

8

7

6

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4

3

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1

H

G

F

E

D

C

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A

H

G

F

E

D

C

B

A

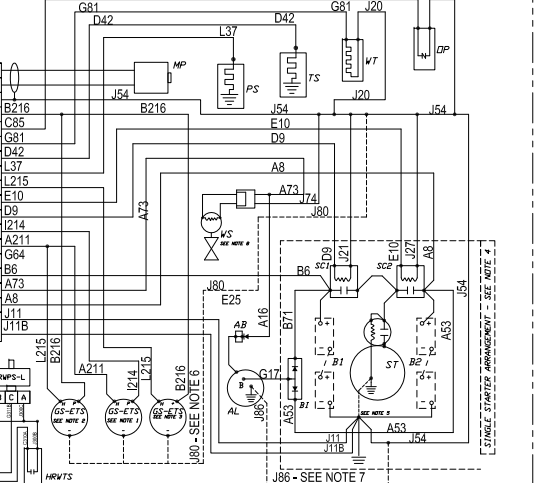
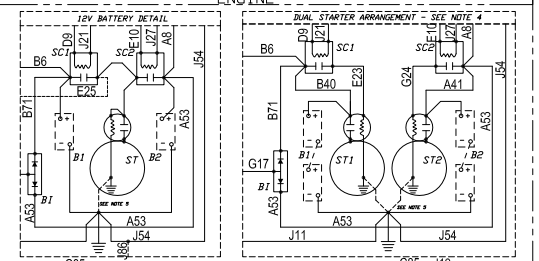
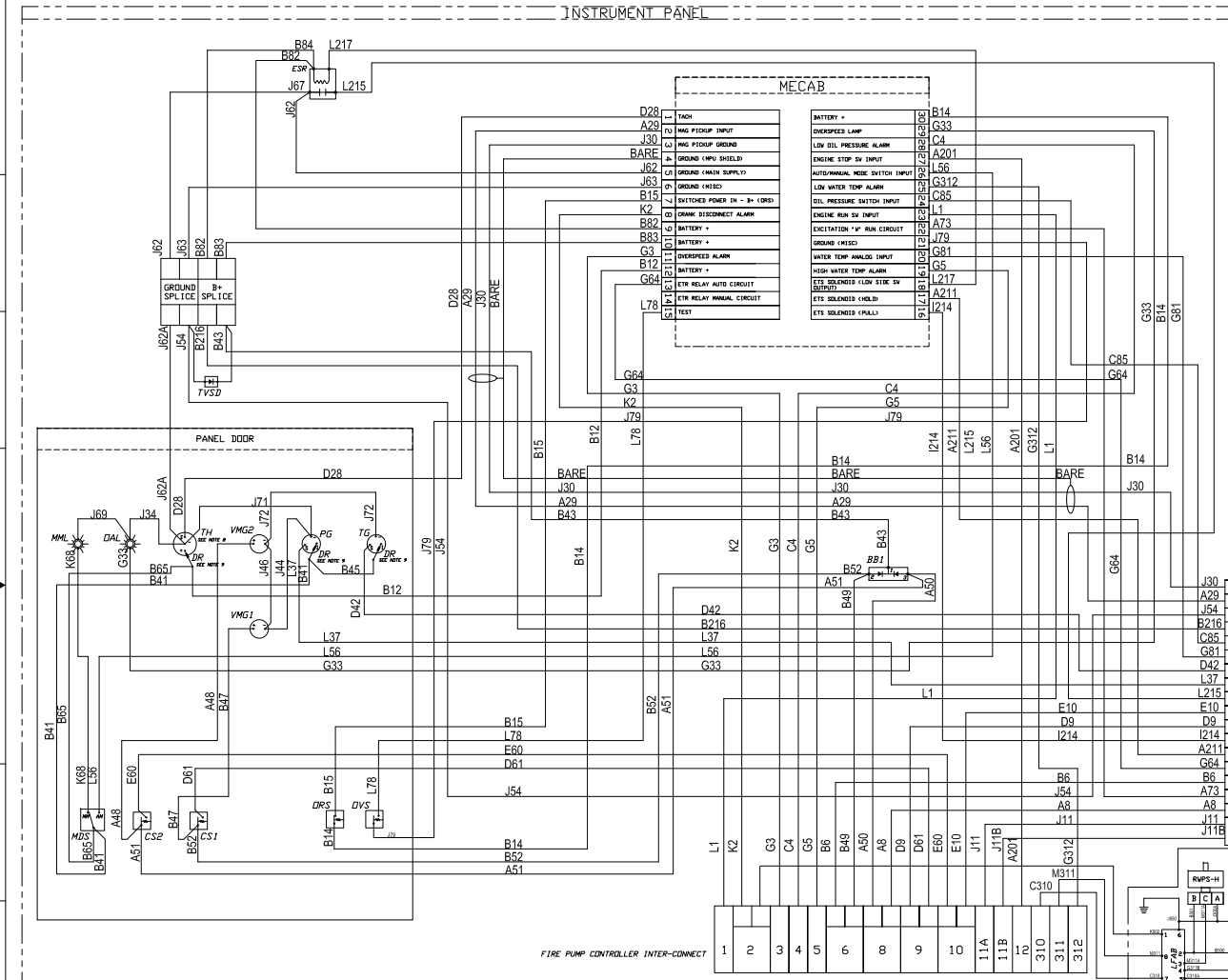
REV	DESCRIPTION	ECNH	DWN	APVD	DATE
C	ADDED TERMINAL 11B AND WIRING, TERMINAL 11A WAS 11	4781	MJD	7/10/20	01FEB17

