

INSTRUMENT PANEL

MECAB

ENGINE

REV	DESCRIPTION	ECN#	DWN	APVD	DATE
C	ADDED TERMINAL 11B AND WIRING, TERMINAL 11A WAS 11	4781	MJD	MJD	01FEB17
-	ADDED CONTROLLED DRAWING NOTE	6309	LJV	MJD	25AUG21

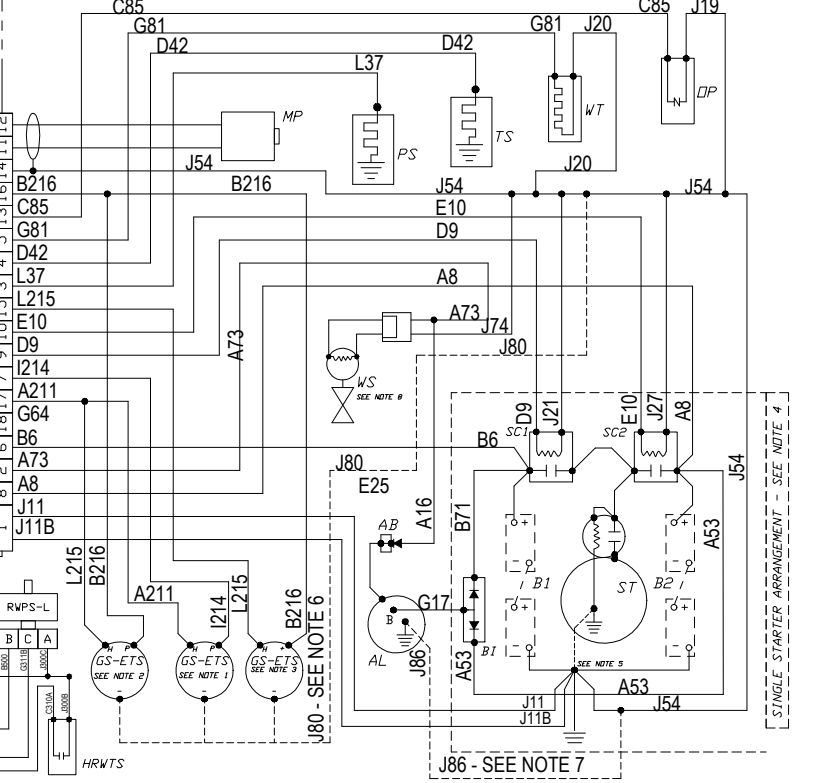
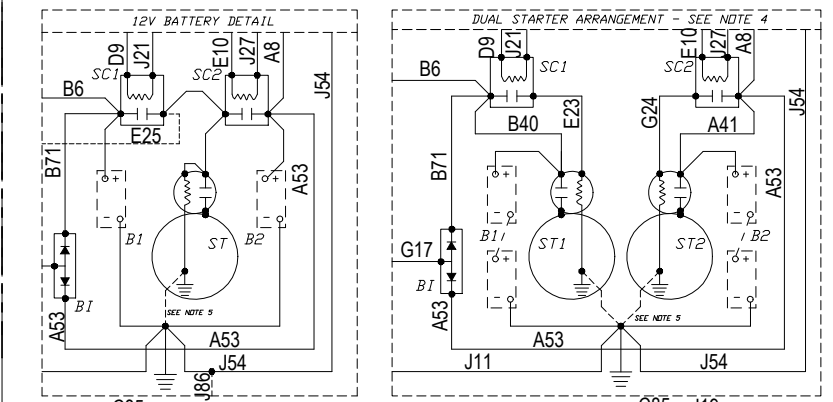
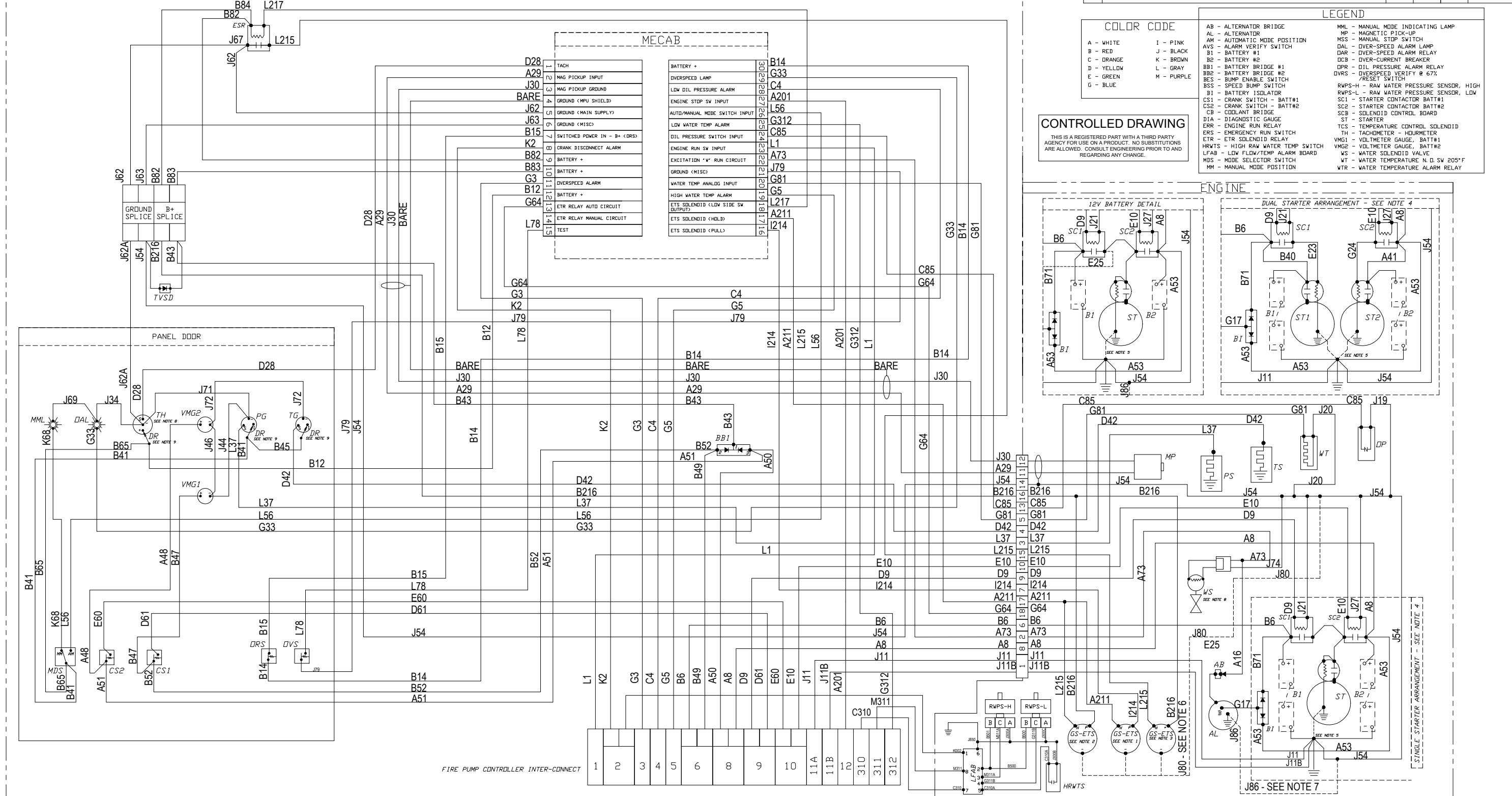
COLOR CODE

