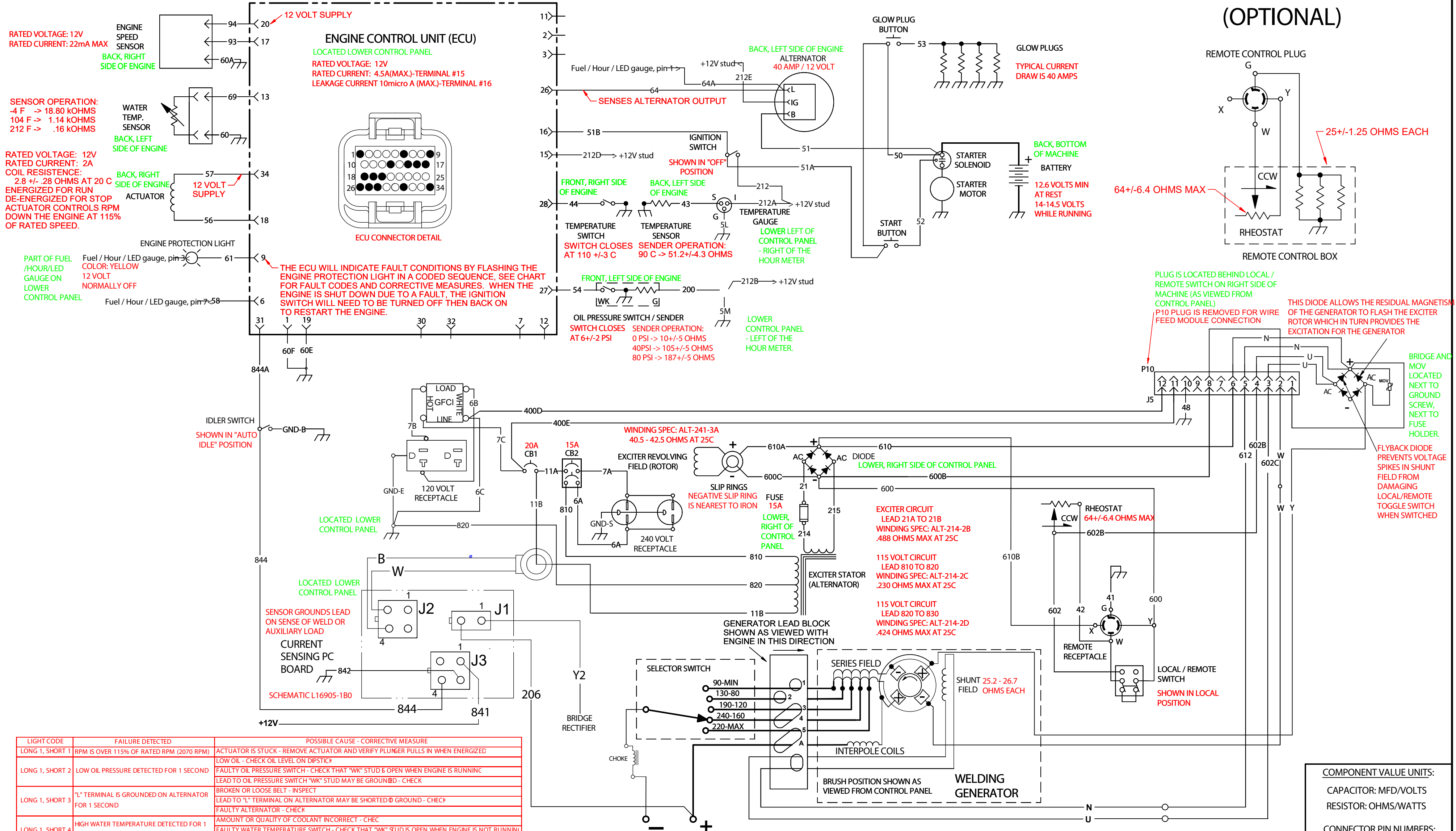


# CLASSIC 300 D MACHINE SCHEMATIC L17219 REV: B

## K924-5 REMOTE CONTROL (OPTIONAL)



LIGHT CODE	FAILURE DETECTED	POSSIBLE CAUSE - CORRECTIVE MEASURE
LONG 1, SHORT 1	RPM IS OVER 115% OF RATED RPM (2070 RPM)	ACTUATOR IS STUCK - REMOVE ACTUATOR AND VERIFY PLUNGER PULLS IN WHEN ENERGIZED LOW OIL - CHECK OIL LEVEL ON DIPSTICK
LONG 1, SHORT 2	LOW OIL PRESSURE DETECTED FOR 1 SECOND	FAULTY OIL PRESSURE SWITCH - CHECK THAT "WK" STUD IS OPEN WHEN ENGINE IS RUNNING LEAD TO OIL PRESSURE SWITCH "WK" STUD MAY BE GROUNDED - CHECK
LONG 1, SHORT 3	"L" TERMINAL IS GROUNDED ON ALTERNATOR FOR 1 SECOND	BROKEN OR LOOSE BELT - INSPECT LEAD TO "L" TERMINAL ON ALTERNATOR MAY BE SHORTED TO GROUND - CHECK FAULTY ALTERNATOR - CHECK
LONG 1, SHORT 4	HIGH WATER TEMPERATURE DETECTED FOR 1 SECOND	AMOUNT OR QUALITY OF COOLANT INCORRECT - CHECK FAULTY WATER TEMPERATURE SWITCH - CHECK THAT "WK" STUD IS OPEN WHEN ENGINE IS NOT RUNNING LEAD TO WATER TEMPERATURE SWITCH MAY BE GROUNDED - CHECK
LONG 1, SHORT 5	NOT ENABLED FOR LINCOLN PRODUCT:	
LONG 2, SHORT 1	0 RPM IS DETECTED AND 12V IS DETECTED FROM "L" TERMINAL ON ALTERNATOR	FAULTY RPM SENSOR - CHECK FOR GOOD CONNECTION FAULTY ECU - CHECK FOR 12 VOLTS ON SUPPLY LEAD TO RPM SENSOR FROM ECU
