

2003 Cadillac CTS

SYSTEM WIRING DIAGRAMS Cadillac - CTS

SYSTEM WIRING DIAGRAMS

Cadillac - CTS

AIR CONDITIONING

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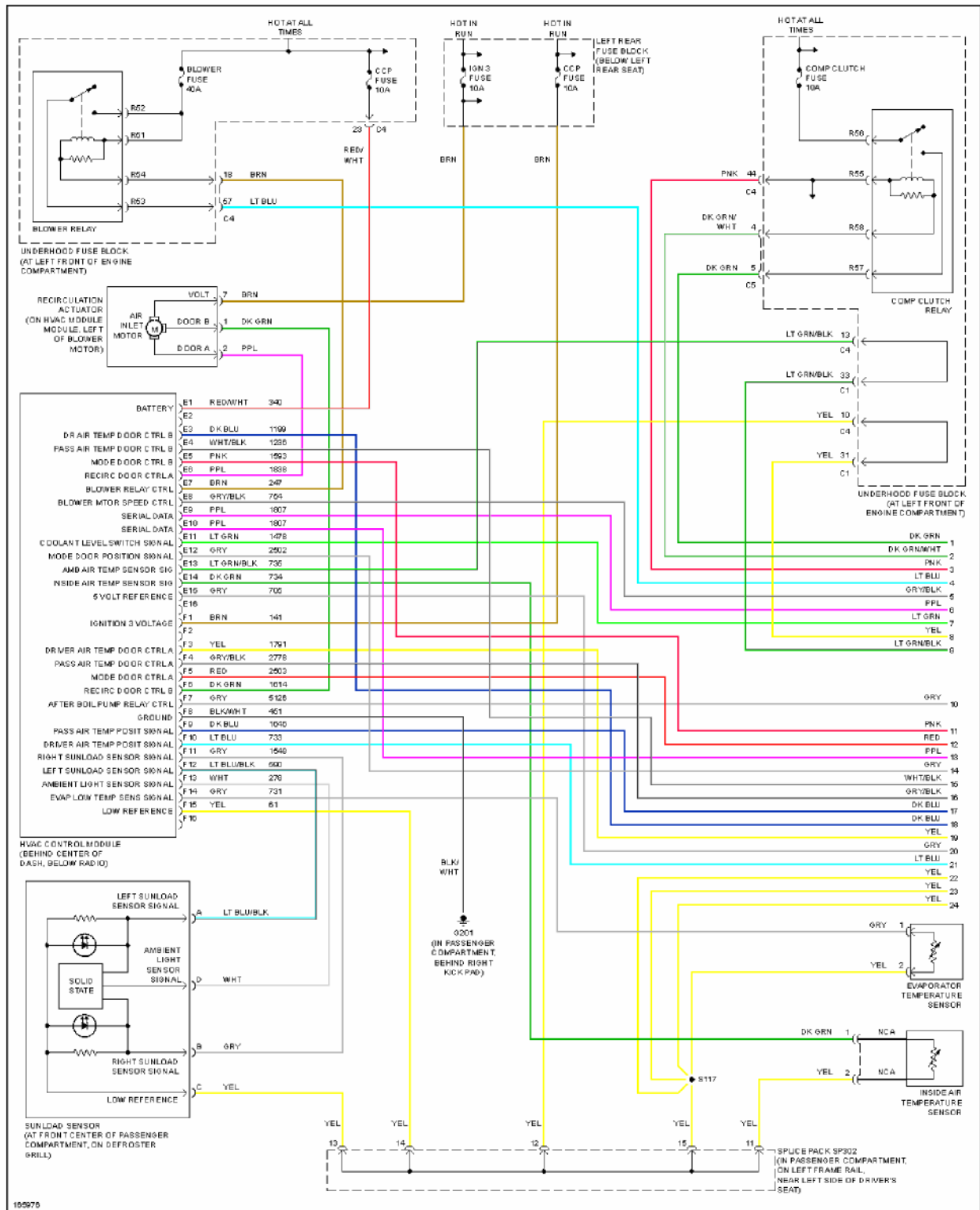


Fig. 1: Automatic A/C Circuit (1 of 3)

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Fig. 2: Automatic A/C Circuit (2 of 3)

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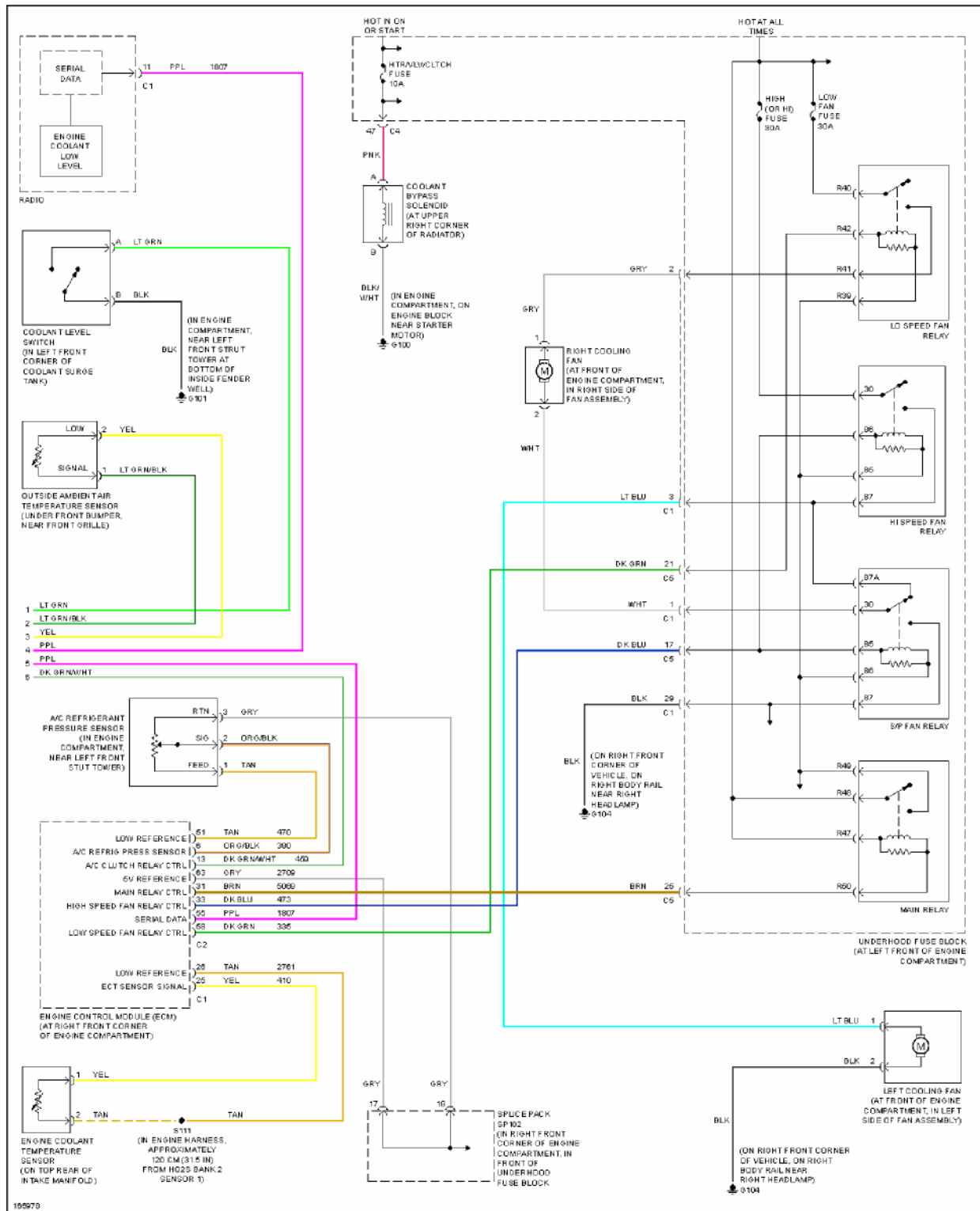


Fig. 3: Automatic A/C Circuit (3 of 3)

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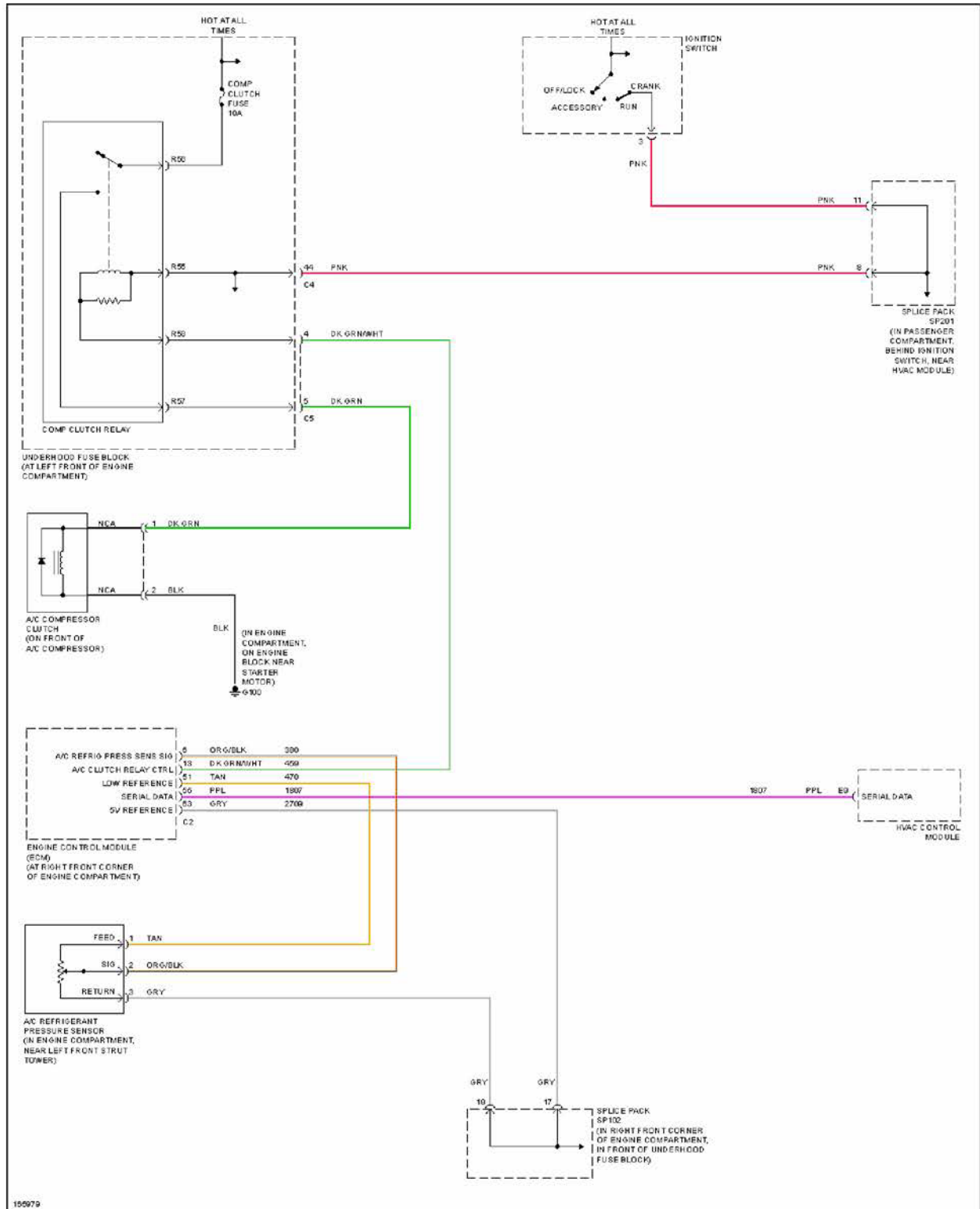


Fig. 4: Compressor Circuit

ANTI-LOCK BRAKES

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Fig. 5: Anti-lock Brakes Circuit (1 of 2)

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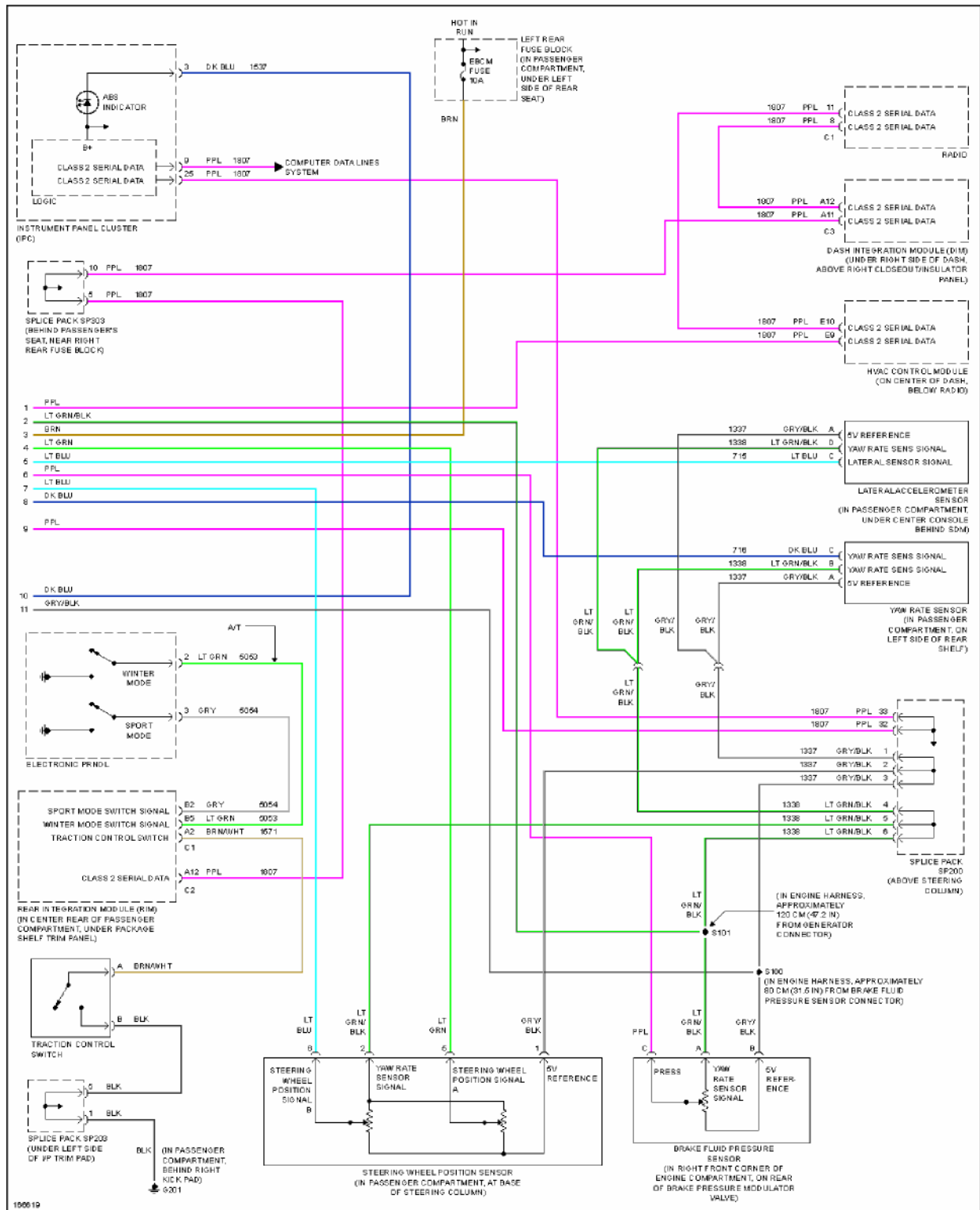


Fig. 6: Anti-lock Brakes Circuit (2 of 2)

ANTI-THEFT

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Fig. 7: Anti-theft Circuit (1 of 2)

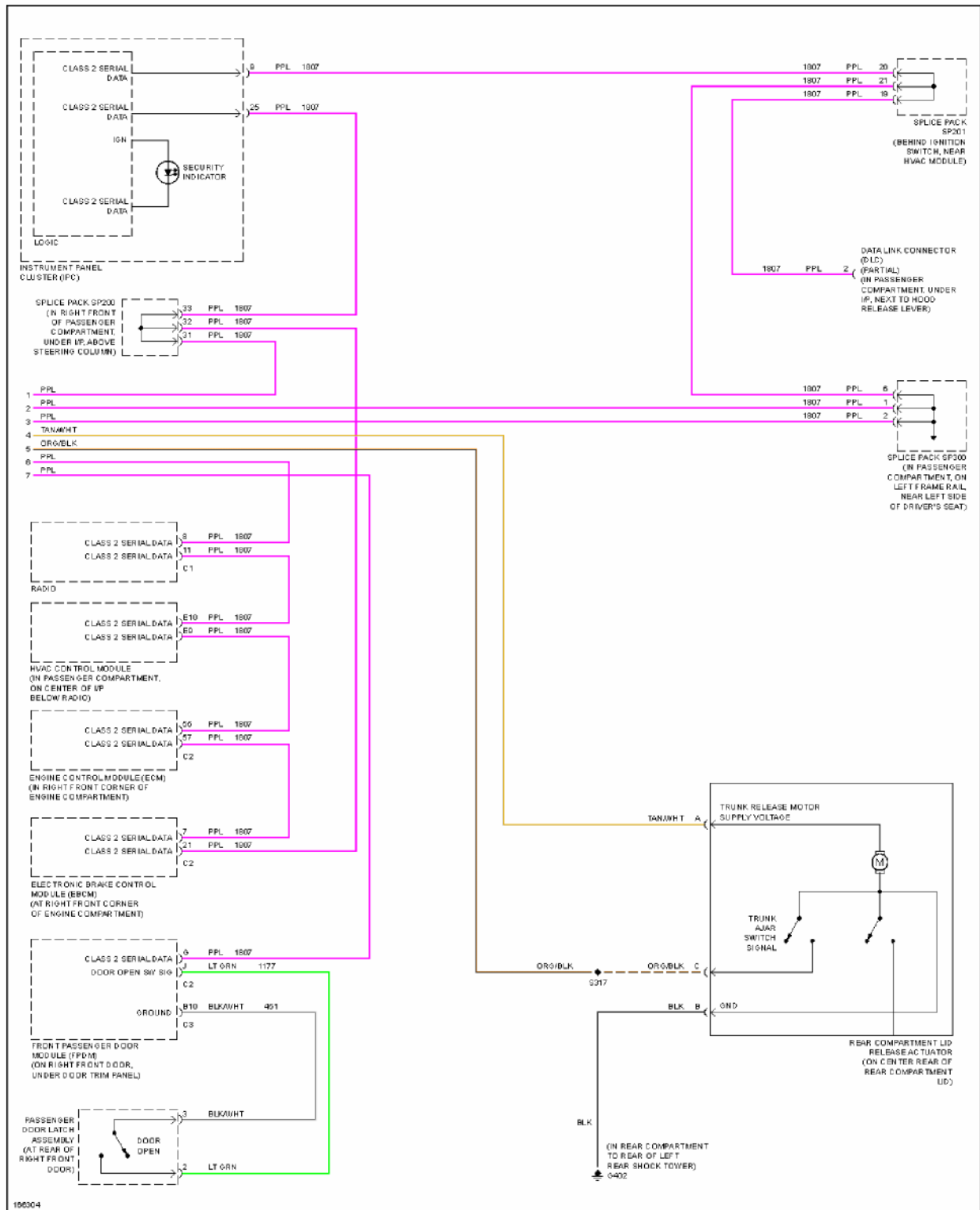


Fig. 8: Anti-theft Circuit (2 of 2)

BODY CONTROL MODULES

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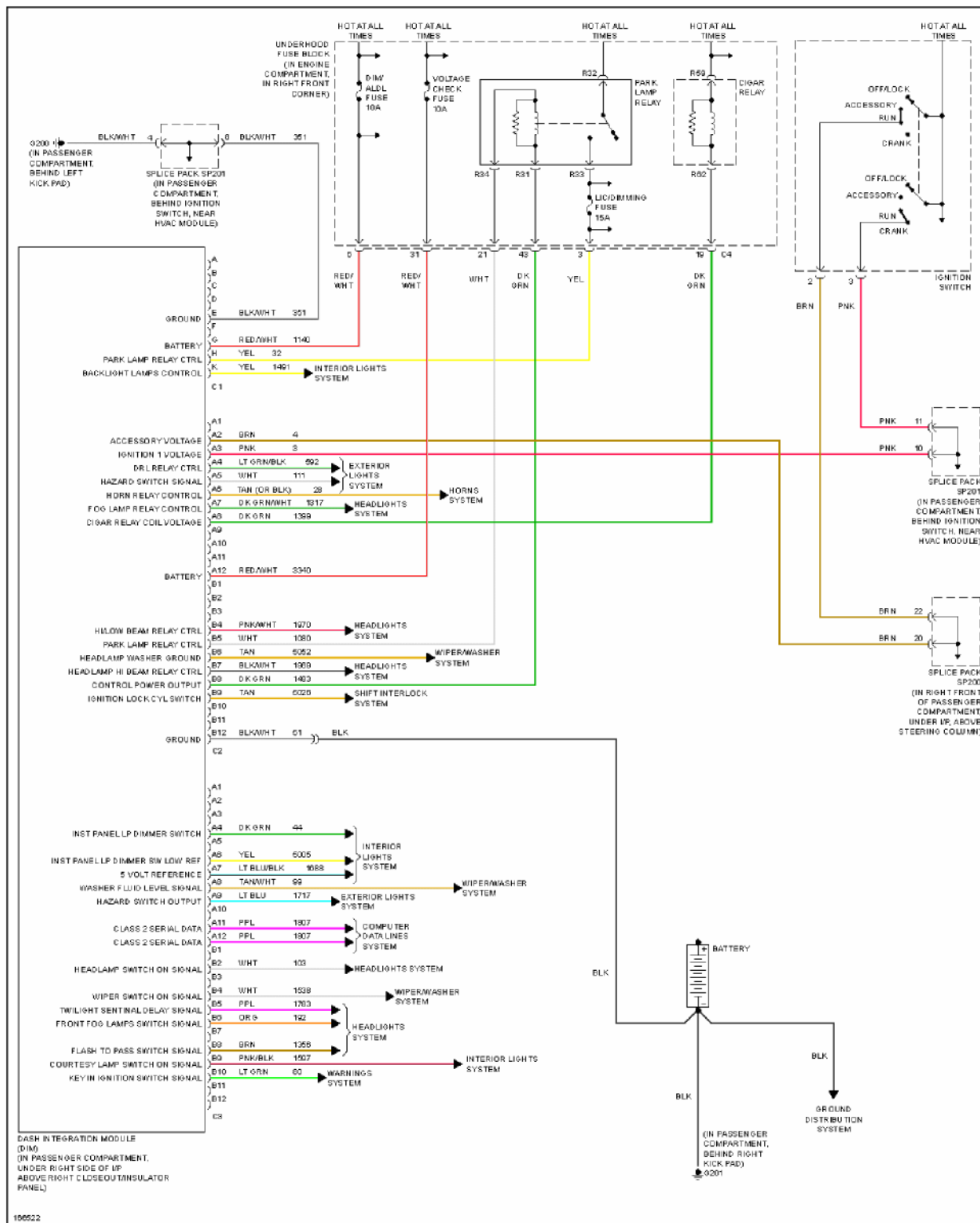