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

LEGEND

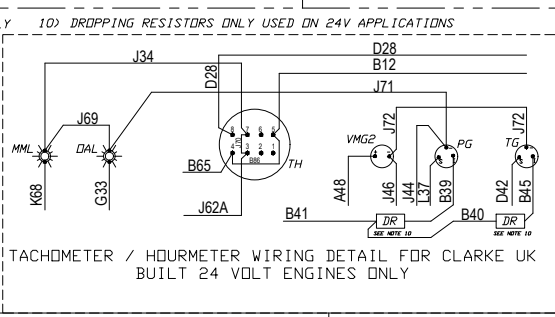
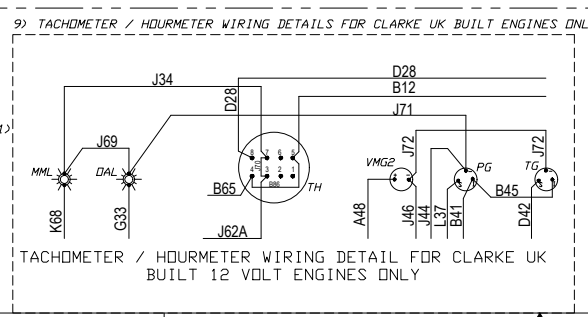
AB - ALTERNATOR BRIDGE	MML - MANUAL MODE INDICATING LAMP
AL - ALTERNATOR	MP - MAGNETIC PICK-UP
AM - AUTOMATIC MODE POSITION	MSS - MANUAL STOP SWITCH
AVS - ALARM VERIFY SWITCH	DAL - OVER-SPEED ALARM LAMP
B1 - BATTERY #1	DAR - OVER-SPEED ALARM RELAY
B2 - BATTERY #2	DCB - OVER-CURRENT BREAKER
BB1 - BATTERY BRIDGE #1	DPR - DIL PRESSURE ALARM RELAY
BB2 - BATTERY BRIDGE #2	DVRS - OVERSPEED VERIFY @ 67% /RESET SWITCH
BES - BUMP ENABLE SWITCH	RWPS-H - RAW WATER PRESSURE SENSOR, HIGH
BSS - SPEED BUMP SWITCH	RWPS-L - RAW WATER PRESSURE SENSOR, LOW
BI - BATTERY ISOLATOR	SC1 - STARTER CONTACTOR BATT#1
CS1 - CRANK SWITCH - BATT#1	SC2 - STARTER CONTACTOR BATT#2
CS2 - CRANK SWITCH - BATT#2	SCB - SOLENOID CONTROL BOARD
CB - COOLANT BRIDGE	ST - STARTER
DIA - DIAGNOSTIC GAUGE	TCS - TEMPERATURE CONTROL SOLENOID
ERR - ENGINE RUN RELAY	TH - TACHOMETER - HOURMETER
ERS - EMERGENCY RUN SWITCH	VMG1 - VOLTMETER GAUGE, BATT#1
ETR - ETR SOLENOID RELAY	VMG2 - VOLTMETER GAUGE, BATT#2
HRWTS - HIGH RAW WATER TEMP SWITCH	WS - WATER SOLENOID VALVE
LFAB - LDW FLOW/TEMP ALARM BOARD	WT - WATER TEMPERATURE N. D. SW 205°F
MDS - MODE SELECTOR SWITCH	WTR - WATER TEMPERATURE ALARM RELAY
MM - MANUAL MODE POSITION	

CONTROLLED DRAWING
THIS IS A REGISTERED PART WITH A THIRD PARTY AGENCY FOR USE ON A PRODUCT. NO SUBSTITUTIONS ARE ALLOWED. CONSULT ENGINEERING PRIOR TO ANY REGARDING ANY CHANGE.



- NOTES:
- GOVERNOR SOLENOID - ENERGIZED TO STOP - JU, JW, ZF, ZE
 - GOVERNOR SOLENOID - ENERGIZED TO STOP - DP
 - GOVERNOR SOLENOID - ENERGIZED TO STOP - DO, DR, DS, DT

- STARTER - SINGLE STARTER - JW, DR, DS, DT STANDARD - DUAL STARTER - JU STANDARD - 24V BATTERY DETAIL SHOWN, FOR 12V SEE 12V BATTERY DETAIL.
- SINGLE POINT GROUND - GROUND STUD PROVIDED ON ENGINE FOR JUNCTION OF BATTERY GROUND CABLES, CONTROLLER GROUND (TERMINAL 11) AND ACCESSORY GROUND. - SOME STARTERS HAVE ISOLATED GROUND.
- SOME GOVERNOR SOLENOIDS HAVE ISOLATED GROUND
- SOME ALTERNATORS HAVE ISOLATED GROUND
- WATER SOLENOID VALVE IN RAW WATER SUPPLY COOLING LOOP. - VALVE AND WIRING SUPPLIED BY OTHERS. 5 AMPS MAX.



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CLARKE
Fire Protection Products, Inc.

WIRING DIAGRAM, MECAB - ETS, COOLING LOOP ALARMS

REV C

DRWN	MJDEMBKOWSKI	NAME	
DATE	20JAN15	PART NO.	C072145
ENGR	MJDEMBKOWSKI	SCALE	NTS
MATERIAL		UNITS	MM [INCH]
DECIMAL	MM	IN	
ANGULAR	±1/32		
SIMILAR TO	±.5°		

CONTROLLED DRAWING

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

FRAC TIONAL ANGULAR SIMILAR TO

USED ON / LAYOUT PART NO.

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