LONG 2, SHORT 2	CURRENT TO ACTUATOR IS OUT OF LIMIT	FAULTY ACTUATOR - CHECK FOR PROPER COIL RESISTANCE LEADS TO ACTUATOR MAY BE OPEN OR GROUNDED - CHECK
LONG 2, SHORT 3	NOT ENABLED FOR LINCOLN PRODUCT:	
LONG 2, SHORT 4	50C WATER TEMPERATURE DETECTED	FAULTY WATER TEMPERATURE SENSOR - CHECK FOR PROPER RESISTANCE LEAD TO WATER TEMPERATURE SENSOR MAY BE OPEN - CHECK FOR CONTINUITY
LONG 2, SHORT 5	150C WATER TEMPERATURE DETECTED	FAULTY WATER TEMPERATURE SENSOR - CHECK FOR PROPER RESISTANCE LEAD TO WATER TEMPERATURE SENSOR MAY BE GROUNDED - CHECK
LONG 2, SHORT 6	0 VOLTS DETECTED FROM "L" TERMINAL ON ALTERNATOR FOR 1 SECOND	LEAD TO "L" TERMINAL ON ALTERNATOR MAY BE OPEN - CHECK FOR CONTINUITY BROKEN OR LOOSE BELT - INSPECT FAULTY ALTERNATOR - CHECK
LONG 2, SHORT 7	OVER 18 VOLTS DETECTED FROM ALTERNATOR	INCORRECT BATTERY - INSPECT FAULTY ALTERNATOR - CHECK
LONG 2, SHORT 8	LESS THAN 4 VOLTS TO RPM SENSOR AND/OR ACTUATOR SENSED BY ECU	FAULTY ECU - CHECK FOR 12 VOLTS ON LEADS TO RPM SENSOR AND ACTUATOR FROM ECU

**LEAD COLOR CODE:**

- B-BLACK OR GRAY
- G-GREEN
- R-RED OR PINK
- U-BLUE
- W-WHITE
- Y-YELLOW
- N-BROWN

**LABELS:**

- ⏏ COMMON
- ⏏ FRAME GROUND
- ⏏ EARTH GROUND

**COMPONENT VALUE UNITS:**

CAPACITOR: MFD/VOLTS

RESISTOR: OHMS/WATTS

**CONNECTOR PIN NUMBERS:**

EX. 12 PIN CONNECTOR

VIEW OF CONNECTOR ON PC BOARD