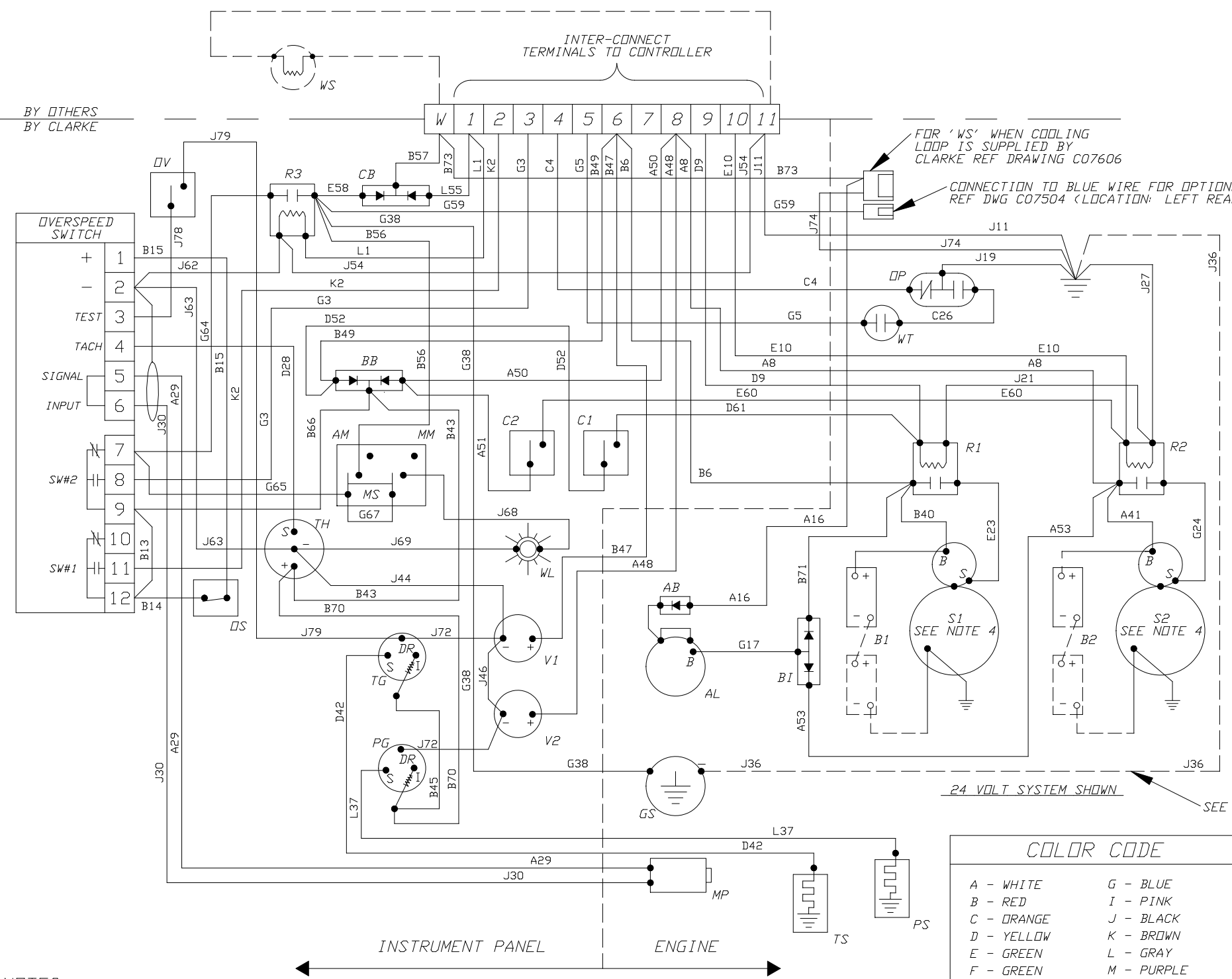


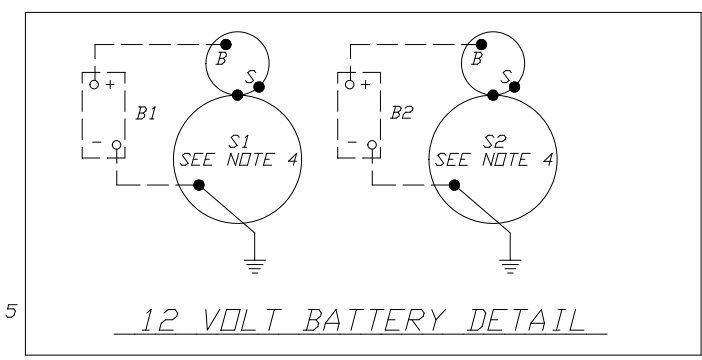
SYM	REVISION	DRWN	APVD	DATE
K	REROUTED GROUND FROM "WS" TO TERMINAL 11	GMS	LD	13MAR00
	LADED JU6H MODELS, PUT WIRE J36 IN PHANTOM, ADDED NOTE	SKJK		23AUG00

BY OTHERS
BY CLARKE



LEGEND

AB - ALTERNATOR BRIDGE	PS - PRESSURE SENDER (LUBE)
AL - ALTERNATOR	R1 - RELAY #1 (CRANKING)
AM - AUTOMATIC MODE POSITION	R2 - RELAY #2 (CRANKING)
B1 - BATTERY #1	R3 - REMOTE RUN RELAY N. D.
B2 - BATTERY #2	S1 - STARTER #1
BB - BATTERY BRIDGE	S2 - STARTER #2
BI - BATTERY ISOLATOR	SI - STARTER ISOLATOR
CB - COOLANT BRIDGE	SW#1 - CRANK TERMINATE
C1 - CRANK(MANUAL) SWITCH-BATT #1	SW#2 - OVERSPEED
C2 - CRANK(MANUAL) SWITCH-BATT #2	TG - TEMPERATURE GAUGE (WATER)
DR - DROPPING RESISTOR (24V ONLY)	TH - TACHOMETER - HOURMETER
GS - GOVERNOR SOLENOID	TS - TEMPERATURE SENDER (WATER)
MM - MANUAL MODE POSITION	V1 - VOLTMETER / BATT #1
MP - MAGNETIC PICK-UP	V2 - VOLTMETER / BATT #2
MS - MODE SELECTOR	WL - WARNING LAMP, "CONTROLS NOT IN AUTOMATIC POSITION"
DP - OIL PRESSURE 20#	WS - WATER SOLENOID VALVE (PROVIDED BY OTHERS)
DS - OVERSPEED RESET N. C.	WT - WATER TEMPERATURE N. D. SW 205°F
DV - OVERSPEED VERIFY @ 67%	
