2017 SYSTEM WIRING DIAGRAMS

Chevrolet - Silverado 1500

USING MITCHELL1'S WIRING DIAGRAMS

For information on using these wiring diagrams, see **USING MITCHELL1'S SYSTEM WIRING DIAGRAMS** article.

AIR CONDITIONING

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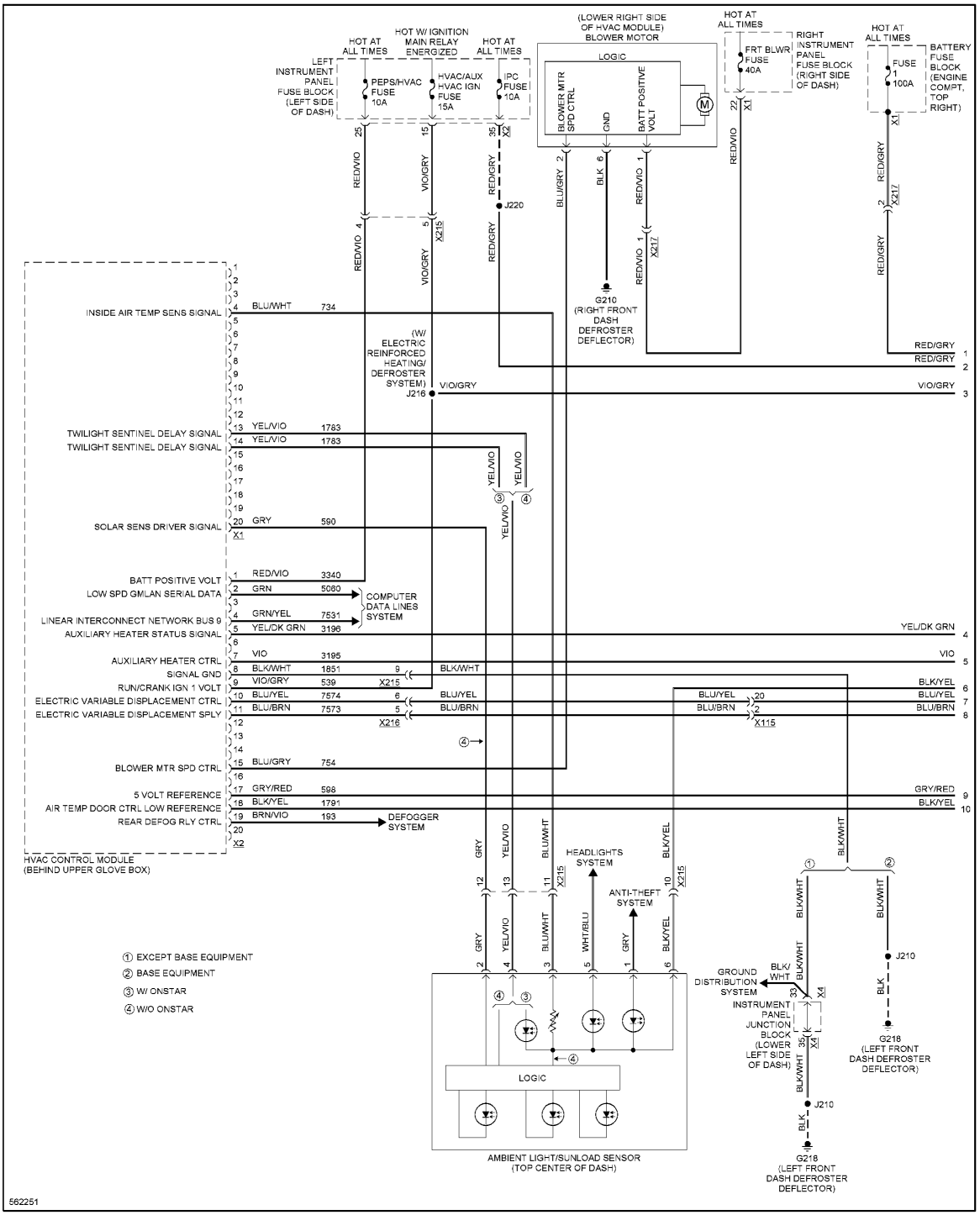

Fig. 1: Automatic A/C Circuit (1 of 4)

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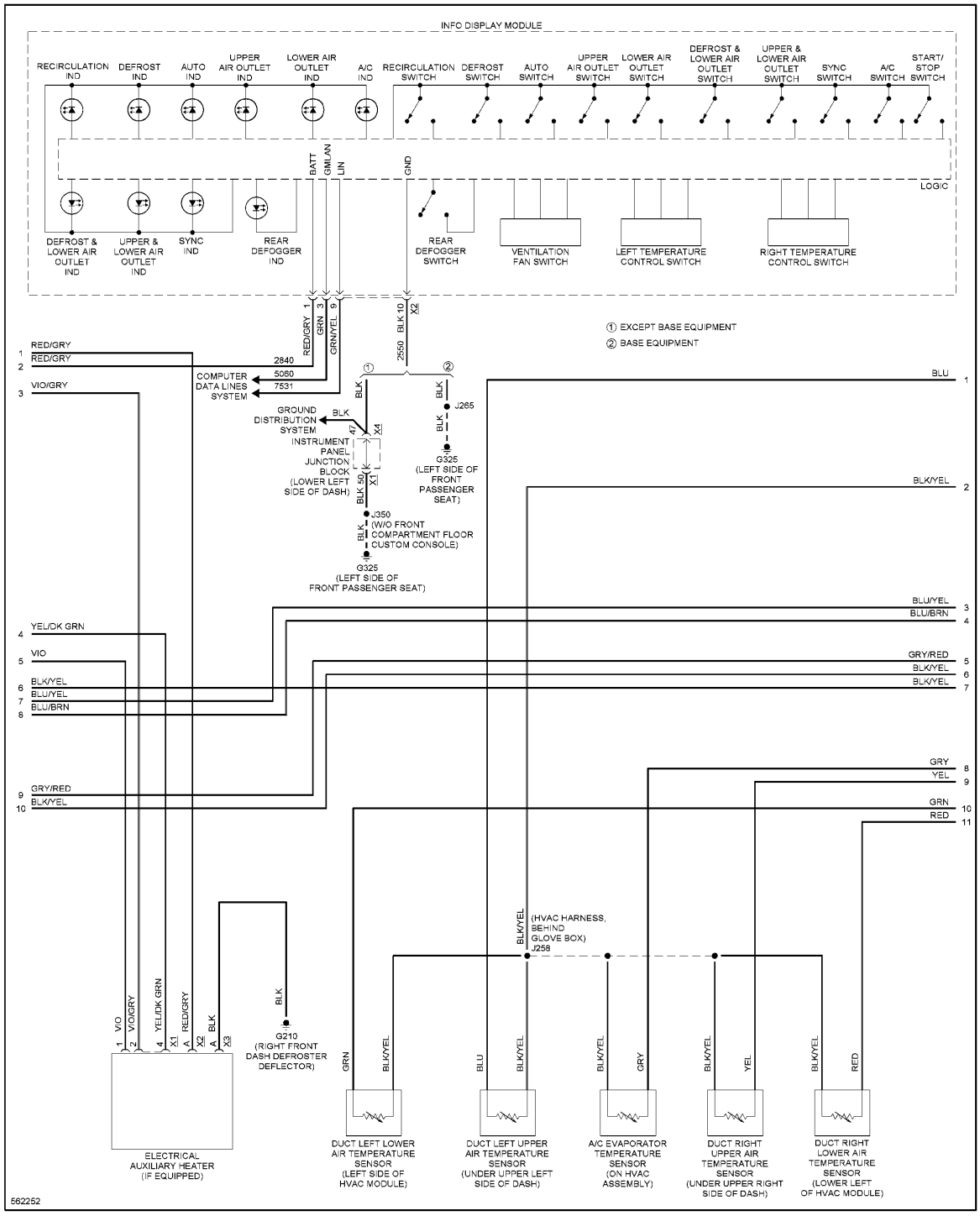

Fig. 2: Automatic A/C Circuit (2 of 4)

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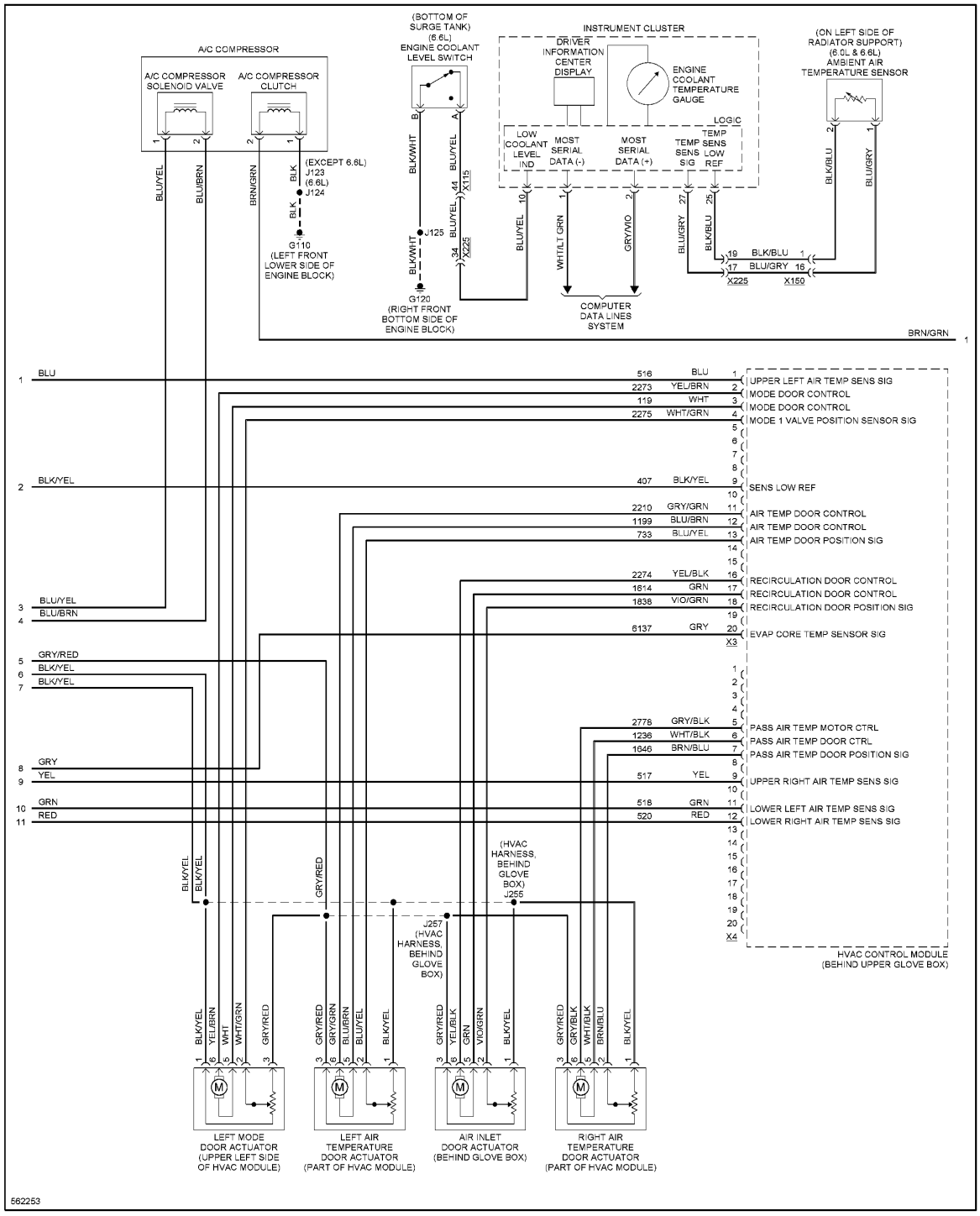

Fig. 3: Automatic A/C Circuit (3 of 4)

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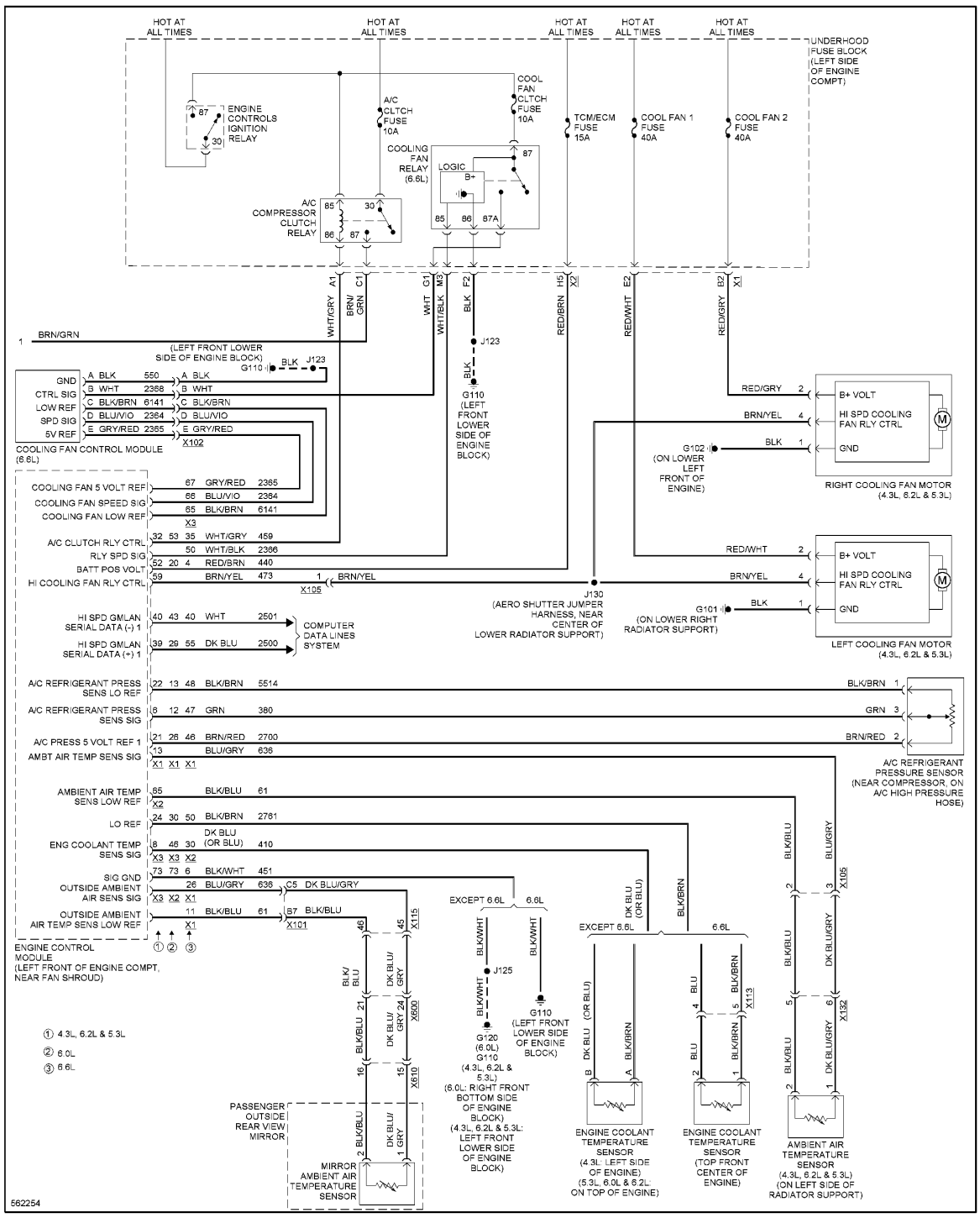

Fig. 4: Automatic A/C Circuit (4 of 4)

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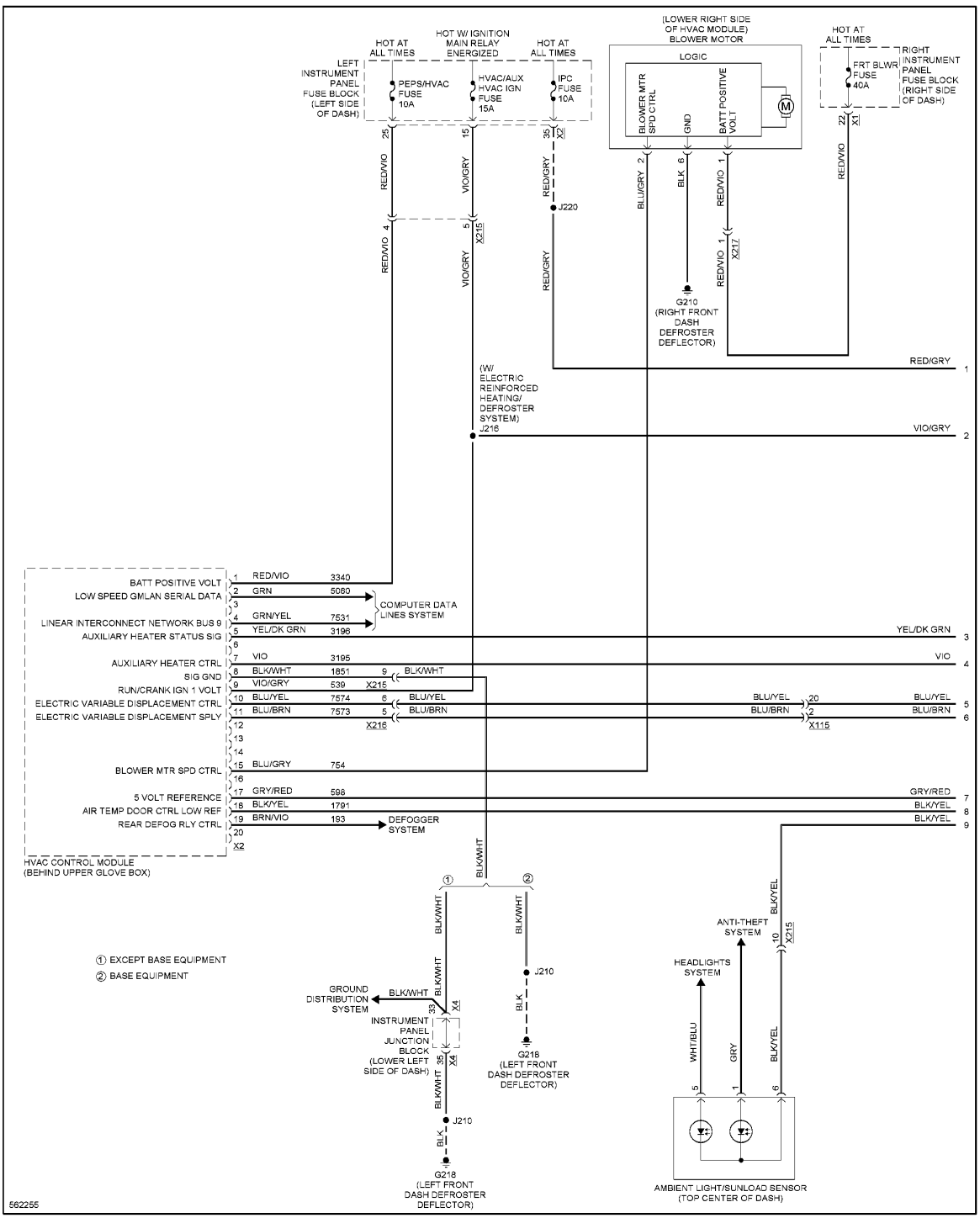

Fig. 5: Manual A/C Circuit (1 of 4)

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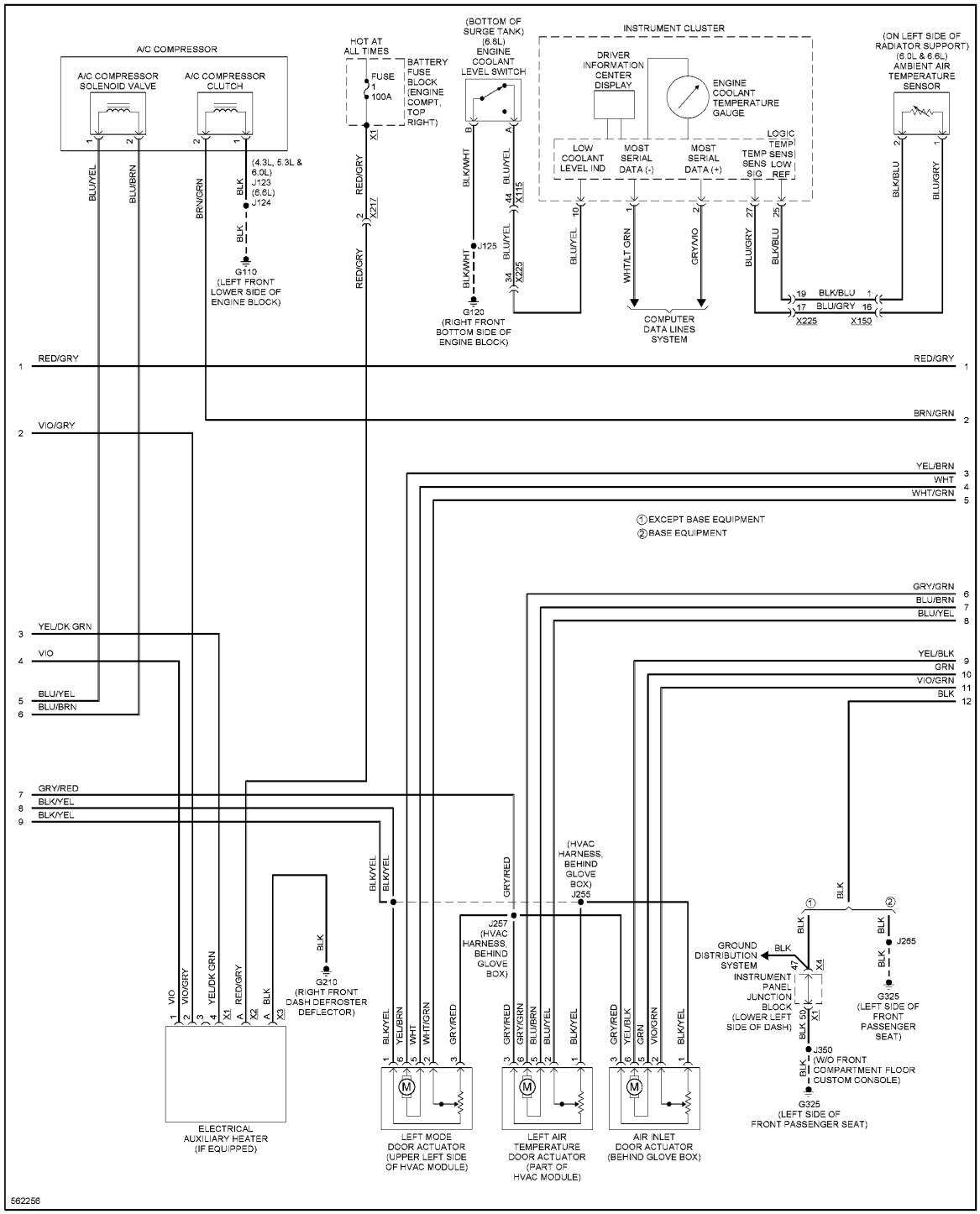

Fig. 6: Manual A/C Circuit (2 of 4)

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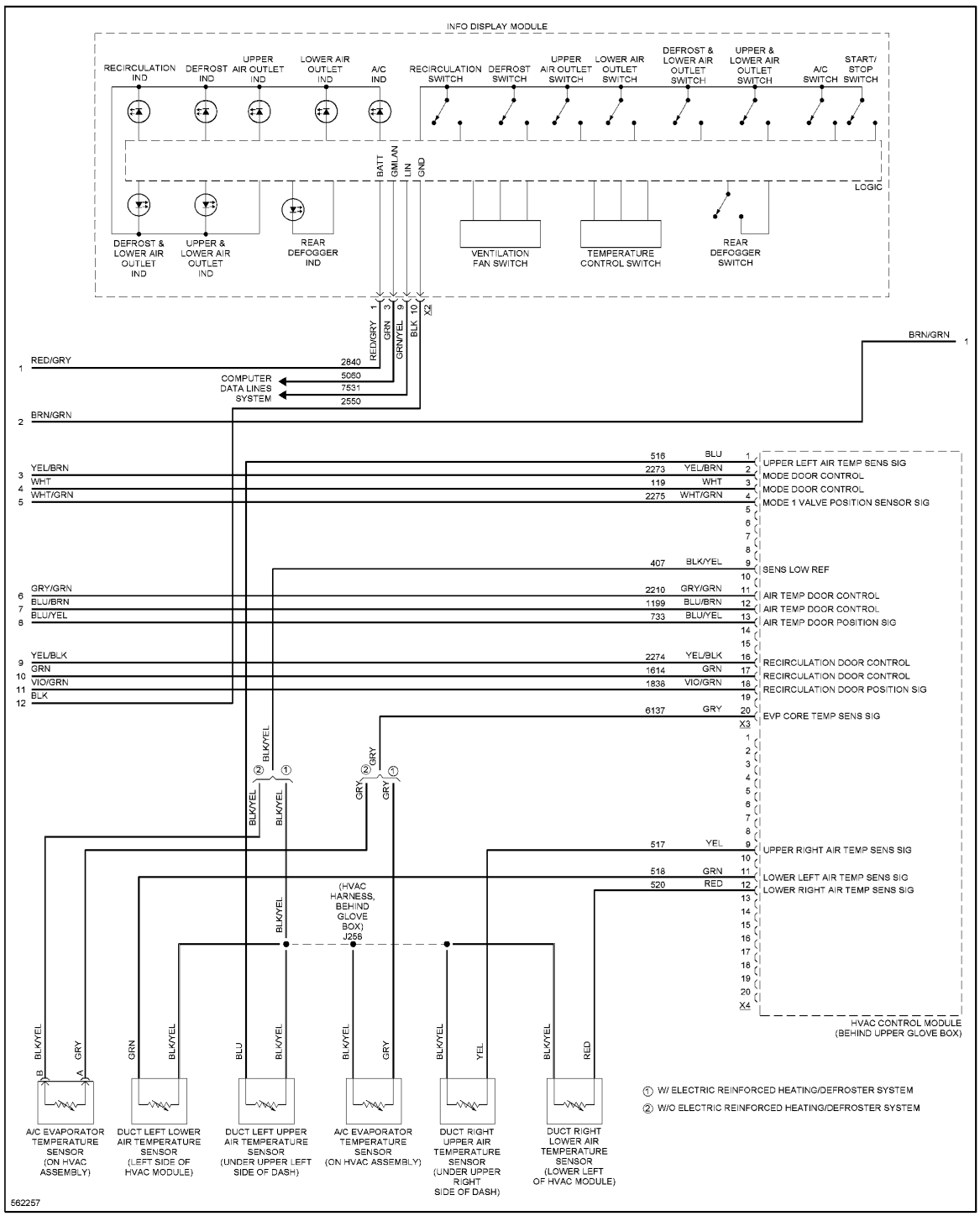

Fig. 7: Manual A/C Circuit (3 of 4)

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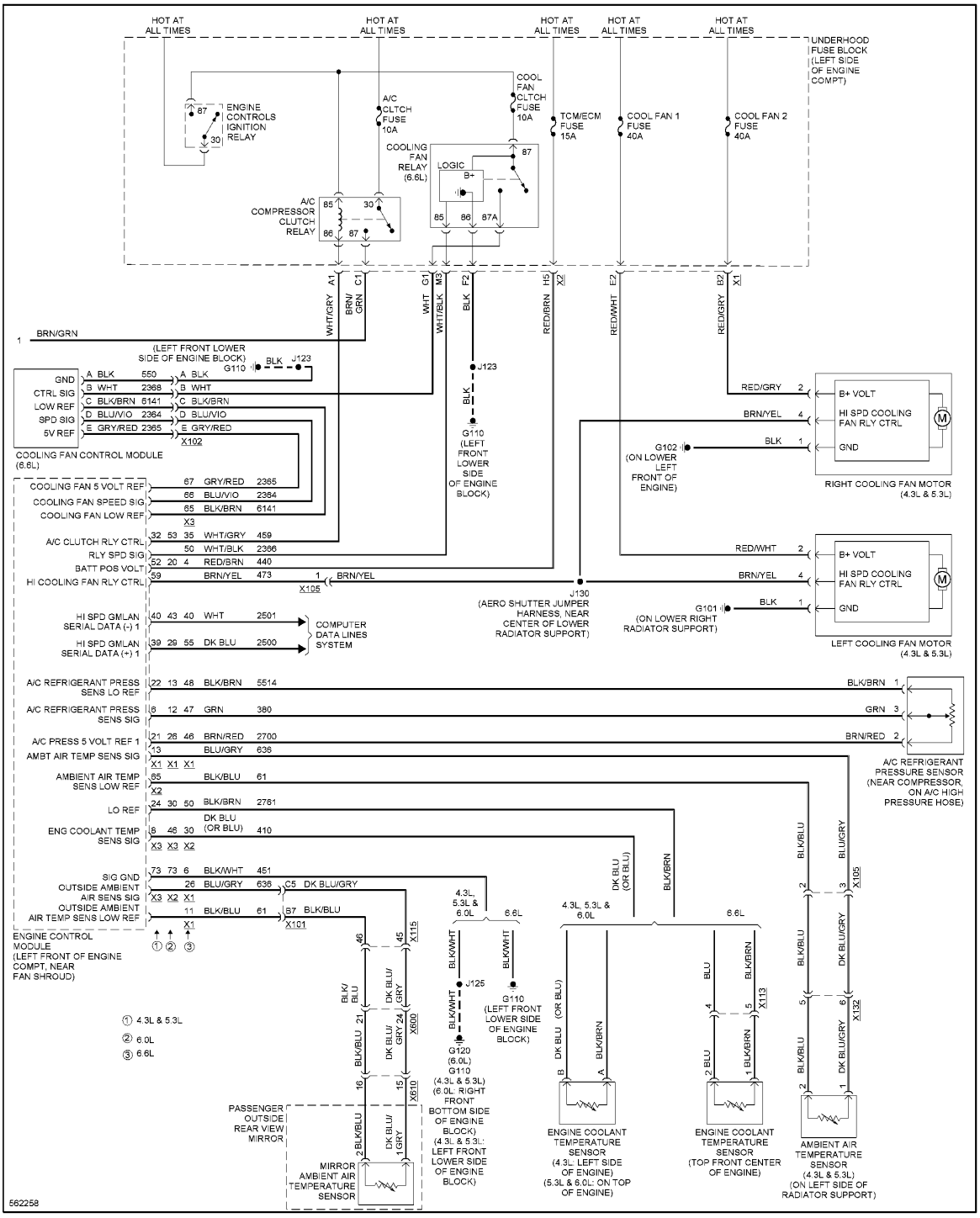

Fig. 8: Manual A/C Circuit (4 of 4)

ANTI-LOCK BRAKES

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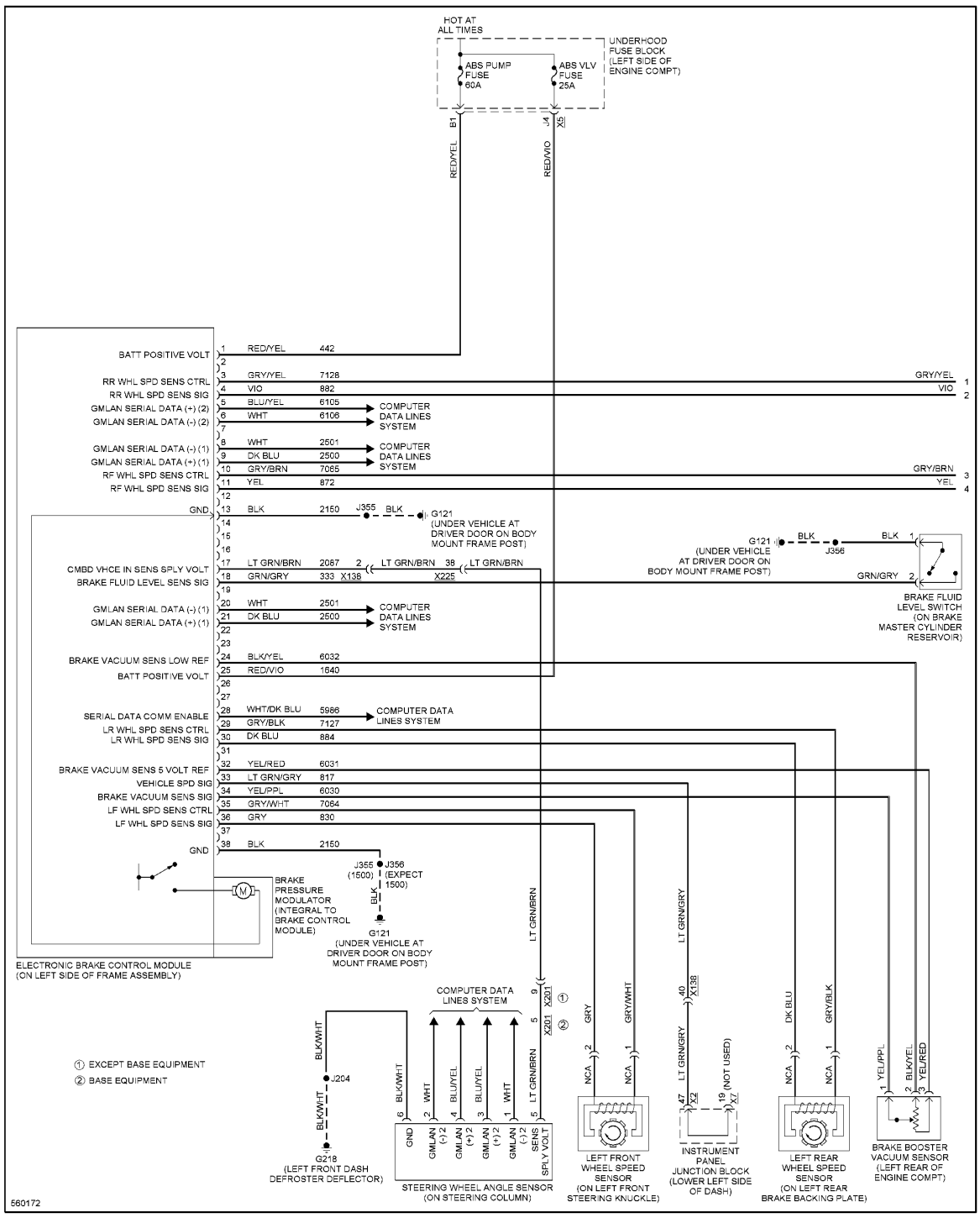

Fig. 9: Anti-Lock Brakes Circuit (1 of 2)

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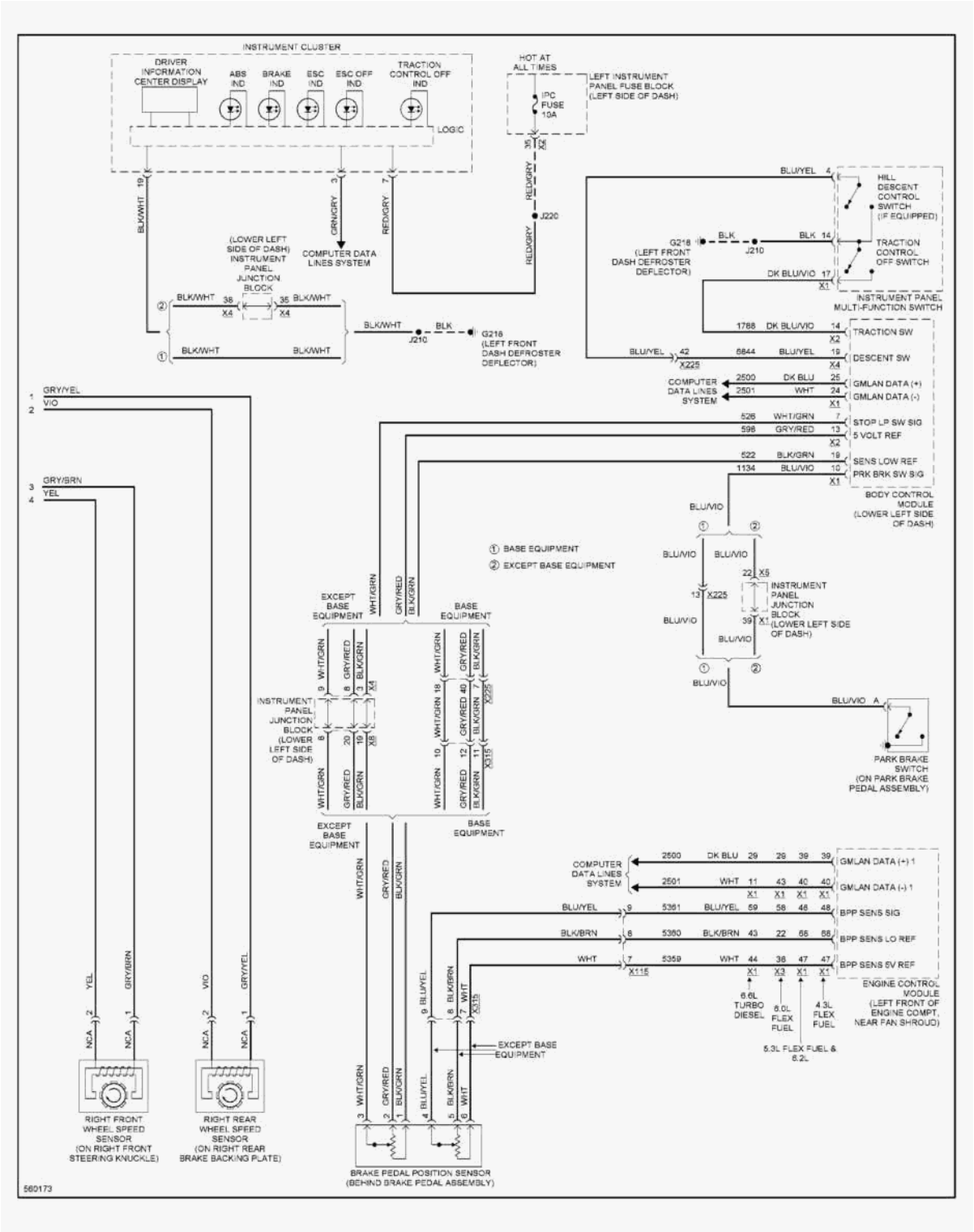

Fig. 10: Anti-Lock Brakes Circuit (2 of 2)

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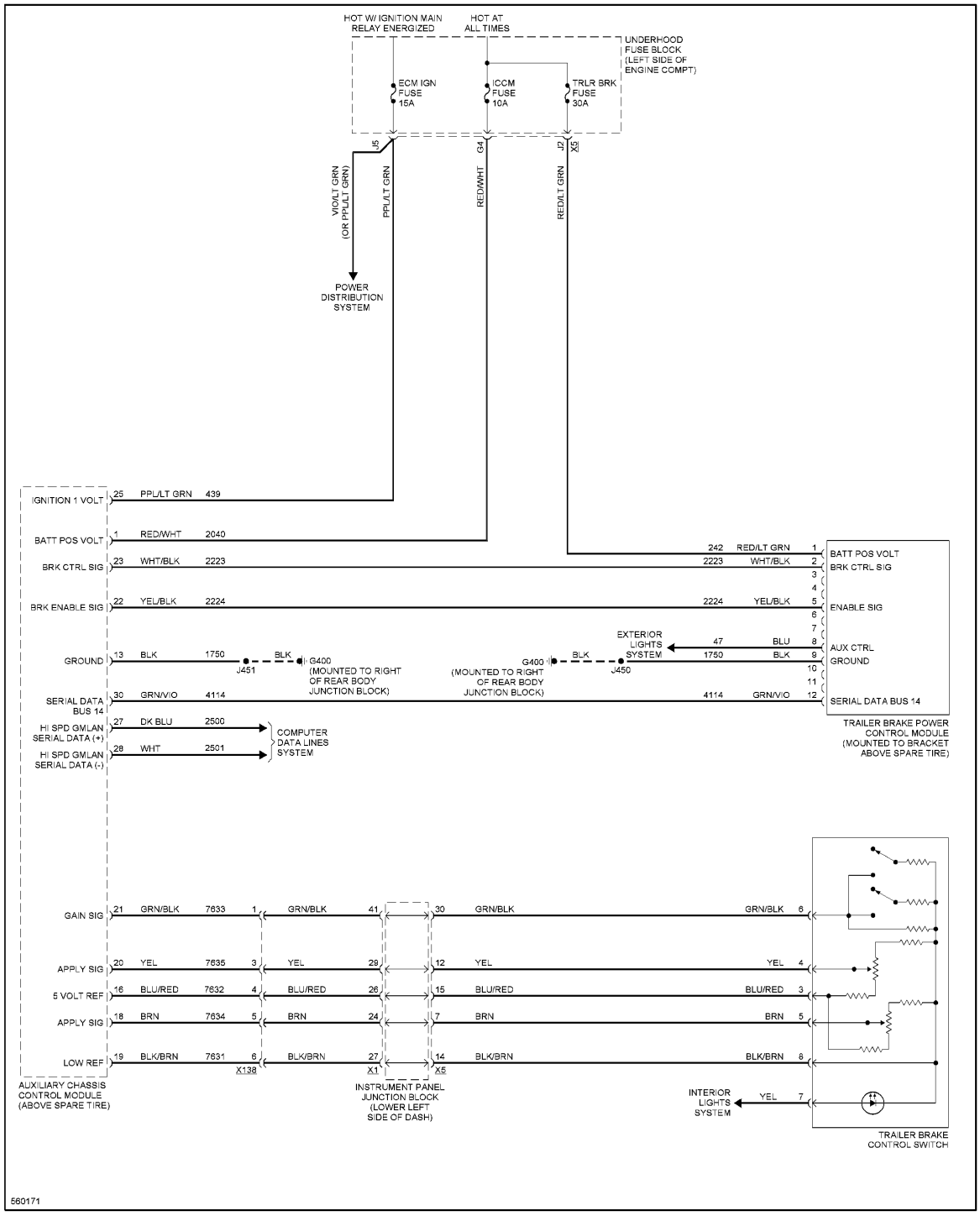

Fig. 11: Trailer ABS Circuit

ANTI-THEFT

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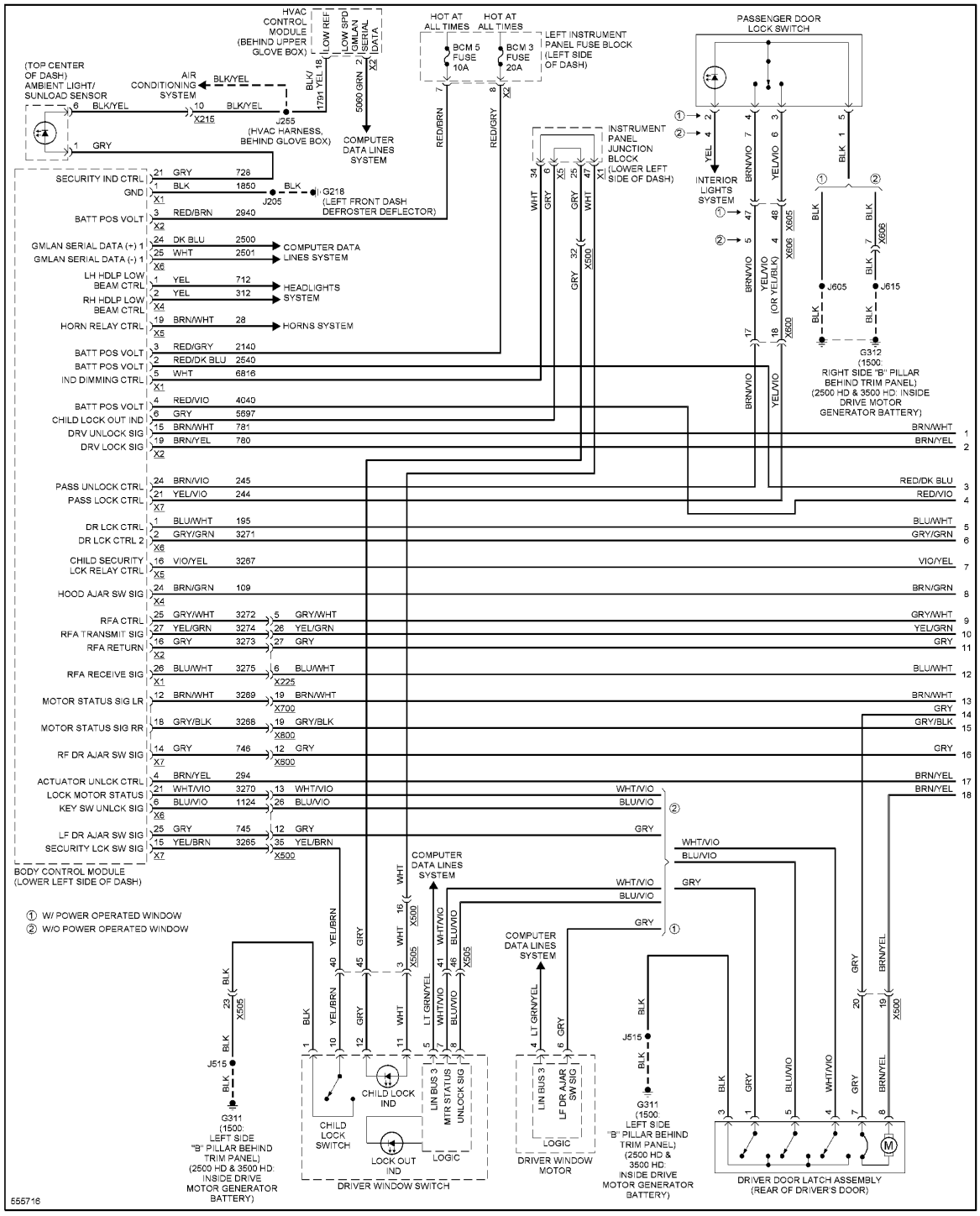

Fig. 12: Forced Entry Circuit (1 of 3)

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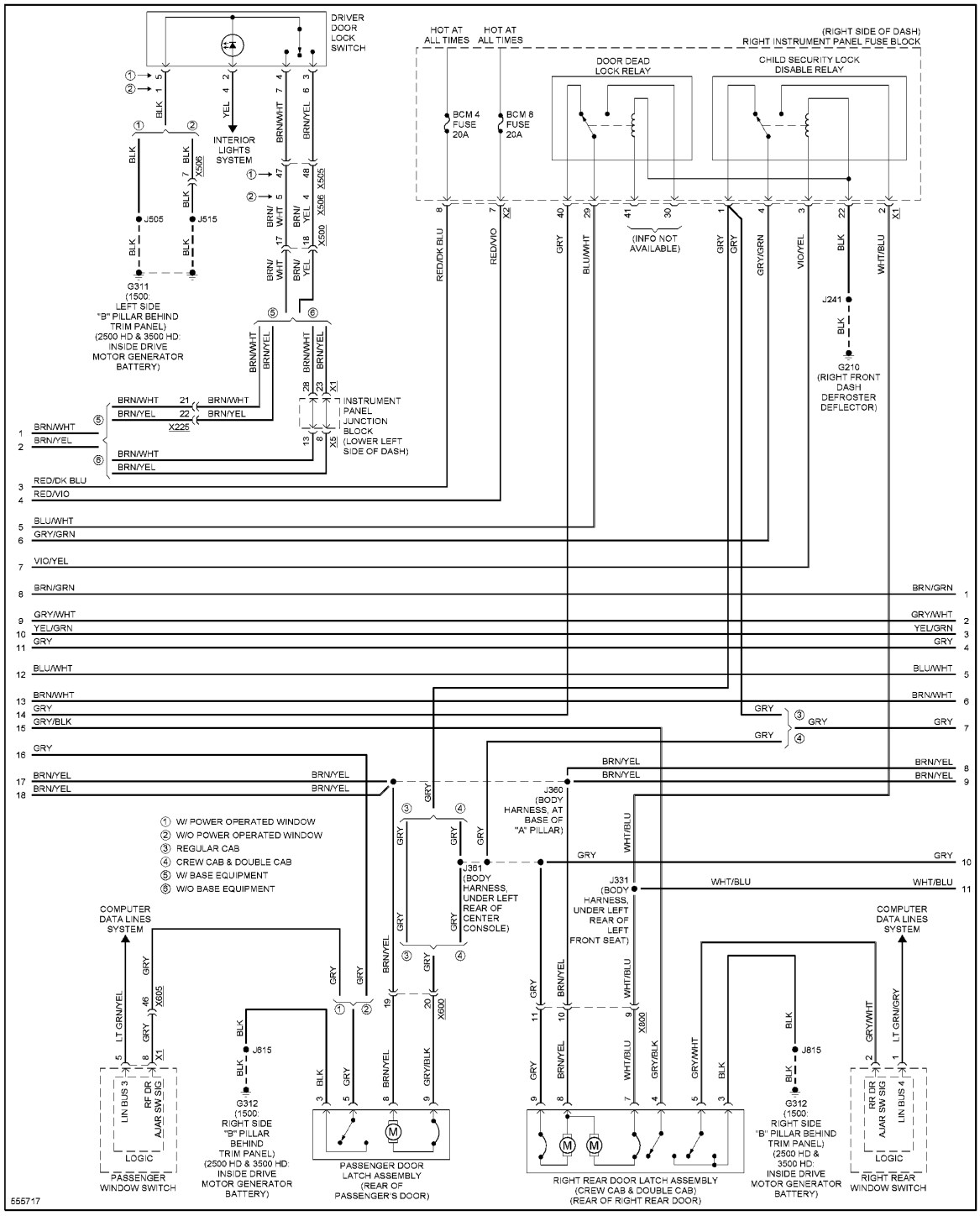

Fig. 13: Forced Entry Circuit (2 of 3)

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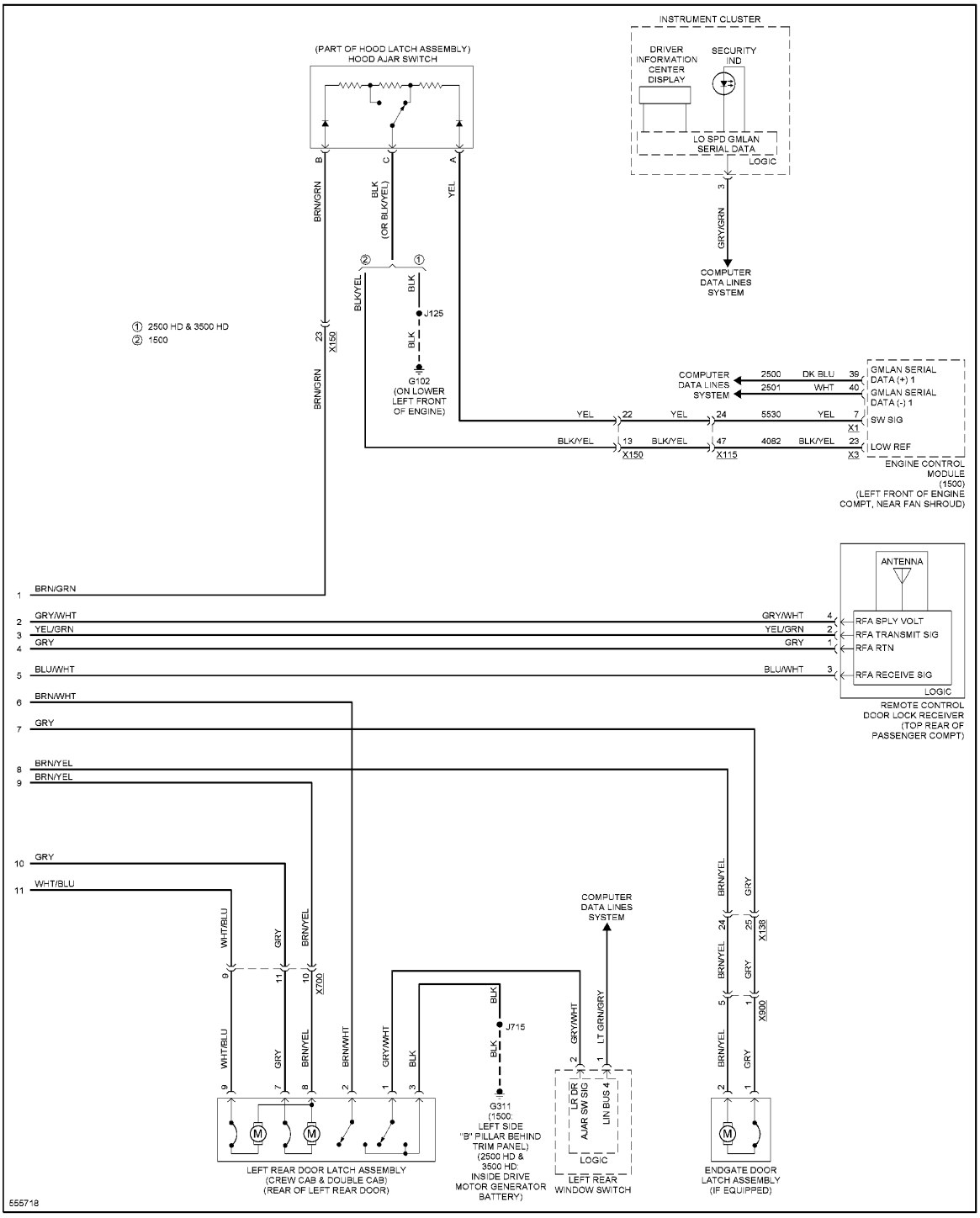

Fig. 14: Forced Entry Circuit (3 of 3)

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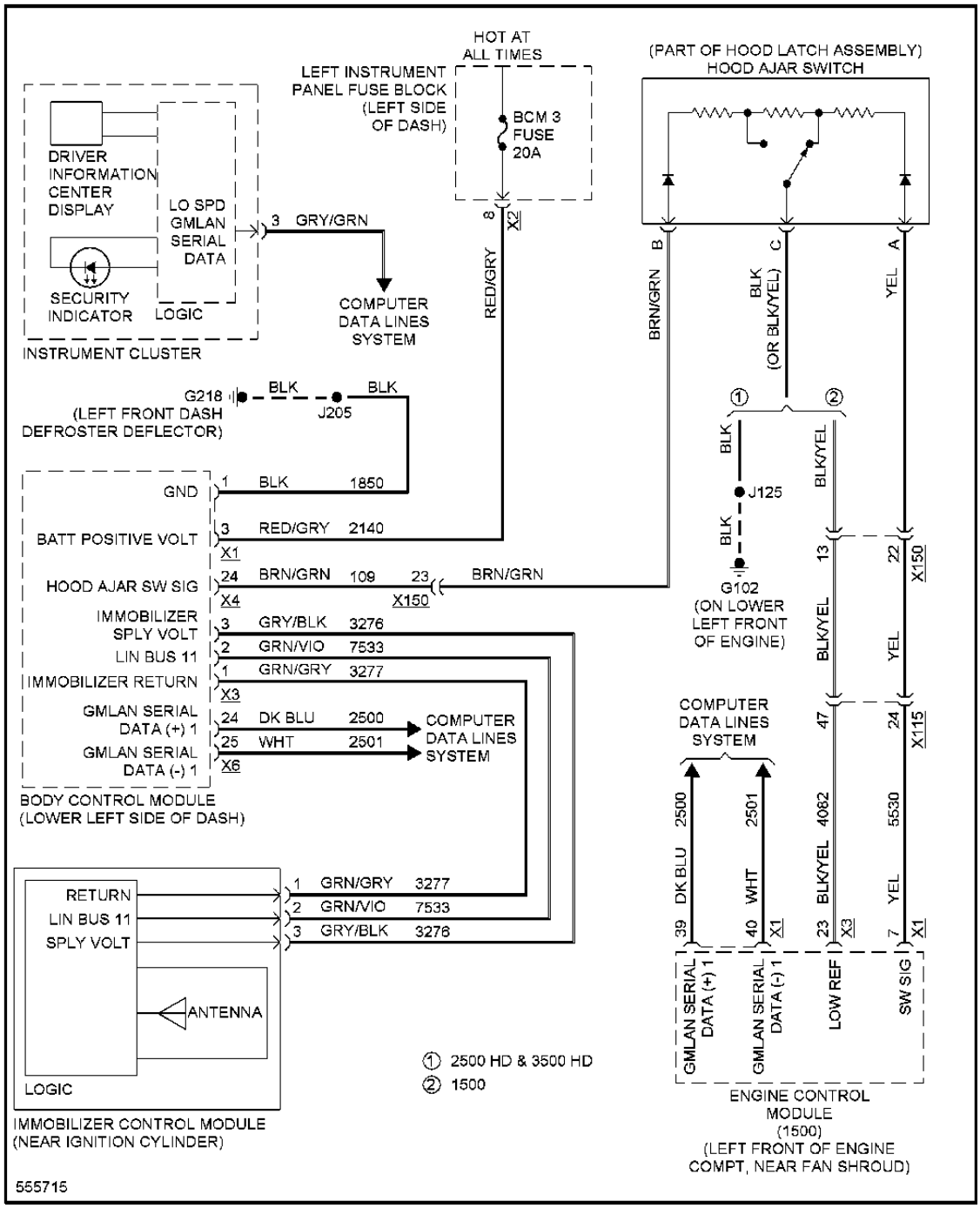

Fig. 15: Pass-Key Circuit

BODY CONTROL MODULES

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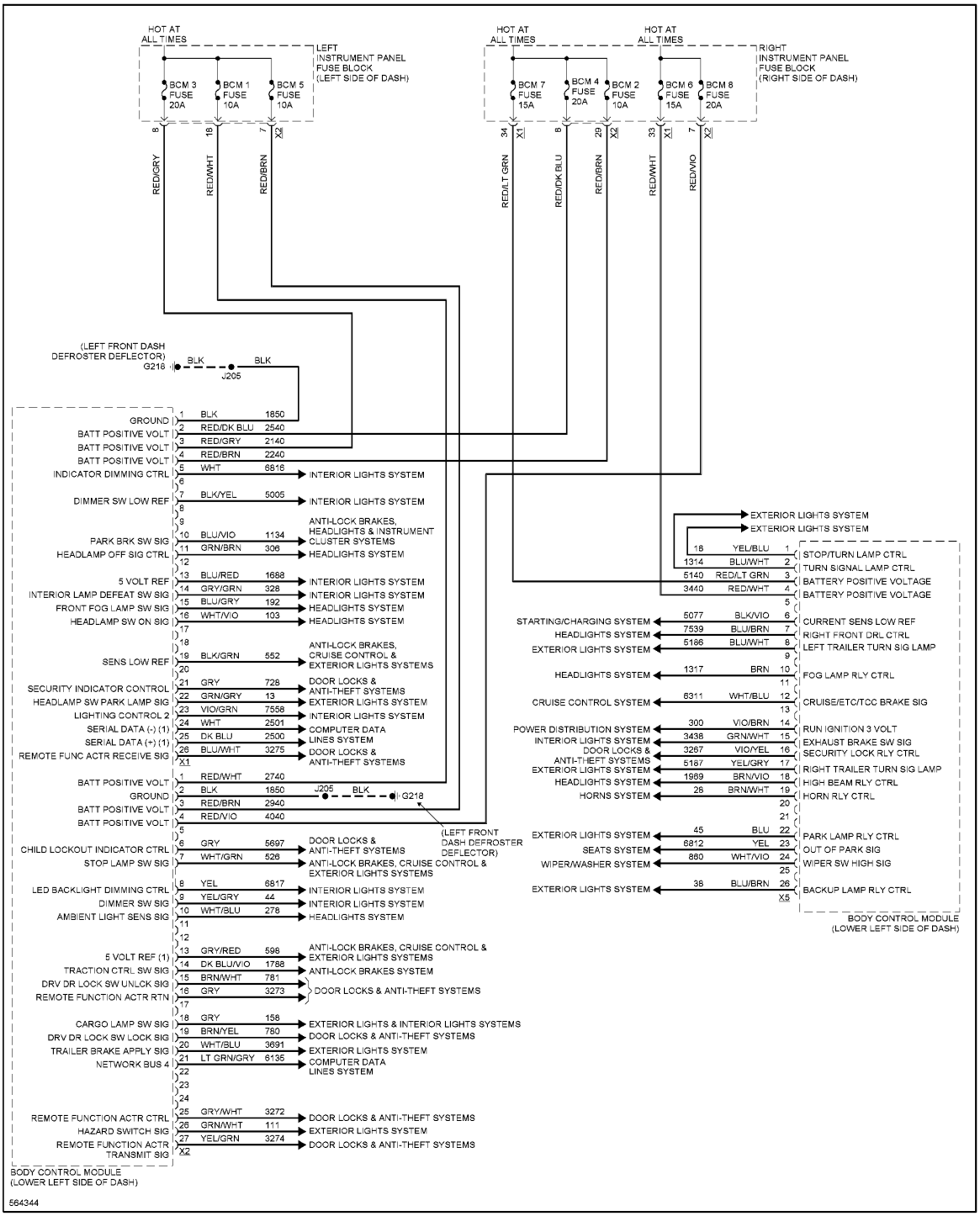

Fig. 16: Body Control Modules Circuit (1 of 2)

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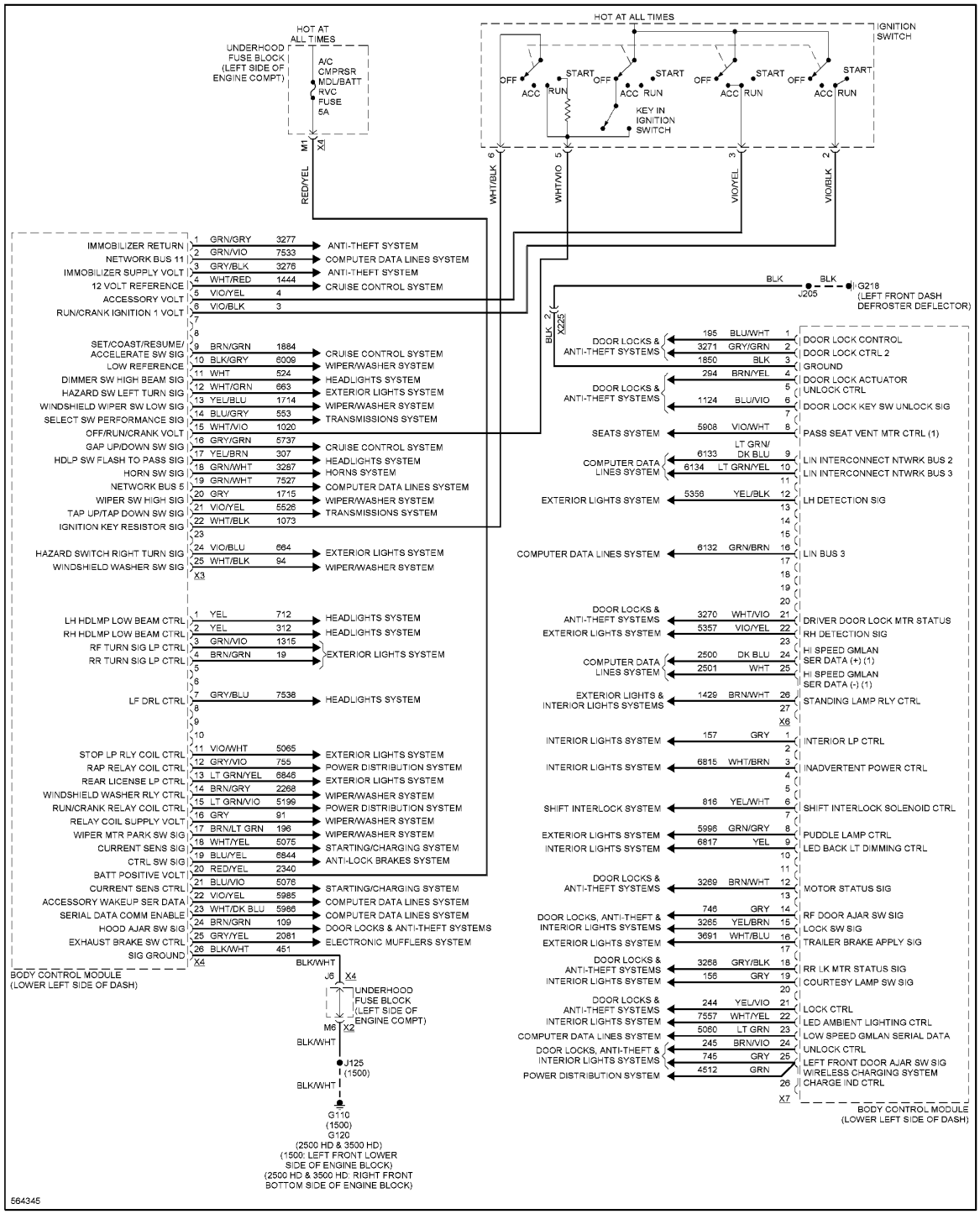

Fig. 17: Body Control Modules Circuit (2 of 2)

COMPUTER DATA LINES

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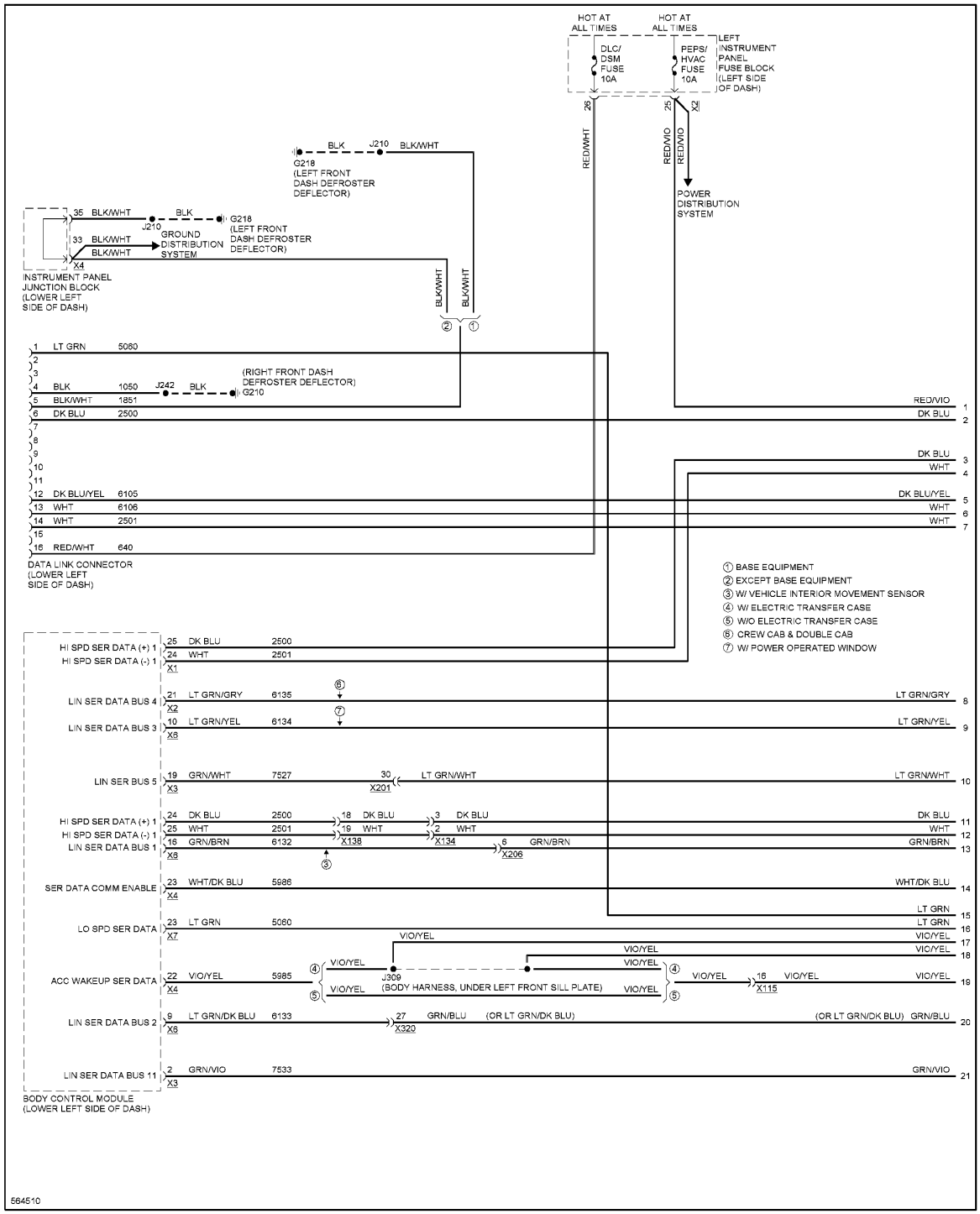

Fig. 18: Computer Data Lines Circuit (1 of 7)