Fig. 9: Dash Integration Module Circuit

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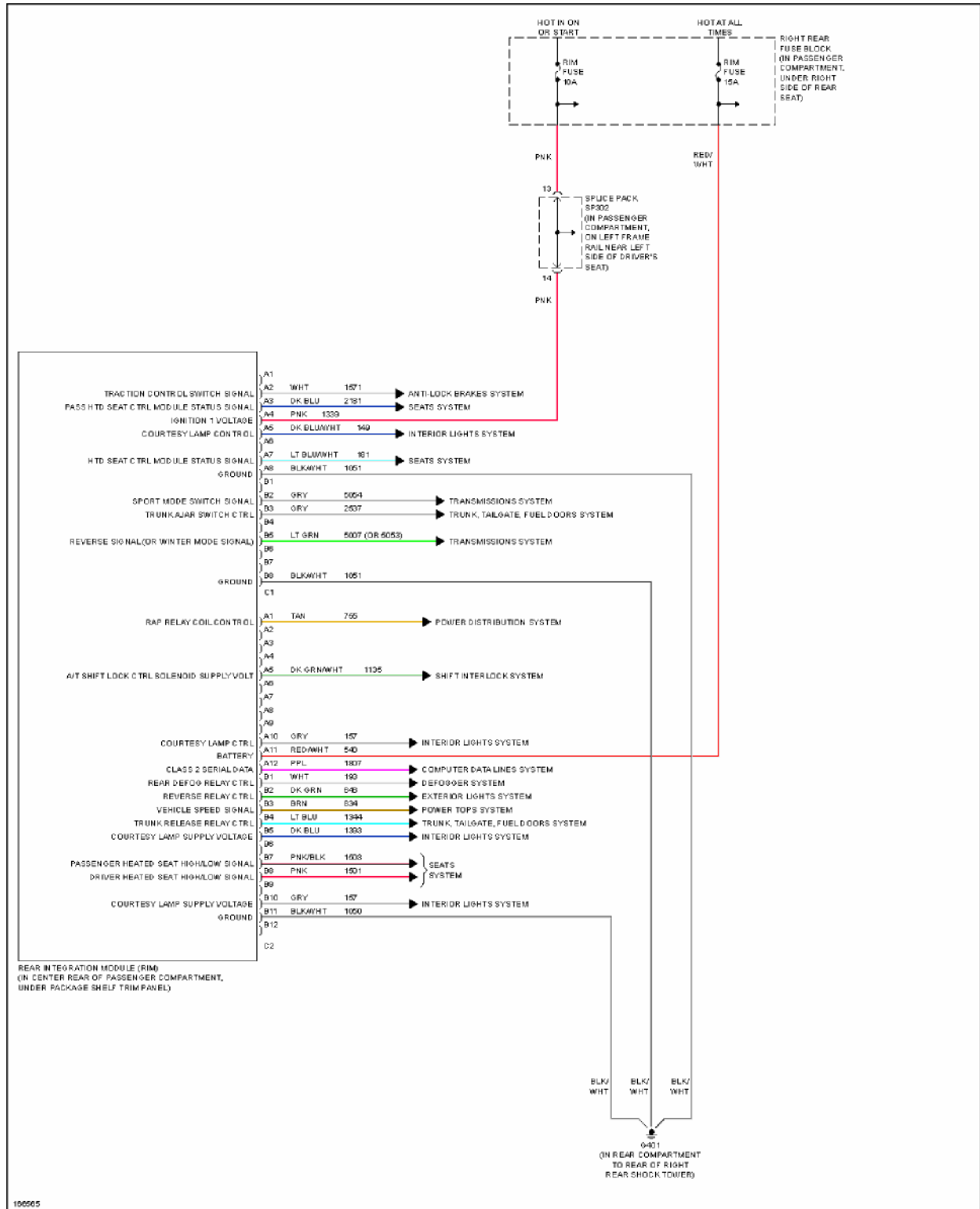


Fig. 10: Rear Integration Module Circuit

COMPUTER DATA LINES

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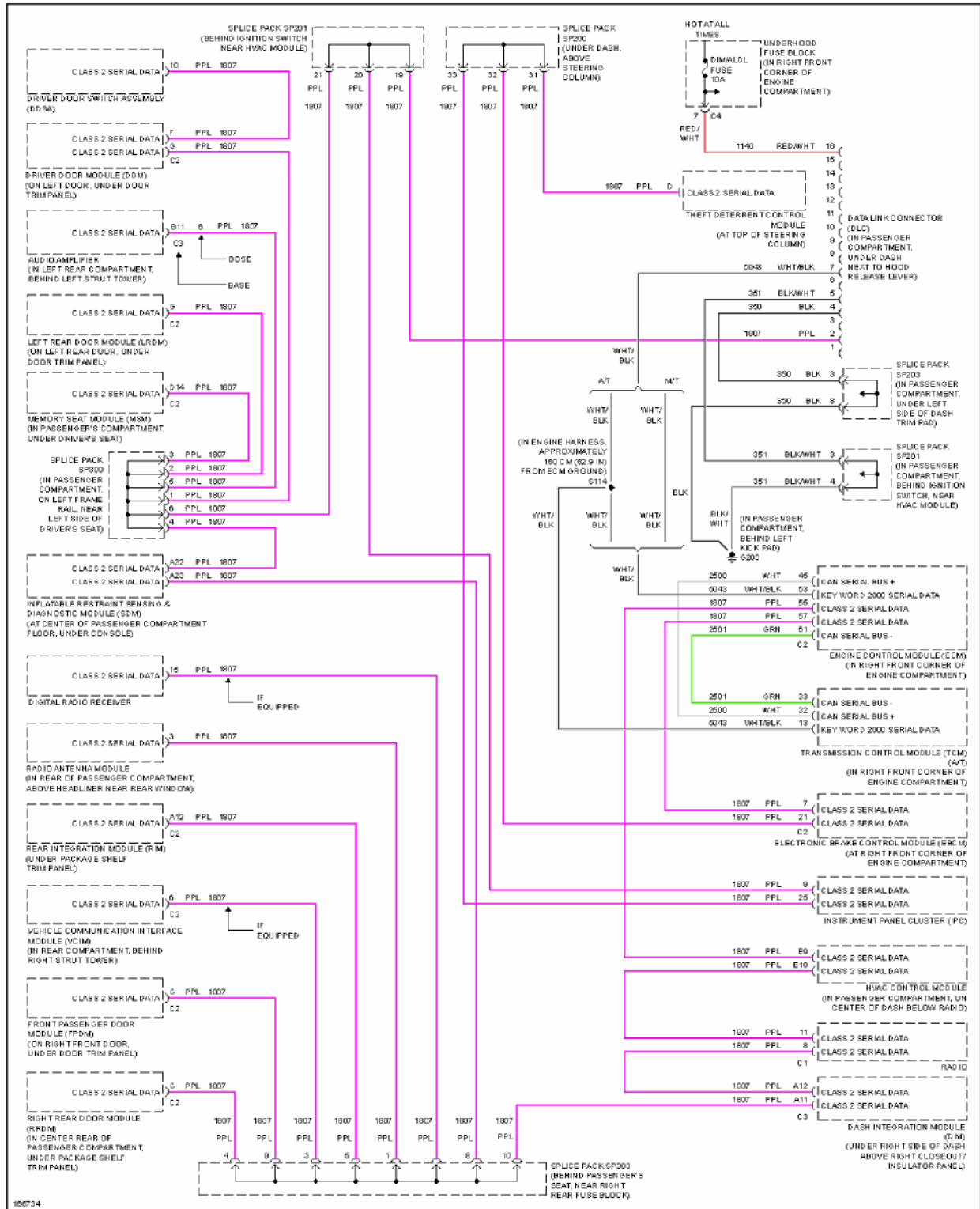


Fig. 11: Computer Data Lines Circuit

COOLING FAN

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CRUISE CONTROL

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DEFOGGERS

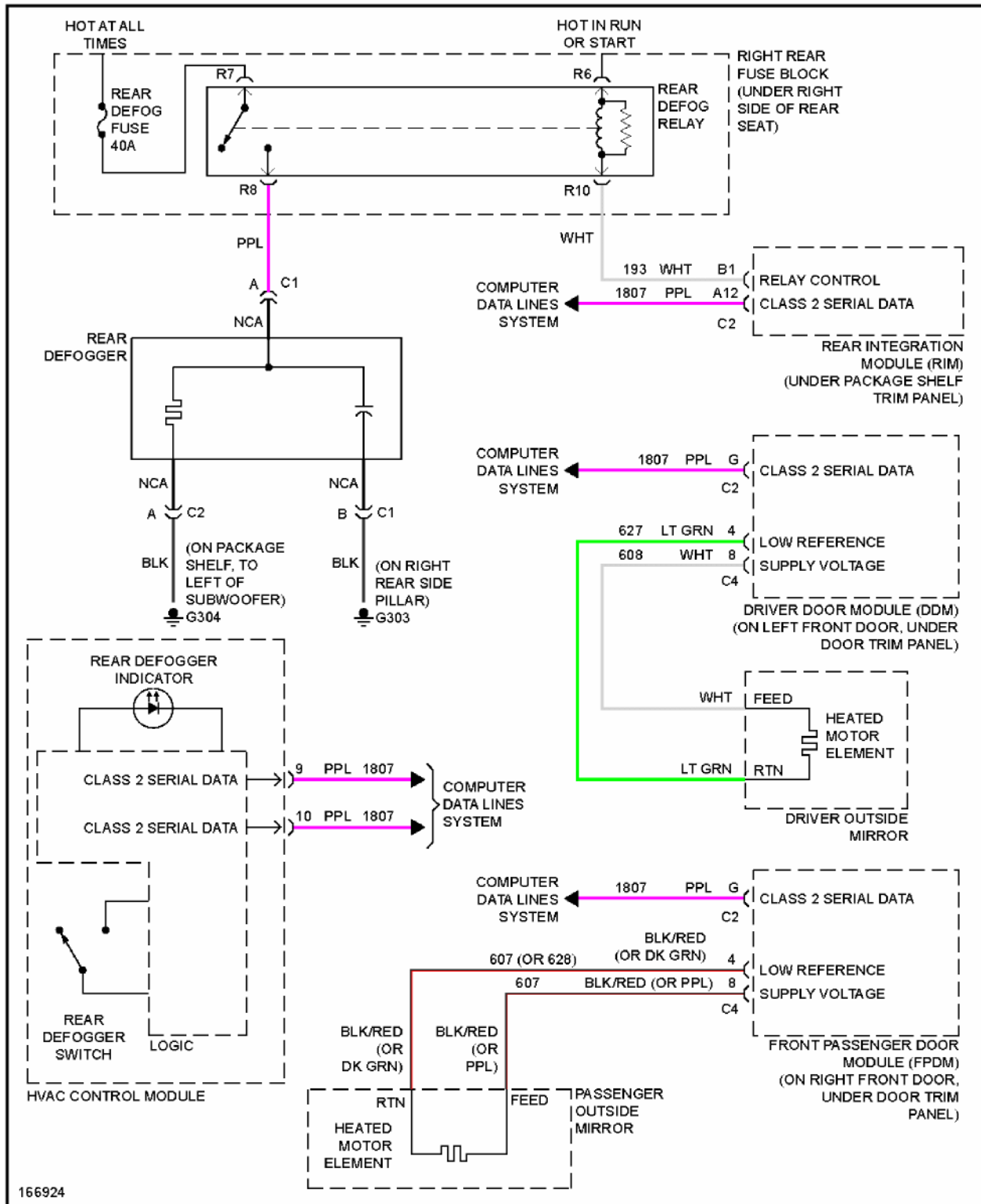


Fig. 14: Defoggers Circuit

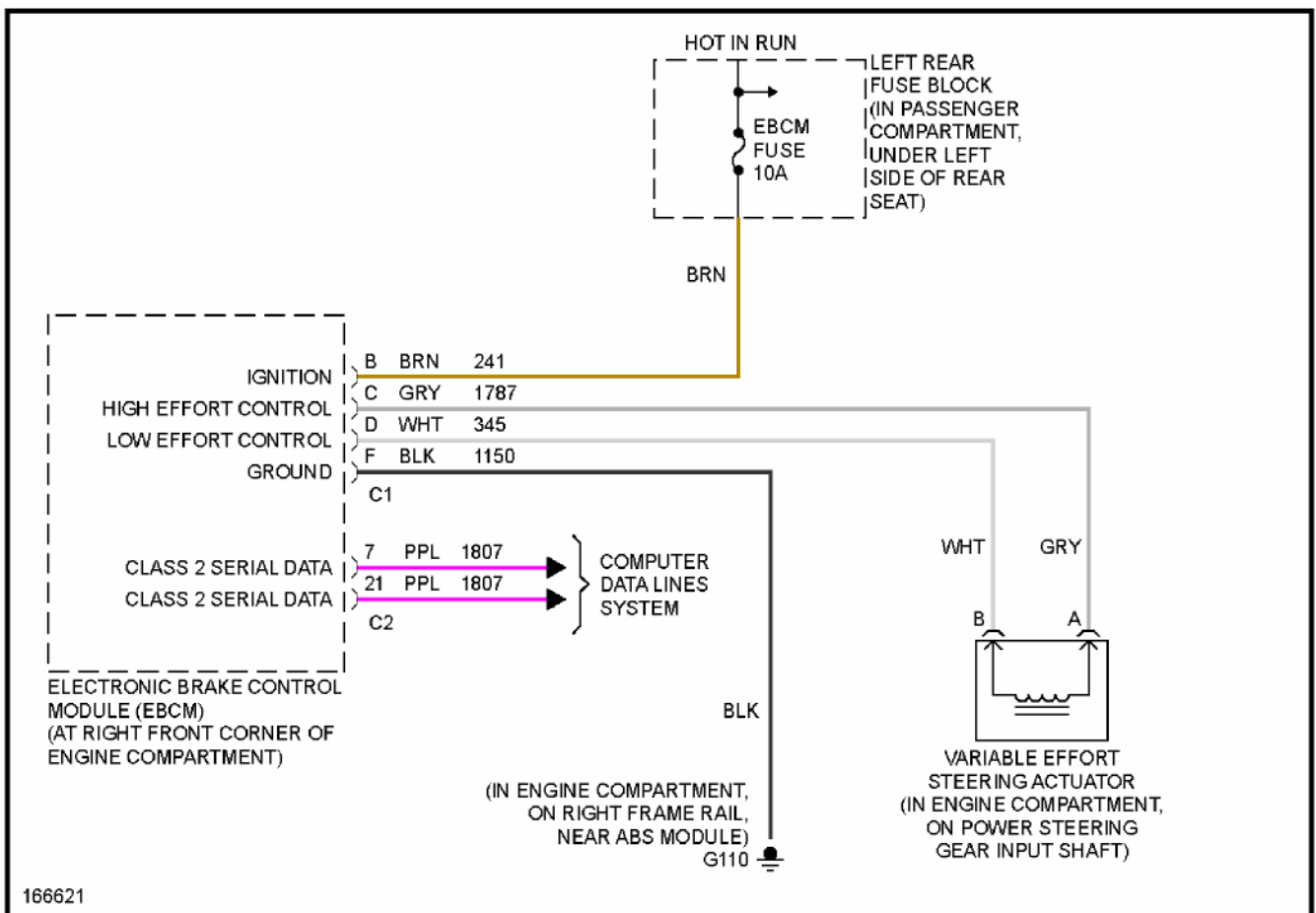


Fig. 15: Electronic Power Steering Circuit

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WIRE COLOR AND VIN LIST:

Wire Color	VIN
1 YEL	581
2 YEL	5038
3 PNK/BLK	1748
4 LT BLU/WHT	5041
5 DK GRN/WHT	428
6 TAN	407
7 TAN	1671
8 BRN/WHT	583
9 WHT/BLK	5039
10 TAN	1667
11 DK GRN	2125
12 LT BLU	2128
13 PPL	2121
14 BRN	582
15 PPL/WHT	5037
16 TAN	1744
17 TAN/WHT	545
18 BRN/WHT	379
19 DK BLU	480
20 PPL/WHT	1660
21 DK GRN	485
22 YEL	410
23 TAN	2701
24 PPL/WHT	1665
25 TAN/BLK	281
26 ORN/WHT	2122
27 DK GRN/WHT	2124
28 LT BLU/WHT	2126
29 YEL	581
30 PPL	5035
31 LT GRN/BLK	1745
32 YEL/BLK	540
33 LT BLU	1676
34 PPL	1670
35 PPL	480
36 TAN	2752
37 PPL	1666
38 BRN	582
39 LT BLU	5038
40 TAN	2750
41 LT BLU/BLK	544
42 PPL/BLK	5042
43 GRN	1716
44 TAN/WHT	1660
45 YEL	482
46 TAN	472
47 GRN	2701
48 PPL/WHT	5024
49 TAN/WHT	1653
50 BLK	1705

COMPONENTS AND CONNECTIONS:

- ELECTRONIC IGNITION MODULE (BANK 1):** Connected to Spark Plugs 1-4.
- ELECTRONIC IGNITION MODULE (BANK 2):** Connected to Spark Plugs 5-8.
- FUEL INJECTORS:** Connected to Fuel Lines 1-8.
- HEATED OXYGEN SENSOR BANK 1:** Connected to Sensors 1-4.
- HEATED OXYGEN SENSOR BANK 2:** Connected to Sensors 5-8.
- MASS AIRFLOW SENSOR:** Connected to Air Filter.
- KNOCK SENSOR (BANK 1):** Connected to Engine Block.
- KNOCK SENSOR (BANK 2):** Connected to Engine Block.
- CRANKSHAFT POSITION SENSOR:** Connected to Crankshaft.

Fig. 16: 3.2L VIN N, Engine Performance Circuit (1 of 3)

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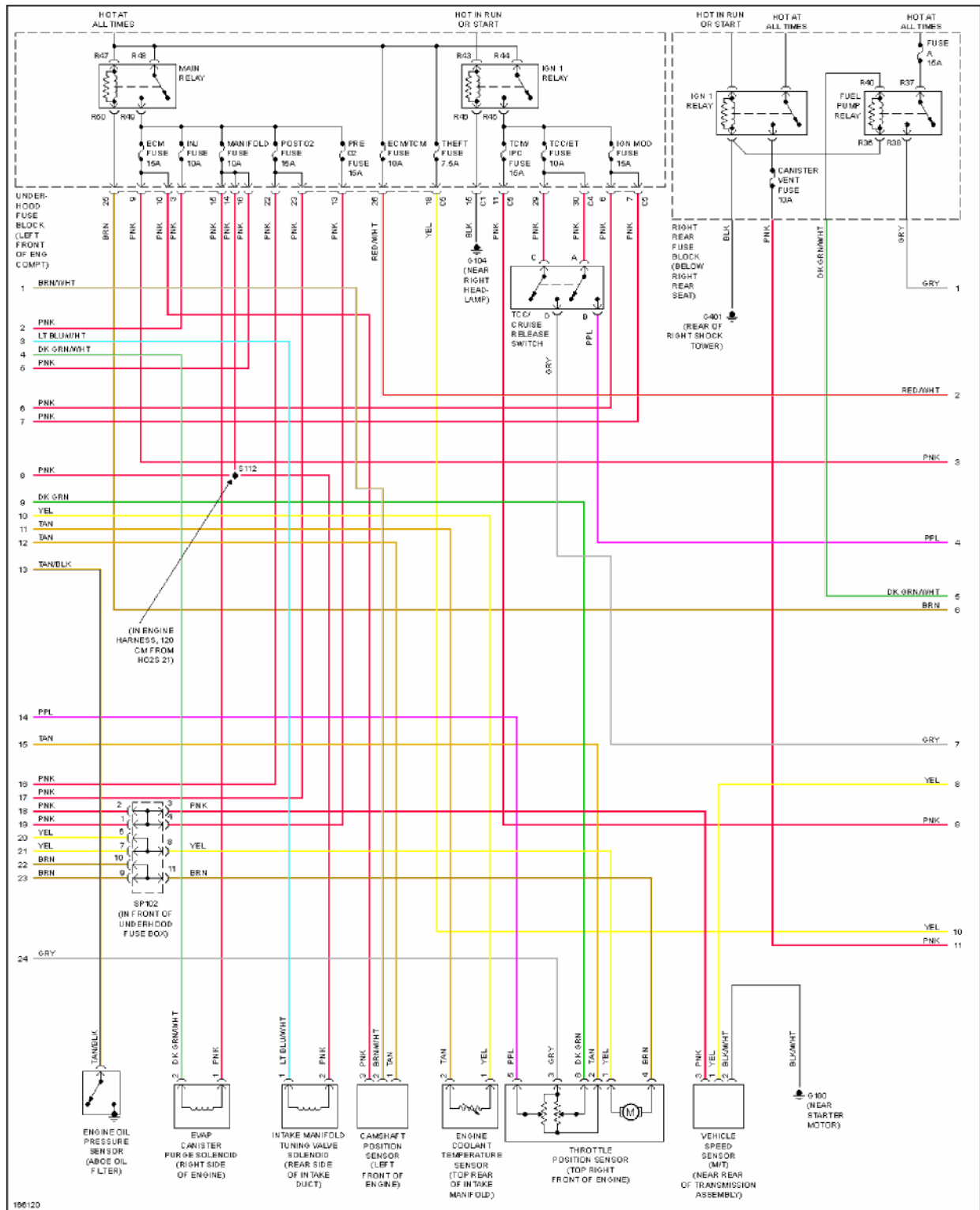


Fig. 17: 3.2L VIN N, Engine Performance Circuit (2 of 3)

