

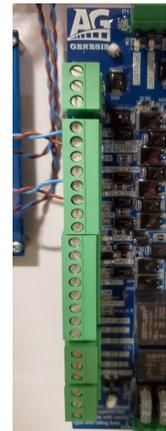
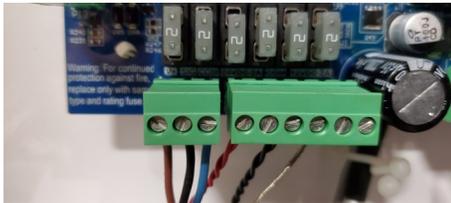
## REPLACING A GENESIS CONTROL BOARD



1. Turn Off Both **AC** & **DC** power switches.



2. Without removing wires, disconnect all terminal plugs from the old board.



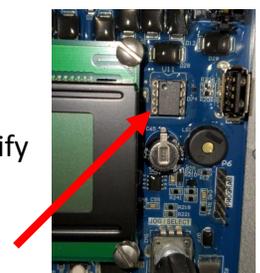
3. Unscrew and remove Battery wires, make sure to tag wires as battery wires.
4. Unscrew and remove 24 VDC wires, make sure to tag for position. These are from the power supply and need to be in the correct position upon reconnect.
5. Unscrew and remove motor control wires. (**ORANGE** & **BLUE**) Mark wires for correct reinstall. *If wired backwards, motor will try to run in reverse direction. Gate will not operate.*



6. Remove 2 screws securing the mounting bracket to the control box.
7. Using needle nose pliers, squeeze the plastic stand-off tops together to allow the board to slip off of the stand-offs.



8. To save time reprogramming new board, very carefully remove the 8-pin **EEPROM** near the right end of the display.
9. Remove **EEPROM** from new board and replace with **EEPROM** from old board. Verify the "DOT" marking on the **EEPROM** is in the upper left corner when installing on control board. There is an indicator dot on the board marking that corner.



## REPLACING A GENESIS CONTROL BOARD (con't.)

10. Align mounting holes in board with the stand-offs. Push board onto stand-offs. It may be necessary to use a very small screwdriver to pry out the lock tabs of the stand-offs to hold board down.
11. Re-attach board mounting bracket using original screws and nuts.
12. Reconnect motor wires, power supply wires, and battery wires to their proper terminals.
13. Plug all terminal strips onto board in original positions.
14. Turn on both **AC & DC** power switches. Board should power up to Version screen, then after 6 to 8 seconds change to the MAIN screen.
15. If **EEPROM** was NOT transferred, then user programming will be needed. If **EEPROM** was transferred, the gate should operate normally.
16. Test gate and all accessories

### GENESIS BOARD OPERATION BUTTONS

- **GREEN:** OPEN (Will also act as a constant pressure and override defaults to OPEN the gate)
- **YELLOW:** CLOSE (Will also act as a constant pressure and override defaults to OPEN the gate)
- **RED:** STOP (Stops the gate in either direction)
- **WHITE:** RESET (Resets the board in the event of a program change or fault)

*As always, contact AutoGate with any technical help (800-944-GATE (4283)) or refer to our Installation and Operating instructions for detailed instructions on the GENESIS board. You can access this information on our website [www.autogate.com](http://www.autogate.com) if you do not have a copy handy.*