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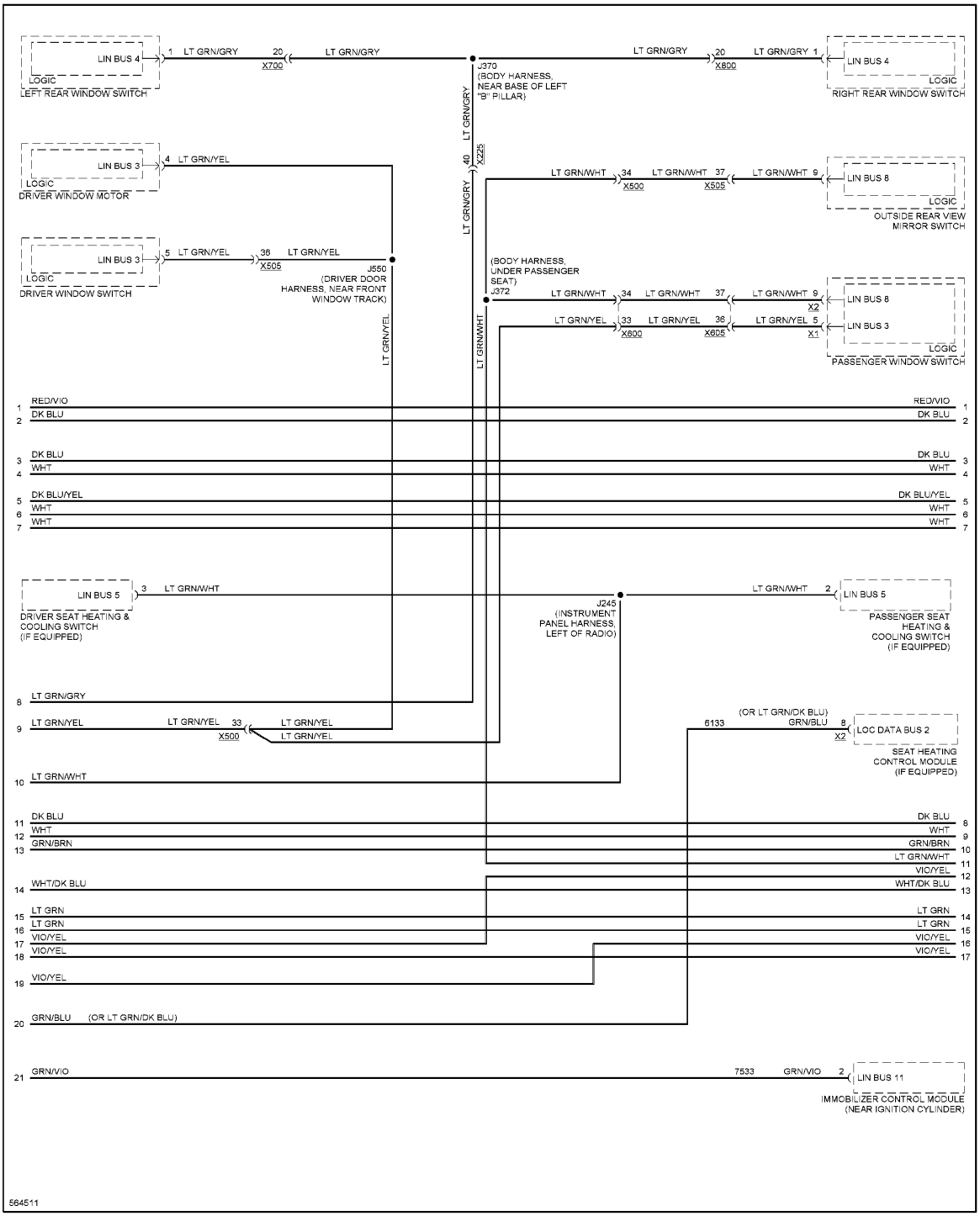

Fig. 19: Computer Data Lines Circuit (2 of 7)

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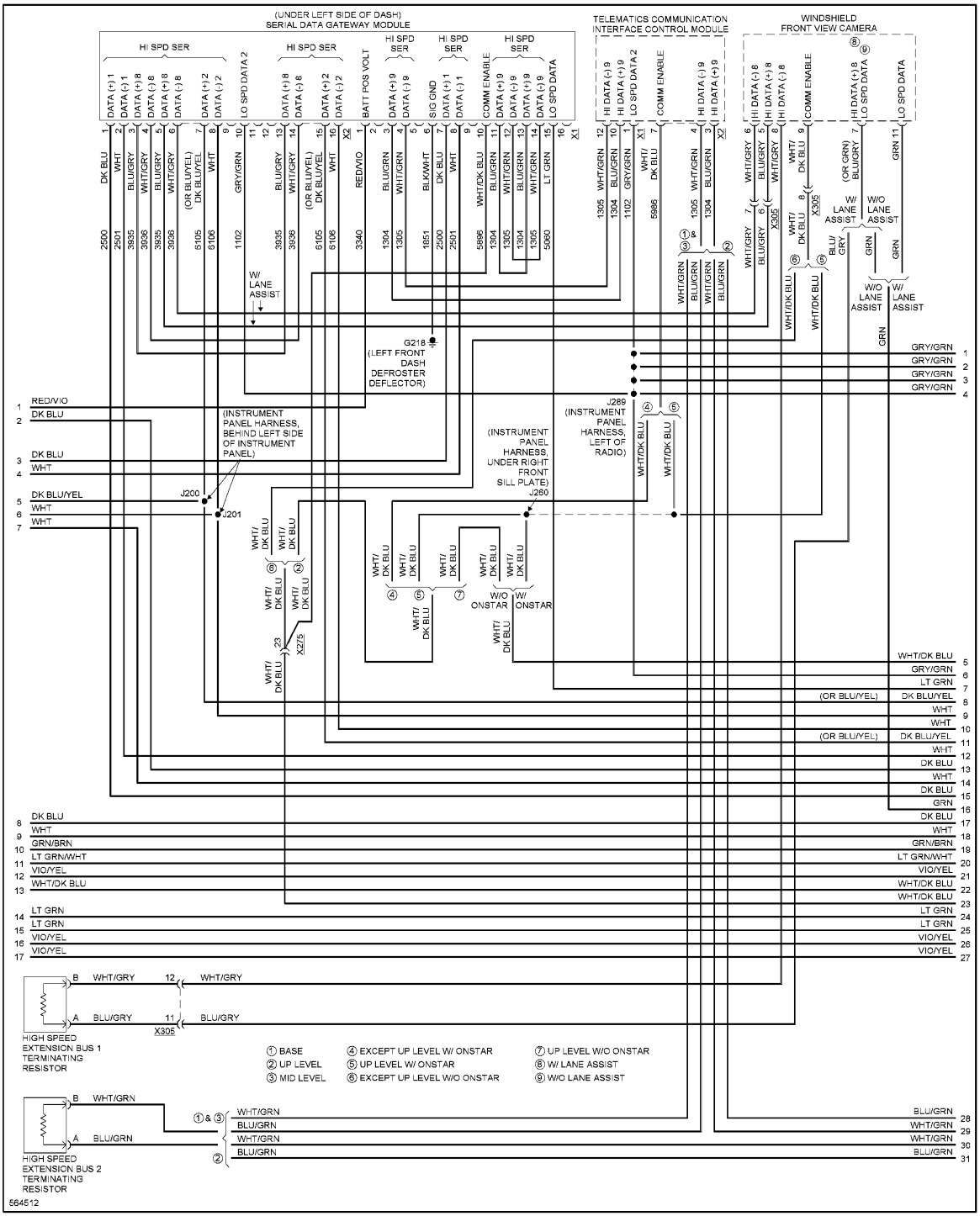

Fig. 20: Computer Data Lines Circuit (3 of 7)

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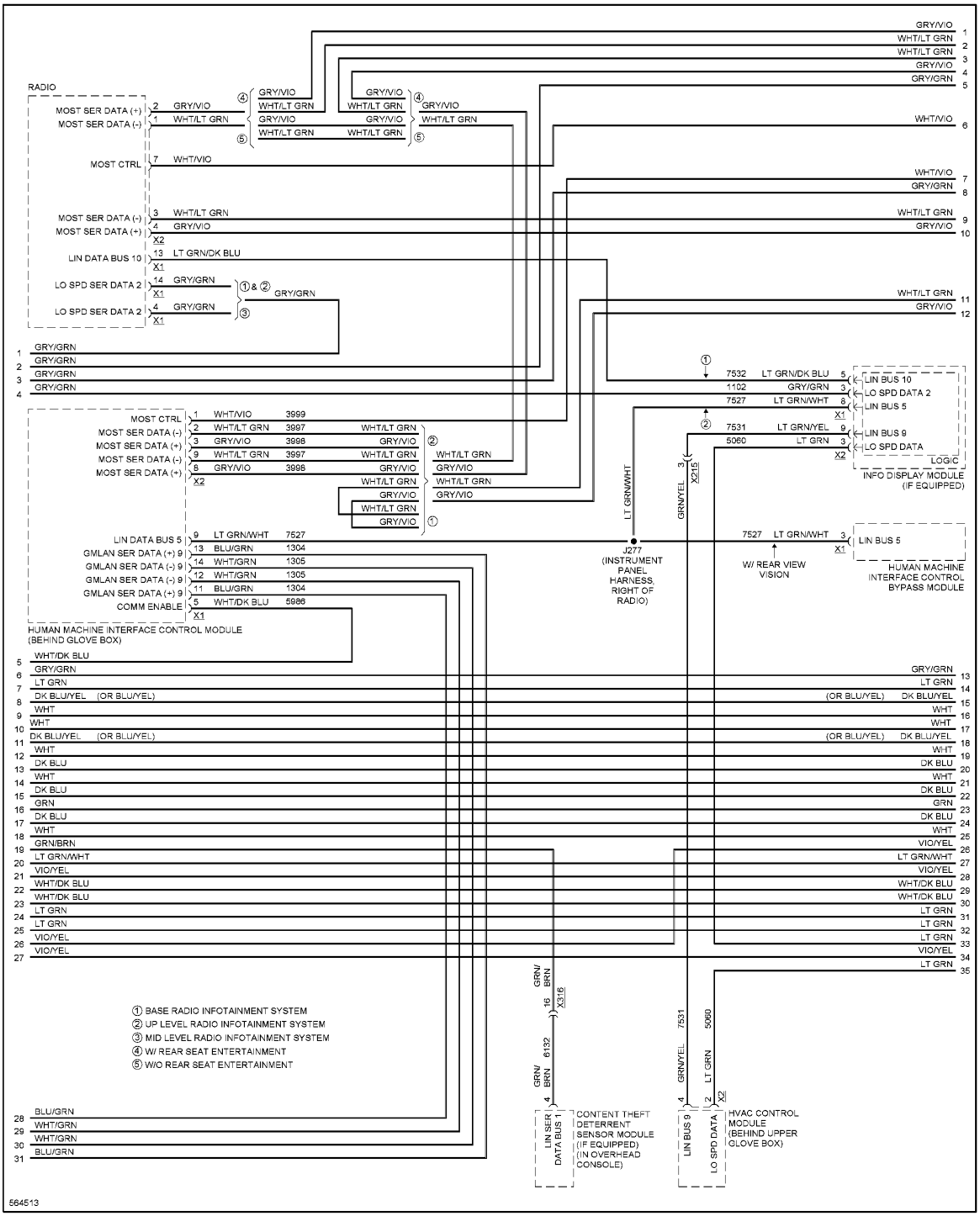

Fig. 21: Computer Data Lines Circuit (4 of 7)

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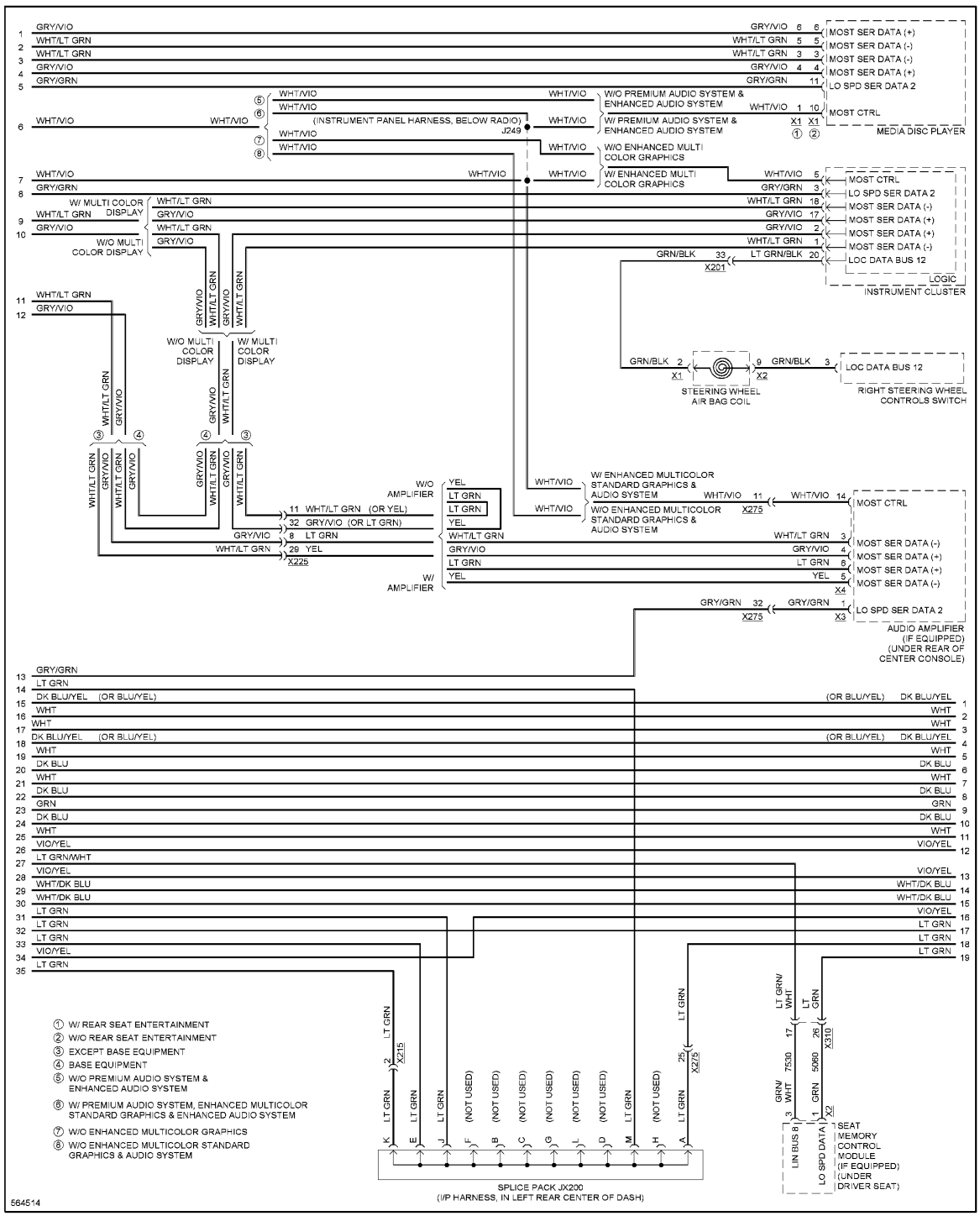

Fig. 22: Computer Data Lines Circuit (5 of 7)

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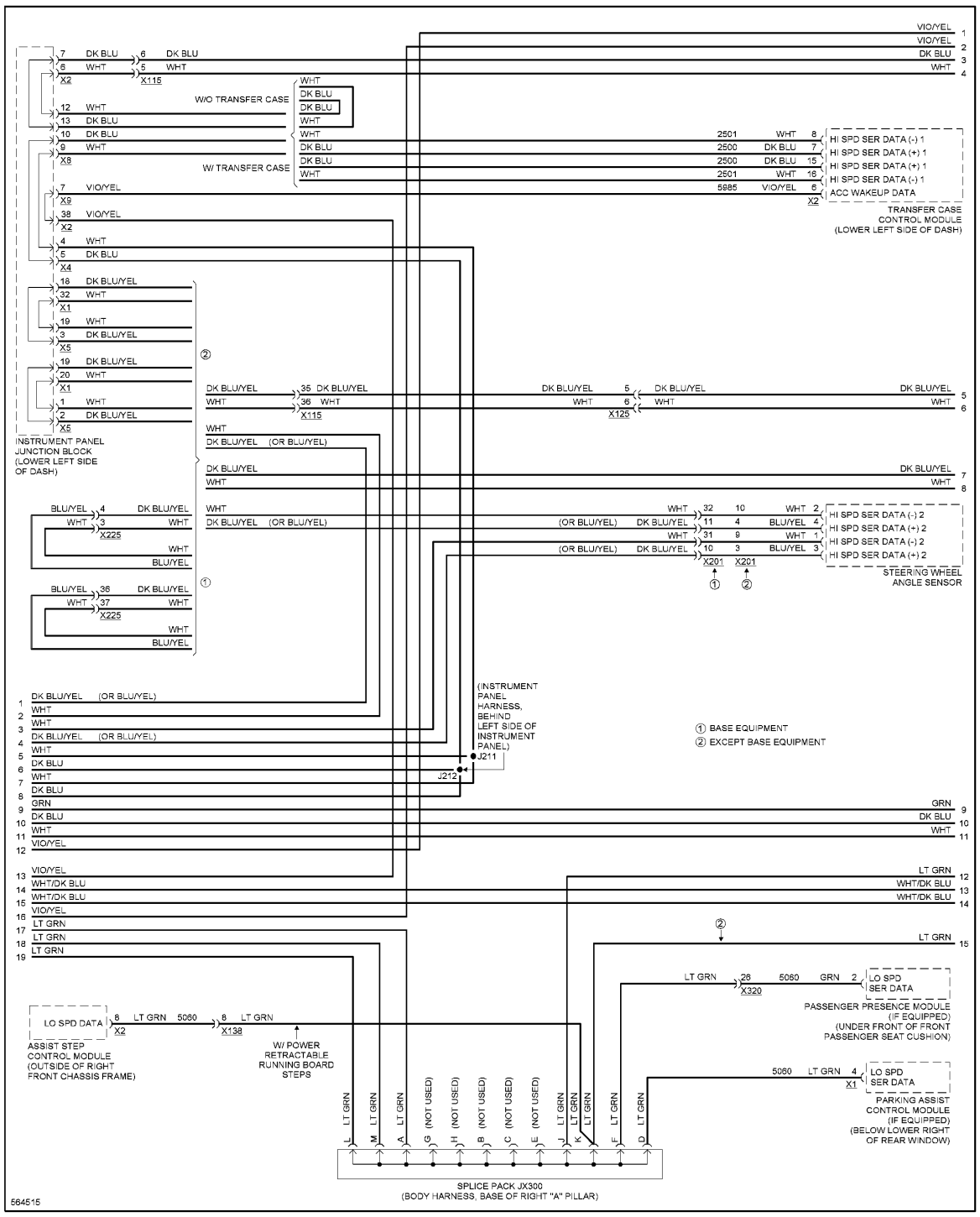

Fig. 23: Computer Data Lines Circuit (6 of 7)

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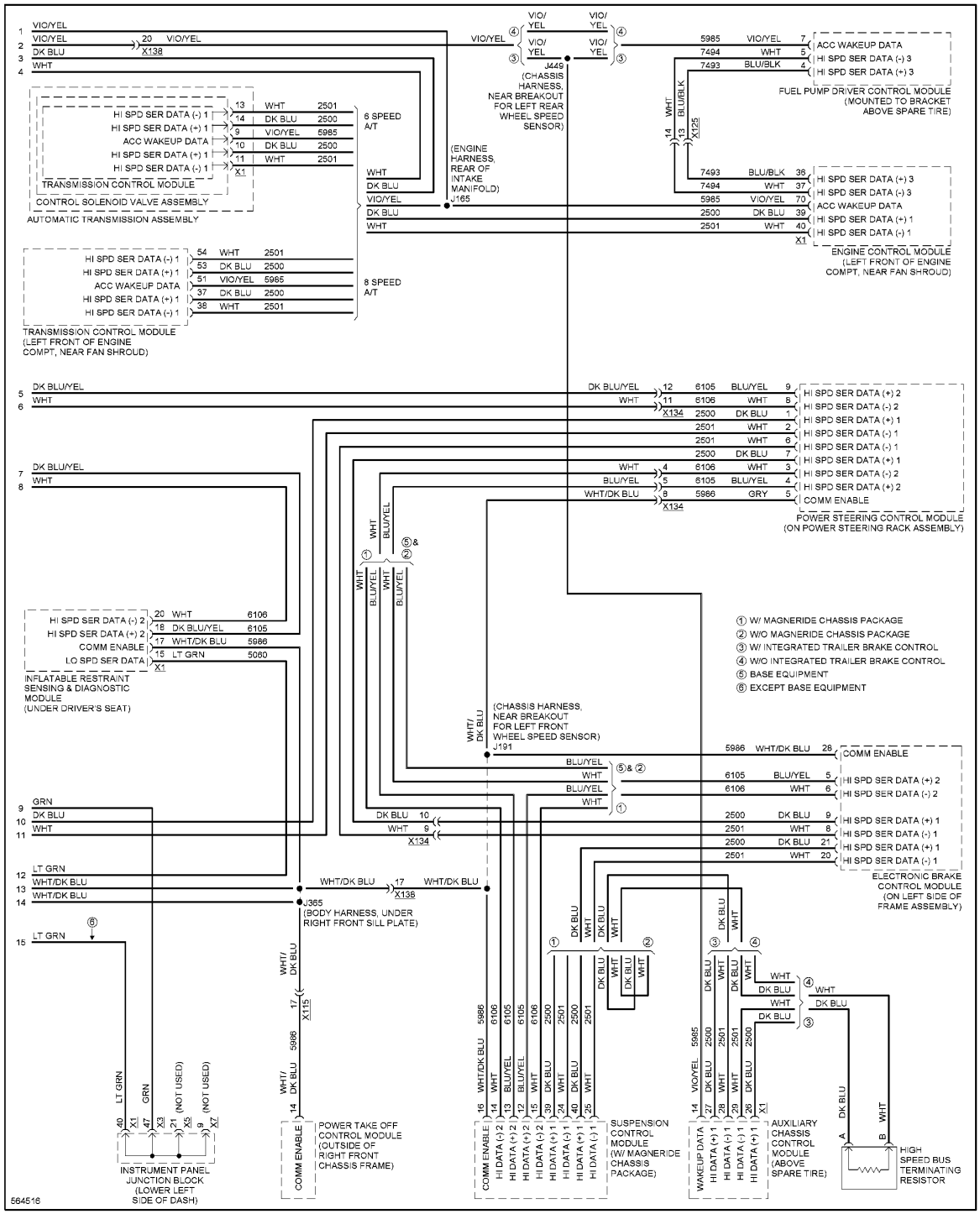

Fig. 24: Computer Data Lines Circuit (7 of 7)

COOLING FAN

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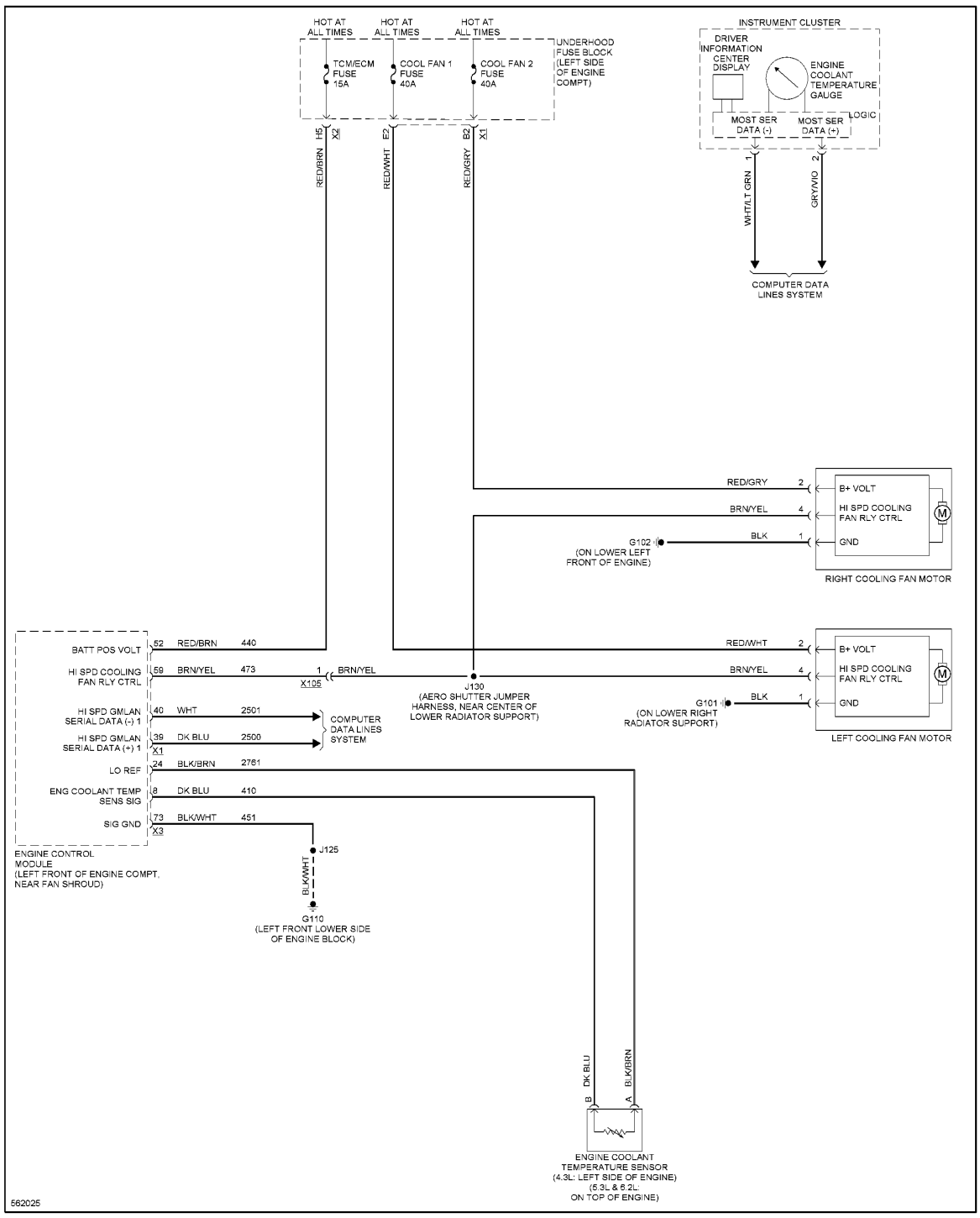

Fig. 25: Cooling Fan Circuit

CRUISE CONTROL

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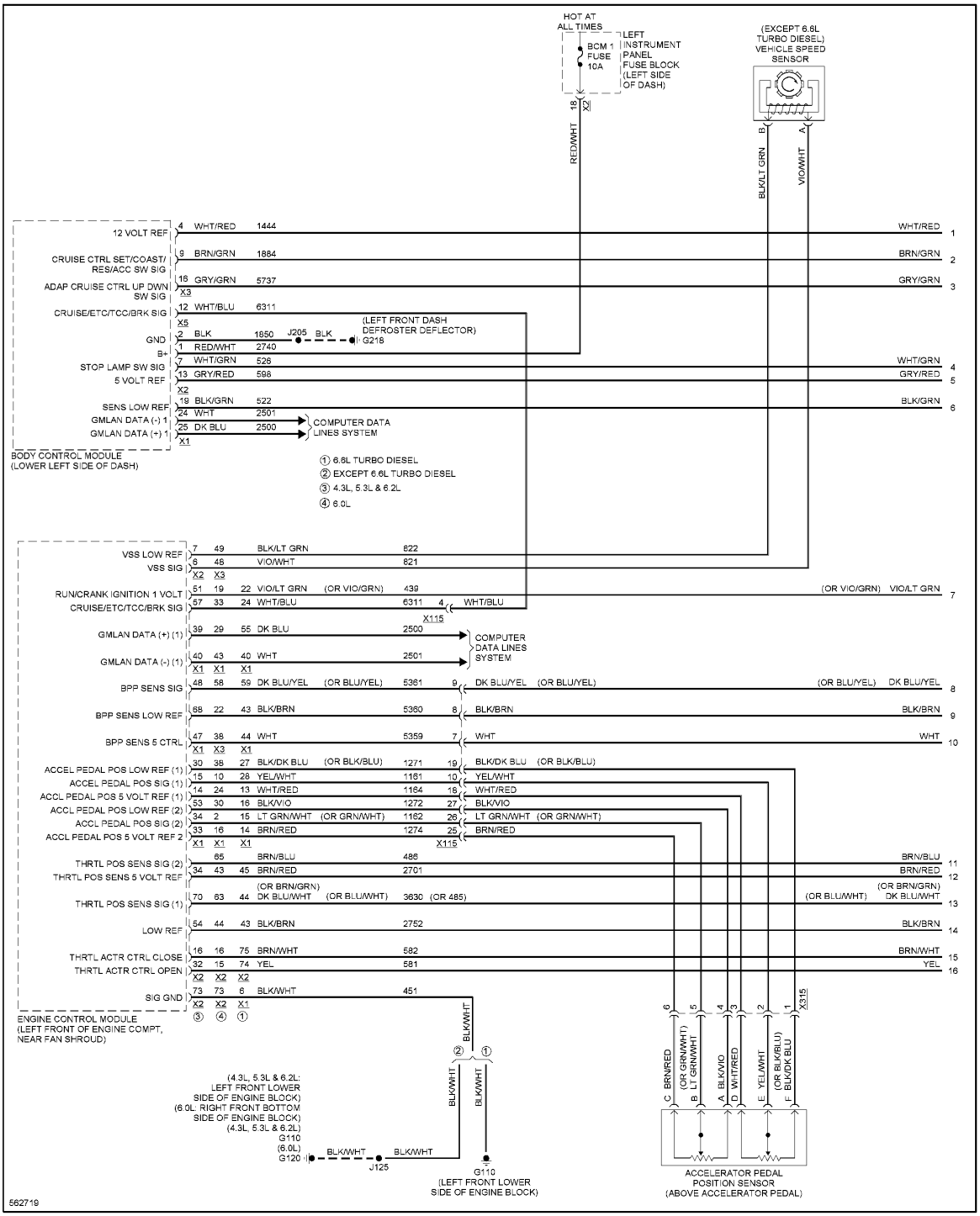

Fig. 26: Cruise Control Circuit (1 of 3)

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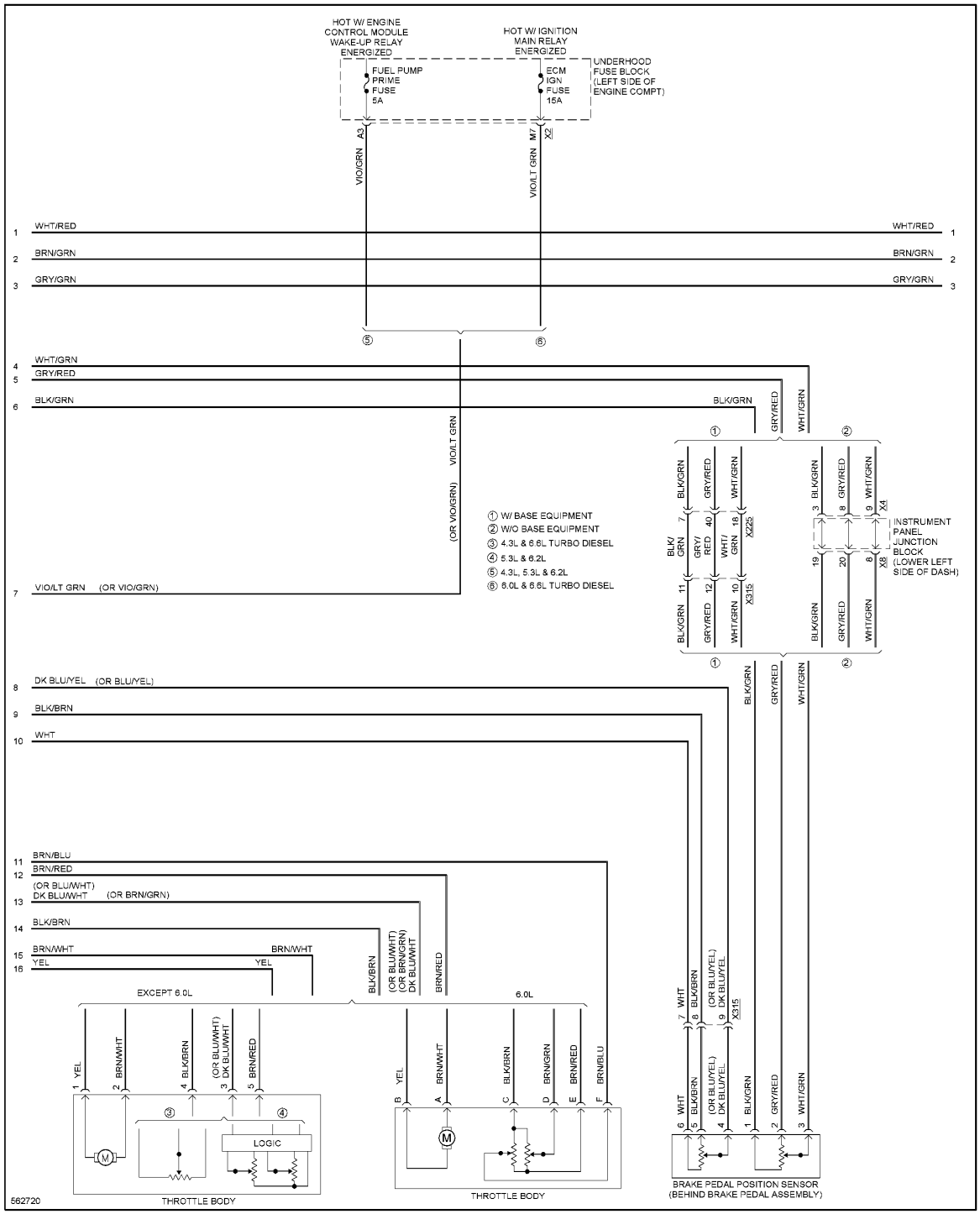

Fig. 27: Cruise Control Circuit (2 of 3)

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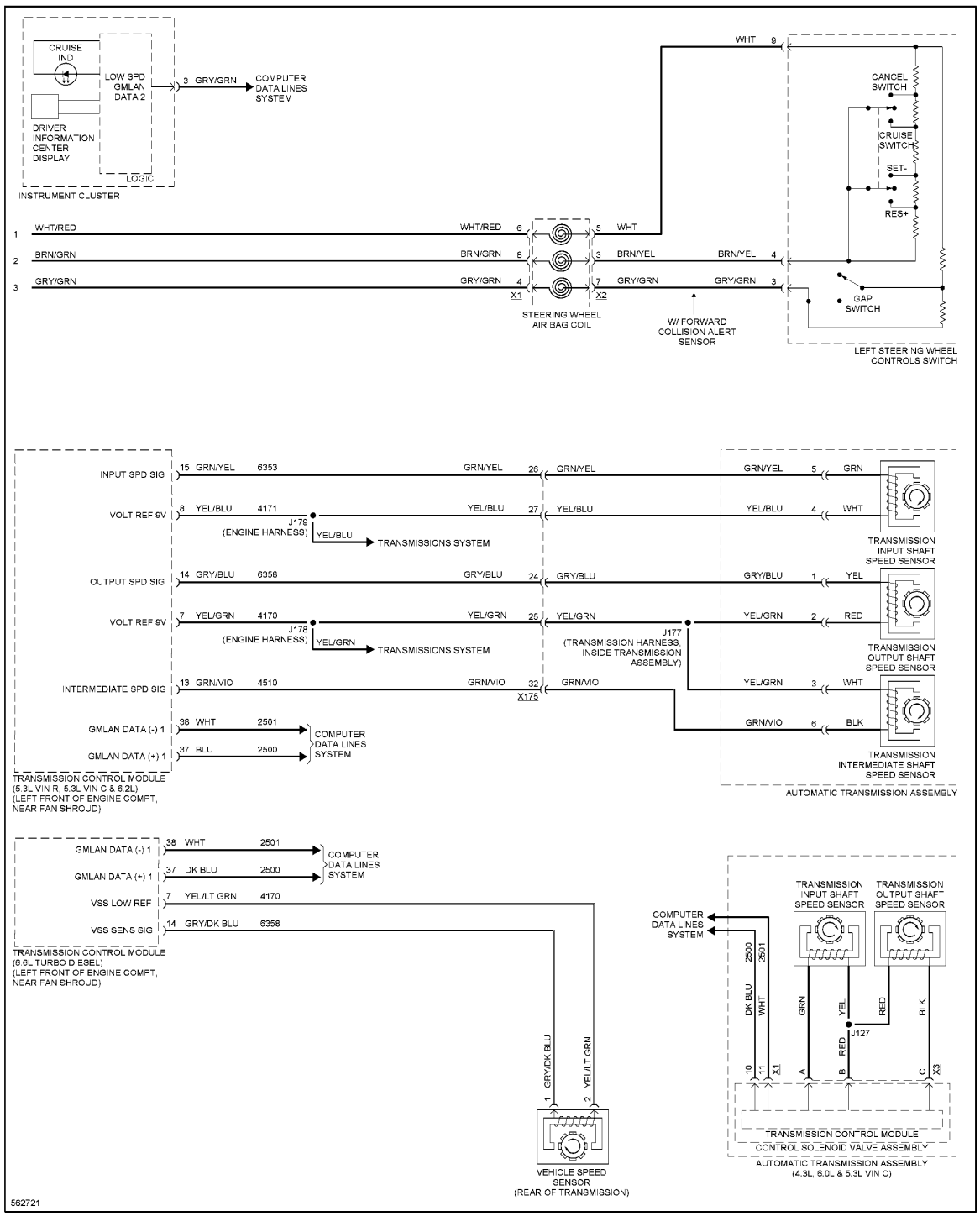

Fig. 28: Cruise Control Circuit (3 of 3)

DEFOGGERS

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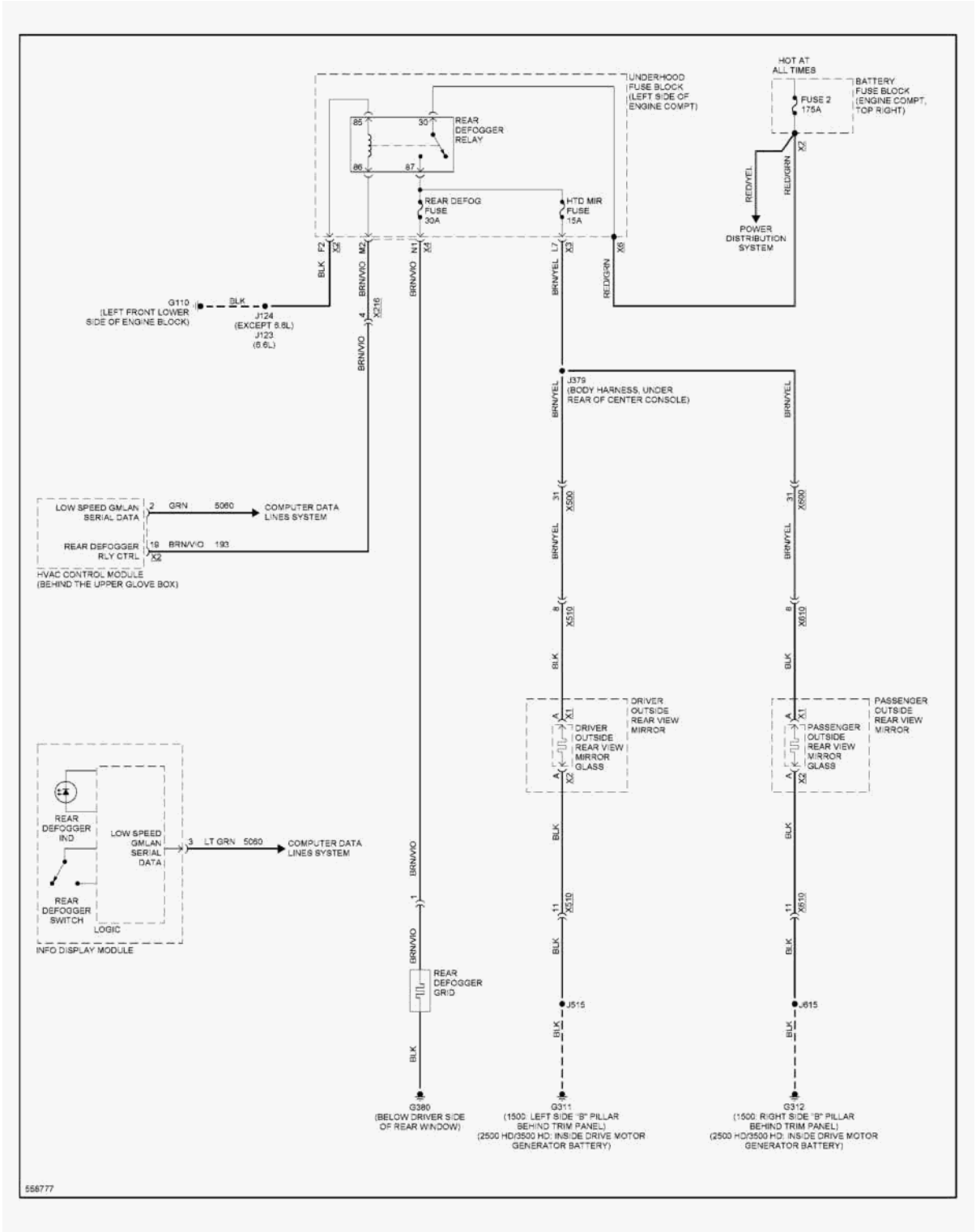

Fig. 29: Defoggers Circuit

ELECTRONIC MUFFLER

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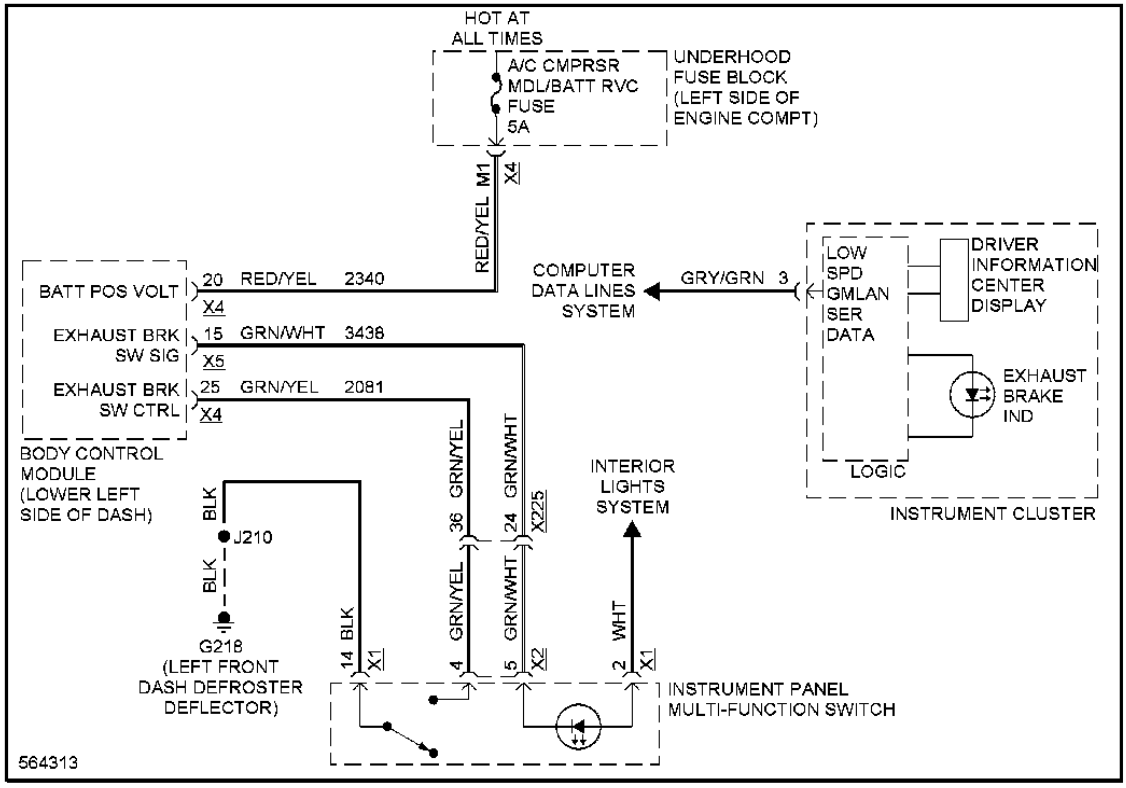

Fig. 30: Electronic Muffler Circuit

ELECTRONIC POWER STEERING

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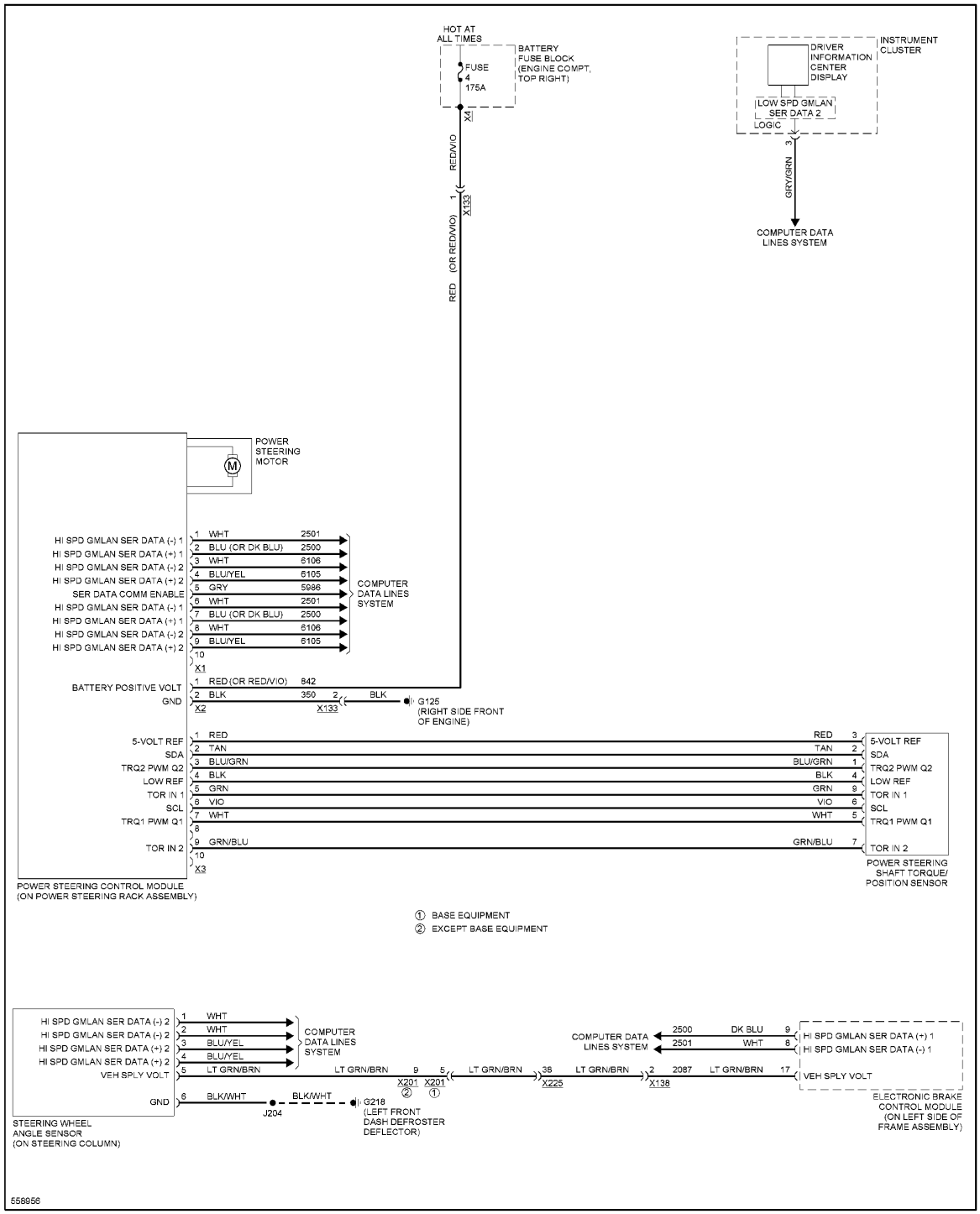

Fig. 31: Electronic Power Steering Circuit

ELECTRONIC SUSPENSION

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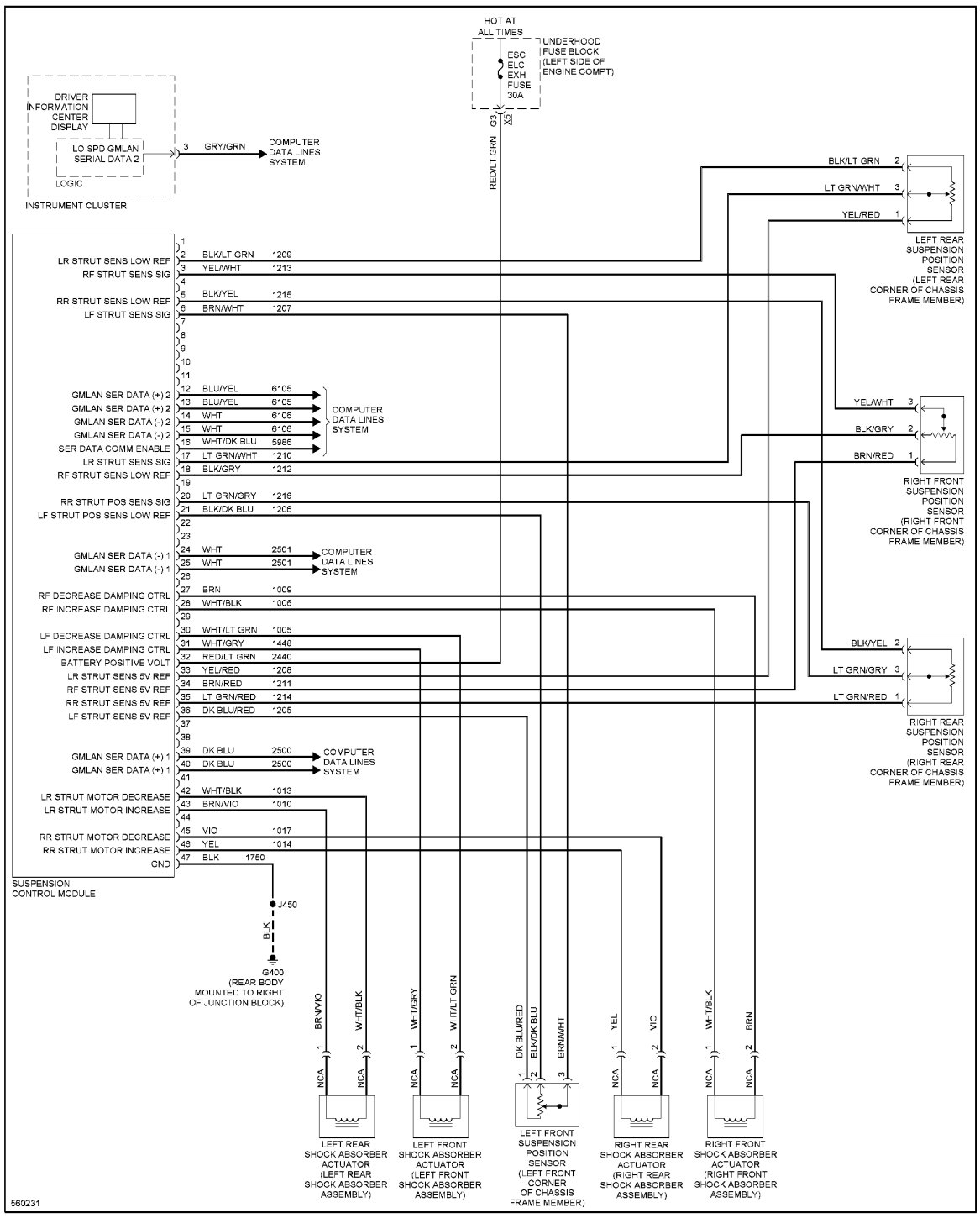

Fig. 32: Electronic Suspension Circuit

ENGINE PERFORMANCE

4.3L VIN H

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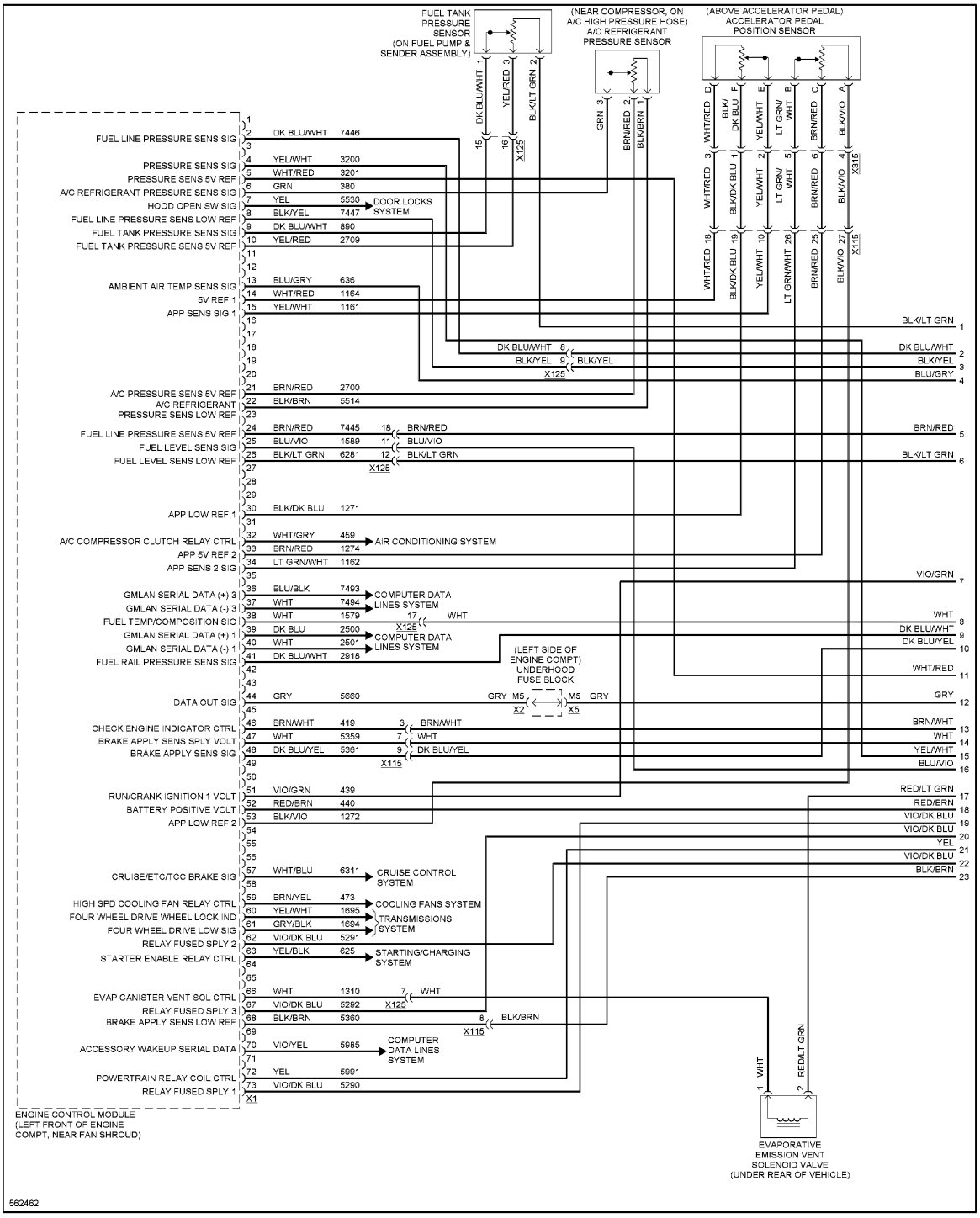

Fig. 33: 4.3L VIN H, Engine Performance Circuit (1 of 6)

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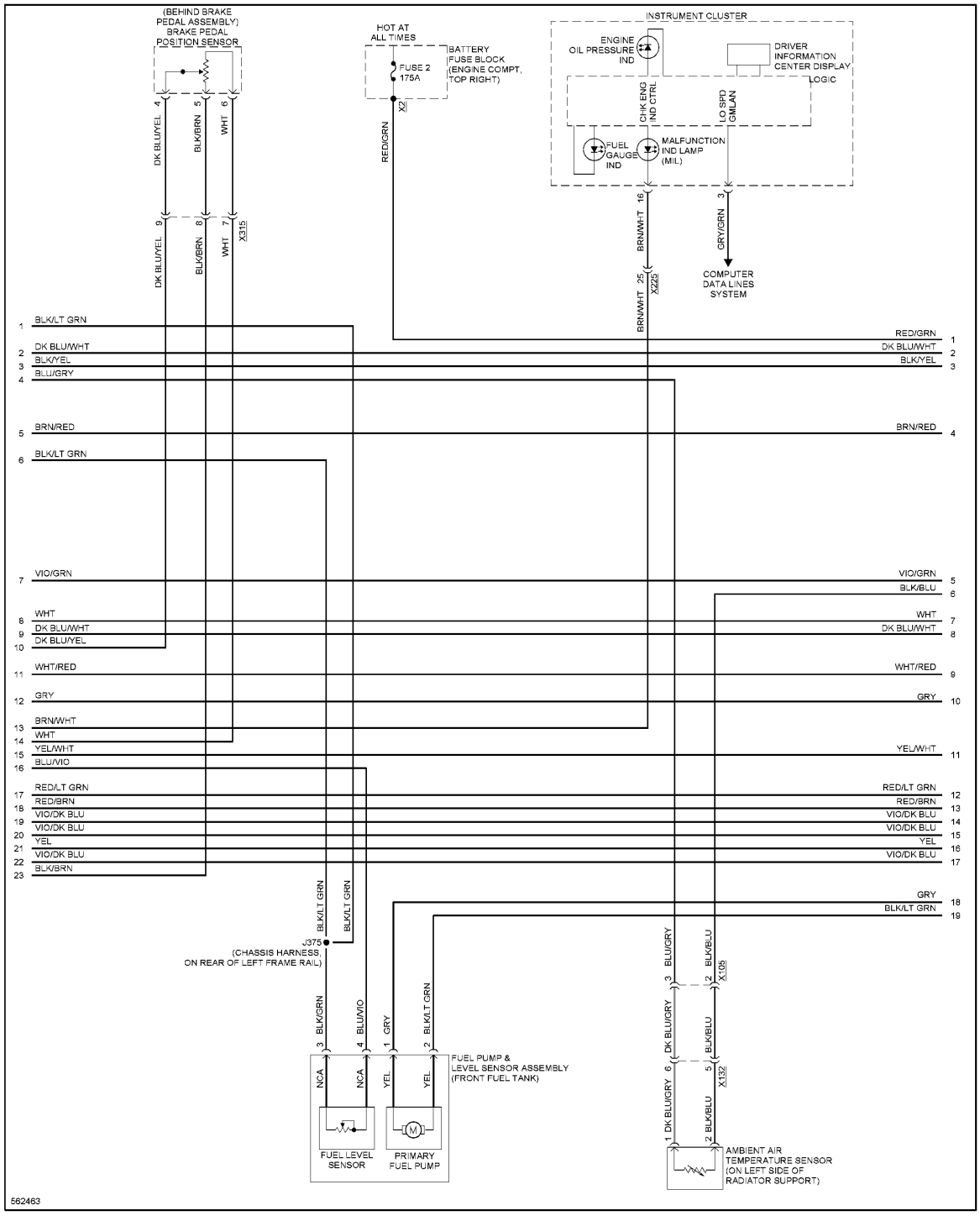

Fig. 34: 4.3L VIN H, Engine Performance Circuit (2 of 6)

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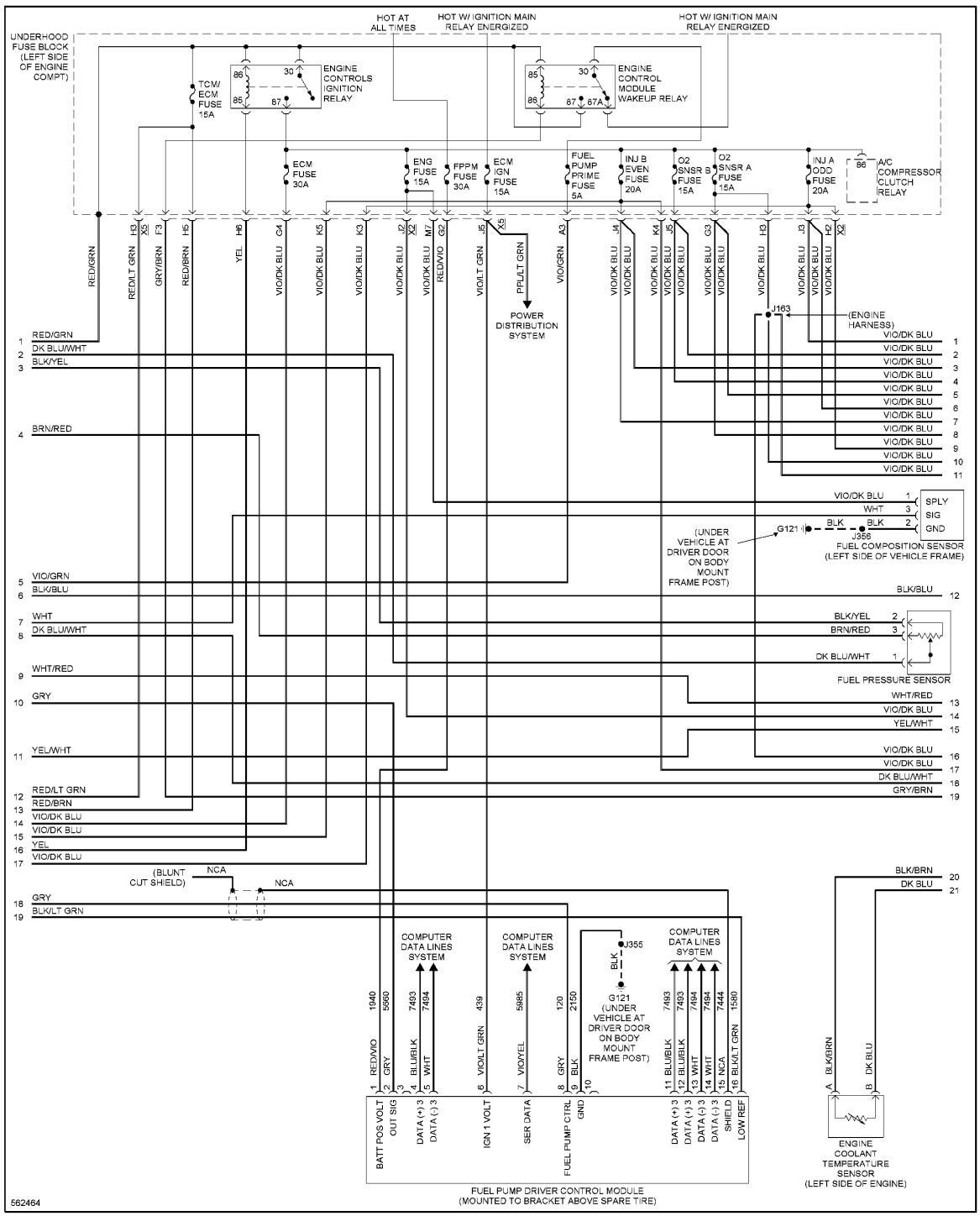

Fig. 35: 4.3L VIN H, Engine Performance Circuit (3 of 6)

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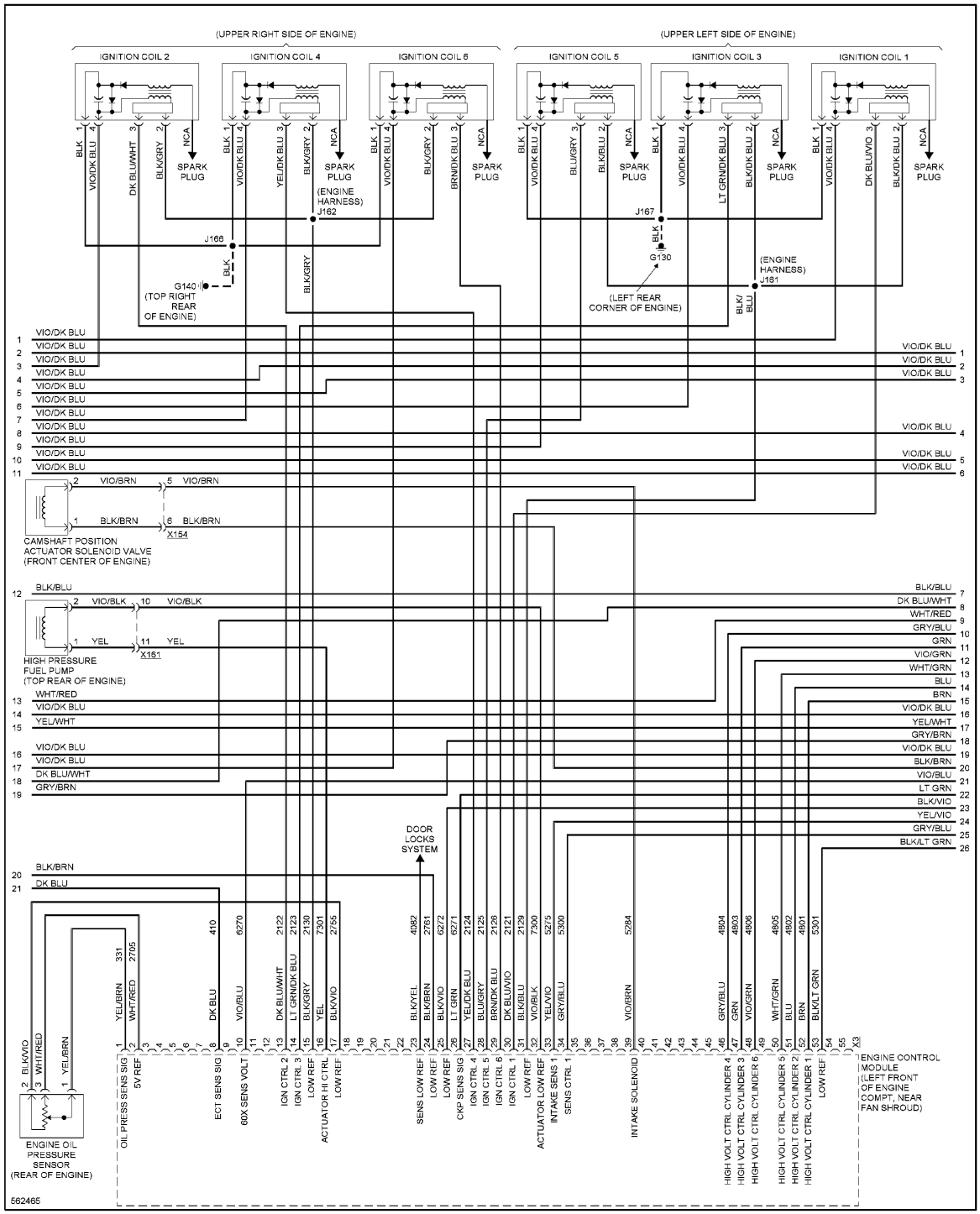

Fig. 36: 4.3L VIN H, Engine Performance Circuit (4 of 6)

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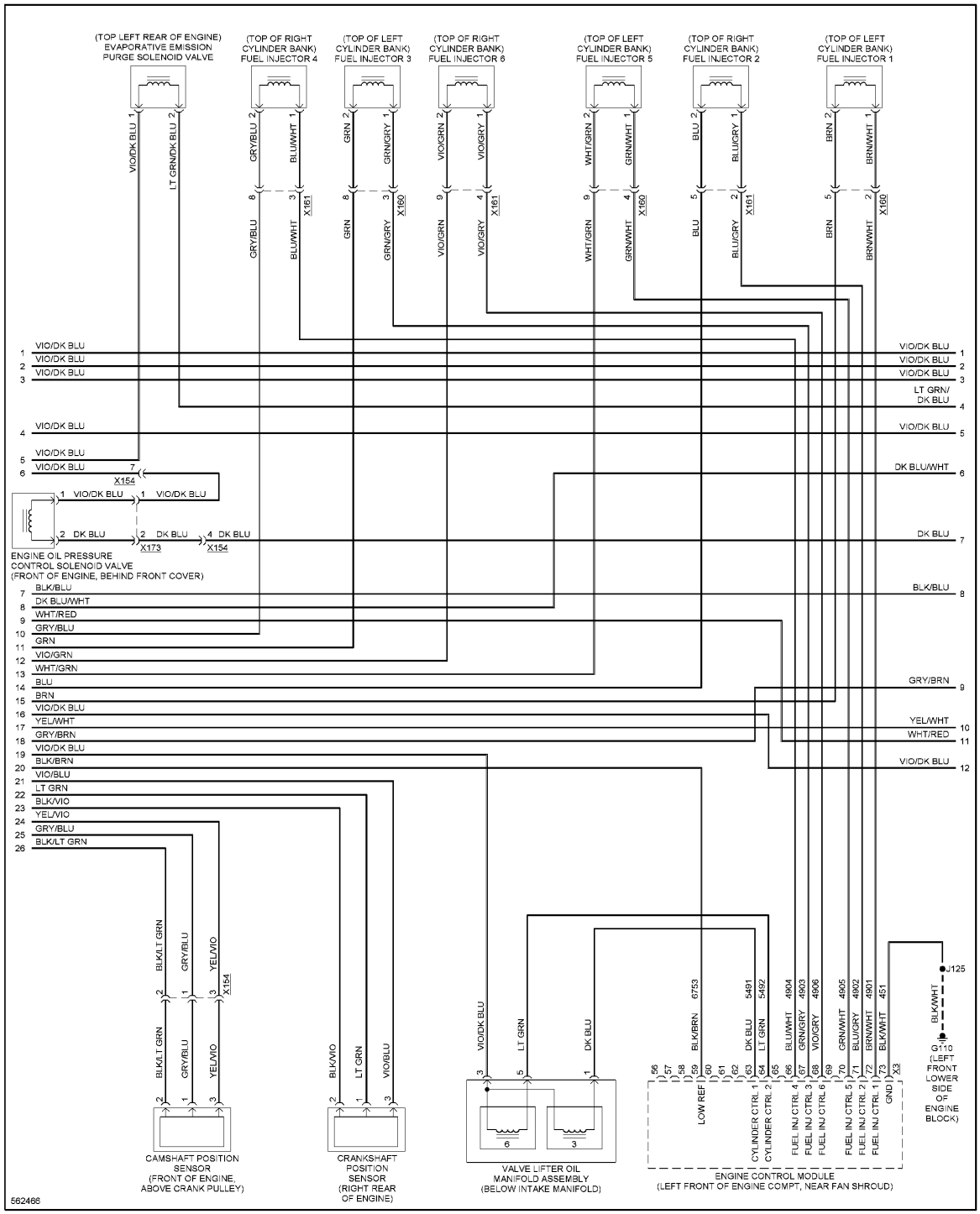