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EXTERIOR LIGHTS

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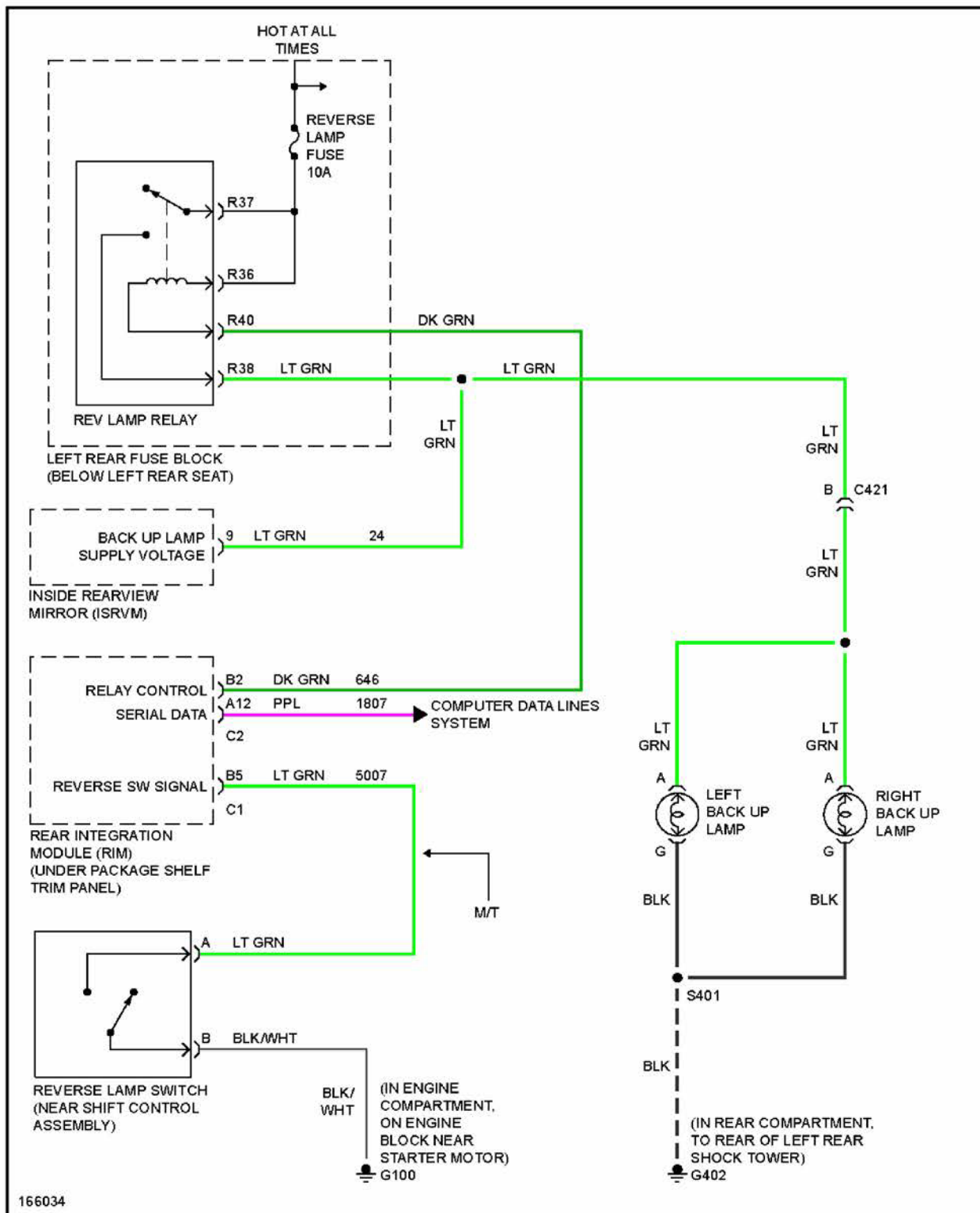


Fig. 19: Back-up Lamps Circuit

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Fig. 20: Exterior Lamps Circuit (1 of 2)

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GROUND DISTRIBUTION

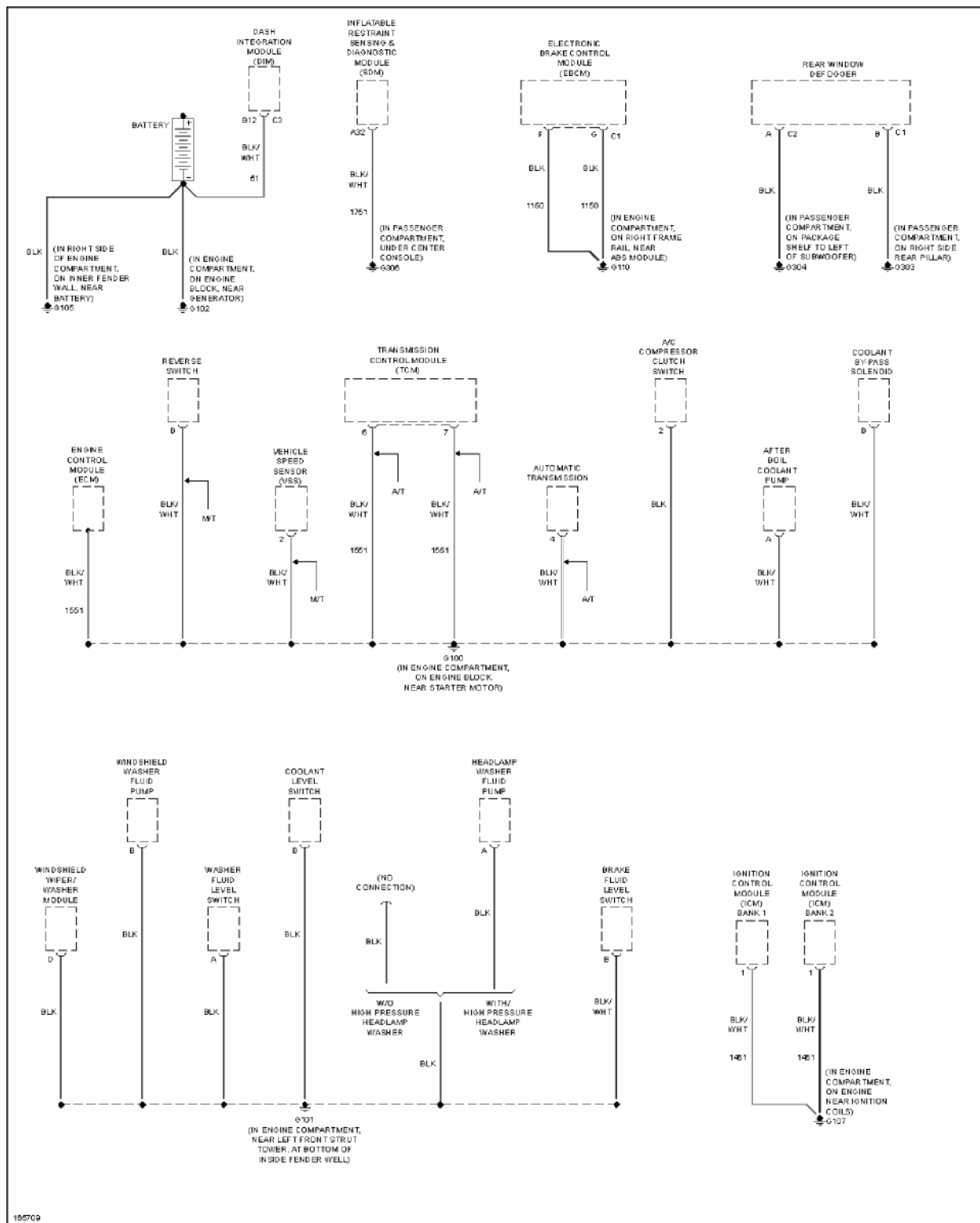


Fig. 22: Ground Distribution Circuit (1 of 4)

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Fig. 23: Ground Distribution Circuit (2 of 4)

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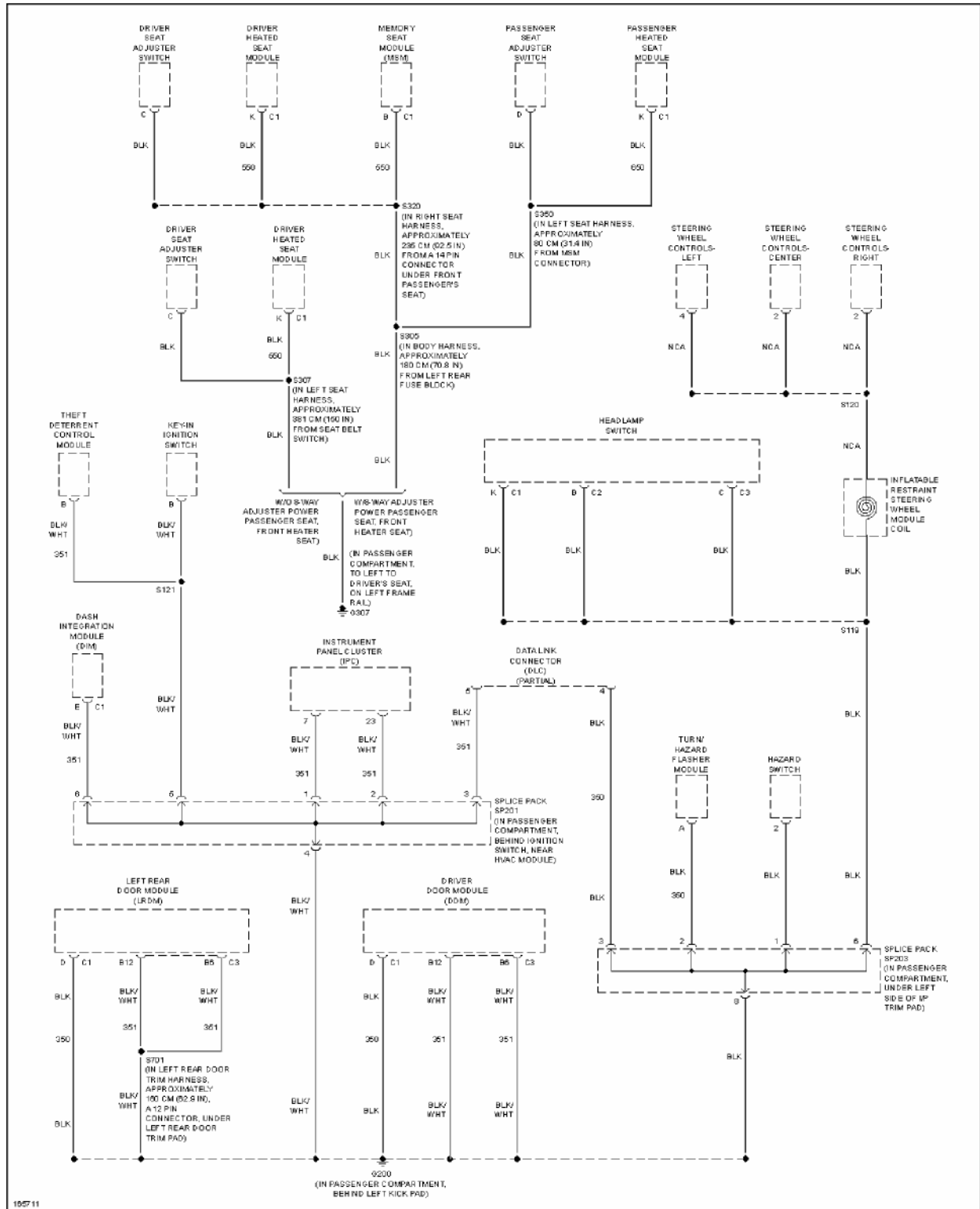


Fig. 24: Ground Distribution Circuit (3 of 4)

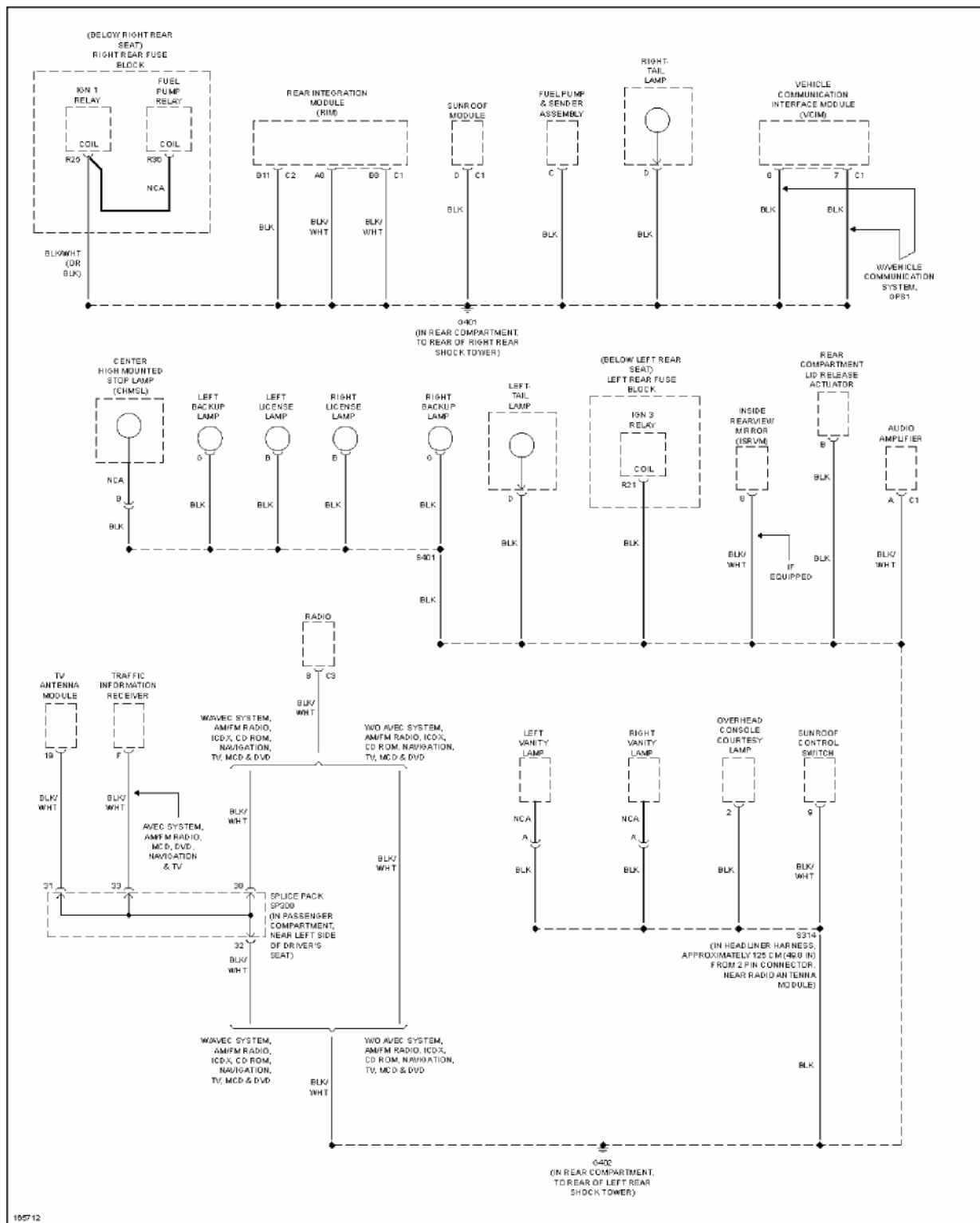


Fig. 25: Ground Distribution Circuit (4 of 4)

HEADLIGHTS

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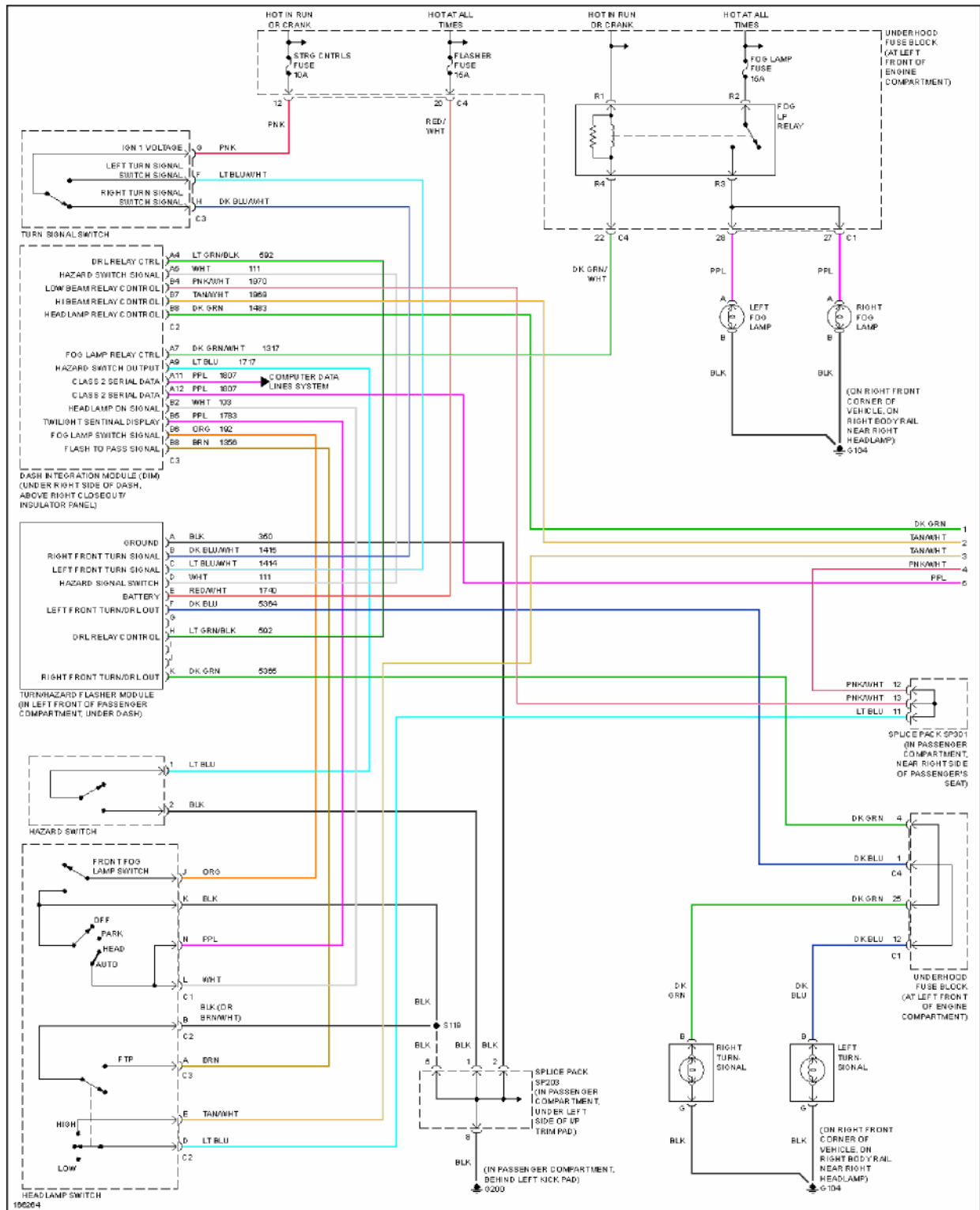


Fig. 26: Headlights Circuit (1 of 2)

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HORN

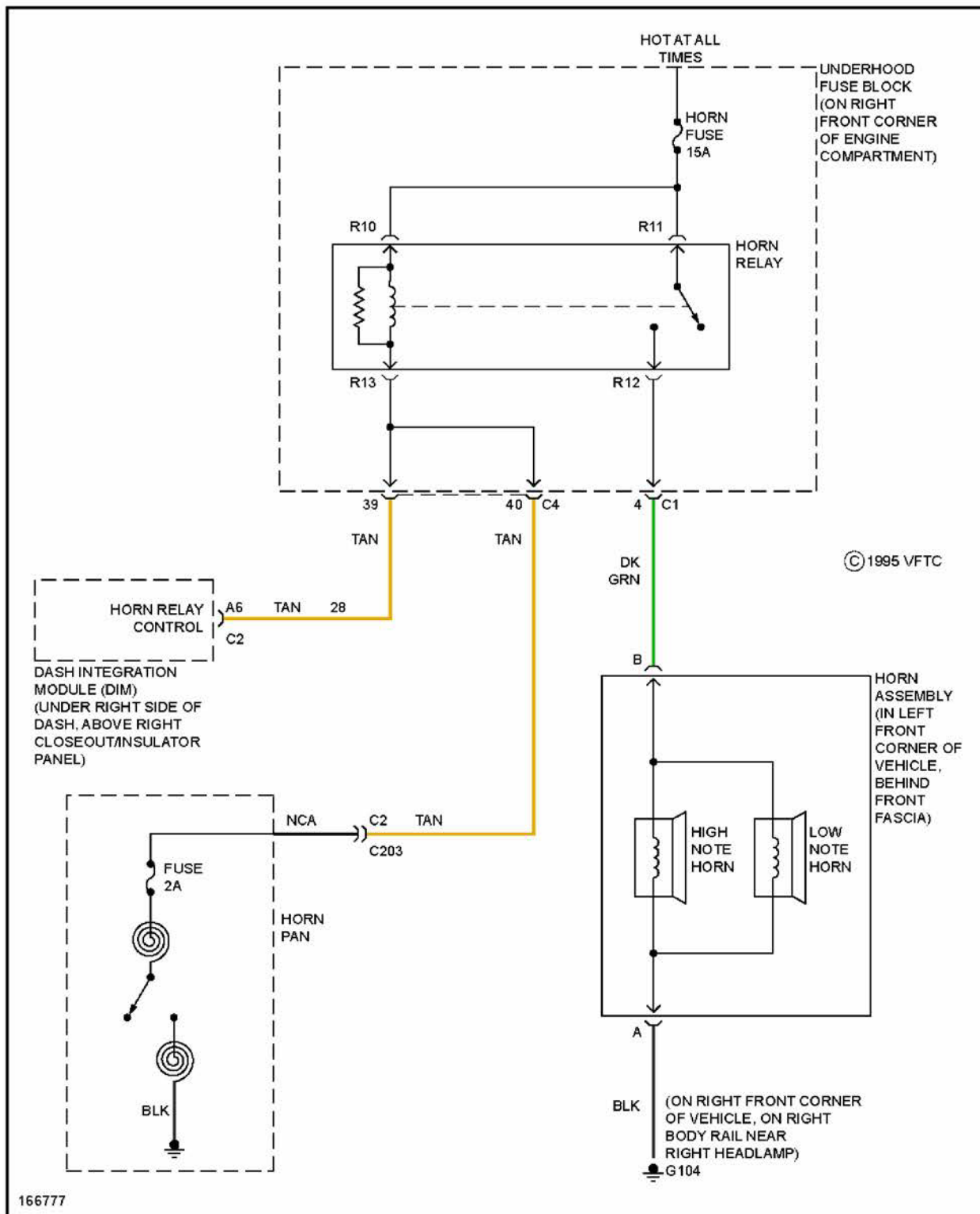


Fig. 28: Horn Circuit

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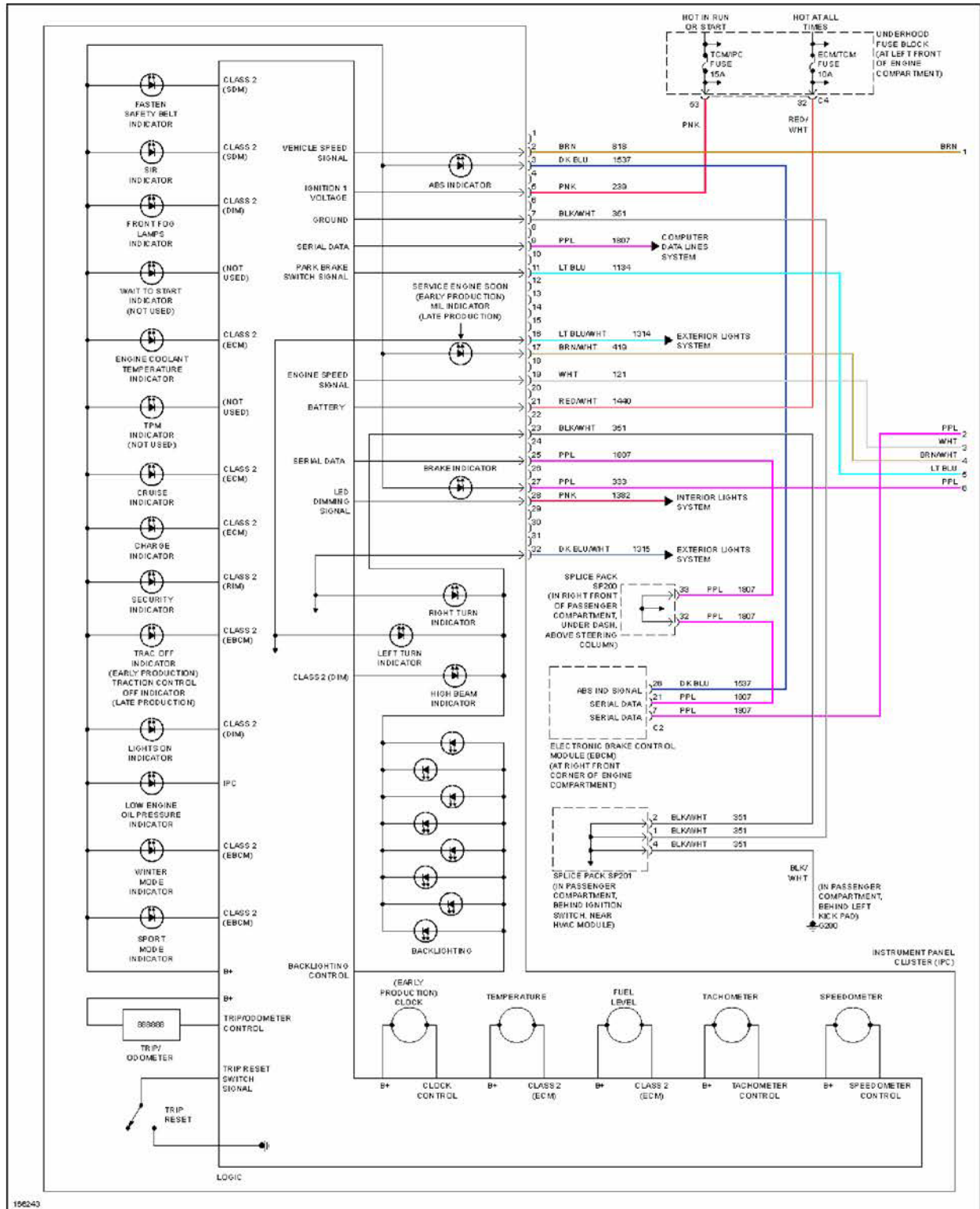


