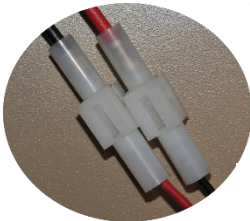# G1D Programming Without IDEC Counter

Part Number(s): G1D

1. Turn **OFF** controller, **Figure 1,** and
   Disconnect the black lead wire to the battery backup.
2. Move program jumper to top 2 pins (<u>Program mode</u>). **Figure 2**.
3. With doors in the **CLOSED** position, reconnect black battery wire to the battery.
   Turn switch on front of control box back **ON**. **Figure 1**
4. The red light on the wall switch should be **ON,** if in program mode. **Figure 4**.
5. Manually push <u>Door 1</u> to the fully **OPEN** position.
   Manually push <u>Door 2</u> to the fully **OPEN** position.

6. Press and Hold **RESET**, on wall switch for 15 seconds.
7. Move program jumper to bottom 2 pins (<u>Normal mode</u>) **Figure 2**
8. If this is the first time the system has been operated:
   a. Manually move <u>Door 2</u> to closed position, you should hear the magnetic brake lock. Verify the magnetic brake is engaged.
      You should <u>not</u> be able to manually reopen the door.
   b. Manually move <u>Door 1</u> to closed position, you should hear the magnetic brake lock. Verify the magnetic brake is engaged.
9. If either door <u>did not</u> lock, power the system off, and change the encoder connection at the corresponding motor's break out board.
   a. Change the RJ45 "**ENC A-B**" to "**ENC B-A**" or vice versa. depending how the connection was initially made. **Figure 3**
   b. After changing the connection restart this procedure from **Step 1**.
10. If both doors locked in the closed position, Press **UNLOCK** and manually move both doors a few feet open.
    a. Press **CLOSE** on the wall switch and observe the direction the doors move.
    b. If either door moves in the wrong direction press **STOP**. Reverse the **Red & Black** power wires on the <u>motor that moved in the wrong direction</u>. **Figure 4**

*The motor polarity connection can be swapped inside the controller **OR** at the BOB.*

OR

Figure 4 – Reverse Motor Polarity

Figure 1 - Main Power
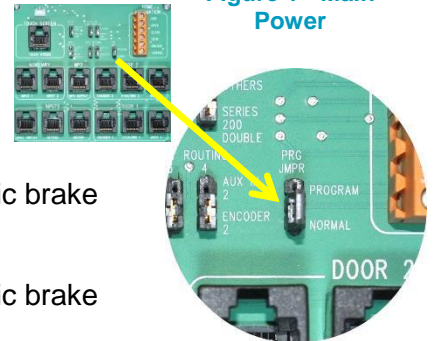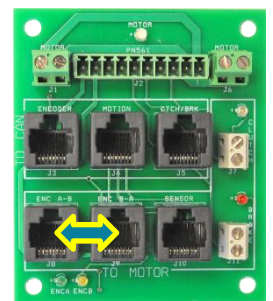

Figure 2 - Programming Mode

Figure 3 – BOB Board Swap Encoder

11. Press **CLOSE** on wall switch. Doors should close & lock.
12. In case of power loss and the doors do not operate OR are locked the in an open position:
    Press **UNLOCK** on the wall switch.
    Manually close doors.
    Press and hold **RESET** for 15 seconds.

If anything interrupts a door operation and they fail to respond to the OPEN or CLOSE buttons,
Press **STOP**, then try again.
Only press **RESET** with doors in closed position.

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