Fig. 37: 4.3L VIN H, Engine Performance Circuit (5 of 6)

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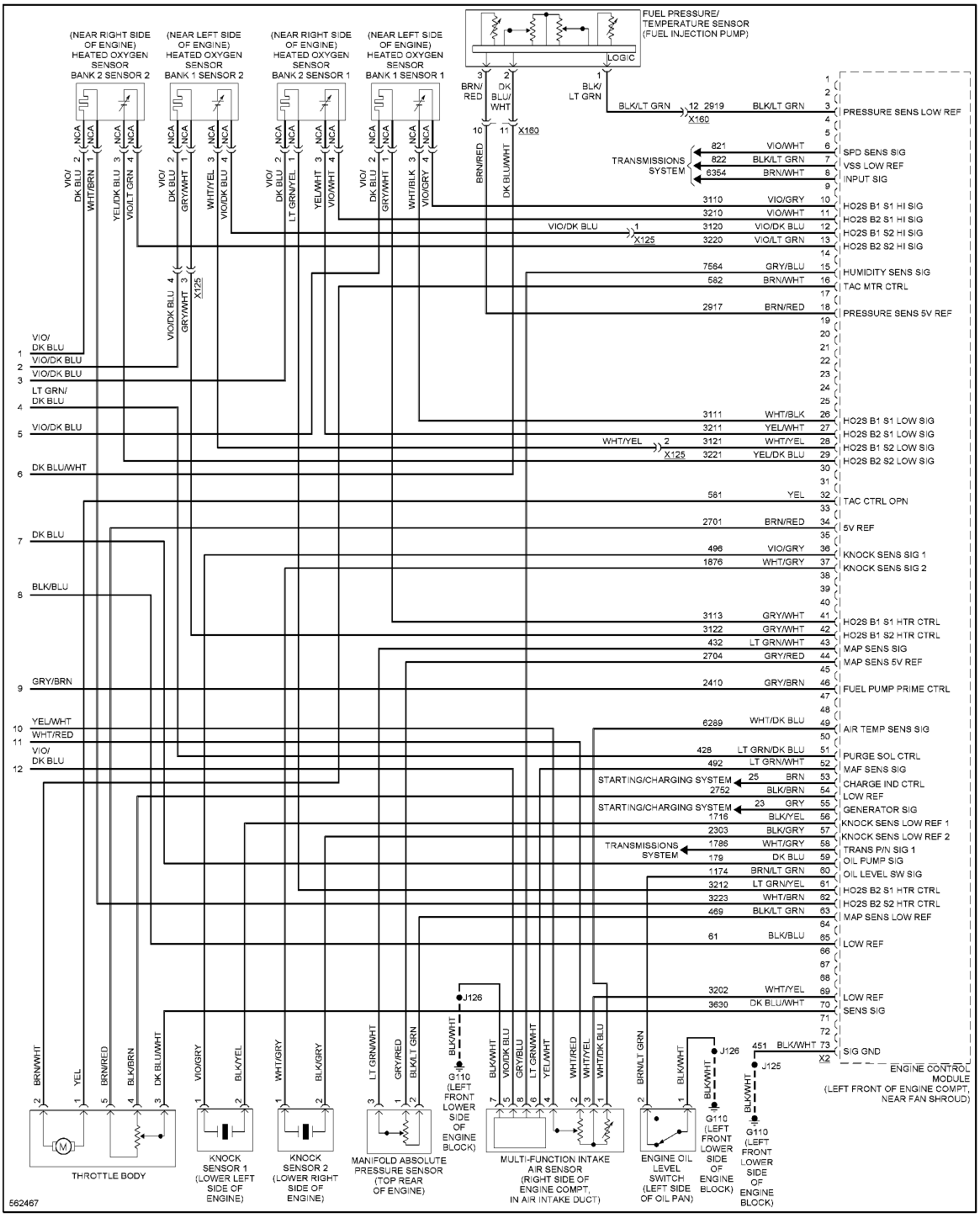

Fig. 38: 4.3L VIN H, Engine Performance Circuit (6 of 6)

5.3L VIN C

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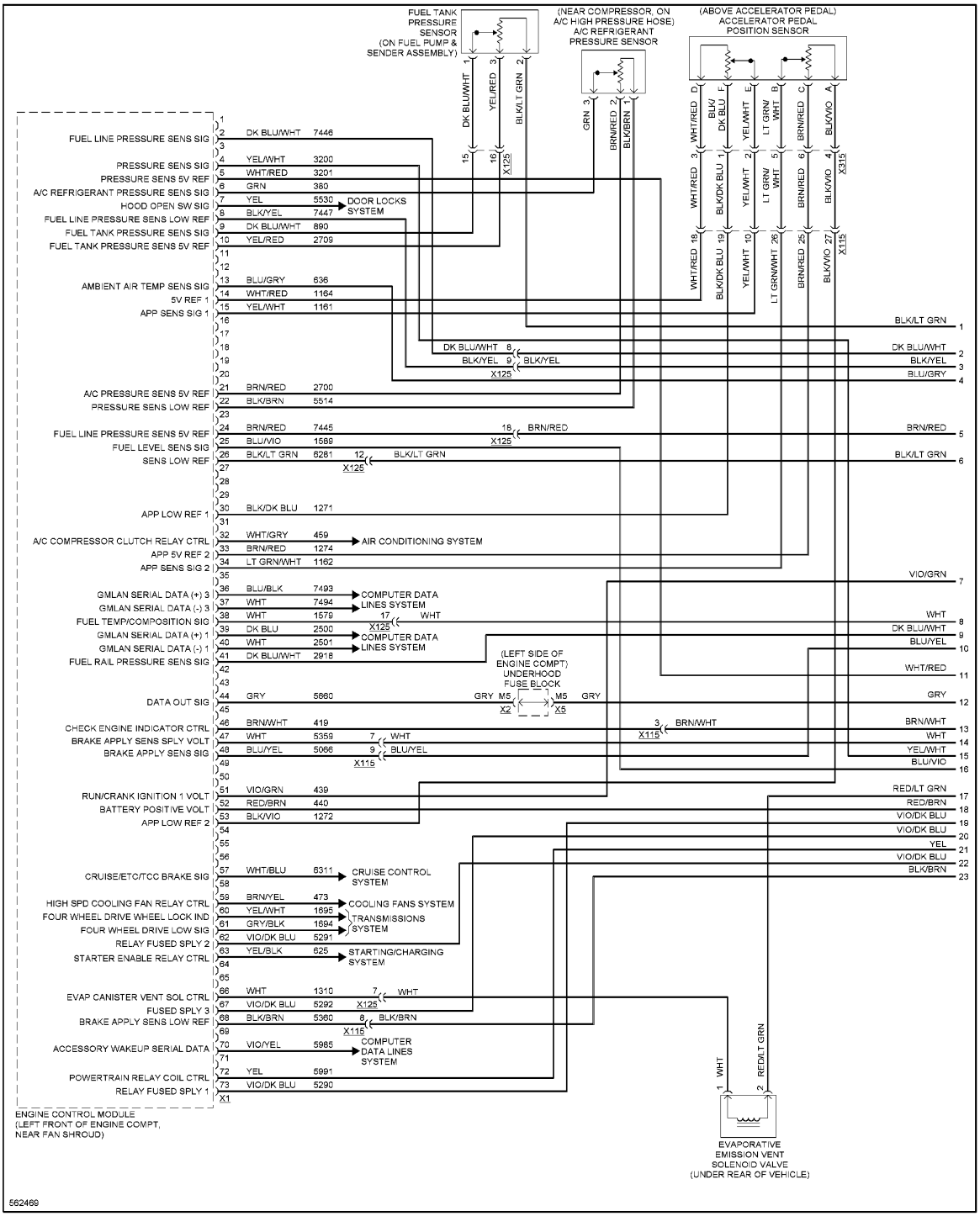

Fig. 39: 5.3L VIN C, Engine Performance Circuit (1 of 6)

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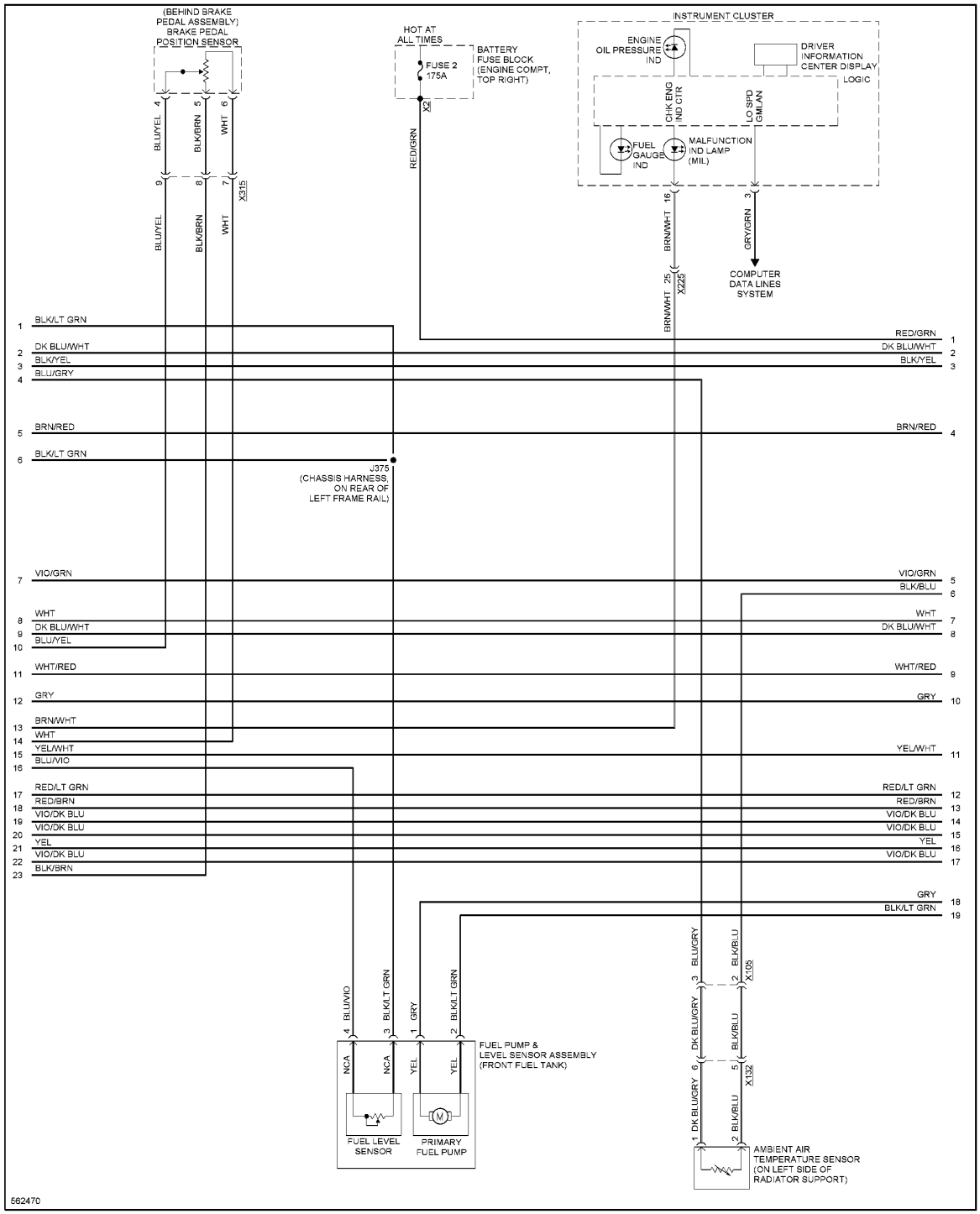

Fig. 40: 5.3L VIN C, Engine Performance Circuit (2 of 6)

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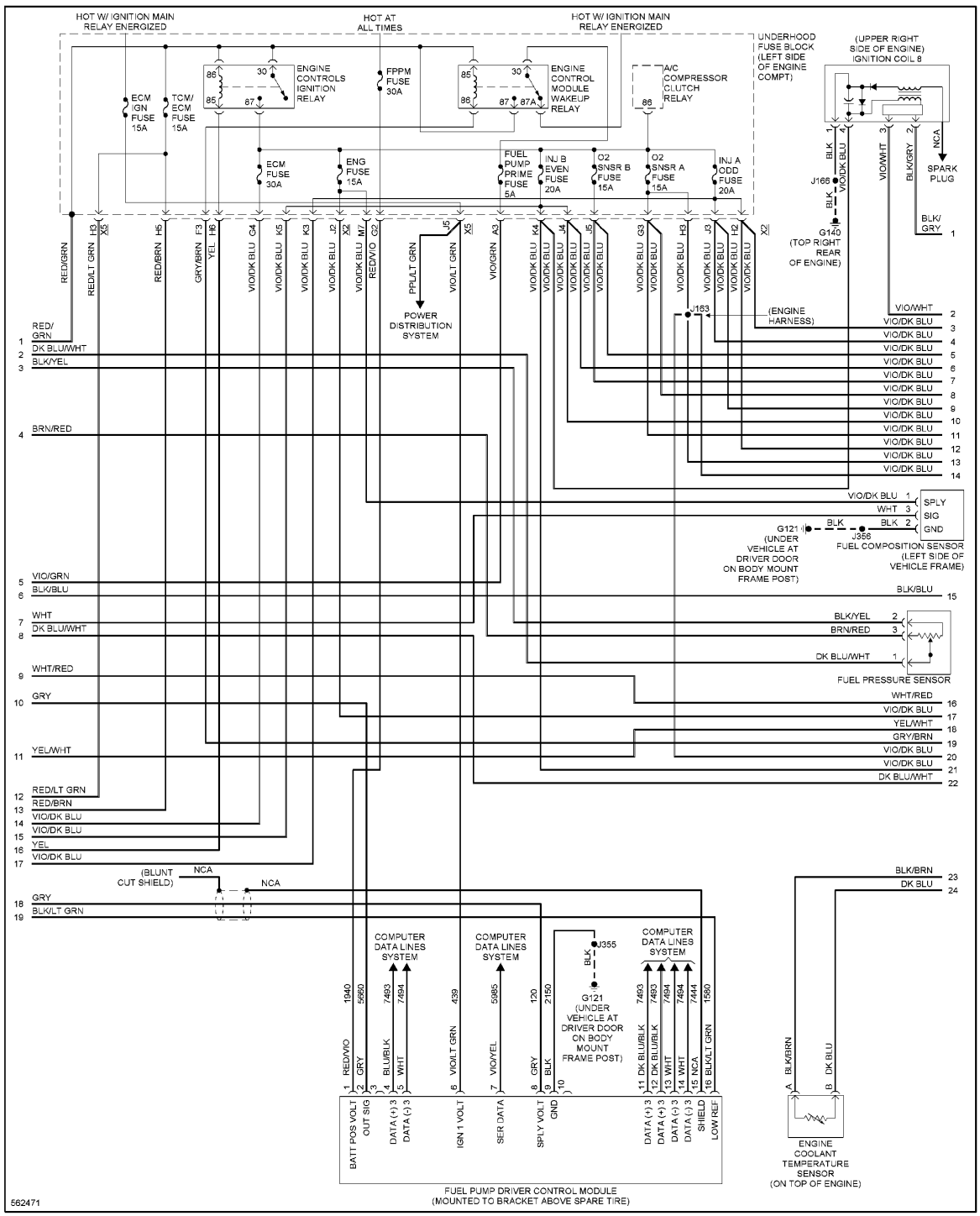

Fig. 41: 5.3L VIN C, Engine Performance Circuit (3 of 6)

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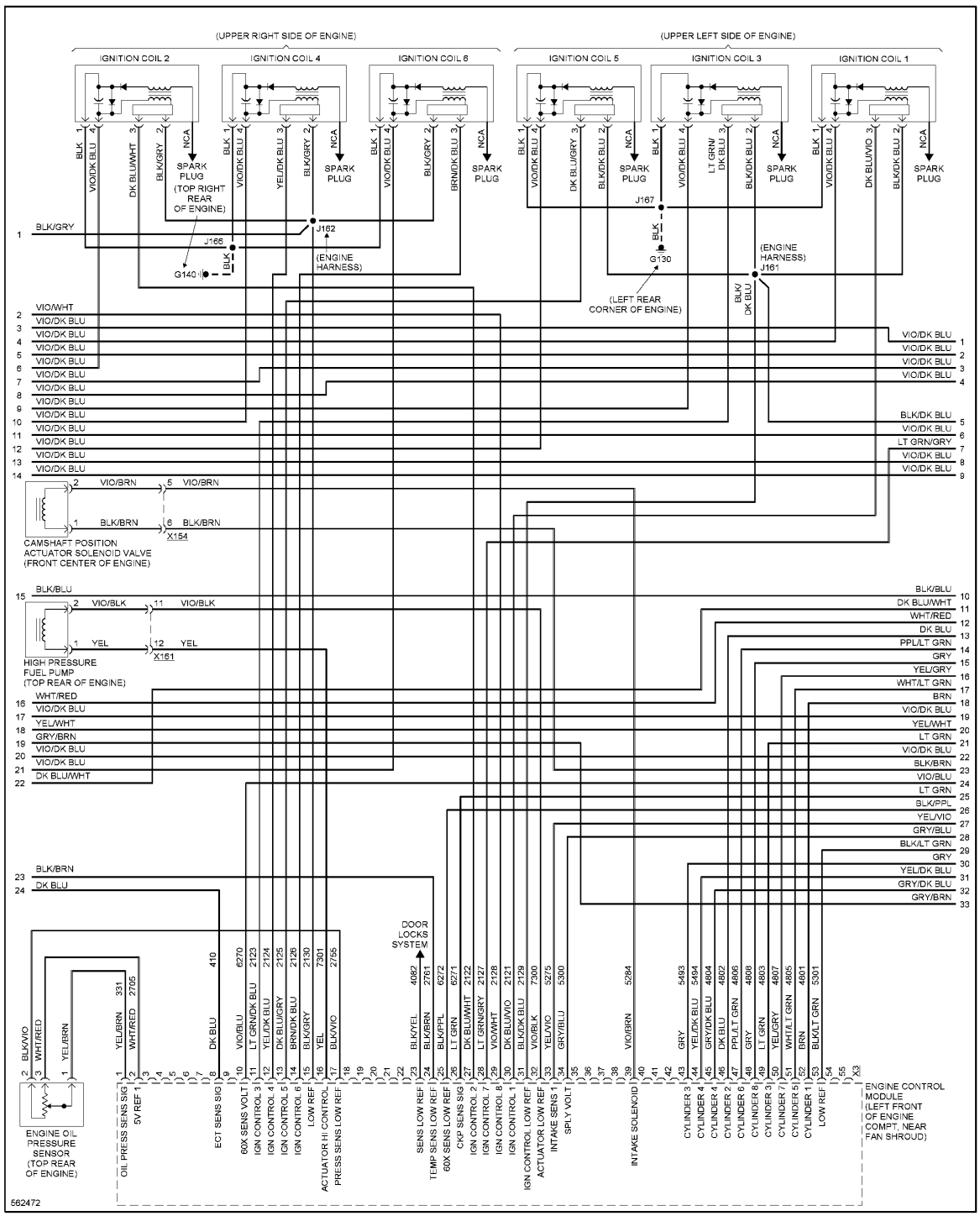

Fig. 42: 5.3L VIN C, Engine Performance Circuit (4 of 6)

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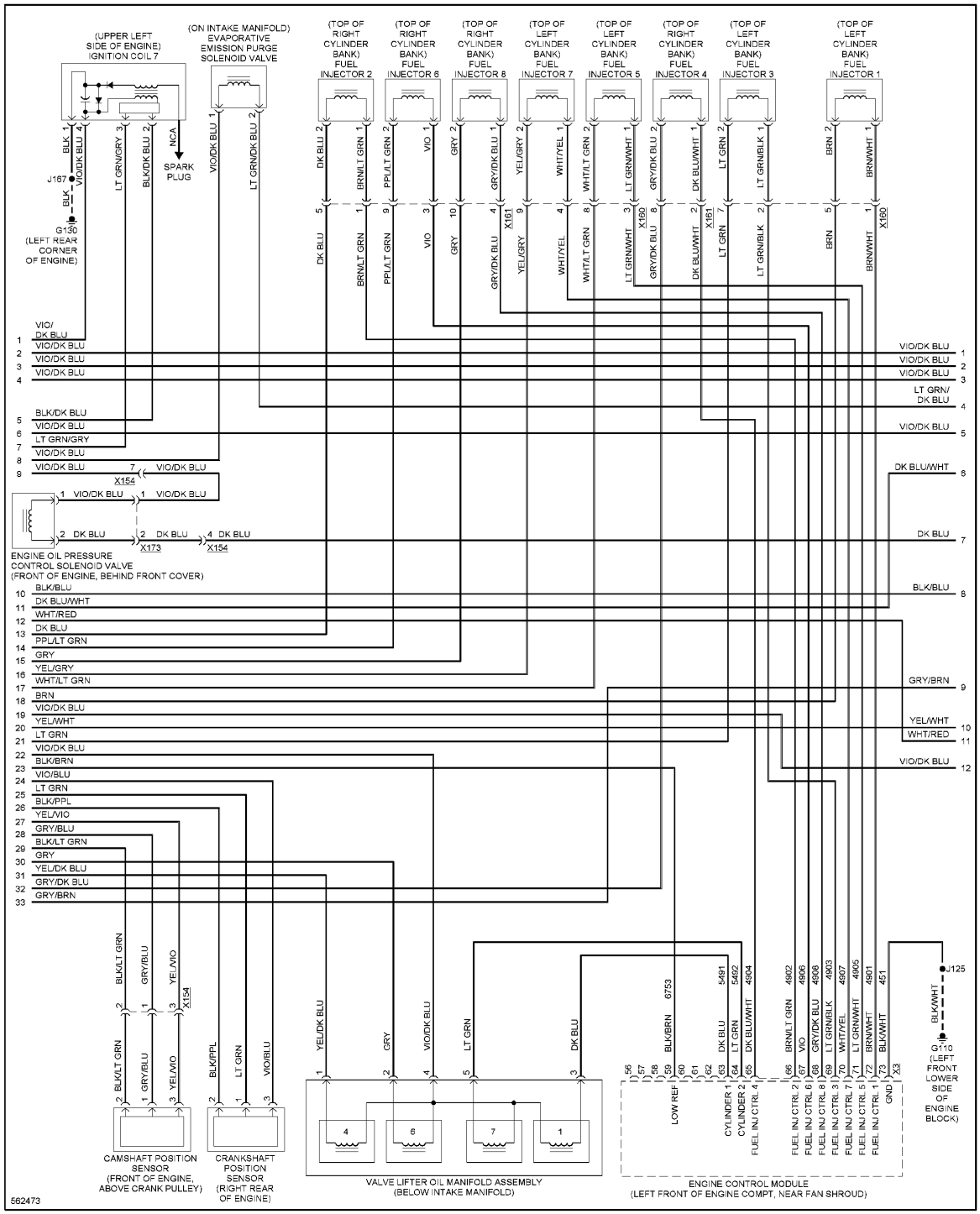

Fig. 43: 5.3L VIN C, Engine Performance Circuit (5 of 6)

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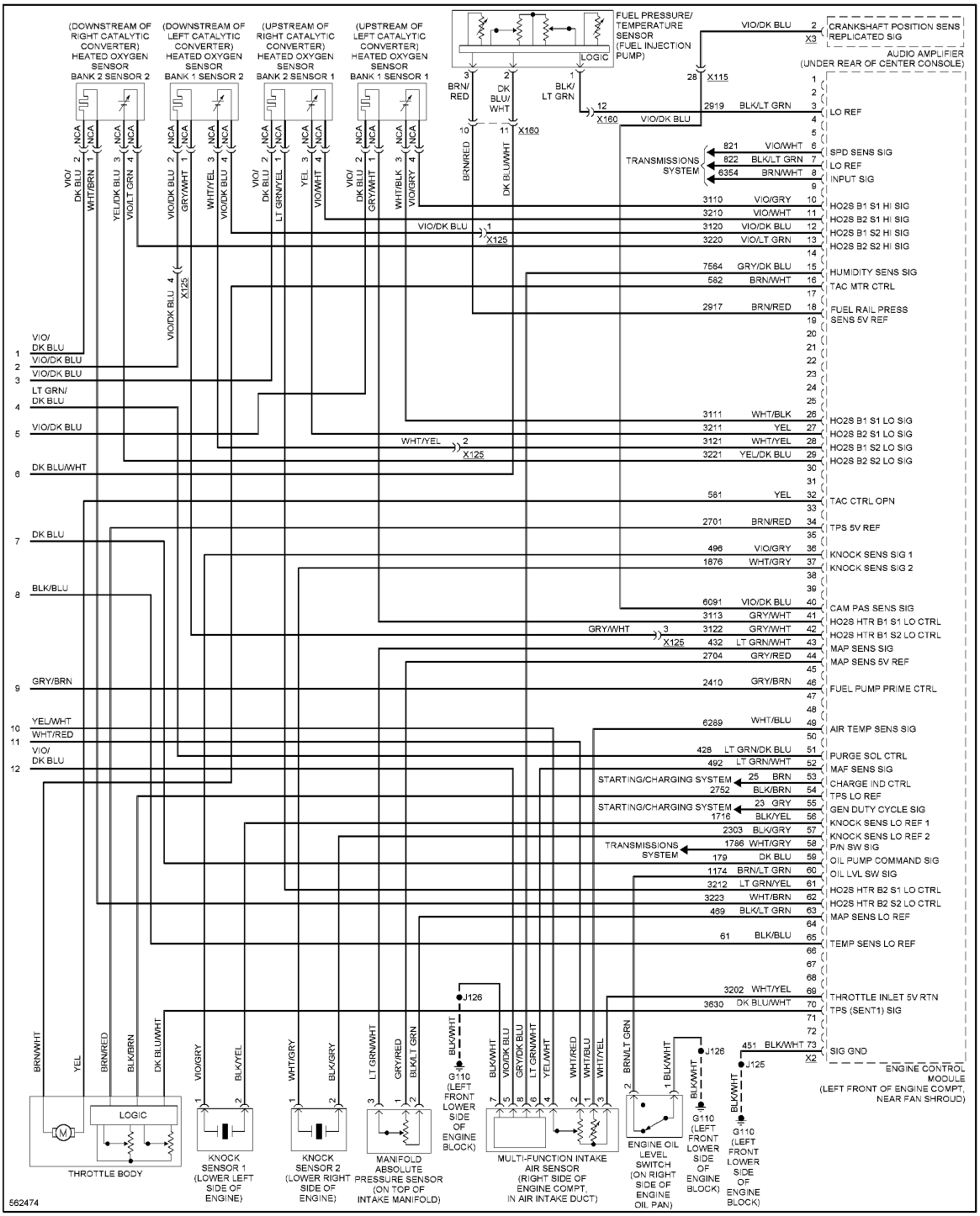

Fig. 44: 5.3L VIN C, Engine Performance Circuit (6 of 6)

6.2L VIN J

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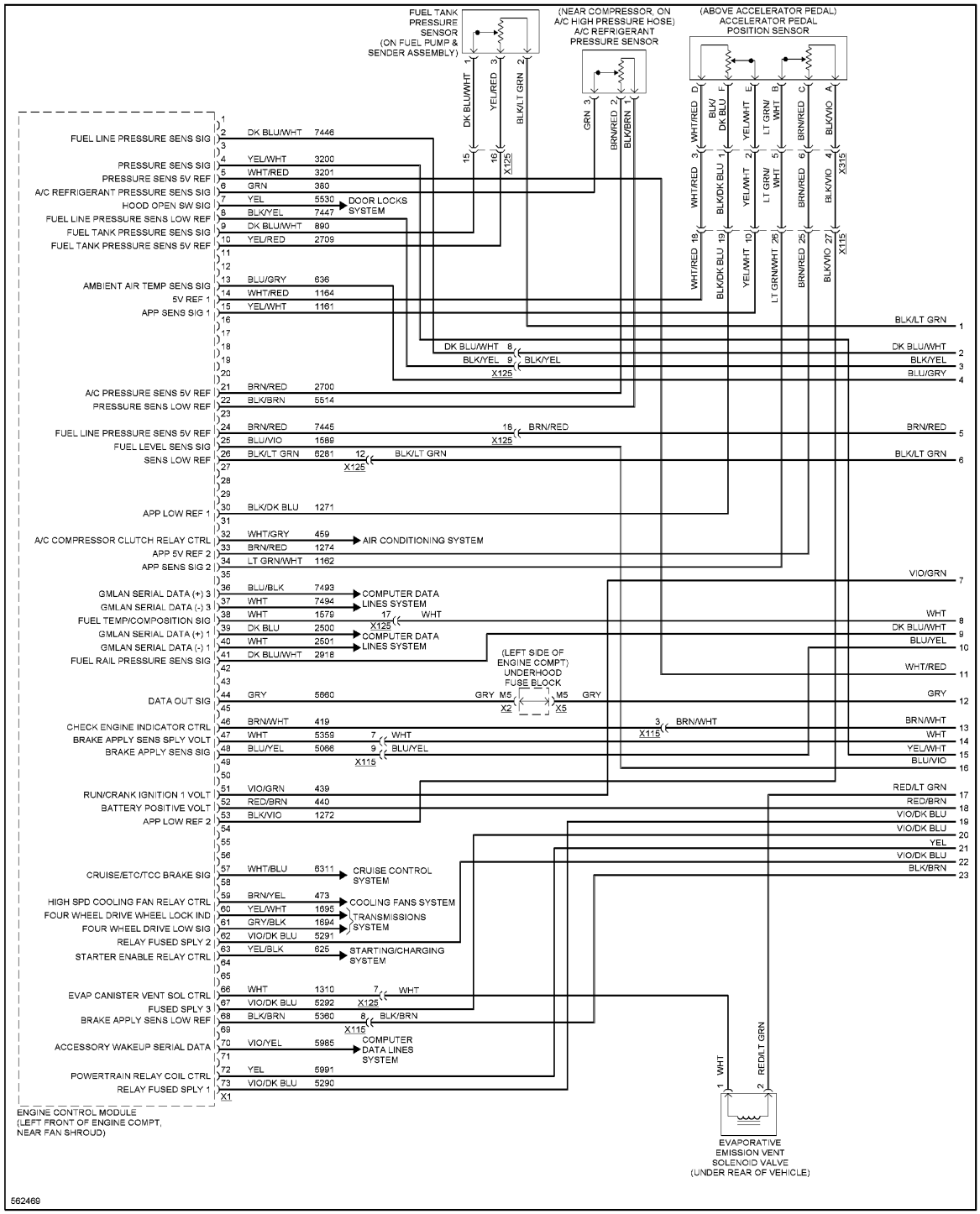

Fig. 45: 6.2L VIN J, Engine Performance Circuit (1 of 6)

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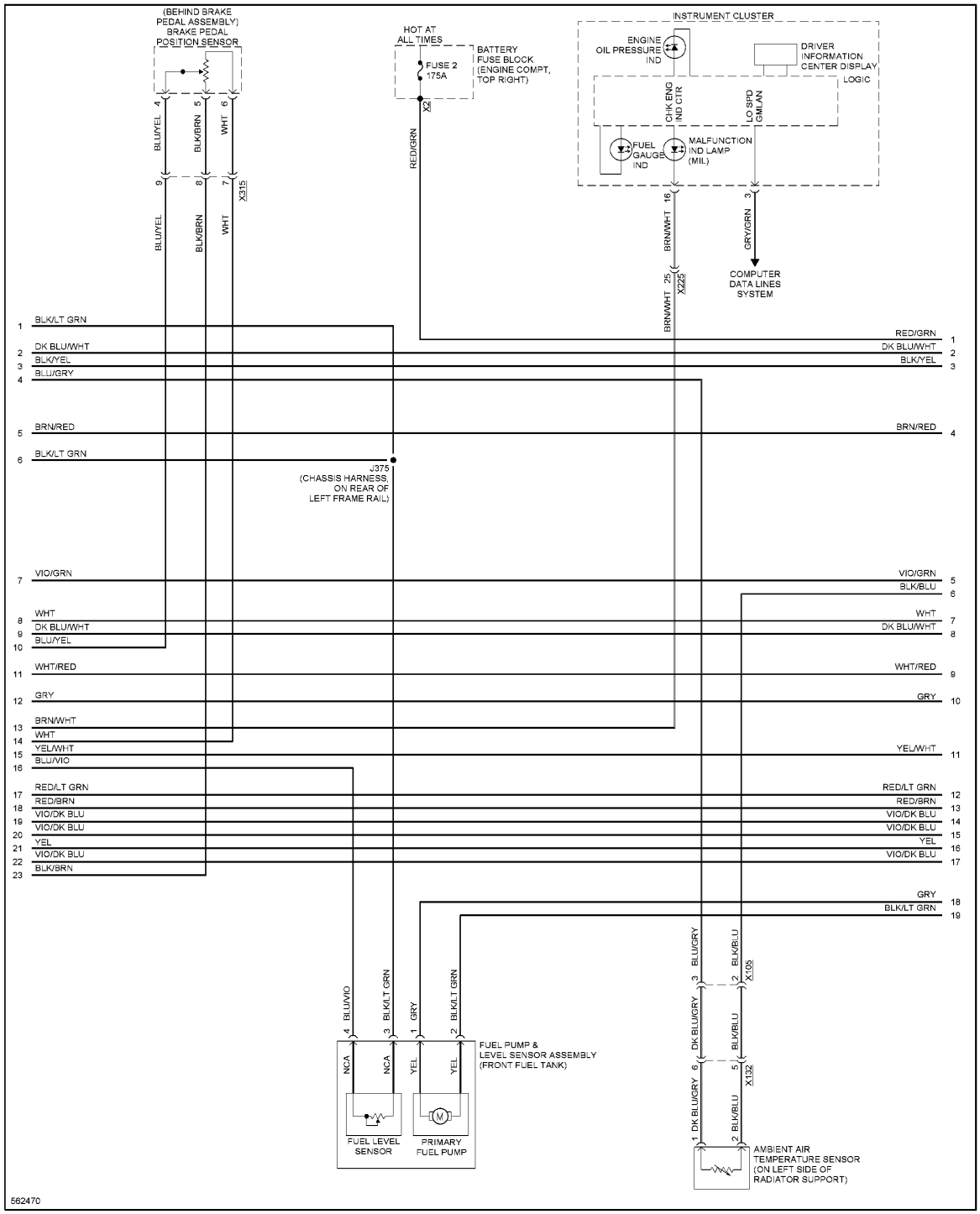

Fig. 46: 6.2L VIN J, Engine Performance Circuit (2 of 6)

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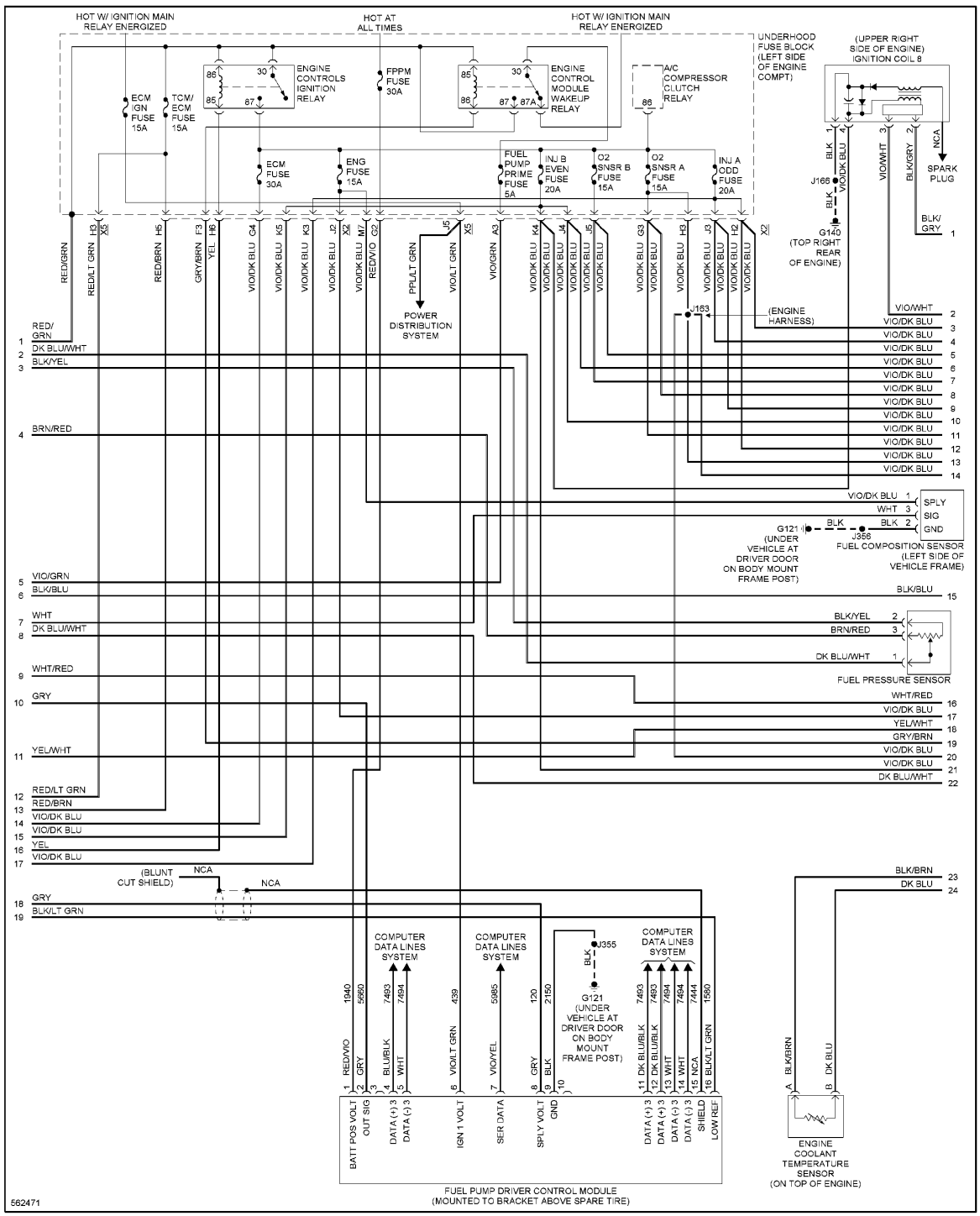

Fig. 47: 6.2L VIN J, Engine Performance Circuit (3 of 6)

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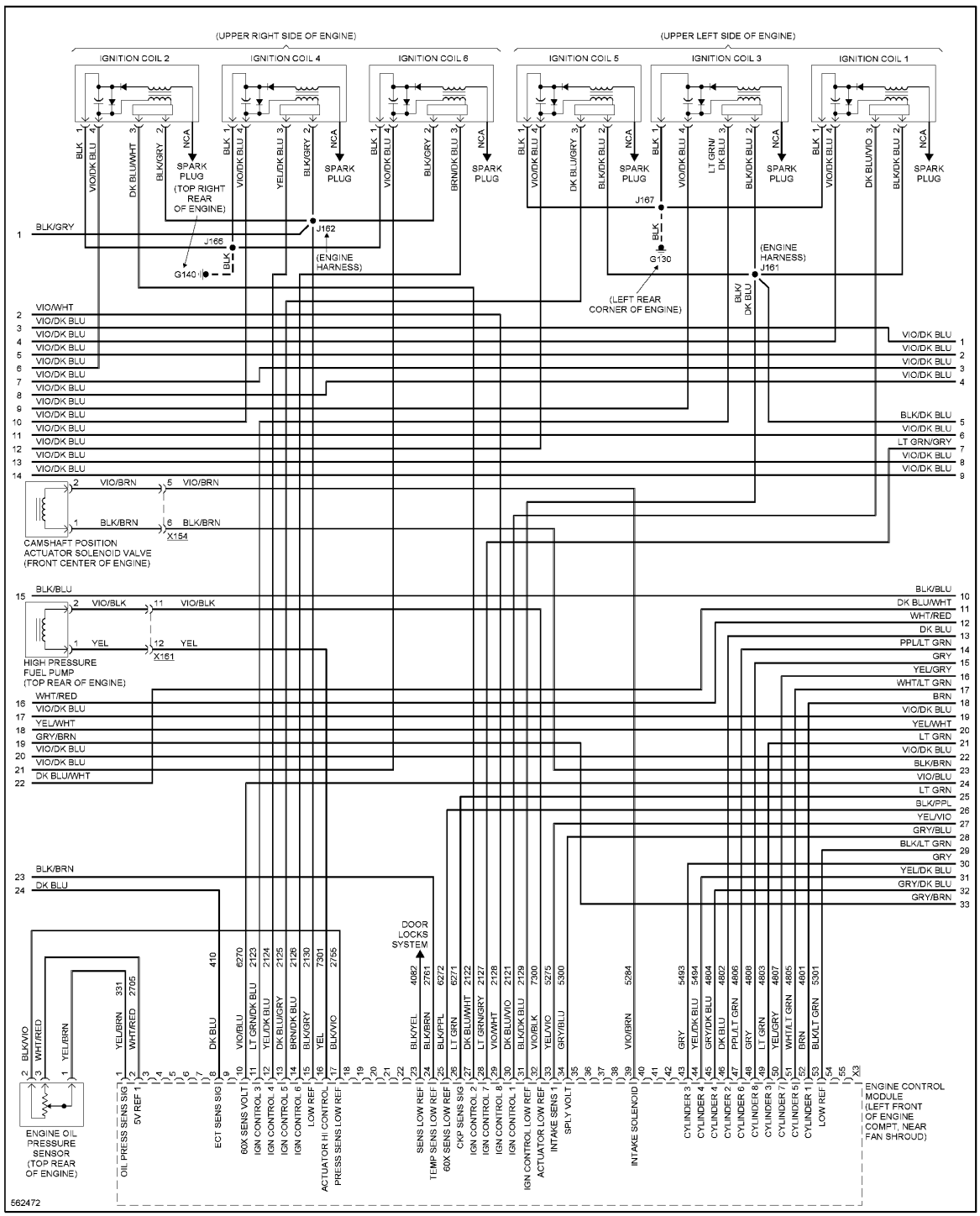

Fig. 48: 6.2L VIN J, Engine Performance Circuit (4 of 6)

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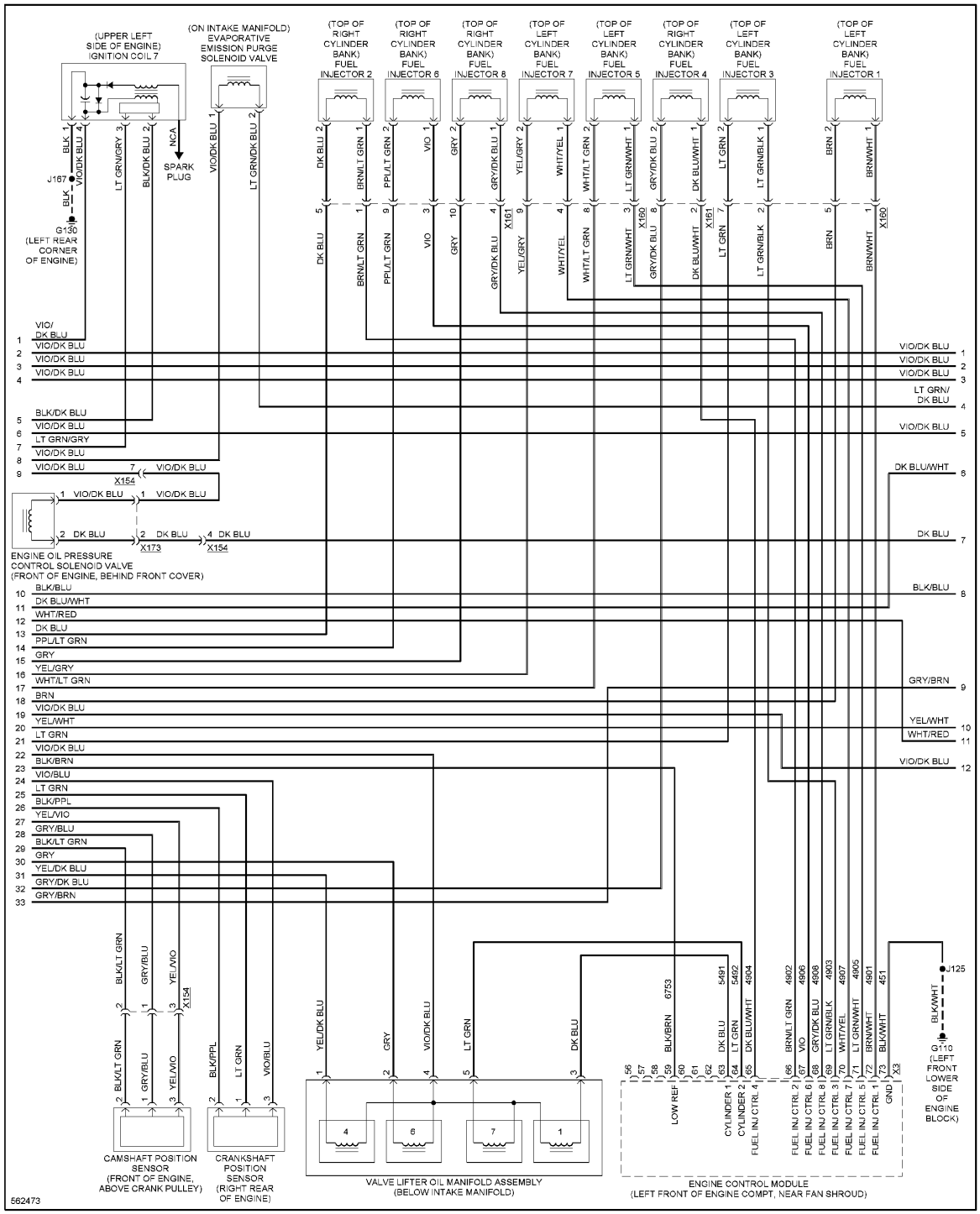

Fig. 49: 6.2L VIN J, Engine Performance Circuit (5 of 6)

cardiagn.com

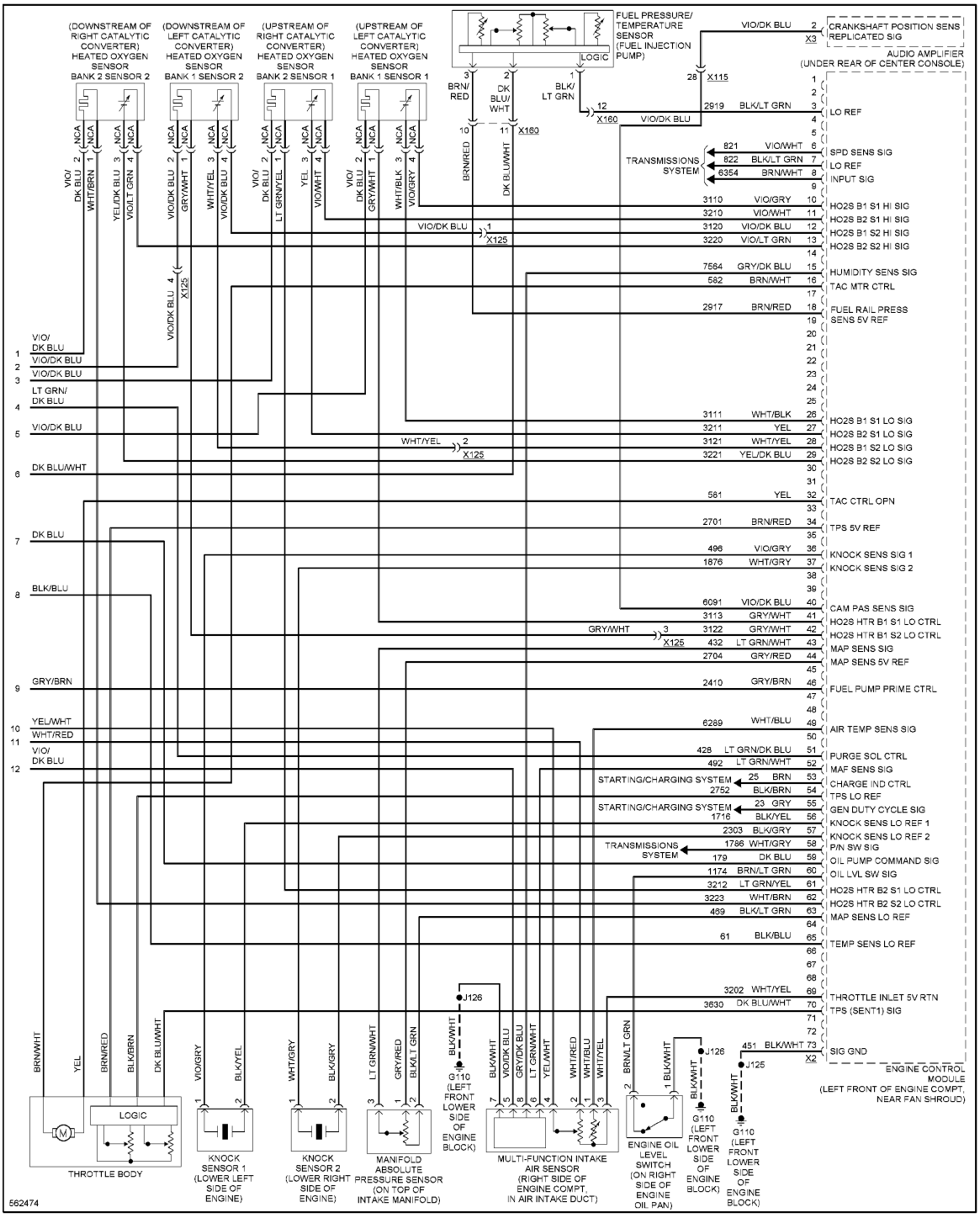

Fig. 50: 6.2L VIN J, Engine Performance Circuit (6 of 6)

EXTERIOR LIGHTS

cardiagn.com

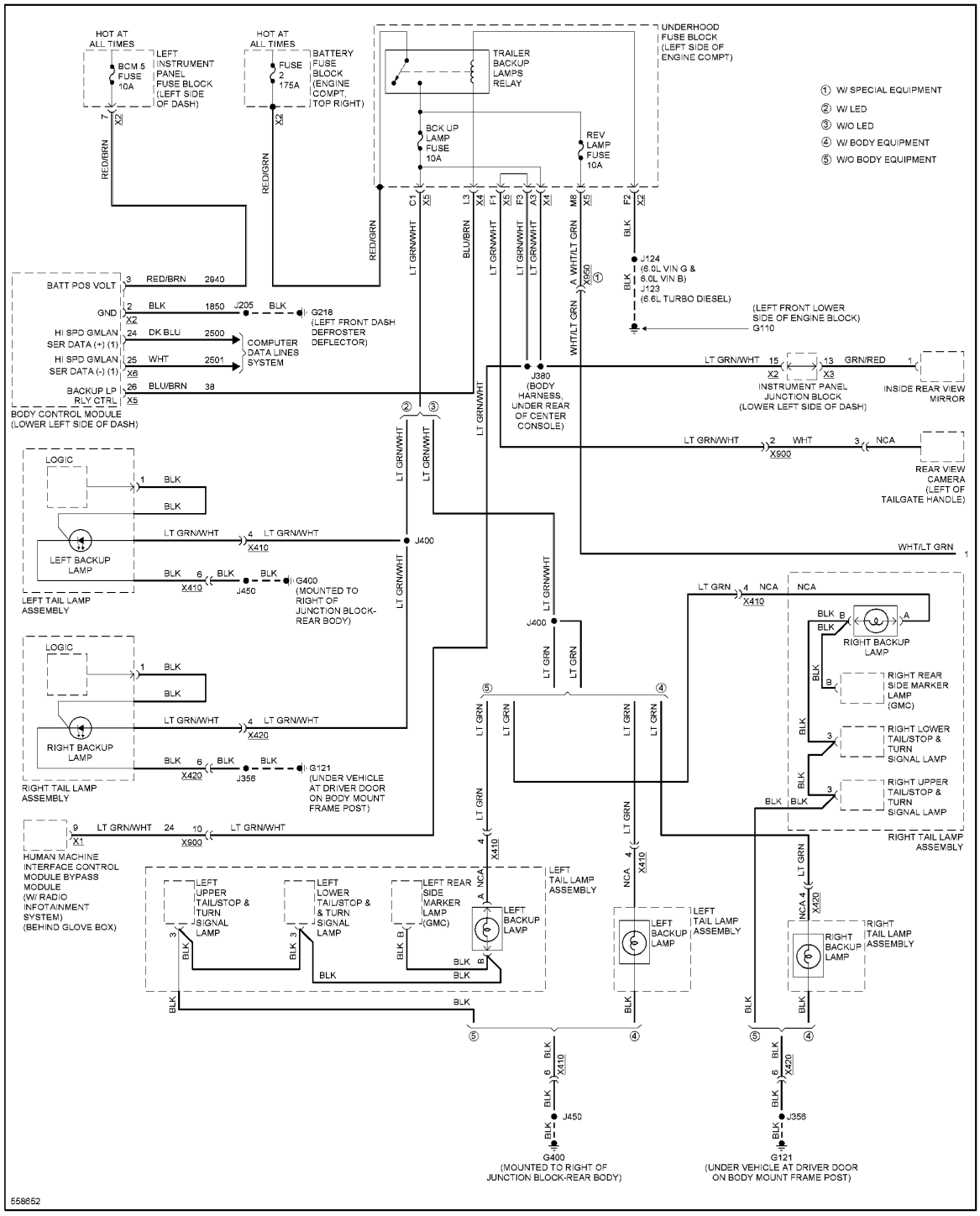

Fig. 51: Backup Lamps Circuit (1 of 2)

cardiagn.com

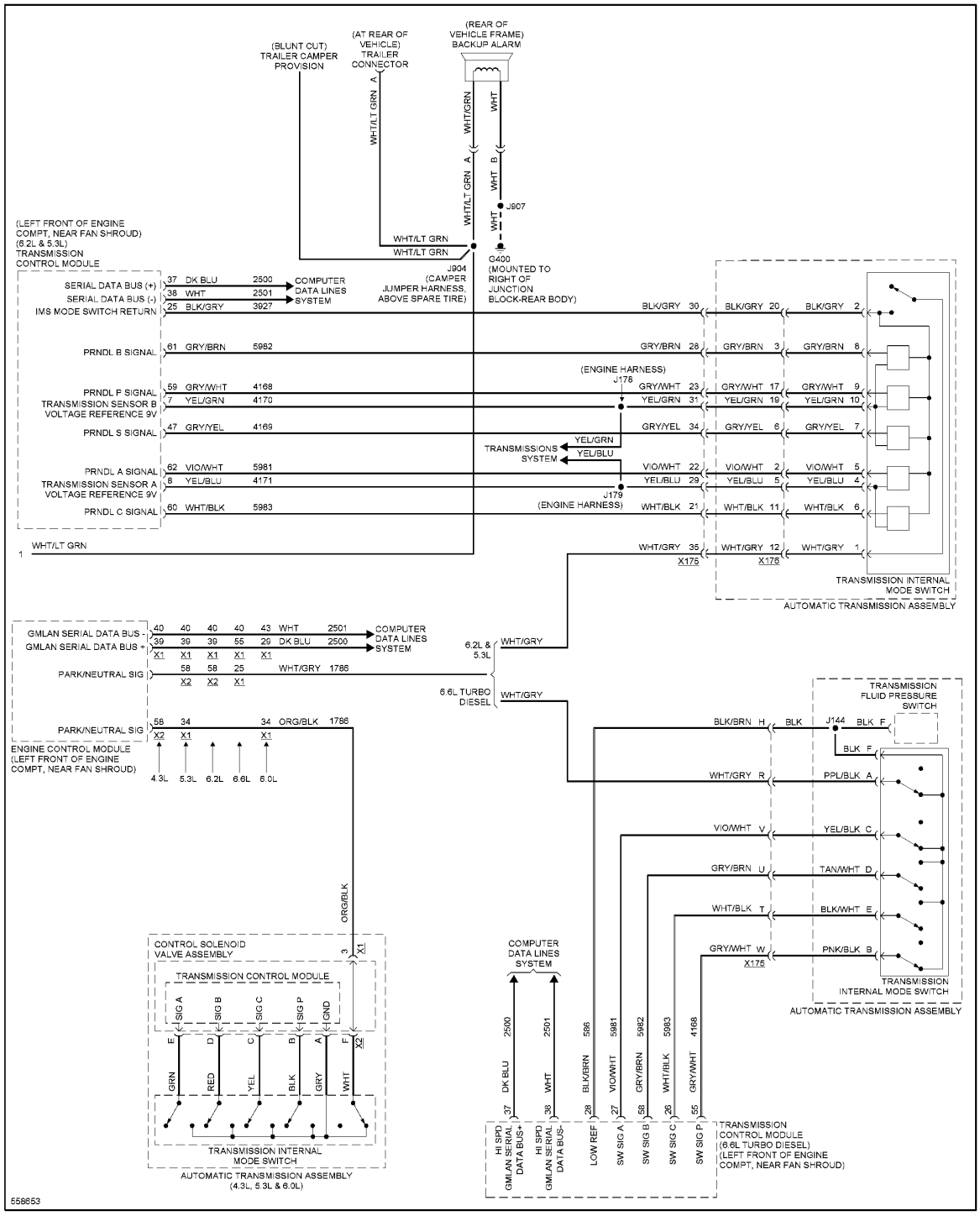

Fig. 52: Backup Lamps Circuit (2 of 2)

cardiagn.com

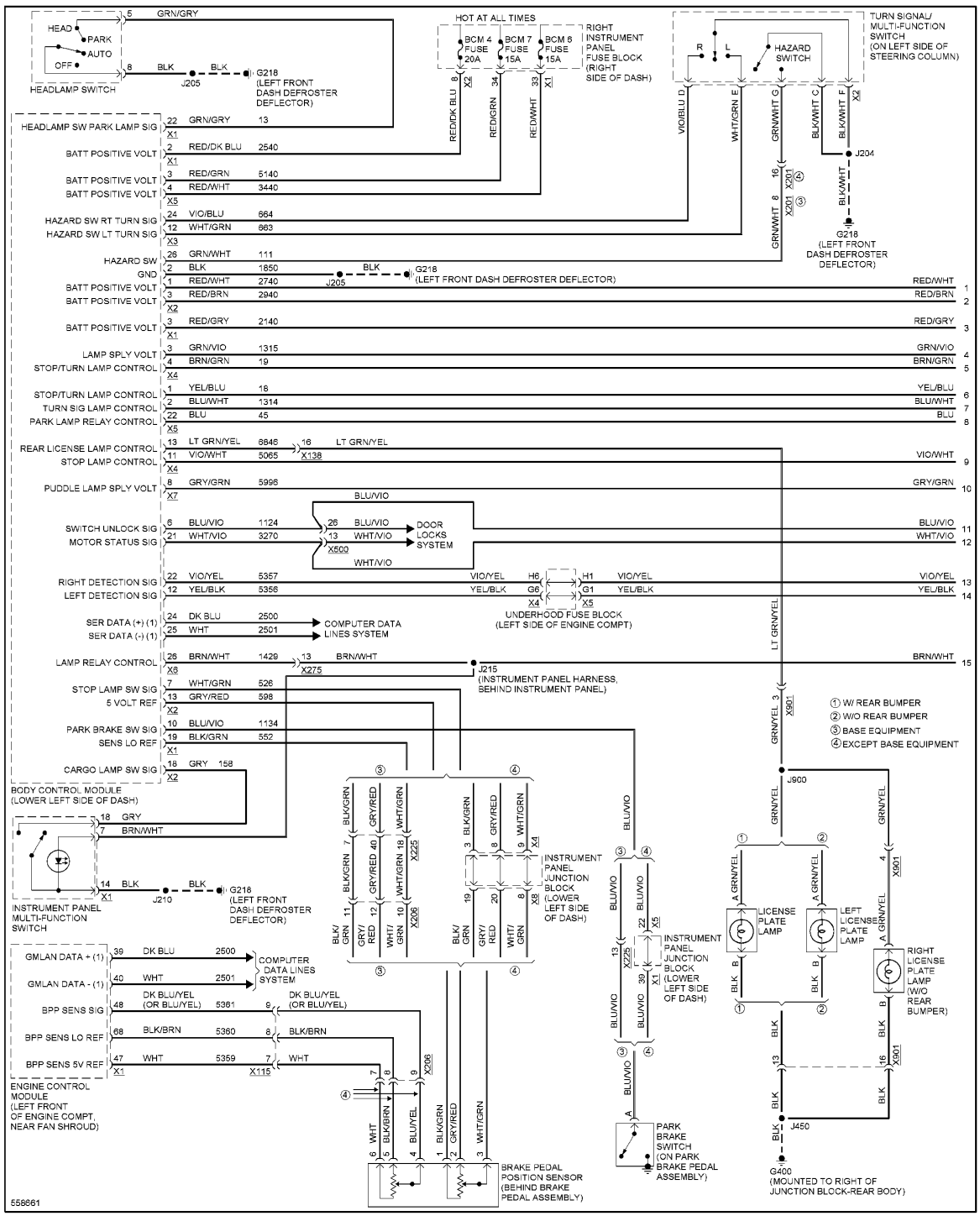

Fig. 53: Exterior Lamps Circuit (1 of 7)

cardiagn.com

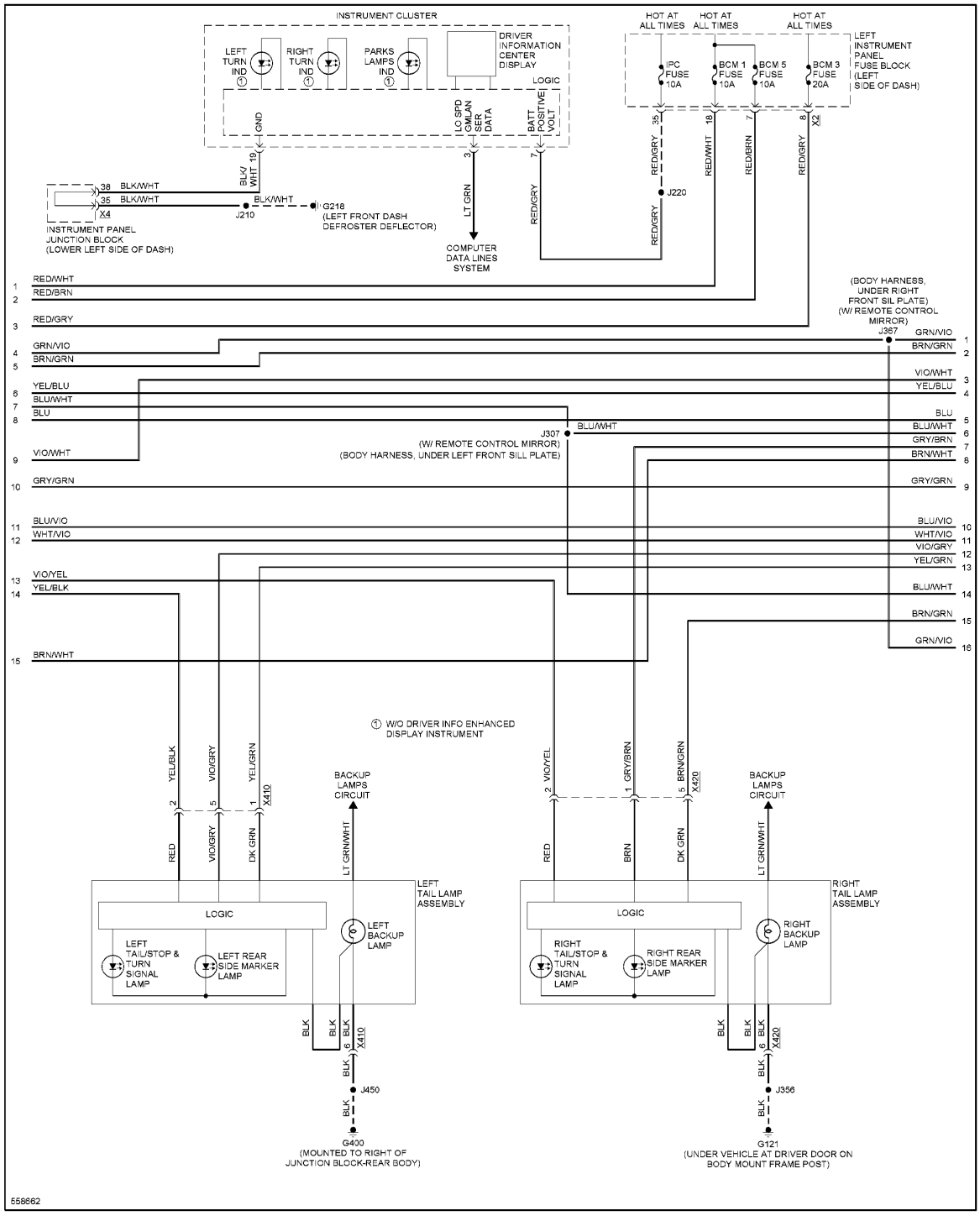

Fig. 54: Exterior Lamps Circuit (2 of 7)

cardiagn.com

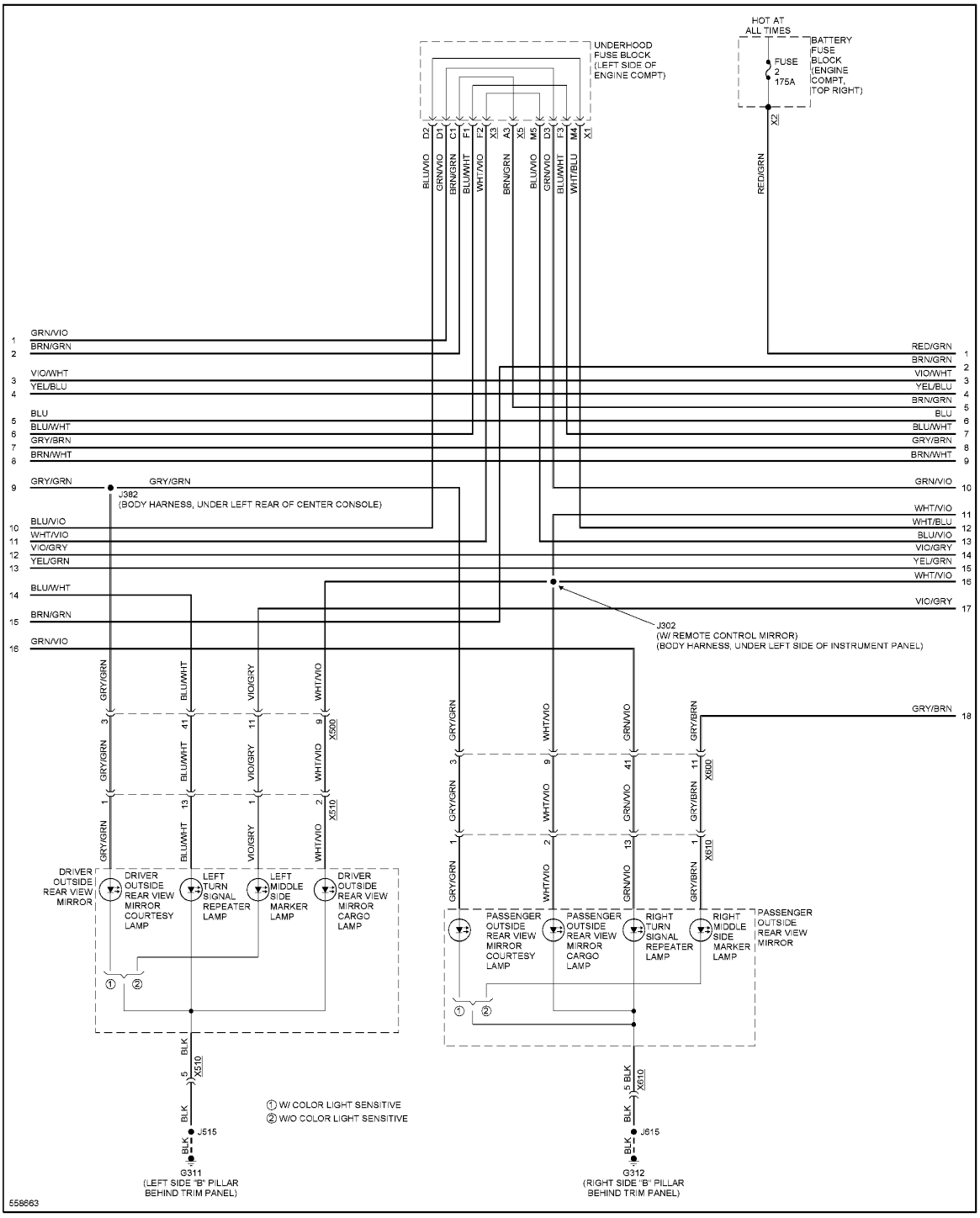

Fig. 55: Exterior Lamps Circuit (3 of 7)