Fig. 29: Instrument Cluster Circuit (1 of 2)

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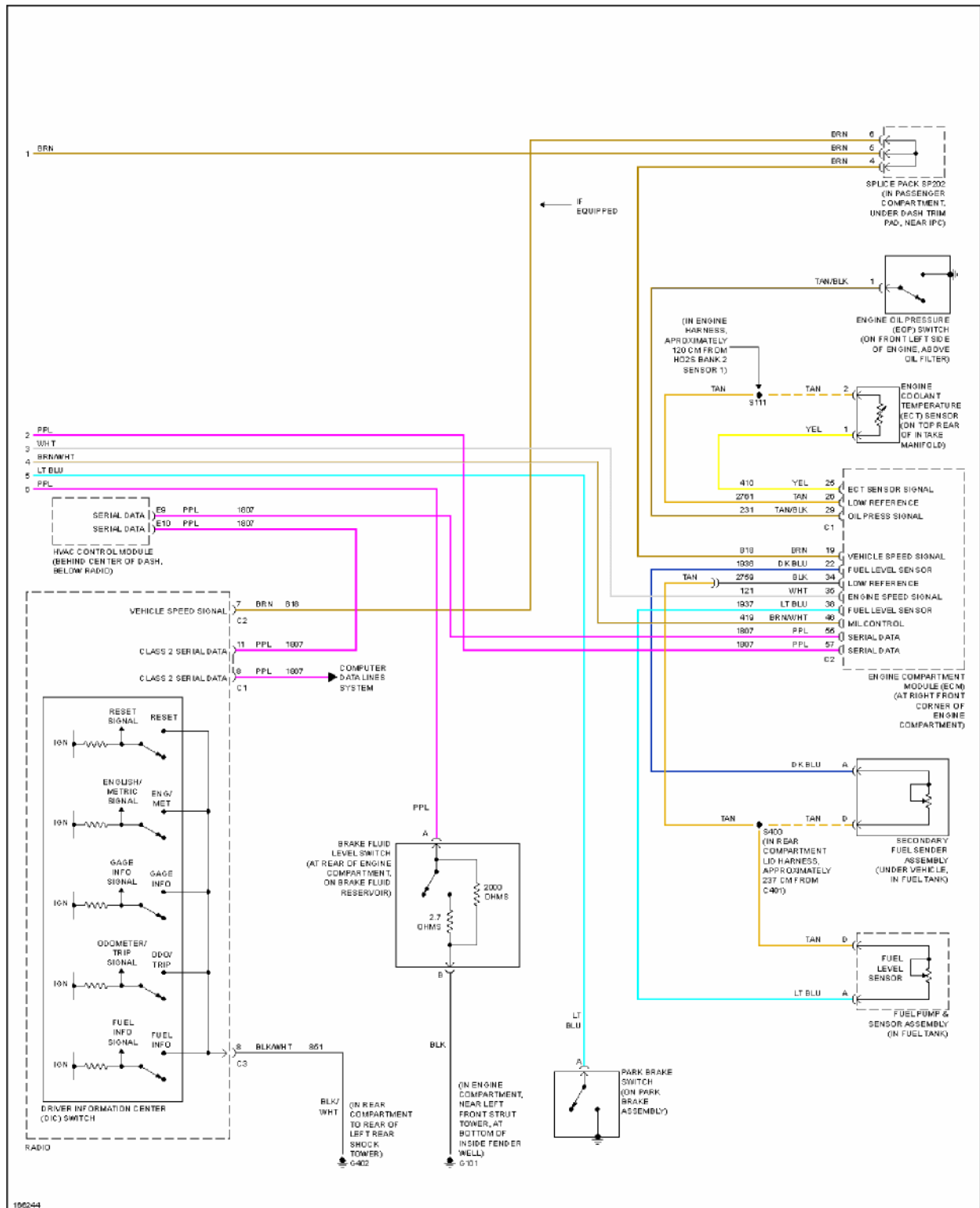


Fig. 30: Instrument Cluster Circuit (2 of 2)

INTERIOR LIGHTS

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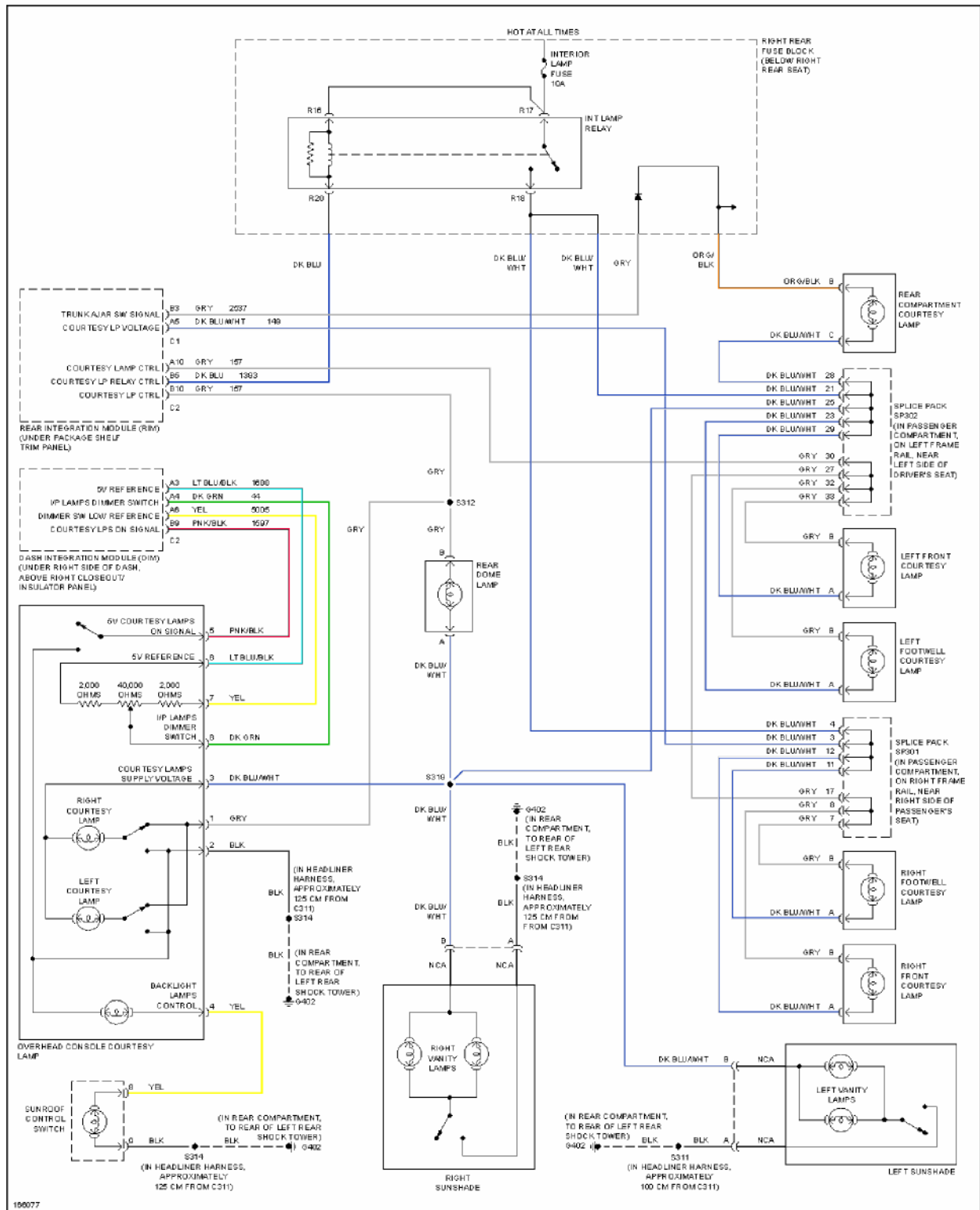


Fig. 31: Courtesy Lamps Circuit

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Fig. 32: Instrument Illumination Circuit (1 of 2)

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MEMORY SYSTEMS

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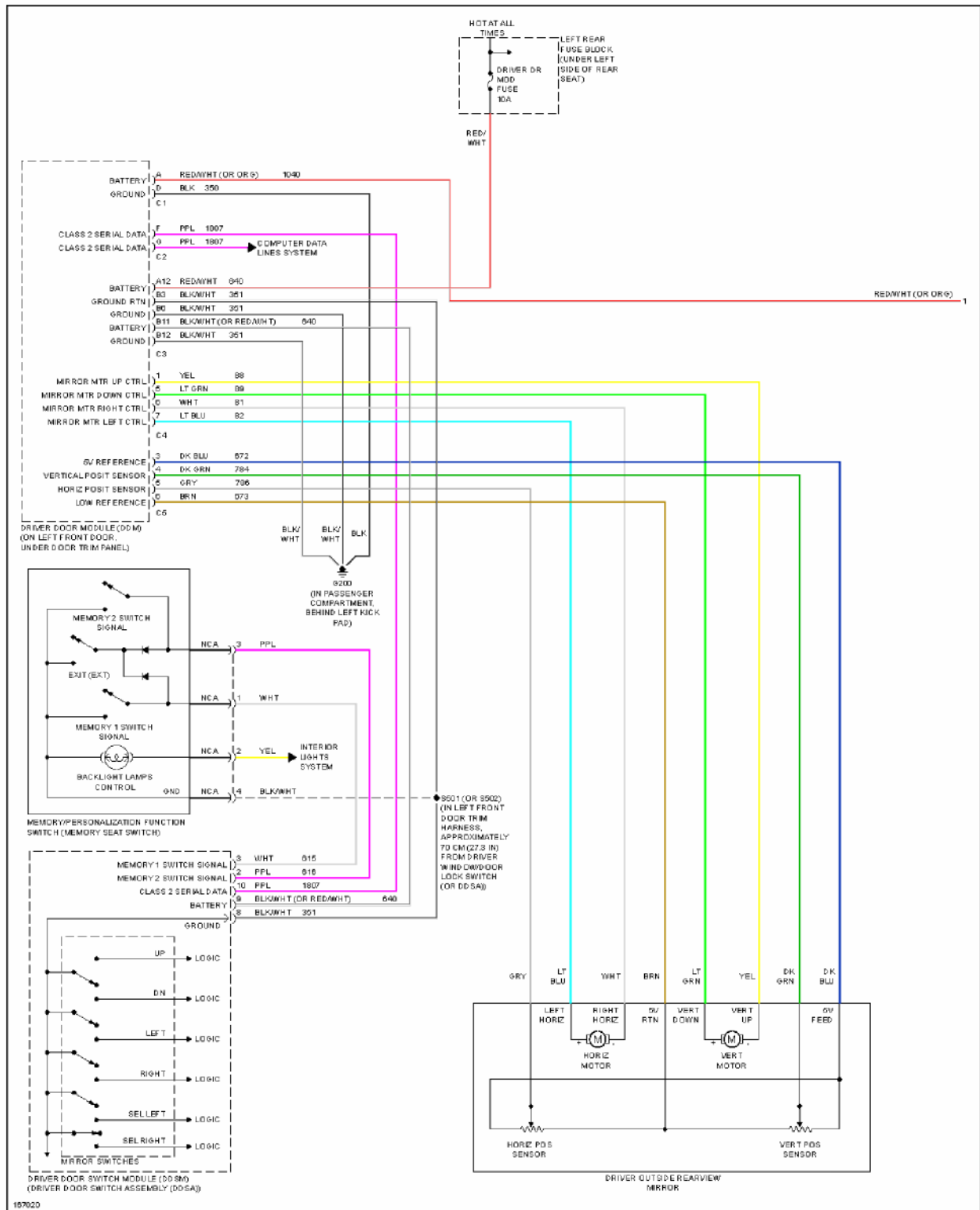


Fig. 34: Memory Mirrors Circuit (1 of 2)

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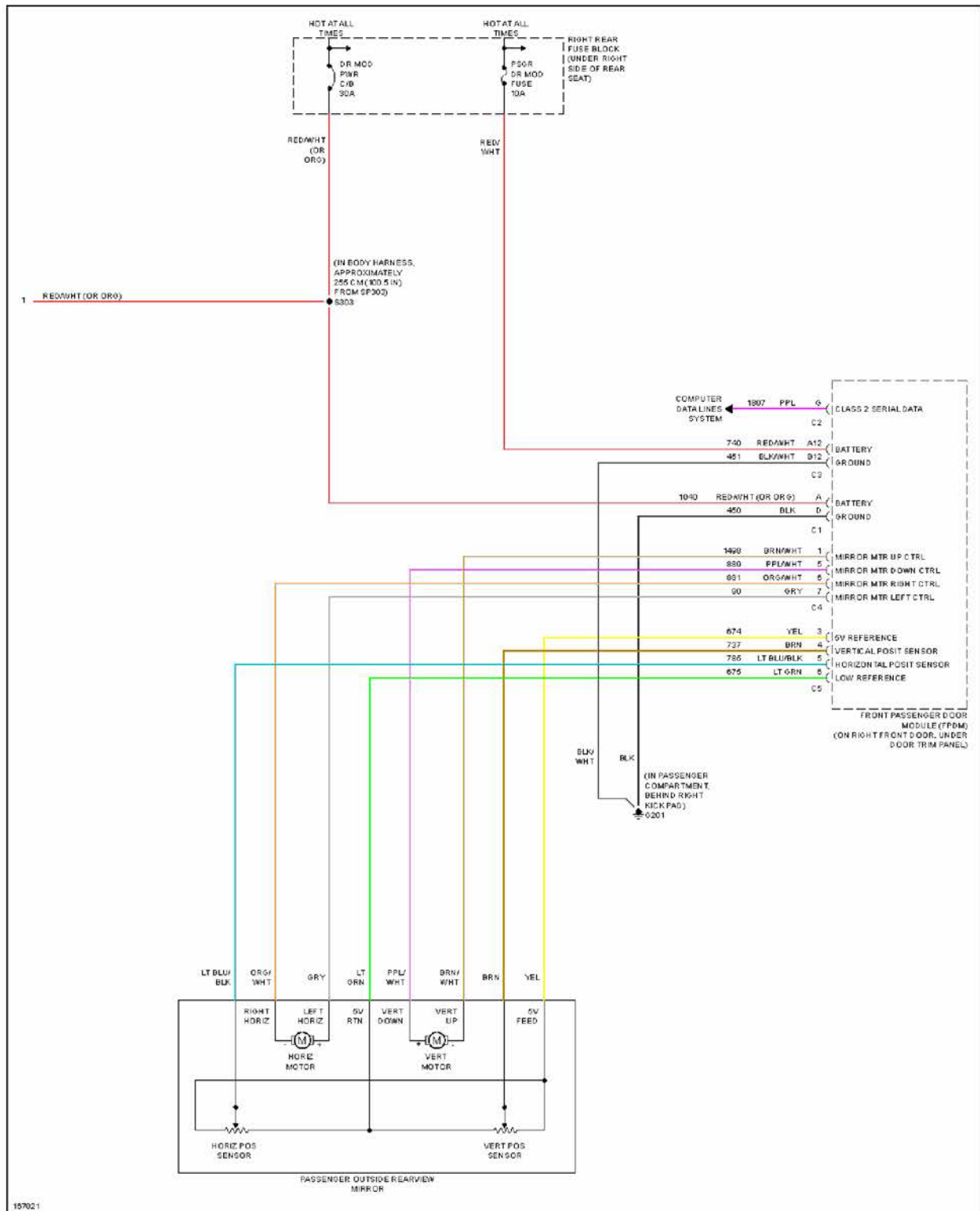


Fig. 35: Memory Mirrors Circuit (2 of 2)

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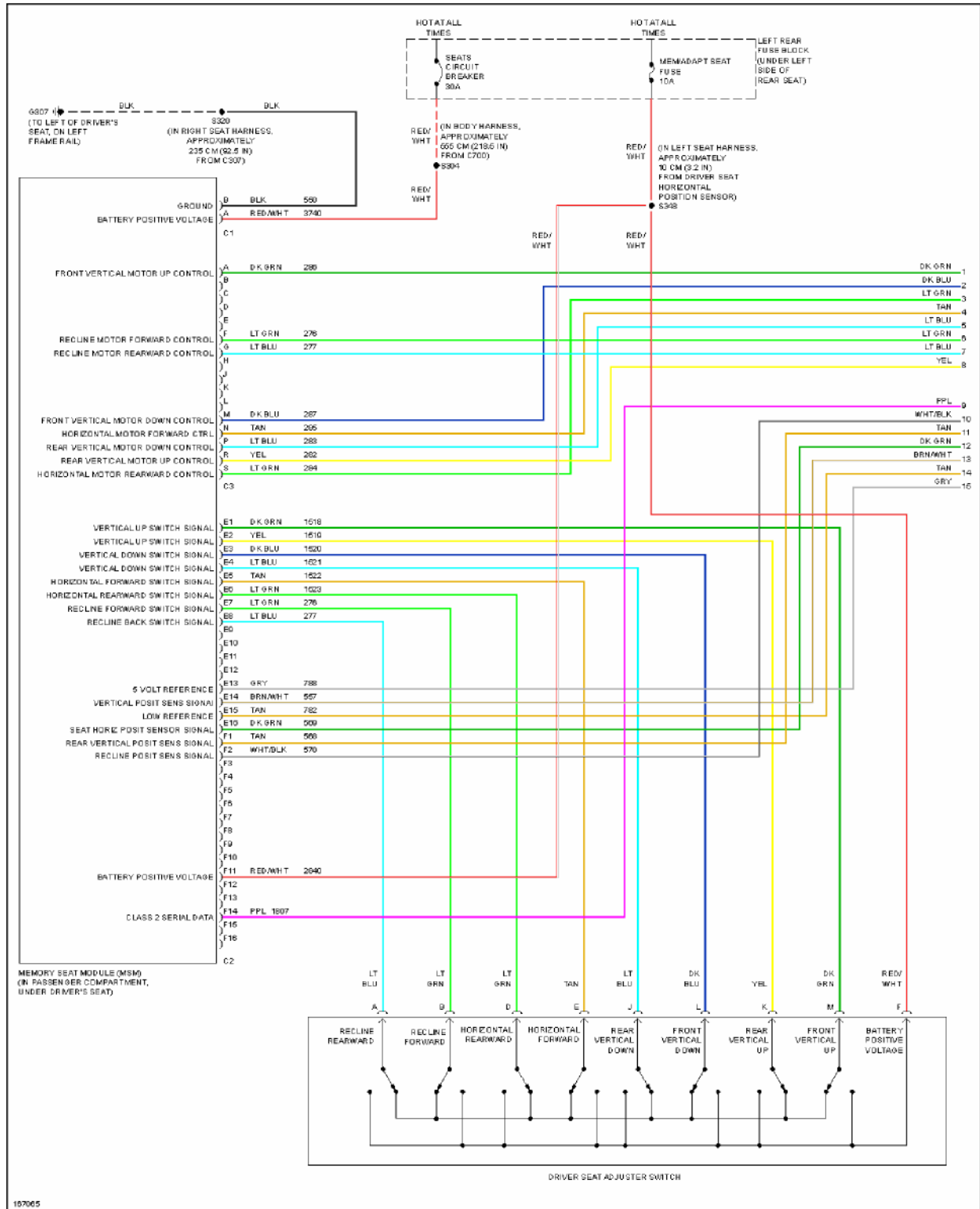


Fig. 36: Memory Seat Circuit (1 of 2)

