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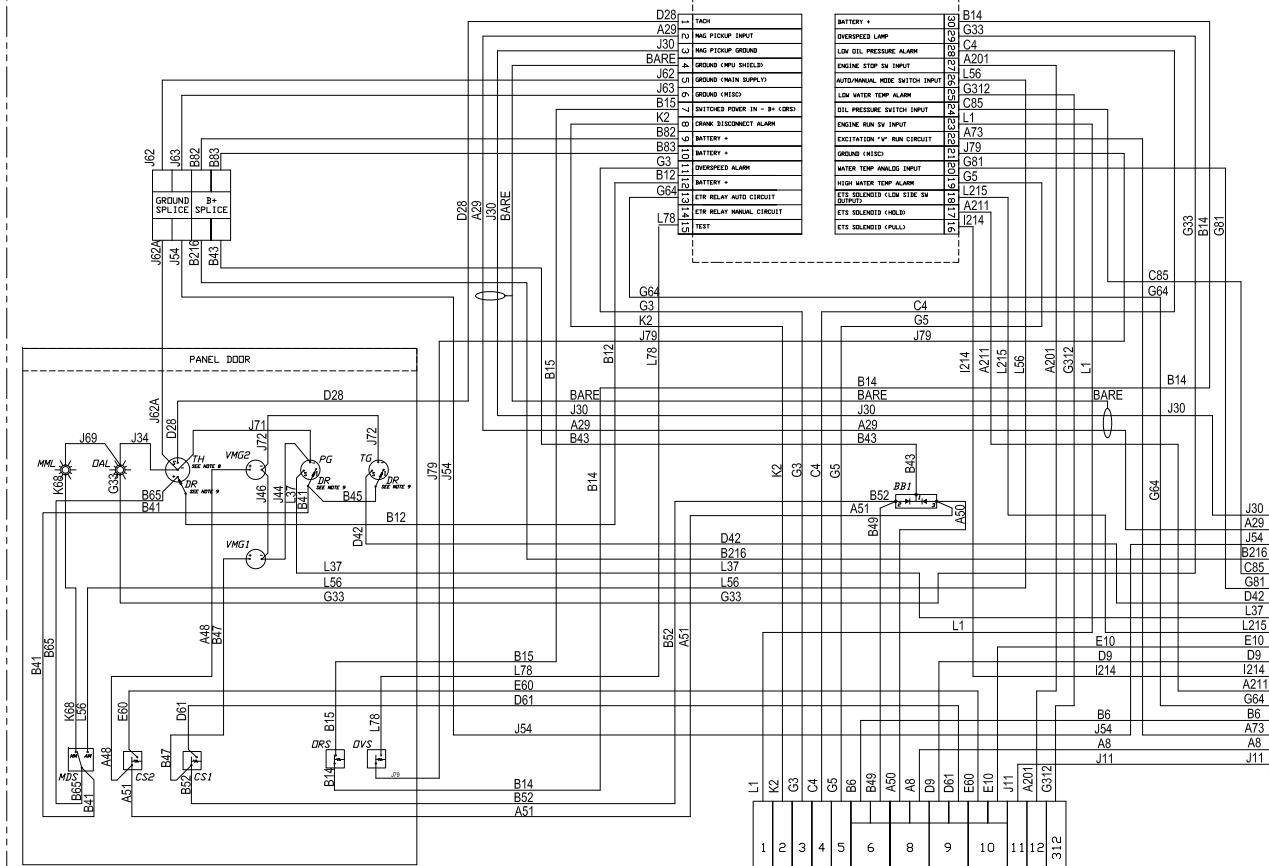
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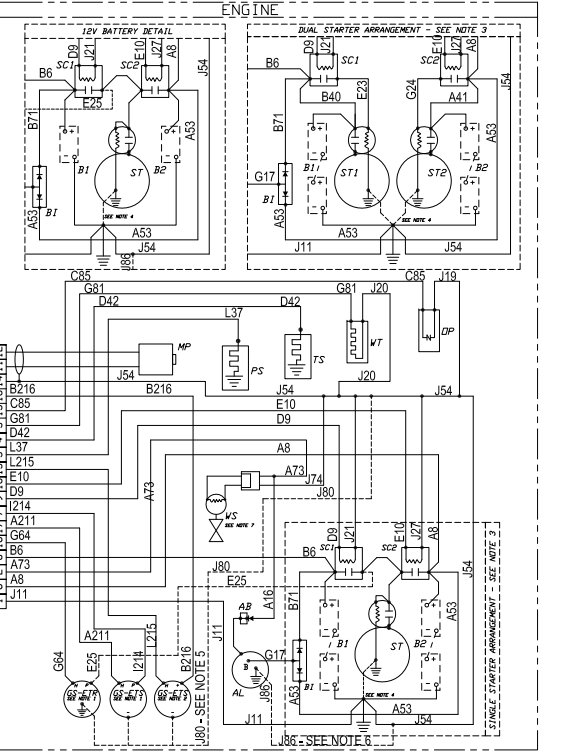
INSTRUMENT PANEL