cardiagn.com

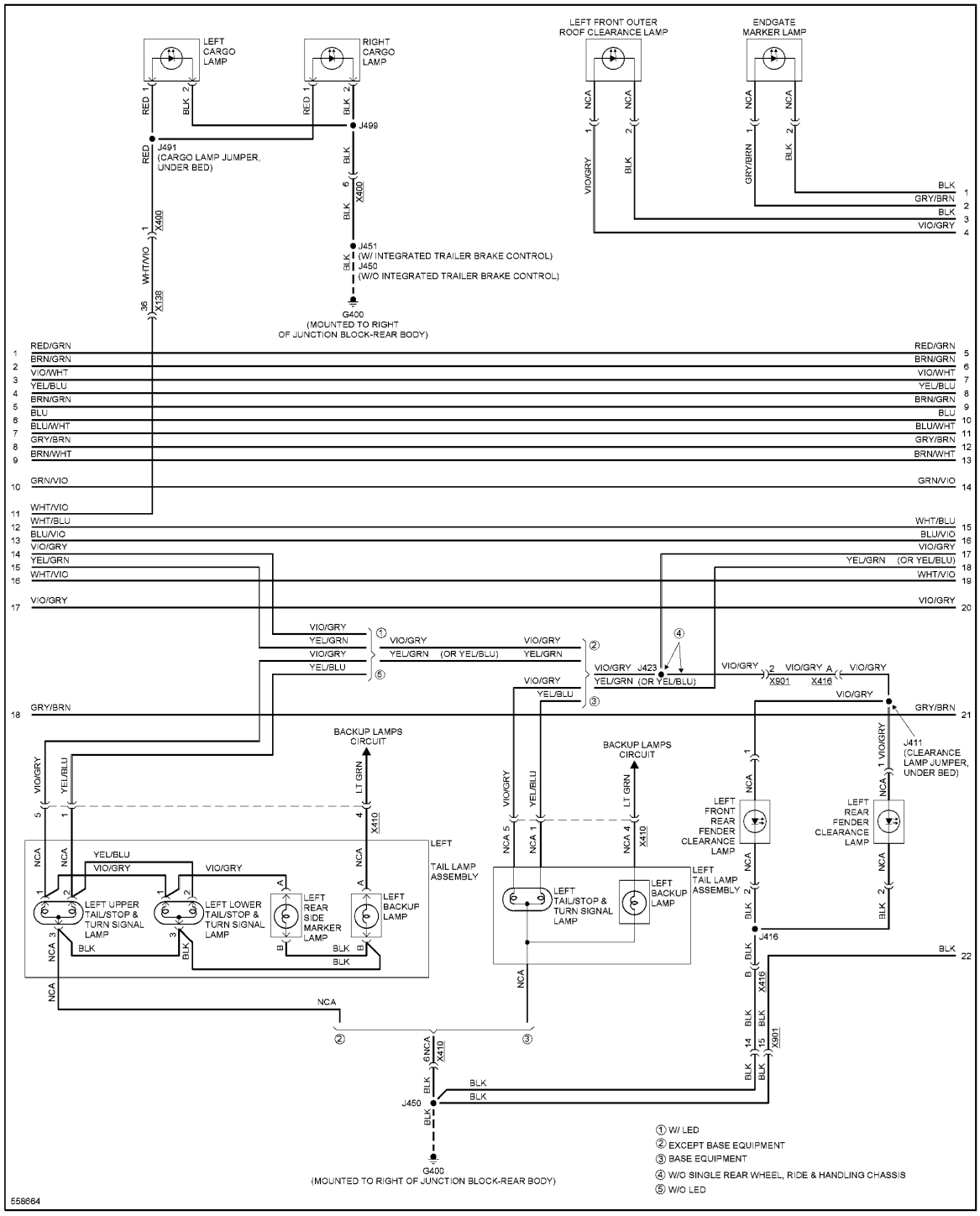

Fig. 56: Exterior Lamps Circuit (4 of 7)

cardiagn.com

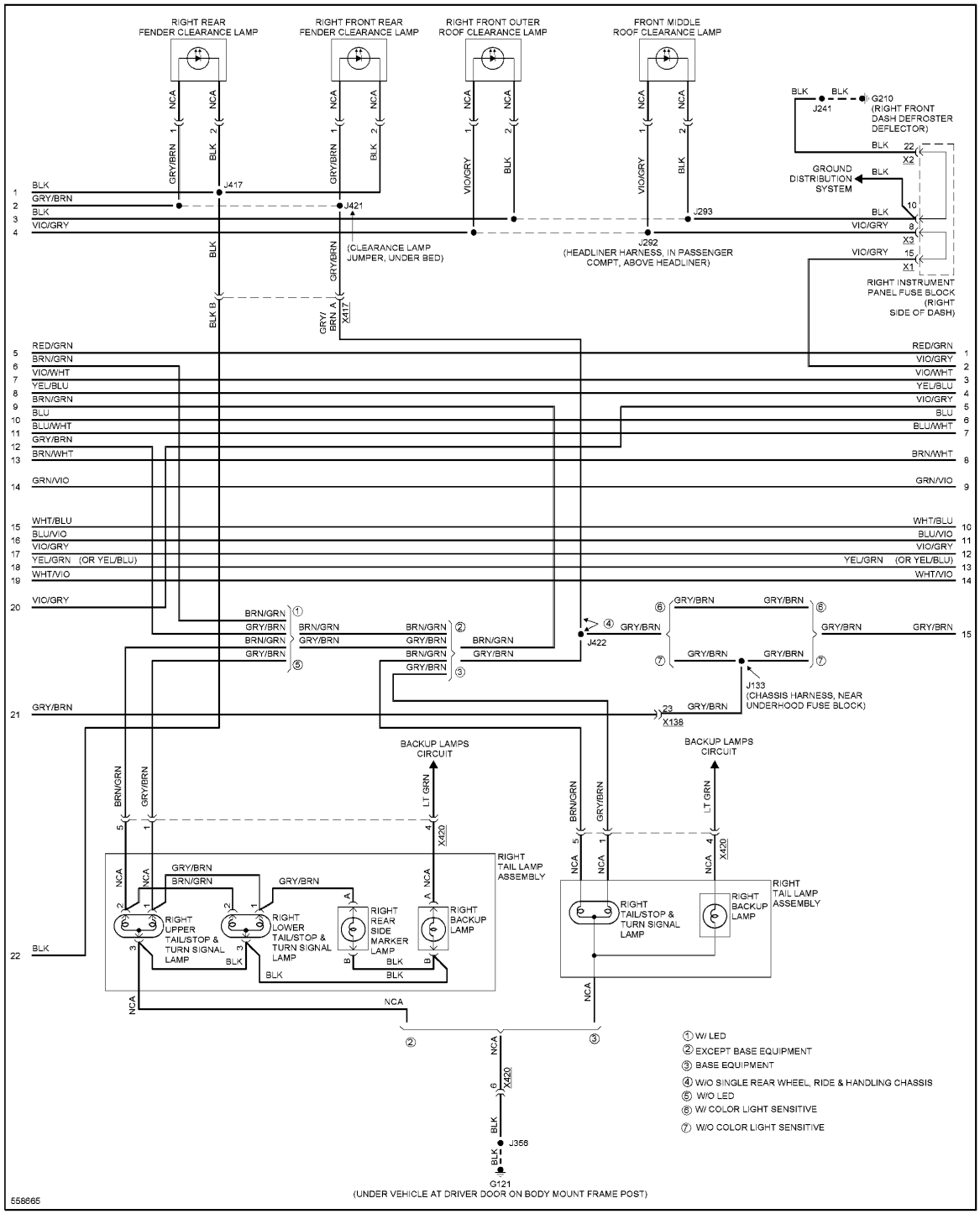

Fig. 57: Exterior Lamps Circuit (5 of 7)

cardiagn.com

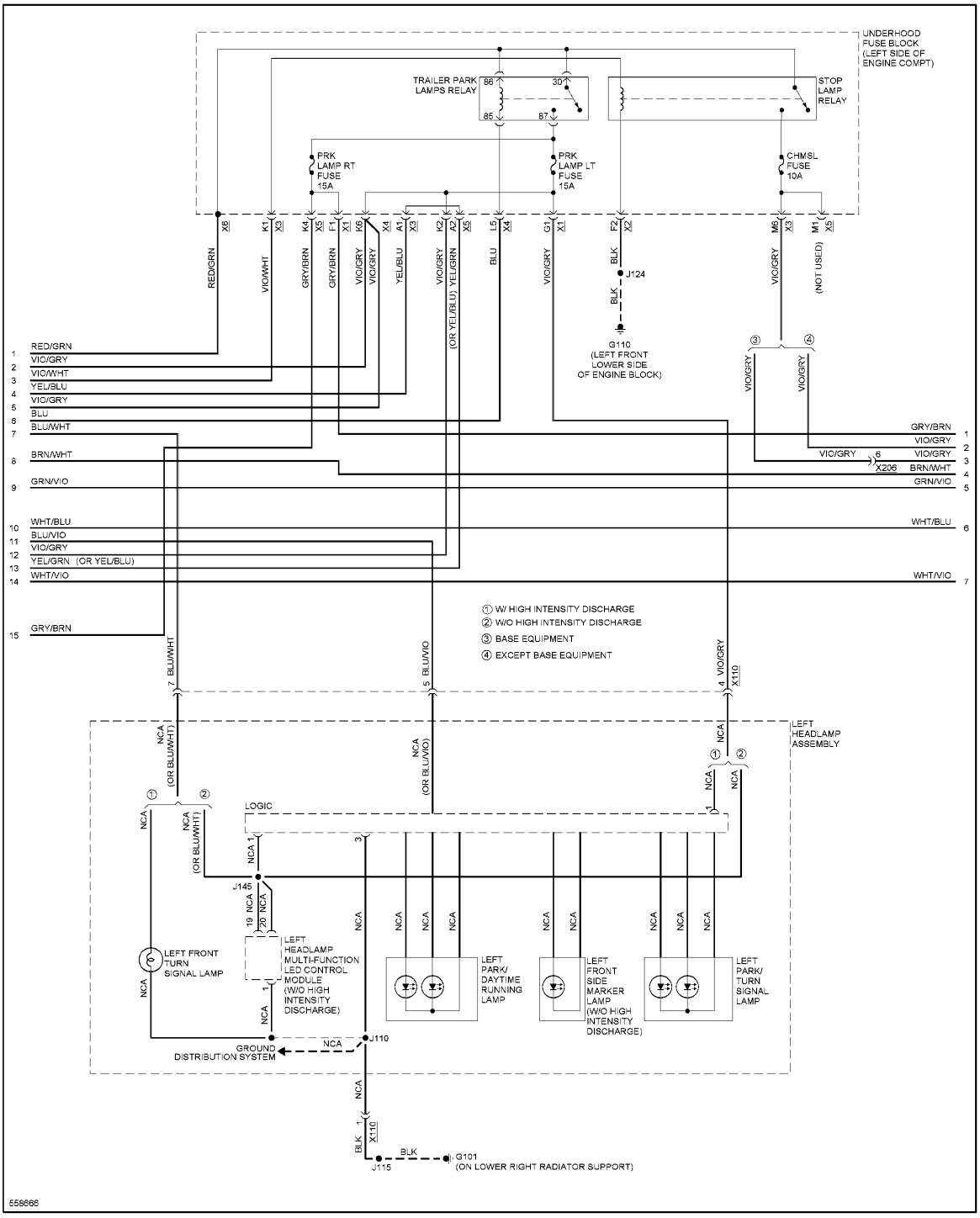

Fig. 58: Exterior Lamps Circuit (6 of 7)

cardiagn.com

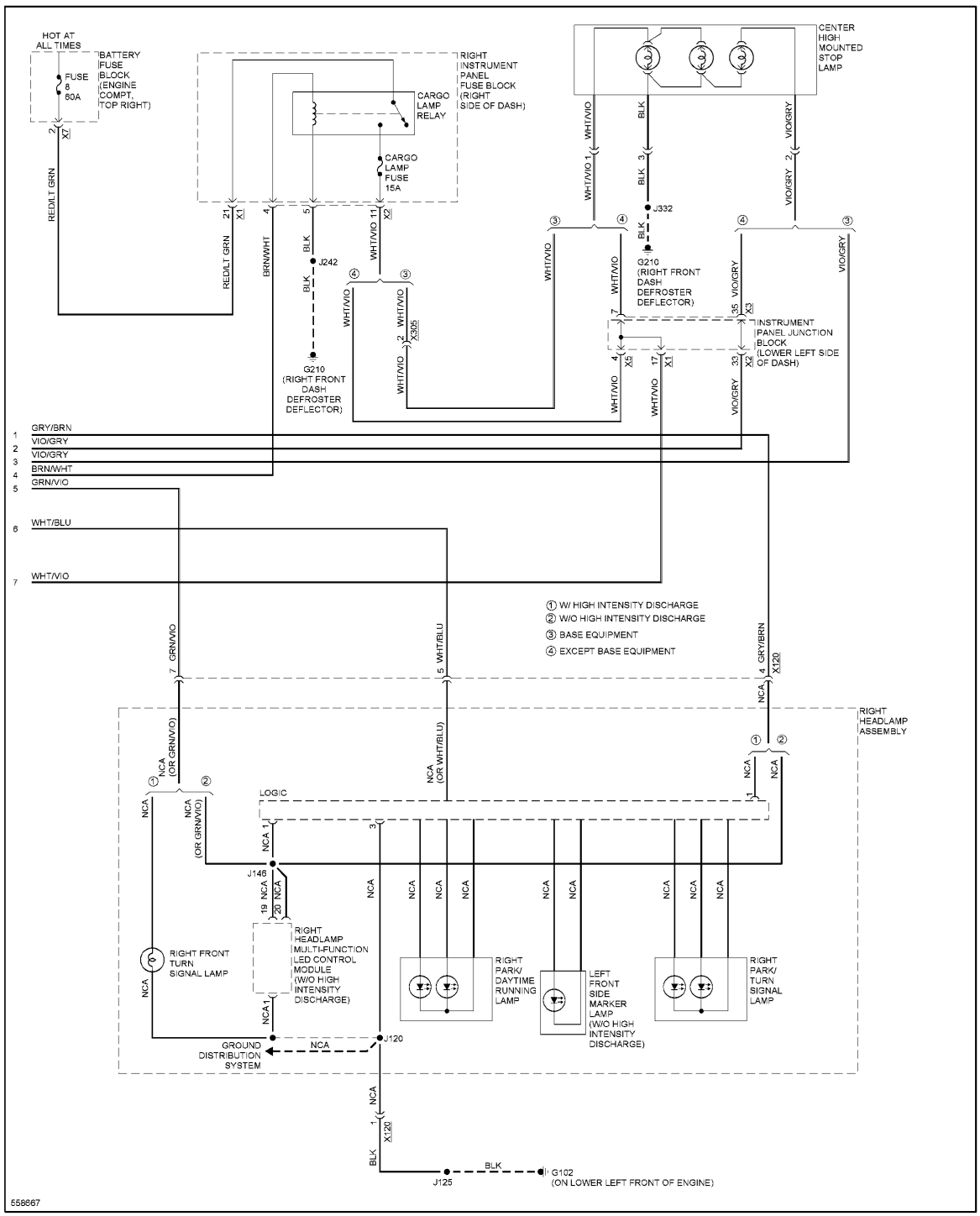

Fig. 59: Exterior Lamps Circuit (7 of 7)

cardiagn.com

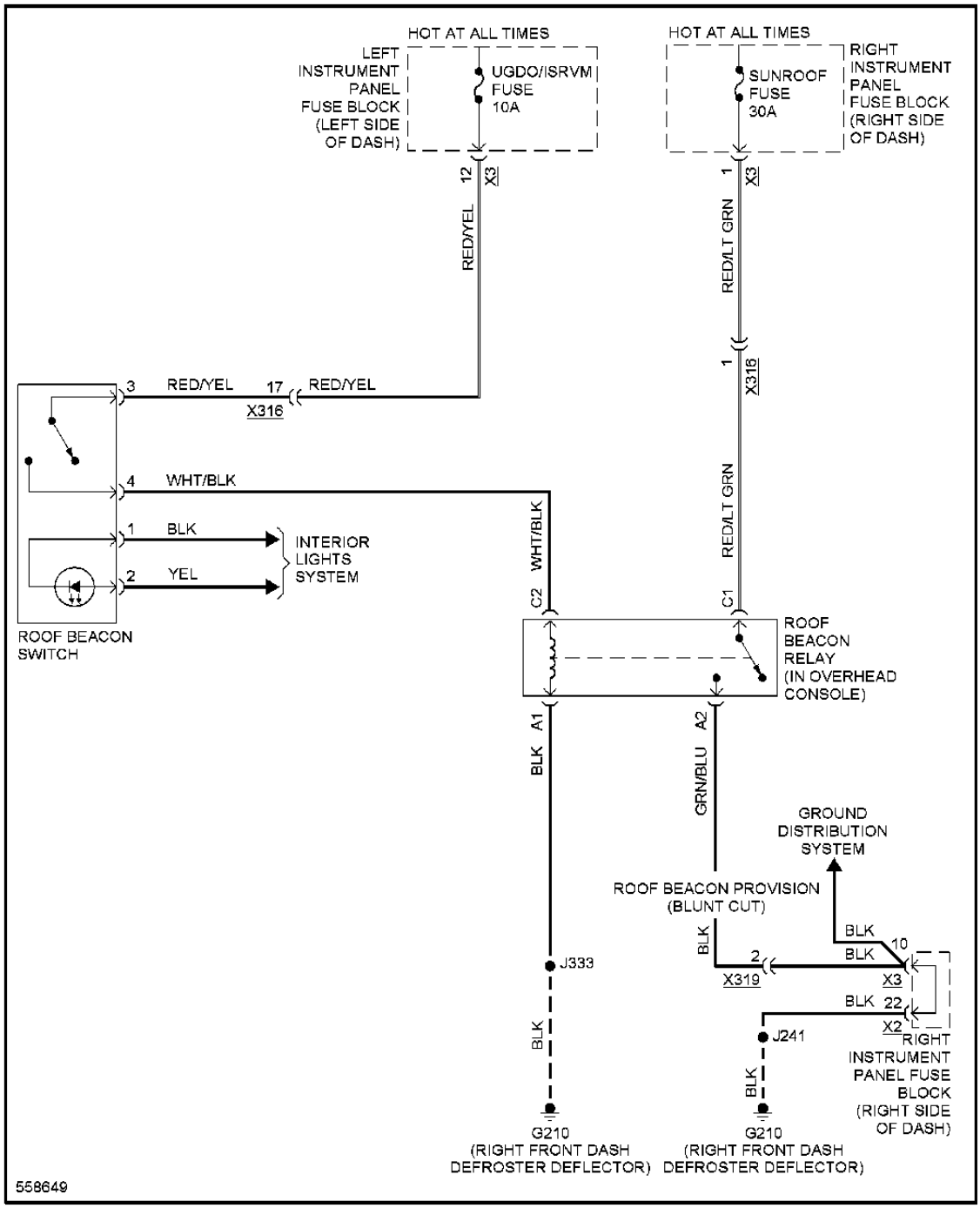

Fig. 60: Roof Light Circuit

cardiagn.com

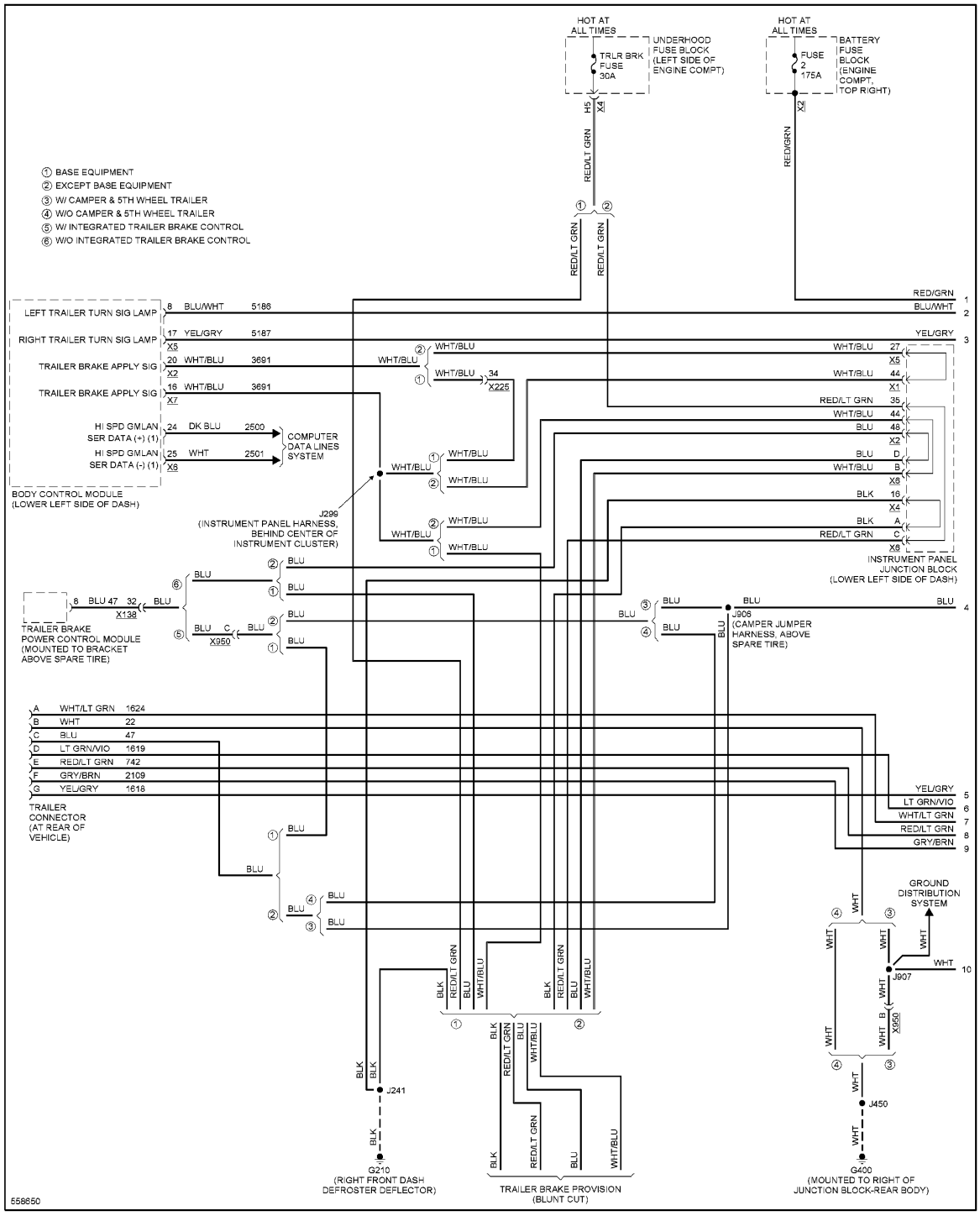

Fig. 61: Trailer Tow Circuit (1 of 2)

cardiagn.com

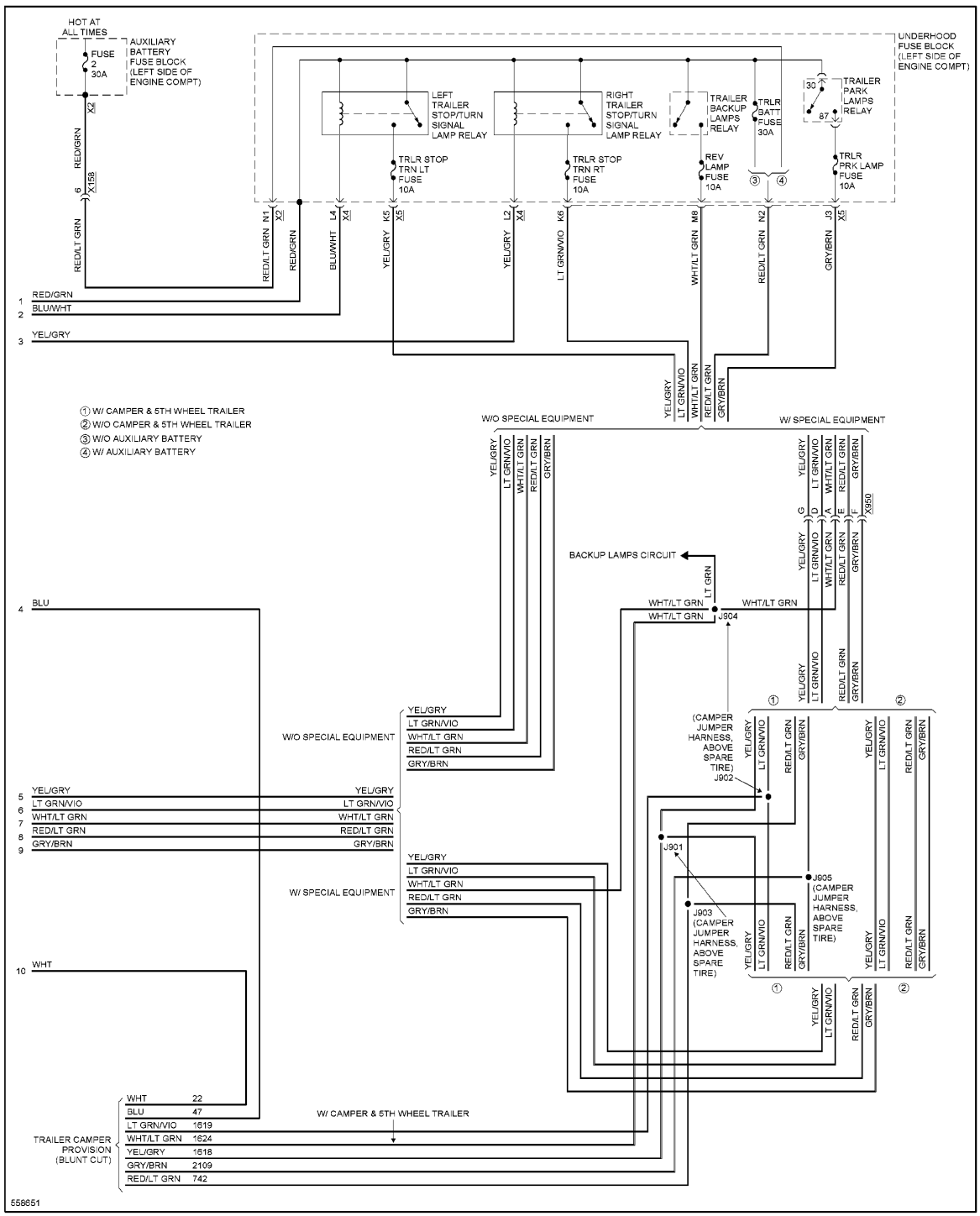

Fig. 62: Trailer Tow Circuit (2 of 2)

GROUND DISTRIBUTION

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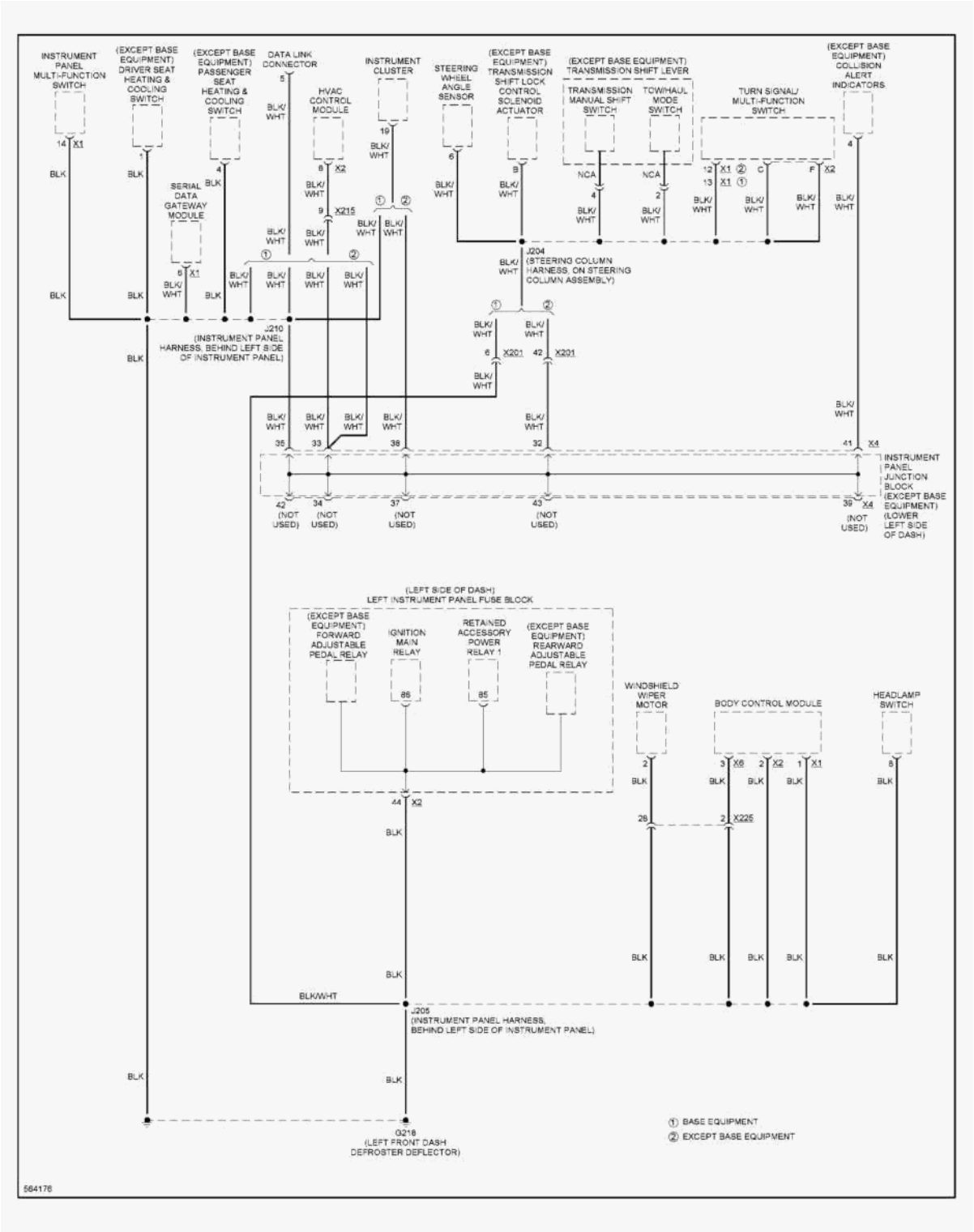

Fig. 63: Ground Distribution Circuit (1 of 6)

cardiagn.com

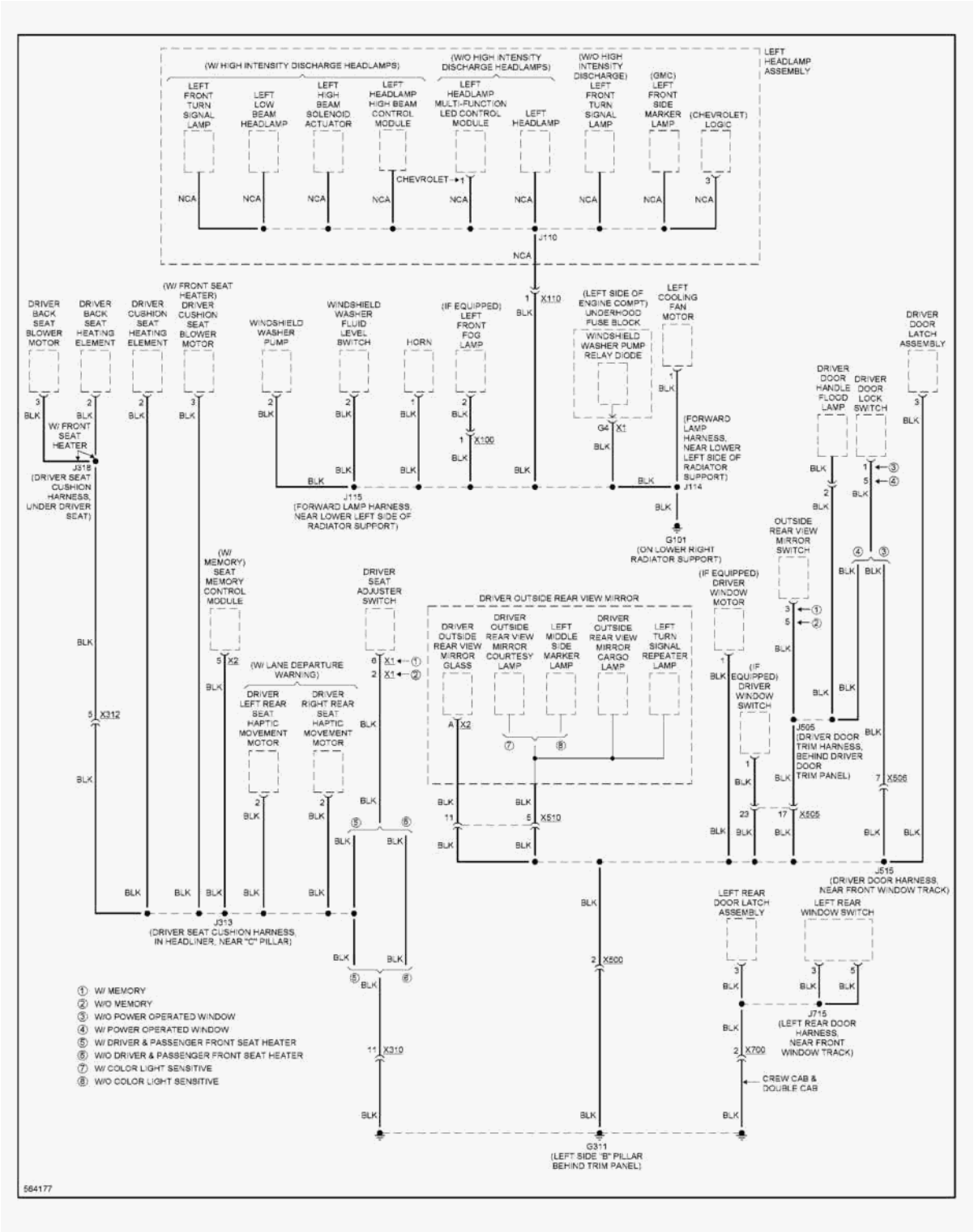

Fig. 64: Ground Distribution Circuit (2 of 6)

cardiagn.com

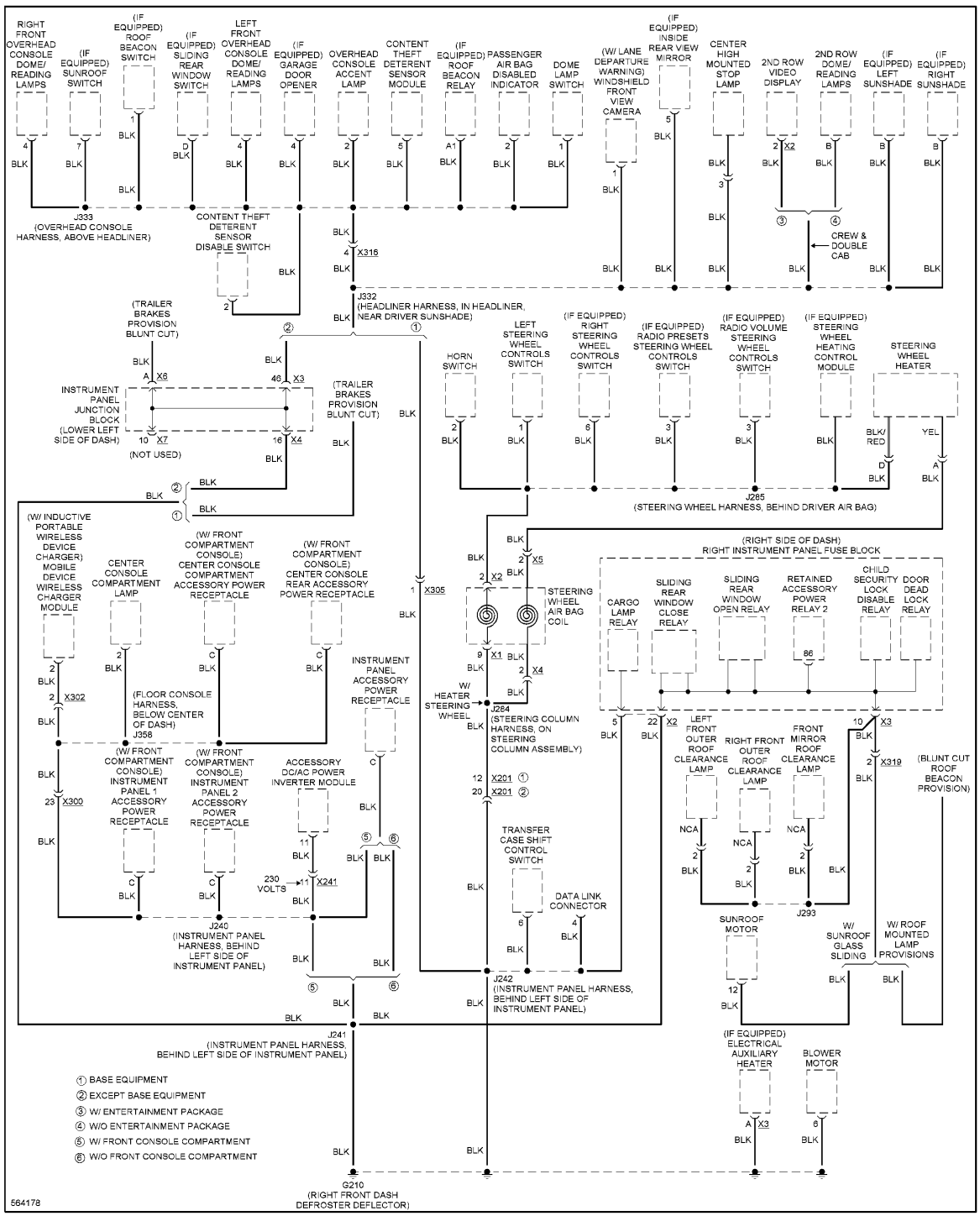

Fig. 65: Ground Distribution Circuit (3 of 6)

cardiagn.com

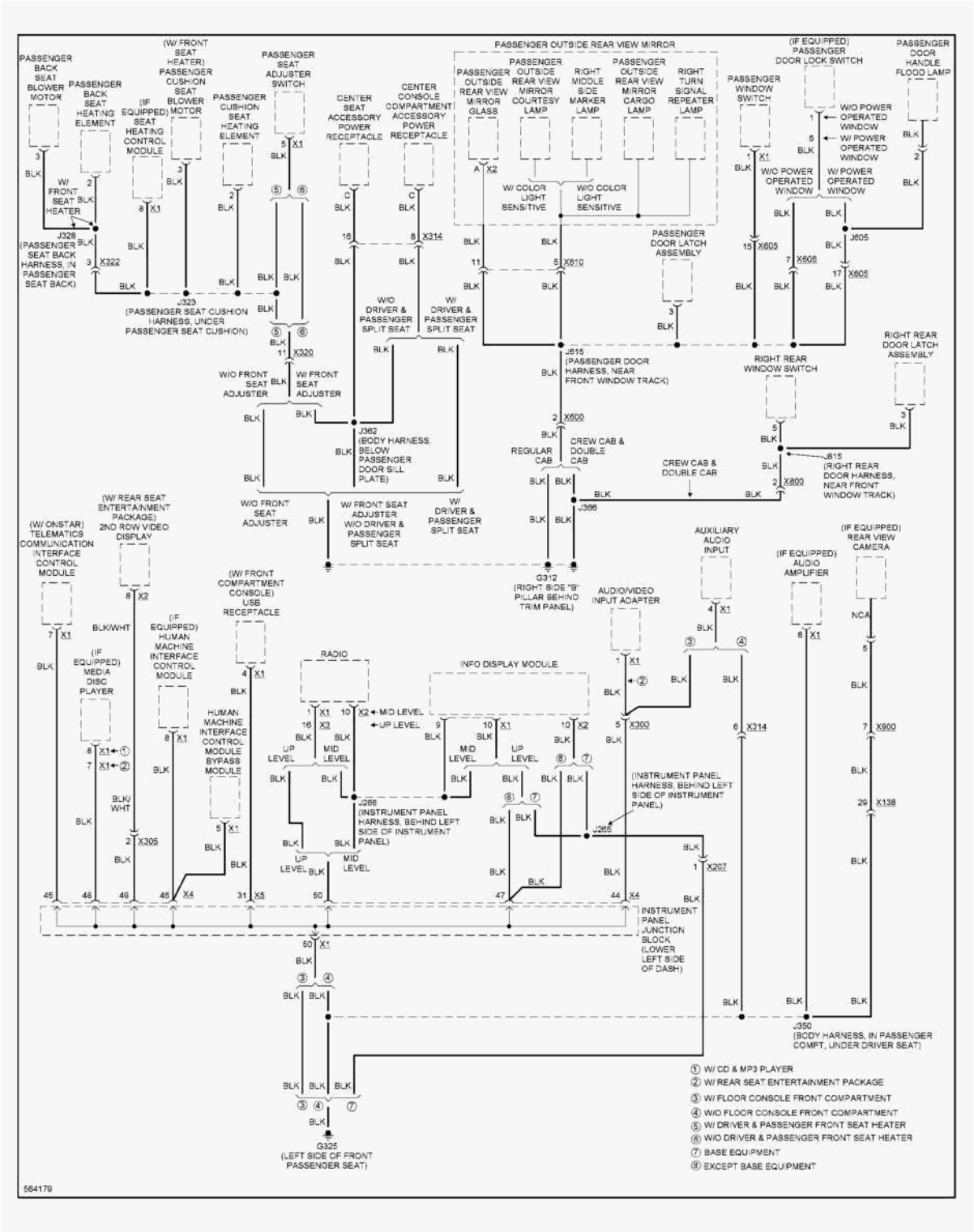

Fig. 66: Ground Distribution Circuit (4 of 6)

cardiagn.com

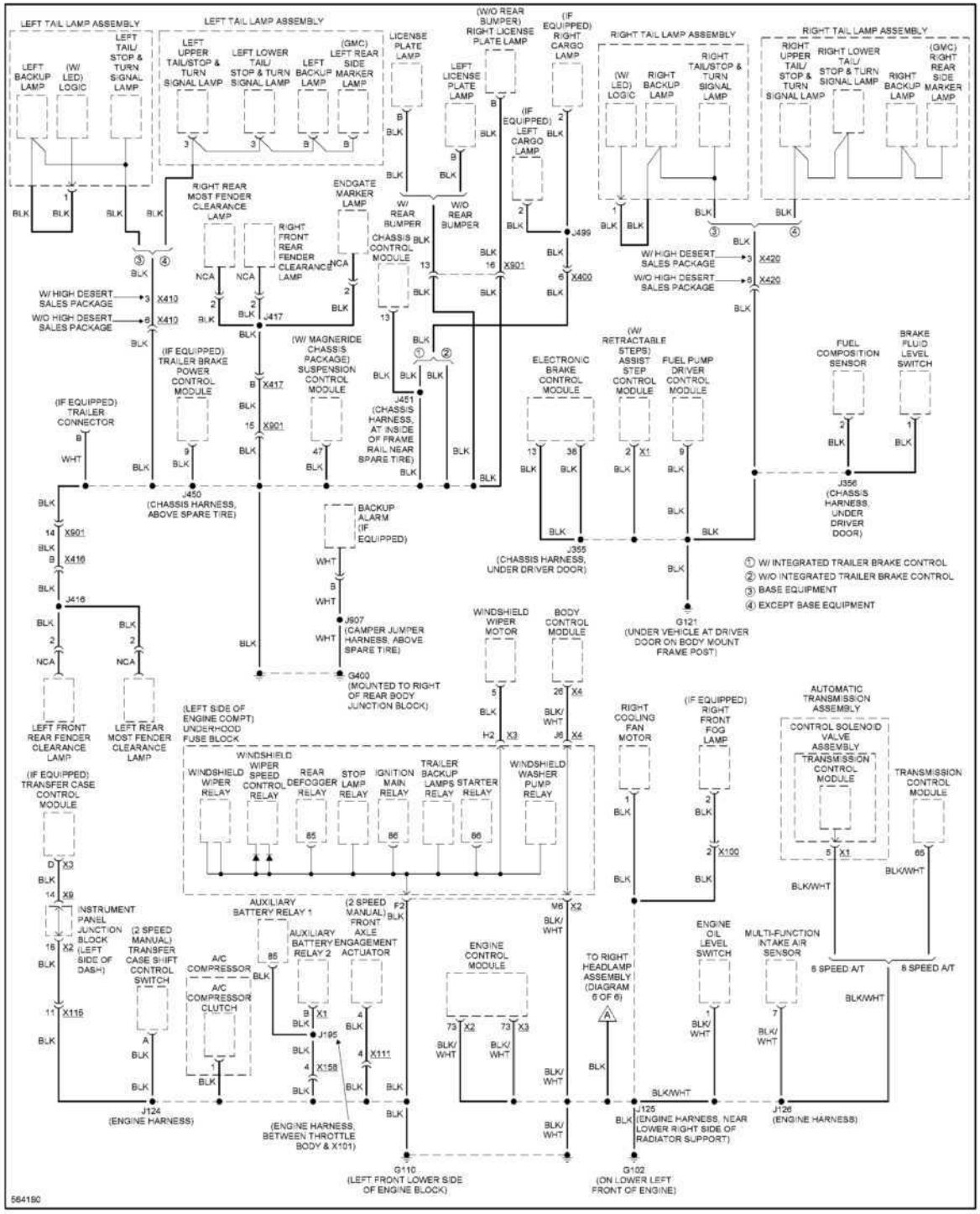

Fig. 67: Ground Distribution Circuit (5 of 6)

cardiagn.com

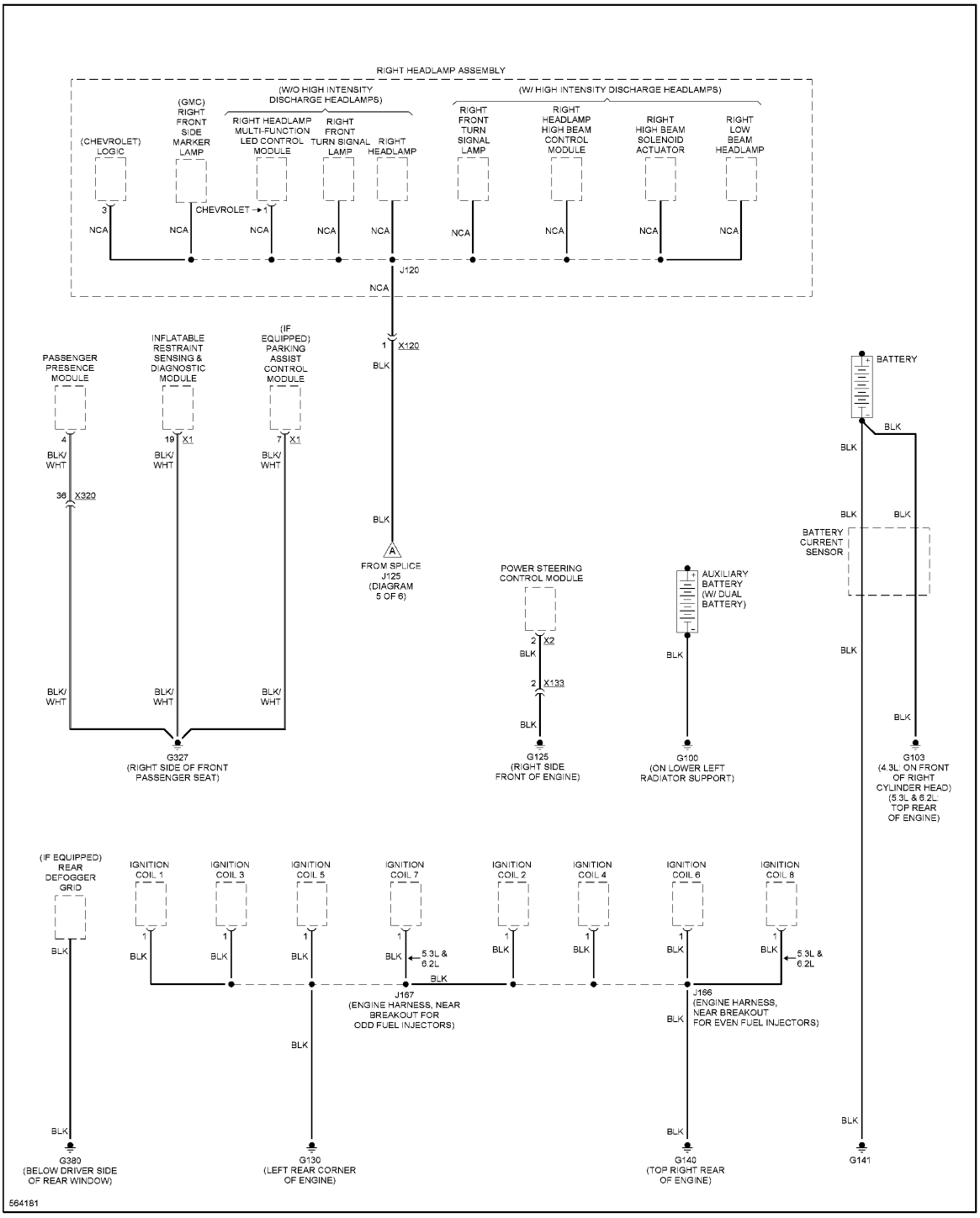

Fig. 68: Ground Distribution Circuit (6 of 6)

HEADLIGHTS

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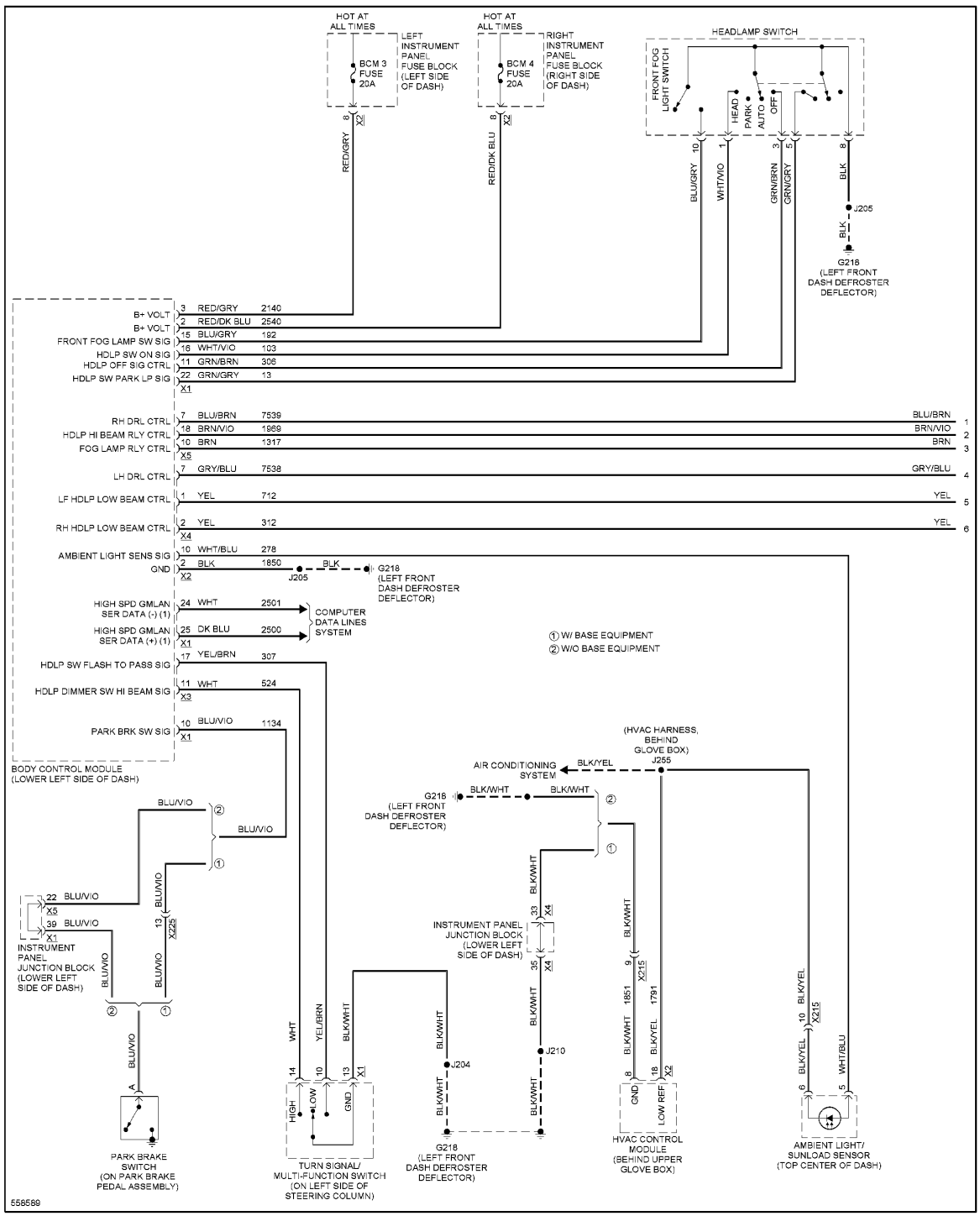

Fig. 69: Headlights Circuit (1 of 5)

cardiagn.com

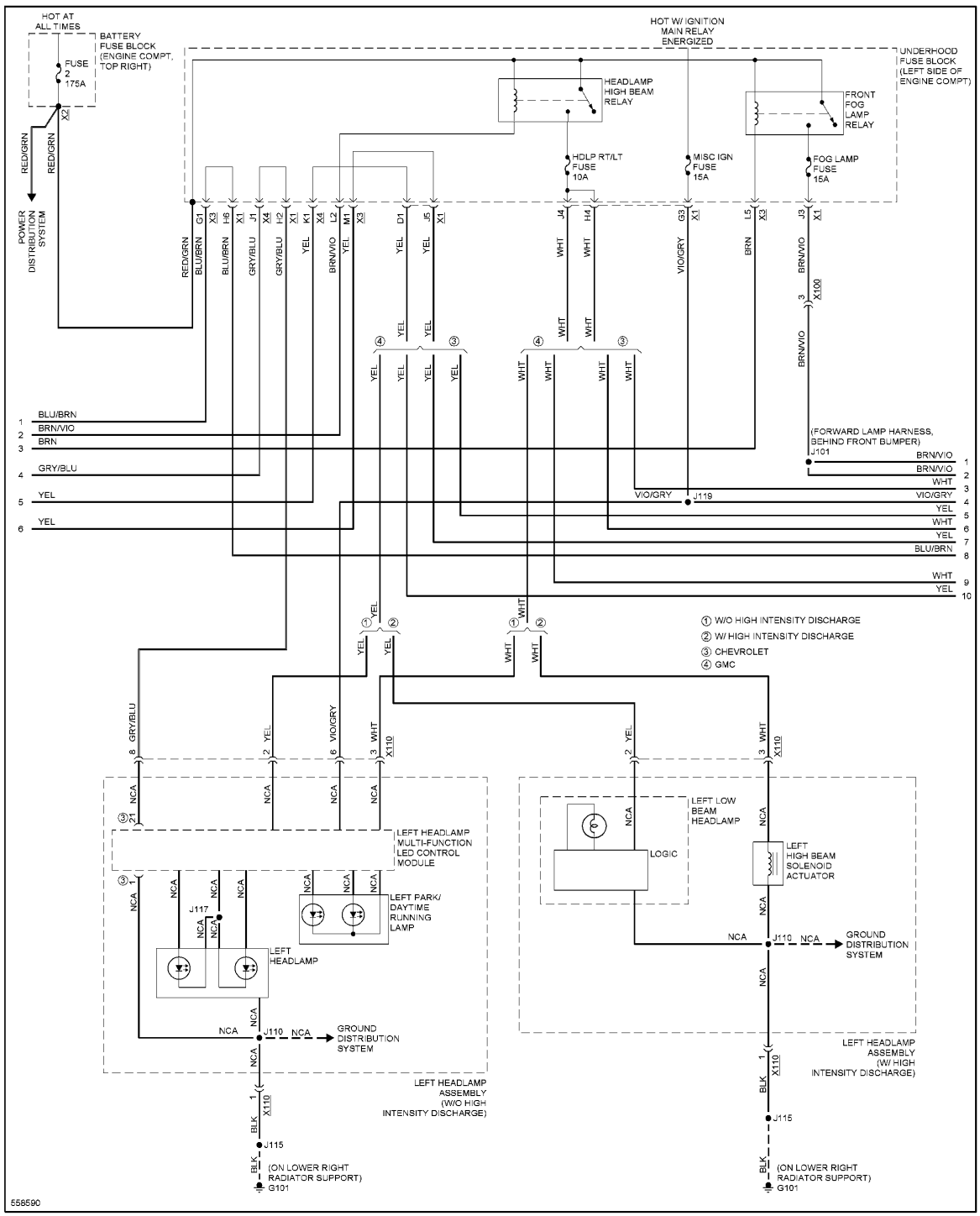

Fig. 70: Headlights Circuit (2 of 5)

cardiagn.com

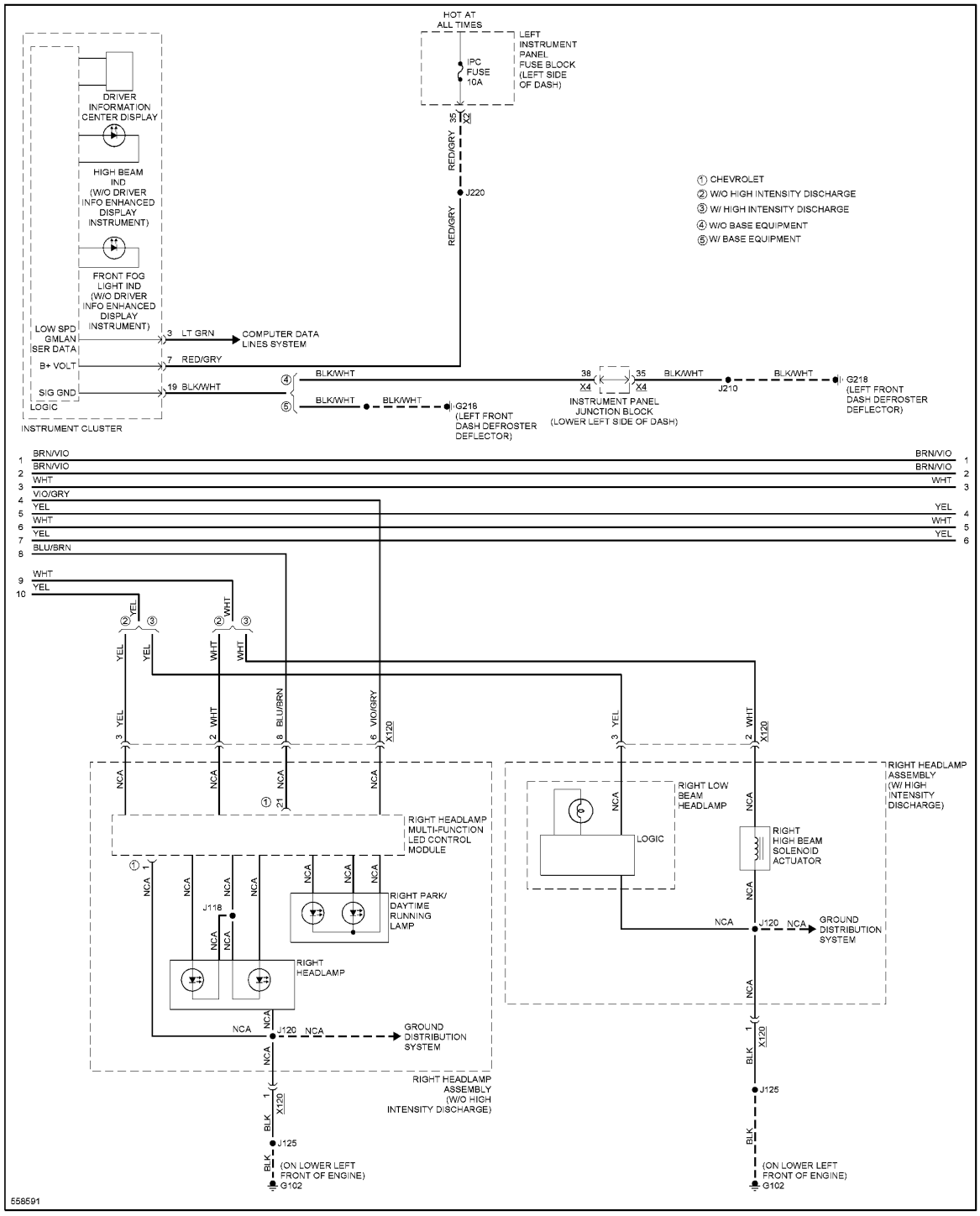

Fig. 71: Headlights Circuit (3 of 5)

cardiagn.com

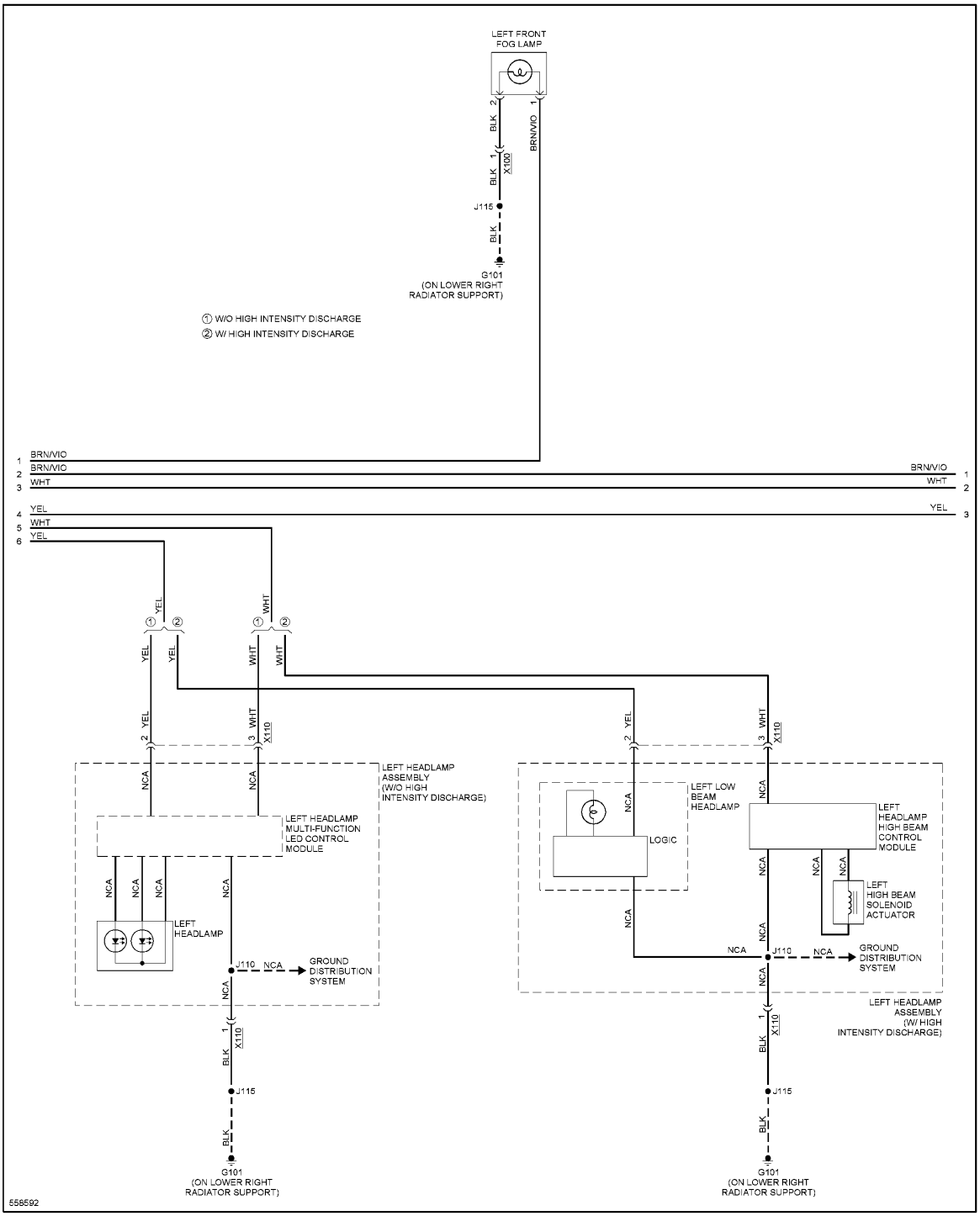

Fig. 72: Headlights Circuit (4 of 5)

cardiagn.com

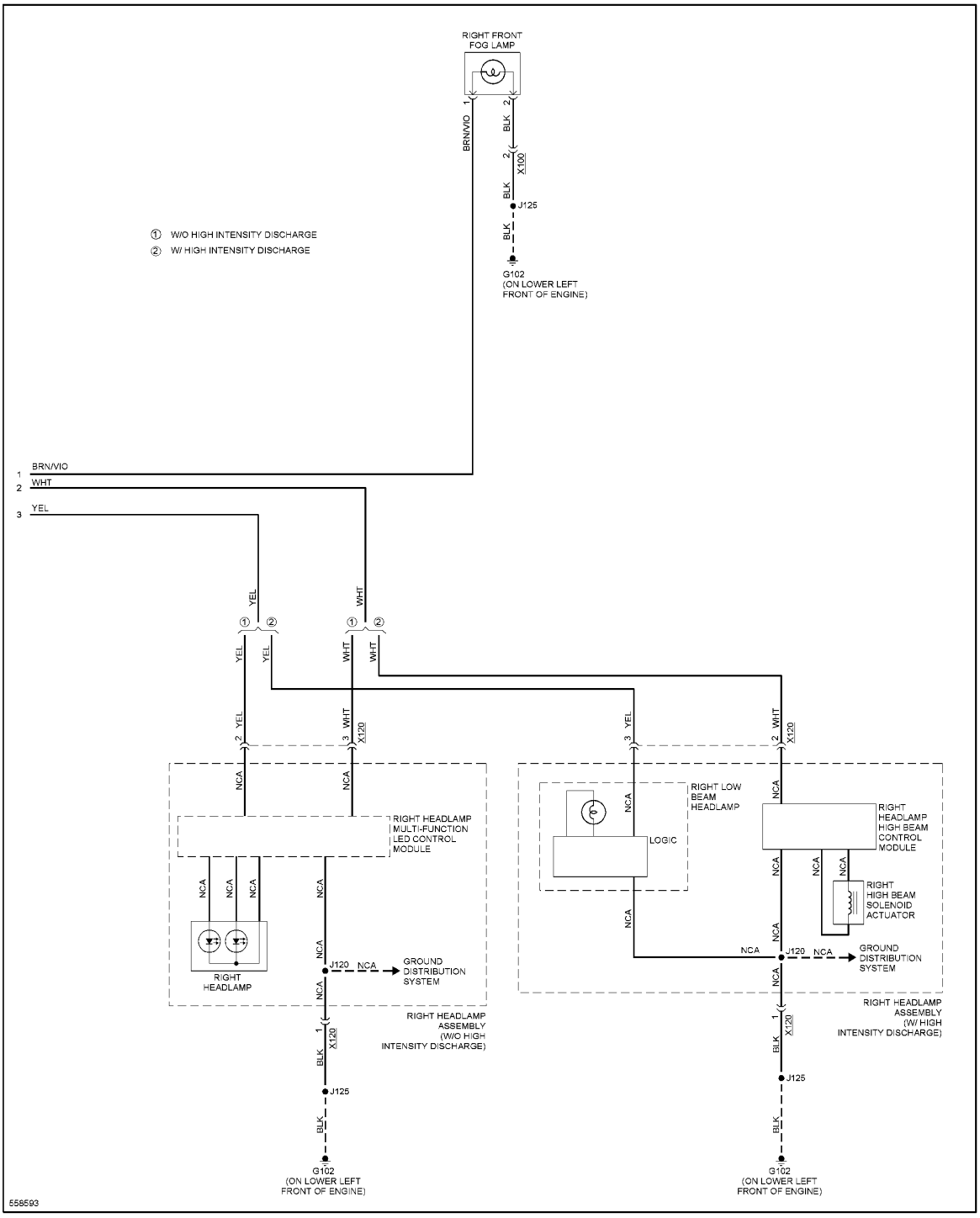

Fig. 73: Headlights Circuit (5 of 5)