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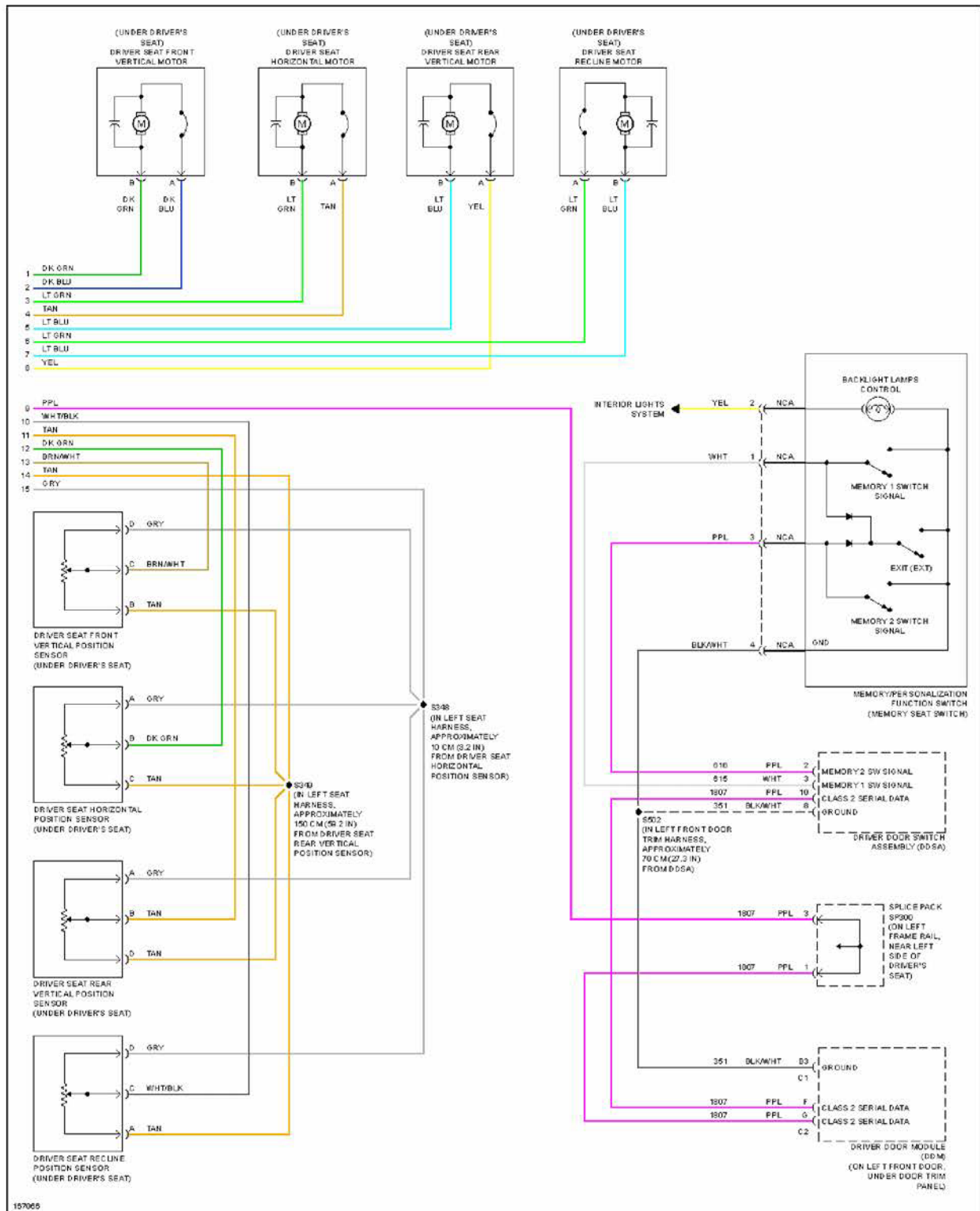


Fig. 37: Memory Seat Circuit (2 of 2)

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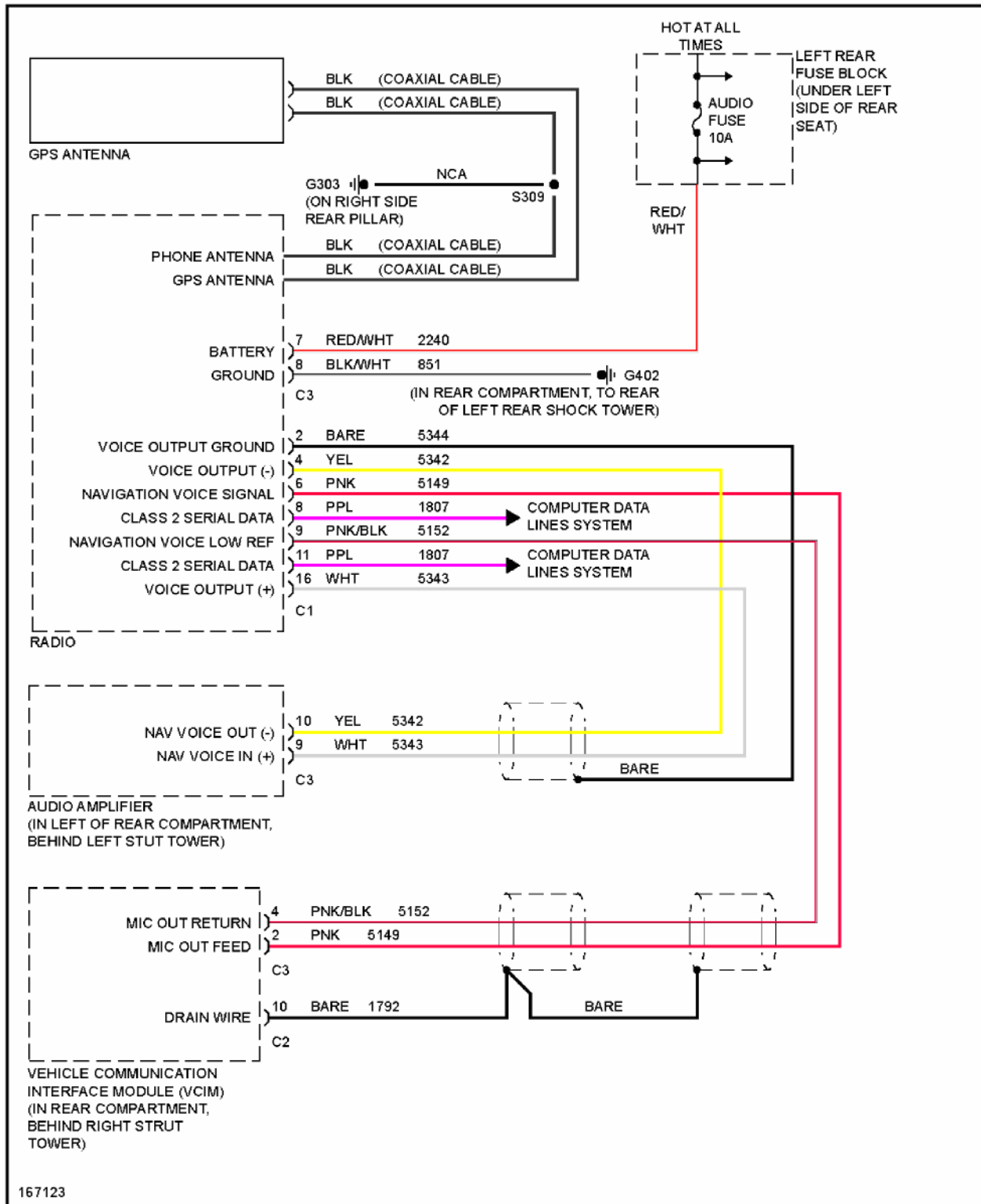


Fig. 38: Navigation Circuit

POWER DISTRIBUTION

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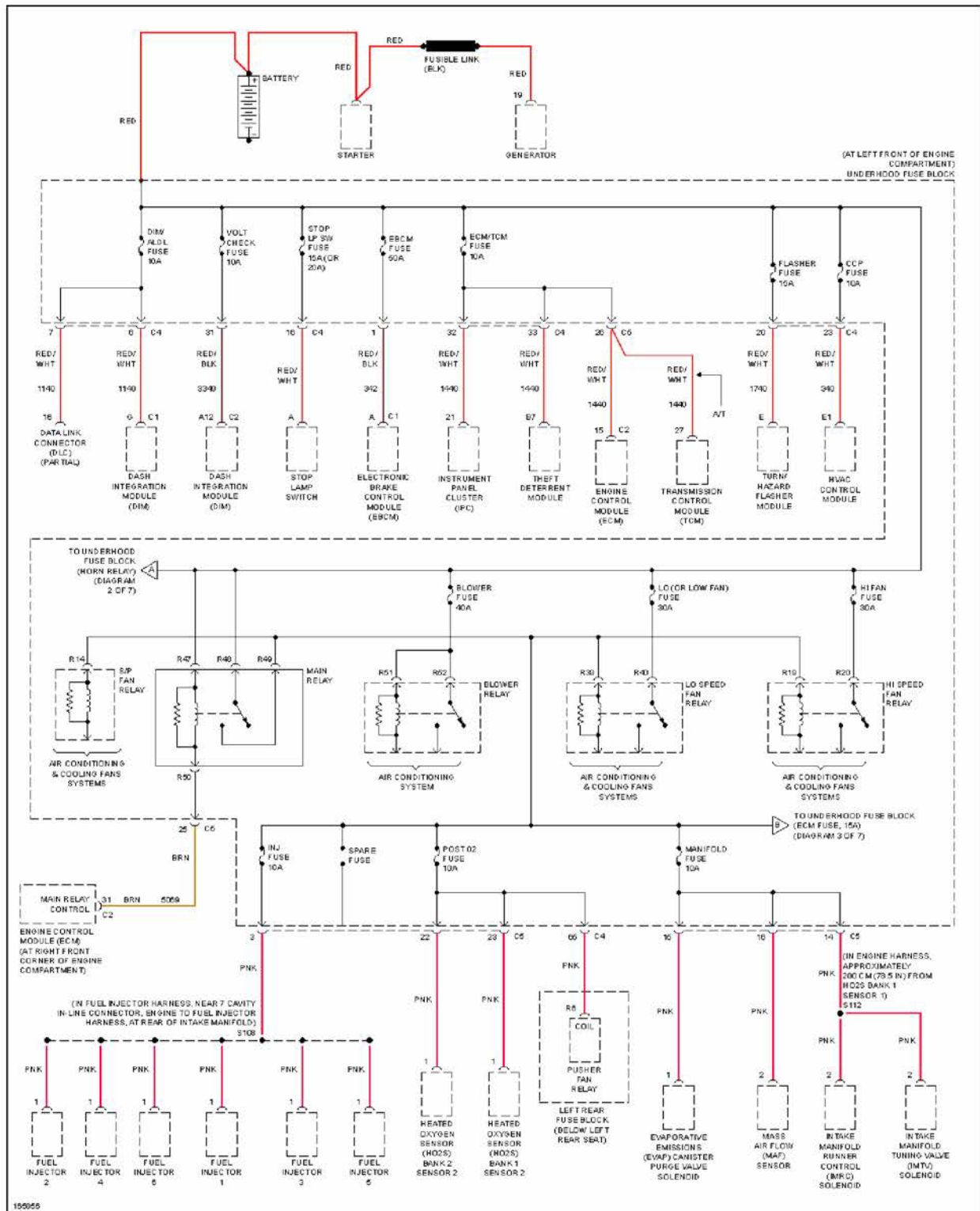


Fig. 39: Power Distribution Circuit (1 of 7)

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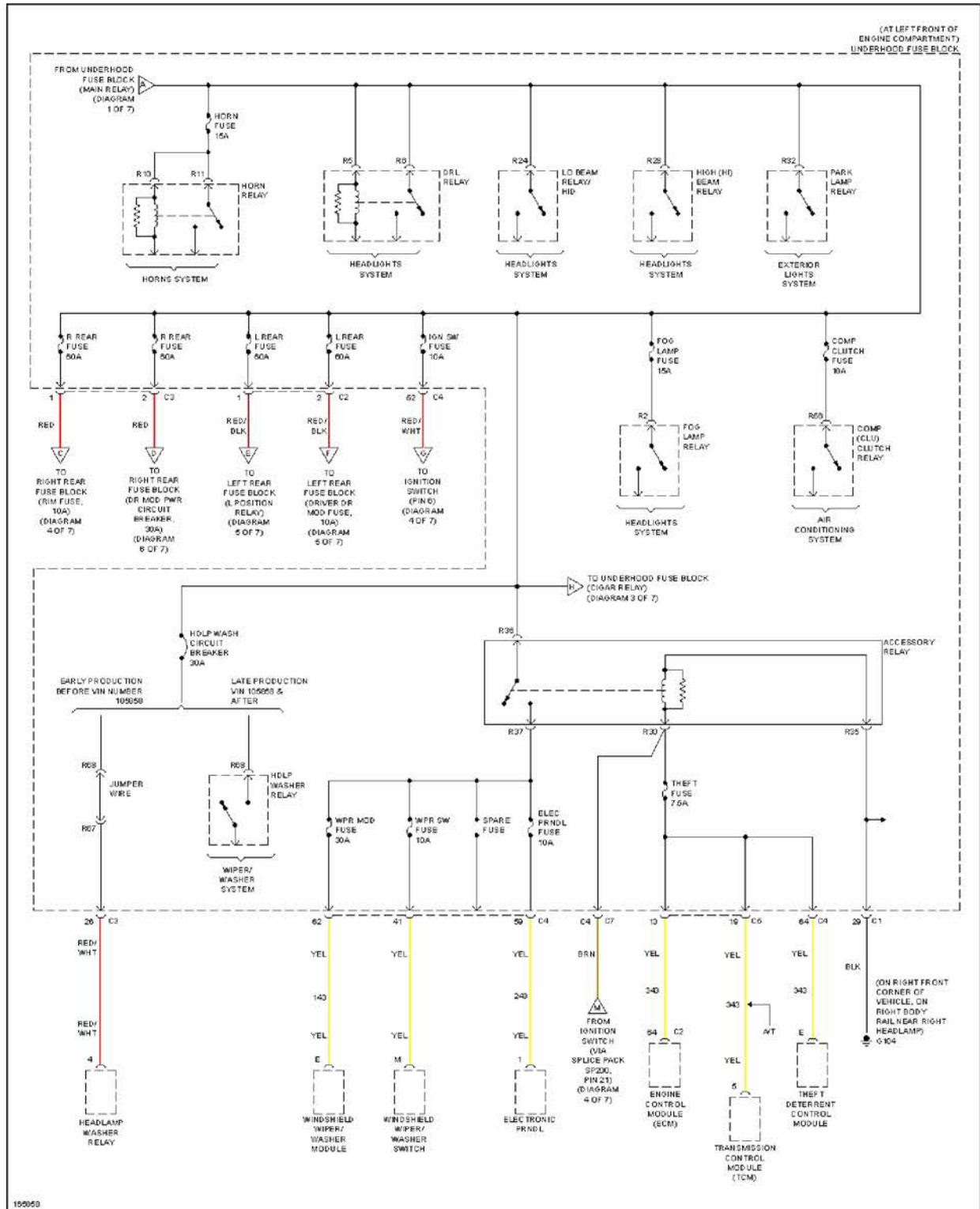
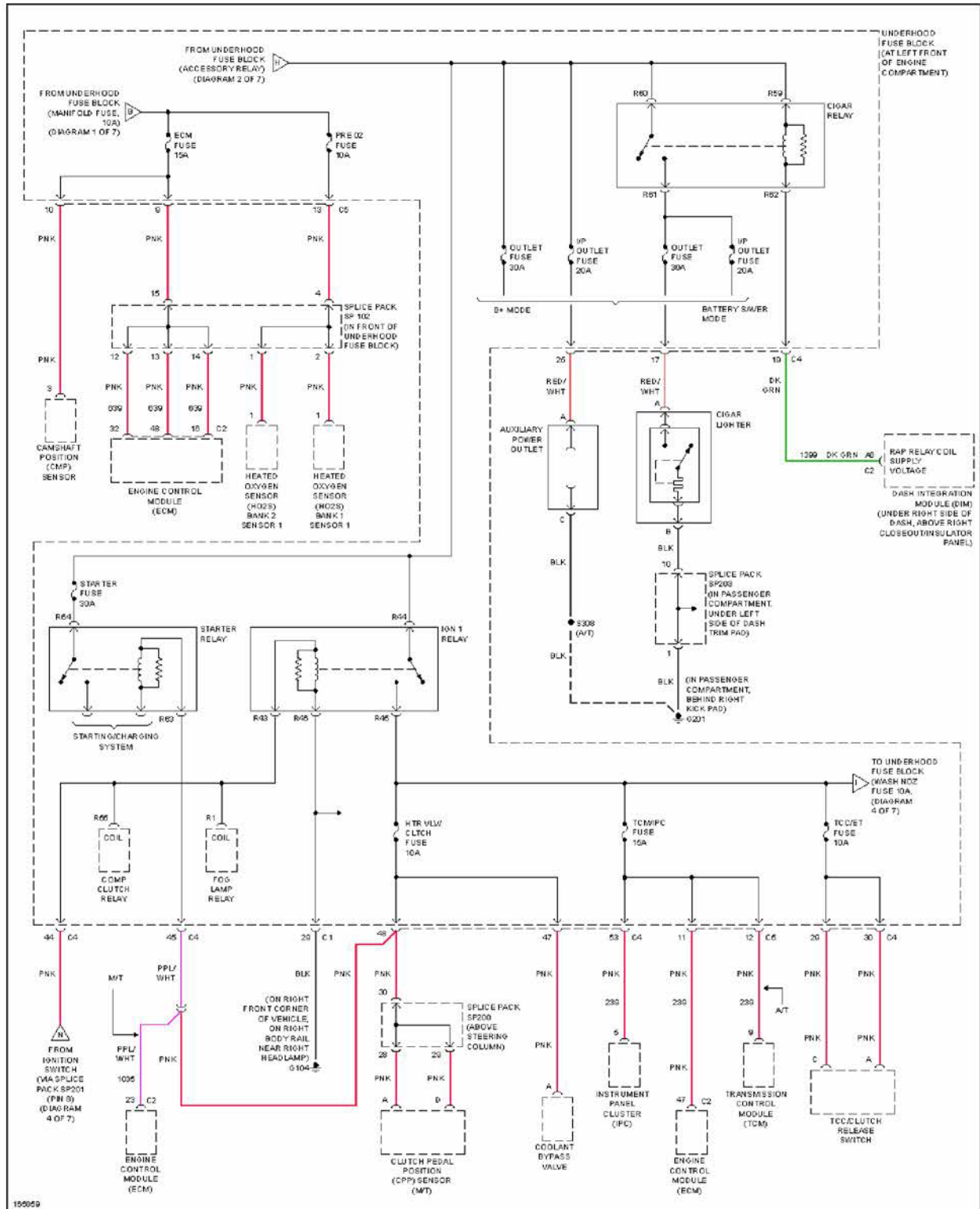


Fig. 40: Power Distribution Circuit (2 of 7)

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SYSTEM WIRING DIAGRAMS Cadillac - CTS

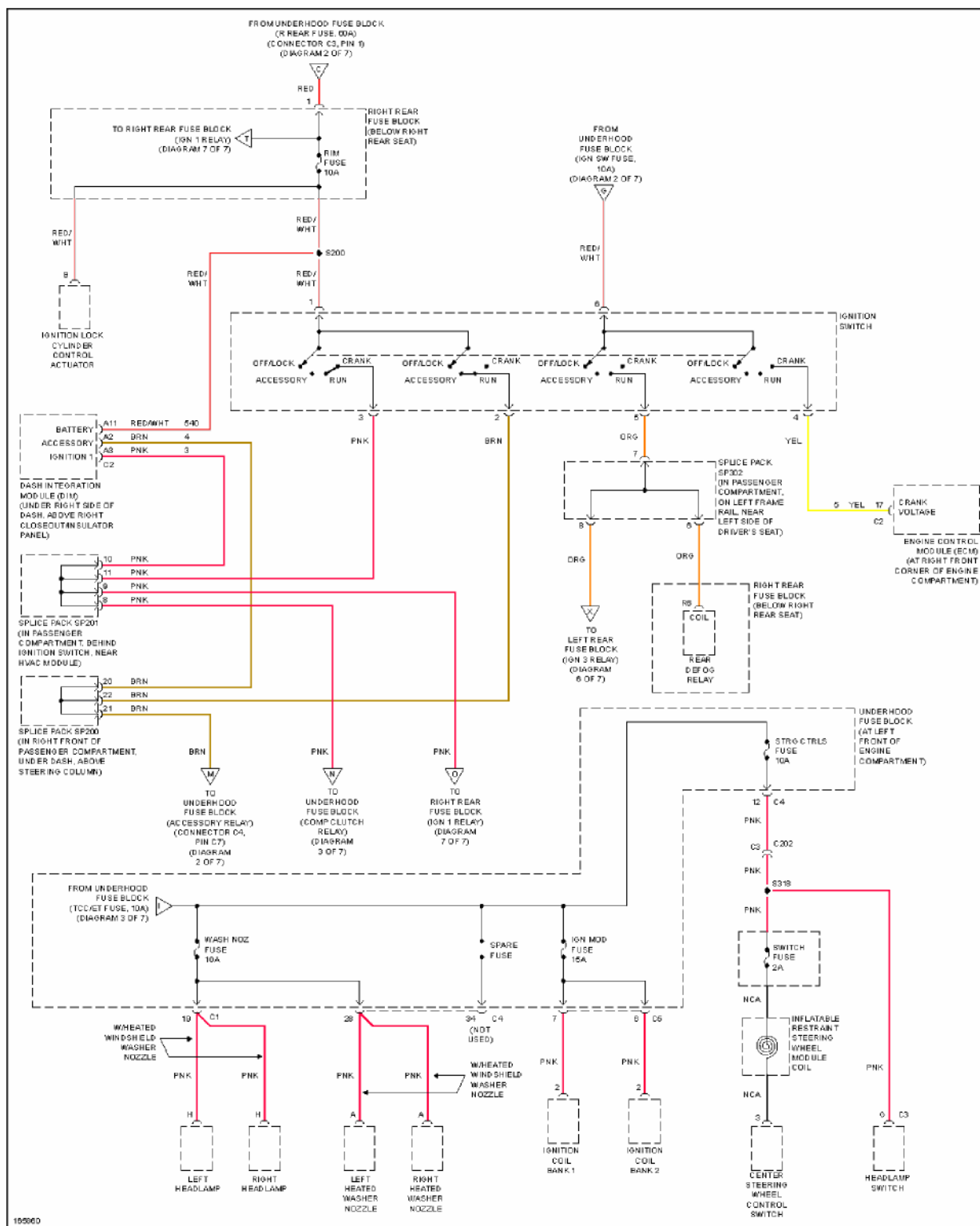


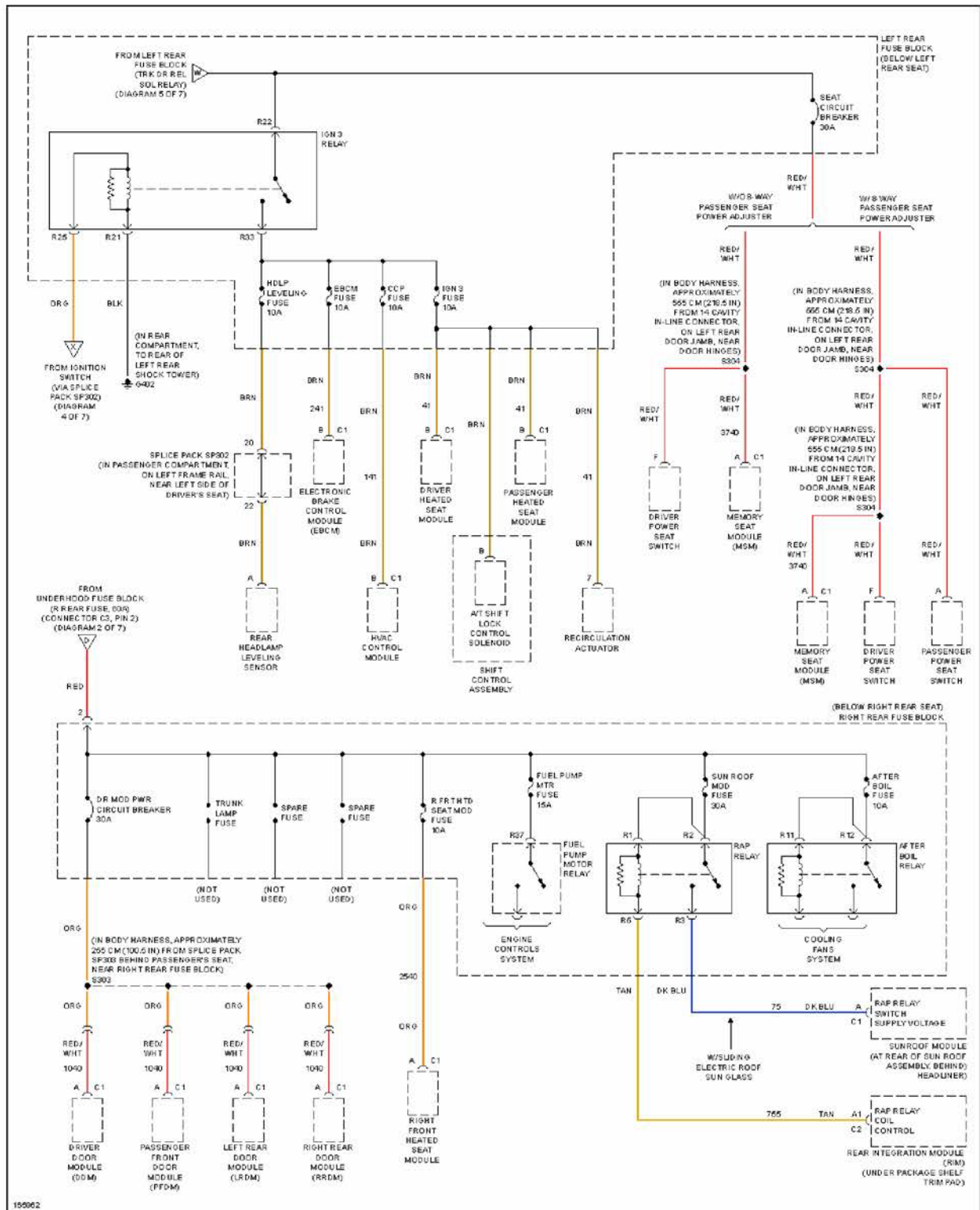
Fig. 42: Power Distribution Circuit (4 of 7)