PG - PRESSURE GAUGE (LUBE)	



COLOR CODE

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

- NOTES:
- BROKEN LINE (→)-SYMBOLS INDICATE COMPONENTS NOT SUPPLIED BY CLARKE.
 - REFER TO ENGINE MODEL INSTALLATION DATA SHEET FOR SPECIFIC BATTERY AND CABLE SIZE REQUIREMENTS.
 - 12 VOLT SYSTEM DOES NOT INCLUDE THE TWO (DR) DROPPING RESISTORS. RED WIRES (B) CONNECT DIRECTLY TO PG & TG RESPECTIVELY.
 - SOME MODELS HAVE A STARTER THAT IS INTERNALLY GROUNDED; FOR THOSE THE BATTERY NEGATIVE CABLE (GRD) SHOULD BE ATTACHED TO THE ENGINE BLOCK (ALL PAINT SHOULD BE REMOVED TO BARE METAL)
 - PDFP ONLY - ALL OTHER HAVE INTERNAL GROUND.

**FOR CLARKE US ENGINES BUILT
PRIOR FEBRUARY 2003**

CONTROLLED DRAWING
This is a registered part with FM/UL for use on an approved/ listed fire pump driver. No substitutions are allowed. Consult engineering prior to and regarding any change.

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	DATE	21JAN94	
	ENGR	JTWHITNEY	
	CHK		
USAGE: 5, 7, 8 & 1000	INSP:	N	SERIES CODE: MP
NAME		WIRING DIAGRAM, ENGINE W/ELECTRIC GAUGES & DUAL STARTERS NEGATIVE GRD. 12 OR 24VDC	
SIZE B	PART NO.	C07575	
SCALE:	NONE	UNITS:	NONE
SHEET OF		1 1	

REV L C07575