HORN

cardiagn.com

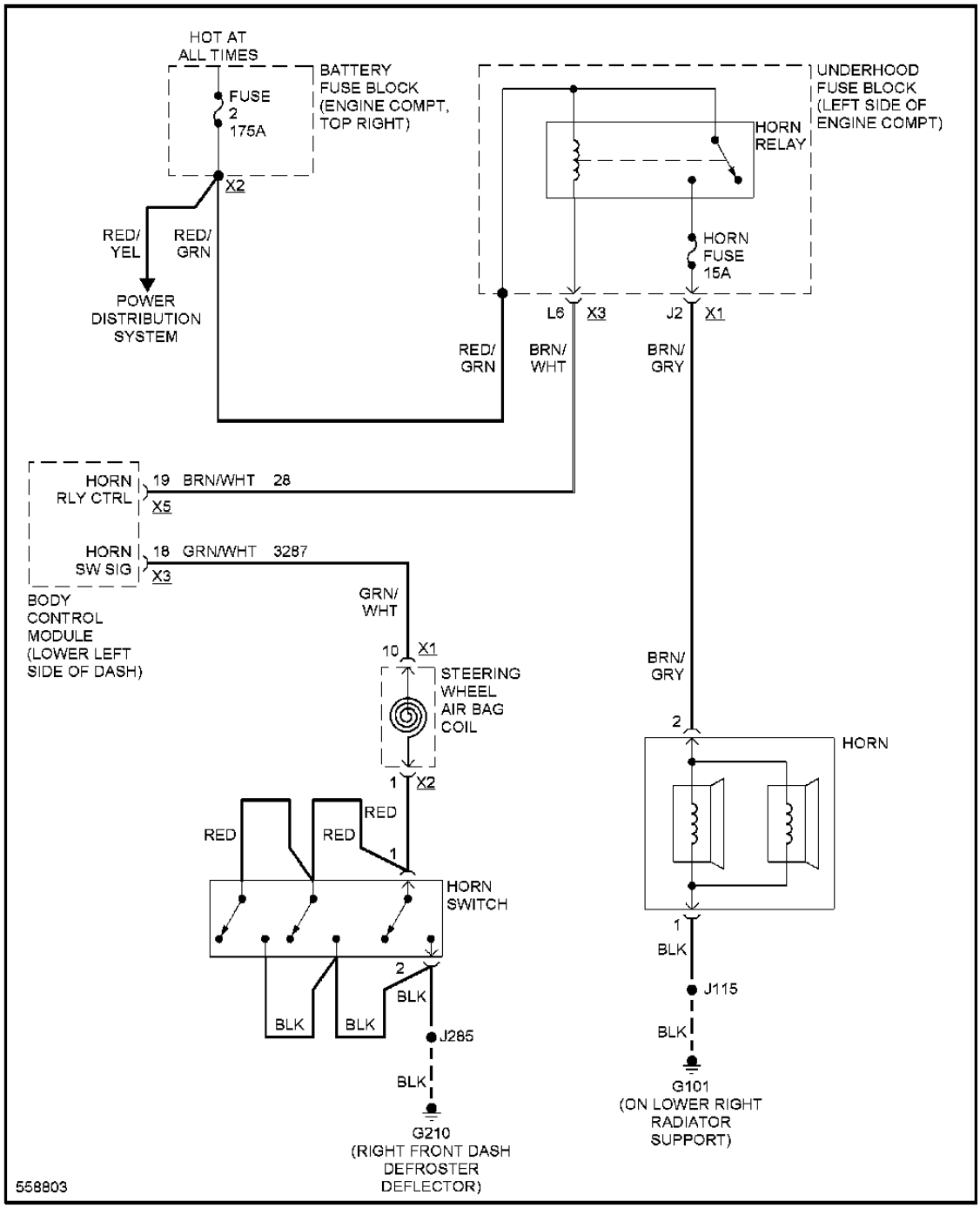

Fig. 74: Horn Circuit

INSTRUMENT CLUSTER

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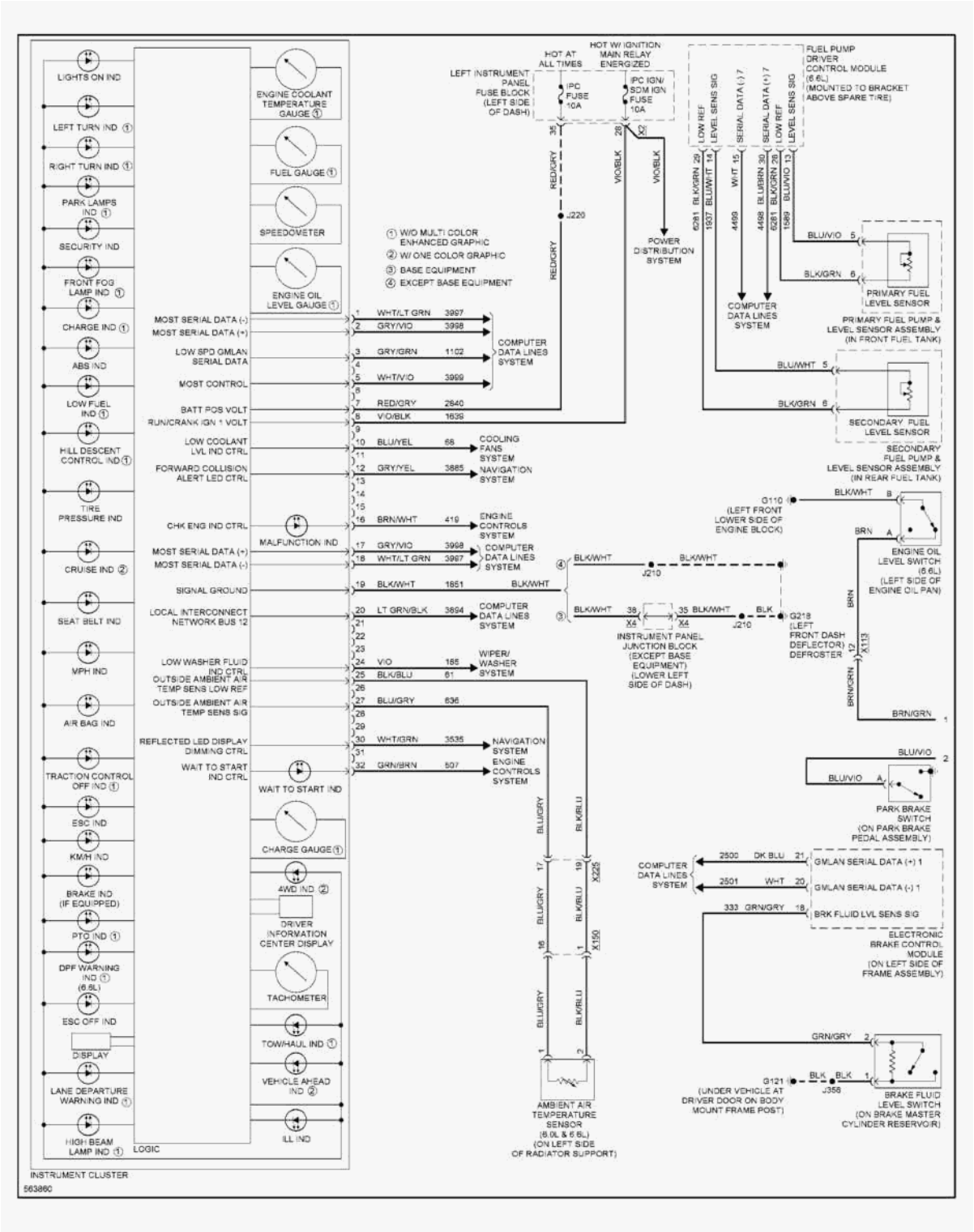

Fig. 75: Instrument Cluster Circuit (1 of 2)

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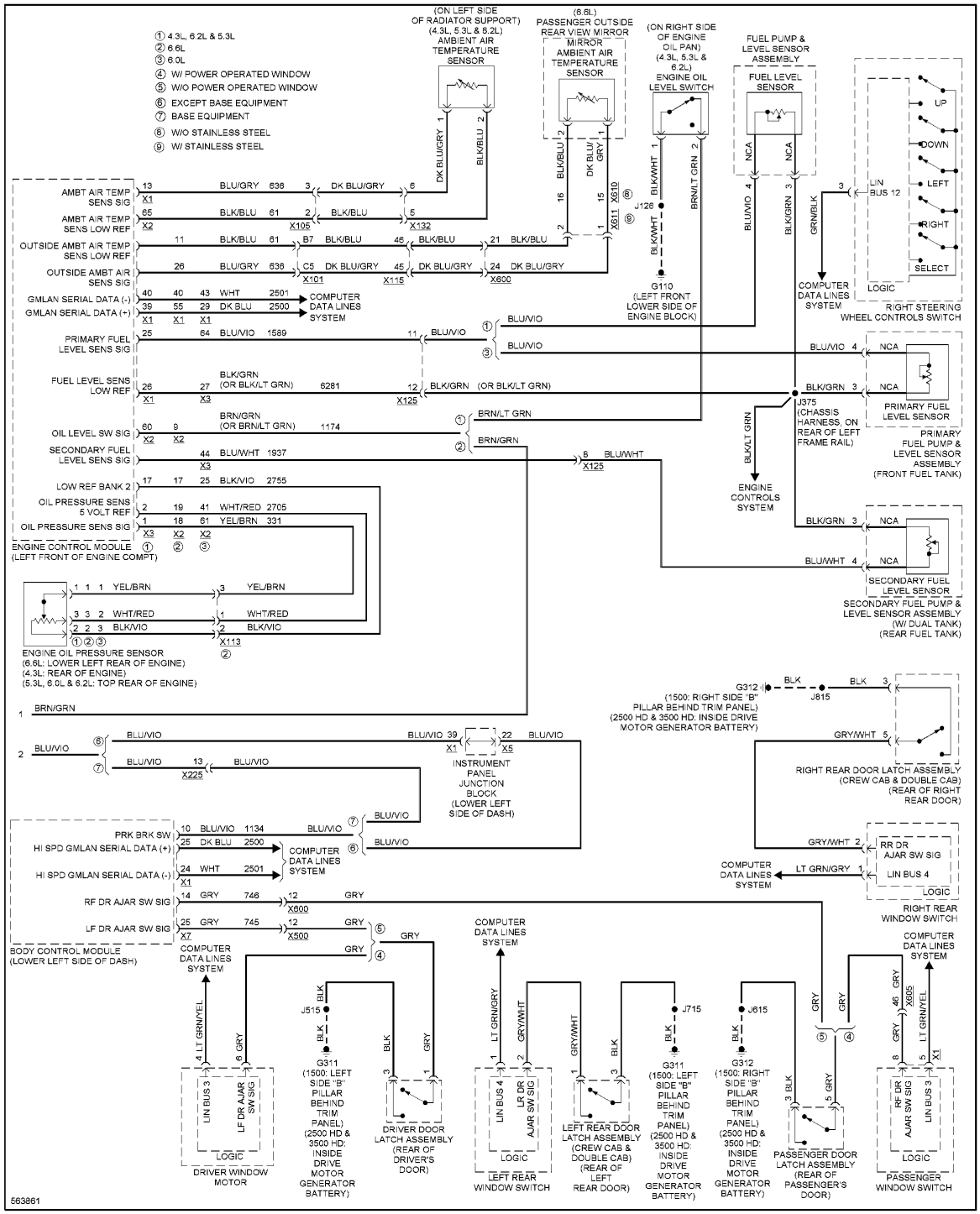

Fig. 76: Instrument Cluster Circuit (2 of 2)

INTERIOR LIGHTS

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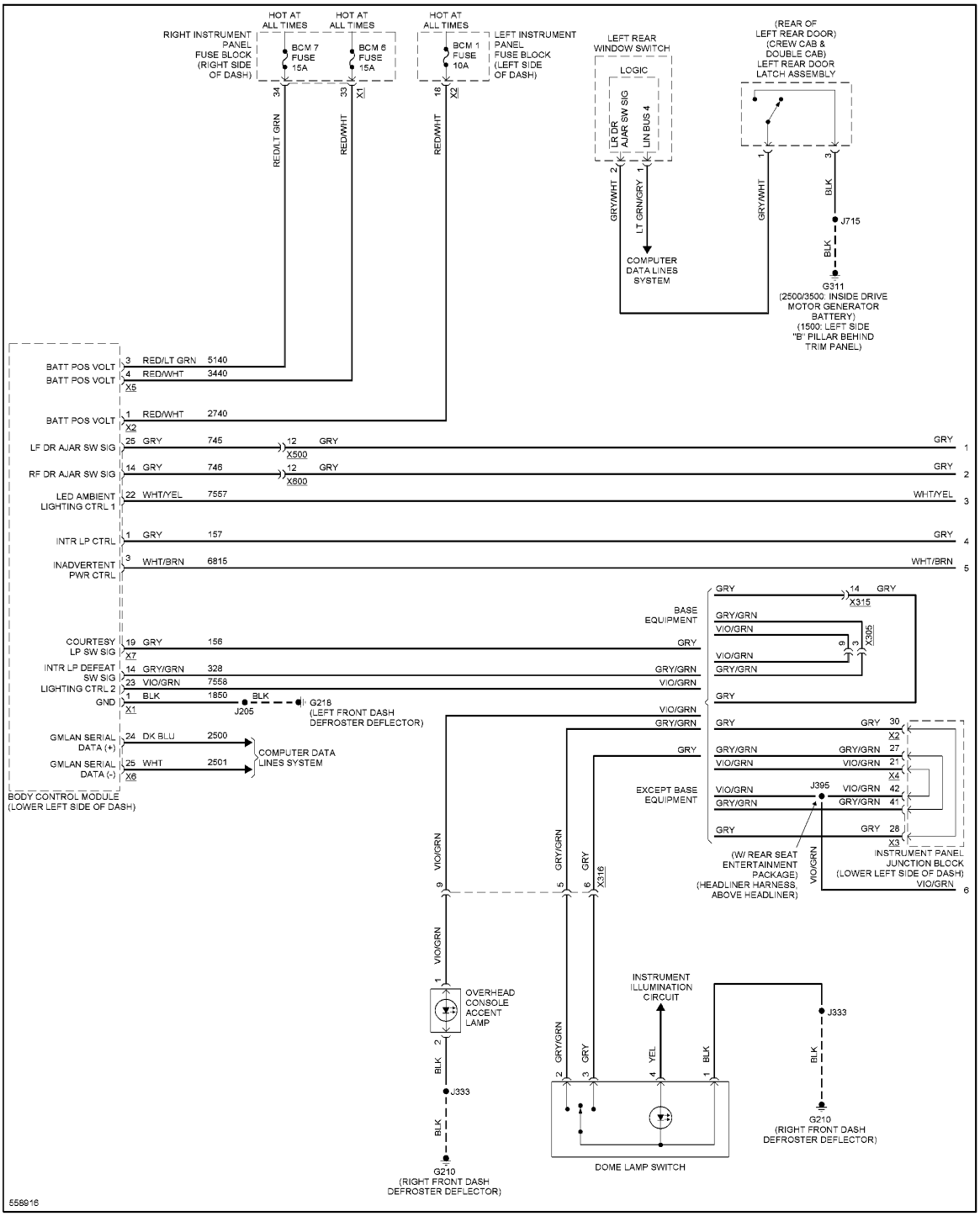

Fig. 77: Courtesy Lamps Circuit (1 of 3)

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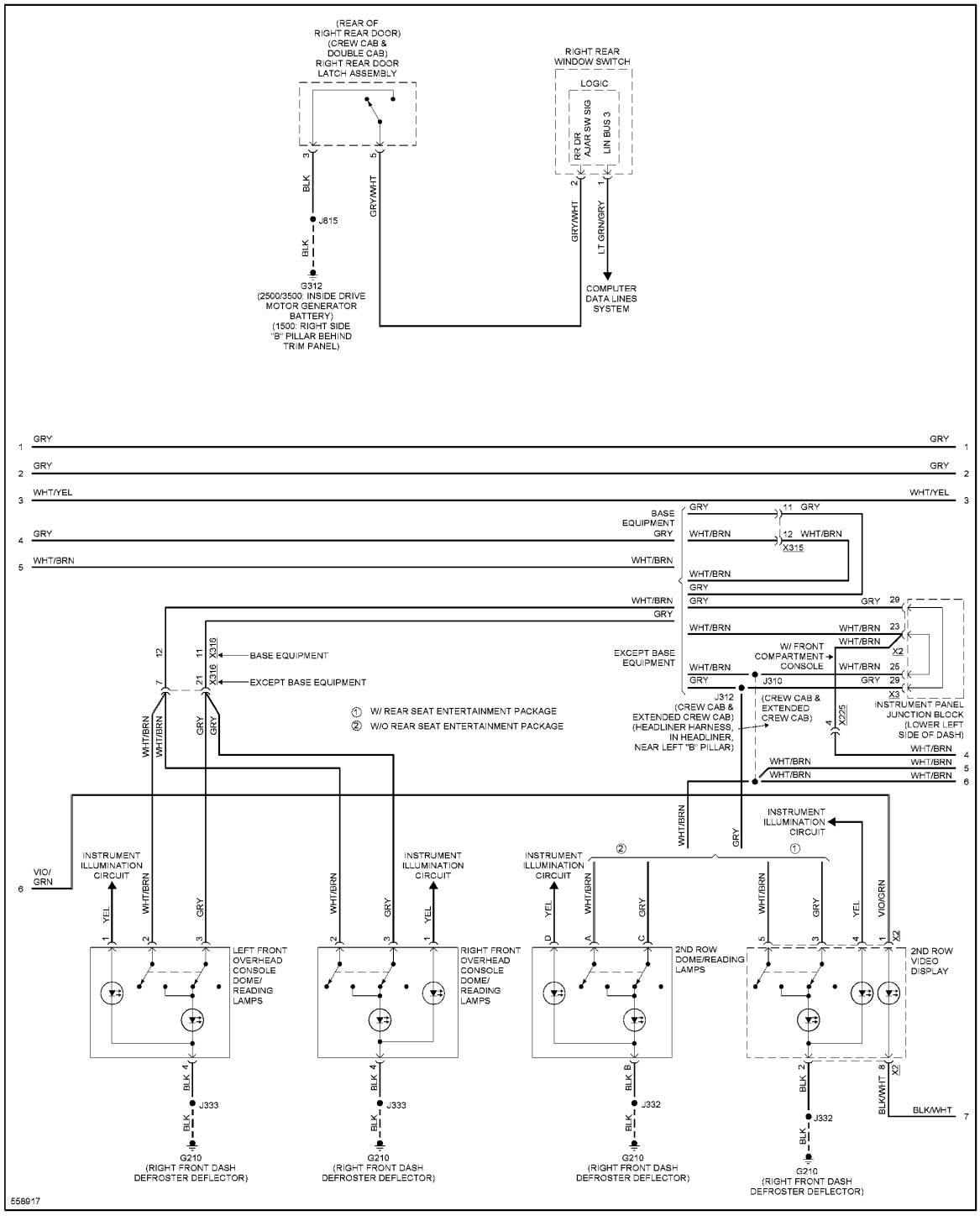

Fig. 78: Courtesy Lamps Circuit (2 of 3)

cardiagn.com

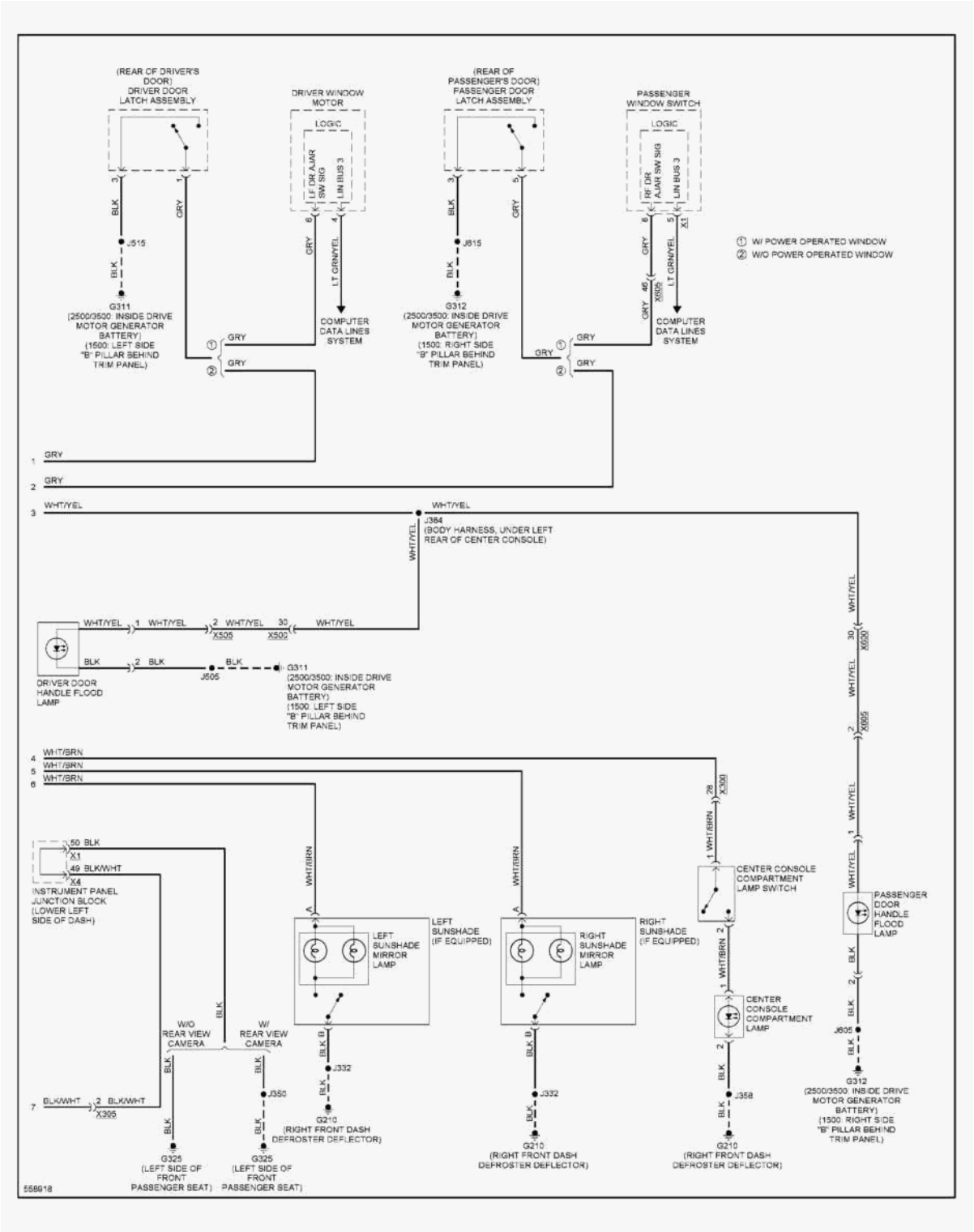

Fig. 79: Courtesy Lamps Circuit (3 of 3)

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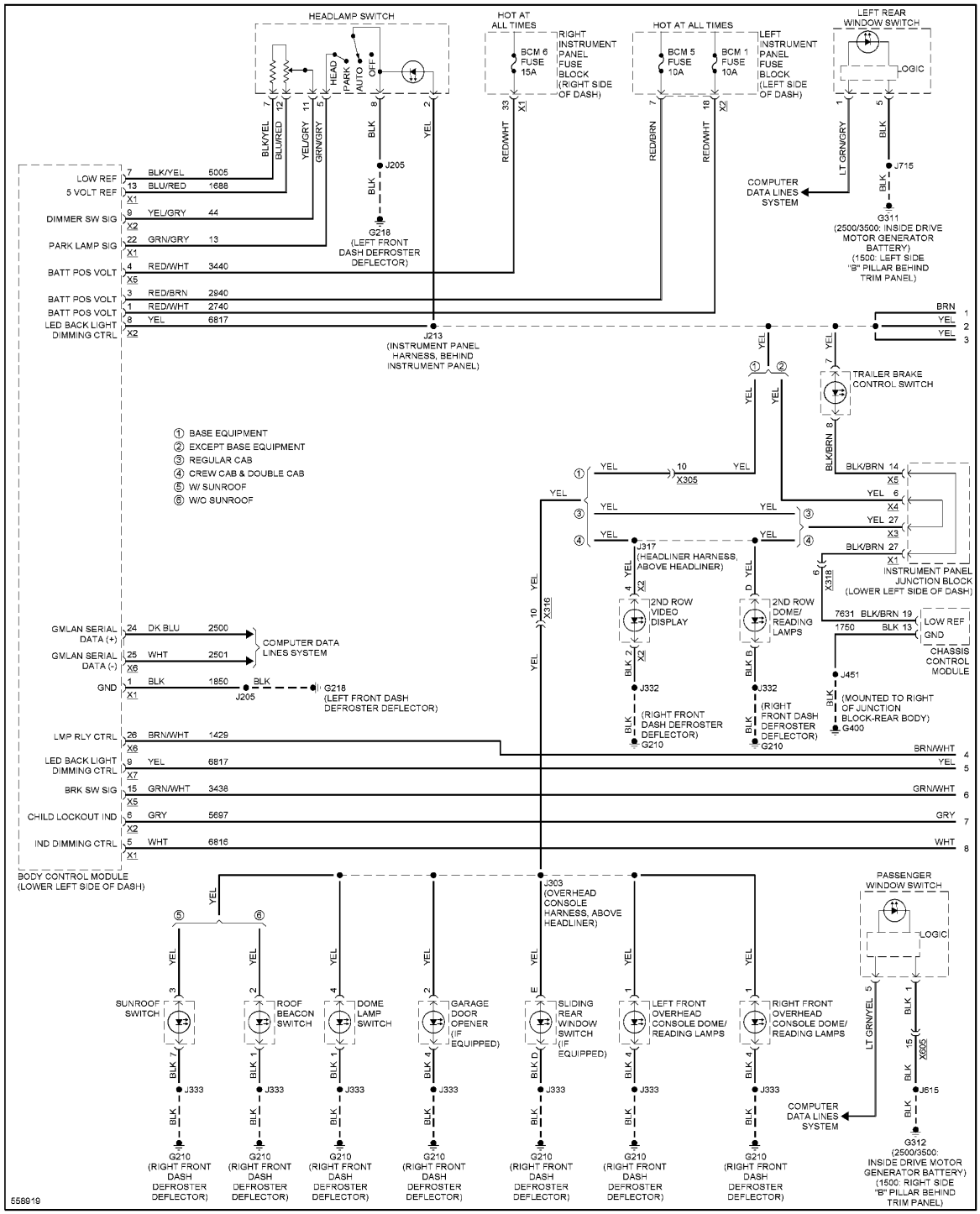

Fig. 80: Instrument Illumination Circuit (1 of 3)

cardiagn.com

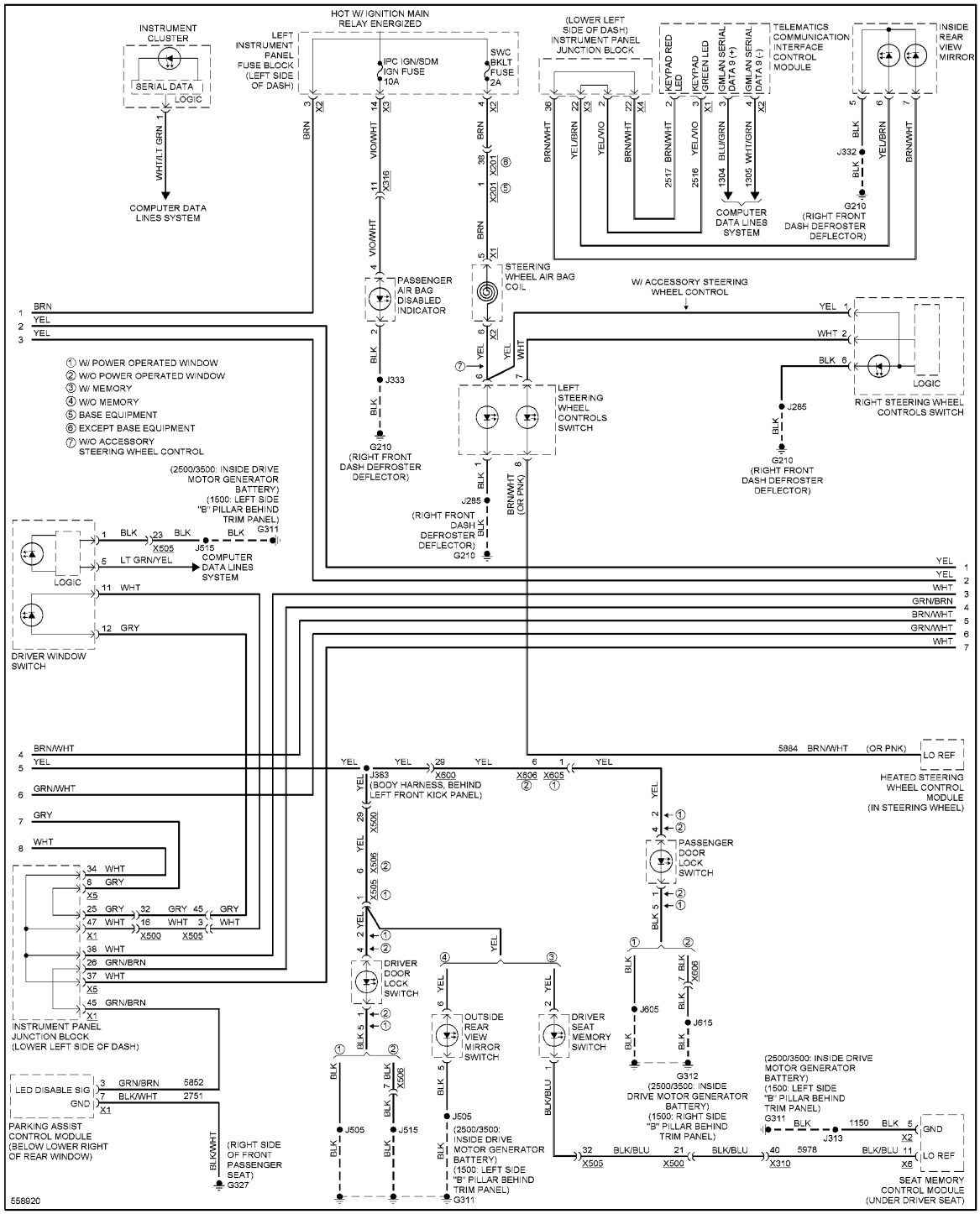

Fig. 81: Instrument Illumination Circuit (2 of 3)

cardiagn.com

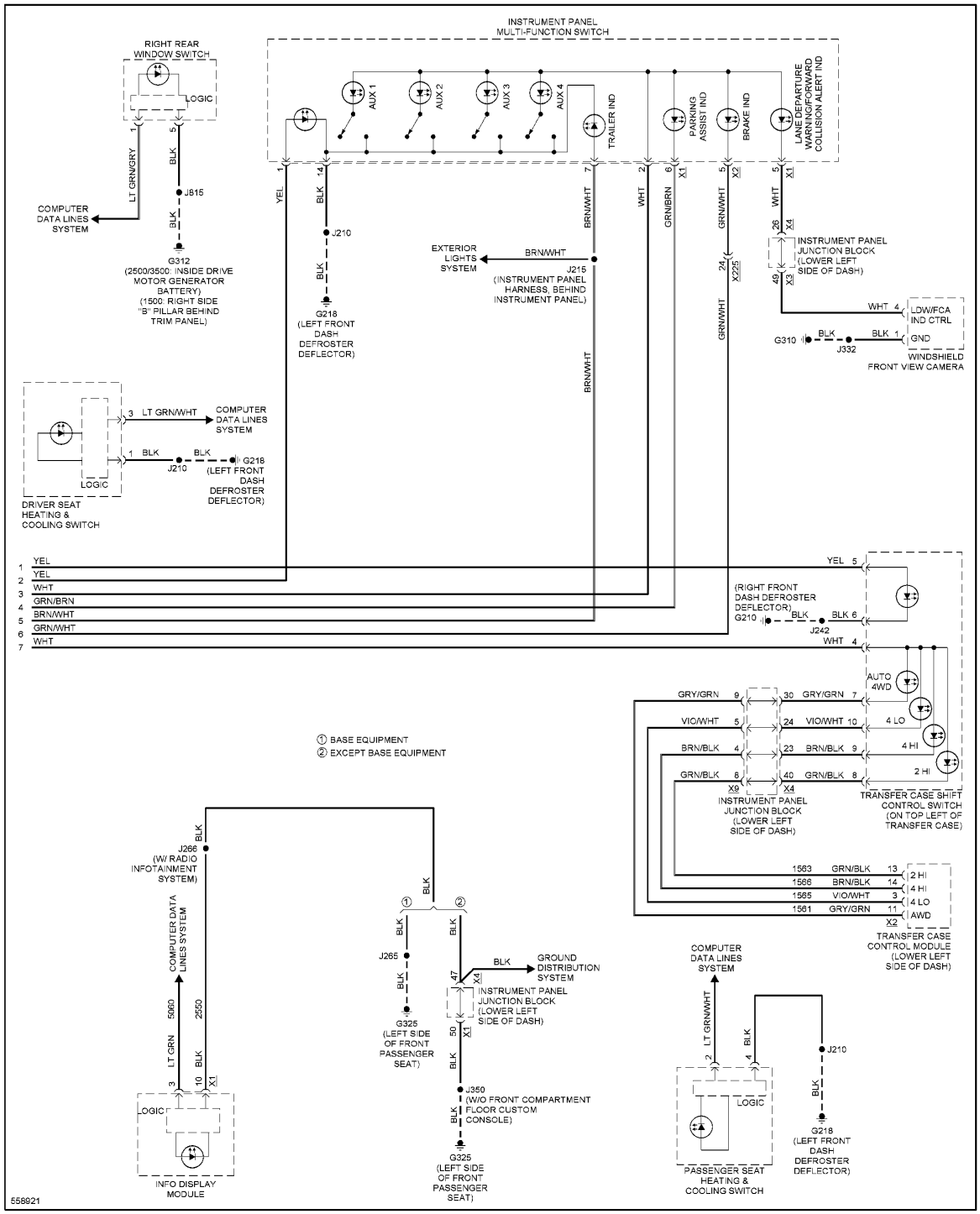

Fig. 82: Instrument Illumination Circuit (3 of 3)

MEMORY SYSTEMS

cardiagn.com

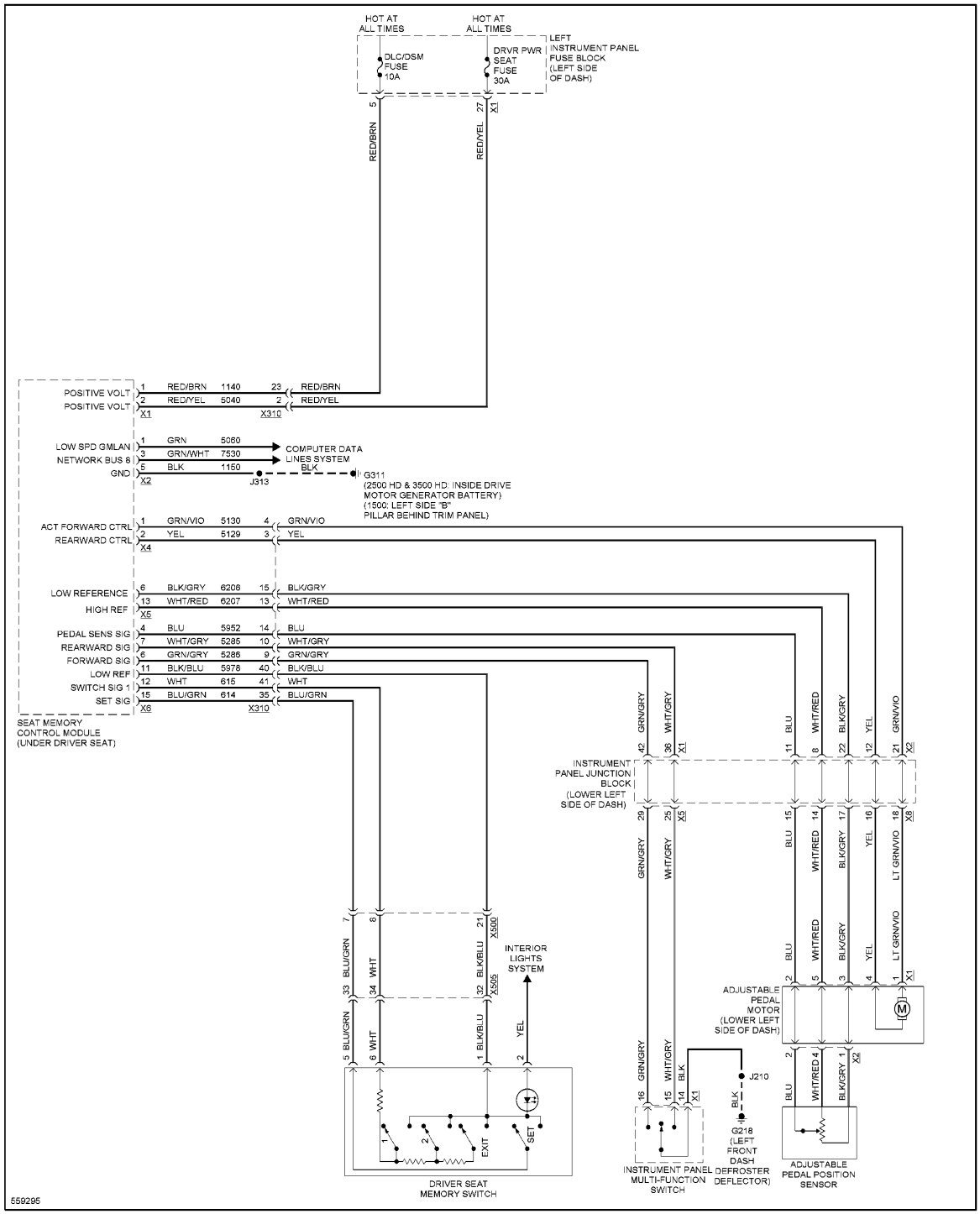

Fig. 83: Adjustable Pedal Circuit

cardiagn.com

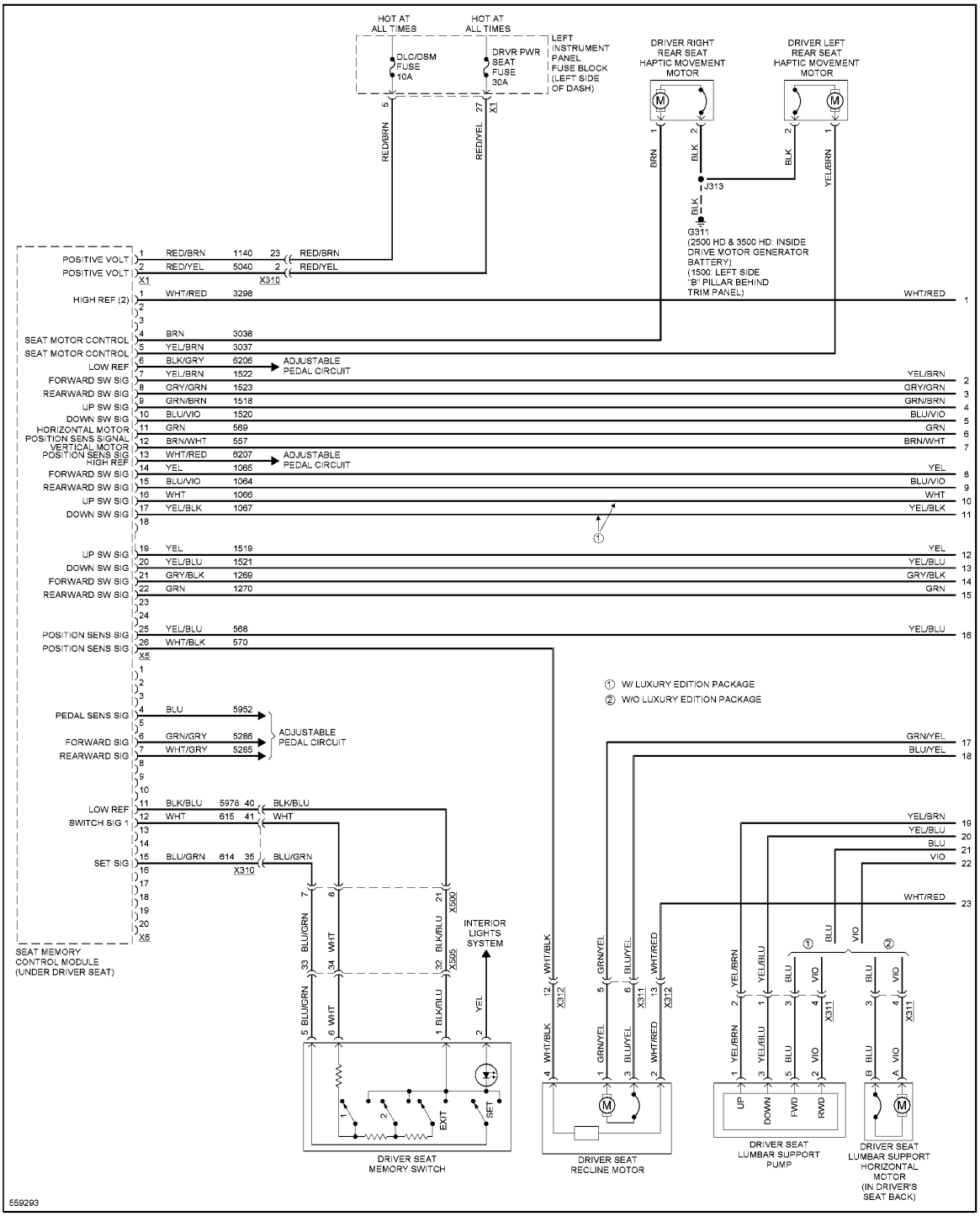

Fig. 84: Driver"s Memory Seat Circuit (1 of 2)

cardiagn.com

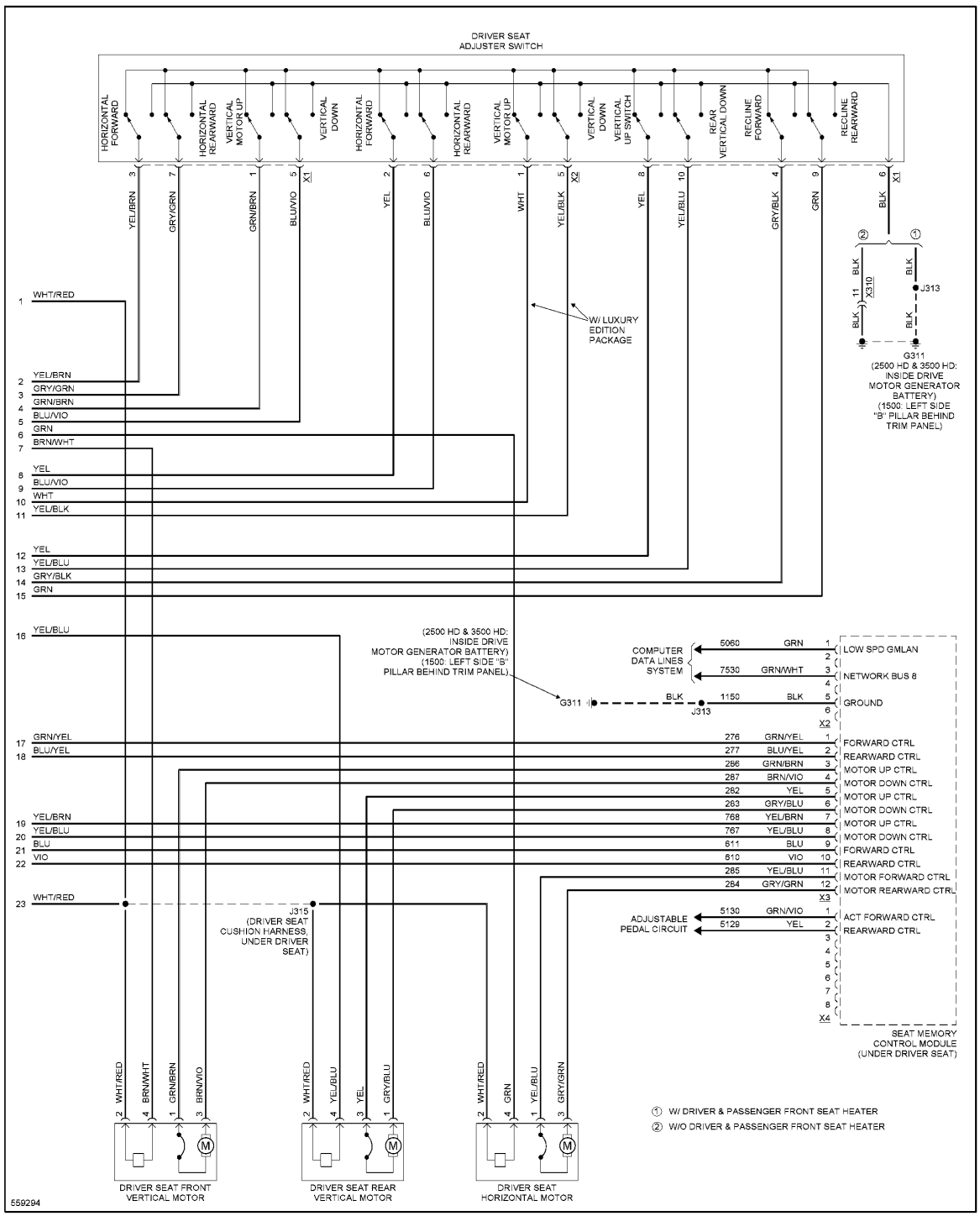

Fig. 85: Driver"s Memory Seat Circuit (2 of 2)

cardiagn.com

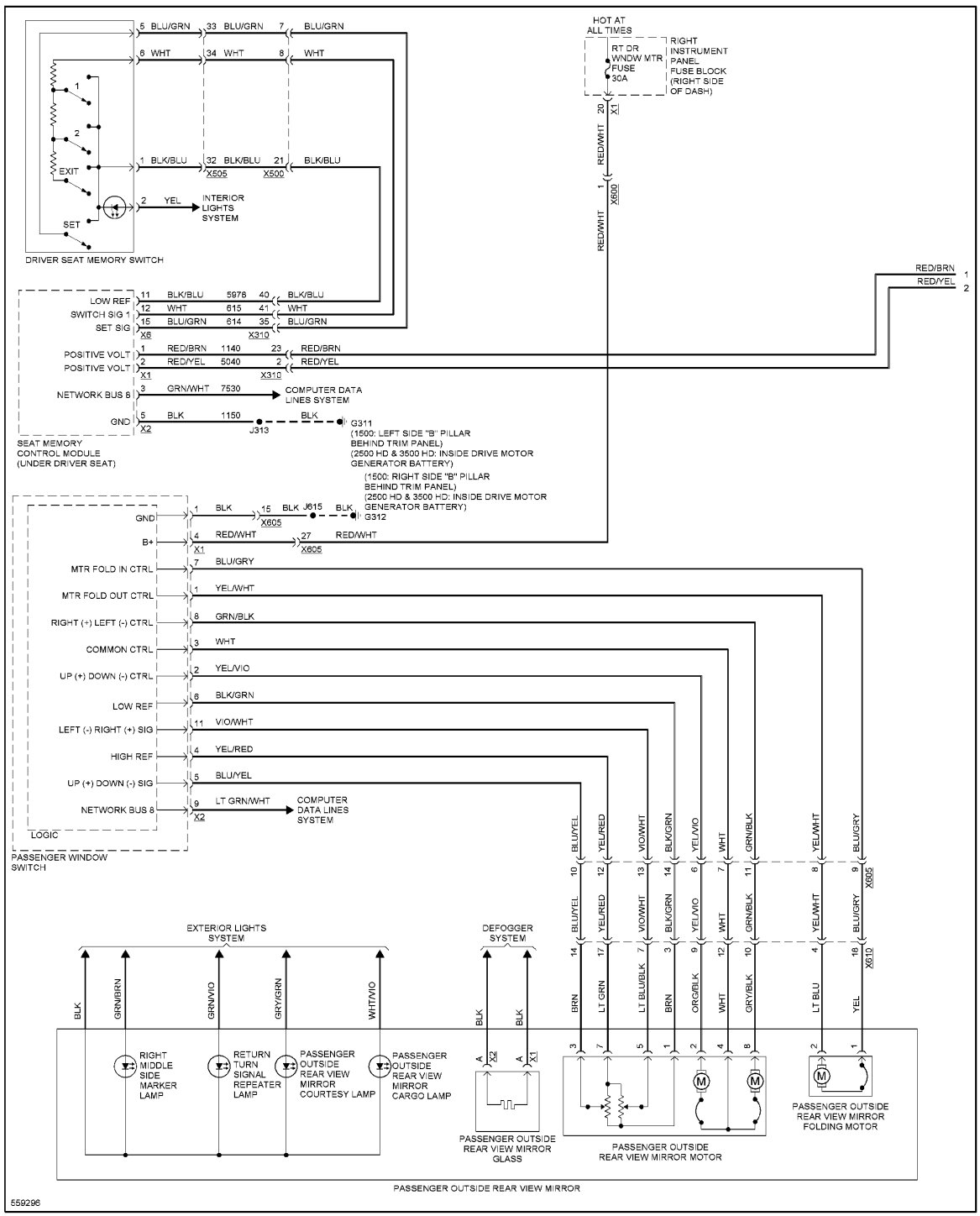

Fig. 86: Memory Mirrors Circuit (1 of 2)

cardiagn.com

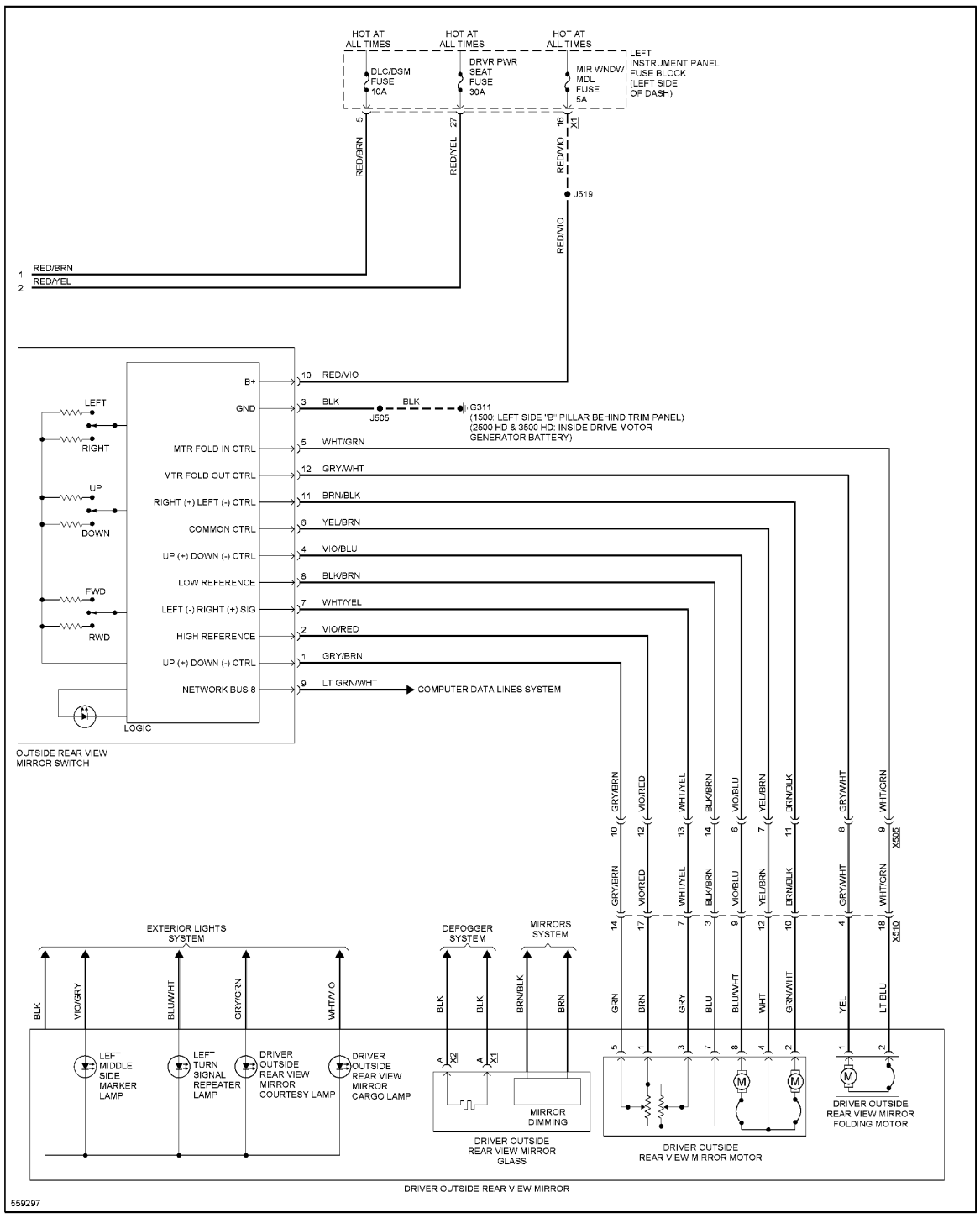

Fig. 87: Memory Mirrors Circuit (2 of 2)

NAVIGATION

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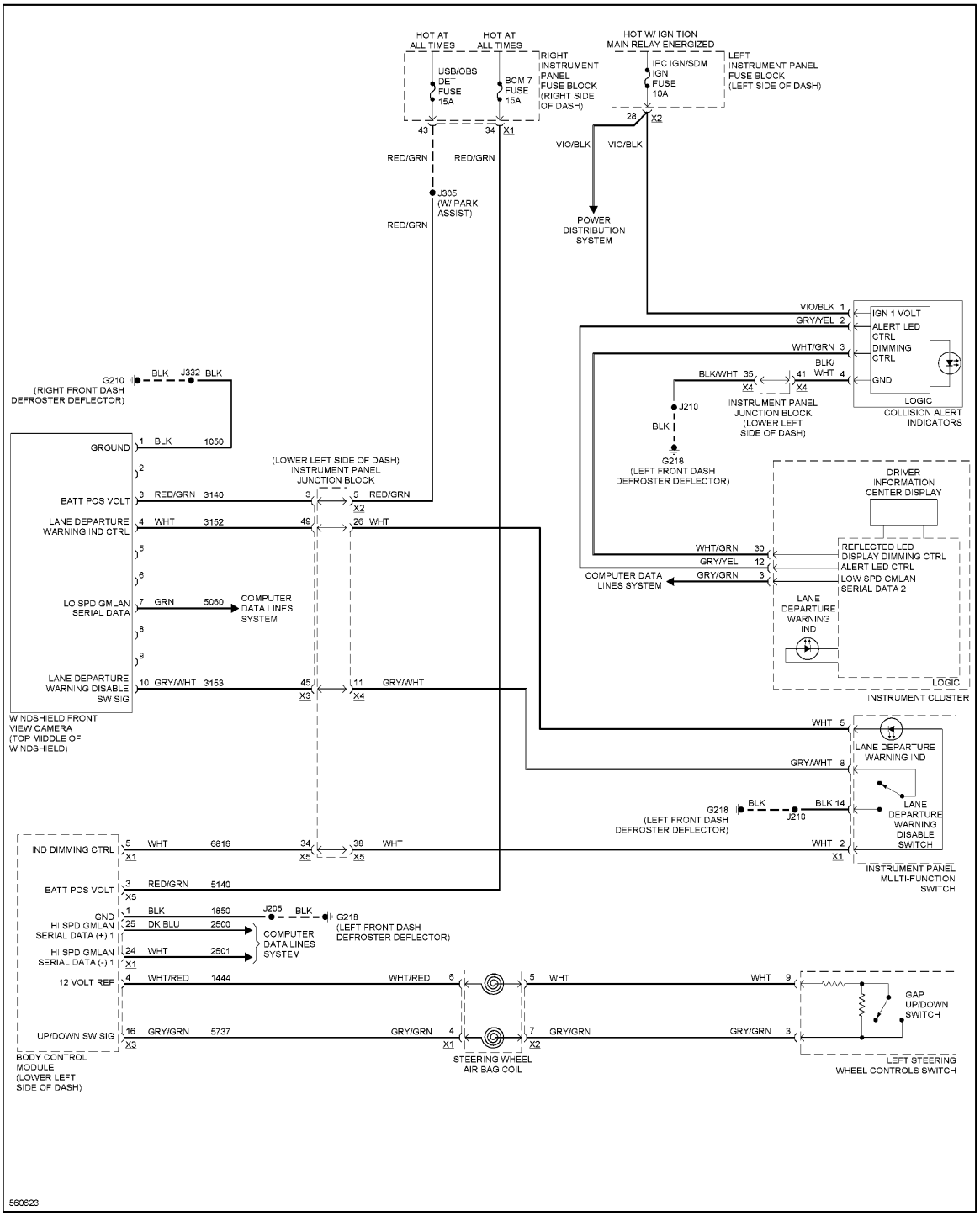

Fig. 88: Lane Departure Warning Circuit, W/ Forward Collision Alert

cardiagn.com

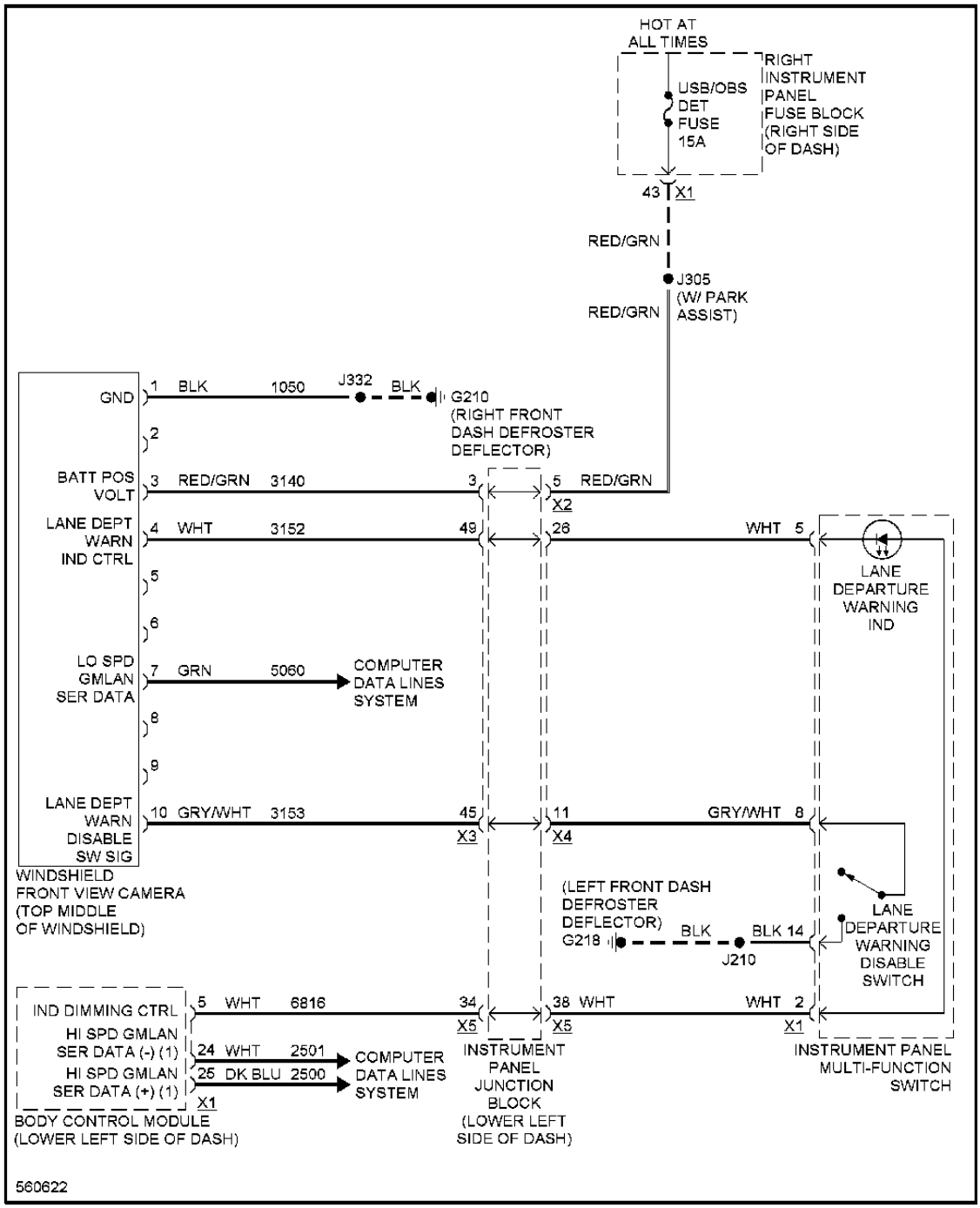

Fig. 89: Lane Departure Warning Circuit, W/O Forward Collision Alert & Active Safety Lane Keep Assist

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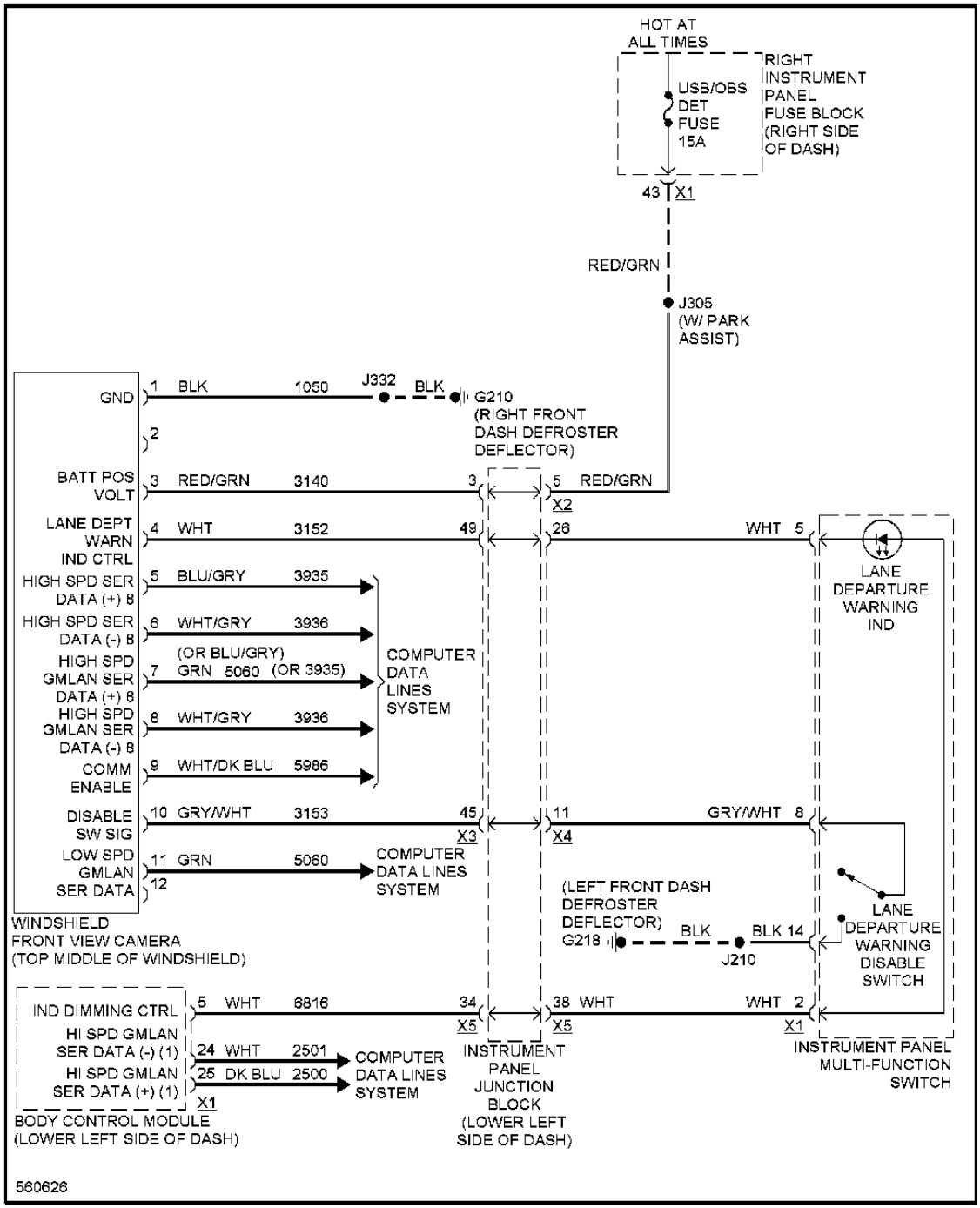

Fig. 90: Lane Departure Warning Circuit, W/O Forward Collision Alert W/ Active Safety Lane Keep Assist

cardiagn.com

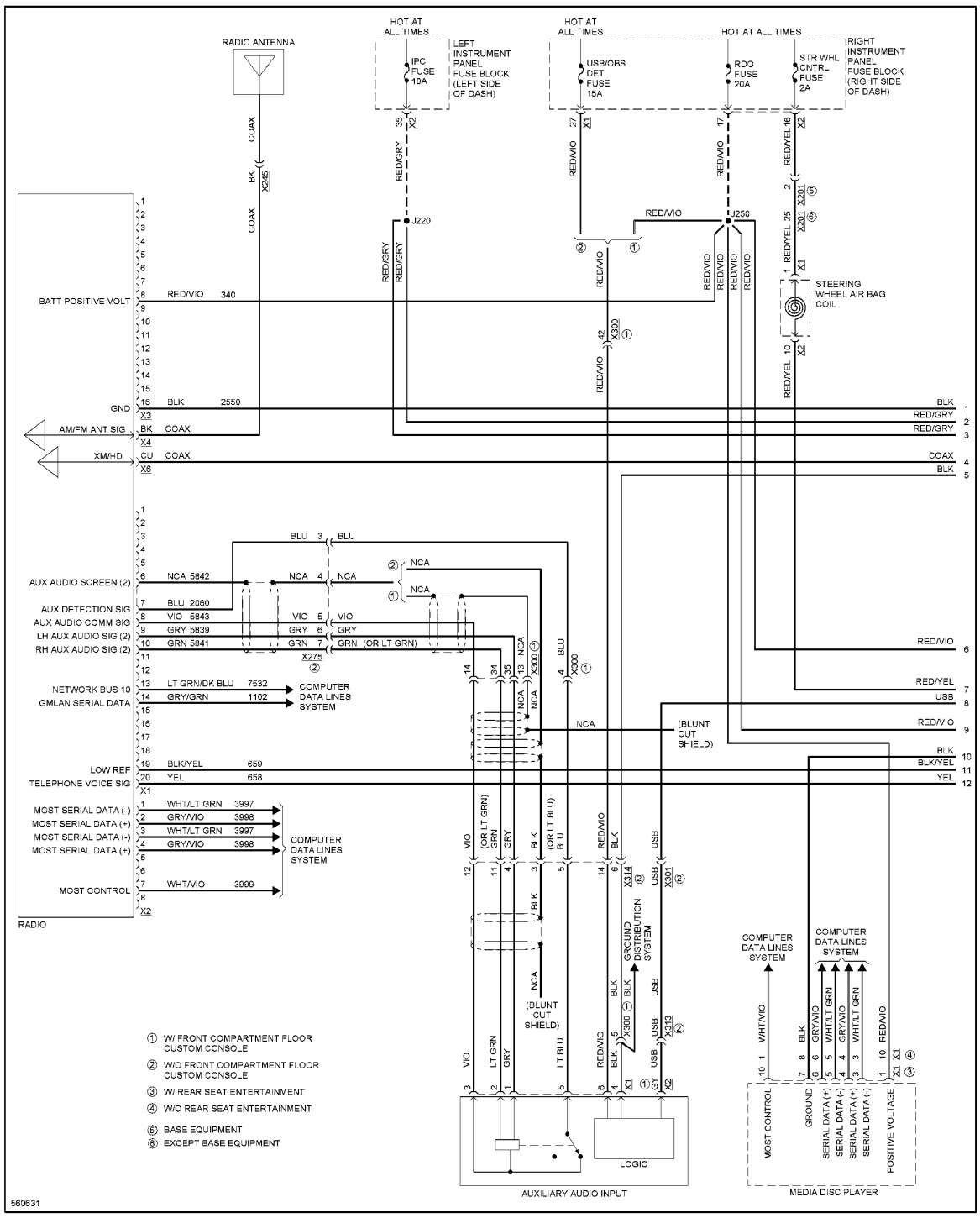

Fig. 91: Navigation Circuit, W/ Amplifier (1 of 4)

