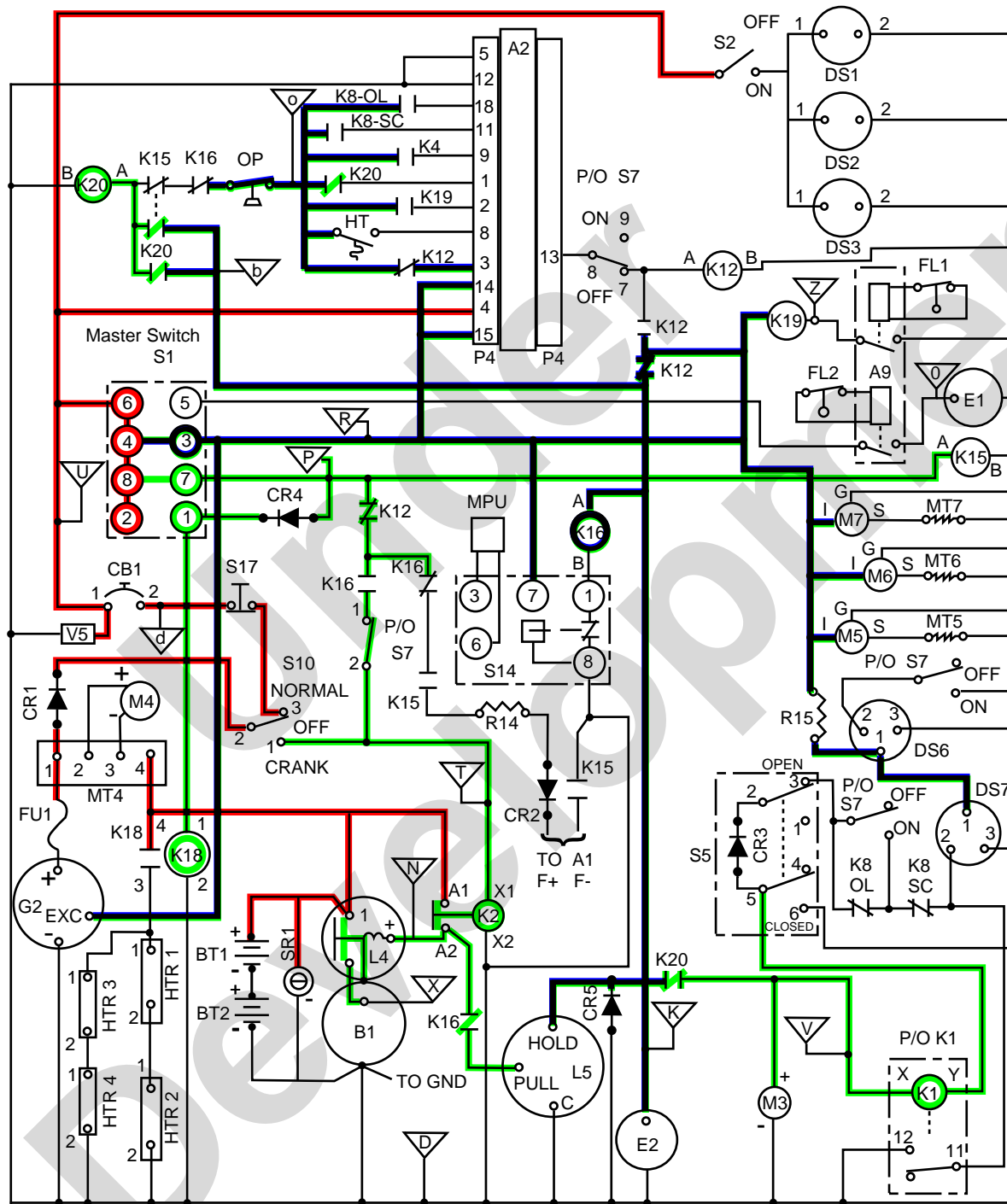


A1 - AC VOLTAGE REGULATOR
 A2 - MULTIFUNCTION INDICATOR
 A7 - FREQUENCY TRANSDUCER
 A9 - FLOAT SWITCH MODULE
 A10 - A13 EMI FILTER
 B1 - CRANKING MOTOR
 BT1 - BATTERY 12V
 BT2 - BATTERY 12V
 CB1 - DC CONTROL POWER CIRCUIT BREAKER
 CB3 - GROUND FAULT CIRCUIT INTERRUPTER
 CBGND - CONTROL BOX GROUND
 CPGND - CONTROL PANEL GROUND
 CR - DIODES
 CT1 - CURRENT TRANSFORMER
 CT2 - CURRENT TRANSFORMER
 CT3 - CURRENT TRANSFORMER
 DS1 - PANEL LIGHT
 DS2 - PANEL LIGHT
 DS3 - PANEL LIGHT
 DS6 - IND LT BATTLE SHORT
 DS7 - IND LT AC CIRCUIT INTERRUPTER
 E1 - AUX FUEL PUMP
 E2 - FUEL PUMP
 FL1 - LOW FUEL LEVEL FLOAT SWITCH
 FL2 - AUXILIARY FUEL PUMP FLOAT SWITCH
 FU1 - FUSE
 G1 - AC GENERATOR
 G2 - BATTERY CHARGING GENERATOR
 GND - GROUND
 HT - COOLANT HIGH TEMPERATURE SWITCH
 HTR - ENGINE PREHEATER
 J1 - CONVENIENCE RECEPTACLE
 J3 - DIAGNOSTIC RECEPTACLE
 K1 - AC CIRCUIT INTERRUPTER
 K2 - CRANKING RELAY
 K4 - OVERVOLTAGE RELAY
 K8 - OVERLOAD/SHORT CIRCUIT RELAY
 K12 - ENGINE FAULT RELAY
 K15 - FIELD FLASH RELAY
 K16 - CRANK DISCONNECT RELAY
 K18 - PREHEAT RELAY
 K19 - FUEL LEVEL RELAY
 K20 - OIL PRESSURE RELAY
 L0 - OUTPUT TERMINAL
 L1 - OUTPUT TERMINAL
 L2 - OUTPUT TERMINAL
 L3 - OUTPUT TERMINAL
 L4 - STARTER SOLENOID
 L5 - FUEL SOLENOID
