

T-630 CAT Engine Wiring

Start sequence:

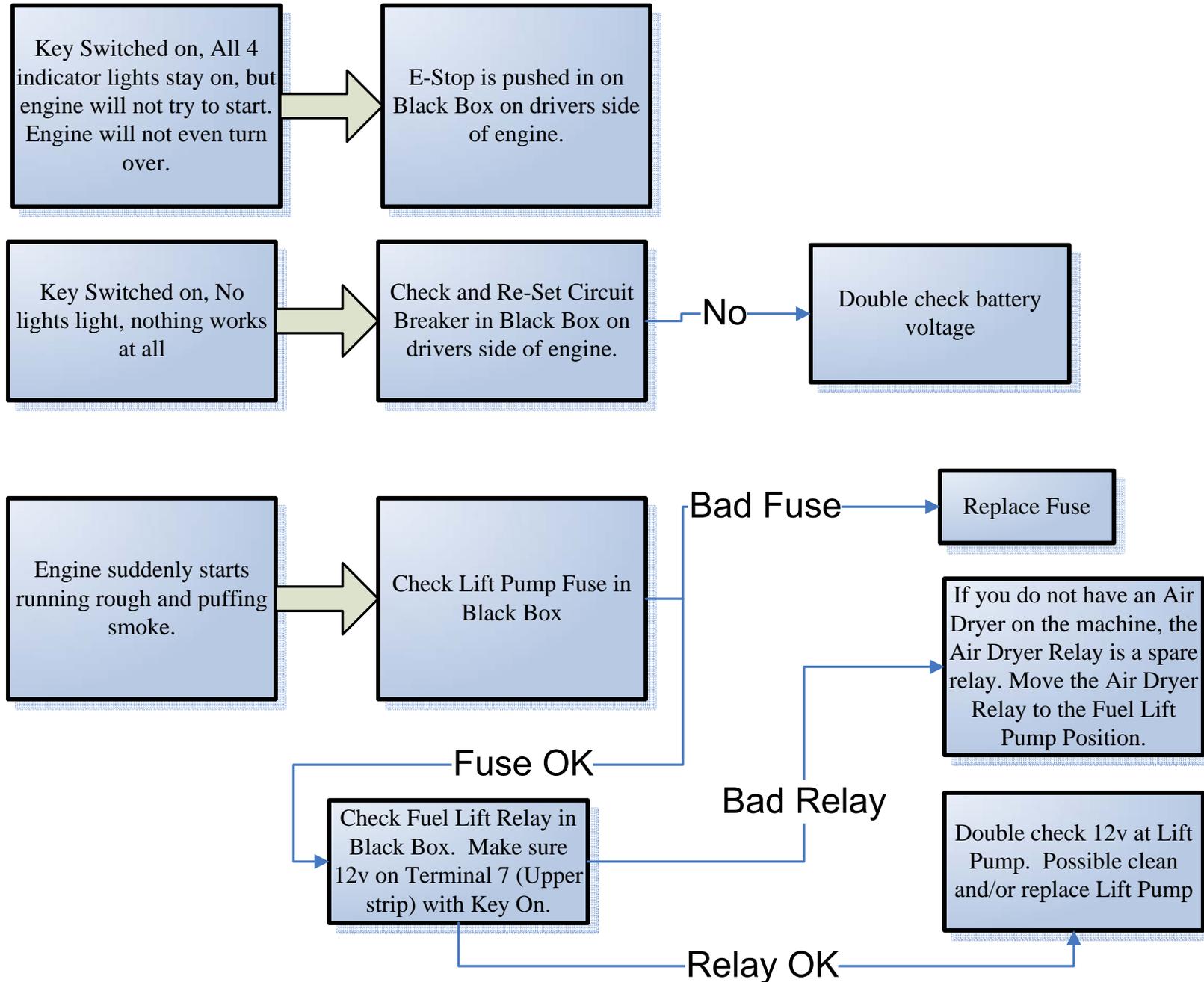
Key to Run position: The Amperite Relay in the Black Box timer sequence is started to test all diagnostic lights for 5 seconds. The fuel lift pump and injector pump are also energized. If the engine is not started within 5 seconds, all lights go out but the low oil pressure light. It should go out when the engine is started and oil pressure rises.

Key to Start position: Electric flow to start passes through the key switch to Terminal E on the lower terminal in the black box. From E through the Neutral Start switch on the Main Pump to Terminal 1 on the upper strip. Then through one of the N/C contacts on the E-Stop to the Start Relay in the Black Box. This relay should then energize the starter.

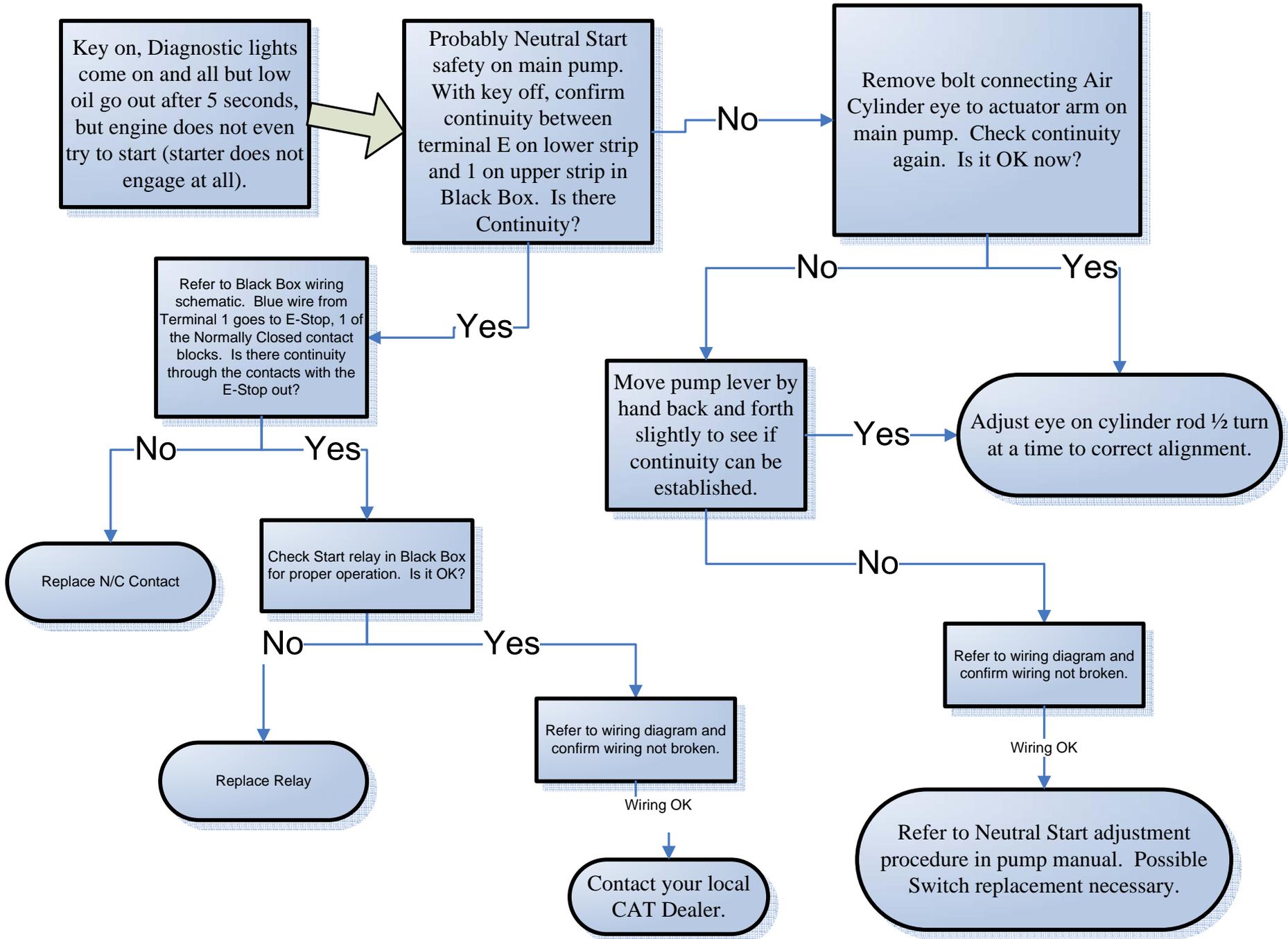
E-Stop pressed:

