



# ZAP Technical Instruction

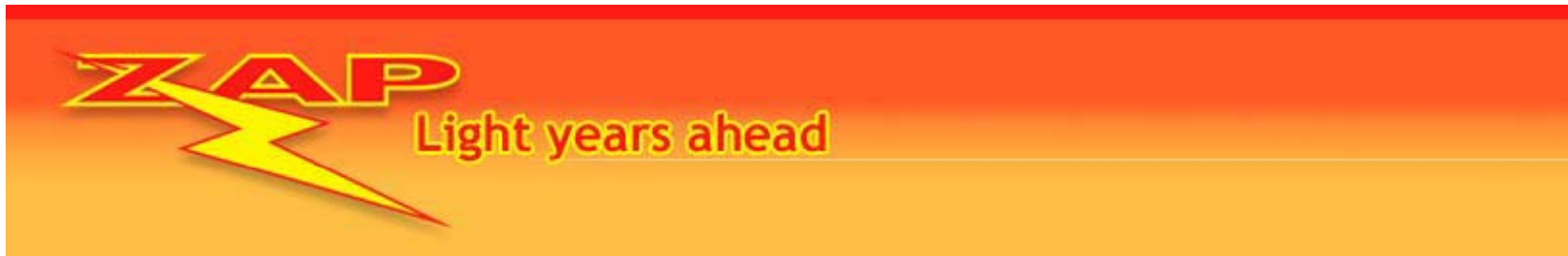


The Smallest, Quietest & Safest Garage Door Operator in the World!



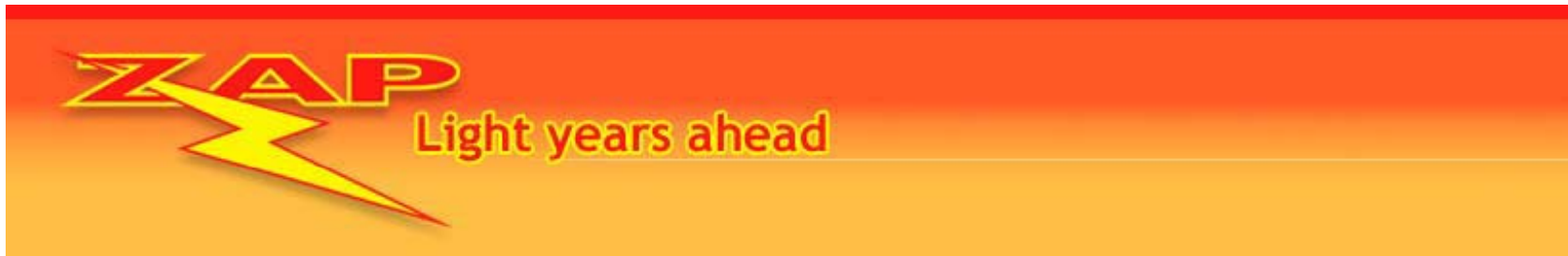
# Controller Setup Residential Operators





- Materials Needed

Appropriate operator for door size (See model application chart)



- Series controller applicable to:
  - 800-R



- Once the door operator is fully installed, Place the case lid into the service position.
- Release the over-ride lever and lift the door approximately 2 feet off the ground. Re-engage the over-ride lever.





- To determine the motor direction polarity, press the button on the controller case lid.





- The open led should illuminate and the door will run in either the open or close direction.





- Now press the button on the case lid again to stop the motor.





- If the door runs in the closed direction, isolate the main A/C power supply and set DIP switch #7(Motor Polarity Switch) to the opposite position.
- **DO NOT MOVE THE SWITCH WHILE THE MOTOR IS RUNNING.**



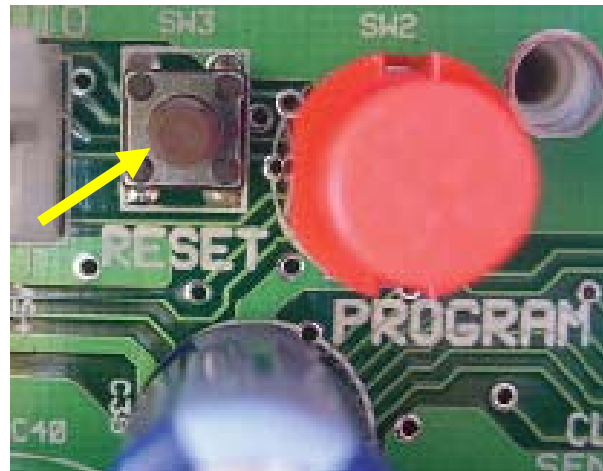


- Release the over-ride lever and lower the door to the floor.
- Re-engage the over-ride lever.
- It is now necessary to complete the initial calibration process.
- This particular process is required only for the residential operator.