 M1 - AC VOLT/METER
 M2 - FREQUENCY METER
 M3 - TIME METER
 M4 - BATTERY CHARGING AMMETER
 M5 - FUEL LEVEL INDICATOR
 M6 - COOLANT TEMPERATURE INDICATOR
 M7 - OIL PRESSURE INDICATOR
 M8 - AC AMMETER
 MPU - MAGNETIC PICKUP
 MT4 - BATTERY CHARGING AMMETER SHUNT
 MT5 - FUEL LEVEL SENDER
 MT6 - COOLANT TEMPERATURE SENDER
 MT7 - OIL PRESSURE SENDER
 OP - LOW OIL PRESSURE SWITCH
 P4 - PLUG MALFUNCTION INDICATOR
 R1 - VOLTAGE ADJUSTMENT POTENTIOMETER
 R10 - BURDEN RESISTOR
 R11 - BURDEN RESISTOR
 R12 - BURDEN RESISTOR
 R13 - BURDEN RESISTOR
 R15 - LED RESISTOR
 S1 - MASTER SWITCH
 S2 - PANEL LIGHT SWITCH
 S5 - AC INTERRUPTER SWITCH
 S6 - AM/VM TRANSFER SWITCH
 S7 - BATTLE SHORT SWITCH
 S8 - VOLTAGE RECONNECTION SWITCH
 S10 - DEAD CRANK SWITCH
 S14 - CRANK DISCONNECT SWITCH
 S17 - EMERGENCY STOP SWITCH
 SR1 - SLAVE RECEPTACLE
 SRGND - SLAVE RECEPTACLE GROUND
 TB2 - OUTPUT LOAD TERMINAL BOARD
 TB - TERMINAL BOARD(S)
 V1 V4 - VARISTOR AC LOAD LINES
 V5 - VARISTOR DC SYSTEM



S1 CIRCUIT SCHEDULE	
POSITION	CIRCUITS MADE (2-8-4-6) ARE COMMON
1 PREHEAT	COMMON TO 1
2 OFF	NONE
3 PRIME & RUN AUX FUEL	COMMON TO 3 & 5
4 PRIME & RUN	COMMON TO 3
5 START	COMMON TO 3 & 7

5 & 10 KW DC Circuits

For corrections or
 comments:
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