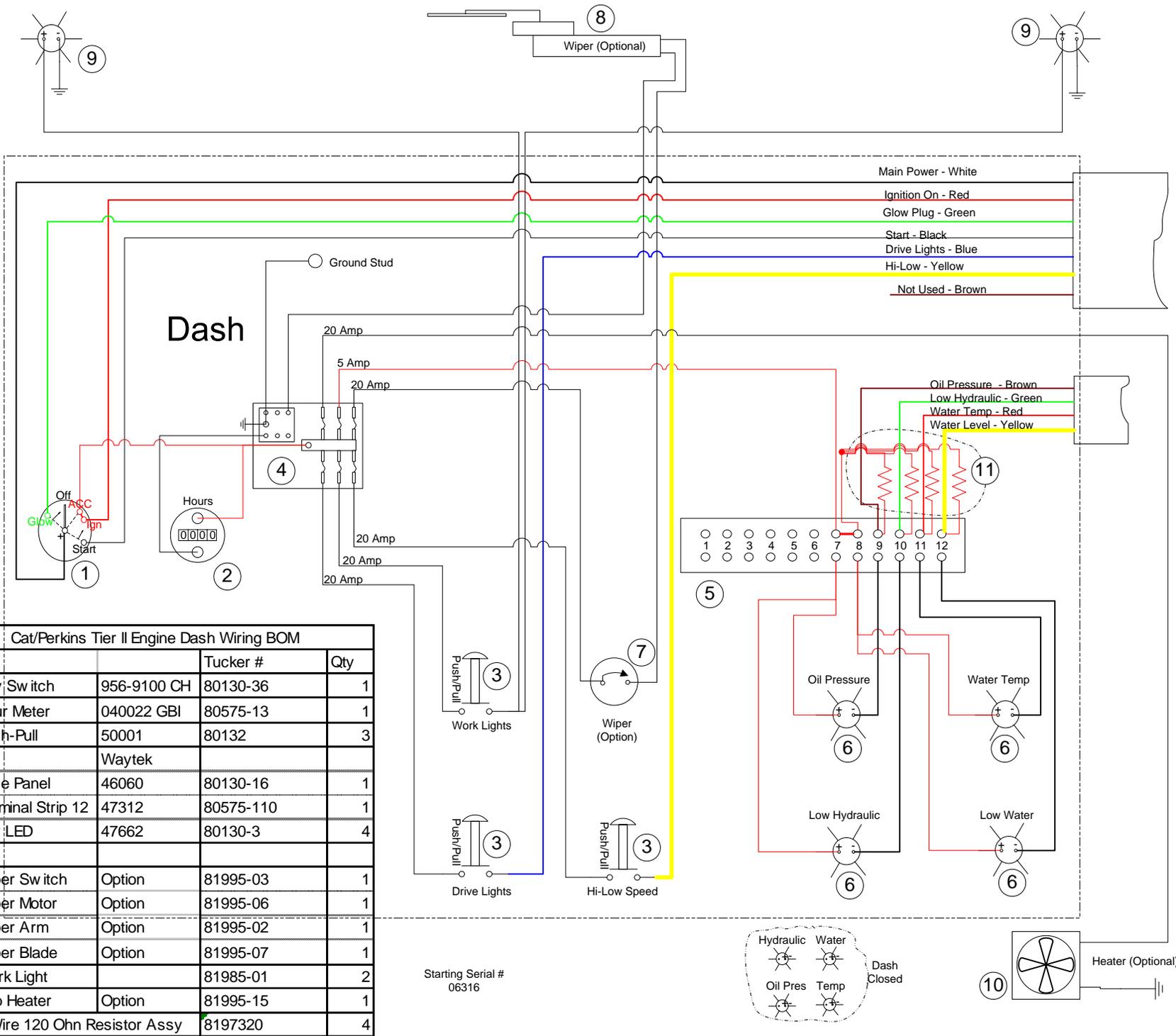
All diagnostic lights come on and stay on. The fuel pump circuit is opened, and the circuit to activate the starter is opened. (It will not even try to turn the starter)

