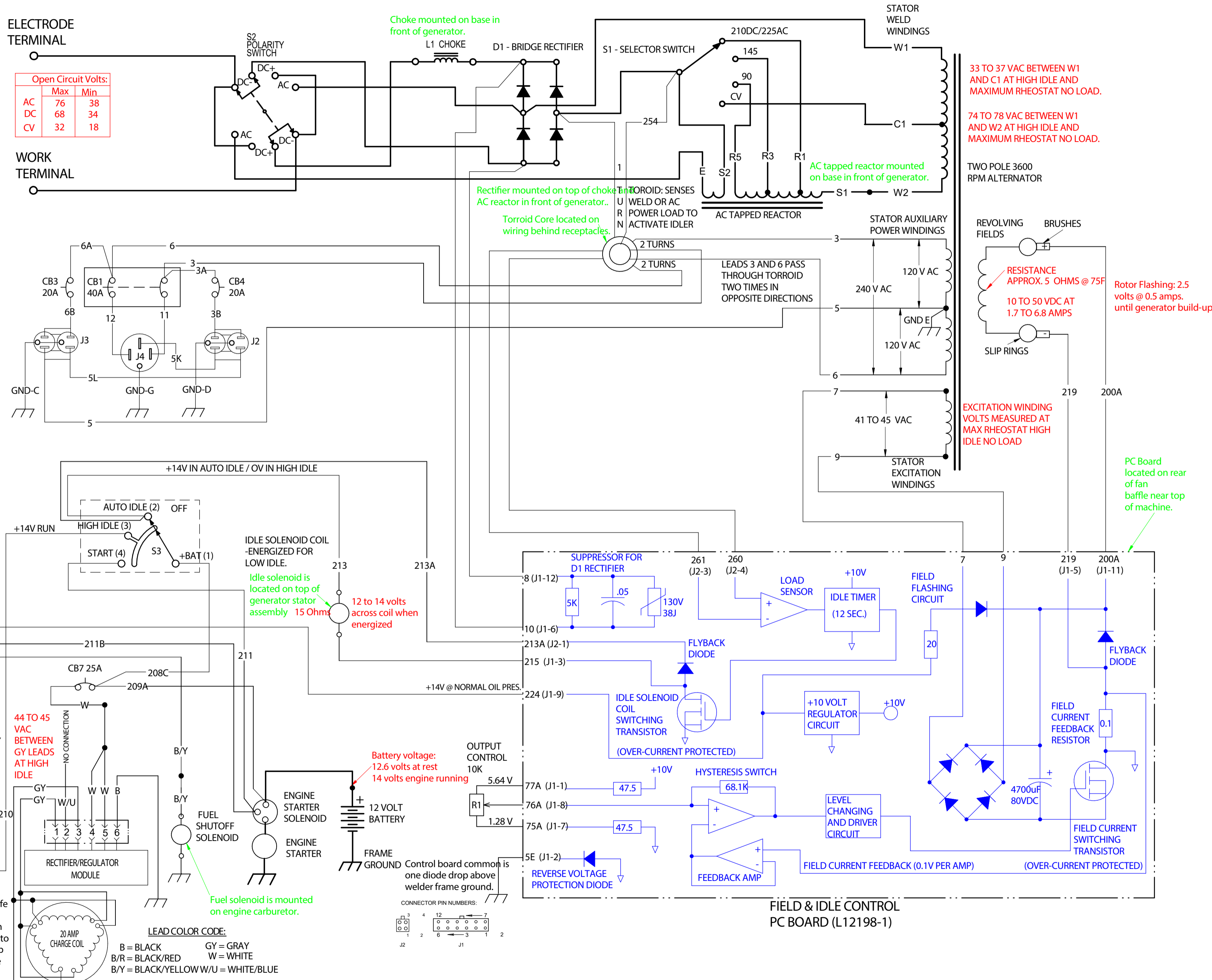


RANGER 10,000 (HONDA), RANGER 10,000 PLUS (SUBARU/ROBIN) L13105 REV: A



33 TO 37 VAC BETWEEN W1 AND C1 AT HIGH IDLE AND MAXIMUM RHEOSTAT NO LOAD.
 74 TO 78 VAC BETWEEN W1 AND W2 AT HIGH IDLE AND MAXIMUM RHEOSTAT NO LOAD.

TWO POLE 3600 RPM ALTERNATOR

RESISTANCE APPROX. 5 OHMS @ 75F
 10 TO 50 VDC AT 1.7 TO 6.8 AMPS
 Rotor Flashing: 2.5 volts @ 0.5 amps. until generator build-up.

EXCITATION WINDING VOLTS MEASURED AT MAX RHEOSTAT HIGH IDLE NO LOAD

PC Board located on rear of fan baffle near top of machine.

Battery voltage: 12.6 volts at rest 14 volts engine running

Idle solenoid is located on top of generator stator assembly 15 Ohms
 12 to 14 volts across coil when energized

44 TO 45 VAC BETWEEN GY LEADS AT HIGH IDLE

If engine oil pressure drops below safe operating pressure, the oil pressure switch opens removing 12 volts from circuit 224 shutting off fuel solenoid to stop engine. Hourmeter will also stop running and PCB1 will denegerize idle solenoid.