680CK B, 680CK C
Loader Backhoe

Service Manual

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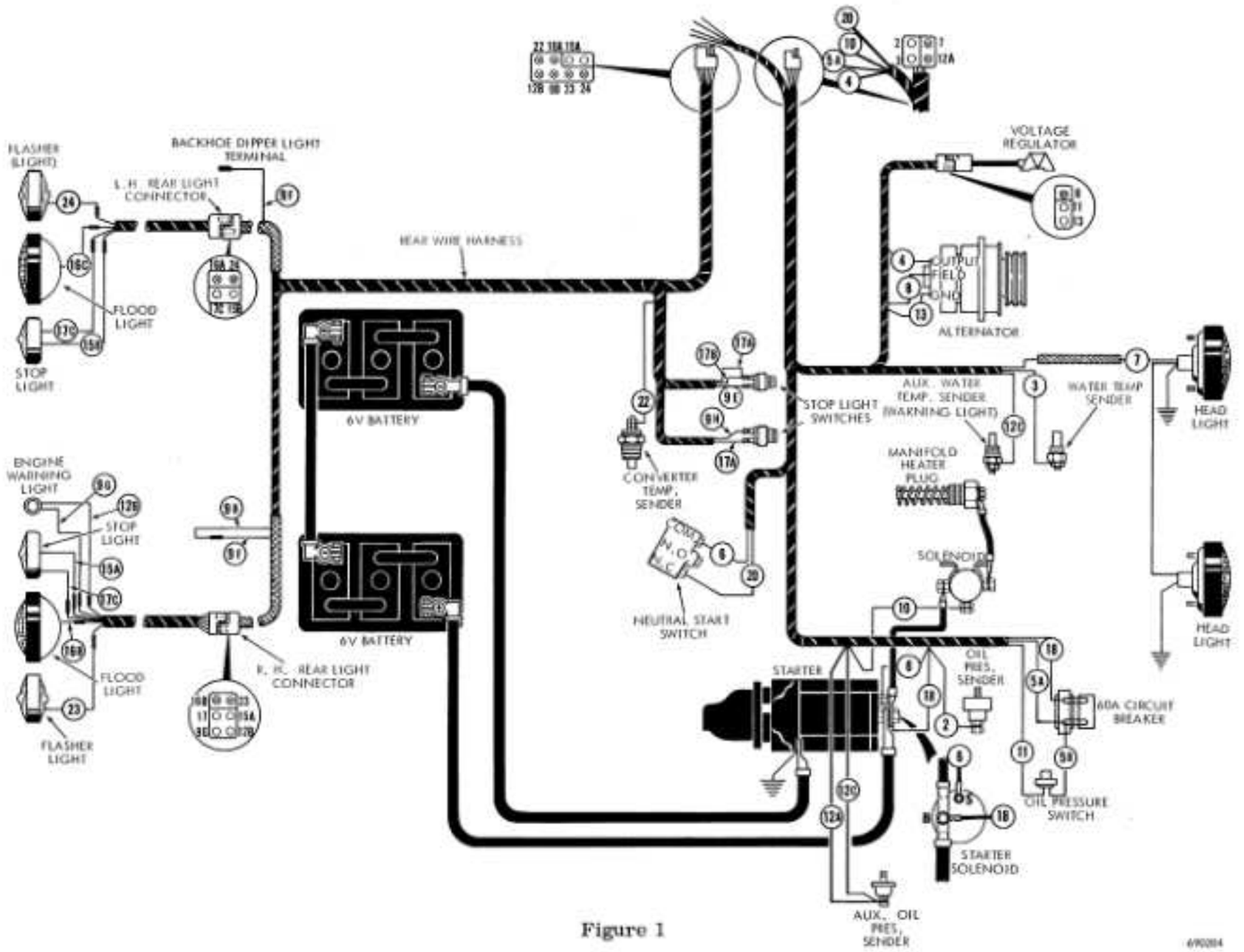


Figure 1

WIRING CODE - REFER TO FIGURE 1

NO.	FROM	TO	COLOR
1A	Ammeter, positive terminal	Key Switch, BAT. term.	Orange
1B	Ammeter, positive terminal	25 Amp. Circuit Breaker	Orange
2	Oil Pressure Gauge	Oil pressure sender	Yellow & black
3	Water temperature gauge	Water temperature sender	Pink & black
4	Ammeter, positive terminal	Alternator, output term.	Orange
5A	Ammeter, negative terminal	60 Amp. circuit breaker	Red & black
5B	60 Amp. circuit breaker	Oil pressure switch	Red & black
6	Neutral start switch, COM terminal	Starter solenoid, S term.	White
7	Light switch, TL terminal	Headlights	Pink
8	Regulator plug	Alternator, FLD terminal	Green
	SUPPLY CIRCUIT FOR WARNING LIGHTS, BACKHOE DIPPER, AND STOP LIGHT SWITCHES		
9A	Key switch, ACC terminal	Water temperature gauge, IGN terminal	Purple
9B	Water temperature gauge, IGN terminal	Rear harness connection to 9F	Purple
9C	Oil pressure gauge, IGN term.	Warning light (on dash)	Purple
9D	Water temperature gauge, IGN terminal	Oil pressure gauge, IGN terminal	Purple
9E	Stop light switch	Harness splice with 9B	Purple
9F	Rear harness connection to 9B	Backhoe dipper light terminal	Purple
9G	Warning light (rear)	Rear harness splice to 9B	Purple
9H	Stop light switch	Rear harness splice with 9B	Purple
9J	Key Switch, ACC terminal	Converter temperature gauge	Purple
10	Key switch, SOL term.	Heater solenoid	Red & white
11	Oil pressure switch	Regulator plug	Purple & white
	WARNING LIGHTS CIRCUIT		
12A	Auxiliary oil pressure Sender	Warning light (on dash)	Dk. green
12B	Warning light (on dash)	Warning light (rear)	Dk. green
12C	Auxiliary oil pressure Sender	Auxiliary water temp.	Dk. green

NO.	FROM	TO	COLOR
13	Regulator plug	Alternator, GRD term.	Black
14	Light switch, BAT term.	25 Amp. circuit breaker	Orange & black
	STOP LIGHTS CIRCUIT		
15A	Light switch, TL term.	R.H. stop light	Yellow
15B	Rear harness splice to 15A	L.H. stop light	Yellow
	FLOOD LIGHTS CIRCUIT		
16A	Light switch, BAT term.	Rear flood switch, No. 2 terminal	Dk. blue
16B	Rear flood switch, No. 1 terminal	R.H. flood light	Dk. blue
16C	Splice in rear harness to 16B	L.H. flood light	Dk. blue
	STOP LIGHTS SWITCH CIRCUIT		
17A	Right hand stop light switch	Left hand stop light switch	Tan
17B	Left hand stop light switch	Splice in rear harness with 17C	Tan
17C	Splice in harness with 17B	R.H. and L.H. stop lights	Tan
18	Starter solenoid, B terminal	60 Amp. circuit breaker	Red
	PANEL LIGHTS CIRCUIT		
19A	Light switch, INST term.	Panel light connector	Grey
19B	Panel light connector	R.H. panel light connector	Grey
20	Starter button	Neutral start switch, NC terminal	Blue & white
21	Key switch, IGN term.	Starter button	Lt. blue
22	Converter temperature gauge	Converter temperature sender	Green & white
	TURN SIGNAL LIGHTS CIRCUIT		
23	Signal control, red wire connector	R.H. flasher light	White & red
24	Signal control, green wire connector	L.H. flasher light	White & green

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