T-630 CAT Engine Trouble Shooting



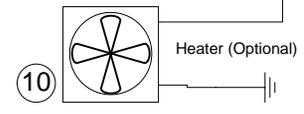
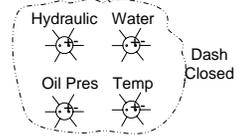
T-630 CAT Engine Trouble Shooting

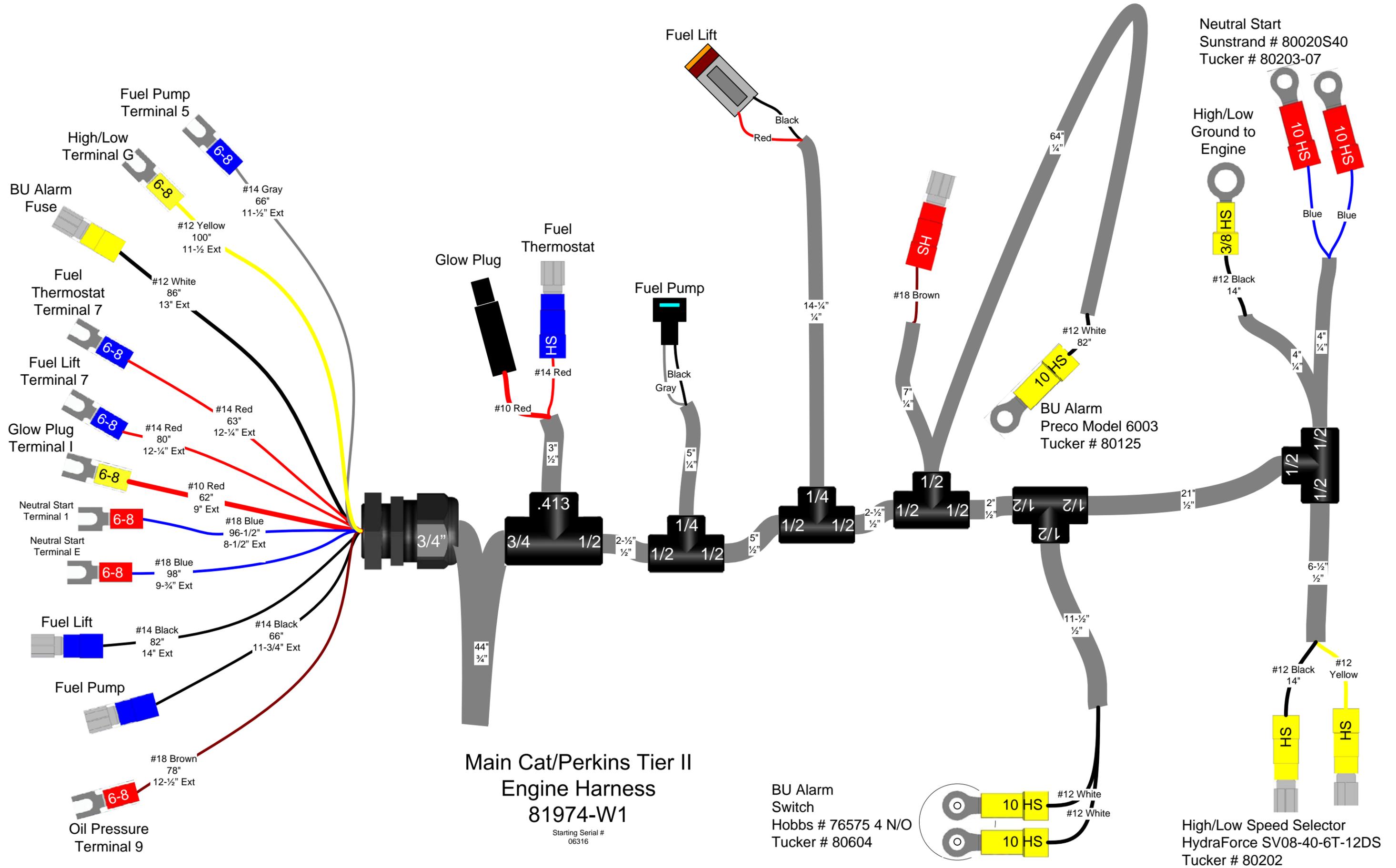


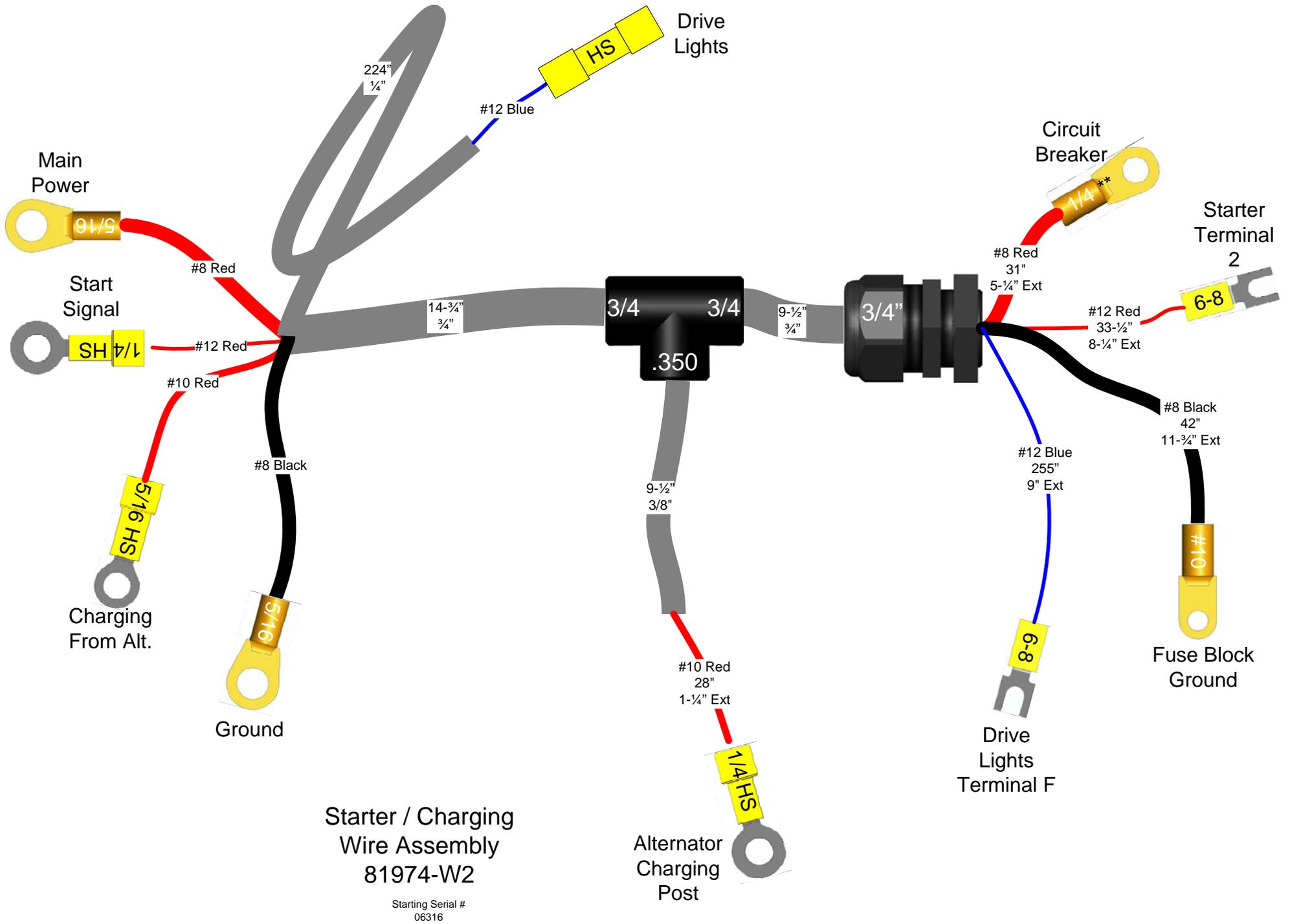


