springs are used, tracking the cycle life of the springs is made simple by tracking the number of service due alerts made. For example if the door has 50,000 cycle springs installed, then on the fifth service due alert it be prudent to replace the torsion springs to prevent the operational down time if the door due to spring breakage.

Enabling the service due reminder:

If the 850 Beeper module is not employed it will be required to open the case lid of the controller to observe the acknowledge LED. (Figure A)  
Press and hold the STOP button.(Figure B)  
Press and hold the OPEN button.(Figure B)  
Release both buttons after the second beep or flash of the acknowledge LED. (Figure C)  
Two beeps or flashes of the ACK LED confirms the reminder is enabled.

Alerting the customer that service is due is accomplished by two methods. First, after the door has 19,200 operations or 9,600 cycles (open+close=1cycle). The service due reminder becomes active and delays the close cycle by 10 seconds, If the 850 beeper module is installed it will sound 10 times during this delay. This audible alert, plus the physical delay is the alert that prompts the end user that service is due. It is advisable to notify the end user of this process so that he is aware of the alert process and does not confuse this notification with an operator malfunction.

To reset the service due reminder after servicing the door and the operator, repeat the enable sequence.

If it is required to disable the service due reminder:  
Press and hold the STOP button.  
Press and hold the OPEN button. Release both buttons after the second beep or flash of the acknowledge LED.



Figure A



Figure A



Figure B

### ZAP Series 3 Simply Logical

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