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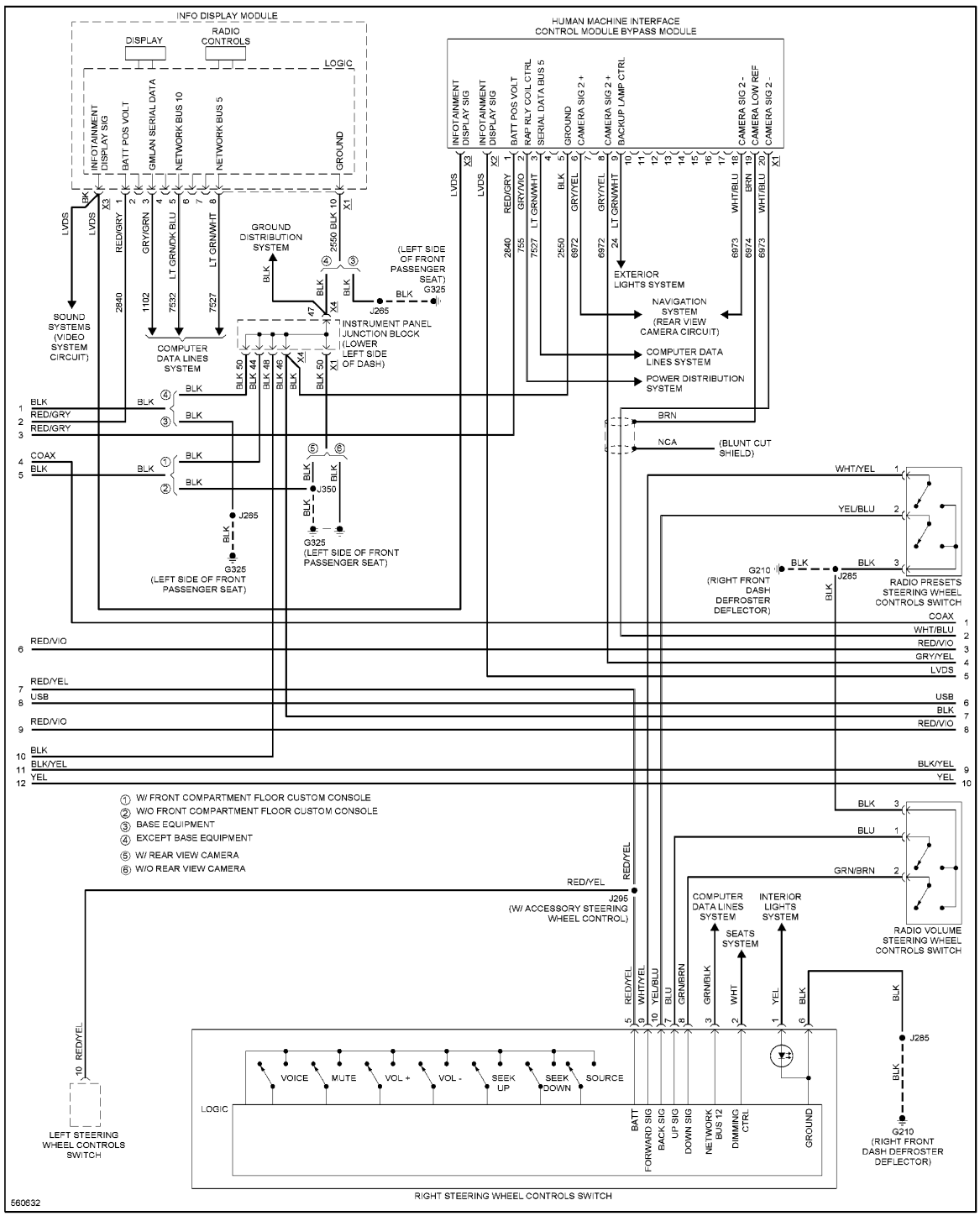

Fig. 92: Navigation Circuit, W/ Amplifier (2 of 4)

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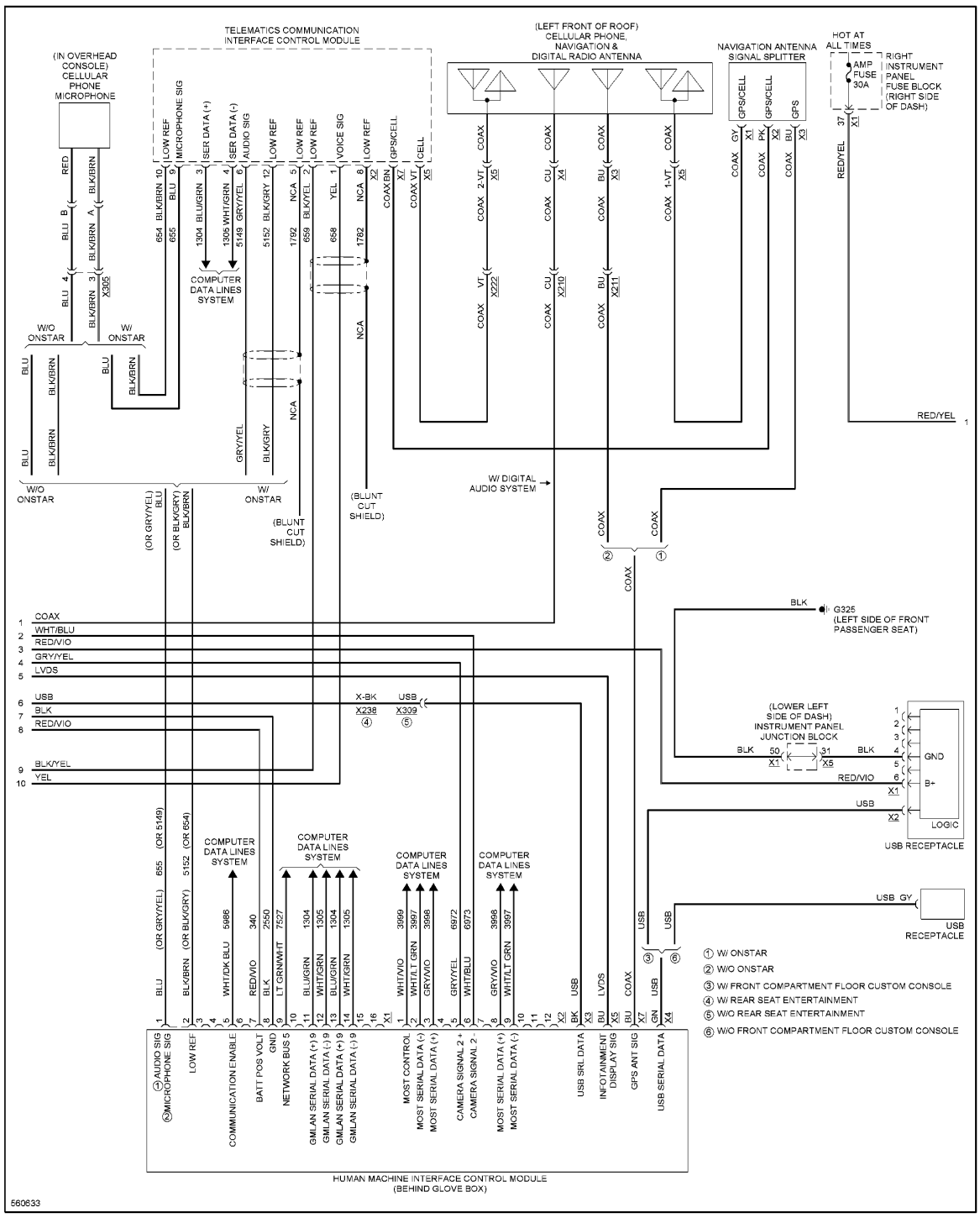

Fig. 93: Navigation Circuit, W/ Amplifier (3 of 4)

cardiagn.com

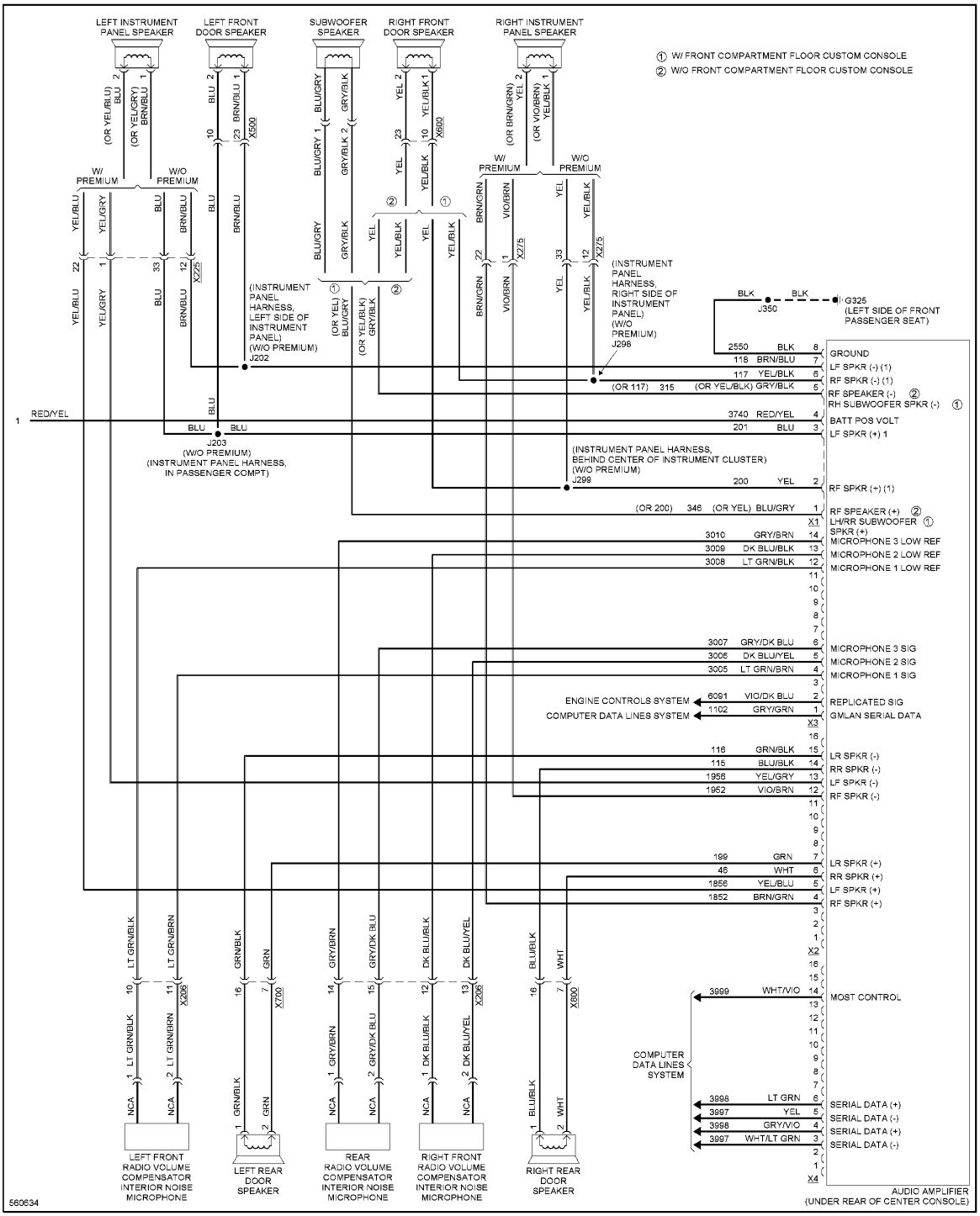

Fig. 94: Navigation Circuit, W/ Amplifier (4 of 4)

cardiagn.com

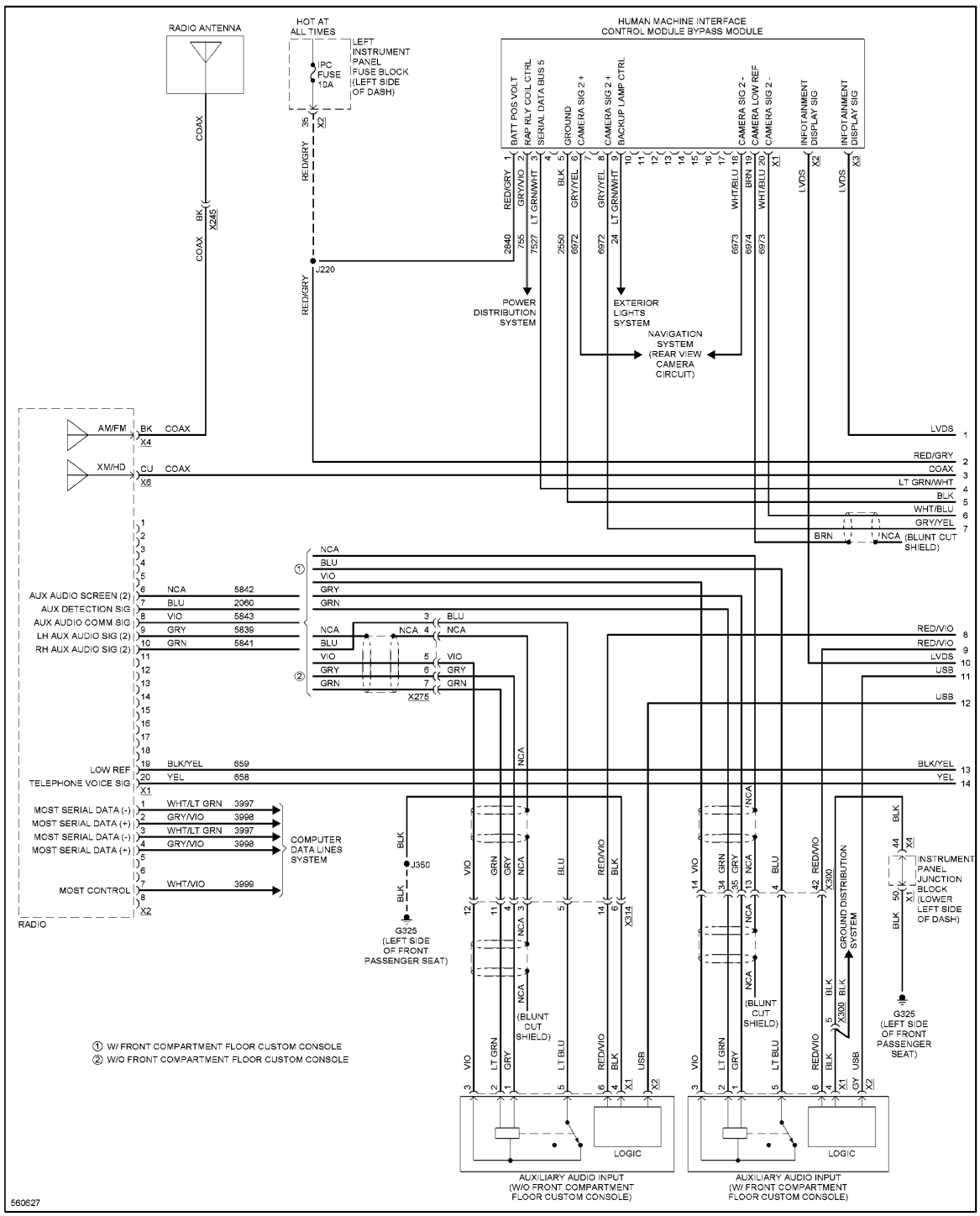

Fig. 95: Navigation Circuit, W/O Amplifier (1 of 4)

cardiagn.com

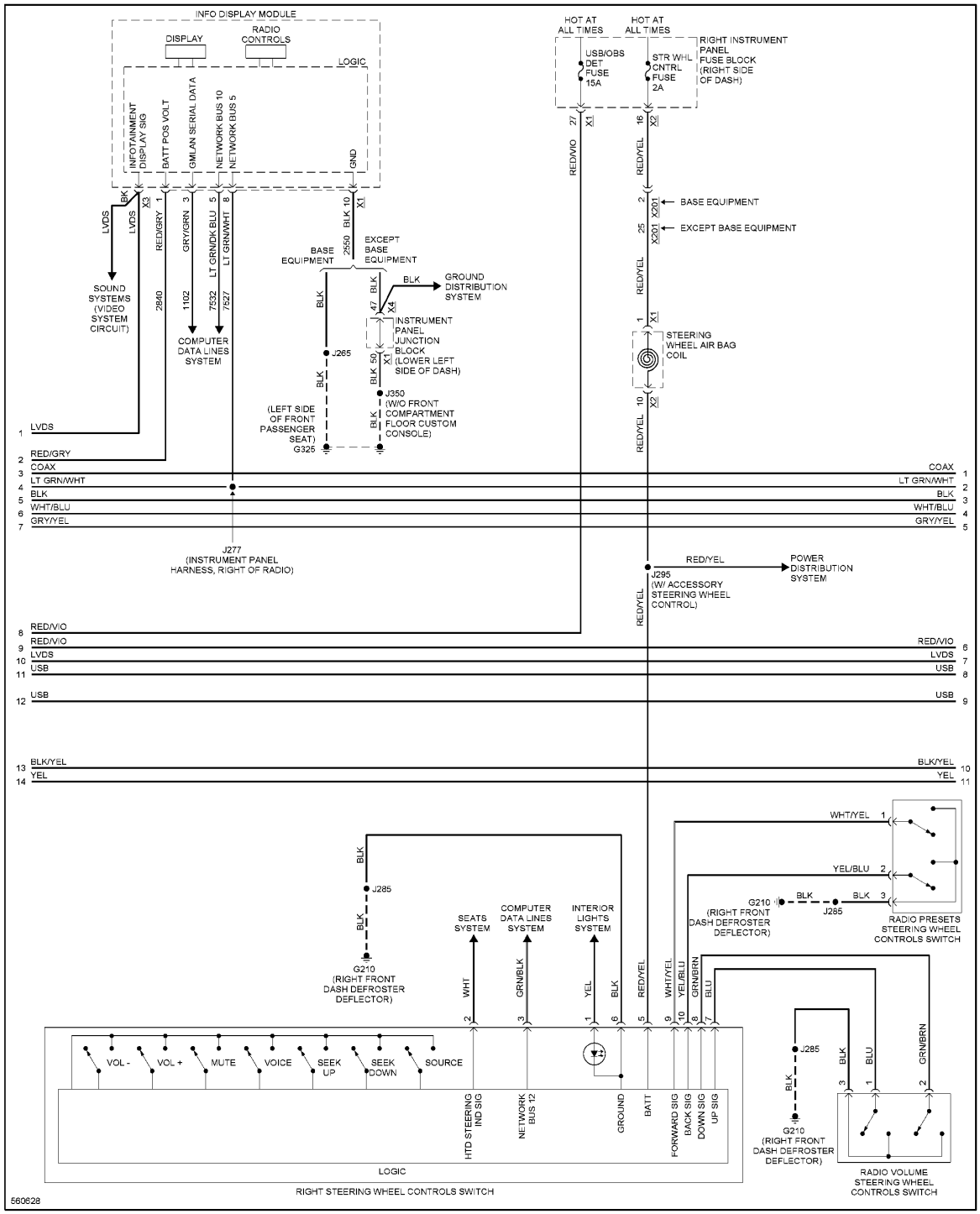

Fig. 96: Navigation Circuit, W/O Amplifier (2 of 4)

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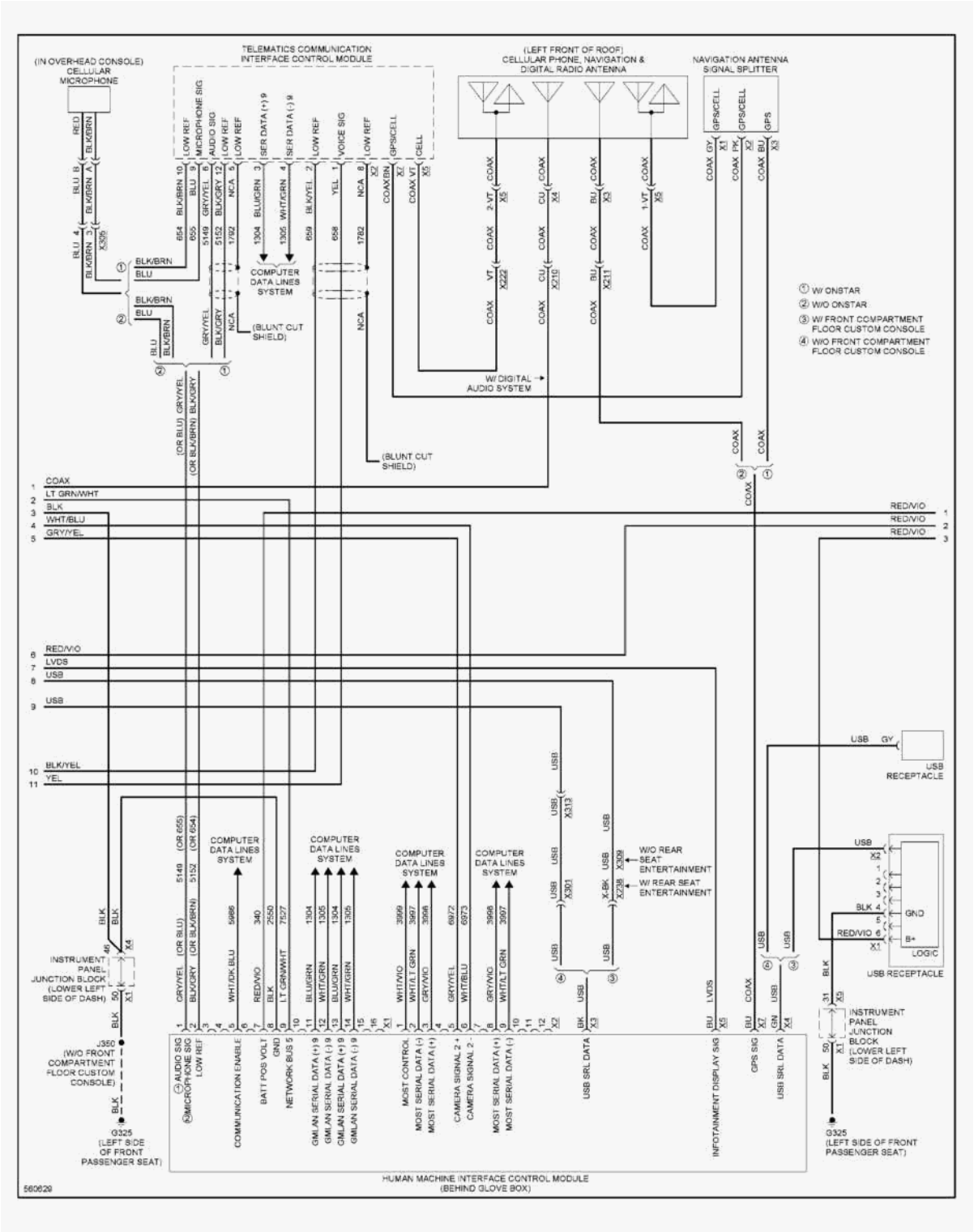

Fig. 97: Navigation Circuit, W/O Amplifier (3 of 4)

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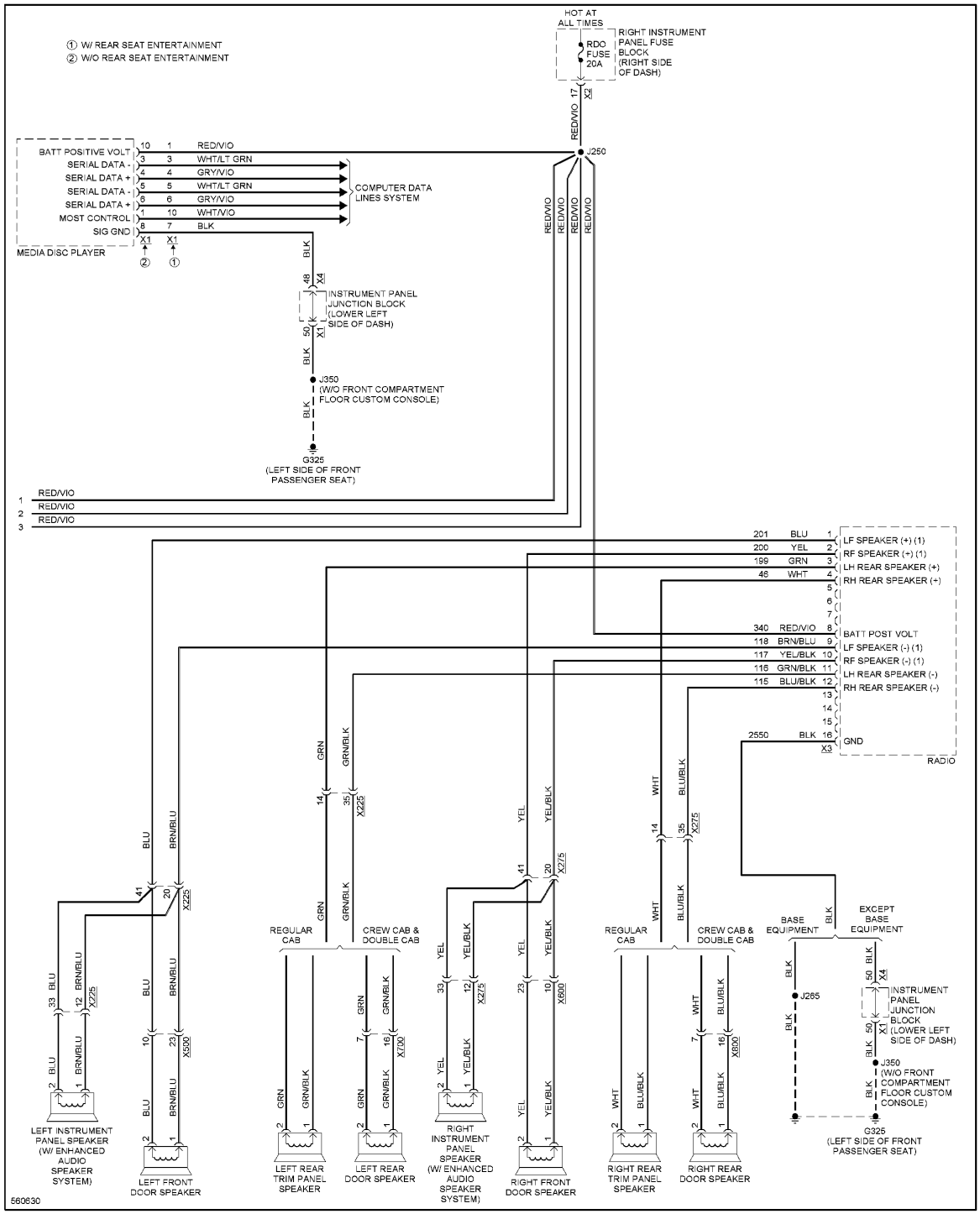

Fig. 98: Navigation Circuit, W/O Amplifier (4 of 4)

cardiagn.com

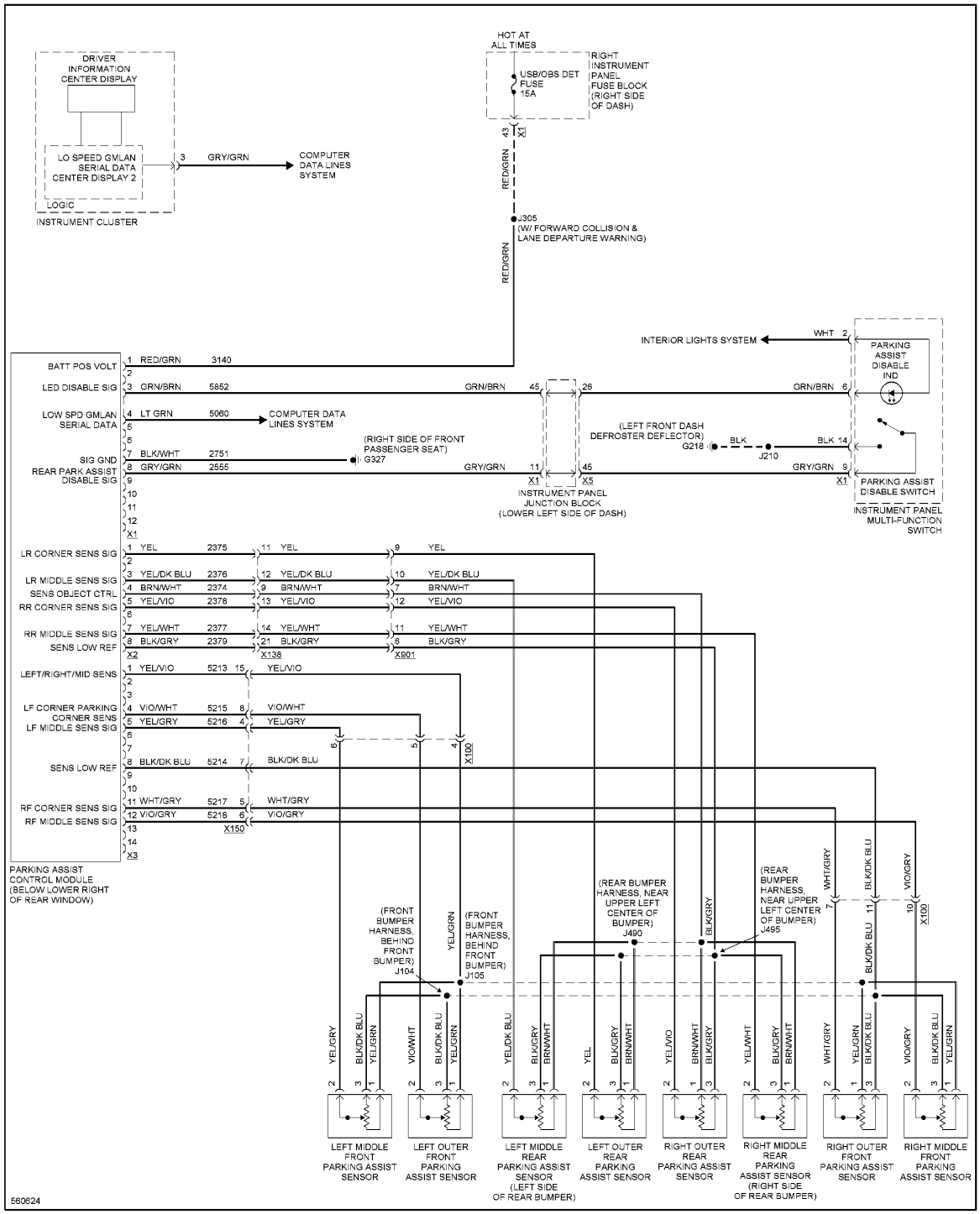

Fig. 99: Parking Assistant Circuit

cardiagn.com

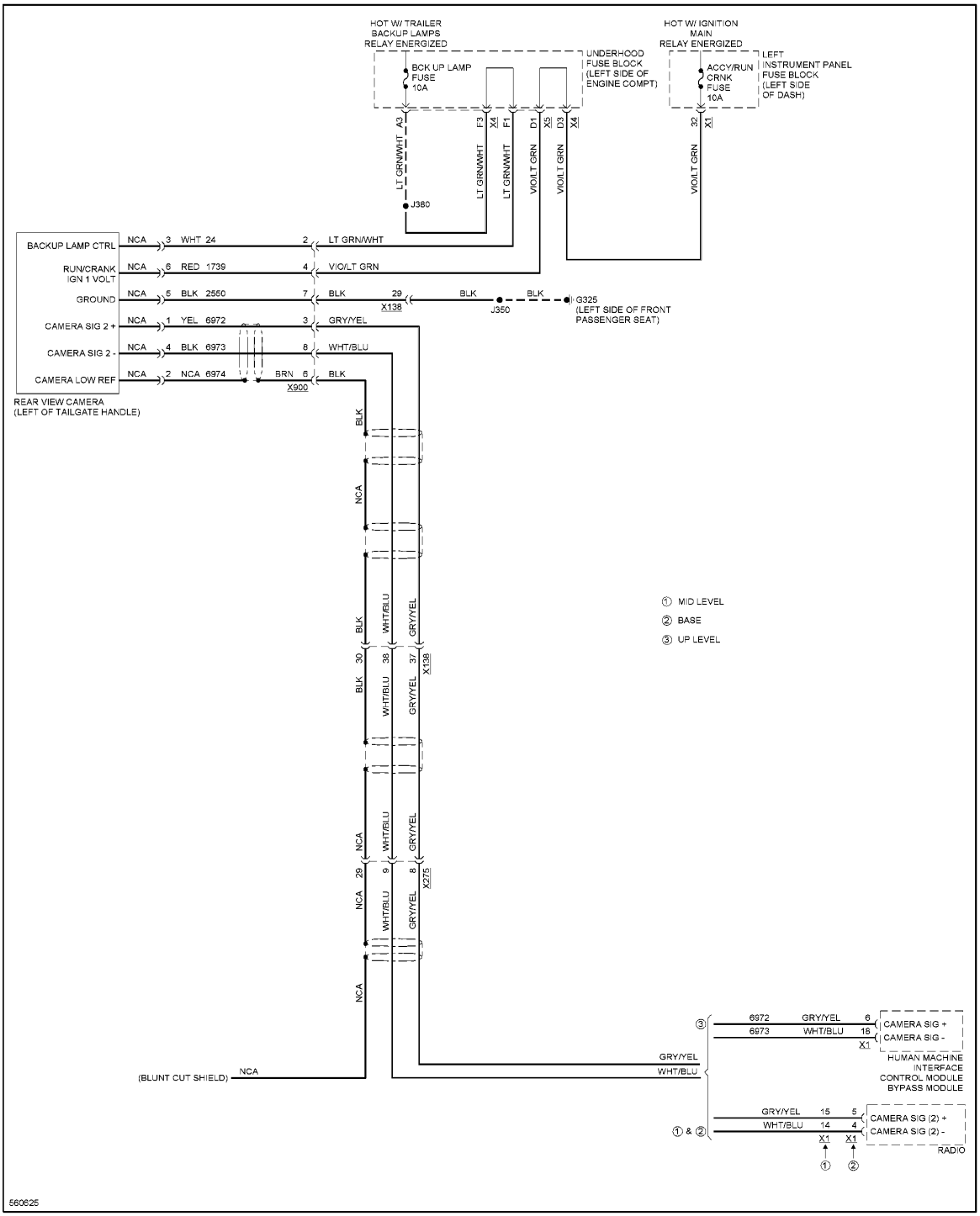

Fig. 100: Rear View Camera Circuit

POWER DISTRIBUTION

cardiagn.com

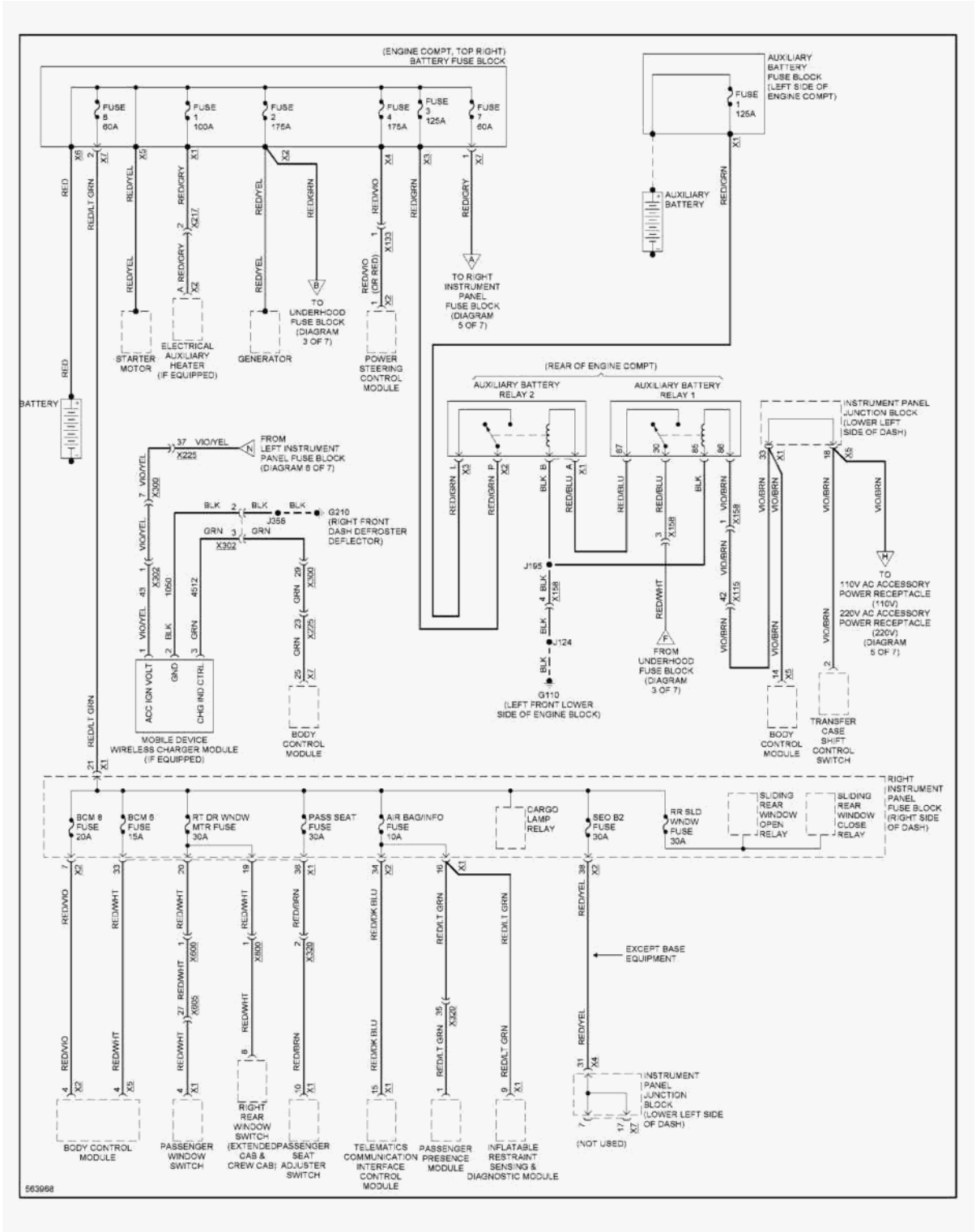

Fig. 101: Power Distribution Circuit (1 of 7)

cardiagn.com

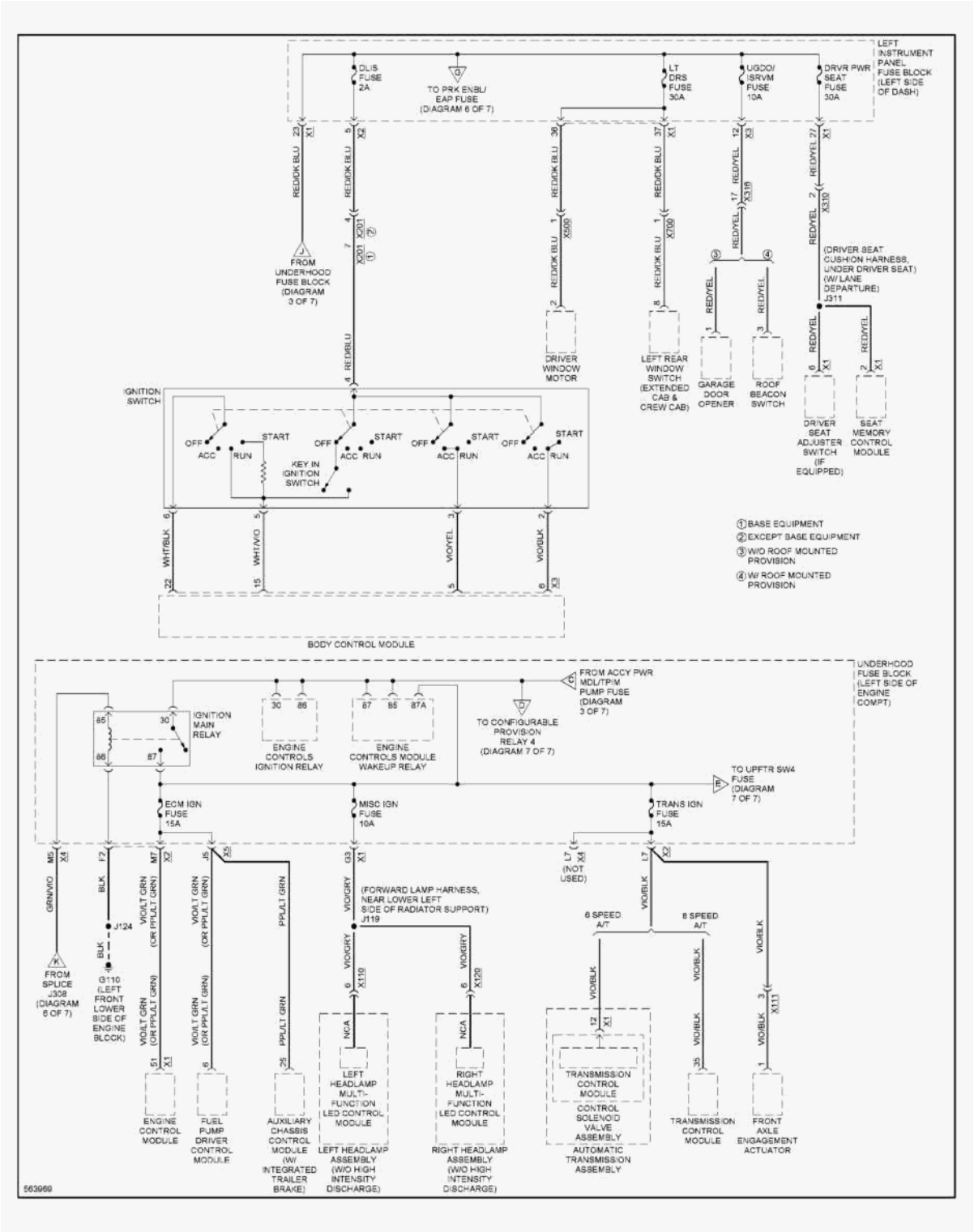

Fig. 102: Power Distribution Circuit (2 of 7)

cardiagn.com

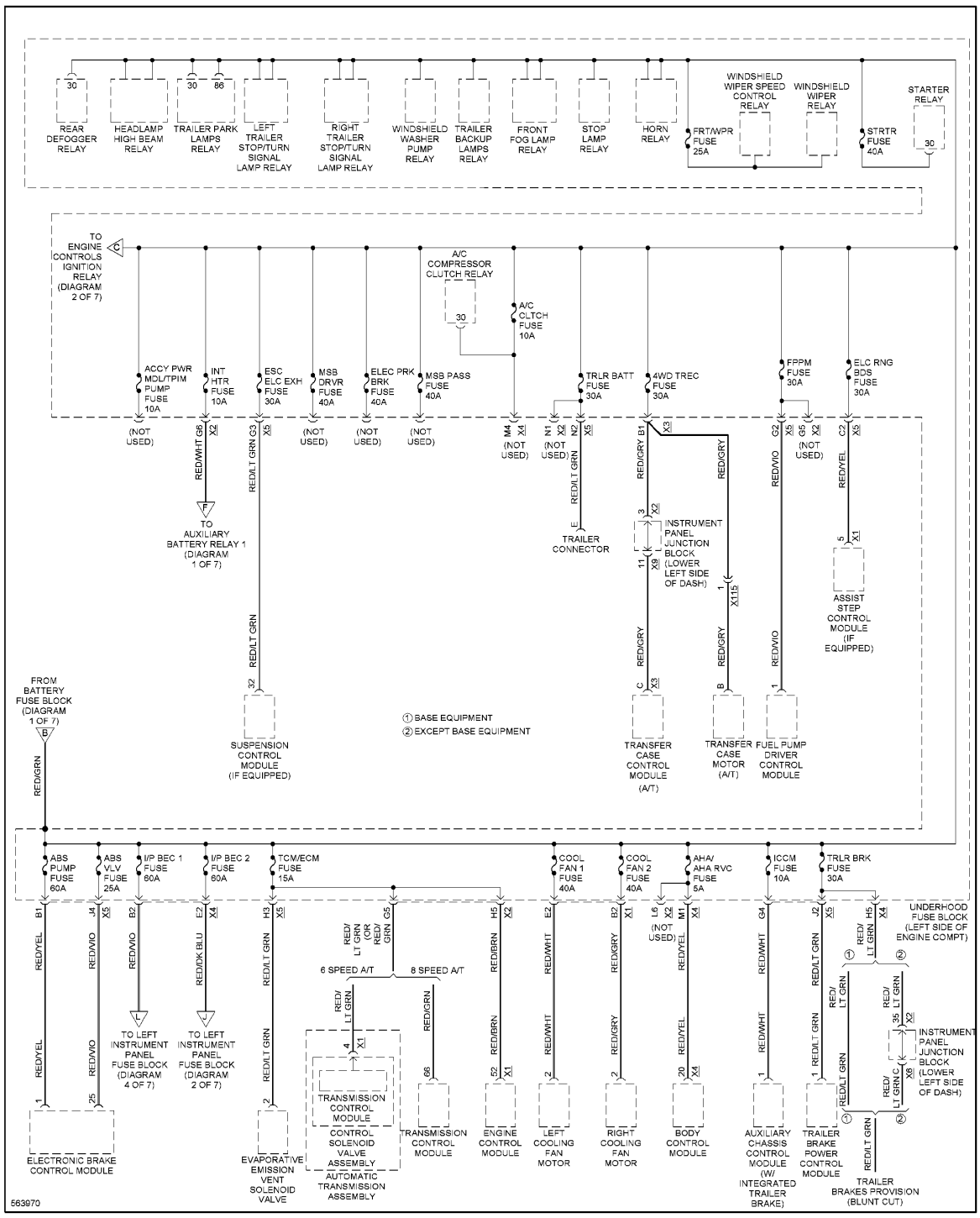

Fig. 103: Power Distribution Circuit (3 of 7)

cardiagn.com

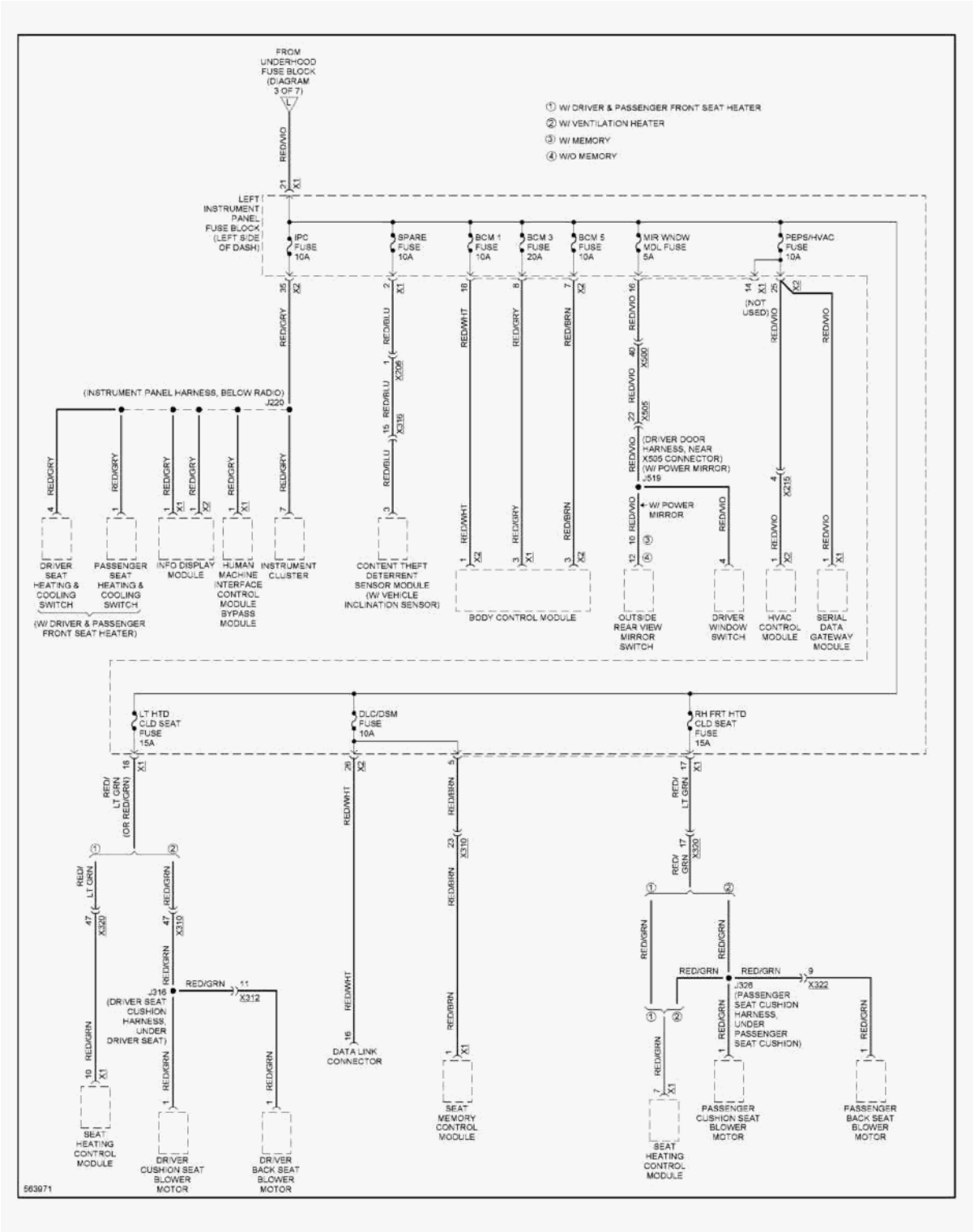

Fig. 104: Power Distribution Circuit (4 of 7)

cardiagn.com

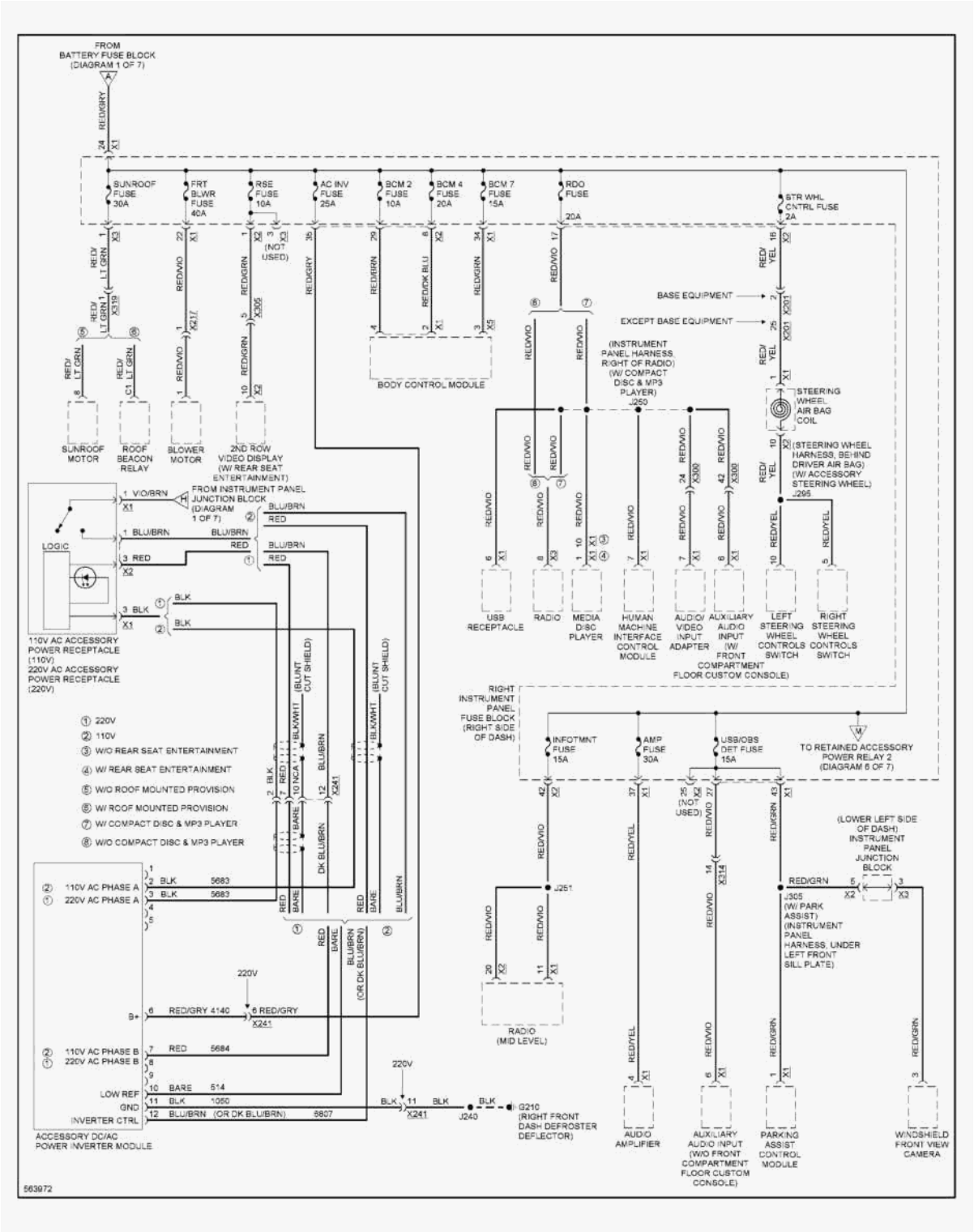

Fig. 105: Power Distribution Circuit (5 of 7)

cardiagn.com

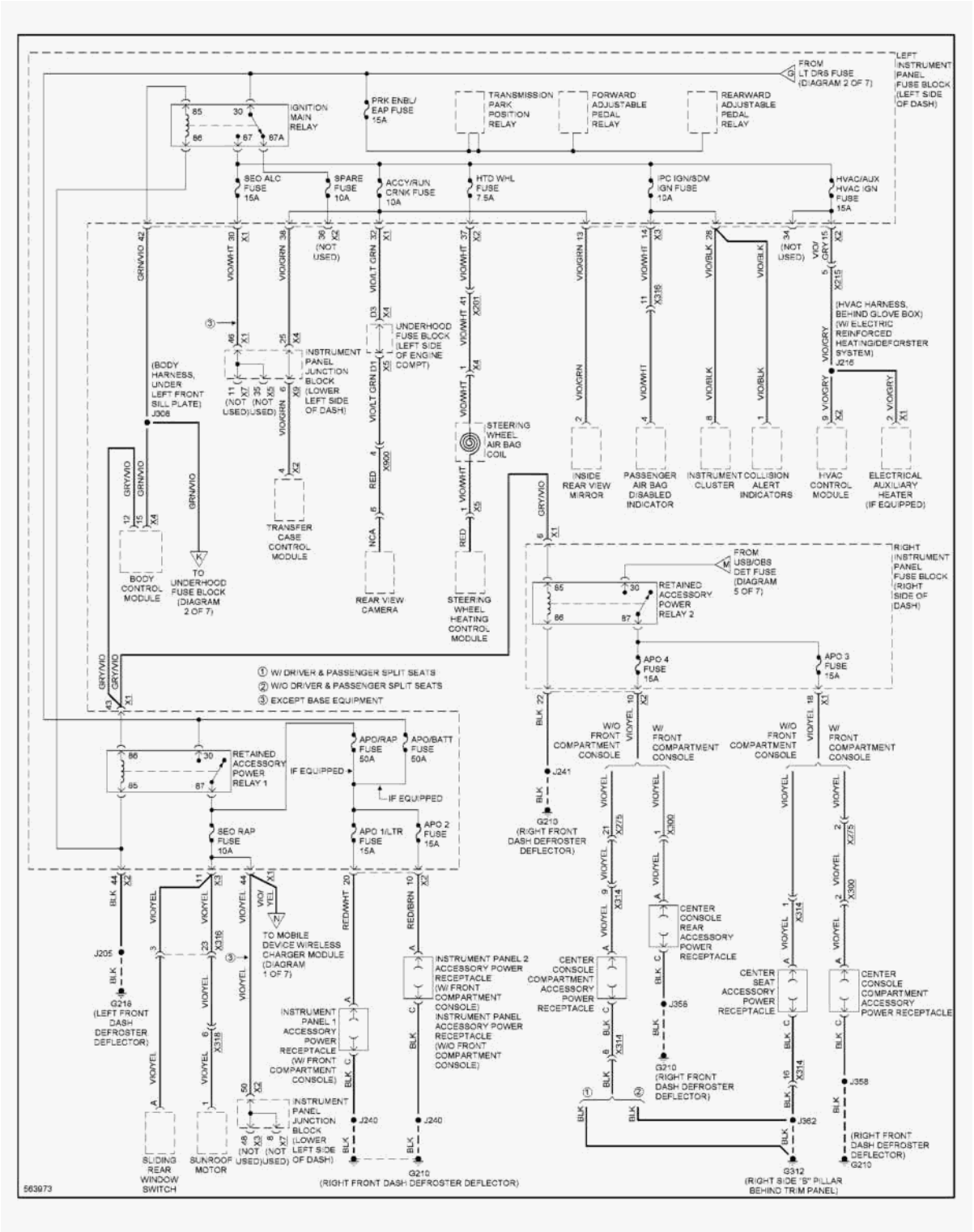

Fig. 106: Power Distribution Circuit (6 of 7)

cardiagn.com

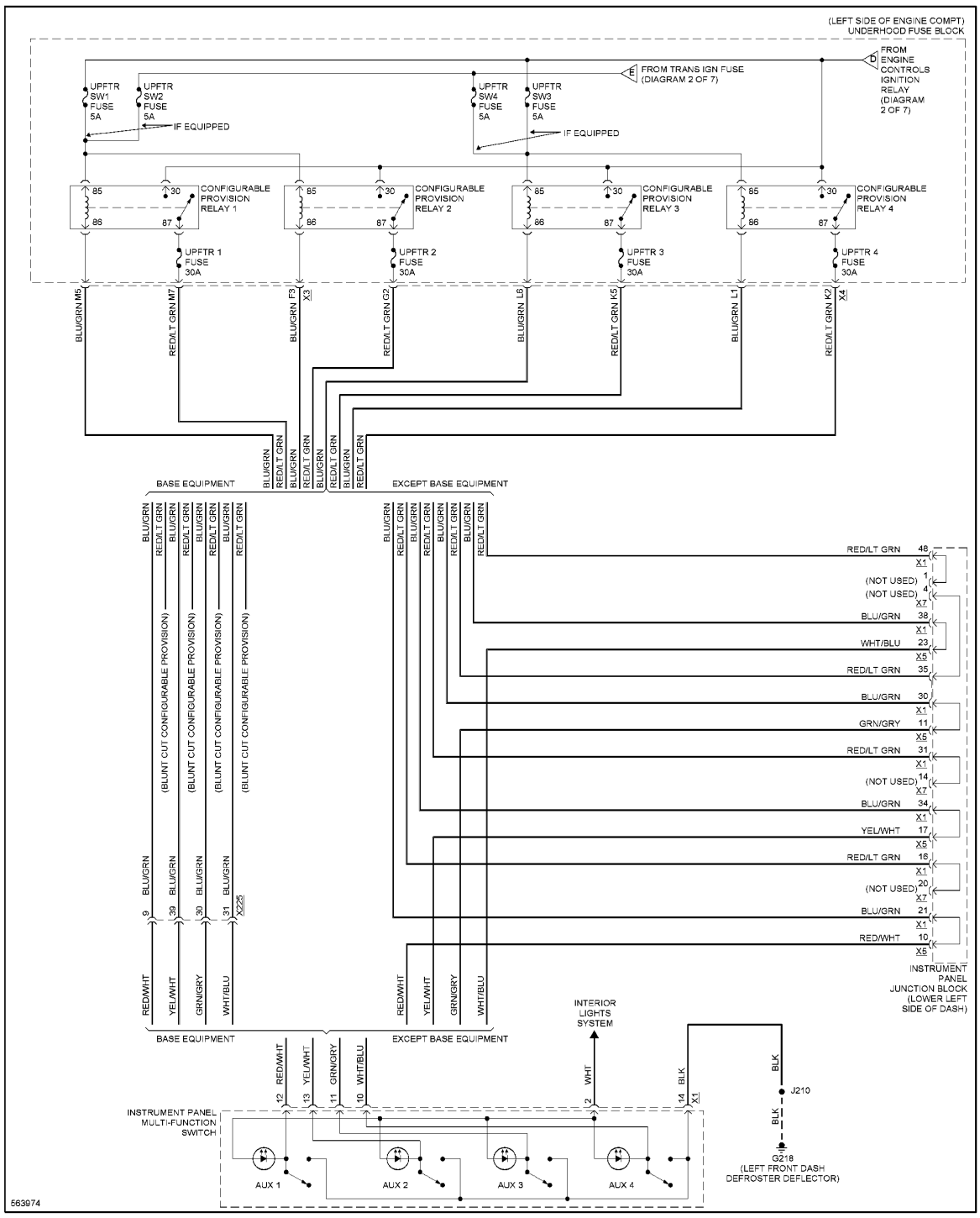

Fig. 107: Power Distribution Circuit (7 of 7)

POWER DOOR LOCKS

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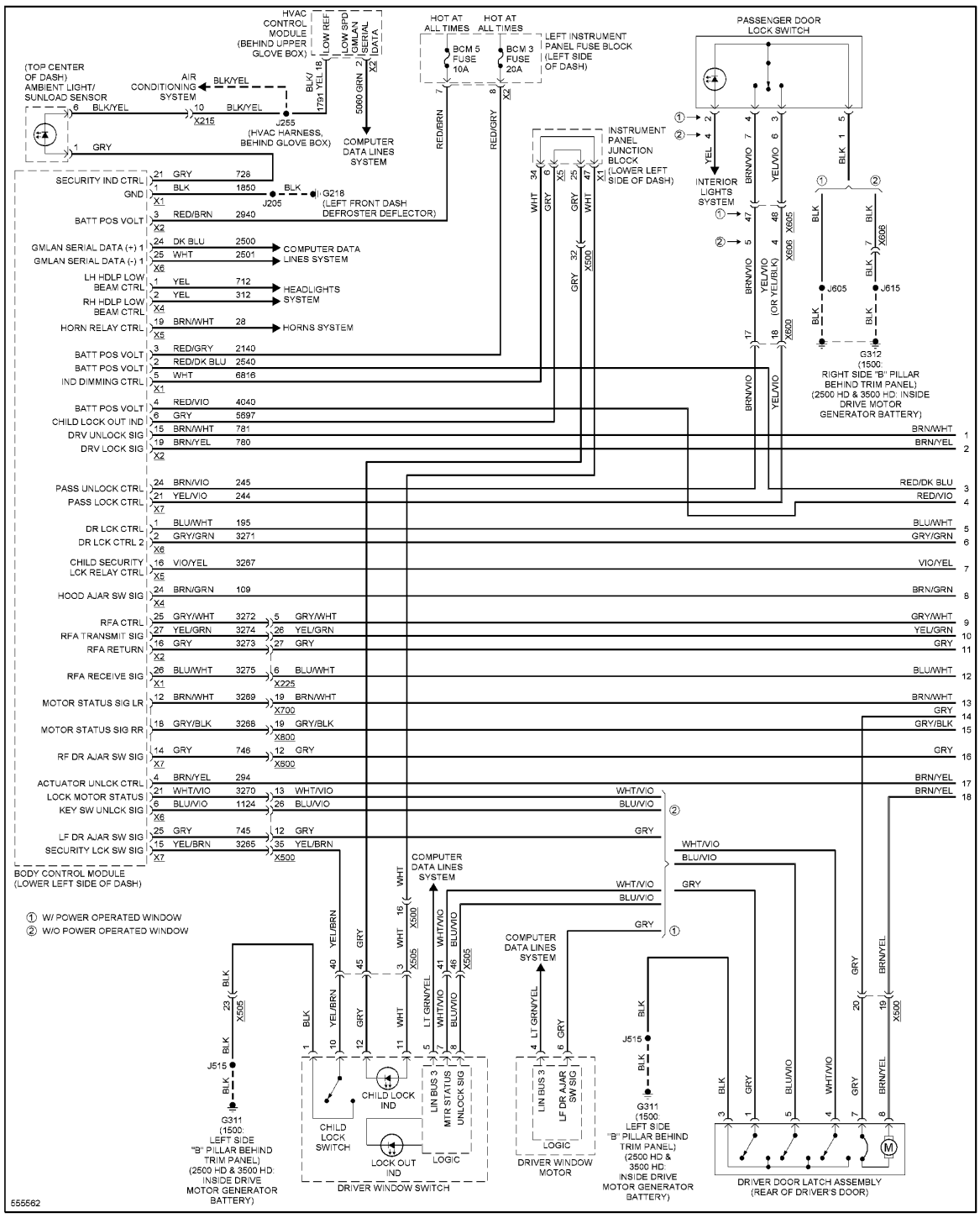

Fig. 108: Power Door Locks Circuit (1 of 3)

cardiagn.com

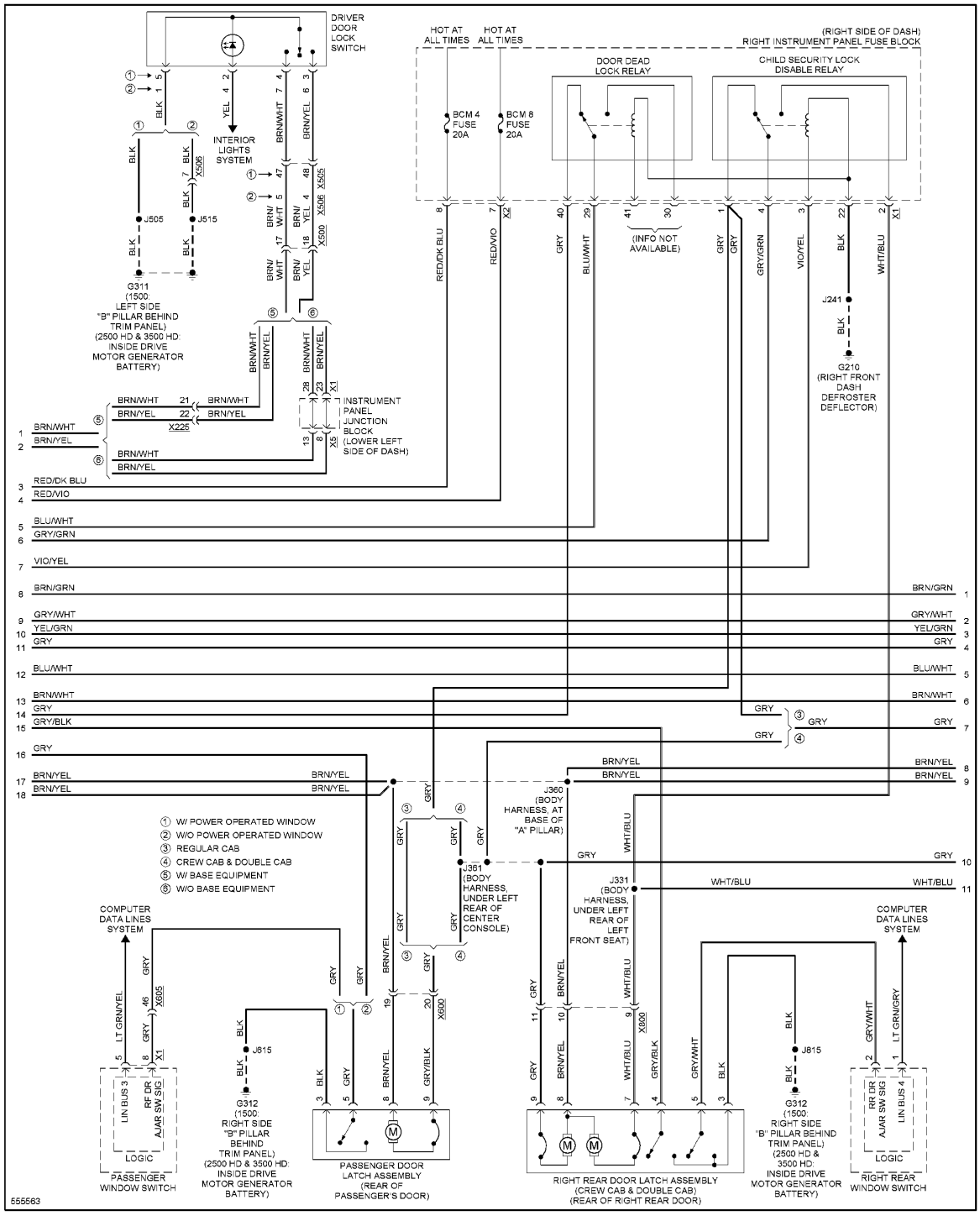

Fig. 109: Power Door Locks Circuit (2 of 3)

cardiagn.com

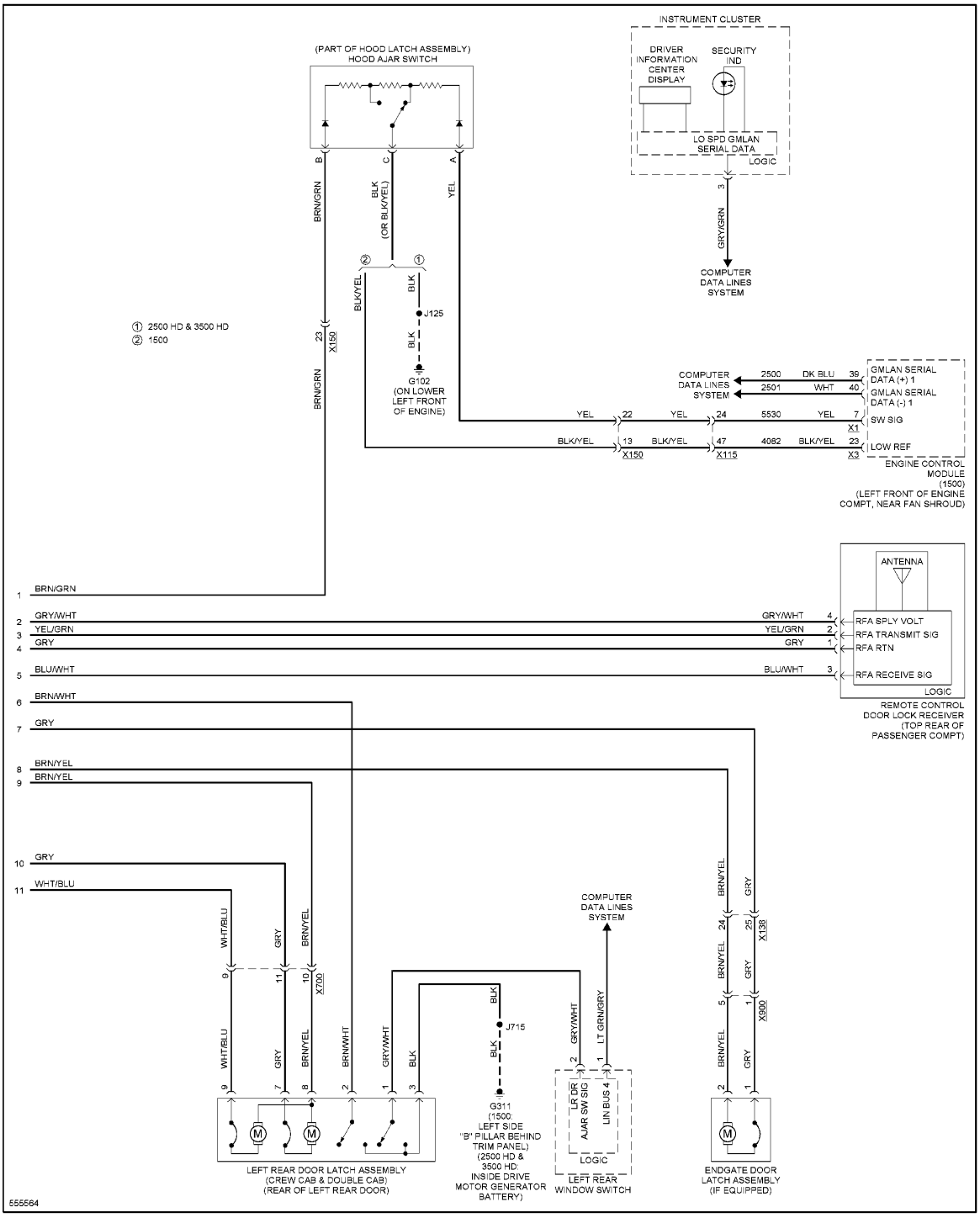

Fig. 110: Power Door Locks Circuit (3 of 3)

