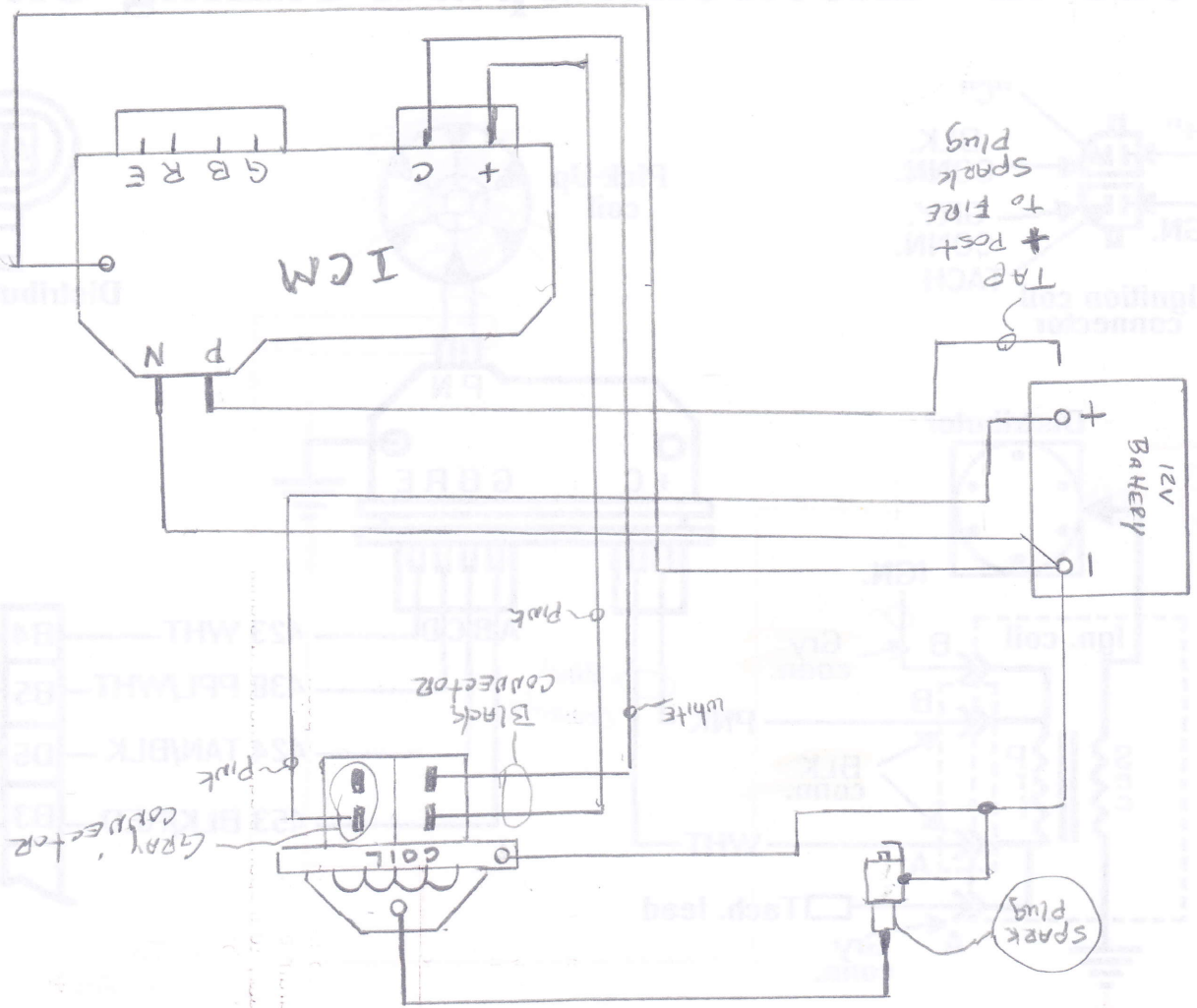


Bench Test ICM



Problem Description:

- EST line open or grounded.
- By-pass line open or grounded.

Diagnostic Aids:

When the system is running on the Ignition Module, that is, no voltage on the by-pass line, the Ignition Module will switch to EST mode, so the EST line is grounded. When the rpm for EST is reached (about 400 rpm) and by-pass voltage applied, the EST should no longer be grounded. If the by-pass line is open or grounded, the Ignition Module will not switch to EST mode, so the EST line is grounded. If the EST line is grounded, the Ignition Module will switch to EST, but because the line is grounded, the system will not run.

Code 42 is set when: