MONITORING CIRCUITS

FUEL LEVEL (30 AND 25 SERIES)

1. Current flows from the battery to the 30 amp main fuse.
2. From the main fuse, current is transferred to the (B) terminal of the starter switch. When the starter switch is in the (RUN) position, current is transferred from the (B) to the (ACC) terminal.
3. From the (ACC) terminal, current travels to the (F2) 7.5 amp fuse, then to pin 21 of the instrument panel connector, providing current to the instrument panel.
4. The gauge's fuel level reading is controlled by the variable resistance of the fuel level sending unit located inside the fuel tank. A higher level of fuel in the tank decreases the resistance of the fuel level sender; a lower level of fuel in the tank increases the resistance of the fuel level sender. The fuel level sender ground circuit is provided to pin 14 by the fuel level sender to the engine block ground.
5. The ground circuit is provided to the instrument panel by pin 24 on the instrument panel connector.

TROUBLESHOOTING
FUEL LEVEL CIRCUIT
25 & 30 SERIES

CONDITION	POSSIBLE CAUSE	REMEDY
Inoperative fuel level gauge.	Blown (F2) 7.5 amp fuse	Replace the 7.5 amp fuse.
	Malfunctioning sending unit	Test the sending unit and replace if necessary.
	Improper ground circuit	Check the ground source at the left side of the engine block.
	Malfunctioning fuel gauge	Test the fuel gauge and replace if necessary.