# ZAP

Light years ahead

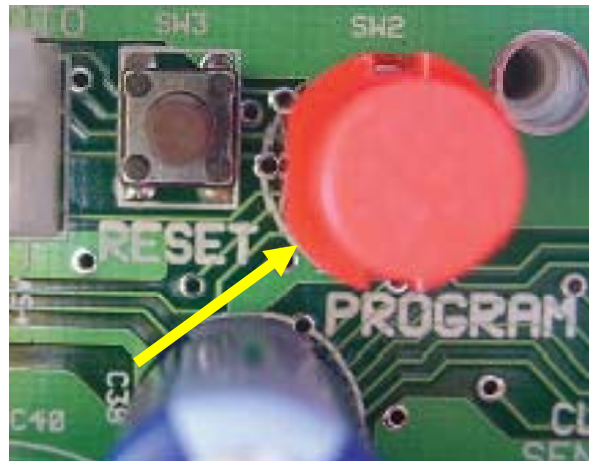
- Inside the controller, Press and hold down on the black reset button to begin the open calibration process.



# ZAP

Light years ahead

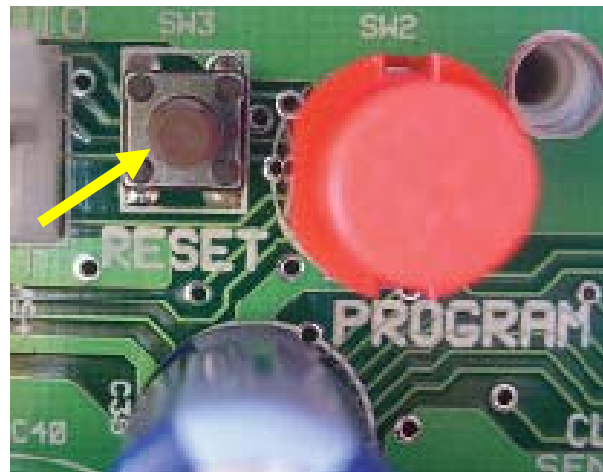
- While holding the reset button press and hold down the program button .
- You are now holding down both buttons.



# ZAP

Light years ahead

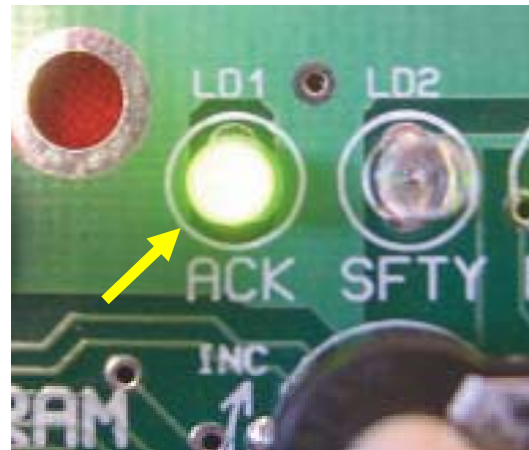
- Release the reset button only while continuing to hold down the program button.



# ZAP

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- Watch for one flash of the ACK LED.
- Release the program button.





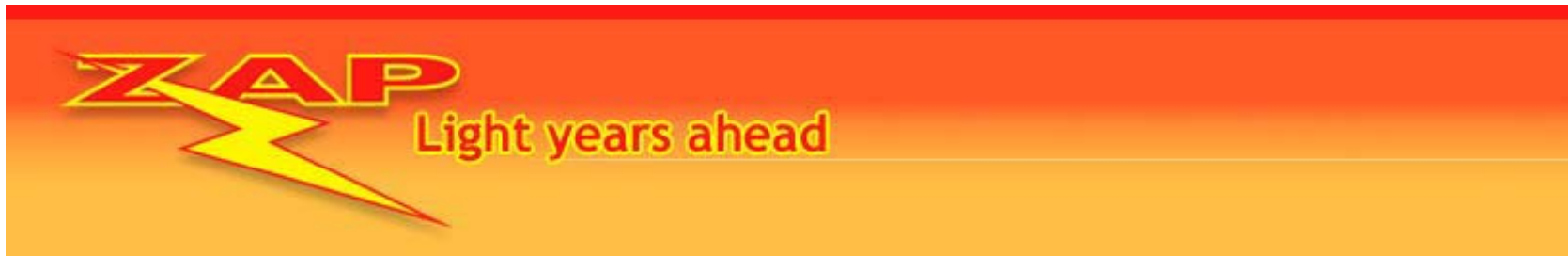
- Press the case lid button to open the door.
- Observe that the open LED is illuminated.
- When the door has reached the fully open position and stopped, the open led should turn off immediately.
- If it does not consult trouble shooting section.





- Press the case lid button to close the door.
- Observe the close LED is illuminated.
- When the door has reached the fully closed position and stopped, the close led should turn off immediately.
- If it does not consult trouble shooting section.





- Repeat the above process a total of 2 more cycles.
- On the third cycle the operator should be calibrated and running at full speed.