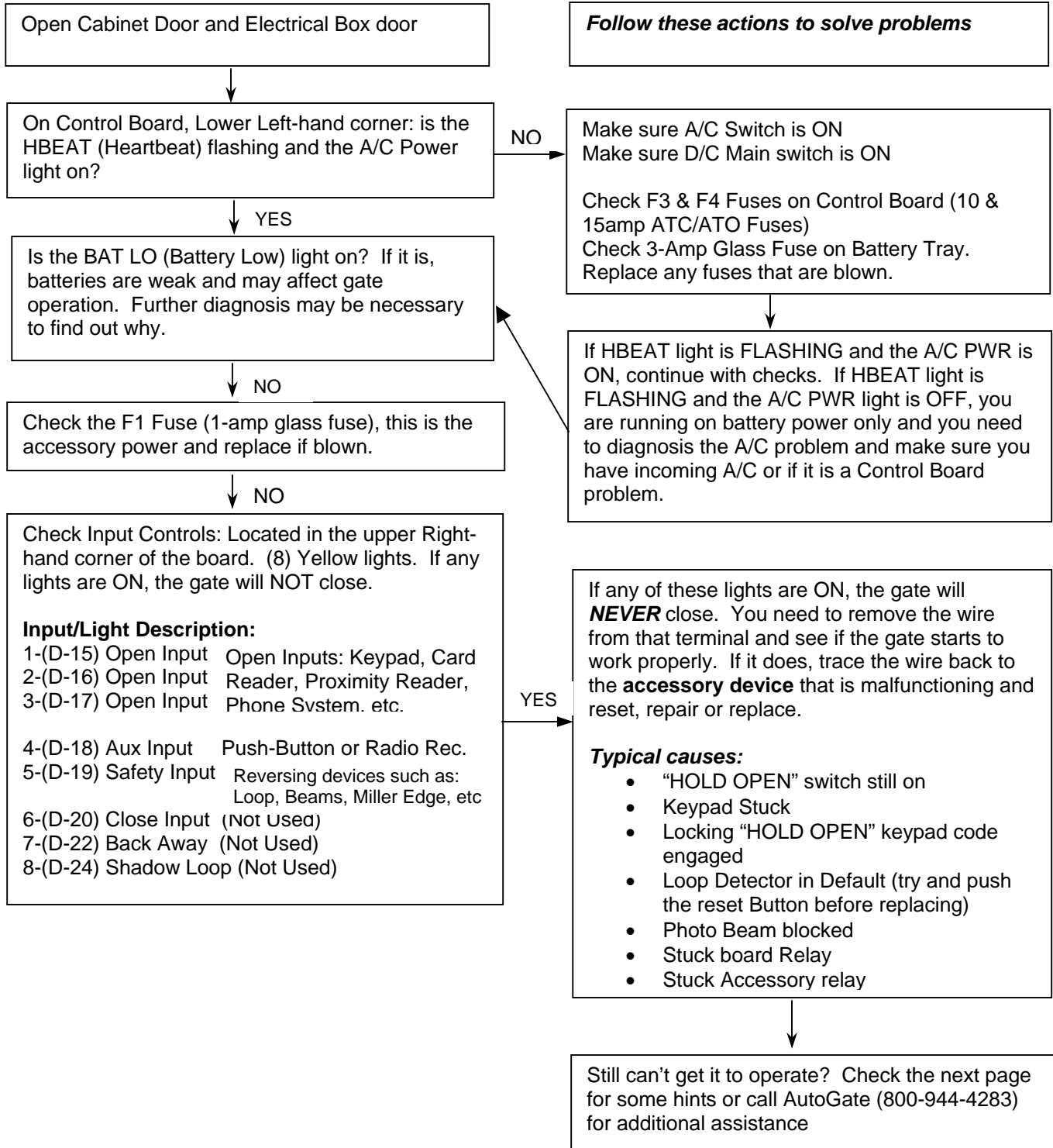


VPL-24UL Trouble Shooting Flowchart for simple Diagnosis

Please follow the steps on this flowchart to troubleshoot your gate operator (24vdc only)

Start Here....

Action



Additional Troubleshooting Checks & Tips

Motor Keeps Running: Check to make sure the magnets are still on the internal BullWheel and they are close to the Proximity Switch. If they are missing the motor will not shut off right away.

You can also look on the far left-center of the board and see if the Proximity Switches are working and where the gate control board thinks the gate is by checking the lights:

D7-OLS (Open Limit Switch-Yellow) When the gate is open, this light should be ON

D6-OPEN Will be lit when gate is in OPENNING mode

D5 Brake (Red) Will be lit during slowdown and stopped mode

D4 Close Will be lit when gate is in CLOSING mode

D3 CLS (CLOSE Limit Switch-Yellow) When gate is CLOSED, this light should be on

D2 IRD (RED) Will flash when the gate has been obstructed

Gate struggles to open or Reverses before opening:

Check Belt tightness

Check Gate Balance, Did anyone hang signs on the gate? If the gate is older, the springs may have stretched and need adjusting, consult your I & O Manual or go on line to

www.autogate.com

Check IRD adjustment pot

Gate struggles to close or Reverses before closing:

Check the balance (See Dwg. I-107)

Check the IRD adjustment pot

Gate won't open; all electrical appears to be okay:

Check for a broken spring

Broken Spring:

See Dwg. #117

Re-Balancing:

See Dwg1-107

Still can't get the gate running, call our toll free number for service: 800-944-4283