25 Series Economy Fuel Level Monitoring Circuit

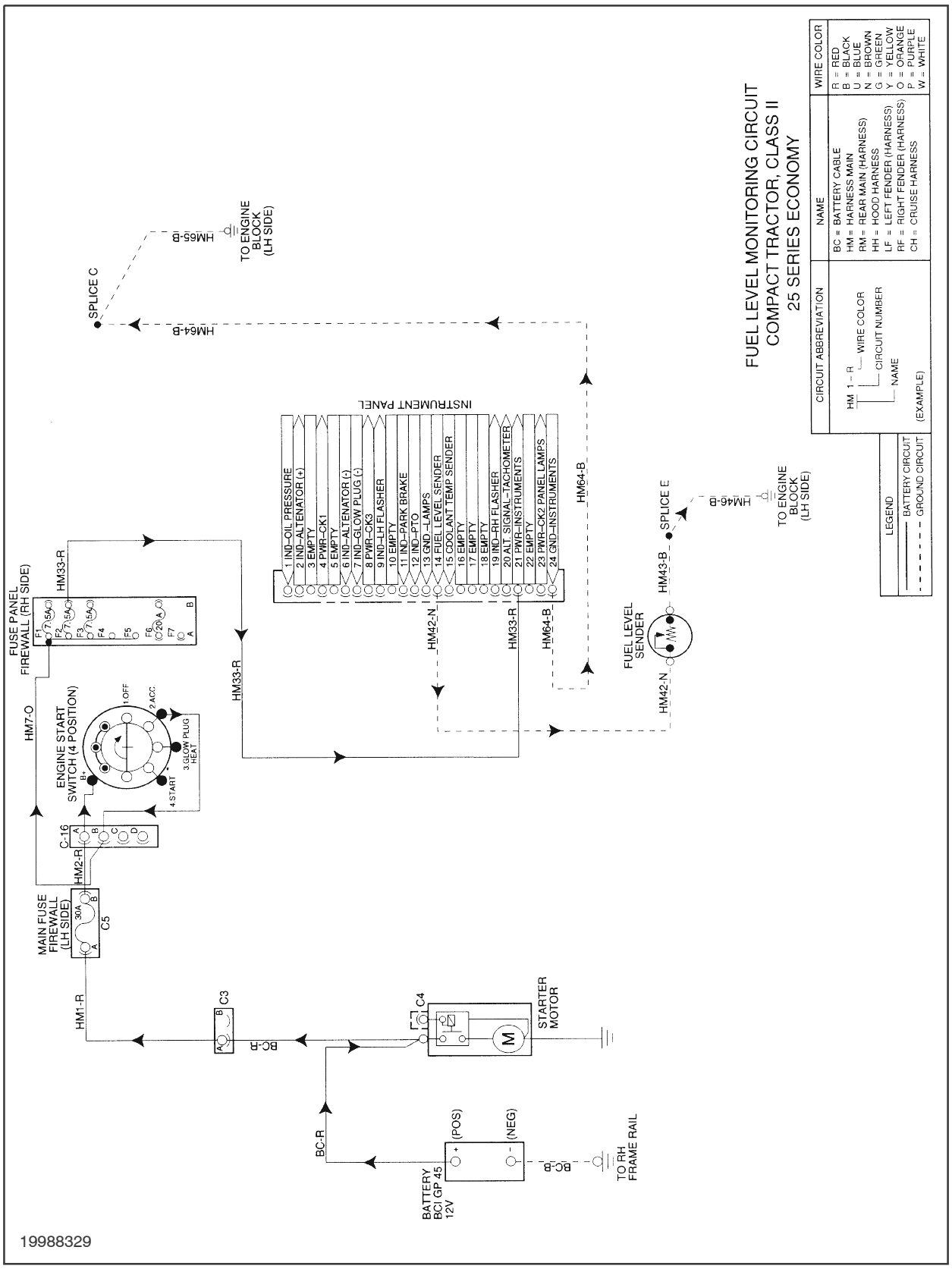

Figure 3-107

30 Series Deluxe Fuel Level Monitoring Circuit

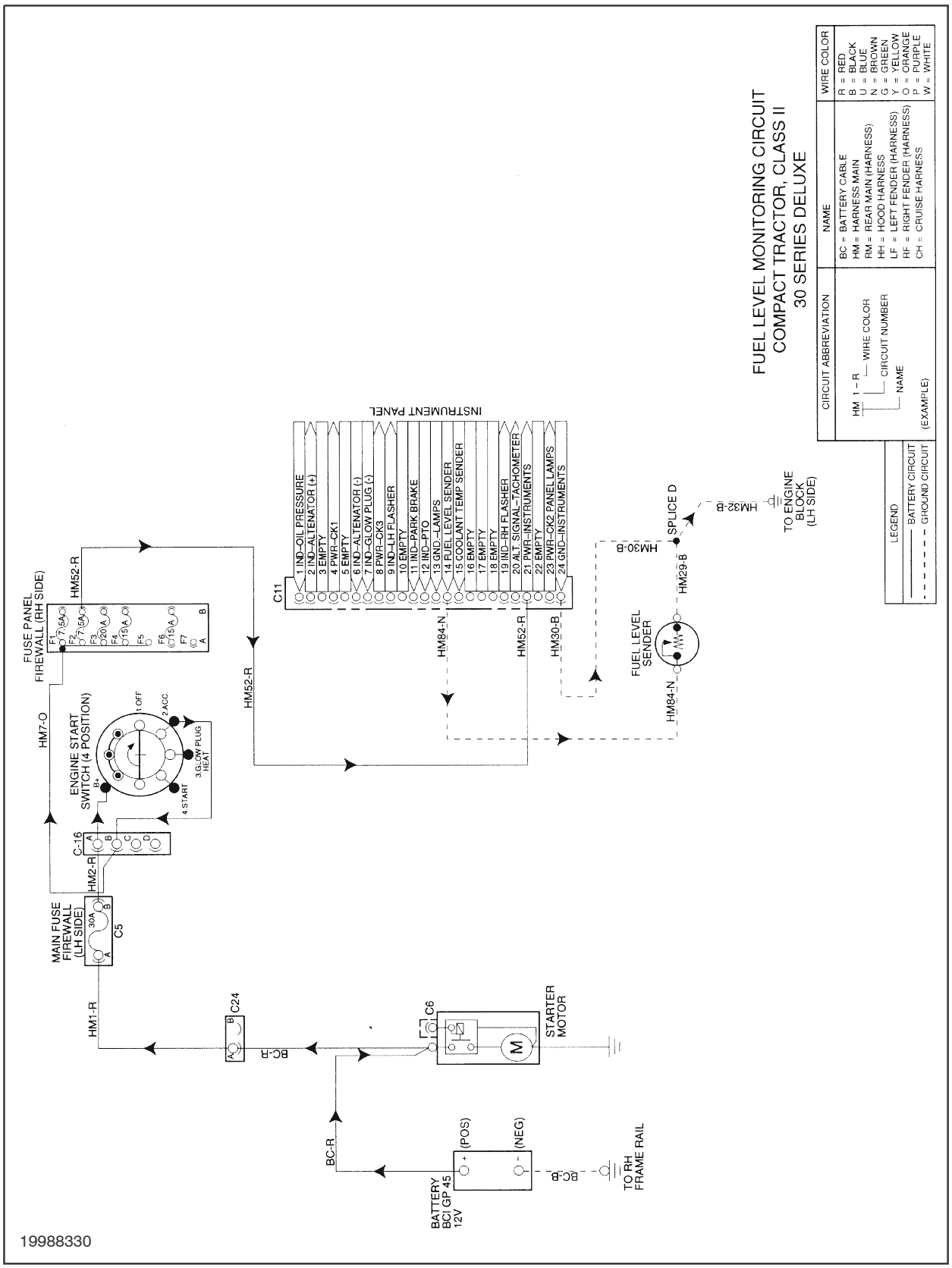

Figure 3-108