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Fig. 43: Power Distribution Circuit (5 of 7)

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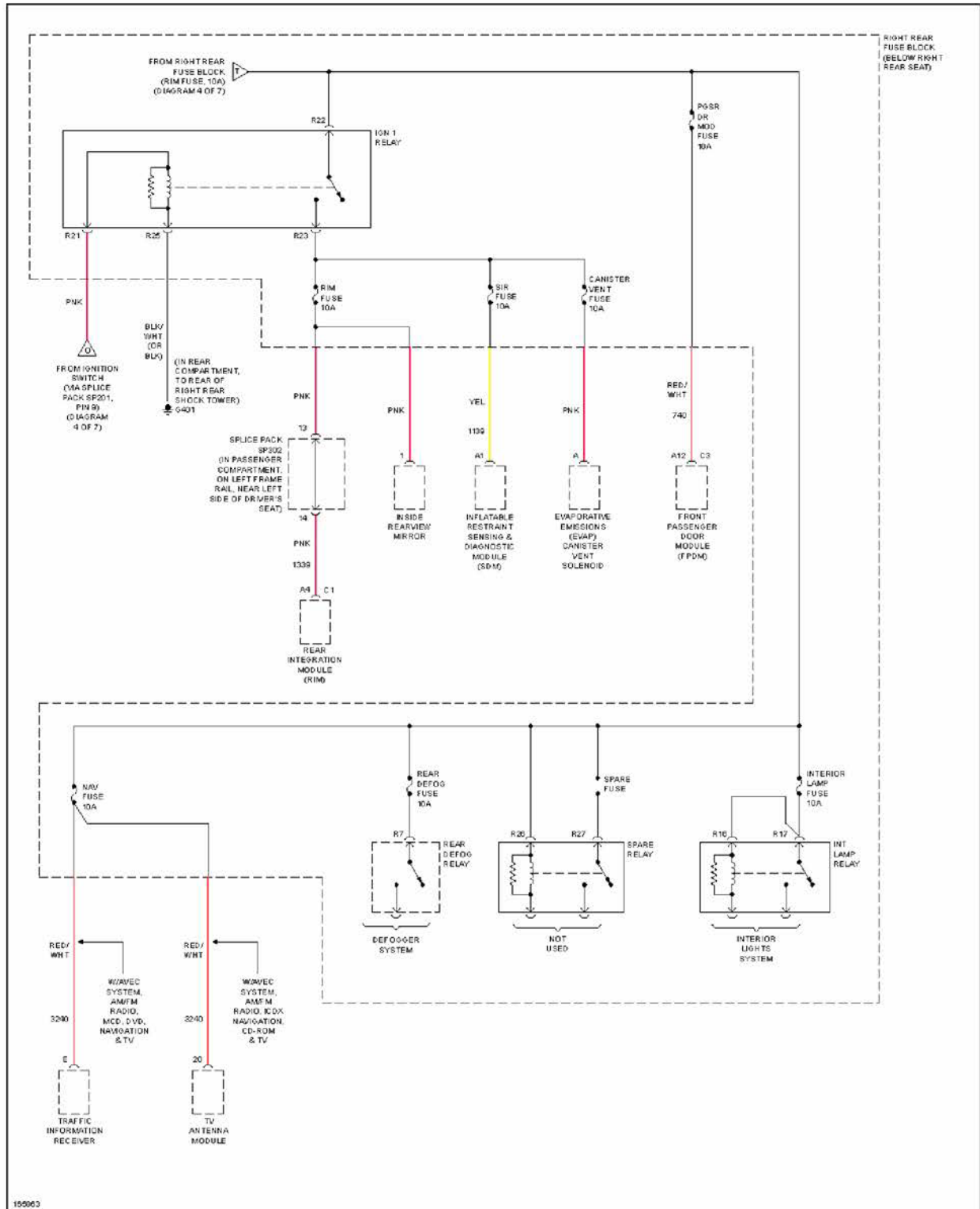


Fig. 45: Power Distribution Circuit (7 of 7)

POWER DOOR LOCKS

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Fig. 46: Power Door Locks Circuit (1 of 2)

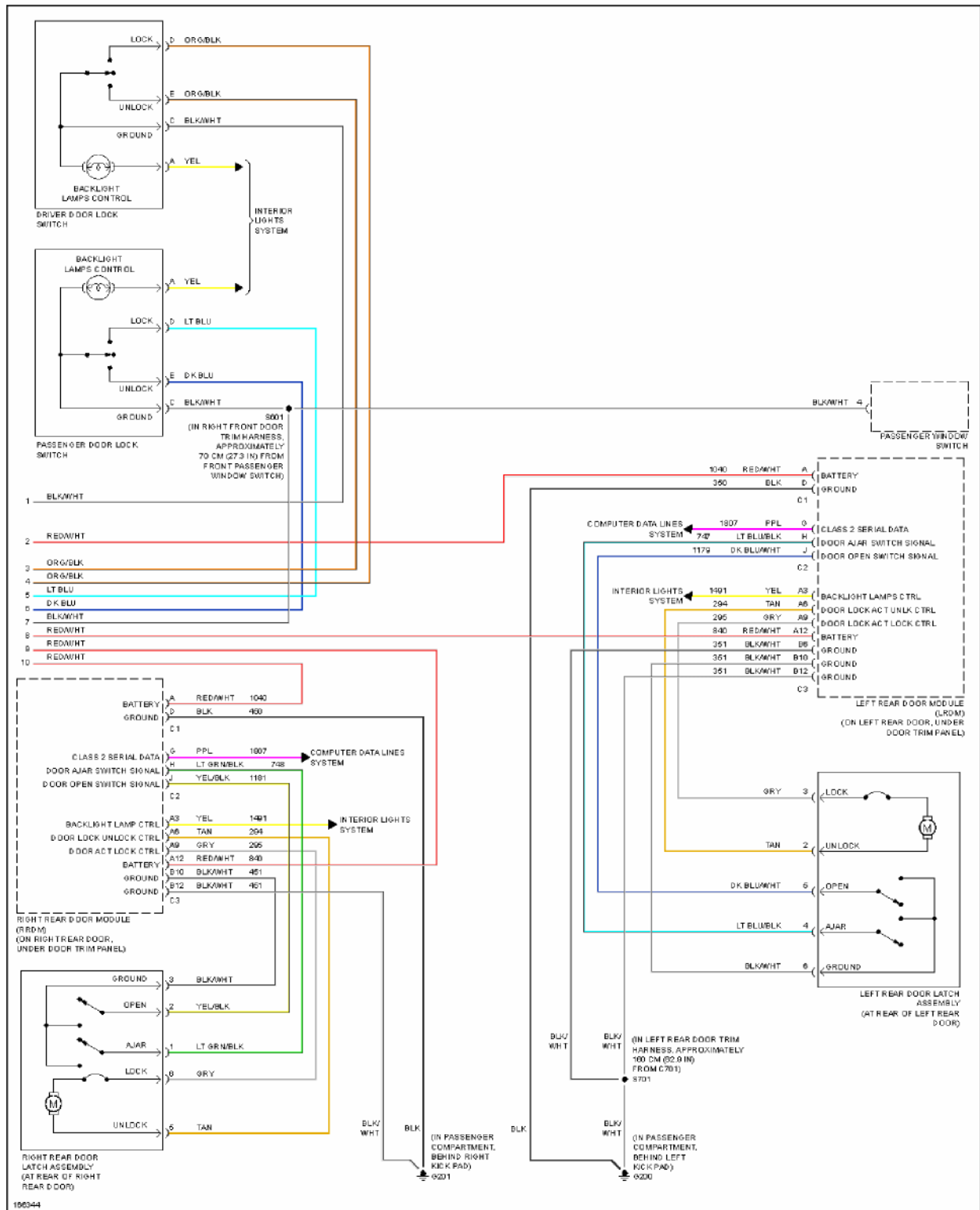


Fig. 47: Power Door Locks Circuit (2 of 2)

POWER MIRRORS

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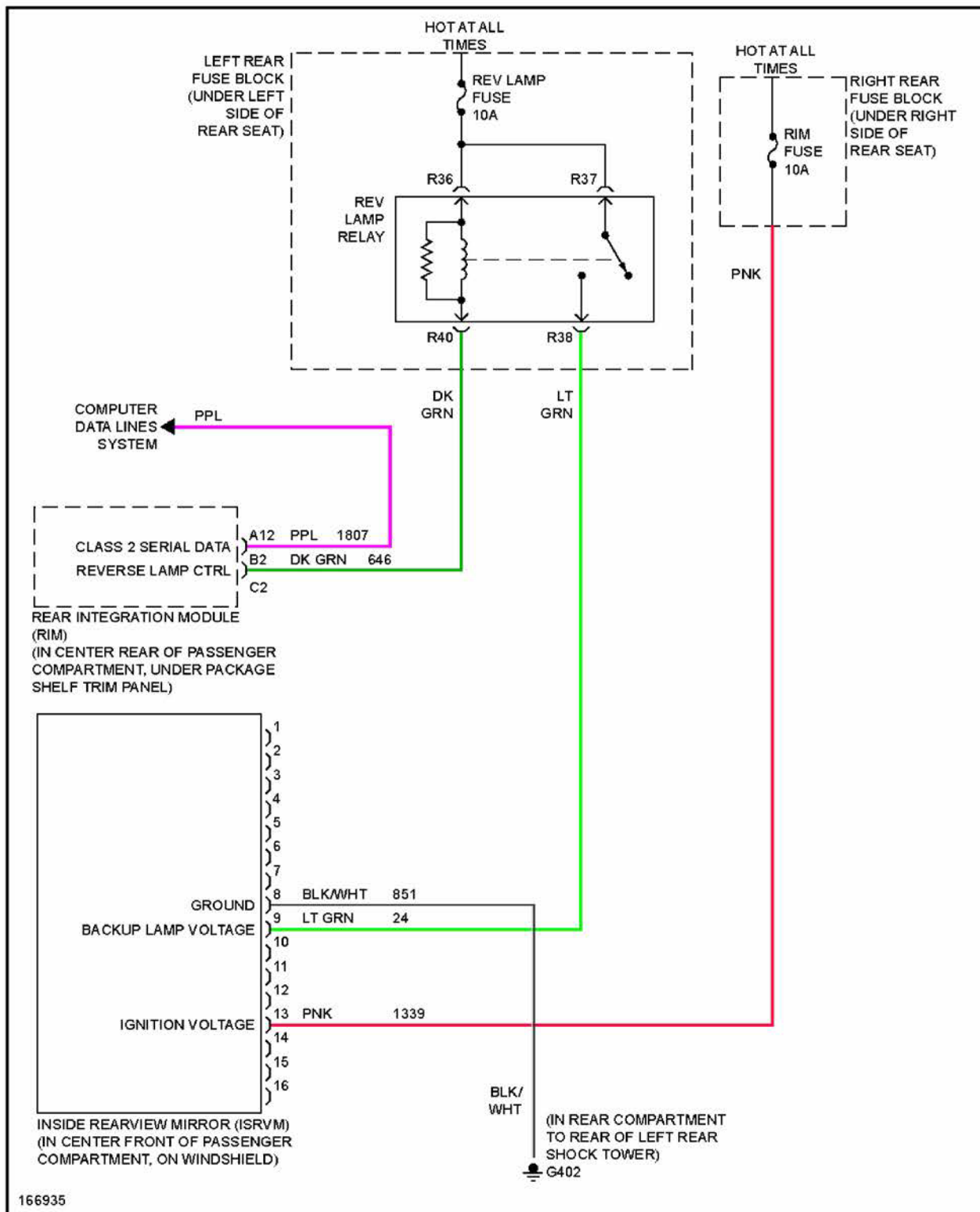


Fig. 48: Automatic Day/Night Mirror Circuit

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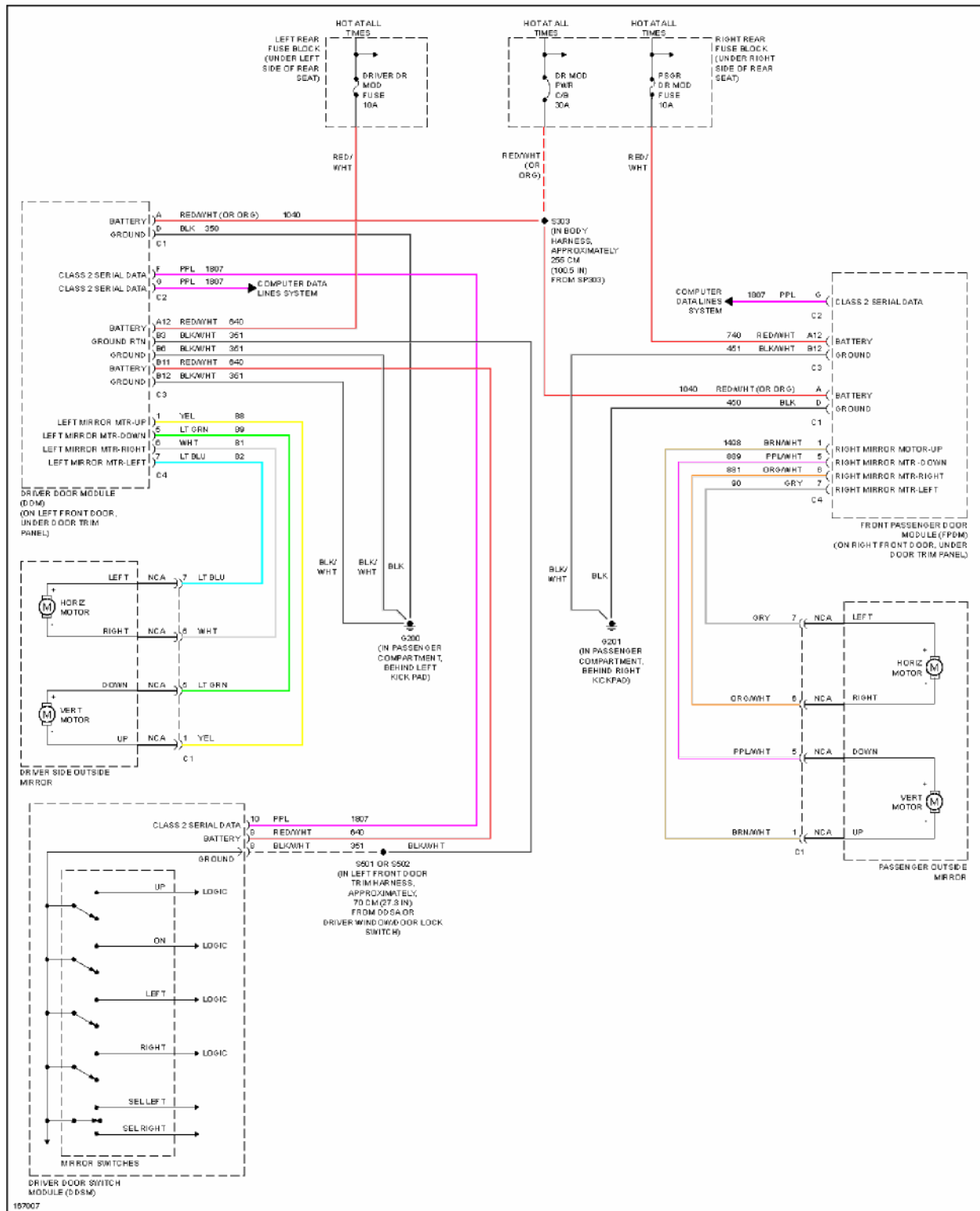


Fig. 49: Power Mirrors Circuit

POWER SEATS

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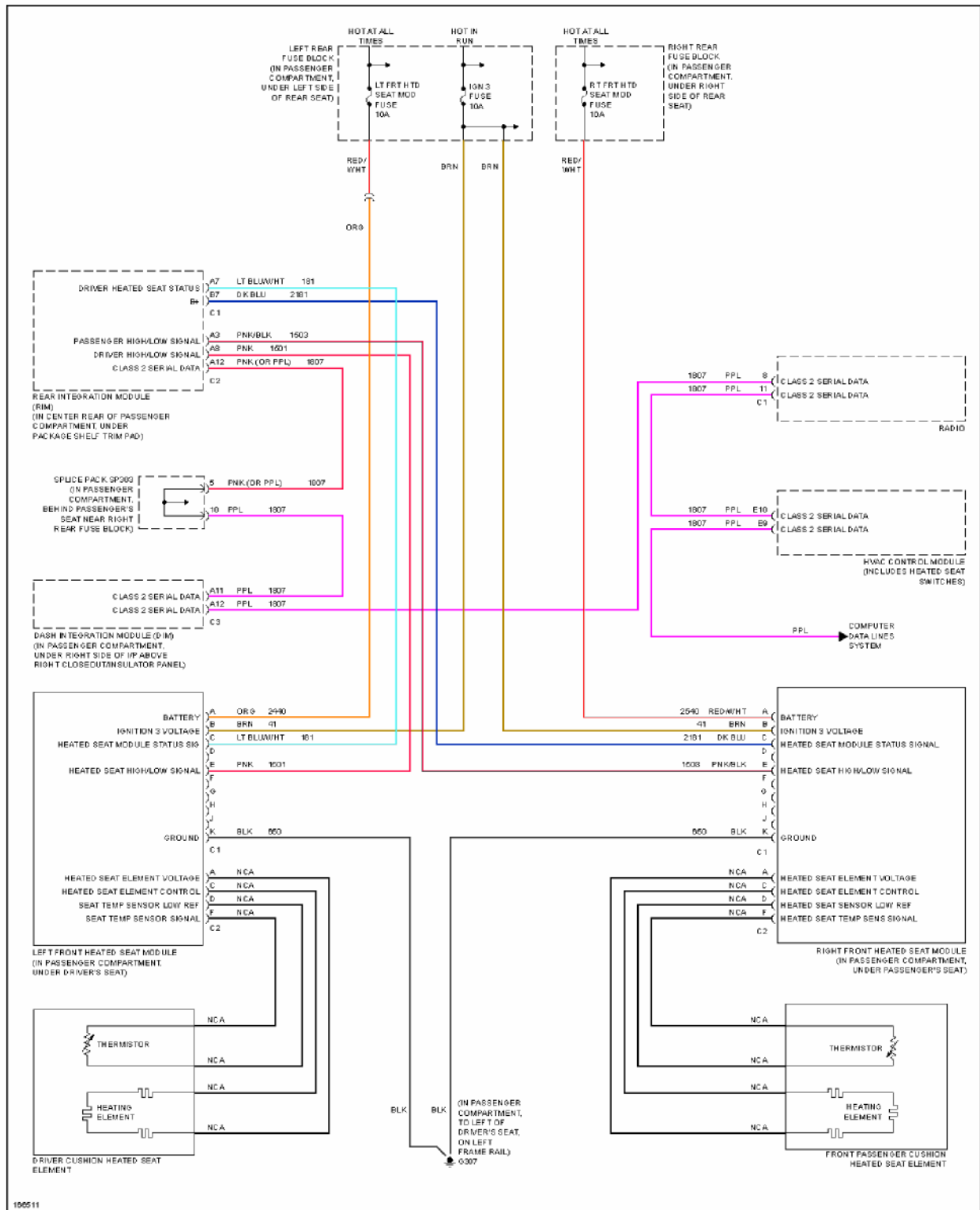


