

The diagram illustrates the electrical system for a 6-cylinder engine. Key components include:

- IGNITION COIL:** A rectangular component with two terminals labeled YEL/GRN (1) and BLU (2).
- 2-PIN PLUG:** A component with two terminals labeled GRN (1) and BLU (2).
- IGNITION SENSOR:** A diamond-shaped component with a WHT (white) terminal.
- LOW OIL LEVEL SWITCH:** A component with a YEL (yellow) terminal.
- INVERTER ASSEMBLY:** A circular component with six terminals labeled PINK, RED, and two unlabeled terminals (top, bottom, left, right).
- Wiring:**
 - The YEL/GRN (1) terminal of the ignition coil is connected to the GRN (1) terminal of the 2-pin plug.
 - The BLU (2) terminal of the ignition coil is connected to the BLU (2) terminal of the 2-pin plug.
 - The GRN (1) terminal of the 2-pin plug is connected to the PINK terminal of the inverter assembly.
 - The BLU (2) terminal of the 2-pin plug is connected to the RED terminal of the inverter assembly.
 - The WHT terminal of the ignition sensor is connected to the YEL terminal of the low oil level switch.
 - The YEL terminal of the low oil level switch is connected to the YEL terminal of the 6-pin plug.
 - The 6-pin plug has terminals labeled 1 (BLU), 2 (GRN), 3 (PINK), 4 (YEL), 5 (WHT), and 6 (RED).
 - The 6-pin plug is connected to the inverter assembly terminals: 1 to PINK, 2 to RED, 3 to PINK, 4 to YEL, 5 to WHT, and 6 to RED.
 - The inverter assembly terminals are connected to the engine block: PINK to the top terminal, RED to the right terminal, and the two unlabeled terminals to the left and bottom terminals.
 - The engine block has six terminals labeled ORG (orange) and GRY (grey).
 - The ORG (orange) terminal is connected to the 1 (BLU) terminal of the 6-pin plug.
 - The GRY (grey) terminal is connected to the 4 (YEL) terminal of the 6-pin plug.

WIRING - DIAGRAM
iX800 PORTABLE
DRAWING #: 0H5082

GROUP G

