

VAR/VB Programming instructions

Do not power up the VAR until you get to step 4

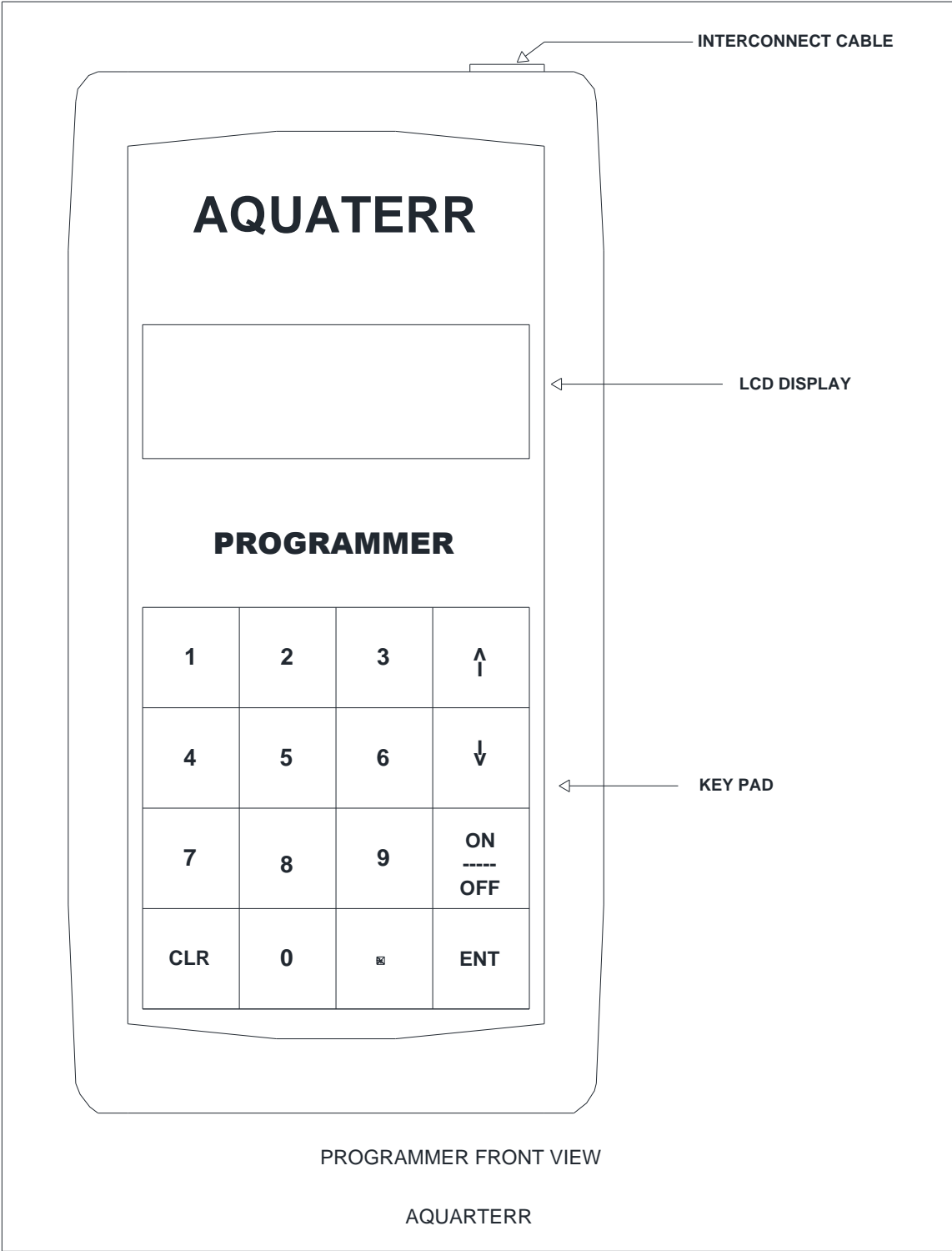
(VAR ID #10 is used only as an example)