Fig. 50: Heated Seats Circuit

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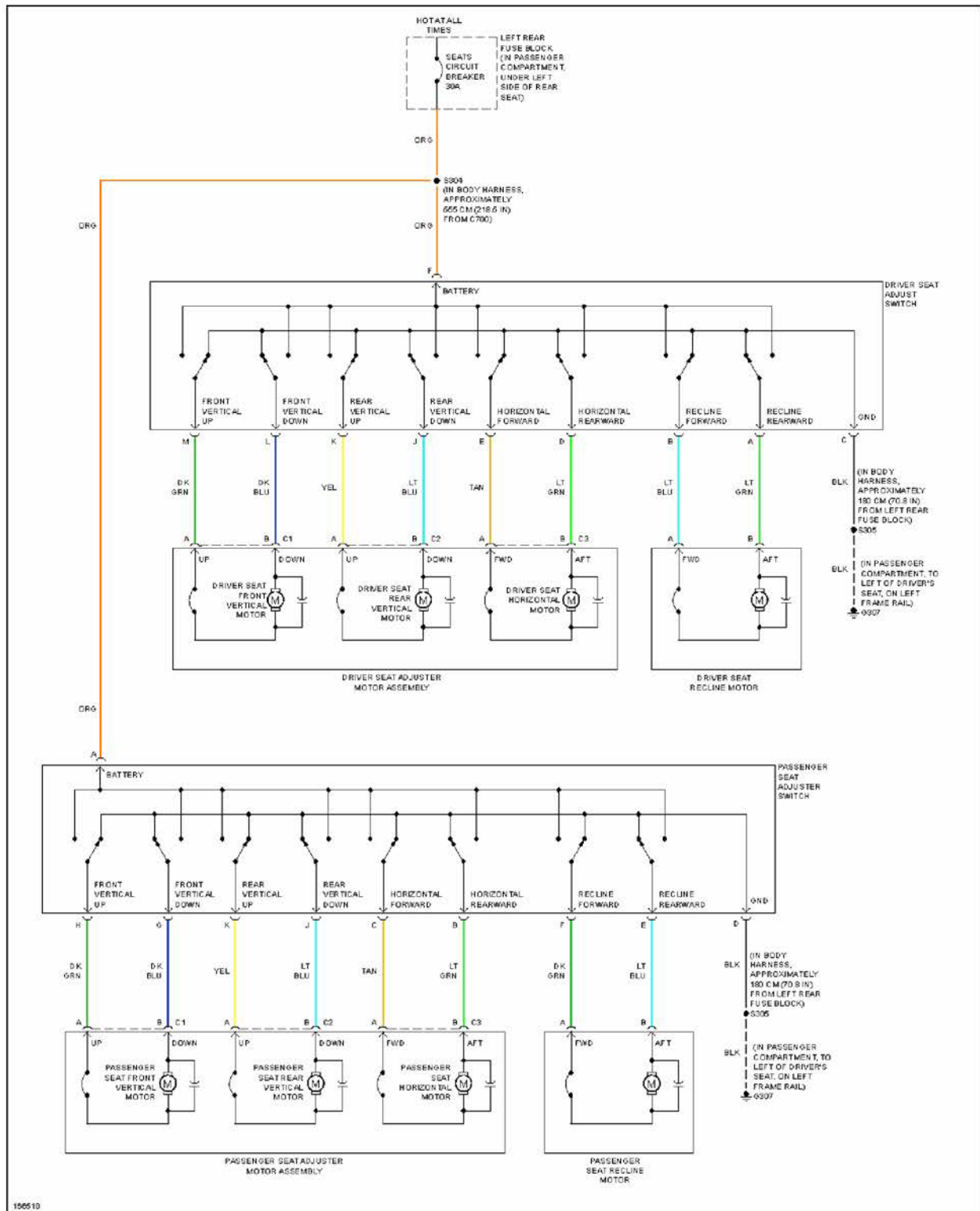


Fig. 51: Power Seats Circuit

POWER TOP/SUNROOF

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POWER WINDOWS

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SYSTEM WIRING DIAGRAMS Cadillac - CTS

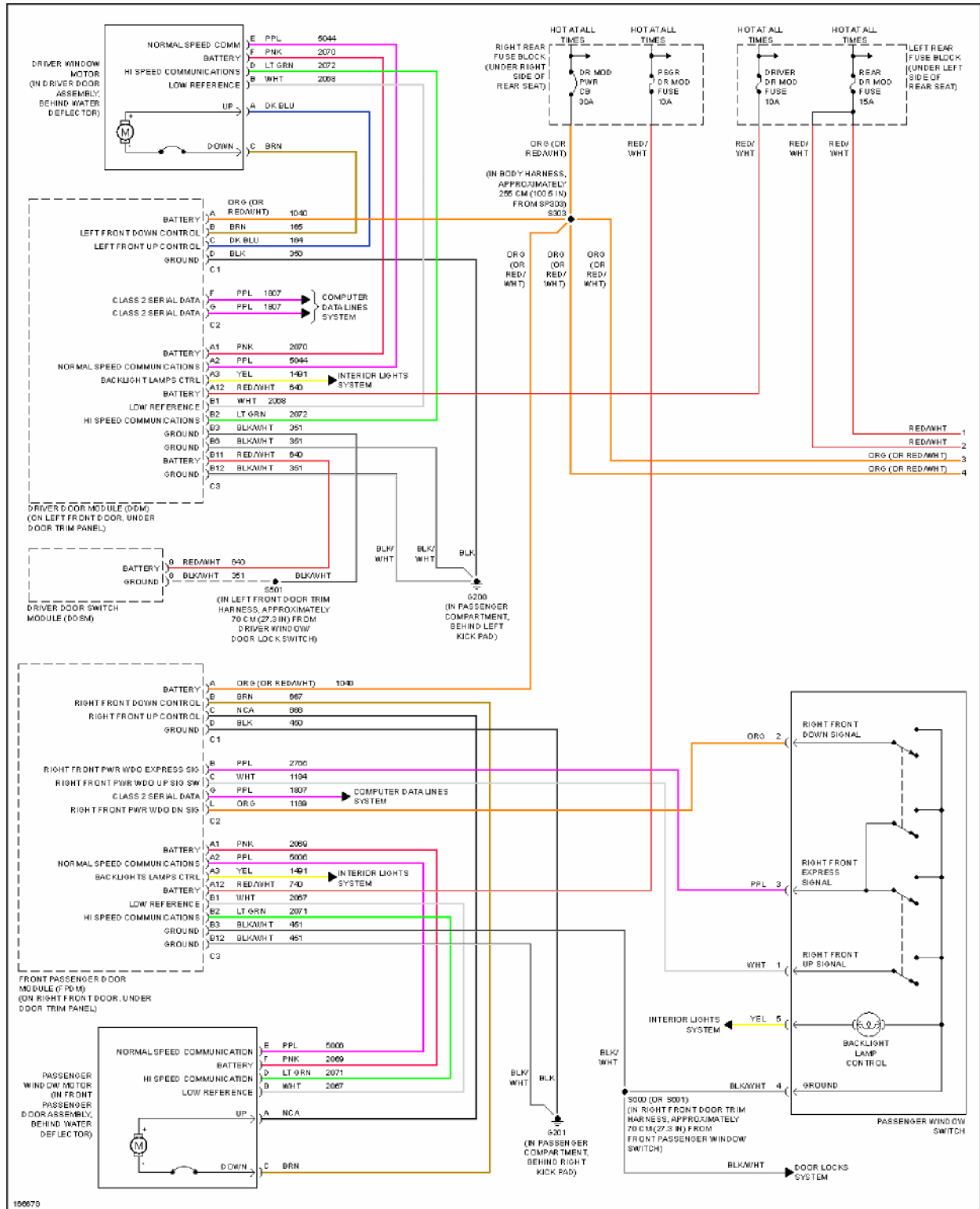


Fig. 53: Power Windows Circuit (1 of 2)

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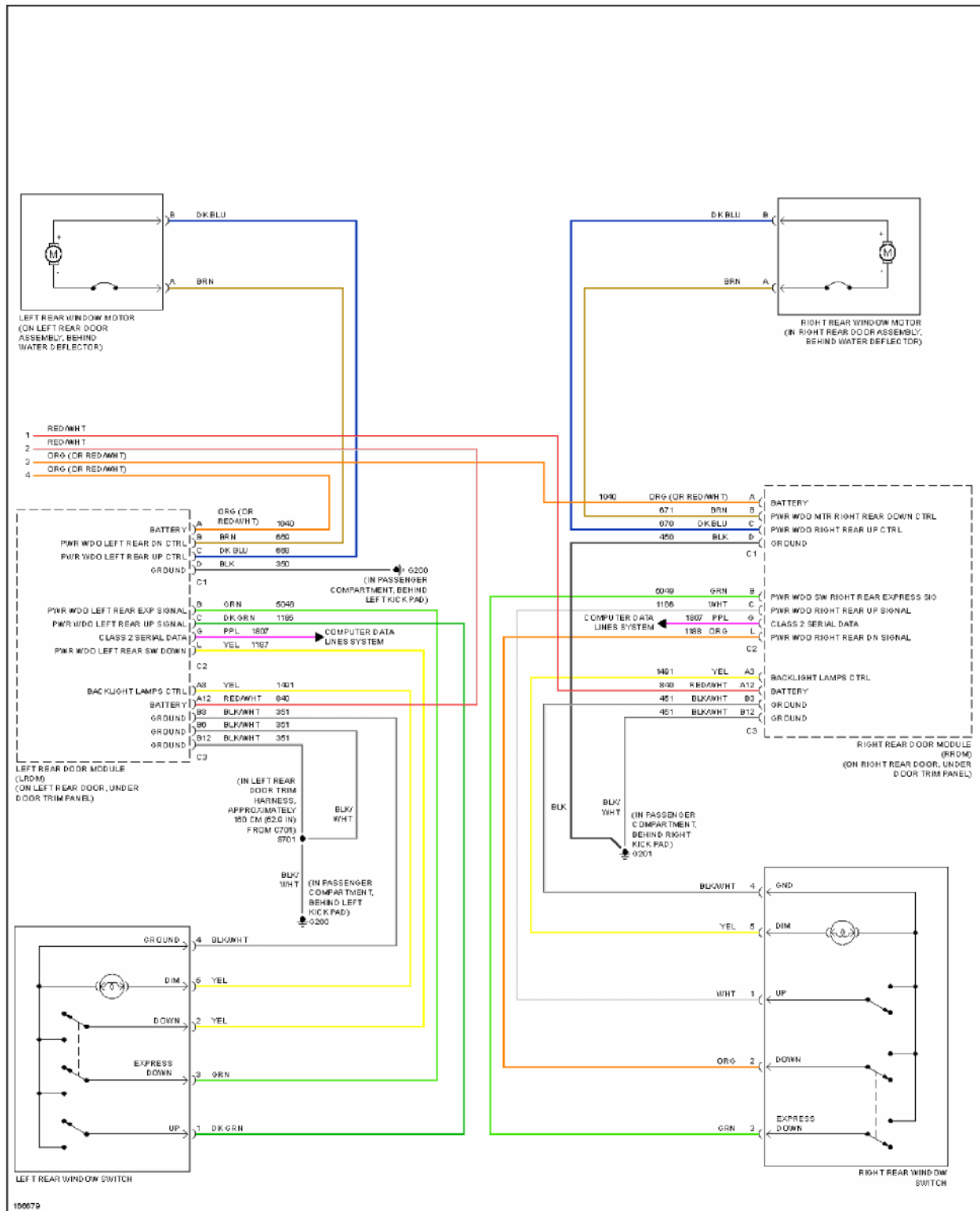


Fig. 54: Power Windows Circuit (2 of 2)

RADIO

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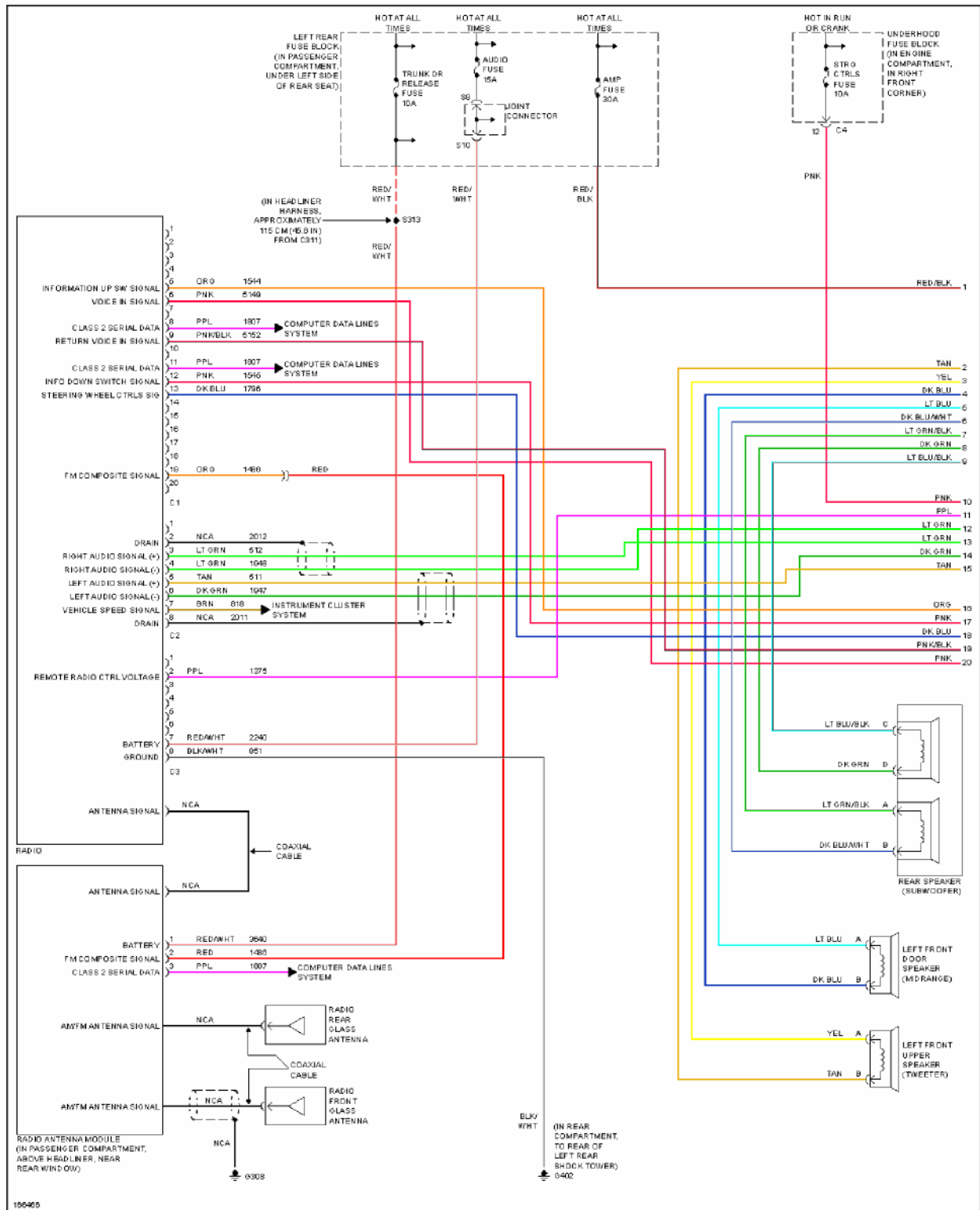


Fig. 55: Radio Circuit, Base (1 of 2)

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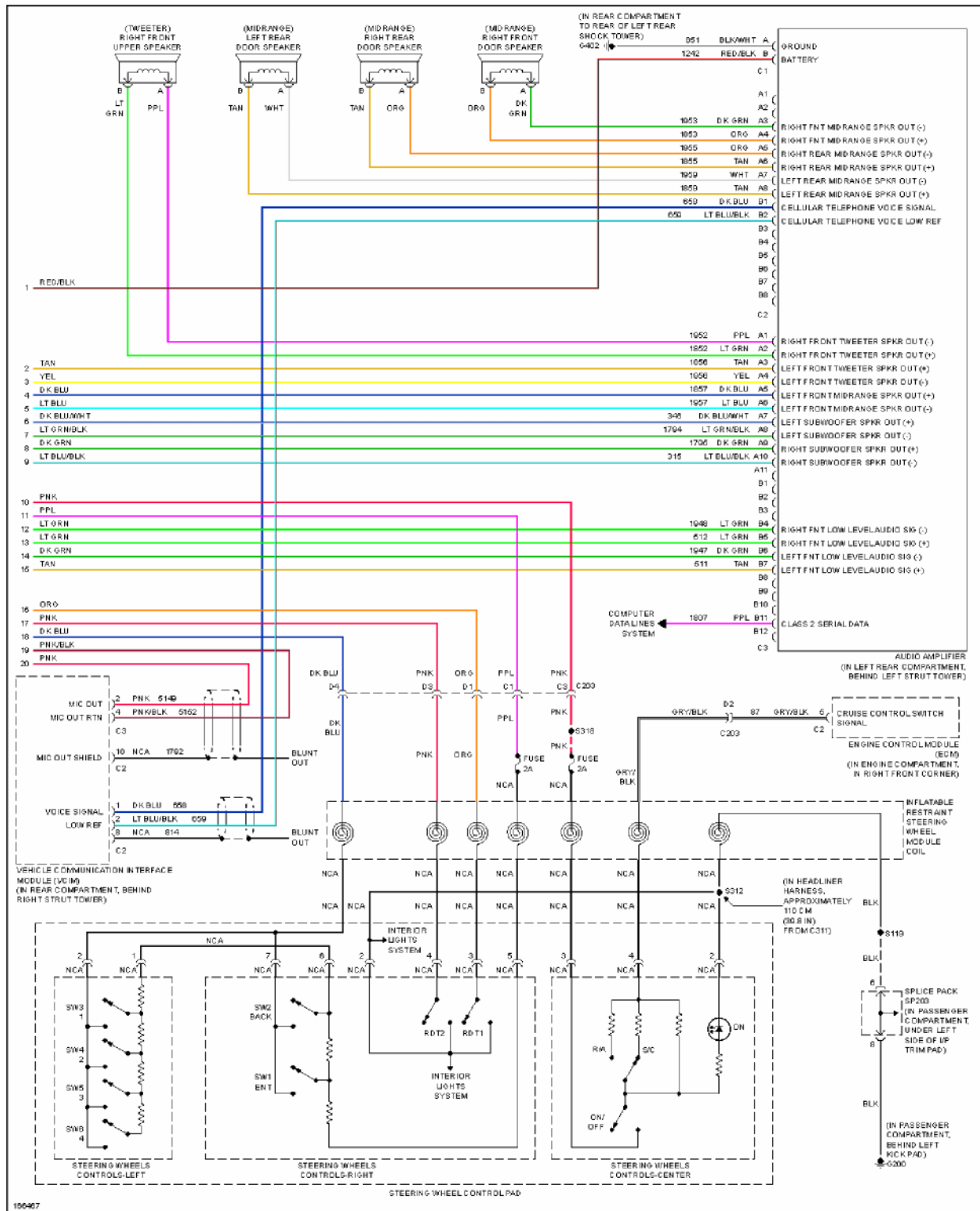


Fig. 56: Radio Circuit, Base (2 of 2)

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Fig. 57: Radio Circuit, Luxury (1 of 2)

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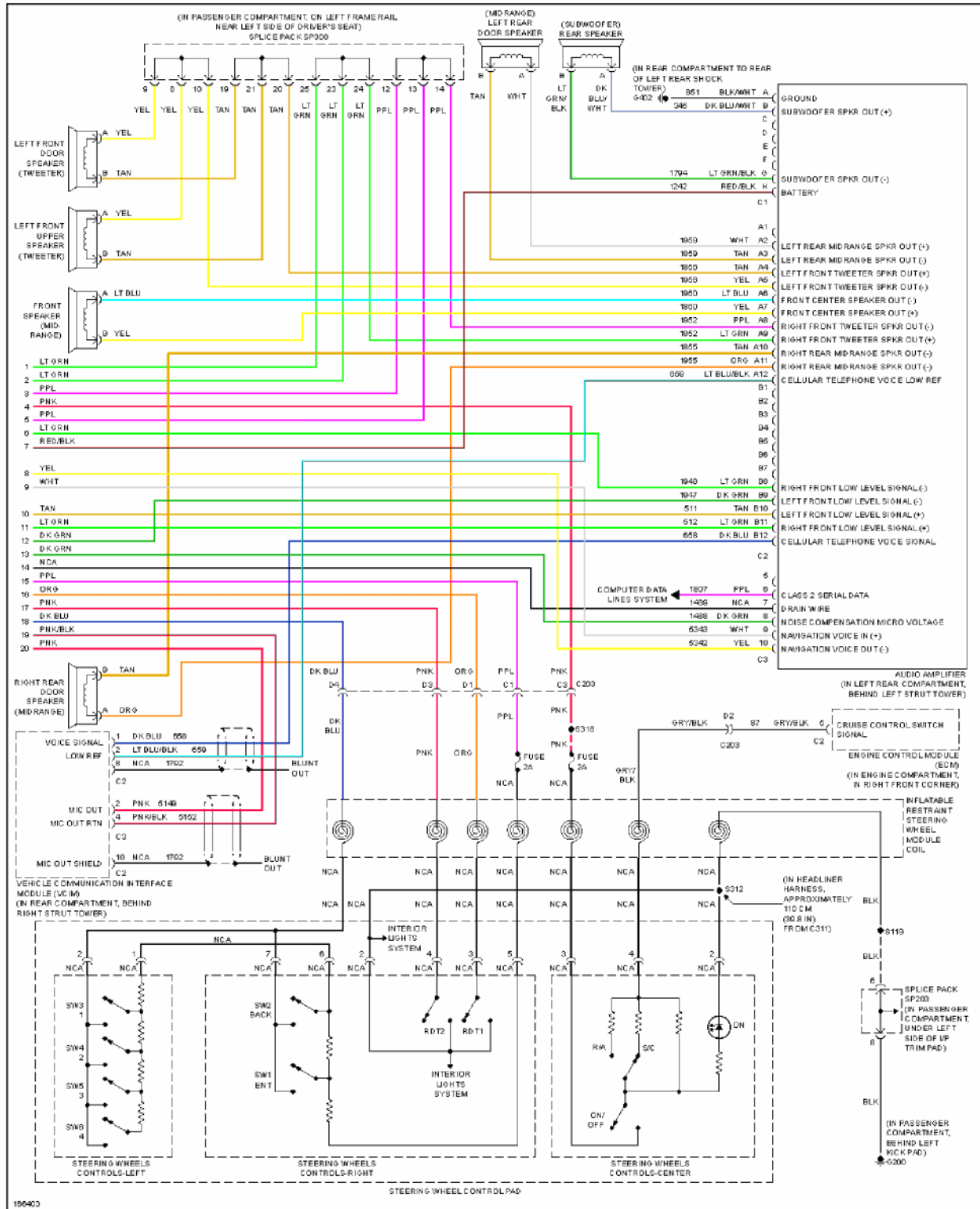


Fig. 58: Radio Circuit, Luxury (2 of 2)

