

# Alternating Circuit Board Test

## Three & Four Float System

### TO TEST PUMP ALTERNATION

1. Disconnect all power to the panel.
2. Turn the Control On/Off switch to the Off position.
3. Switch the HOA switches to the Auto position.
4. Tag the floats and remove them from the terminal block in the panel.
5. Place a jumper wire between positions 3 and 4.
6. Place a jumper wire between positions 5 and 6.
7. Reconnect power to the panel.
8. Turn the Control On/Off switch to the On position.
  - a. One of the pumps should start.
  - b. The stop and start float LED's should illuminate.
9. Turn the Control On/Off switch to the Off position.
10. Turn the Control On/Off switch to the On position.
  - a. The other pump should start.
  - b. The stop and start float LED's should illuminate
11. If the circuit board does not operate as indicated in steps 8 through 10 call the factory. If the circuit boards operates as indicated, proceed to test alarm function.

### TO TEST ALARM FUNCTION

12. Disconnect all power to the panel.
13. Turn the Control On/Off switch to the Off position.
14. Remove jumper wires from 3 and 4; 5 and 6. Place a jumper wire between positions 7 and 8 (and 9 and 10 on a four float system)
15. Reconnect power to the panel.
16. Turn the Control On/Off switch to the On position.
  - a. The alarm should activate.
  - b. Lag/Alarm float LED should illuminate for 3 float system; or Alarm LED should illuminate on a 4 float system.
  - c. Test the horn silence relay by pressing the Test/Normal/Silence switch. The horn should be deactivated.
17. If the circuit board does not operate as indicated in step 16, call the factory.