POWER MIRRORS

cardiagn.com

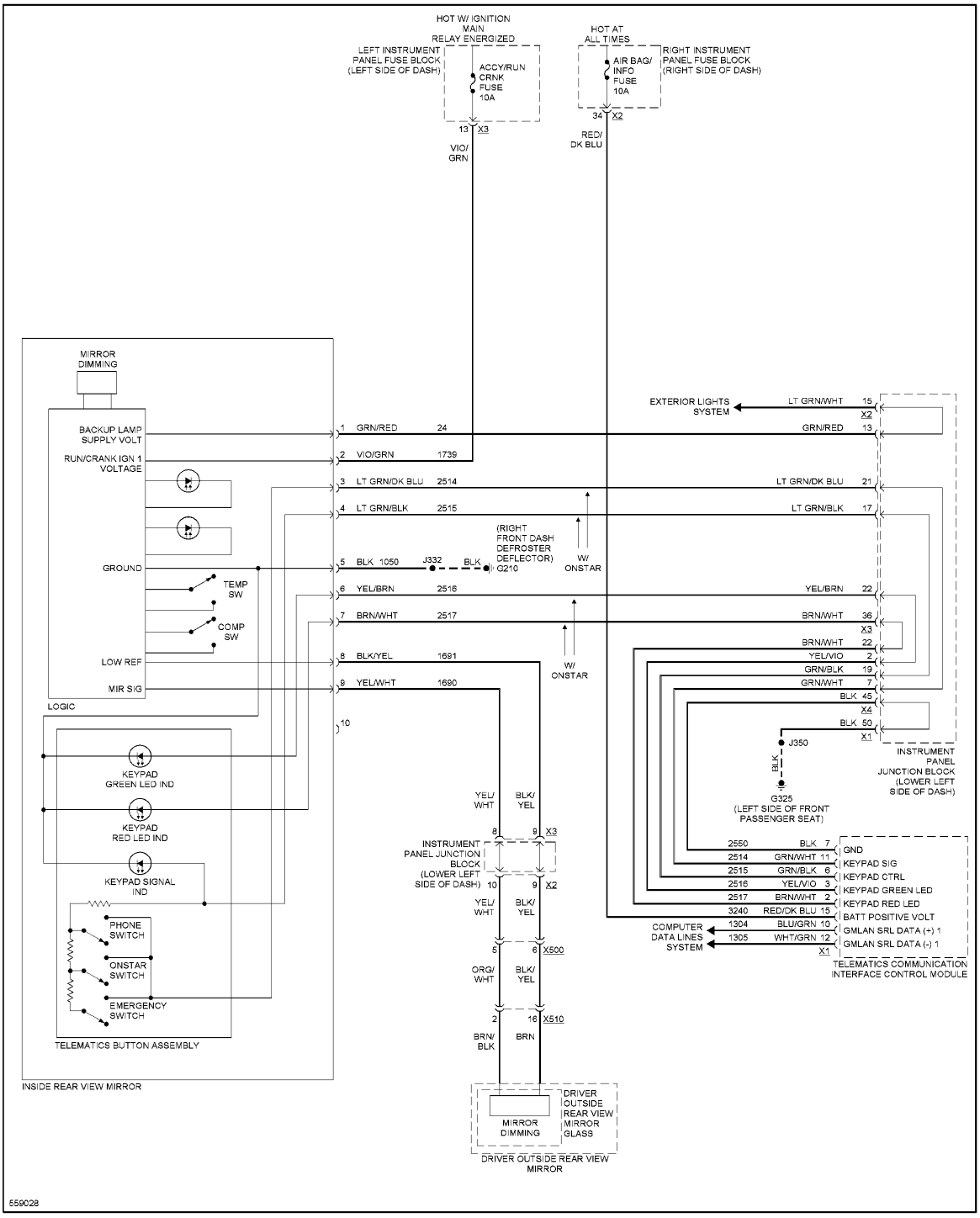

Fig. 111: Electrochromic Mirror Circuit

cardiagn.com

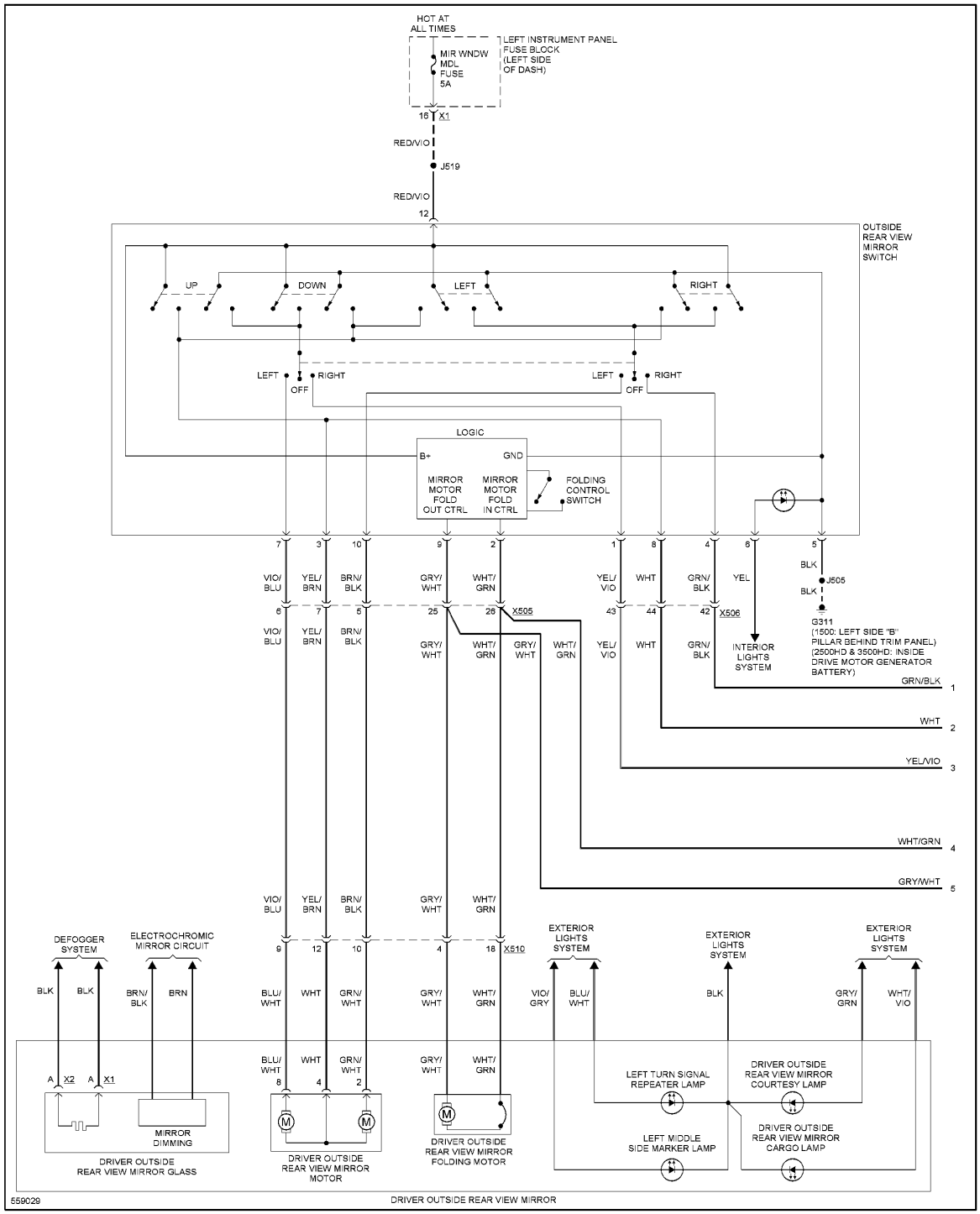

Fig. 112: Power Mirrors Circuit (1 of 2)

cardiagn.com

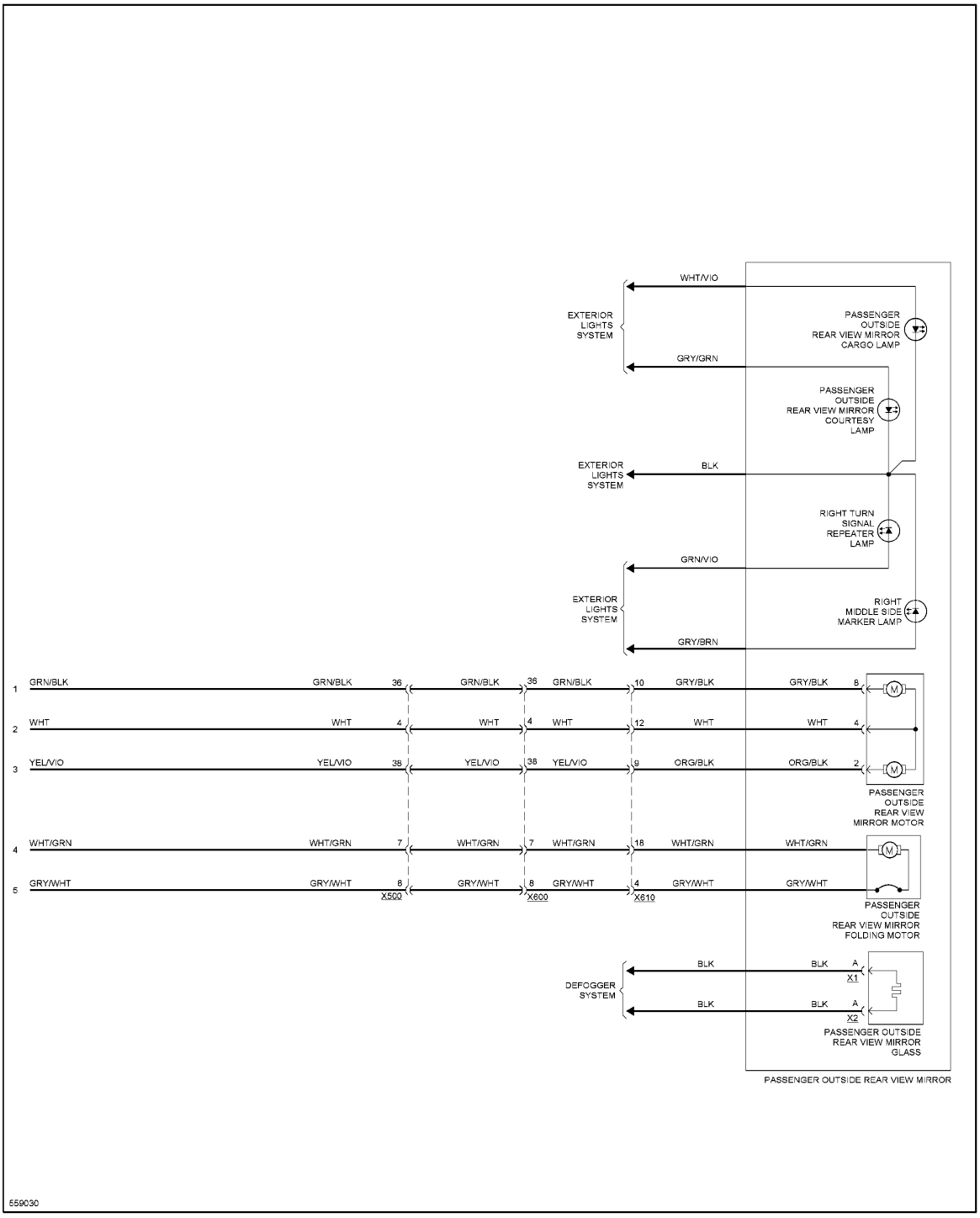

Fig. 113: Power Mirrors Circuit (2 of 2)

POWER SEATS

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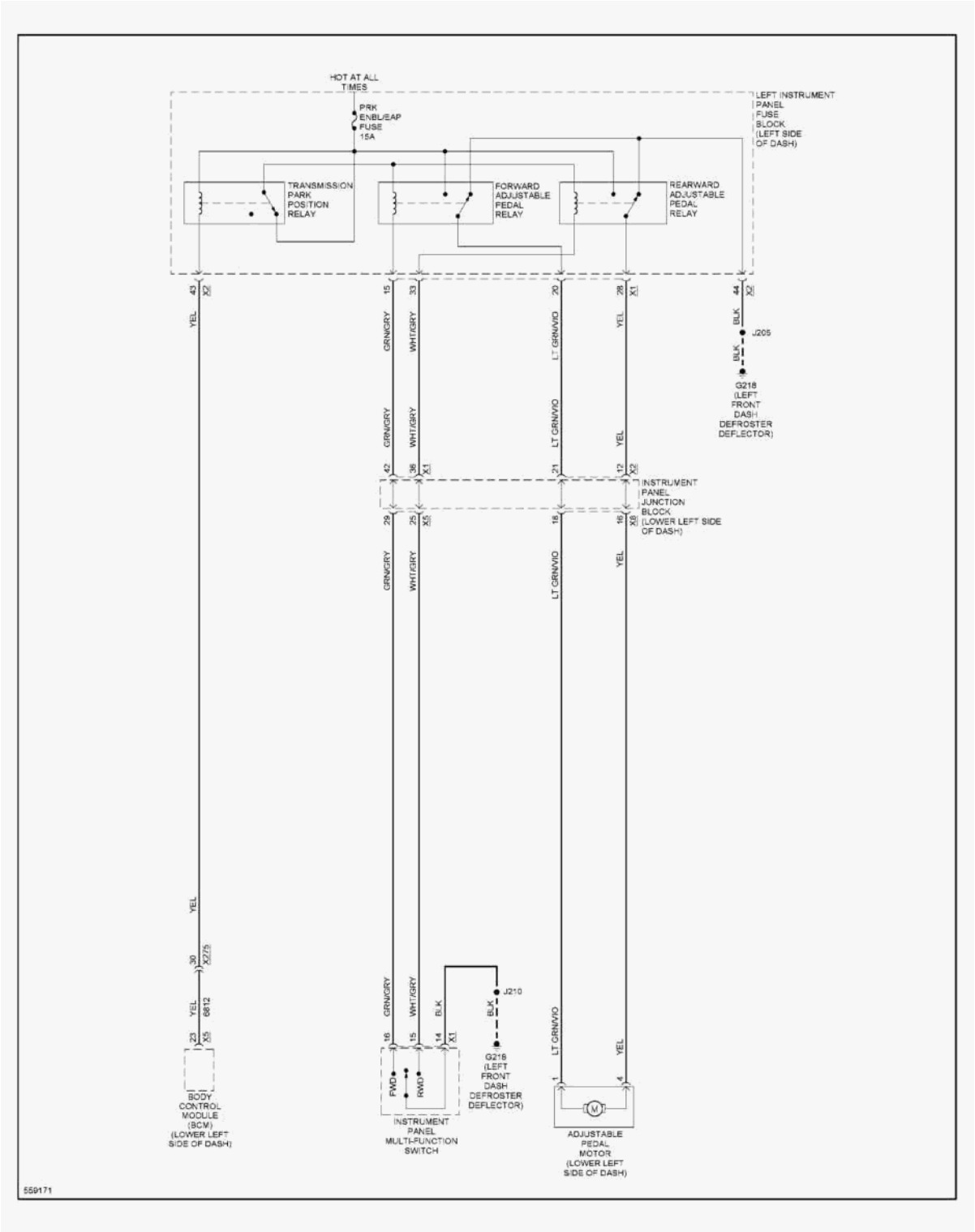

Fig. 114: Adjustable Pedal Circuit

cardiagn.com

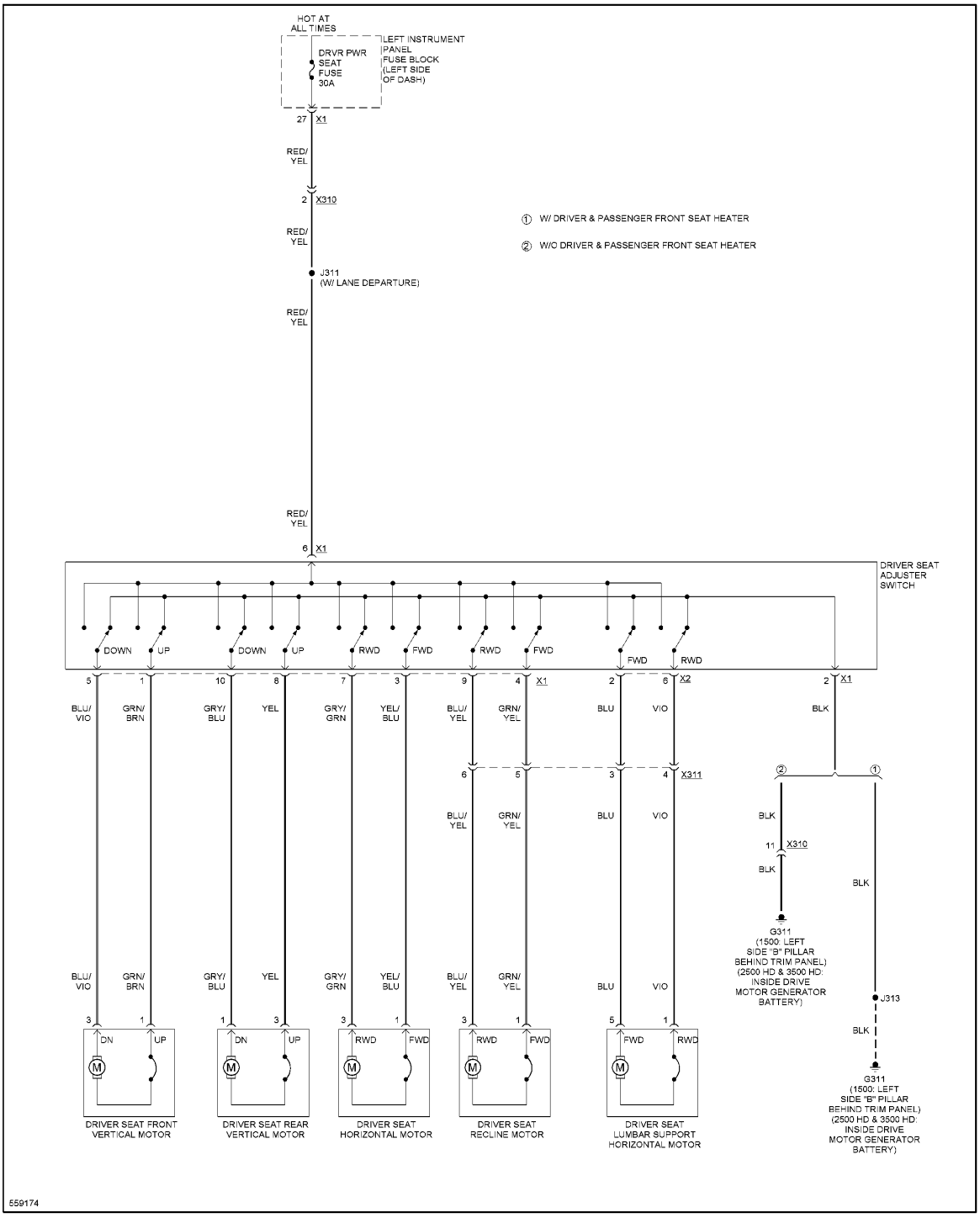

Fig. 115: Driver Power Seat Circuit

cardiagn.com

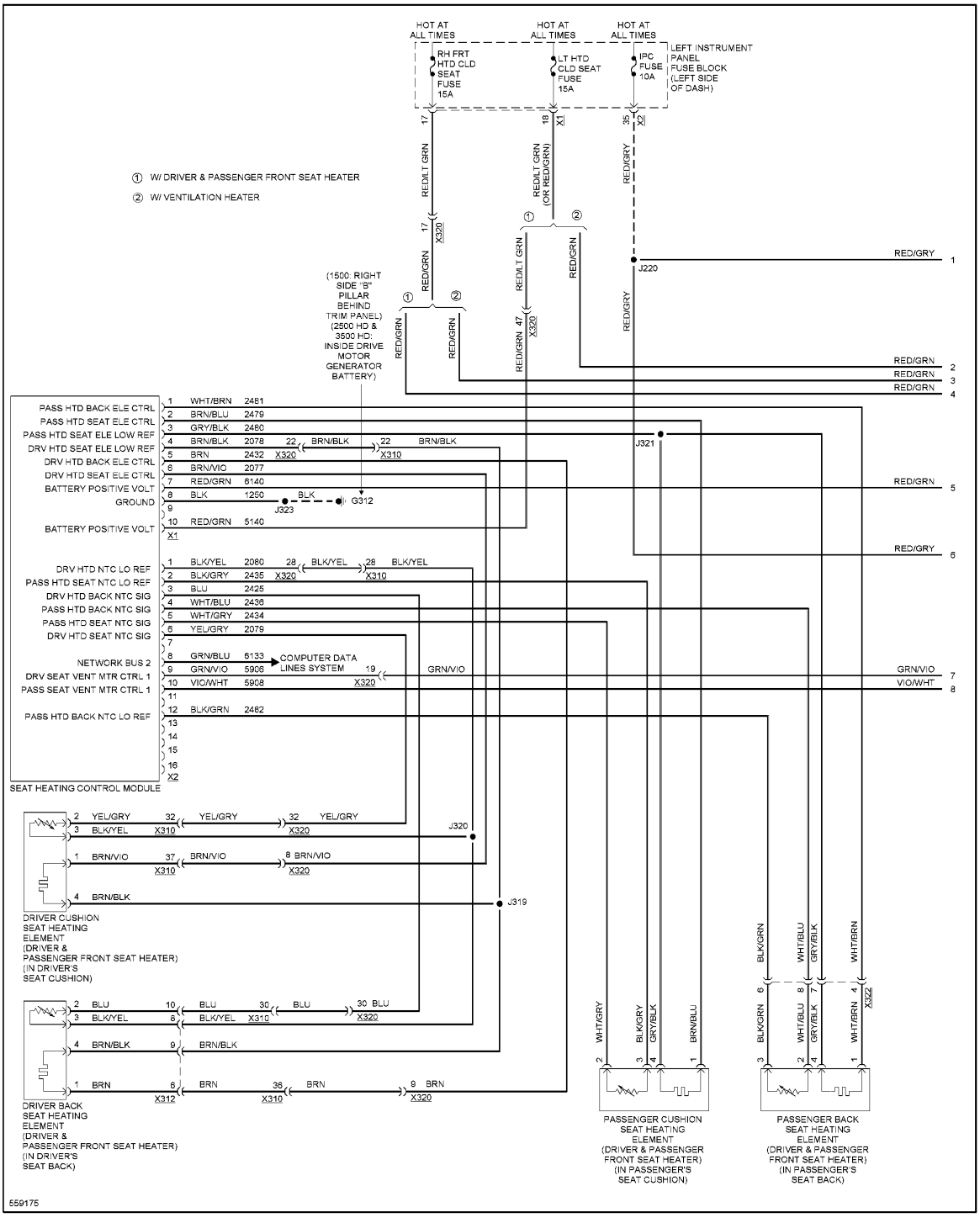

Fig. 116: Heated Seats Circuit (1 of 2)

cardiagn.com

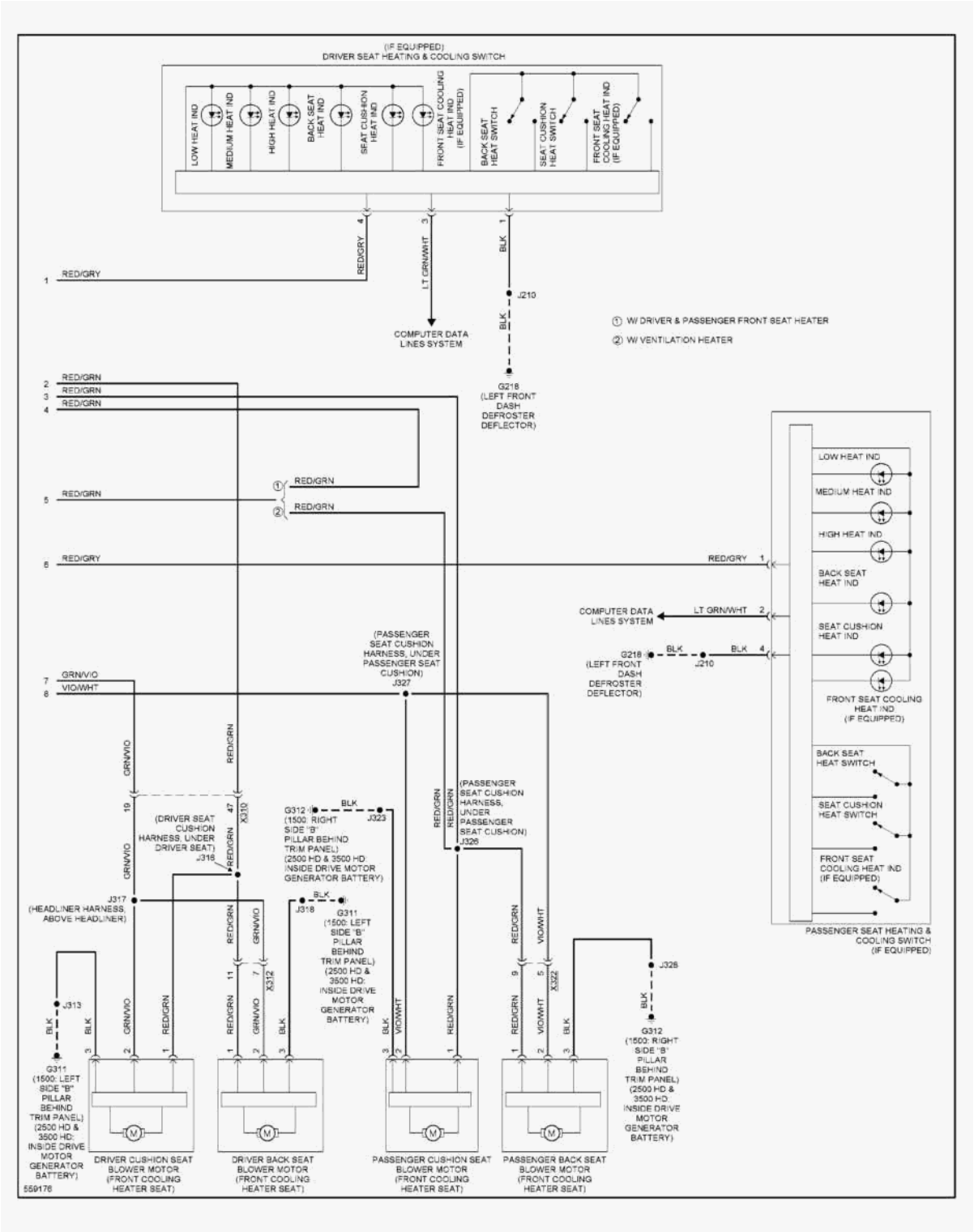

Fig. 117: Heated Seats Circuit (2 of 2)

cardiagn.com

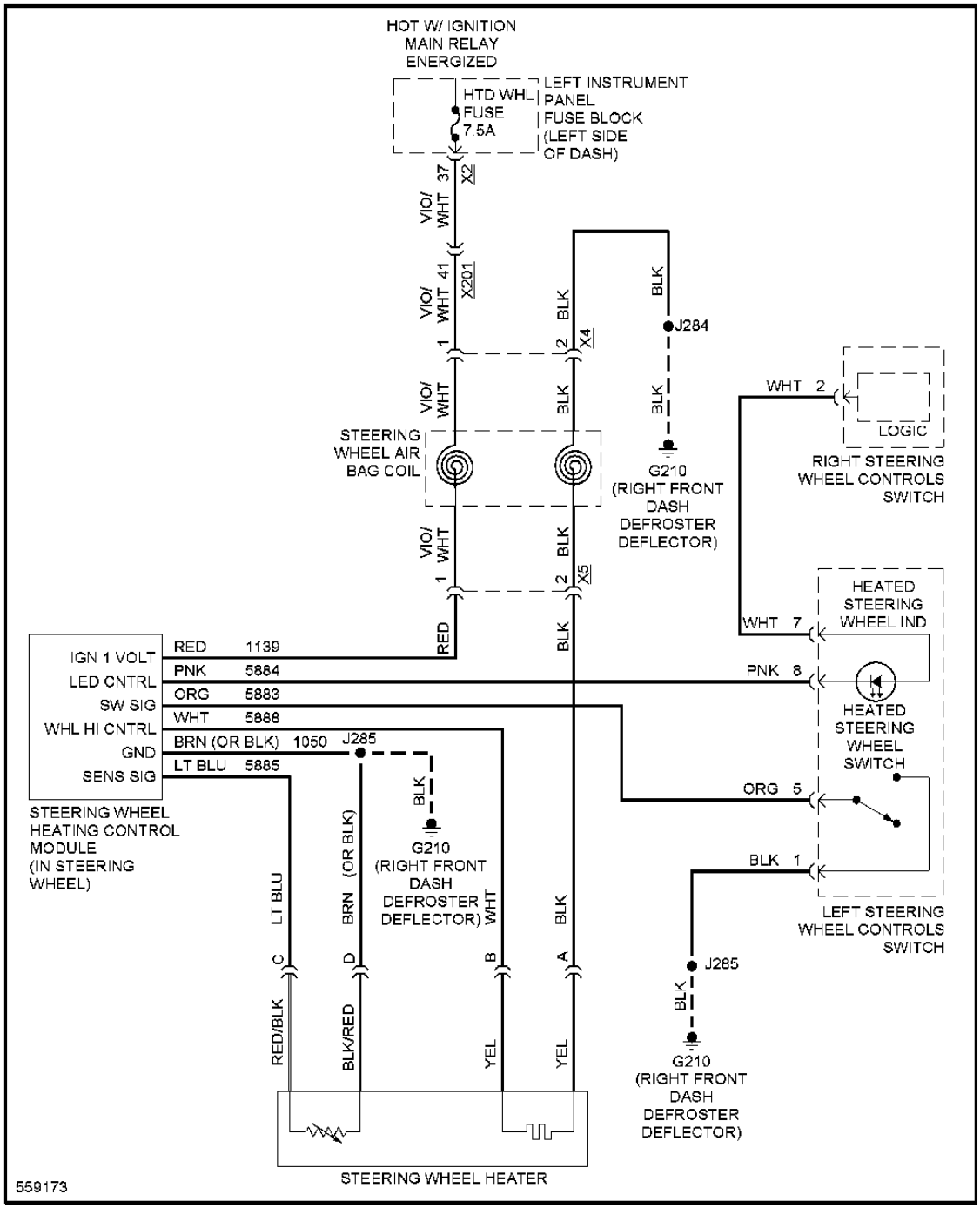

Fig. 118: Heated Steering Wheel Circuit

cardiagn.com

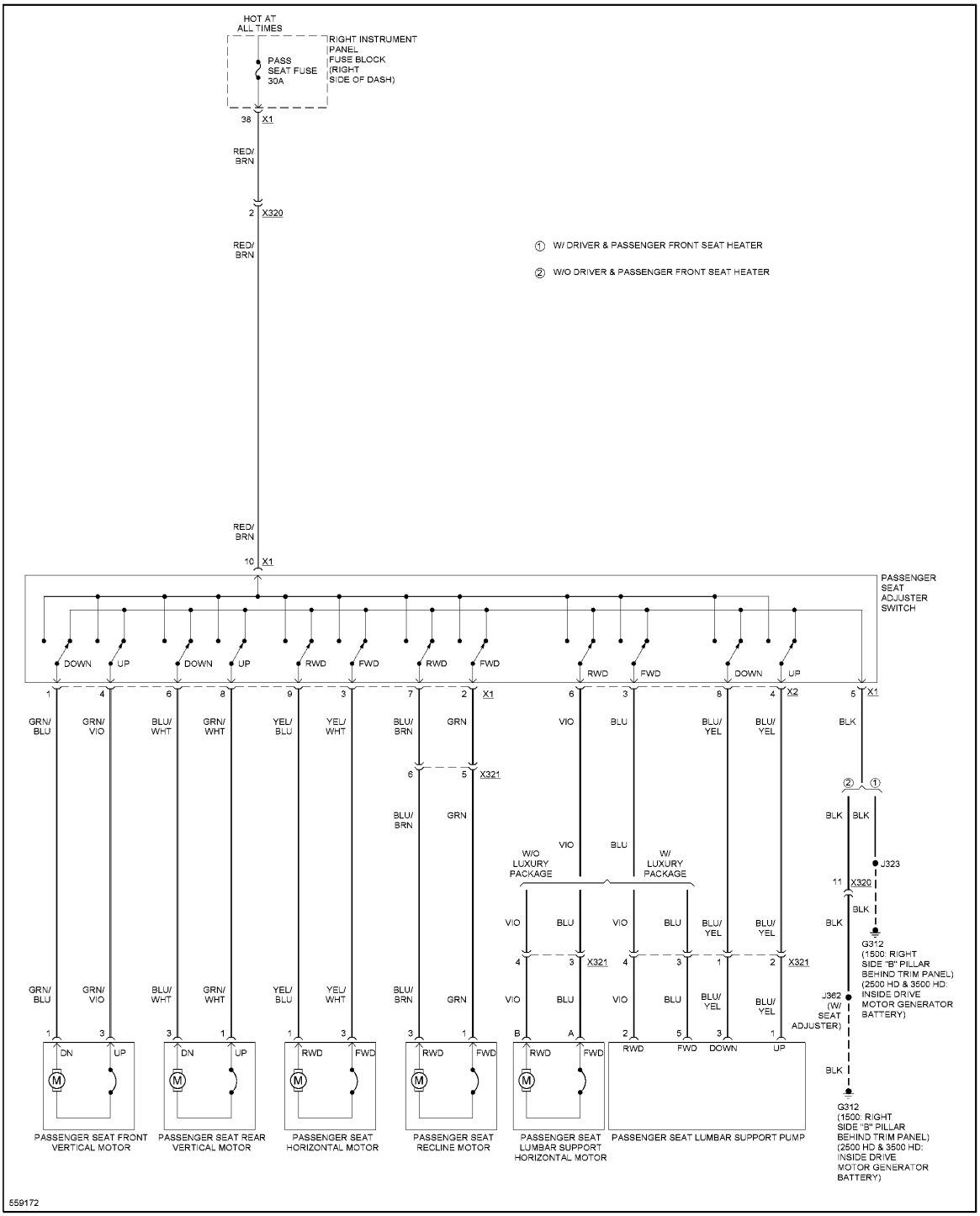

Fig. 119: Passenger Power Seat Circuit

POWER TOP/SUNROOF

cardiagn.com

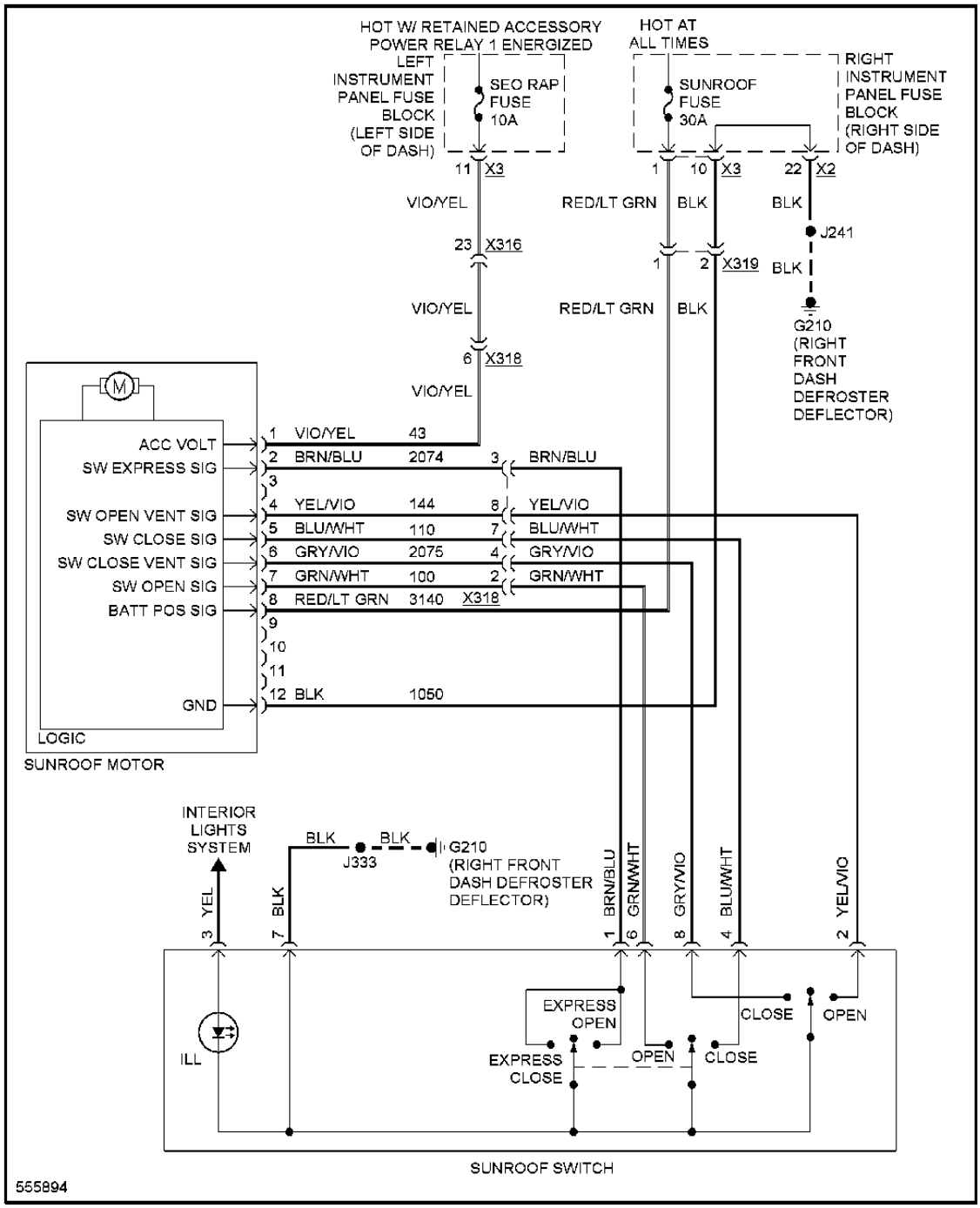

Fig. 120: Power Top/Sunroof Circuit

POWER WINDOWS

cardiagn.com

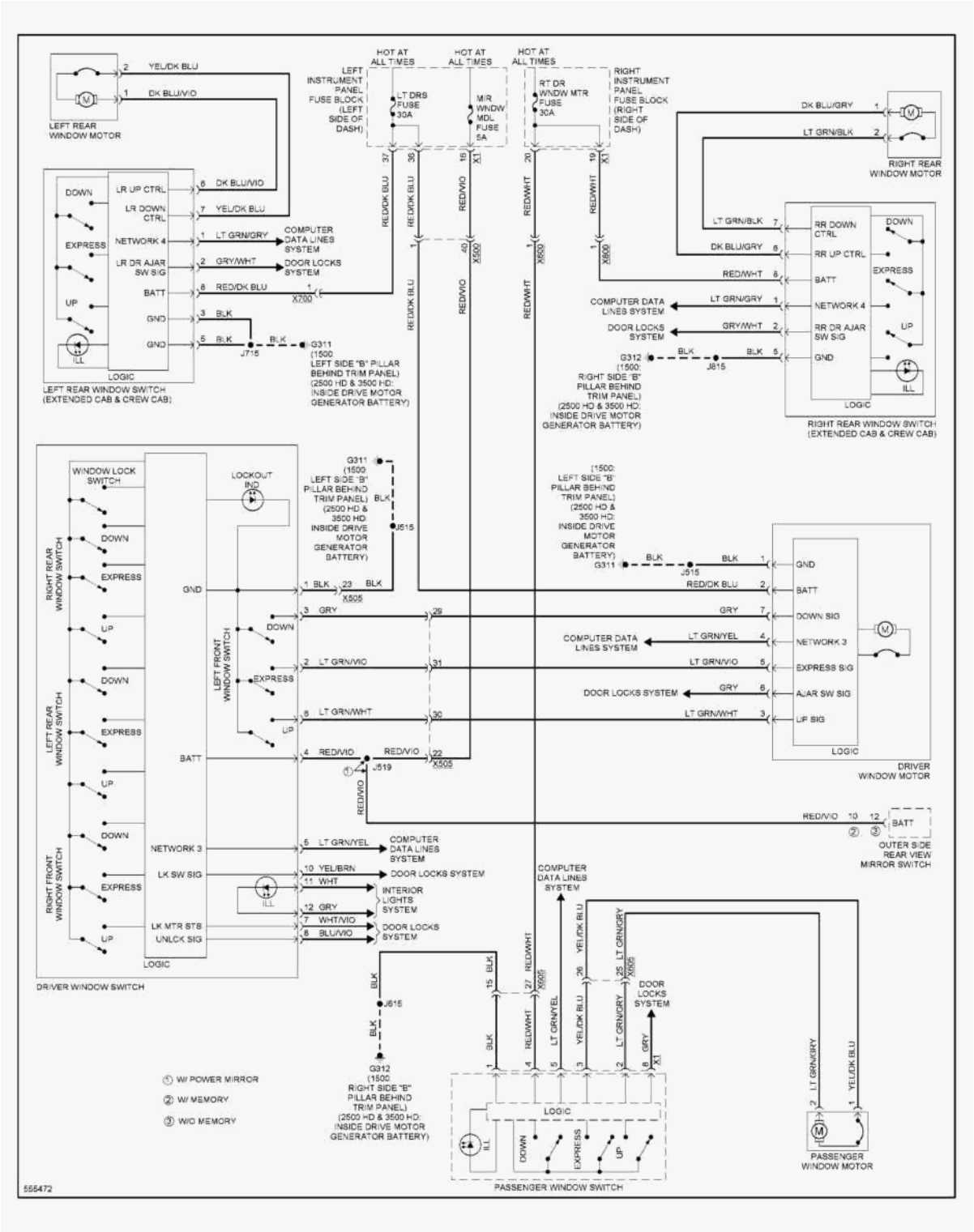

Fig. 121: Power Windows Circuit

cardiagn.com

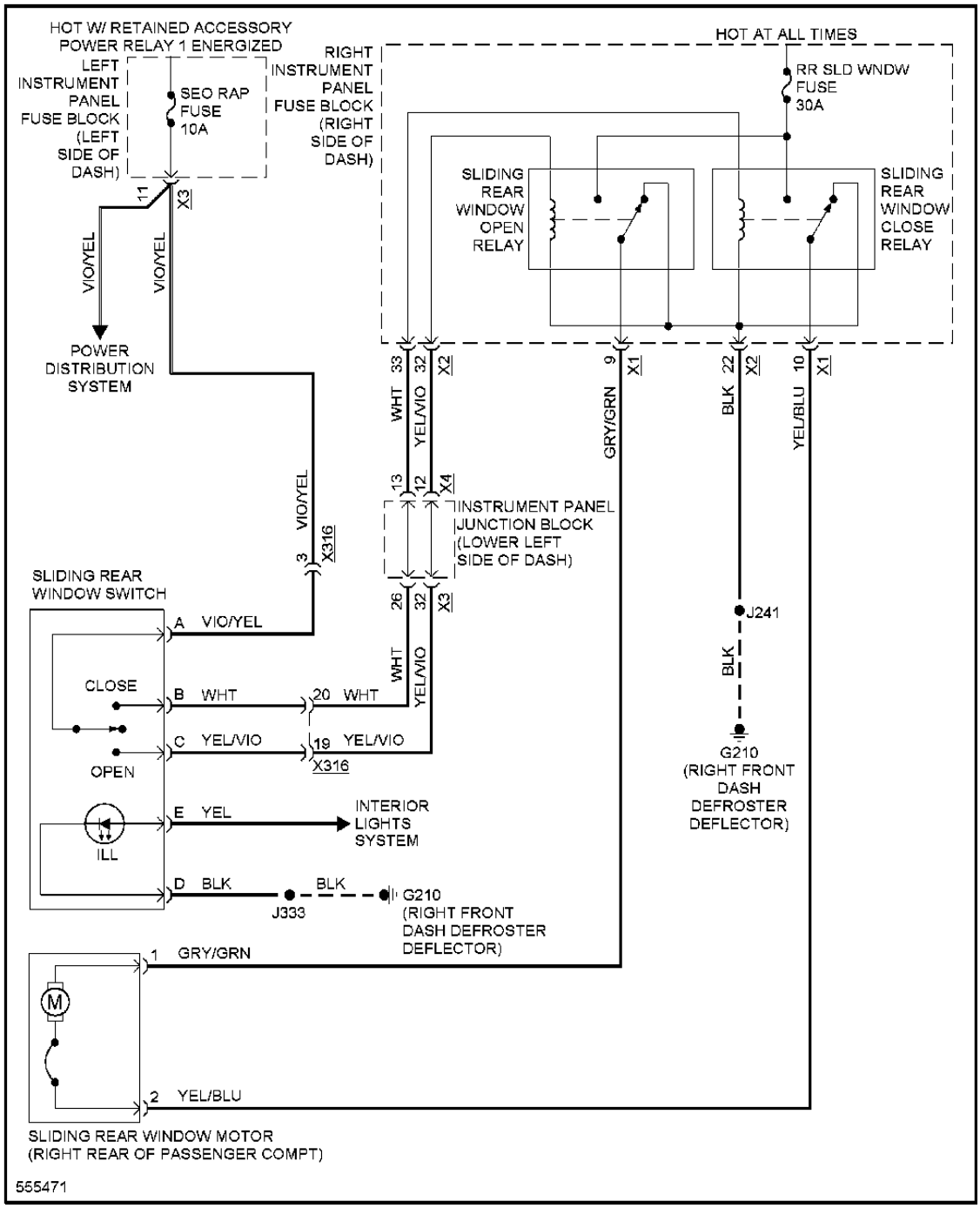

Fig. 122: Sliding Rear Window Circuit

RADIO

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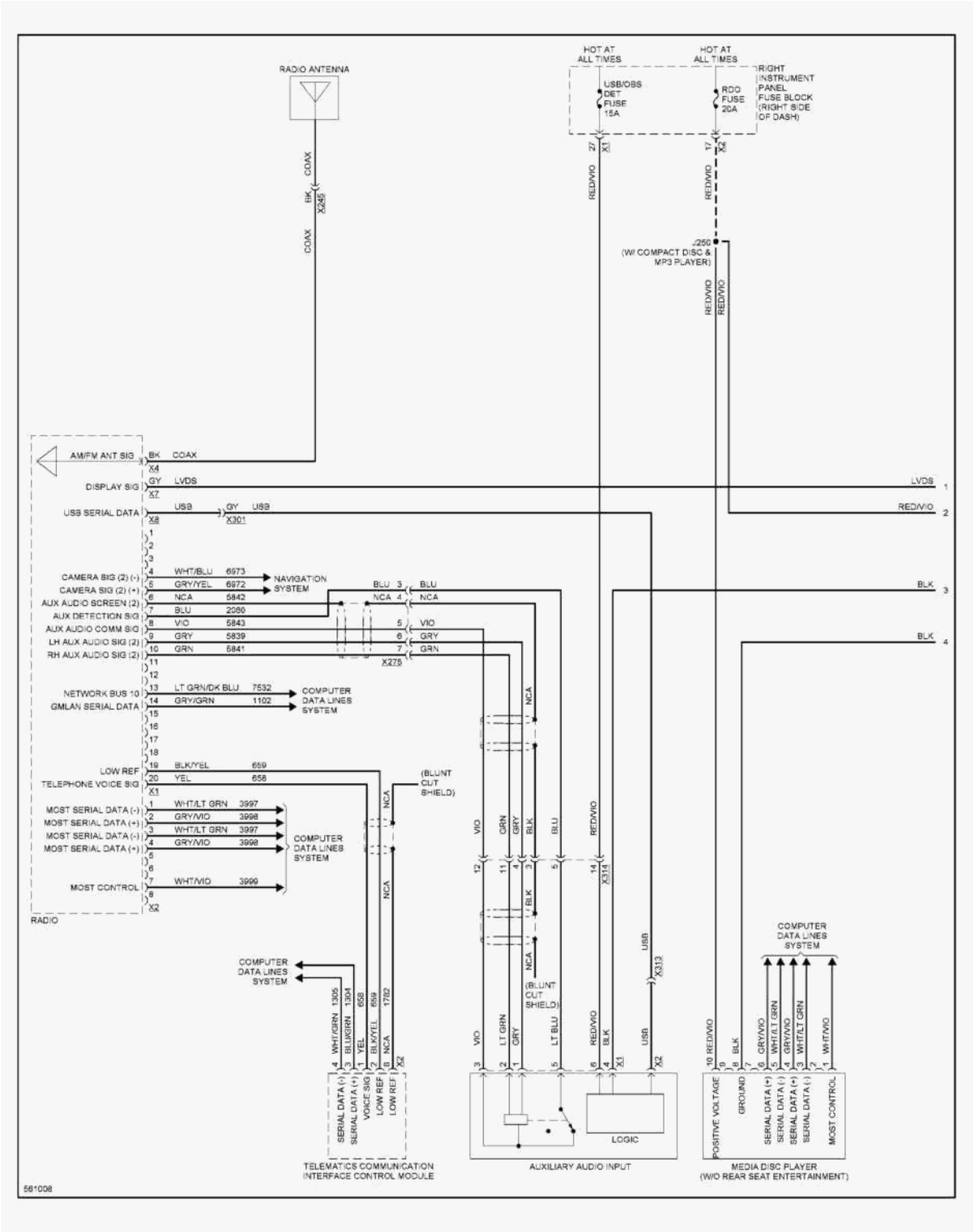

Fig. 123: Radio Circuit, Base (1 of 3)

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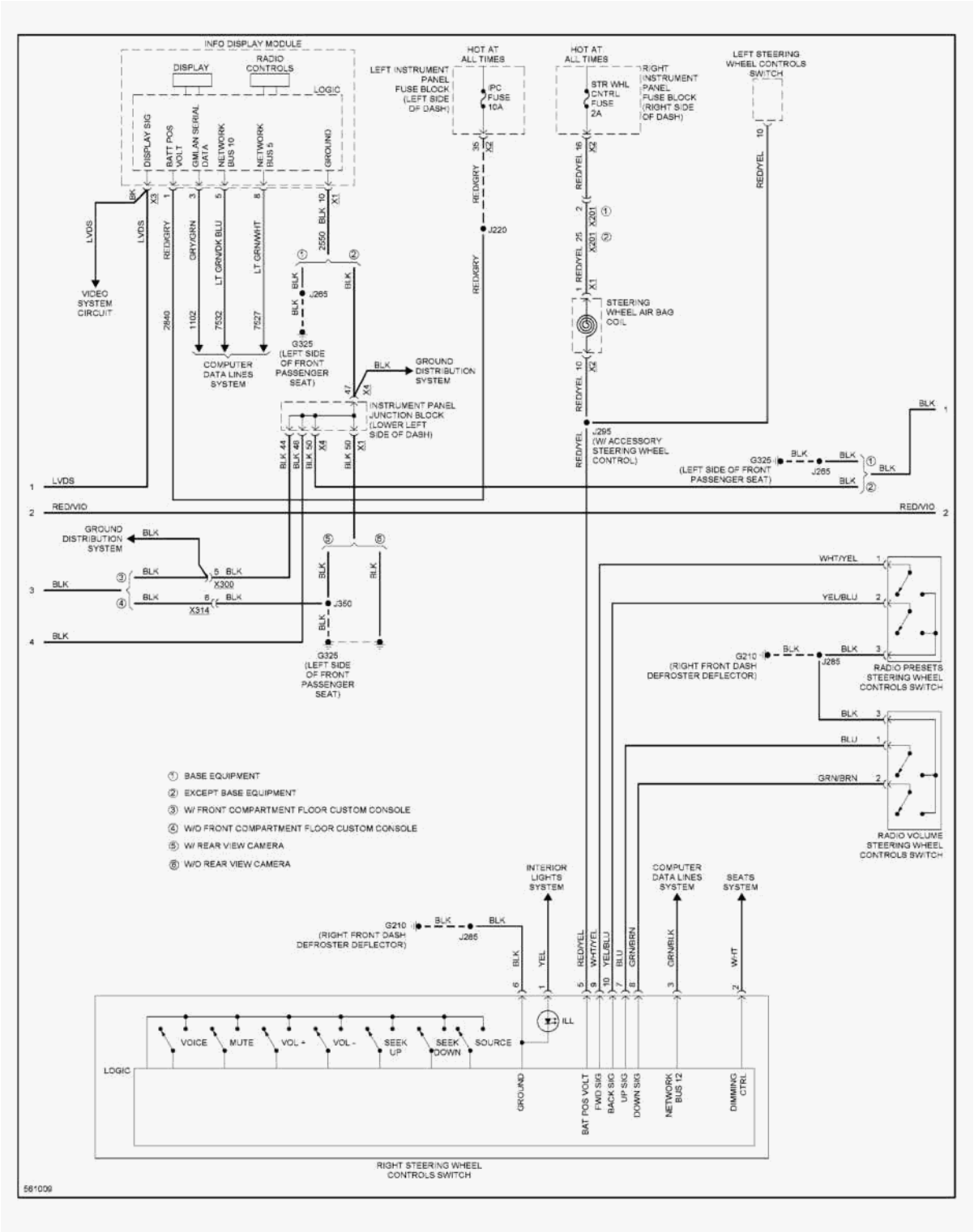

Fig. 124: Radio Circuit, Base (2 of 3)

cardiagn.com

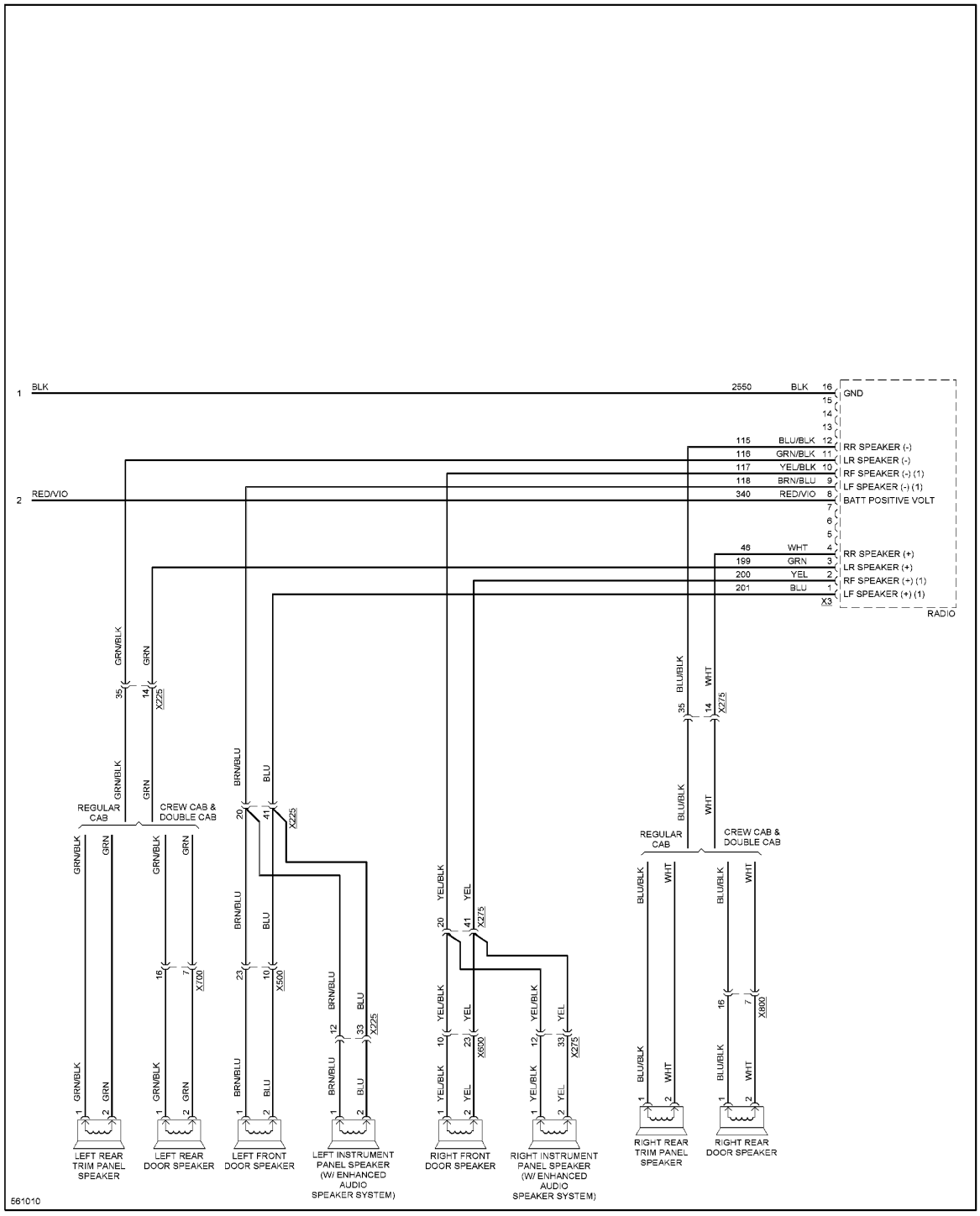

Fig. 125: Radio Circuit, Base (3 of 3)

cardiagn.com

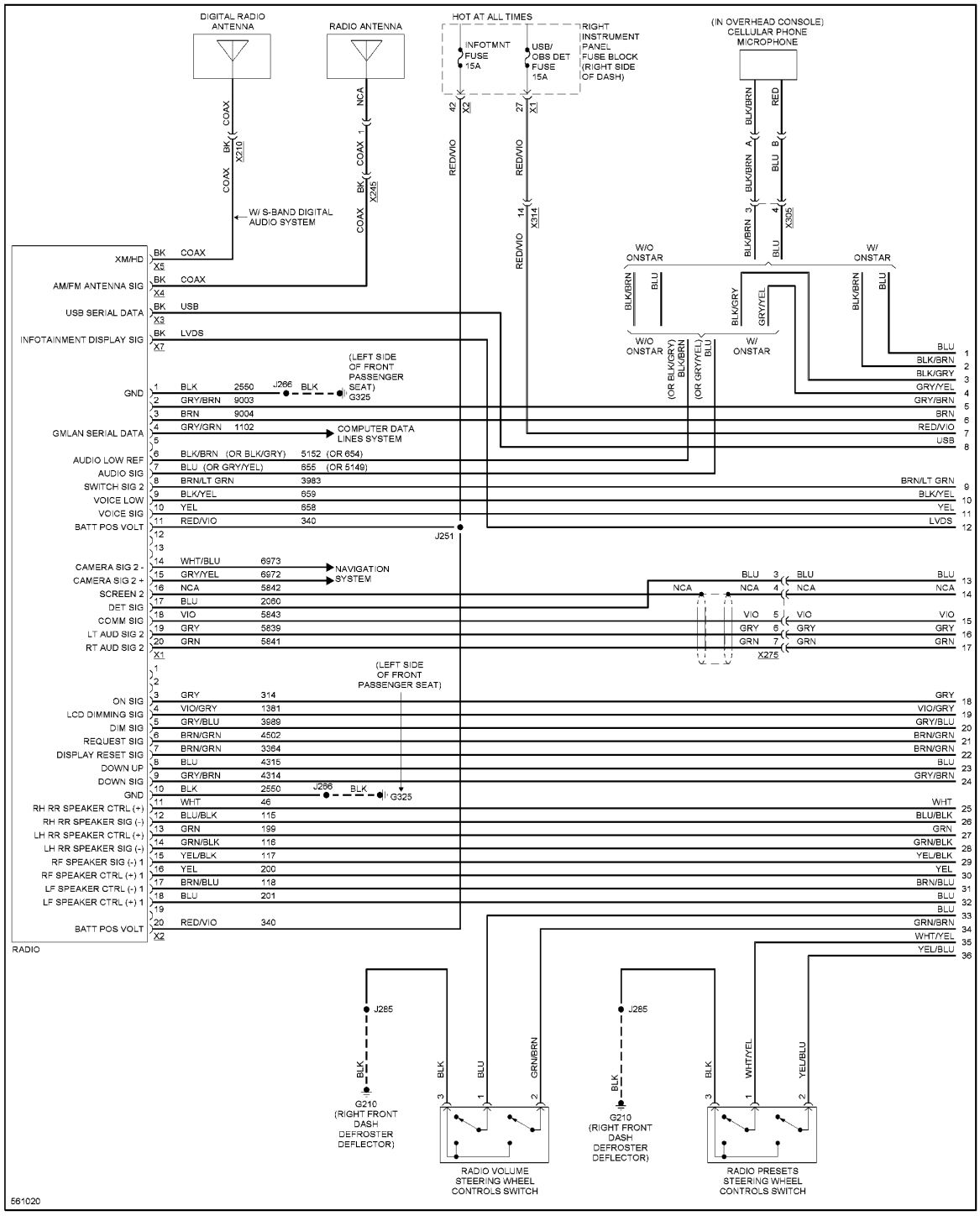

Fig. 126: Radio Circuit, Mid Level (1 of 3)

cardiagn.com

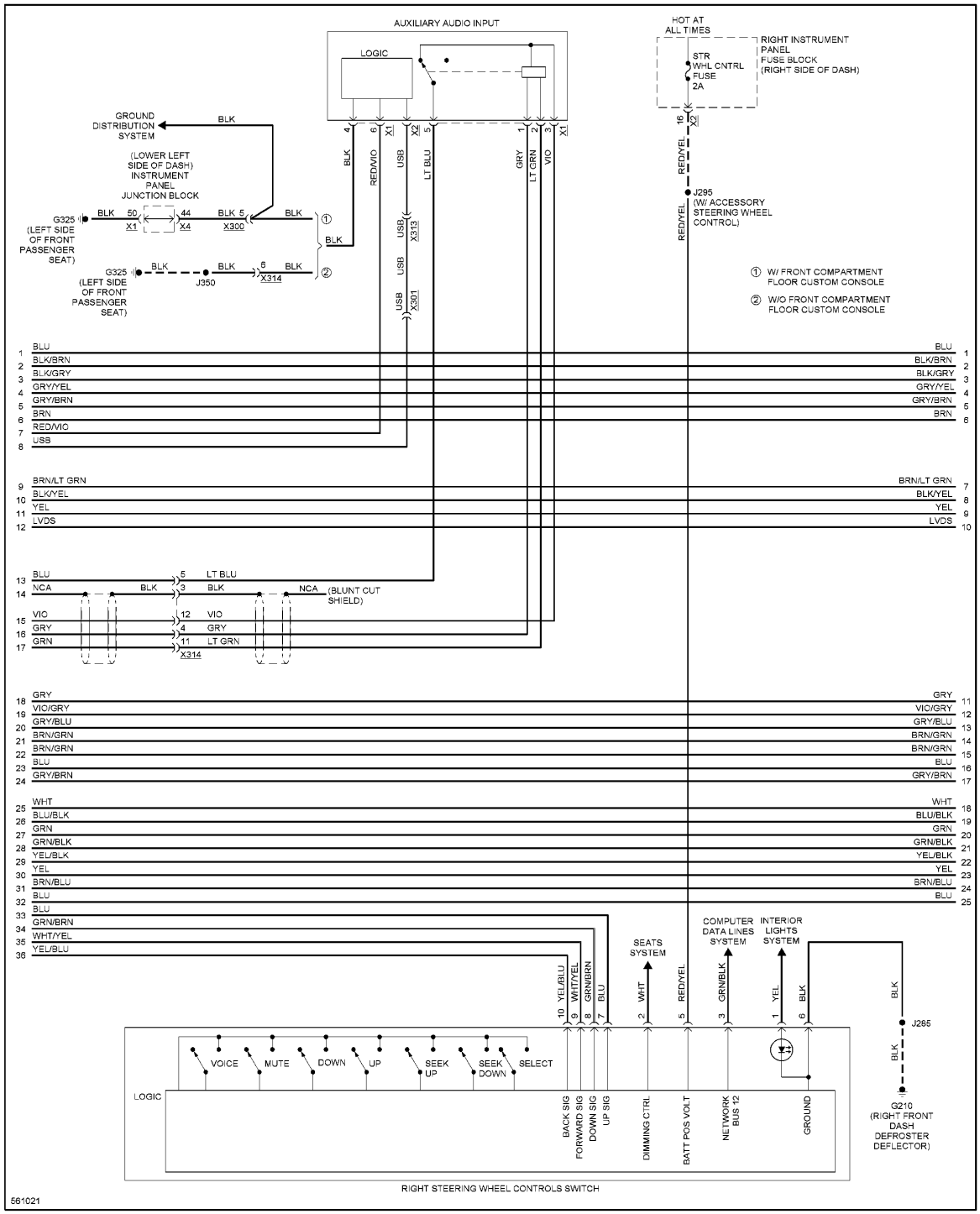

Fig. 127: Radio Circuit, Mid Level (2 of 3)

cardiagn.com

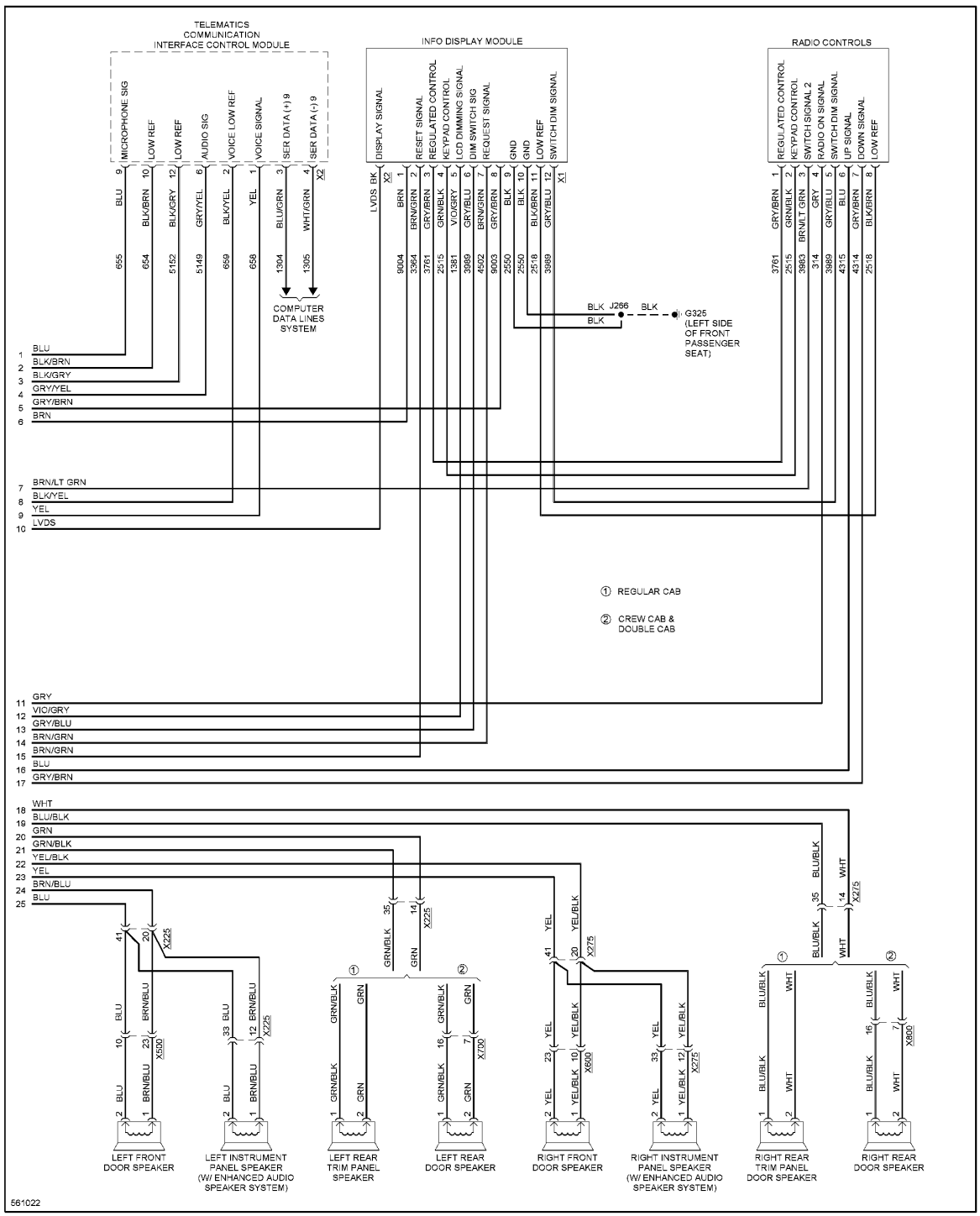

Fig. 128: Radio Circuit, Mid Level (3 of 3)