SHIFT INTERLOCK

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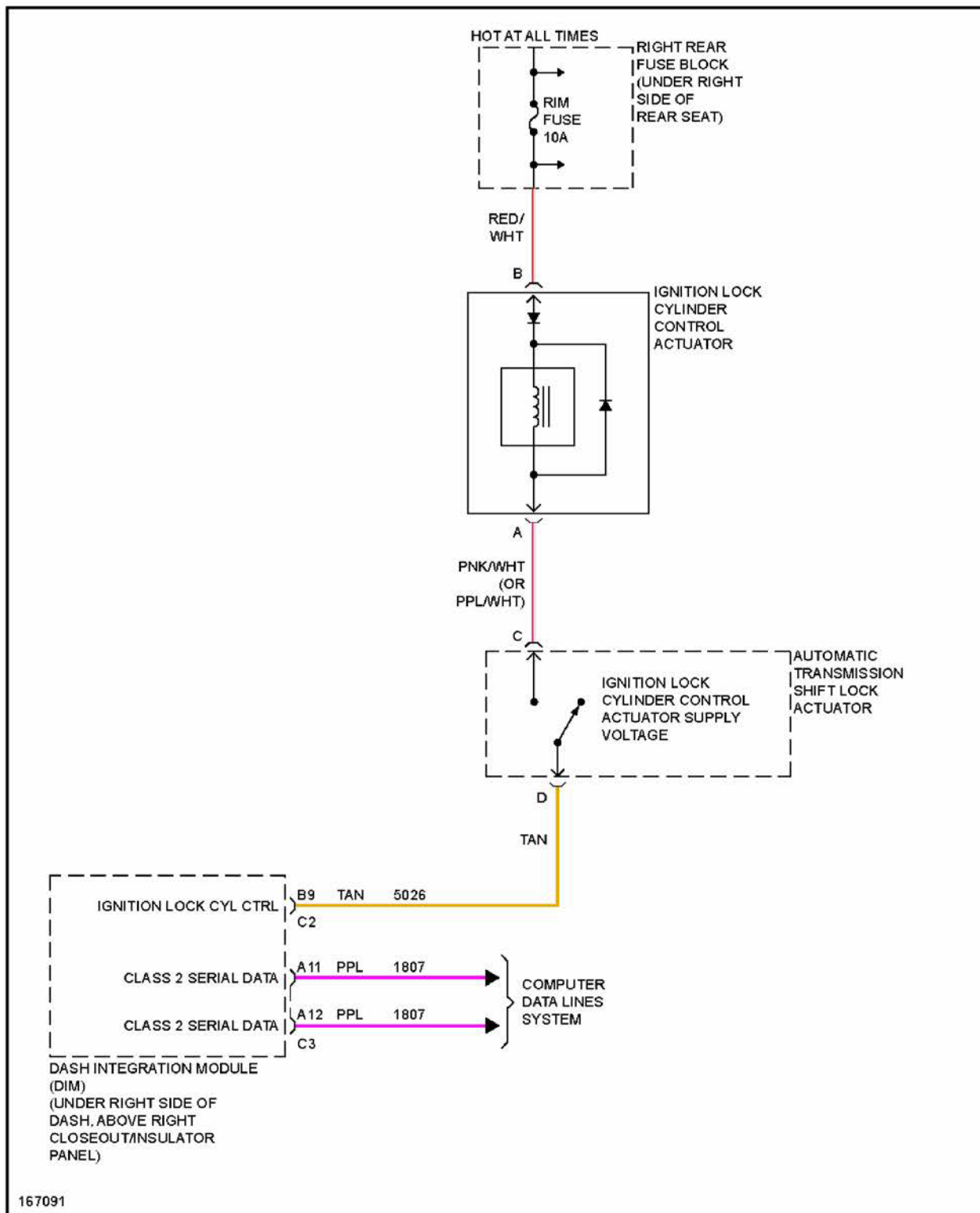


Fig. 59: Ignition Lock Solenoid Circuit



STARTING/CHARGING

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Fig. 61: Charging Circuit

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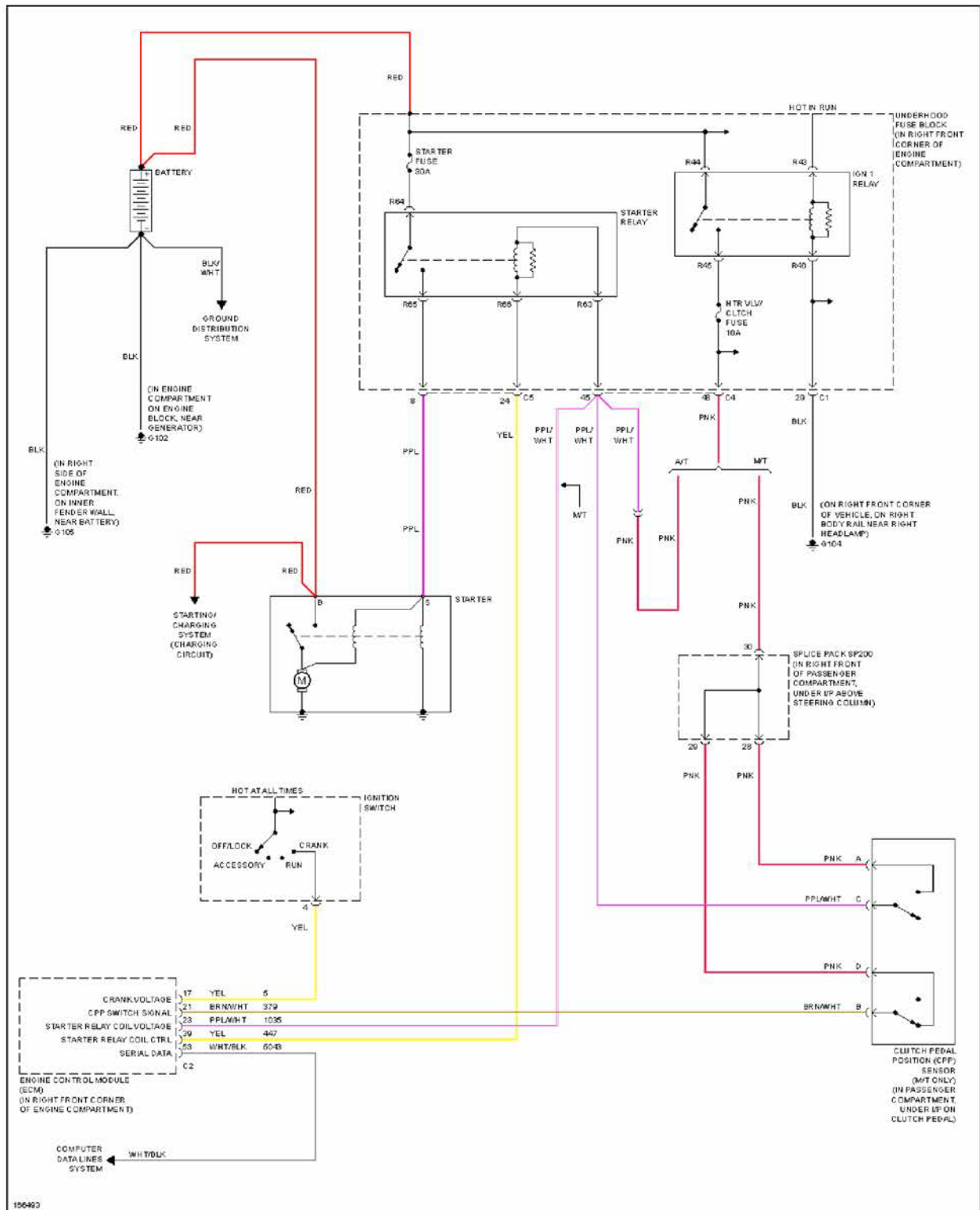


Fig. 62: Starting Circuit

SUPPLEMENTAL RESTRAINTS

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Fig. 63: Supplemental Restraints Circuit (1 of 2)

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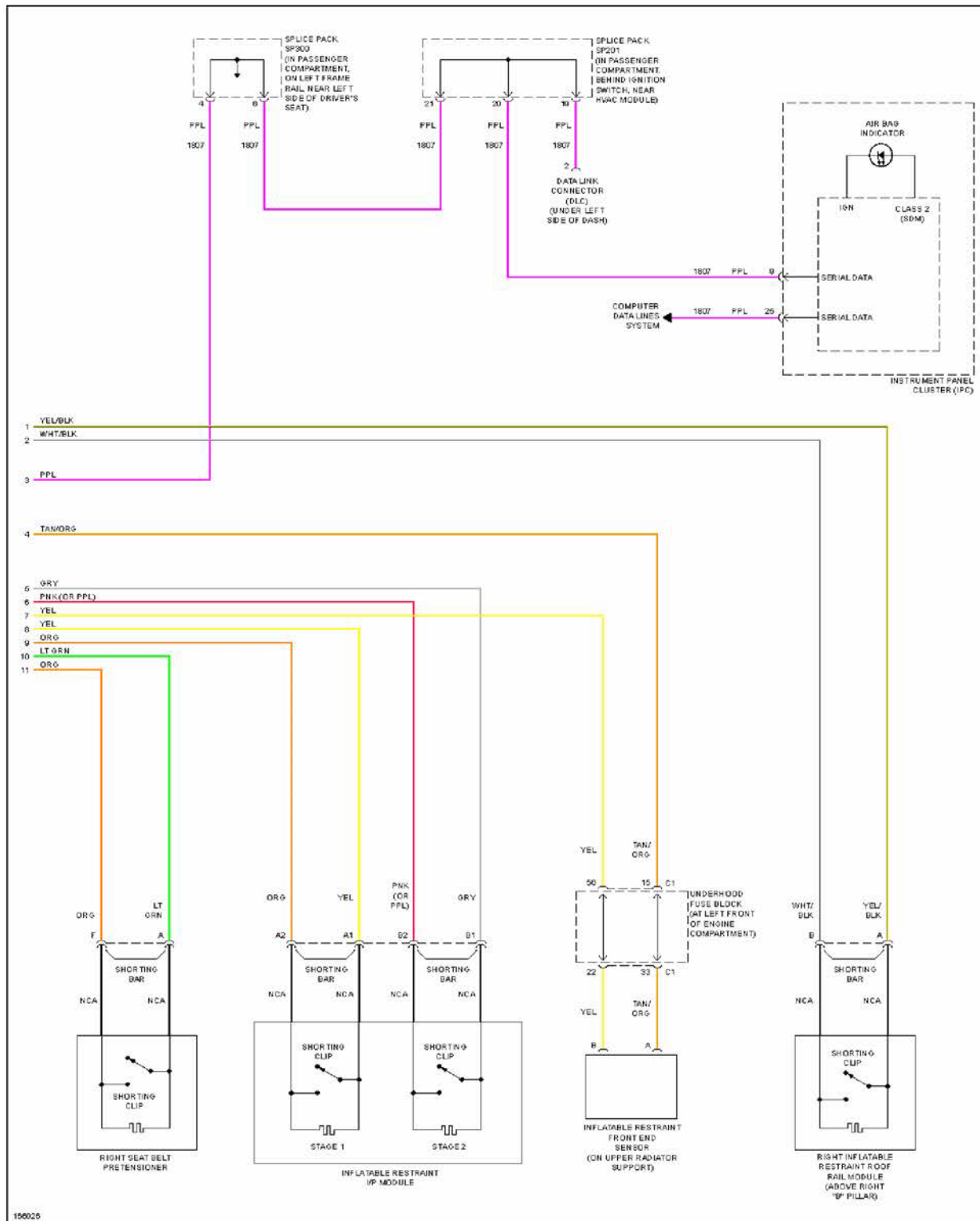


Fig. 64: Supplemental Restraints Circuit (2 of 2)

TRANSMISSION

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3.2L VIN N

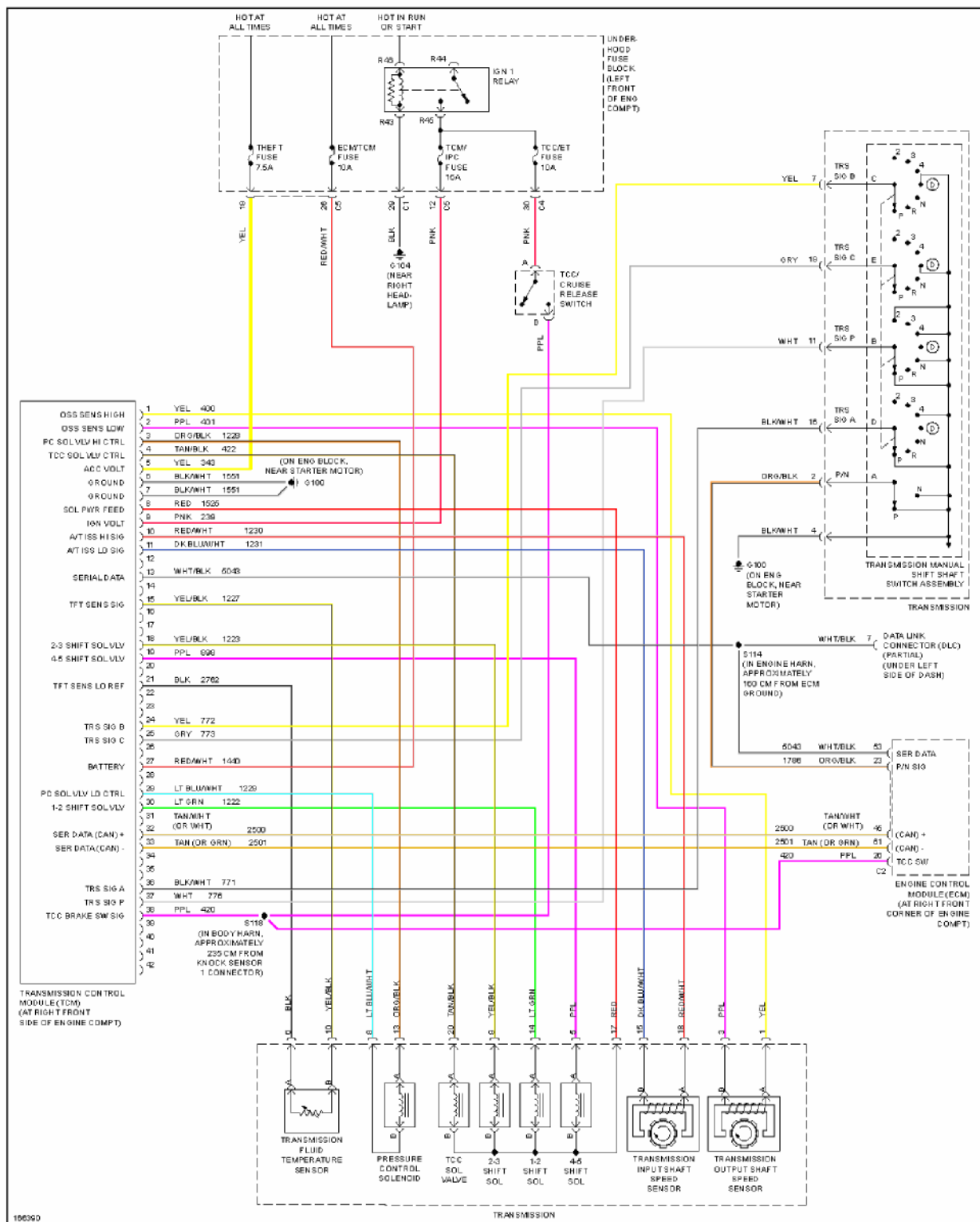


Fig. 65: 3.2L VIN N, A/T Circuit

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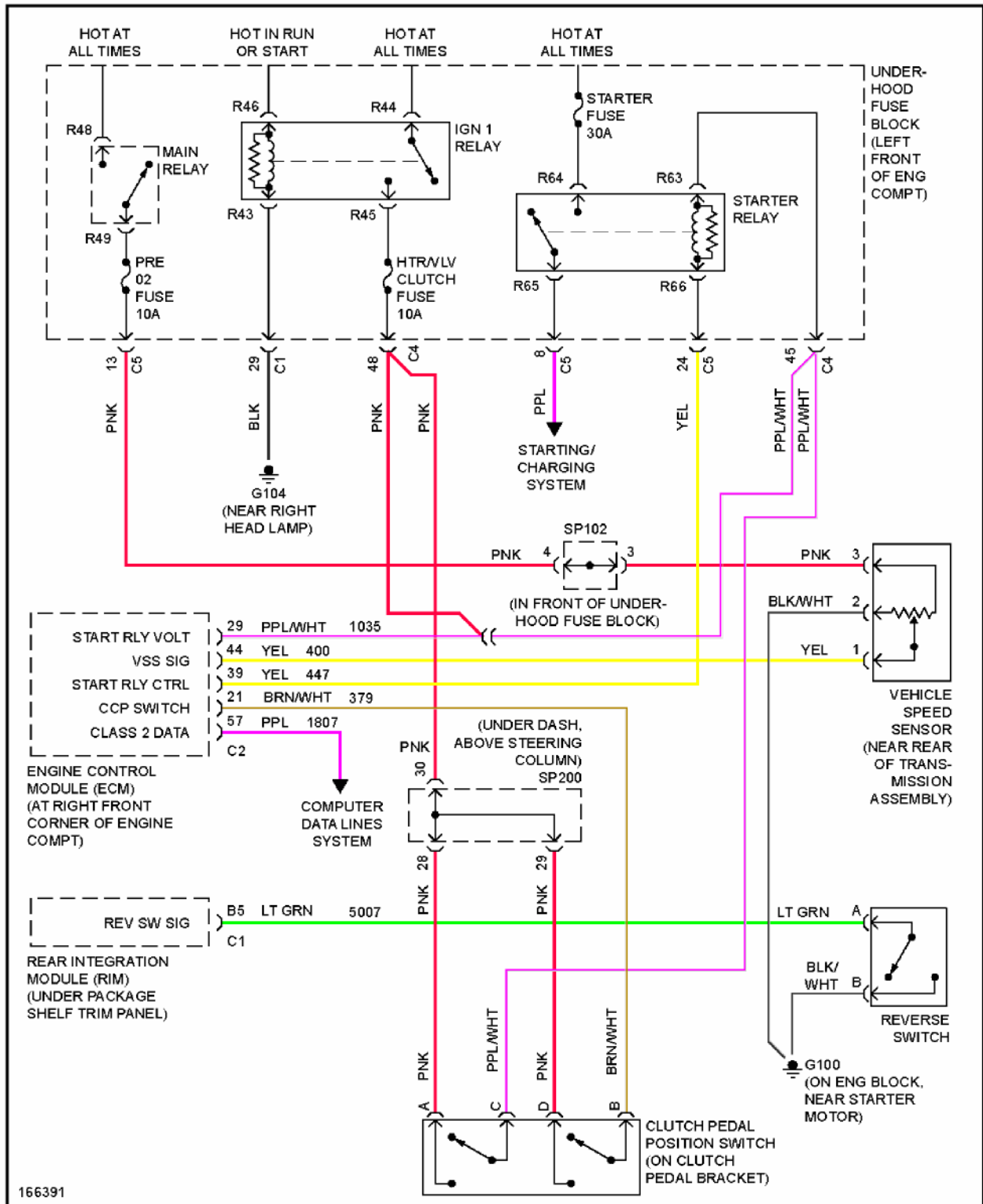


Fig. 66: 3.2L VIN N, M/T Circuit

TRUNK, TAILGATE, FUEL DOOR



WARNING SYSTEMS

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Fig. 68: Warning Systems Circuit (1 of 2)

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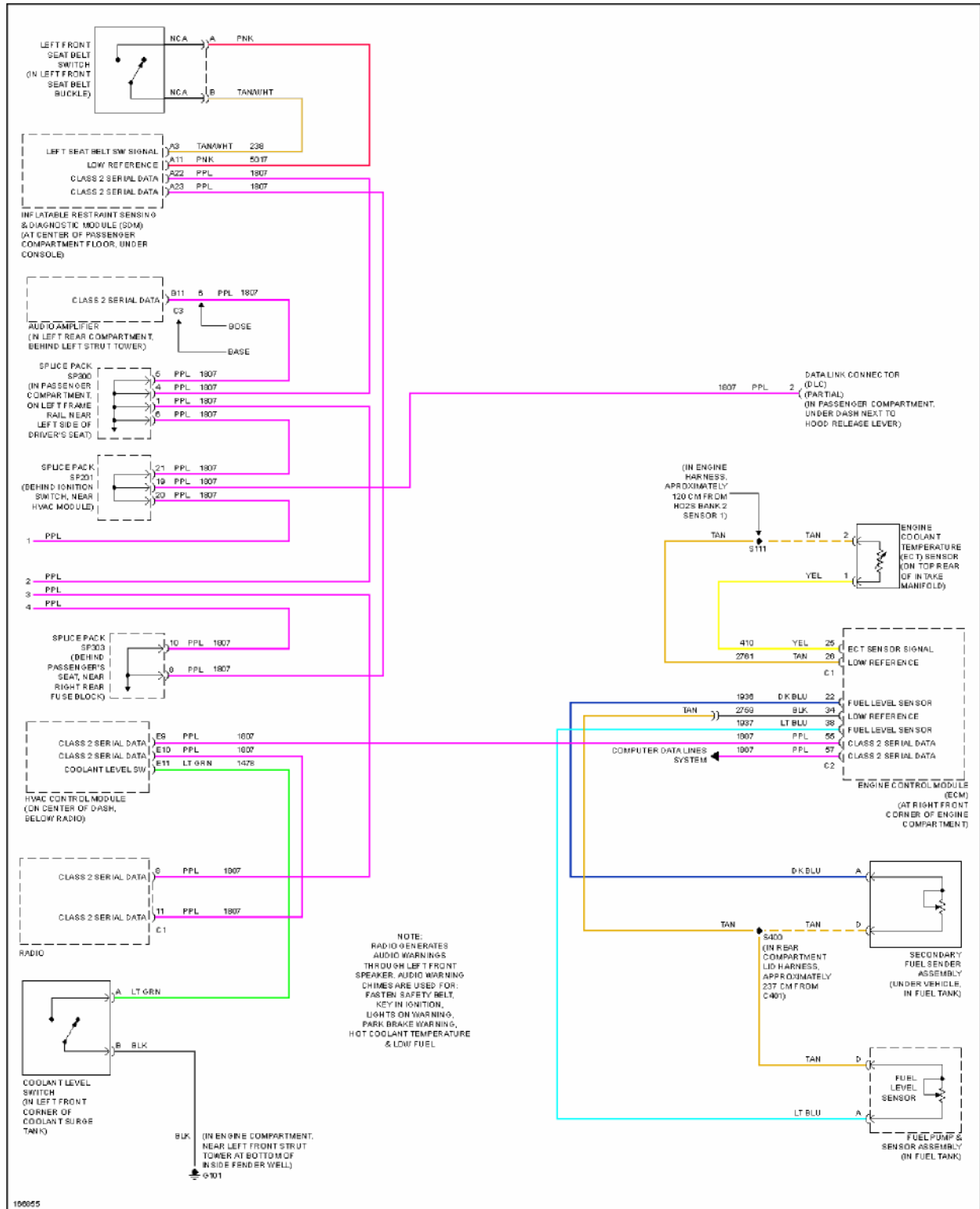


Fig. 69: Warning Systems Circuit (2 of 2)

WIPER/WASHER

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Fig. 70: Wiper/Washer Circuit, Early Production

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Fig. 71: Wiper/Washer Circuit, Late Production

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