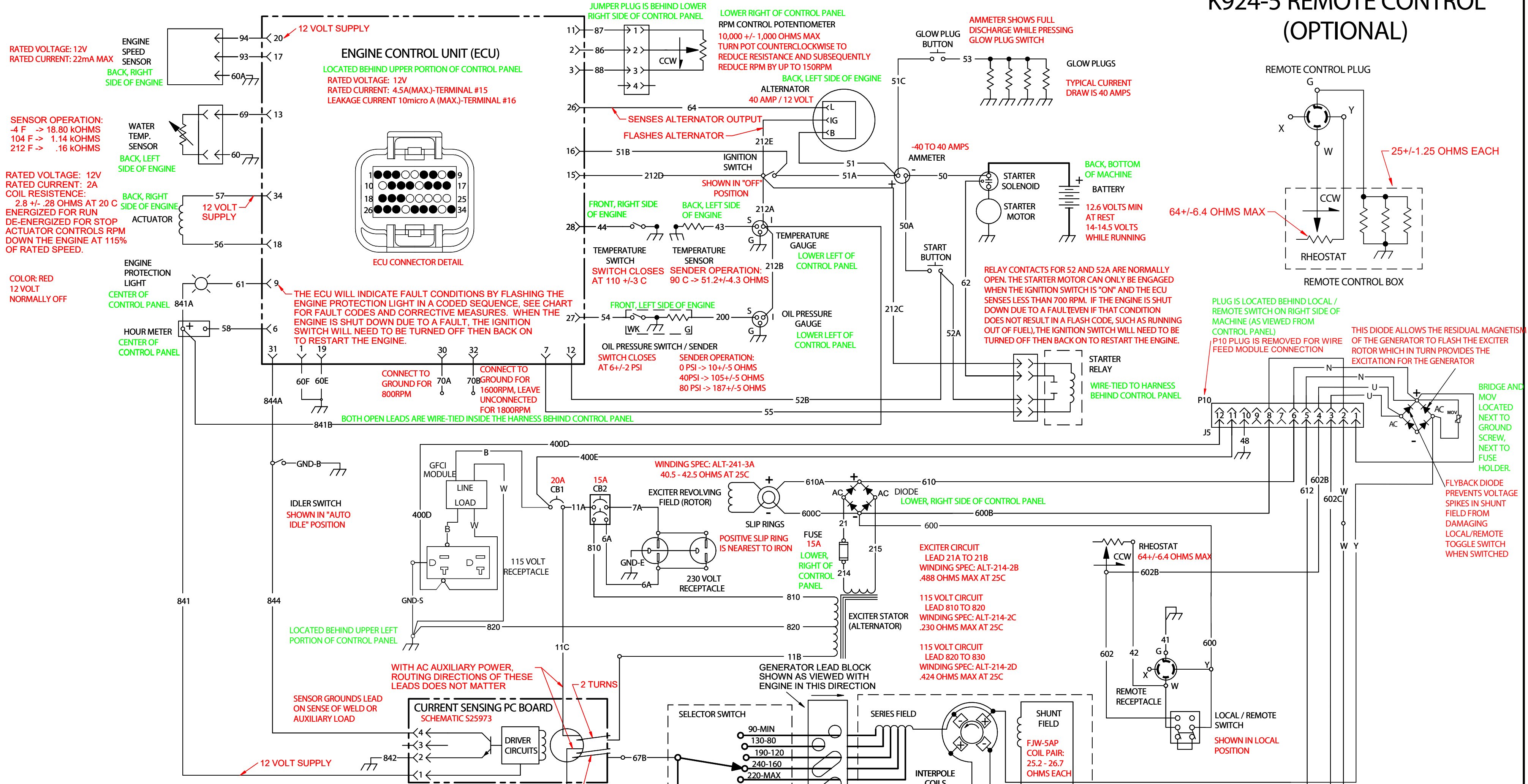


CLASSIC 300D KUBOTA MACHINE SCHEMATIC L15830 REV: A

K924-5 REMOTE CONTROL (OPTIONAL)



| 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 FAULTY ACTUATOR - CHECK FOR PROPER COIL RESISTANCE LEADS TO ACTUATOR MAY BE OPEN OR GROUNDED - CHECK |
| LONG 2, SHORT 2 CURRENT TO ACTUATOR IS OUT OF LIMIT | |
| 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 | 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 |

COMPONENT VALUE UNITS:
 CAPACITOR: MFD/VOLTS
 RESISTOR: OHMS/WATTS

CONNECTOR PIN NUMBERS:
 EX. 12 PIN CONNECTOR

VIEW OF CONNECTOR ON PC BOARD

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