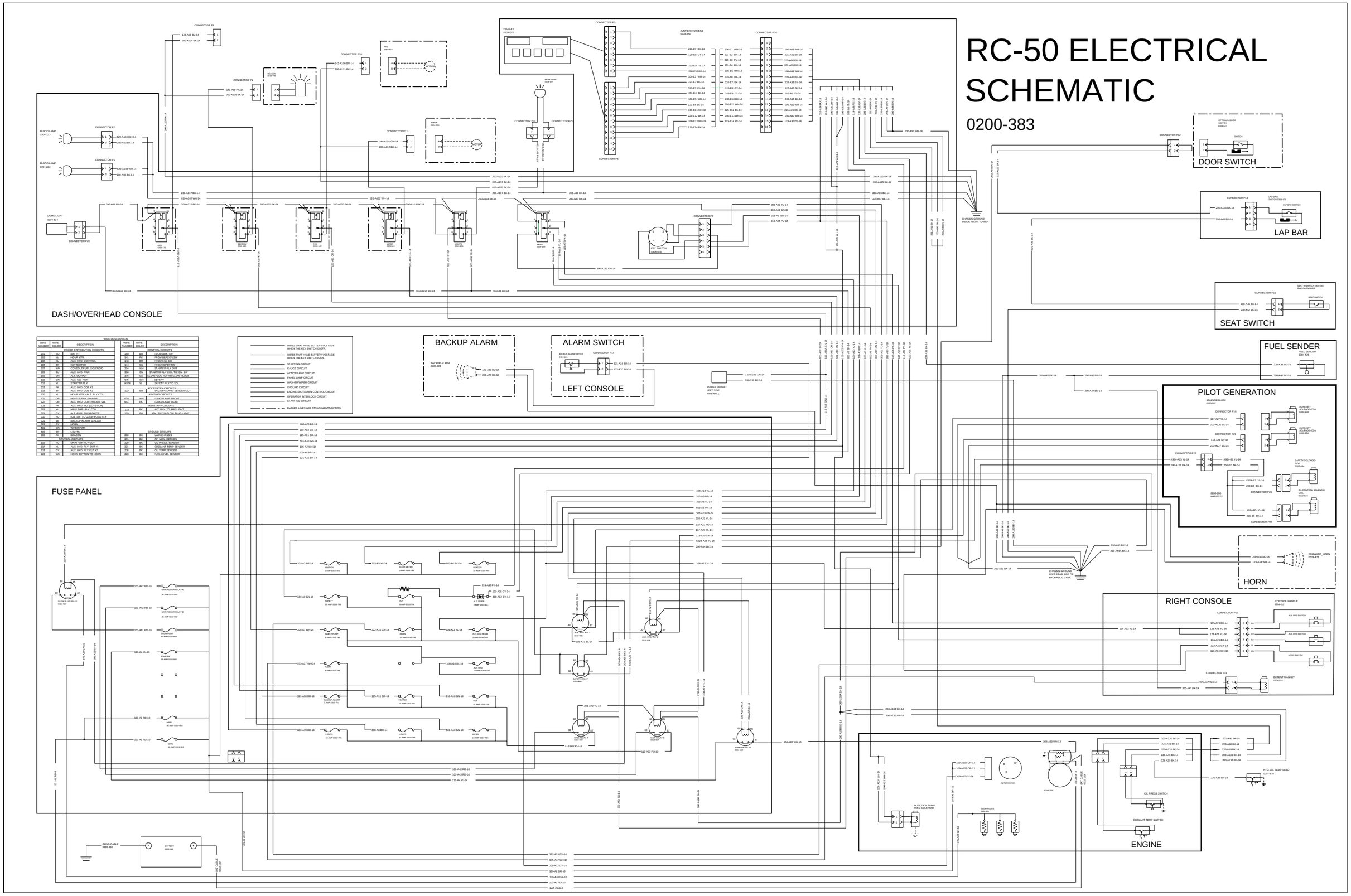
RC-50 ELECTRICAL SCHEMATIC

0200-383



WIRE DESCRIPTION

WIRE NUMBER	WIRE COLOR	DESCRIPTION
POWER DISTRIBUTION CIRCUITS		
101	RD	BAT (+)
103	YL	HOUR MTR
104	YL	AUX. HYD. CONTROL
105	BR	KEY SWITCH
106	WH	CONSOLE/FUEL SOLENOID
108	BU	AUX. HYD. PWR
109	OR	ALT. OUTPUT
110	GN	AUX. SW. PWR
111	YL	STARTER RLY
113	PK	AUX. HYD. COIL #1
115	BR	AUX. HYD. COIL #2
120	YL	HOUR MTR / ALT. RLY COIL
125	OR	HEATER FAN SW PWR
127	OR	AUX. HYD. CONTINUOUS SW
128	PK	AUX. HYD. MIS. LIGHTS/CO
208	YL	MAIN PWR. RLY. COIL
209	GY	ALT. PWR. FROM DIODE
210	PU	IGN. SW. TO GLOW PLUG RLY
221	BR	BACKUP ALARM SENDER
222	GY	HORN
501	GN	WIPER PWR
600	BR	LIGHTS
603	PK	BEACON
CONTROL CIRCUITS		
112	PU	MAIN PWR RLY OUT
117	YL	AUX. HYD. RLY OUT #1
118	GY	AUX. HYD. RLY OUT #2
123	WH	HORN BUTTON TO HORN

WIRE NUMBER	WIRE COLOR	DESCRIPTION
CONTROL CIRCUITS		
140	BU	FROM AUX. SW
141	PK	FROM BEACON SW
143	BR	FROM FAN SW
144	GN	FROM WIPER SW
304	WH	STARTER RLY OUT
308	GN	STARTER RLY COIL TO IGN. SW
375	GN	GLOW PLUG RLY TO GLOW PLUGS
875	WH	DETENT
K324	YL	SAFETY RLY TO SOL
ACCESSORY CIRCUITS		
122	BU	BACKUP ALARM SENDER OUT
LIGHTING CIRCUITS		
620	WH	FLOOD LAMP FRONT
651	PK	FLOOD LAMP REAR
MONITORY CIRCUITS		
113	PK	ALT. RLY. TO AMP LIGHT
120	BU	IGN. SW. TO GLOW PLUG LIGHT
GROUND CIRCUITS		
200	BK	MAIN CHASSIS
201	BK	OP. MON. RETURN
220	BK	OIL PRESS. SENDER
221	BK	COOLANT TEMP SENDER
226	BK	OIL TEMP SENDER
228	BK	FUEL LEVEL SENDER

WIRES THAT HAVE BATTERY VOLTAGE WHEN THE KEY SWITCH IS OFF.
WIRES THAT HAVE BATTERY VOLTAGE WHEN THE KEY SWITCH IS ON.
STARTING CIRCUIT
GAUGE CIRCUIT
ACTION LAMP CIRCUIT
PANEL LAMP CIRCUIT
WASHER/WIPER CIRCUIT
GROUND CIRCUIT
ENGINE SHUTDOWN CONTROL CIRCUIT
OPERATOR INTERLOCK CIRCUIT
START AID CIRCUIT
DASHED LINES ARE ATTACHMENTS/OPTION