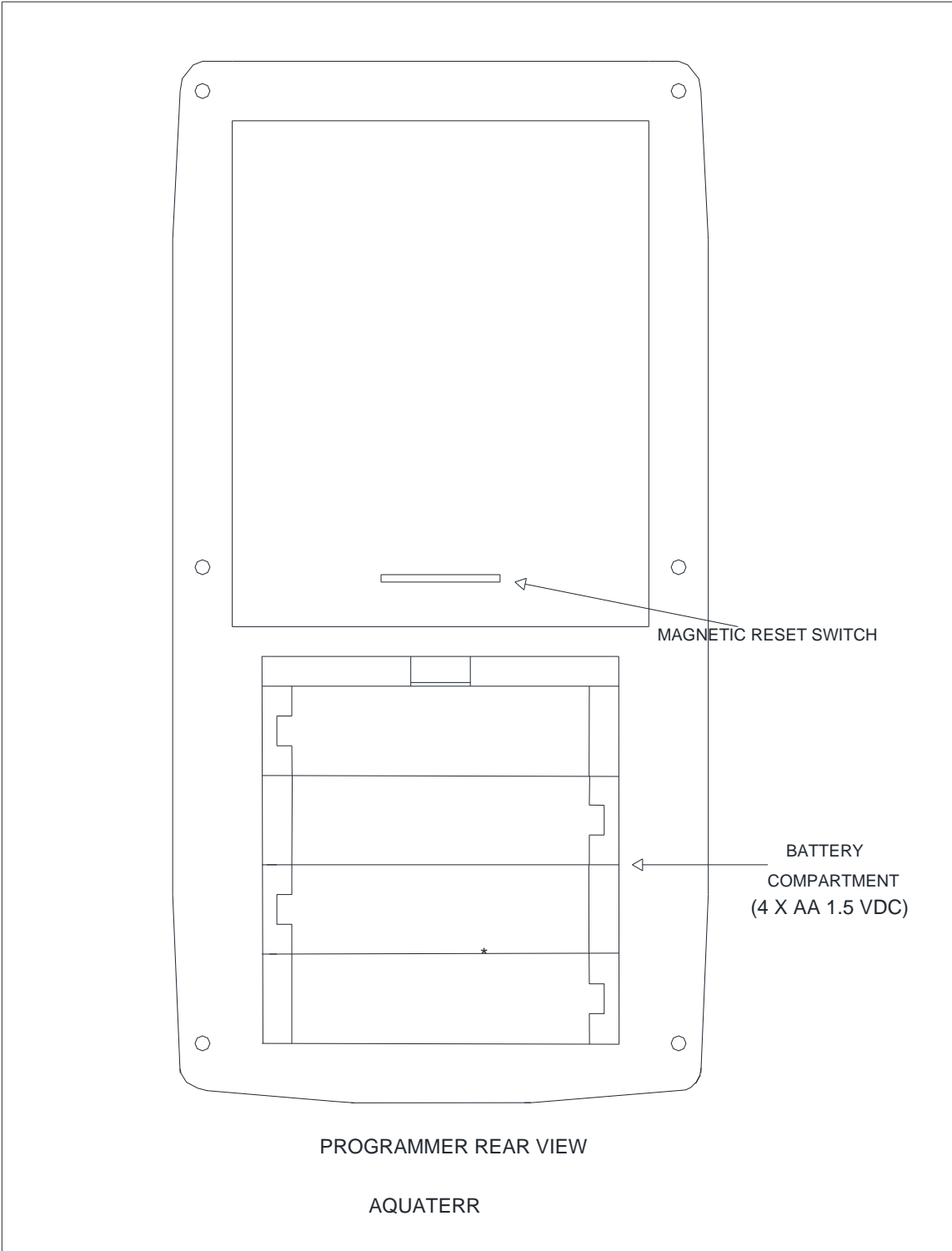
1. Remove the junction box cover, by unscrewing the four plastic screws. **Use only a hand tool. DO NOT USE A POWER TOOL, OR THE SCREWS WILL BREAK.**
2. Push THE Programmers “ON/OFF” button.
3. Wait until “Connect Battery Cable to VAR” is displayed.
4. Remove the battery enclosures cover, by unscrewing the four plastic screws. Install the four battery cells into the VARs battery holder.