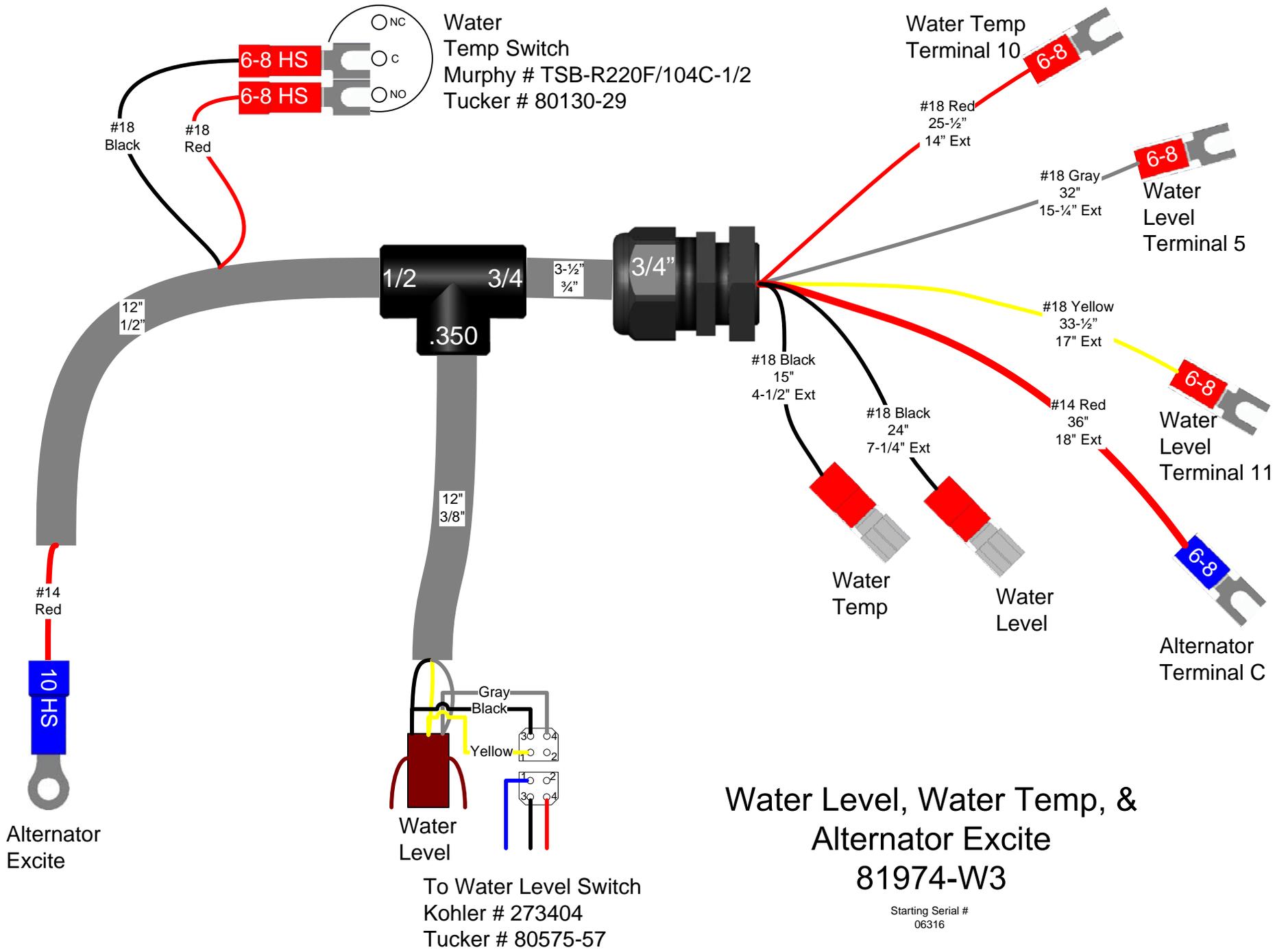
Cat/Perkins Tier II Engine Dash Wiring BOM				
			Tucker #	Qty
1	Key Sw itch	956-9100 CH	80130-36	1
2	Hour Meter	040022 GBI	80575-13	1
3	Push-Pull	50001	80132	3
		Waytek		
4	Fuse Panel	46060	80130-16	1
5	Terminal Strip 12	47312	80575-110	1
6	12v LED	47662	80130-3	4
7	Wiper Sw itch	Option	81995-03	1
8	Wiper Motor	Option	81995-06	1
	Wiper Arm	Option	81995-02	1
	Wiper Blade	Option	81995-07	1
9	Work Light		81985-01	2
10	Cab Heater	Option	81995-15	1
11	4 Wire 120 Ohn Resistor Assy		8197320	4