**COLOR CODE**

A - WHITE	I - PINK
B - RED	J - BLACK
C - ORANGE	K - BROWN
D - YELLOW	L - GRAY
E - GREEN	M - PURPLE
G - BLUE	

**LEGEND**

AB - ALTERNATOR BRIDGE	MM - MANUAL MODE INDICATING LAMP
AL - ALTERNATOR	MP - MAGNETIC PICK-UP
AM - AUTOMATIC MODE POSITION	MS - MANUAL STOP SWITCH
AVS - ALARM VERIFY SWITCH	NA - OVER-SPEED ALARM RELAY
B1 - BATTERY #1	DB - OVER-SPEED ALARM RELAY
B2 - BATTERY #2	DCB - OVER-CURRENT BREAKER
B3 - BATTERY BRIDGE #1	DP - OIL PRESSURE ALARM RELAY
B4 - BATTERY BRIDGE #2	DPS - OVER-SPEED RELAY # 4 & 5
BS - BUMP ENABLE SWITCH	DPV - PRESET SWITCH
BSS - SPEED BUMP SWITCH	RWPS-H = RAW WATER PRESSURE SENSOR, HIGH
BT - BATTERY ISOLATOR	RWPS-L = RAW WATER PRESSURE SENSOR, LOW
CB - CRANK SWITCH - BATT#1	SC1 - STARTER CONTACTOR BATT#1
CB2 - CRANK SWITCH - BATT#2	SC2 - STARTER CONTACTOR BATT#2
CS - COOLANT BRIDGE	SC3 - SOLENOID CONTROL BOARD
DIA - DIAGNOSTIC GAUGE	ST - STARTER
ERS - ENGINE RUN RELAY	TCS - TEMPERATURE CONTROL SOLENOID
ERS - EMERGENCY RUN SWITCH	TH - TACHOMETER - HOURMETER
ETR - ETR SOLENOID RELAY	VMI - VOLTMETER GAUGE, BATT#1
HRTS - HIGH RAW WATER TEMP SWITCH	VMI2 - VOLTMETER GAUGE, BATT#2
LFAB - LOW FLOW/TEMP ALARM BOARD	VS - WATER SOLENOID VALVE
MDS - MODE SELECTOR SWITCH	WT - WATER TEMPERATURE H.D. SW 205°F
MH - MANUAL MODE POSITION	WTR - WATER TEMPERATURE ALARM RELAY



**NOTES:**

1) GOVERNOR SOLENOID - ENERGIZED TO STOP - JU, JV, ZF, ZE

2) GOVERNOR SOLENOID - ENERGIZED TO STOP - DD, DR, DS, DT

3) GOVERNOR SOLENOID - ENERGIZED TO STOP - DD, DR, DS, DT

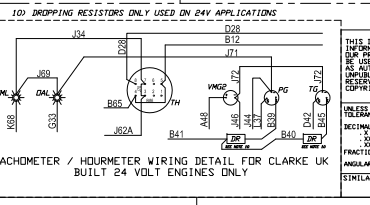
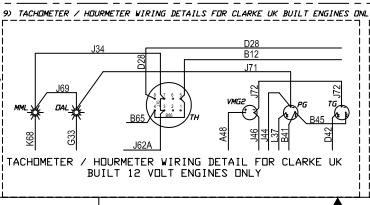
4) STARTER - SINGLE STARTER - JW, DR, DS, DT STANDARD - DUAL STARTER - JU STANDARD - 24V BATTERY DETAIL SHOWN, FOR 12V SEE 10V BATTERY DETAIL.

5) SINGLE POINT GROUND - GROUND STUD PROVIDED ON ENGINE FOR JUNCTION OF BATTERY GROUND CABLES, CONTROLLER GROUND (TERMINAL 11) AND ACCESSORY GROUND.

6) SOME GOVERNOR SOLENOIDS HAVE ISOLATED GROUND

7) SOME ALTERNATORS HAVE ISOLATED GROUND

8) WATER SOLENOID VALVE IN RAW WATER SUPPLY COOLING LOOP - VALVE AND WIRING SUPPLIED BY OTHERS. 5 AMPS MAX.



**CLARKE** Fire Protection Products, Inc.

WIRING DIAGRAM, MECAB - ETS, COOLING LOOP ALARMS

PART NO. C072145

DATE: 20JAN15

ENG: MJDEMBKQW5K1

SCALE: NTS

PAGE 1 OF 1