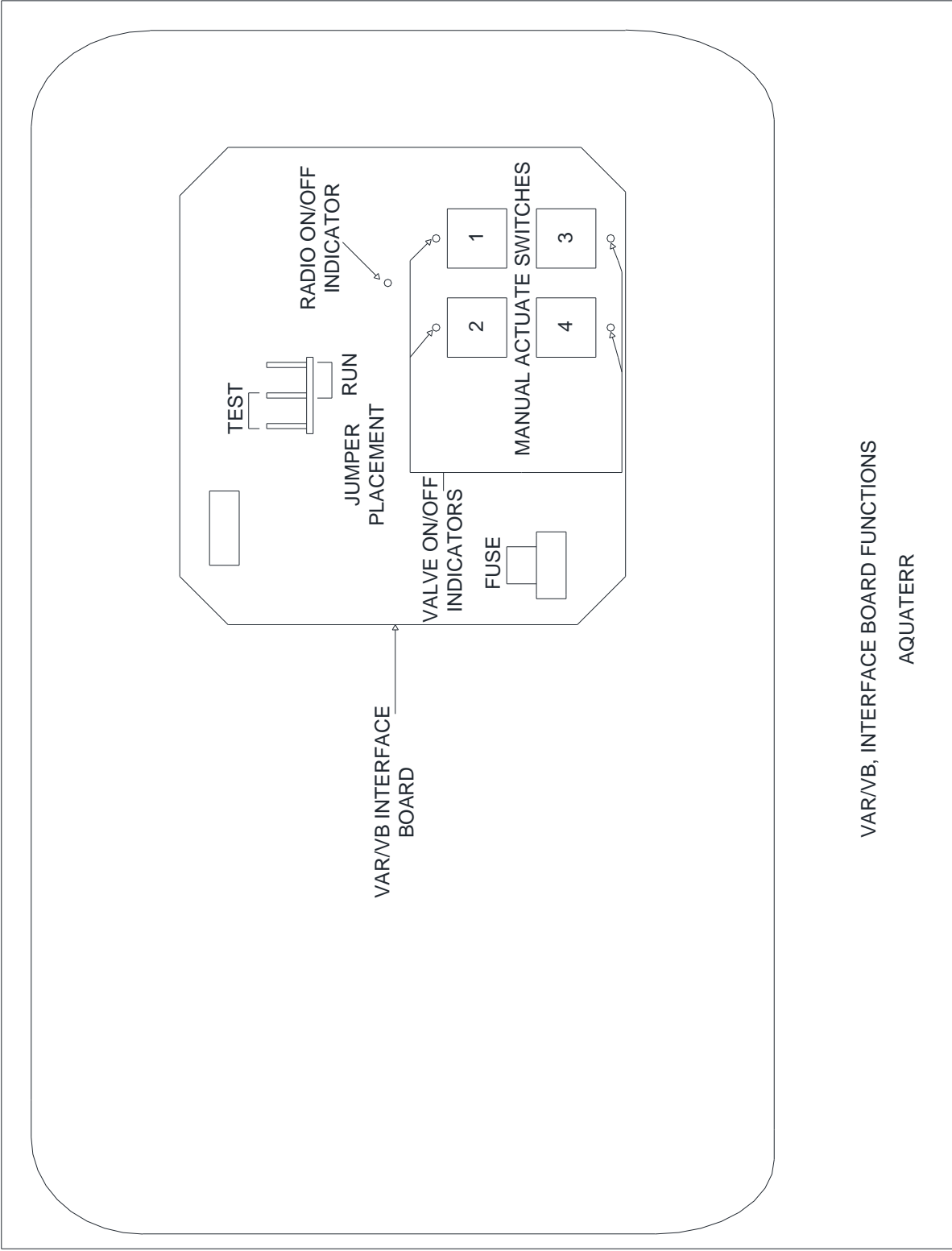
Note: Observe correct battery polarity when installing and changing batteries. Failure to do this can result in permanent damage to the receiver.

5. Read “Select from Menu Download Device Data”
6. Push “Enter”
7. Will show the ESN and type of VAR
8. Push “Enter”
9. Will download the data (3 blocks)
10. Will show “Download Successful”
11. Press “Clear”
12. Push the UP Arrow twice.
13. Will show “Change Device Settings”
14. Push “Enter”
15. Will show System ID (0-7)
16. Push “Enter”
17. Will show “Actuate Address 1”
18. Enter #10, or desired ID number
19. Push “Enter”
20. Will show ‘Actuate Address 2”
21. Enter #10, or desired ID number
22. If VAR 4, repeat steps 16 — 18 to set the 4 ID outputs to desired numbers.
23. Push “Enter”, will show timeout for ID number 1.
24. Set Hours
25. Push “Enter”

26. Set Minutes, then Push "Enter"
27. Repeat steps 23 — 26 for the remaining outputs.
28. Push "Enter"
29. Will show pulse width (4 x10rns)
30. Enter "12" (This will result in a 30ms pulse width for all of the VARs outputs)
31. Push "Enter"
32. Will show drive voltage, default is 15 volts. (The VARs were programmed to 16 volts)
33. Enter "14" (This will result in a 14 volt solenoid drive voltage for all of the VARs outputs)
34. Push "Enter"
35. Push "CLR" twice
36. Push DOWN Arrow once
37. Will show "Upload Device Data"
38. Push "Enter" twice
39. Wait 3 seconds
40. Will show "Upload Successful"
41. Press "CLR"
42. Push "ON/OFF" to turn off Programmer
43. Remove the VARs 4 battery cells.
44. Disconnect Data Cable
45. After one (1) minute, install the VARs battery cells, the VAR should now have the new settings.







VAR/VB, INTERFACE BOARD FUNCTIONS
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