



ZAP Technical Instruction

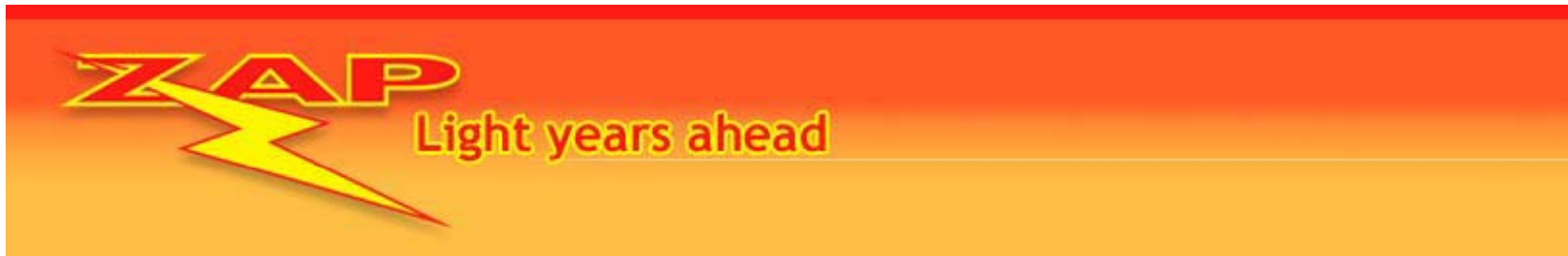


The Smallest, Quietest & Safest Garage Door Operator in the World!



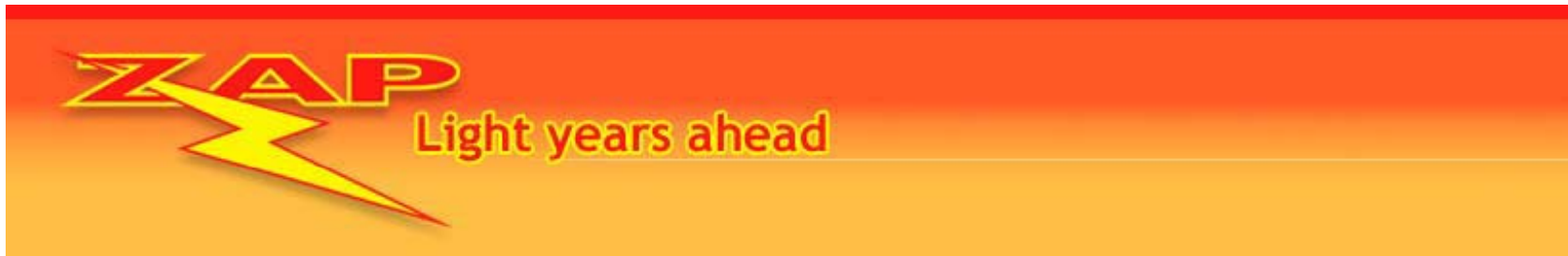
Controller Setup Commercial Operators





- Materials Needed

Appropriate operator for door size (See model application chart)



- Series controller applicable to:
 - 800-II-G, 800-II, 8800-II, 8800-II-HP, 8850 std/fs



- Ensure the case lid cover is set to the service position and the wires are plugged onto the main board.





- Once the door operator is fully installed, release the over-ride lever and lift the door to a position approximately 2 feet off the ground.
- Re-engage the over-ride lever.





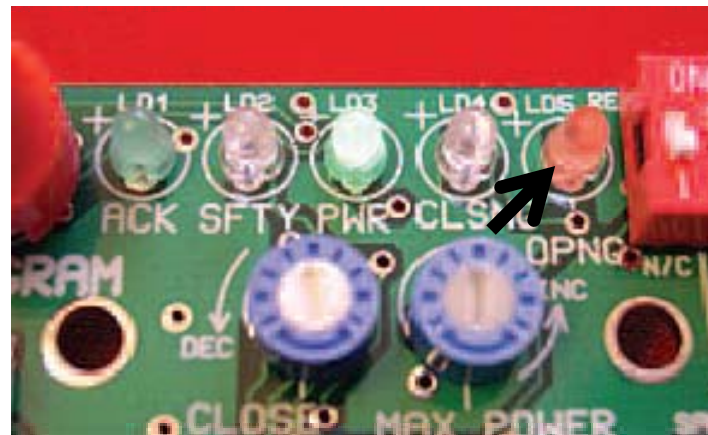
- Press the open button



ZAP

Light years ahead

- Observe that the open LED is illuminated.
- Verify the door travels in the open direction.
- Press stop.





- If the door traveled in the close direction, remove the plug on terminals M1 & M2 and reverse the motor wires.
- Reconnect the terminals.





- Release the over-ride lever and lower the door to the floor.
- Re-engage the over-ride lever.



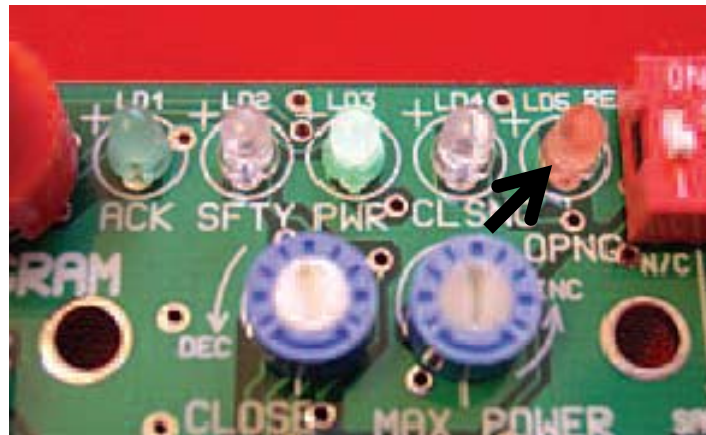
- Press open to begin the open calibration process.



ZAP

Light years ahead

- 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, it is an indication that the motor belt is slipping.
- Re-check belt tension.





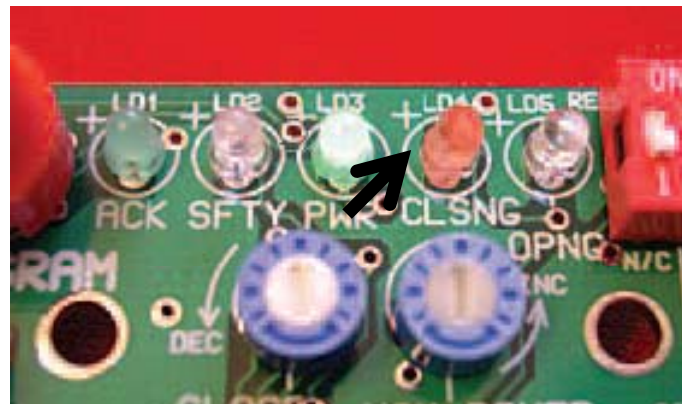
- Press close to begin the close calibration process.



ZAP

Light years ahead

- 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, it is an indication that the motor belt is slipping.
- Re-check belt tension.





- The calibration process takes a minimum of 3 open and close cycles.
- Watch the open and close leds on all cycles and insure they turn off appropriately.
- Listen for the audible clicks of the relays first slowing the operator down and then turning the operator off.
- Listen for belt groan as an indication of inadequate belt tension as well and if necessary readjust belt tension.



- After the calibration process is completed, with the door in the closed position, re-check belt tension as the belt may have been initially tensioned on one side more than the other.
- Now that the belt has rolled through several cycles and evened out there will now be slight belt slack.
- Re-check for proper tensioning and adjust as necessary.