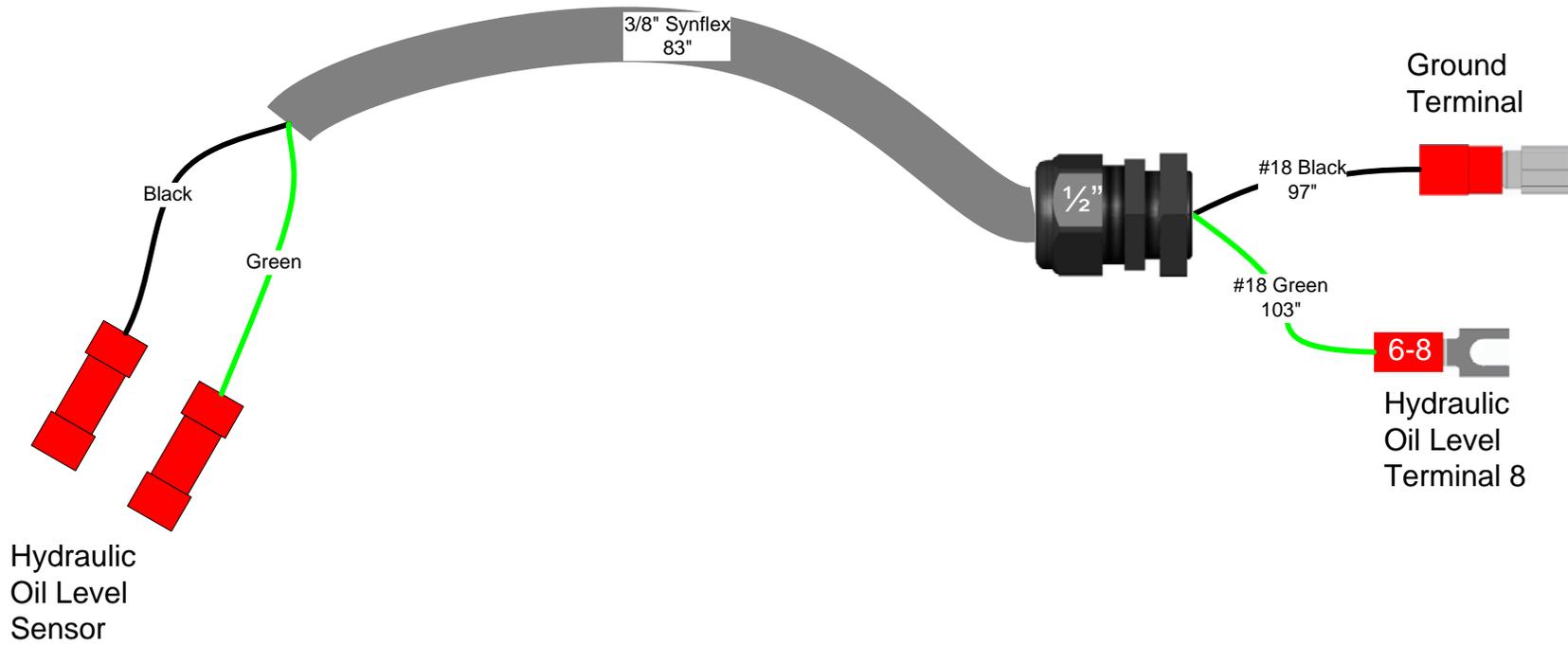
Starting Serial #
06316











Hydraulic Oil Level 81974-W4

Starting Serial #
06316