MECAB

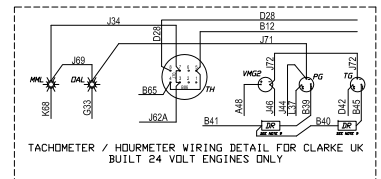
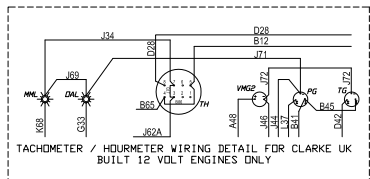


REV	DESCRIPTION	ECNH	DWN	APVD	DATE
A	ISSUED FROM REV 7	1668	KJK	<i>[Signature]</i>	06APR10
B	ADDED NOTES B & 9; ADDED WIRE NUMBERS TO 23, 24, 40, 41 IN 'DUAL STARTER ARRANGEMENT' DETAIL	2560	MJD	<i>[Signature]</i>	06FEB12
C	UPDATED UK WIRING DETAIL FOR TACH, 12V AND 24V	2623	DKP	<i>[Signature]</i>	20JUN12

COLOR CODE		LEGEND	
A - WHITE	I - PINK	AB - ALTERNATOR BRIDGE	MP - MAGNETIC PICK-UP
B - RED	J - BLACK	AL - ALTERNATOR	MS - MANUAL STOP SWITCH
C - ORANGE	K - BROWN	AVS - ALARM VERIFY SWITCH	DAL - OVER-SPEED ALARM LAMP
D - YELLOW	L - GRAY	B1 - BATTERY #1	DMP - OVER-SPEED ALARM RELAY
E - GREEN	M - PURPLE	B2 - BATTERY #2	OCB - OVER-CURRENT BREAKER
G - BLUE		B3 - BATTERY BRIDGE #1	OPR - OIL PRESSURE ALARM RELAY
		B4 - BATTERY BRIDGE #2	OVVS - OVERSPEED VERIFY # 672 (RACE) SWITCH
		B5 - BUMP SWITCH	B1 - BATTERY ISOLATOR
		B53 - SPEED BUMP SWITCH	B2 - STARTER CONTACTOR BATT#2
		C31 - CRANK (MANUAL) SWITCH - BATT#1	B3 - STARTER CONTACTOR BATT#3
		C32 - CRANK (MANUAL) SWITCH - BATT#2	SCB - SOLENOID CONTROL BOARD
		CB - COOLANT BRIDGE	SC2 - STARTER CONTACTOR BATT#2
		D1A - DIAGNOSTIC GAUGE	SC3 - SOLENOID CONTROL BOARD
		ECL - ALTERNATE ECU INDICATING LAMP	TCS - TEMPERATURE CONTROL SOLENOID
		EES - ECU SELECTOR SWITCH	TH - TACHOMETER - HEADMETER
		ETR - ETR SOLENOID SWITCH	VMS - VOLTMETER GAUGE, BATT#1
		MS - MAN. MAN. POSITION	VTS - VOLTMETER GAUGE, BATT#2
			VS - WATER SOLENOID VALVE
			W1 - WATER TEMPERATURE N/G IN 200°F
			W2 - WATER TEMPERATURE ALARM RELAY



- NOTES:
- 1) GOVERNOR SOLENOID - ENERGIZED TO RUN - JU, JW STANDARD - ENERGIZED TO STOP - JU, JW OPTIONAL
- 2) GOVERNOR SOLENOID - ENERGIZED TO STOP - DP, DD, DR, DS, DT STANDARD
- 3) STARTER - SINGLE STARTER - JW, DR, DS, DT STANDARD - DUAL STARTER - JU STANDARD - 24V BATTERY DETAIL SHOWN, FOR 12V SEE 12V BATTERY DETAIL.
- 4) SINGLE POINT GROUND - GROUND STUD PROVIDED ON ENGINE FOR JUNCTION OF BATTERY GROUND CABLES, CONTROLLER GROUND (TERMINAL 11) AND ACCESSORY GROUNDING. - SOME STARTERS HAVE ISOLATED GROUND.
- 5) SOME GOVERNOR SOLENOIDS HAVE ISOLATED GROUND
- 6) SOME ALTERNATORS HAVE ISOLATED GROUND
- 7) WATER SOLENOID VALVE IN RAW WATER SUPPLY COOLING LOOP. - VALVE AND WIRING SUPPLIED BY OTHERS: 5 AMPS MAX.
- 8) TACHOMETER / HOURMETER WIRING DETAIL FOR CLARKE UK BUILT ENGINES ONLY
- 9) DROPPING RESISTORS ONLY USED ON 24V APPLICATIONS



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