cardiagn.com

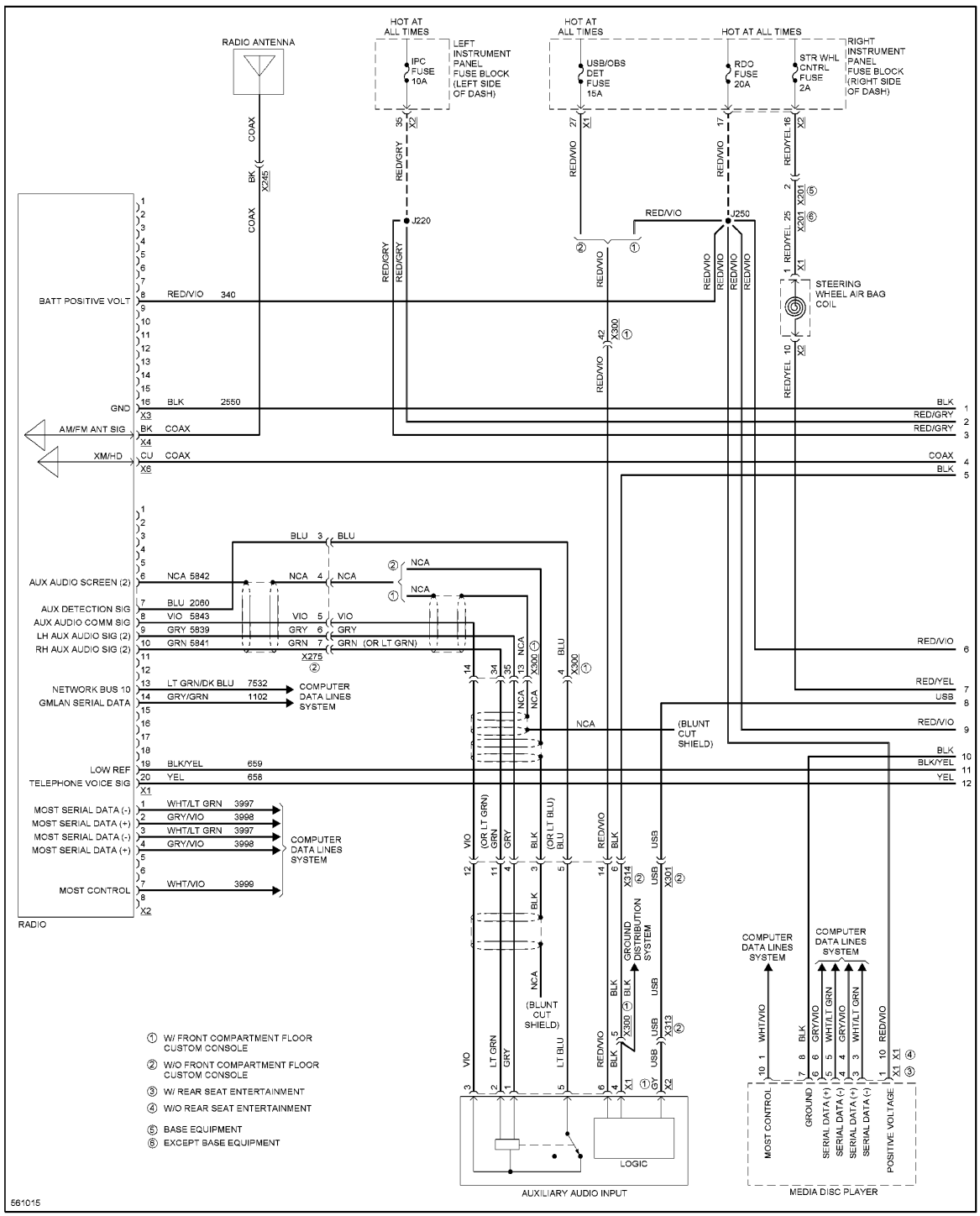

Fig. 129: Radio Circuit, Up Level W/ Amplifier (1 of 4)

cardiagn.com

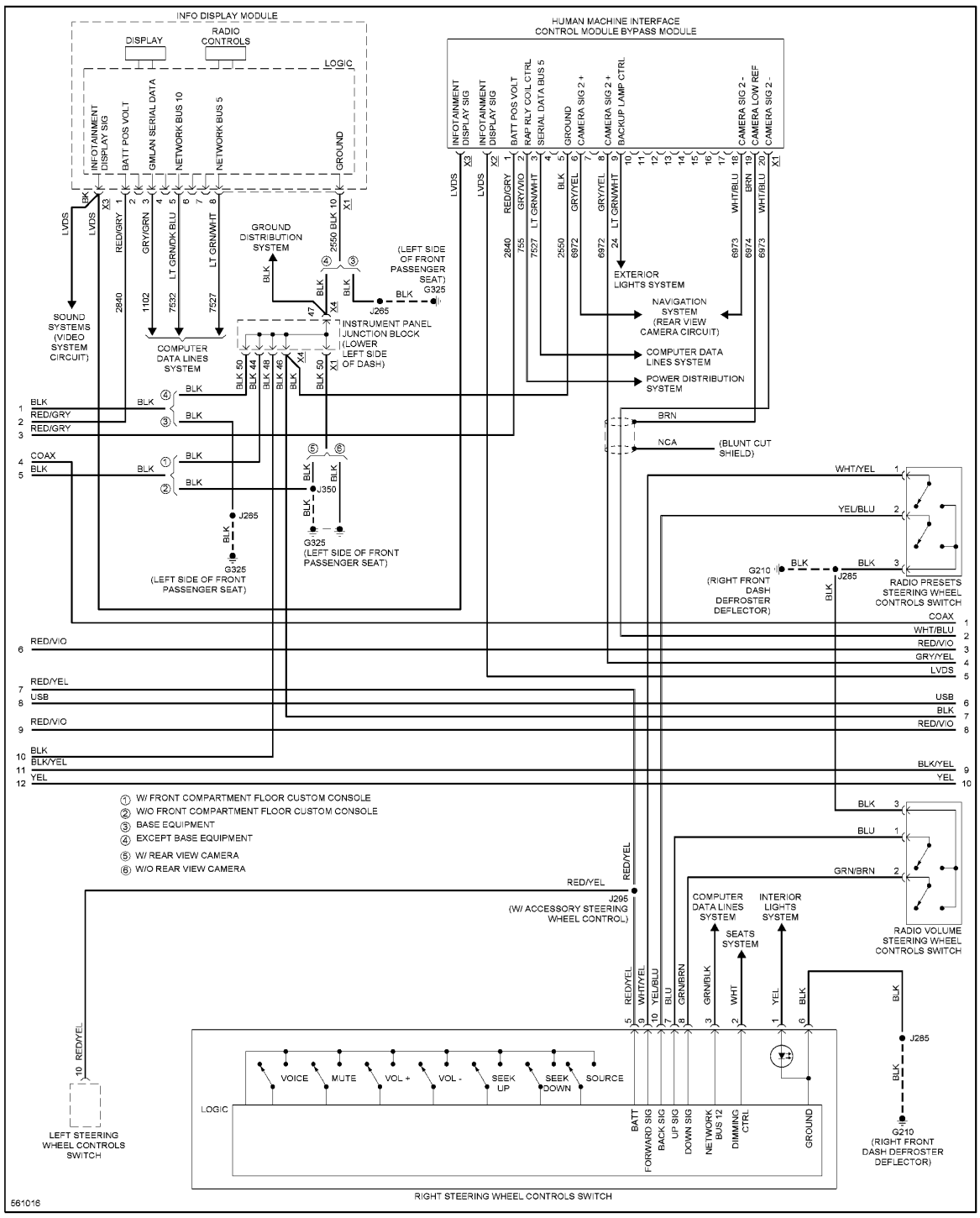

Fig. 130: Radio Circuit, Up Level W/ Amplifier (2 of 4)

cardiagn.com

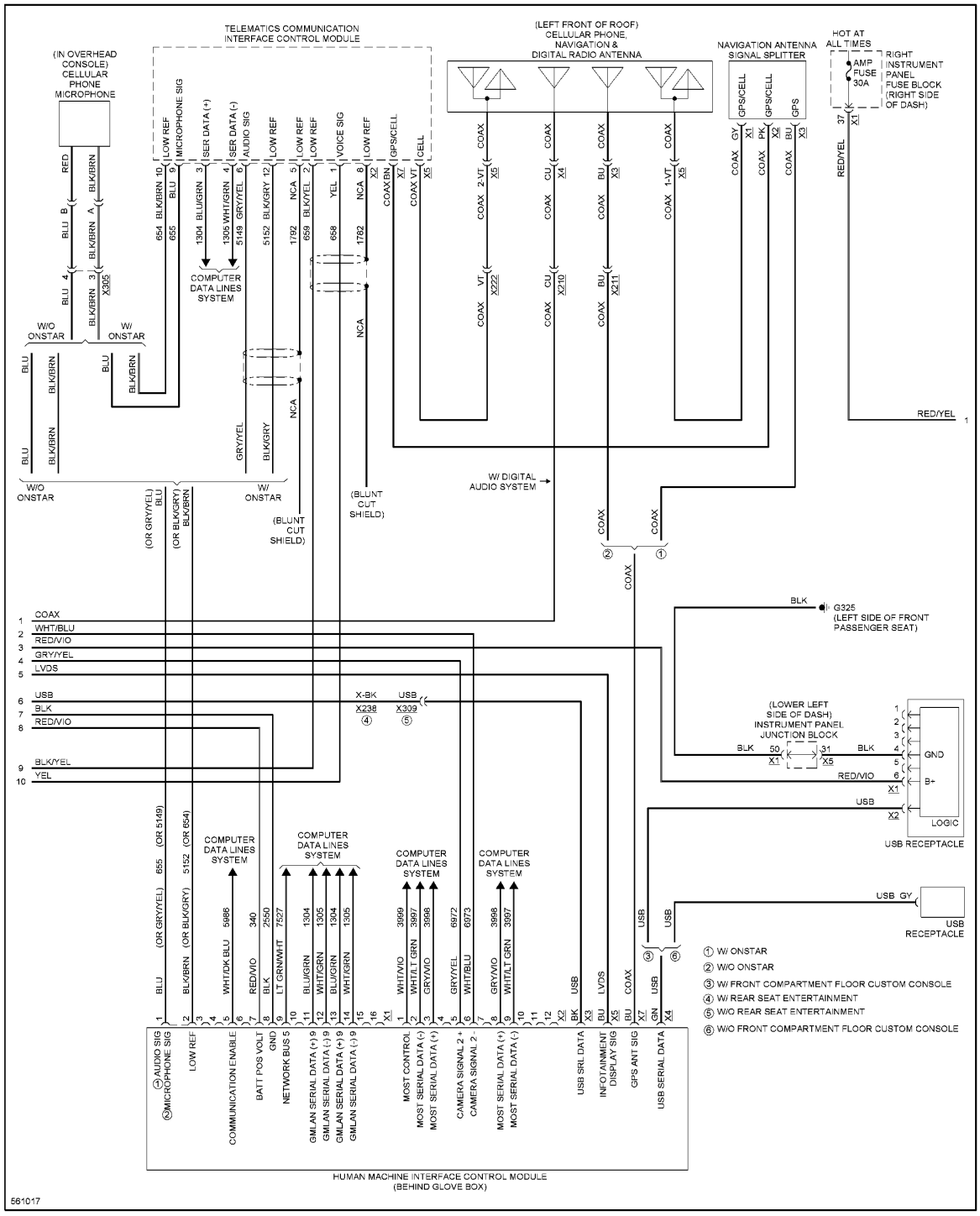

Fig. 131: Radio Circuit, Up Level W/ Amplifier (3 of 4)

cardiagn.com

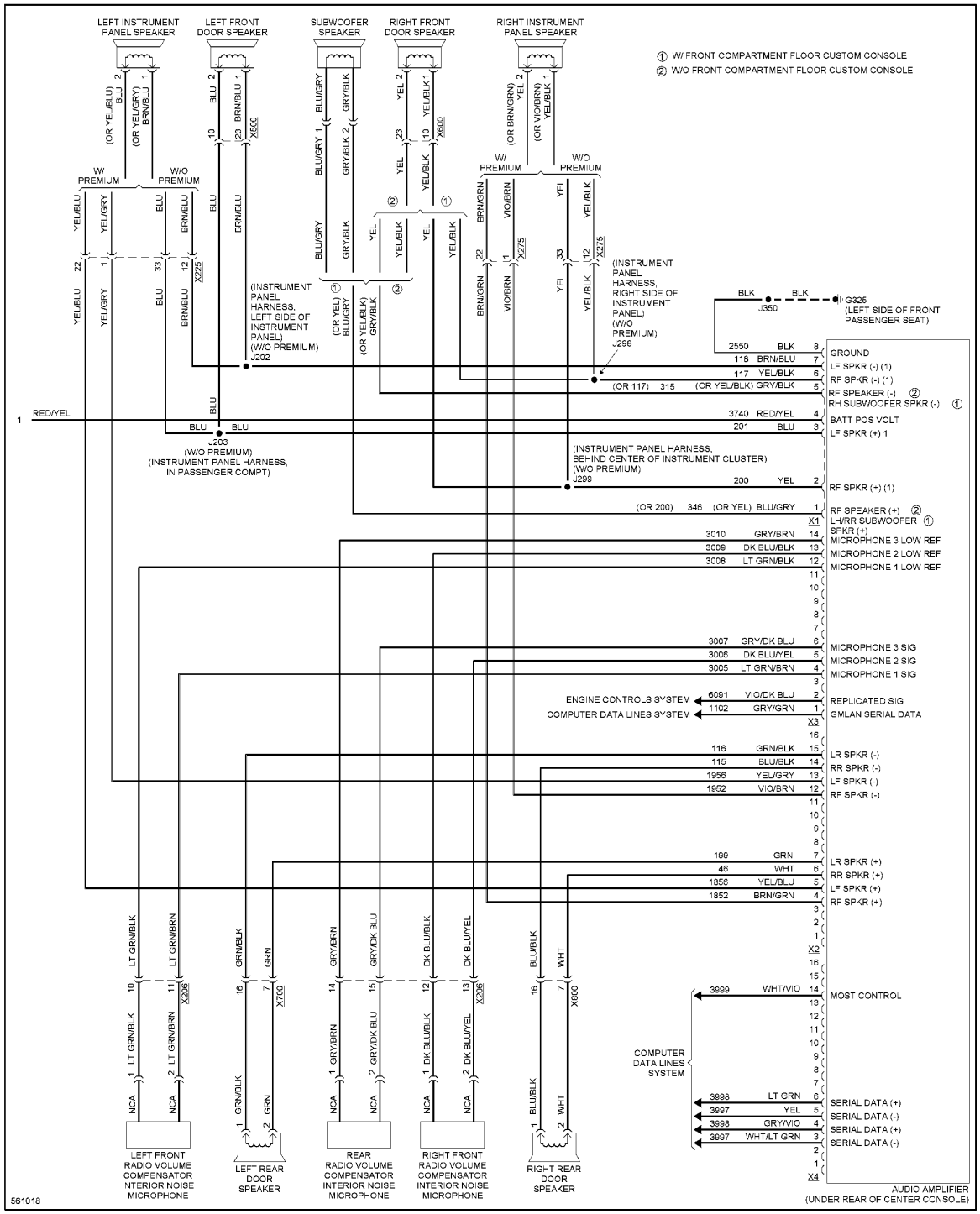

Fig. 132: Radio Circuit, Up Level W/ Amplifier (4 of 4)

cardiagn.com

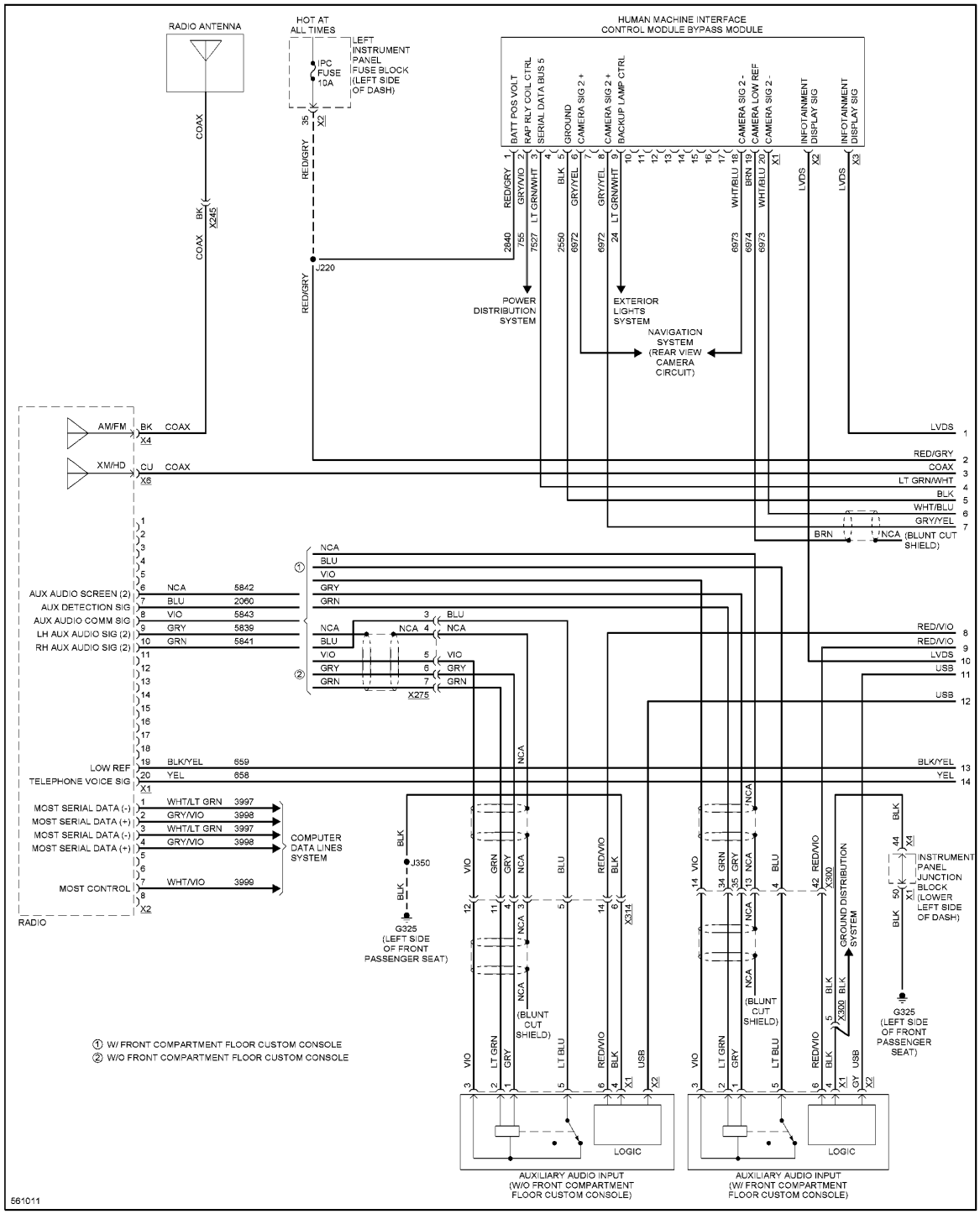

Fig. 133: Radio Circuit, Up Level W/O Amplifier (1 of 4)

cardiagn.com

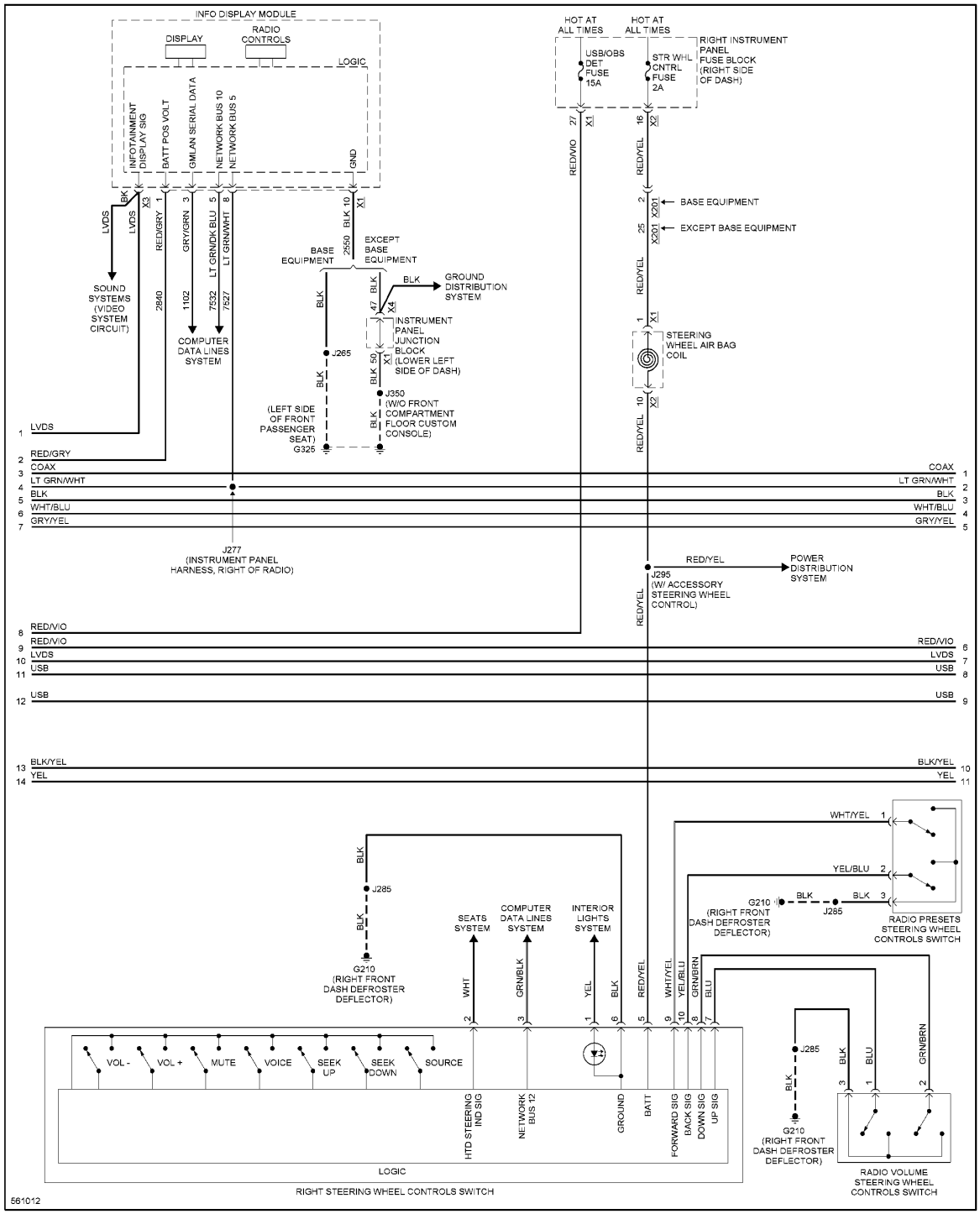

Fig. 134: Radio Circuit, Up Level W/O Amplifier (2 of 4)

cardiagn.com

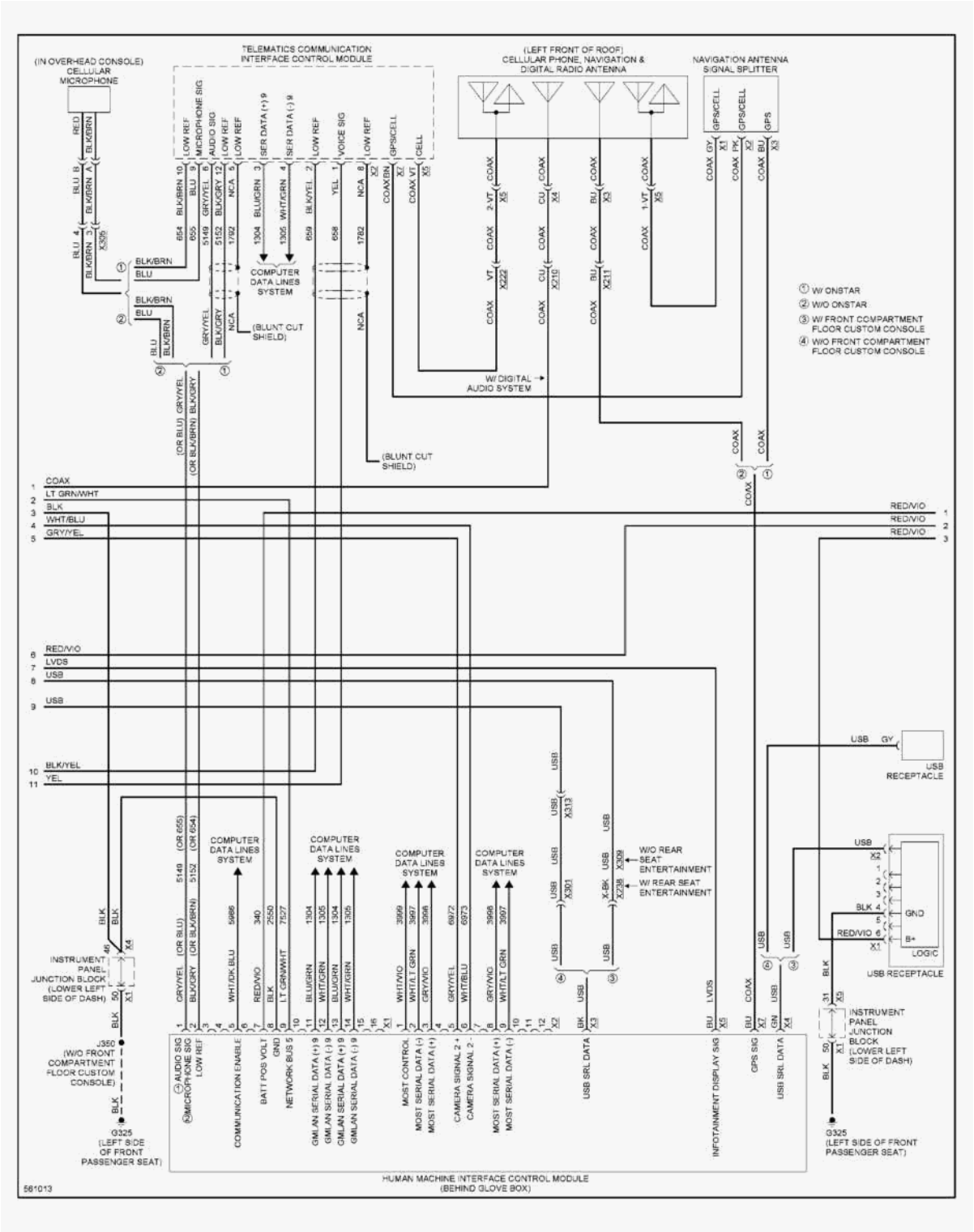

Fig. 135: Radio Circuit, Up Level W/O Amplifier (3 of 4)

cardiagn.com

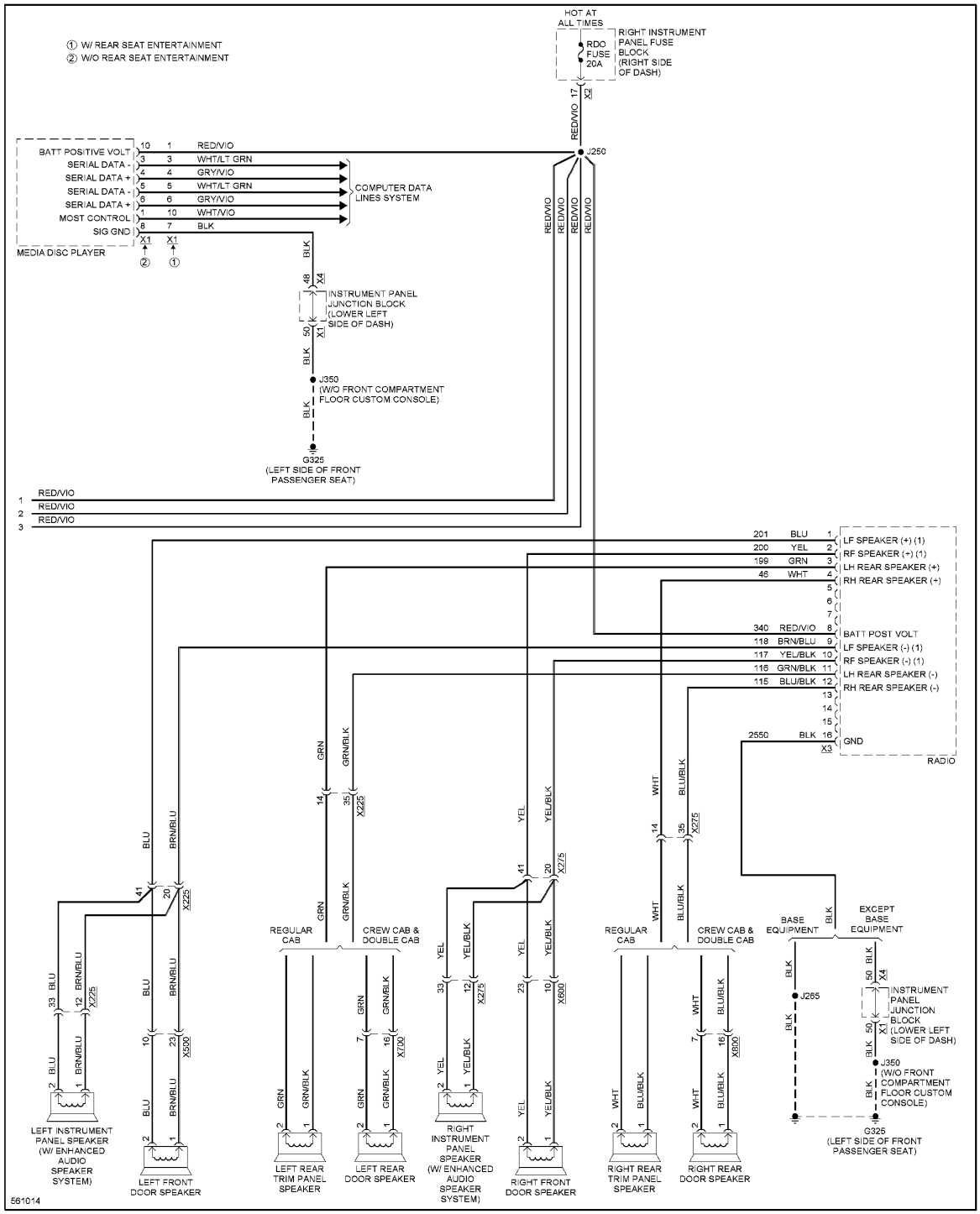

Fig. 136: Radio Circuit, Up Level W/O Amplifier (4 of 4)

cardiagn.com

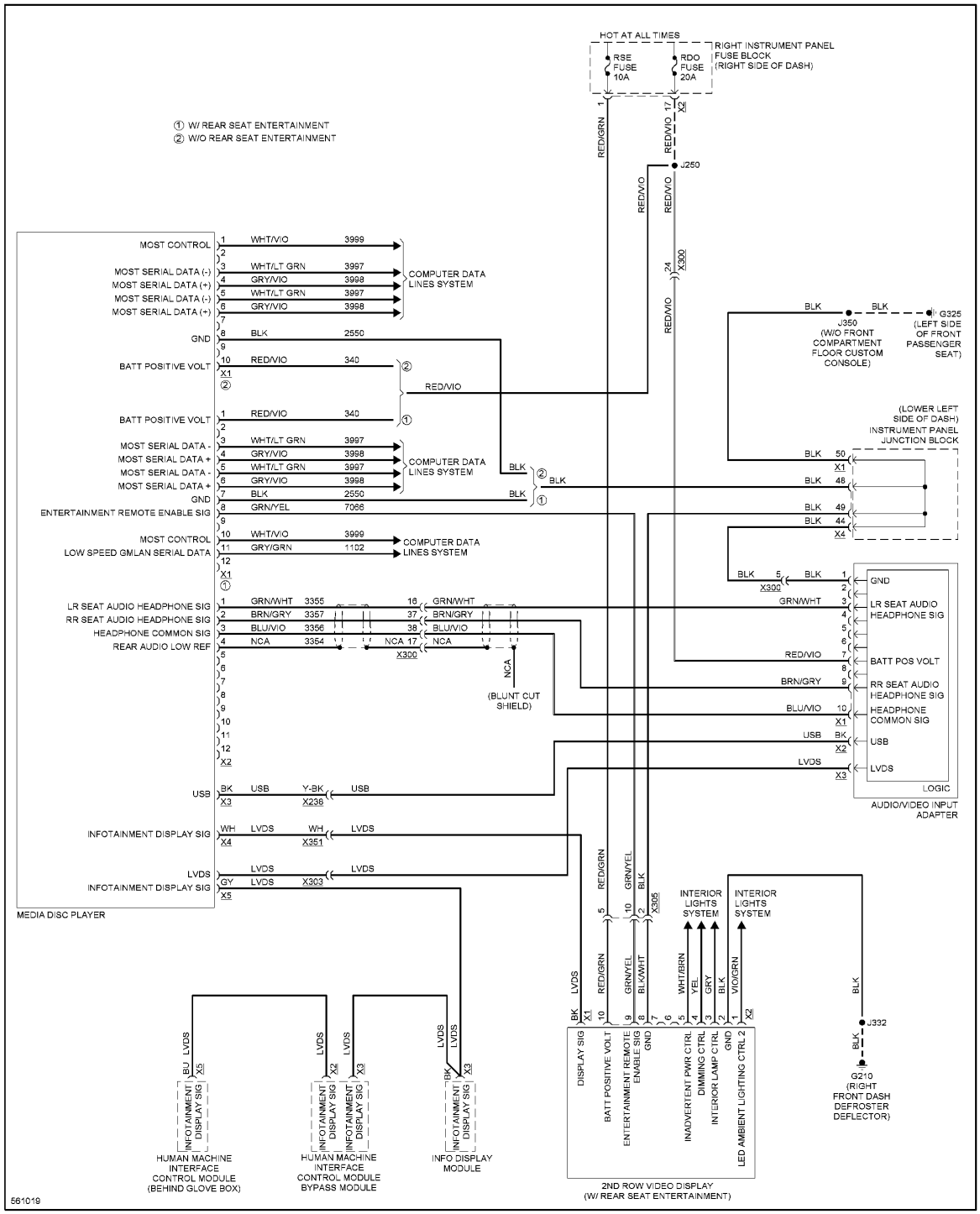

Fig. 137: Video System Circuit

SHIFT INTERLOCK

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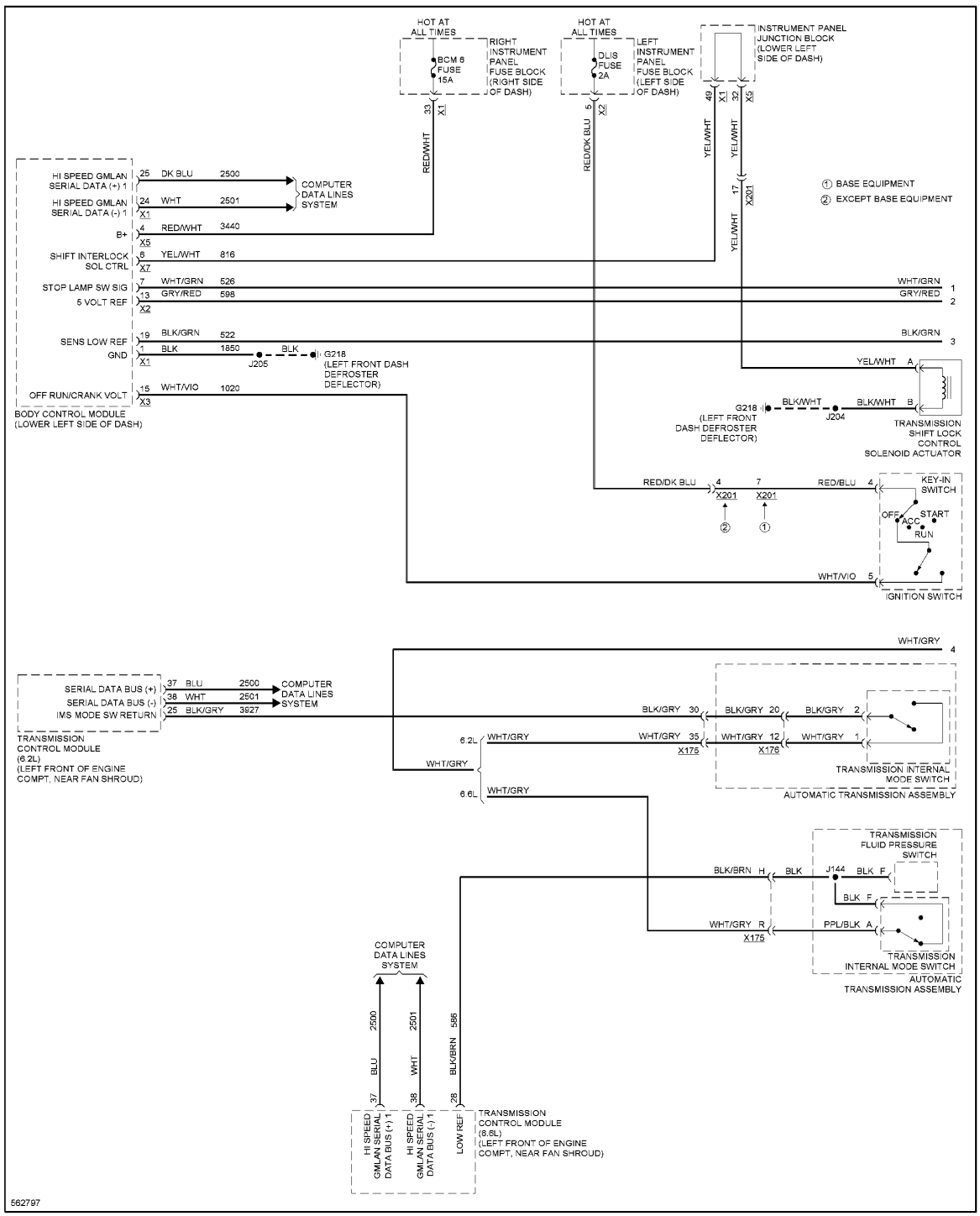

Fig. 138: Shift Interlock Circuit (1 of 2)

cardiagn.com

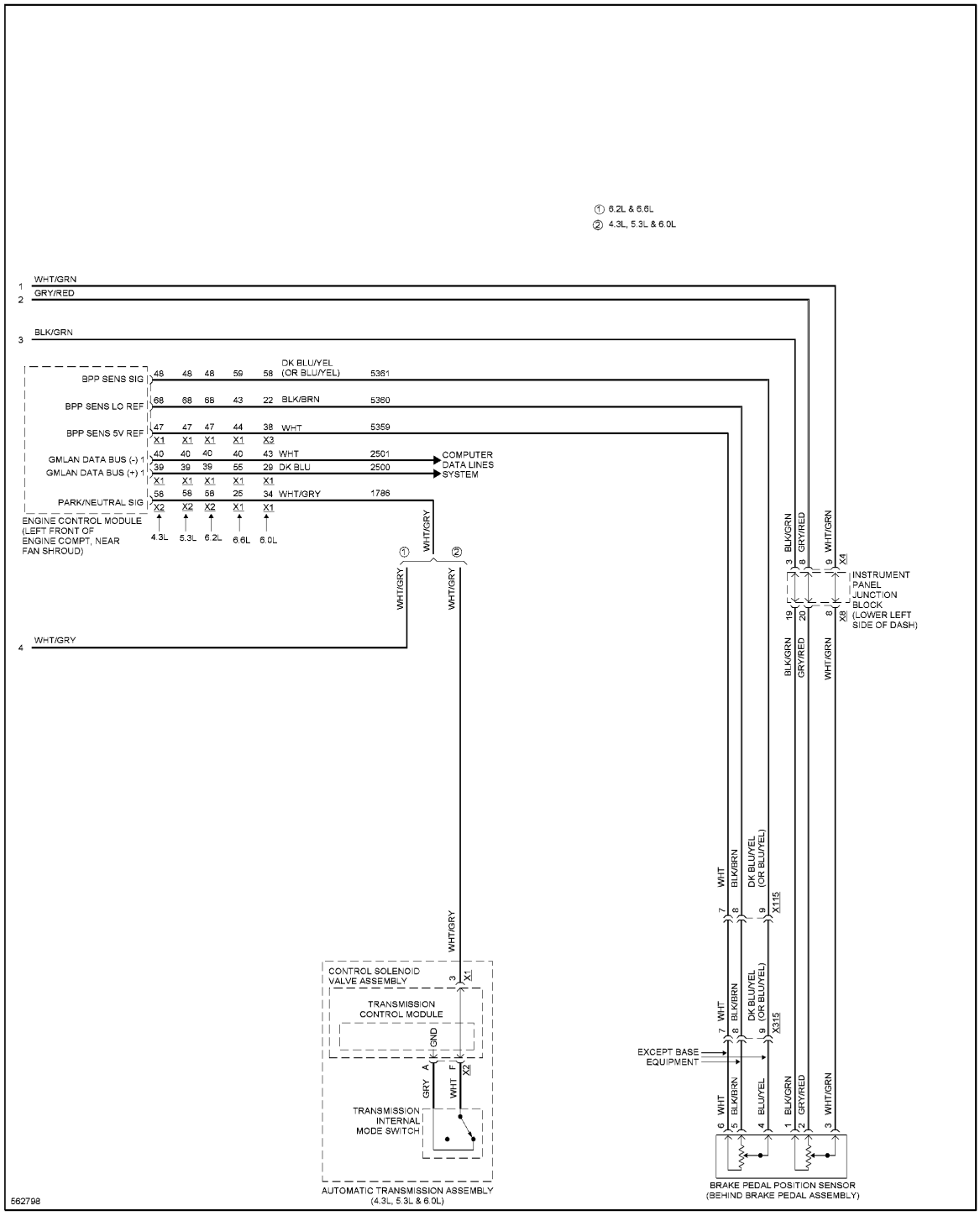

Fig. 139: Shift Interlock Circuit (2 of 2)

STARTING/CHARGING

cardiagn.com

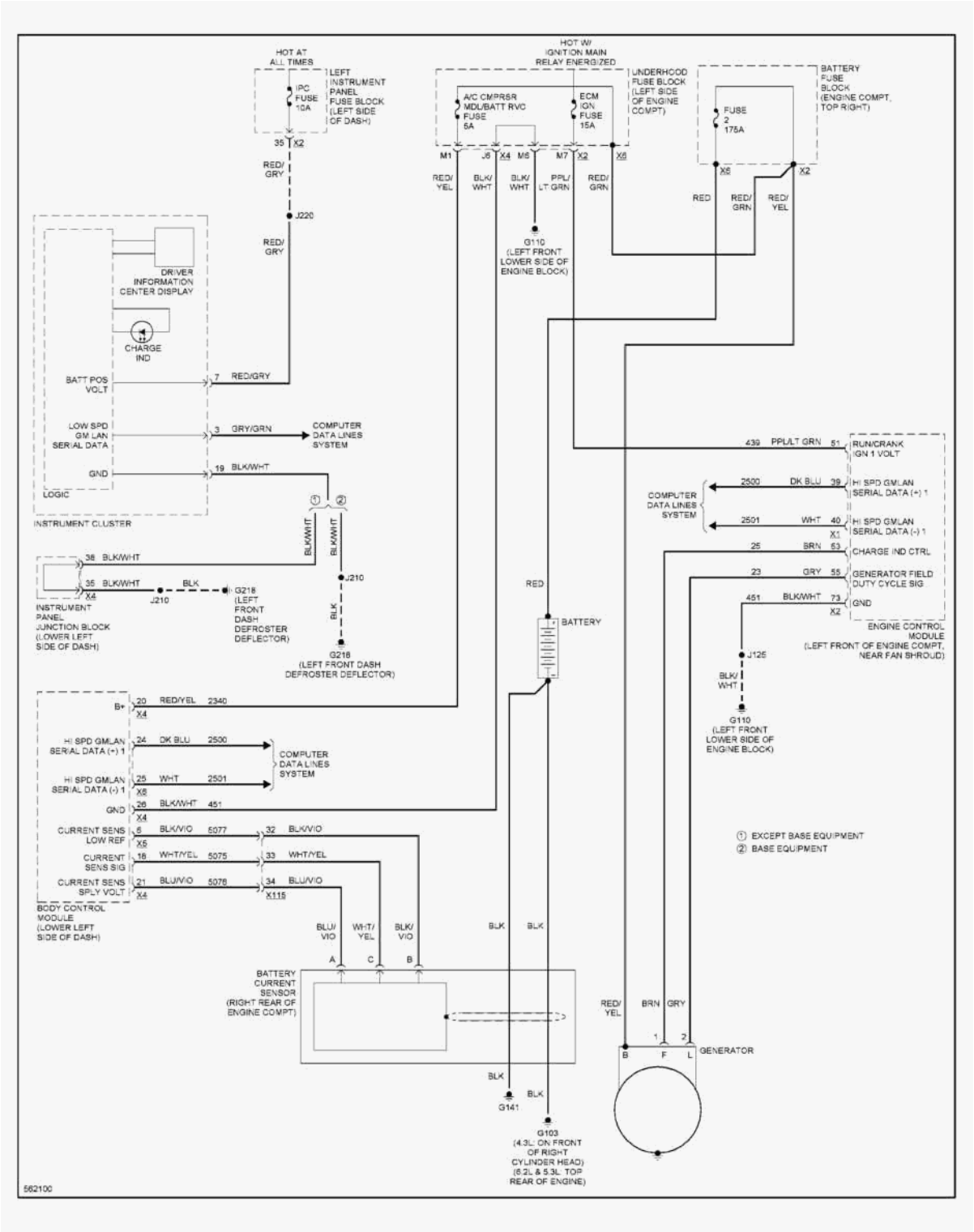

Fig. 140: Charging Circuit

cardiagn.com

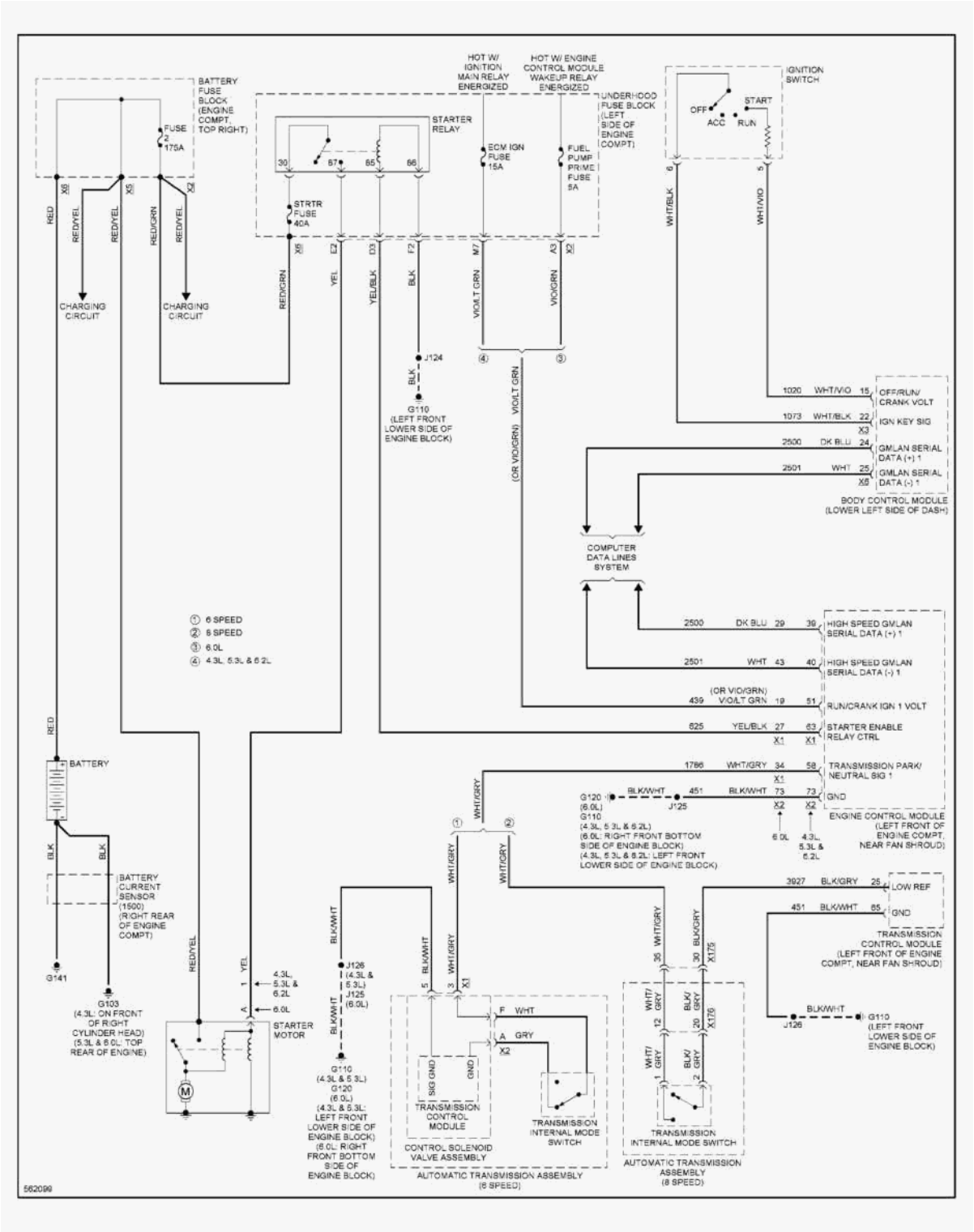

Fig. 141: Starting Circuit

SUPPLEMENTAL RESTRAINTS

cardiagn.com

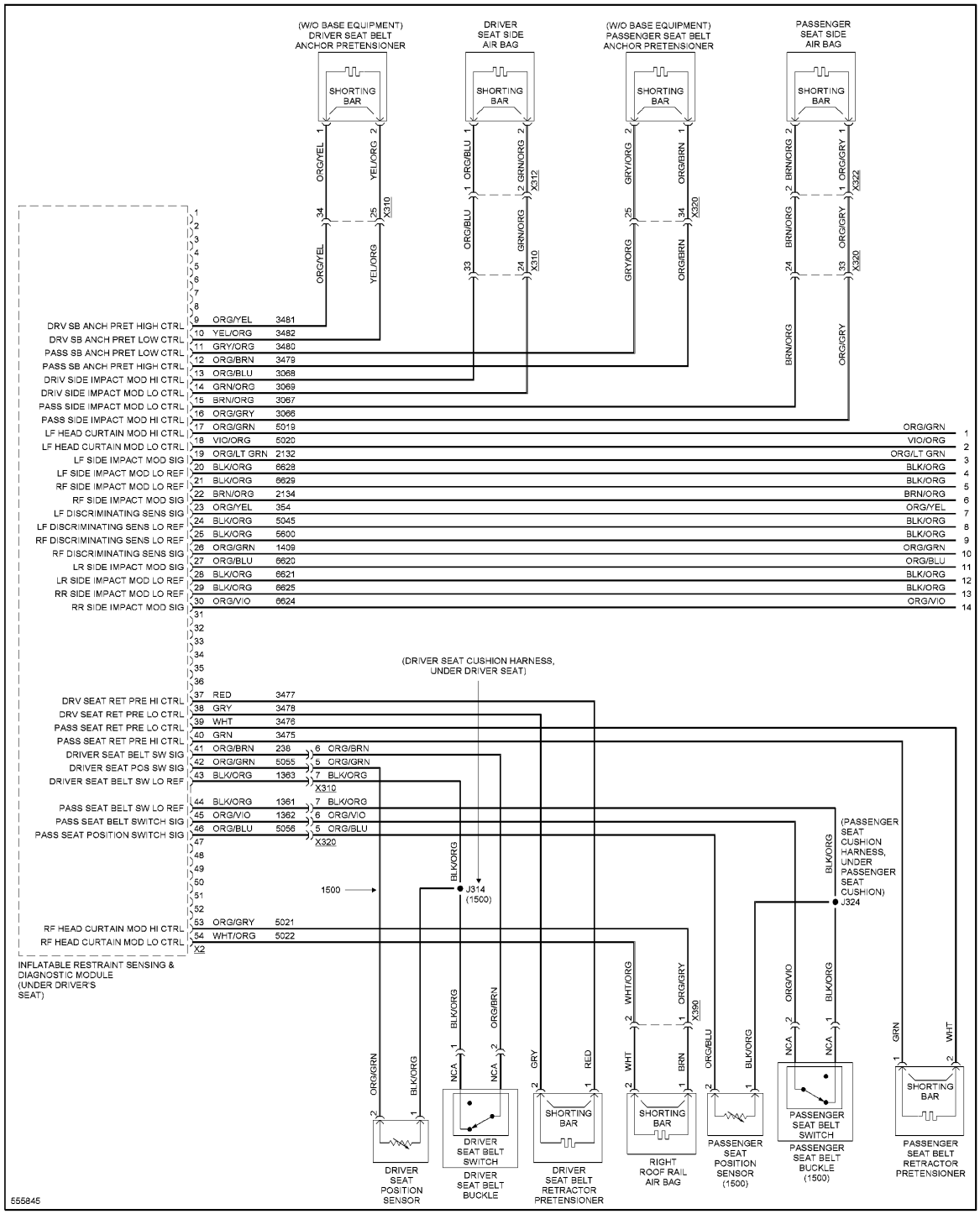

Fig. 142: Supplemental Restraints Circuit (1 of 3)

cardiagn.com

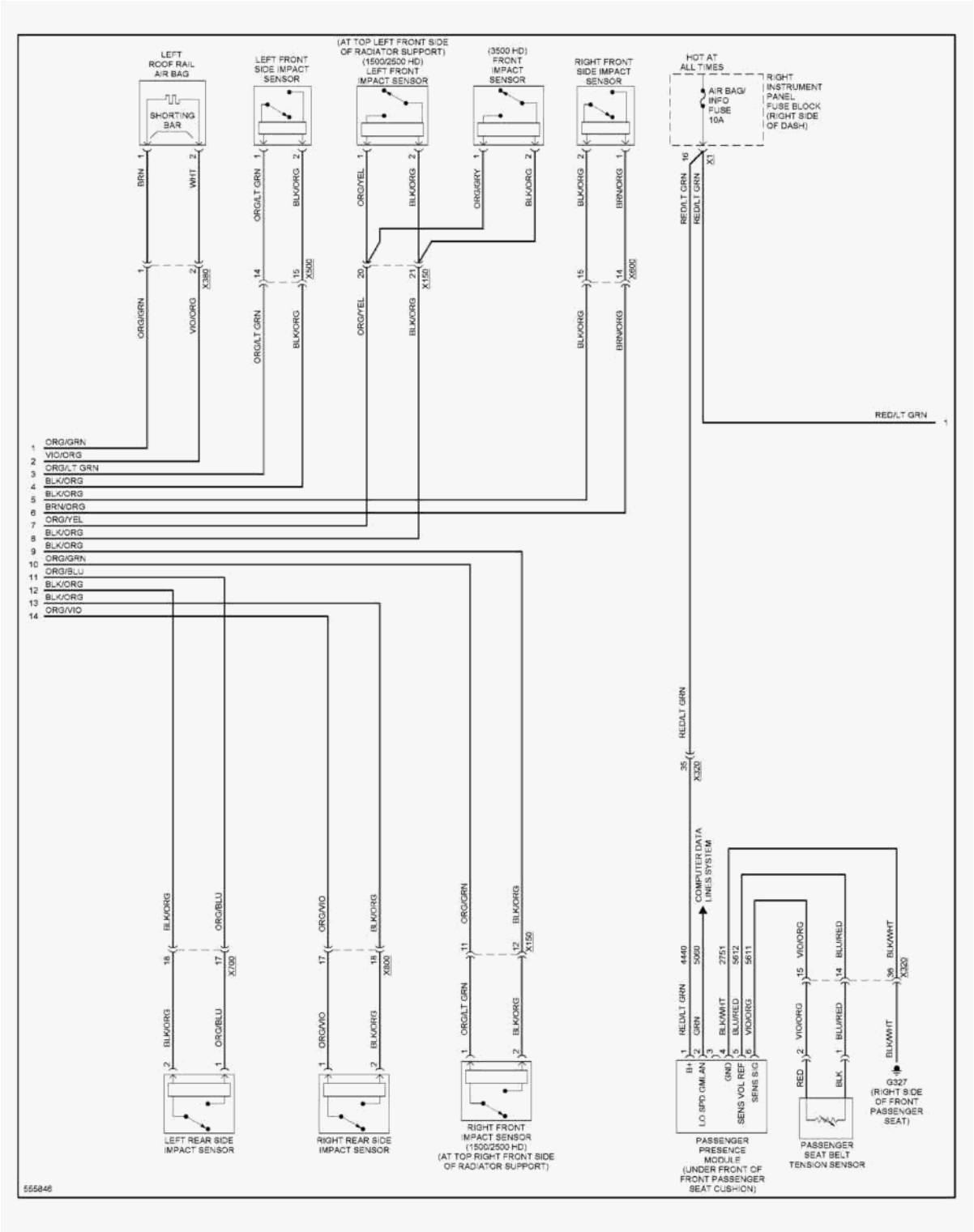

Fig. 143: Supplemental Restraints Circuit (2 of 3)

cardiagn.com

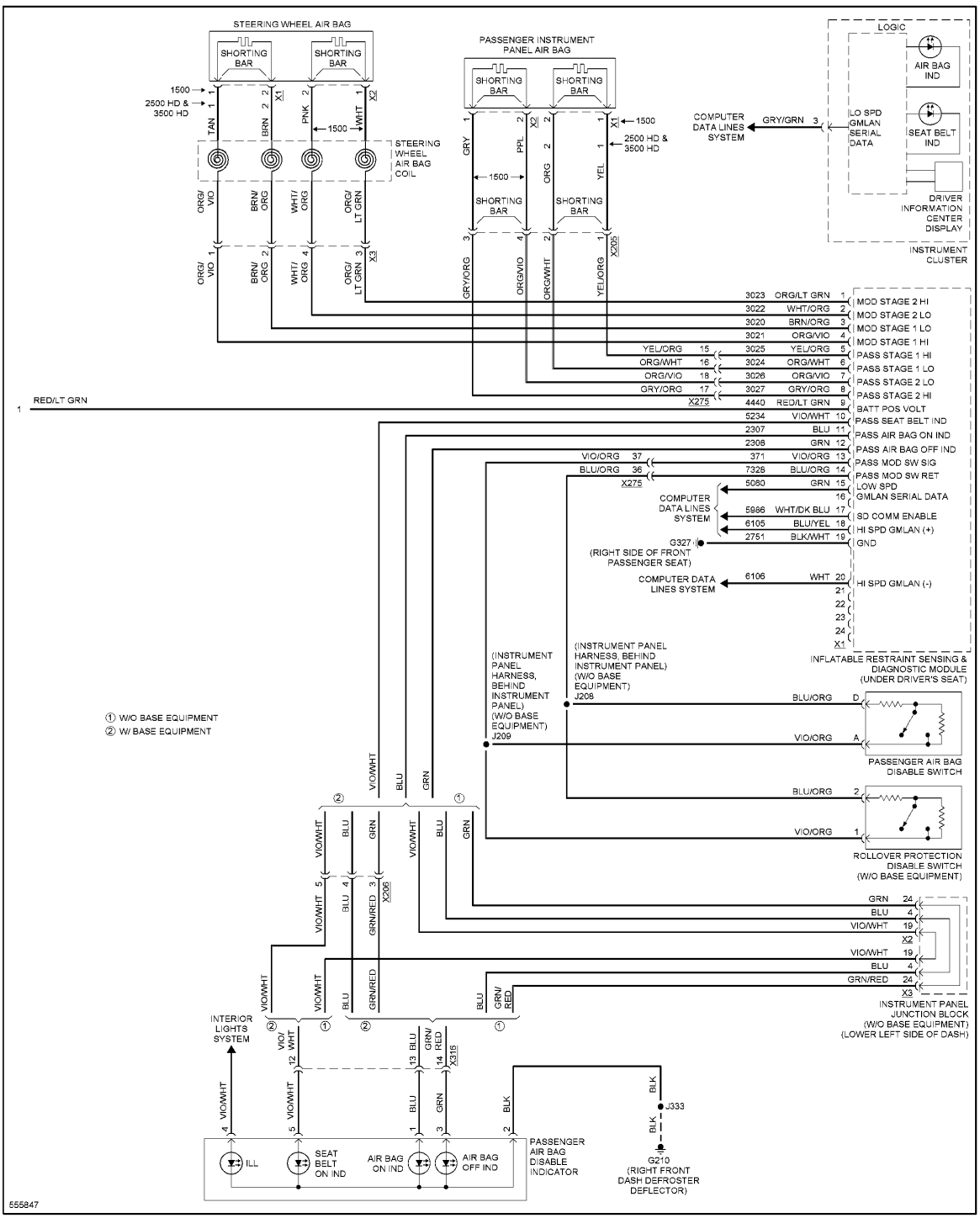

Fig. 144: Supplemental Restraints Circuit (3 of 3)

TRANSMISSION

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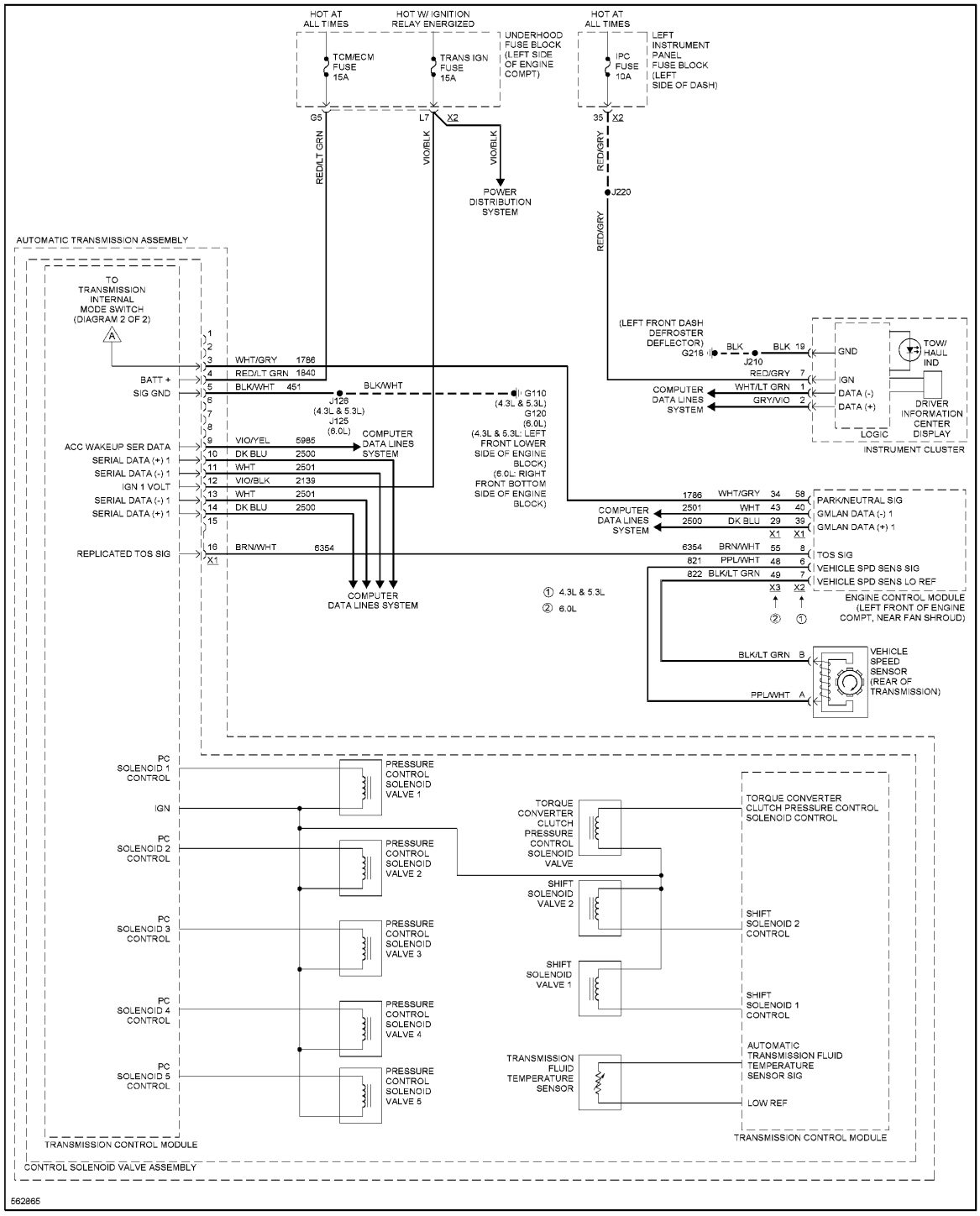

Fig. 145: A/T Circuit, 6 Speed (1 of 2)

cardiagn.com

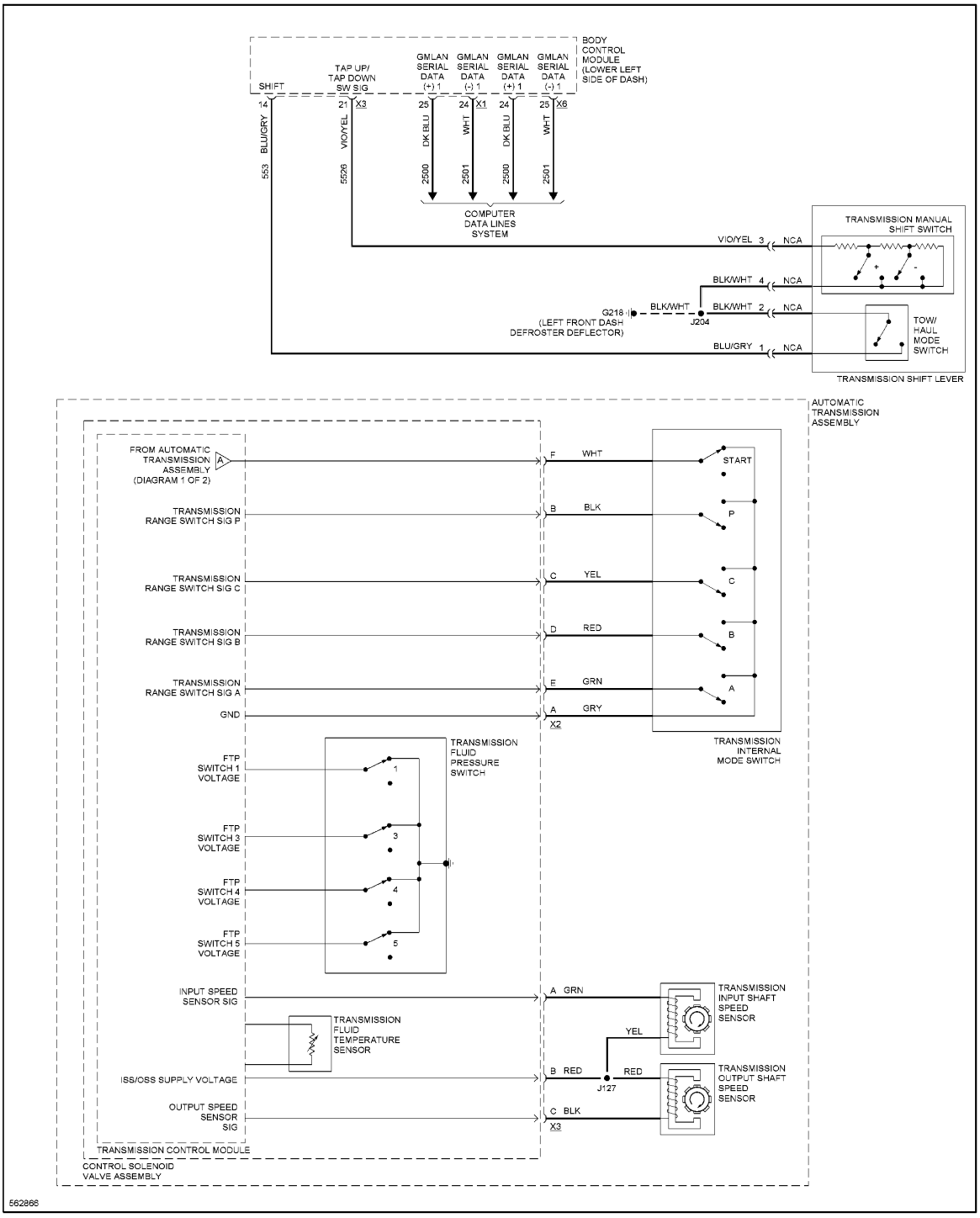

Fig. 146: A/T Circuit, 6 Speed (2 of 2)

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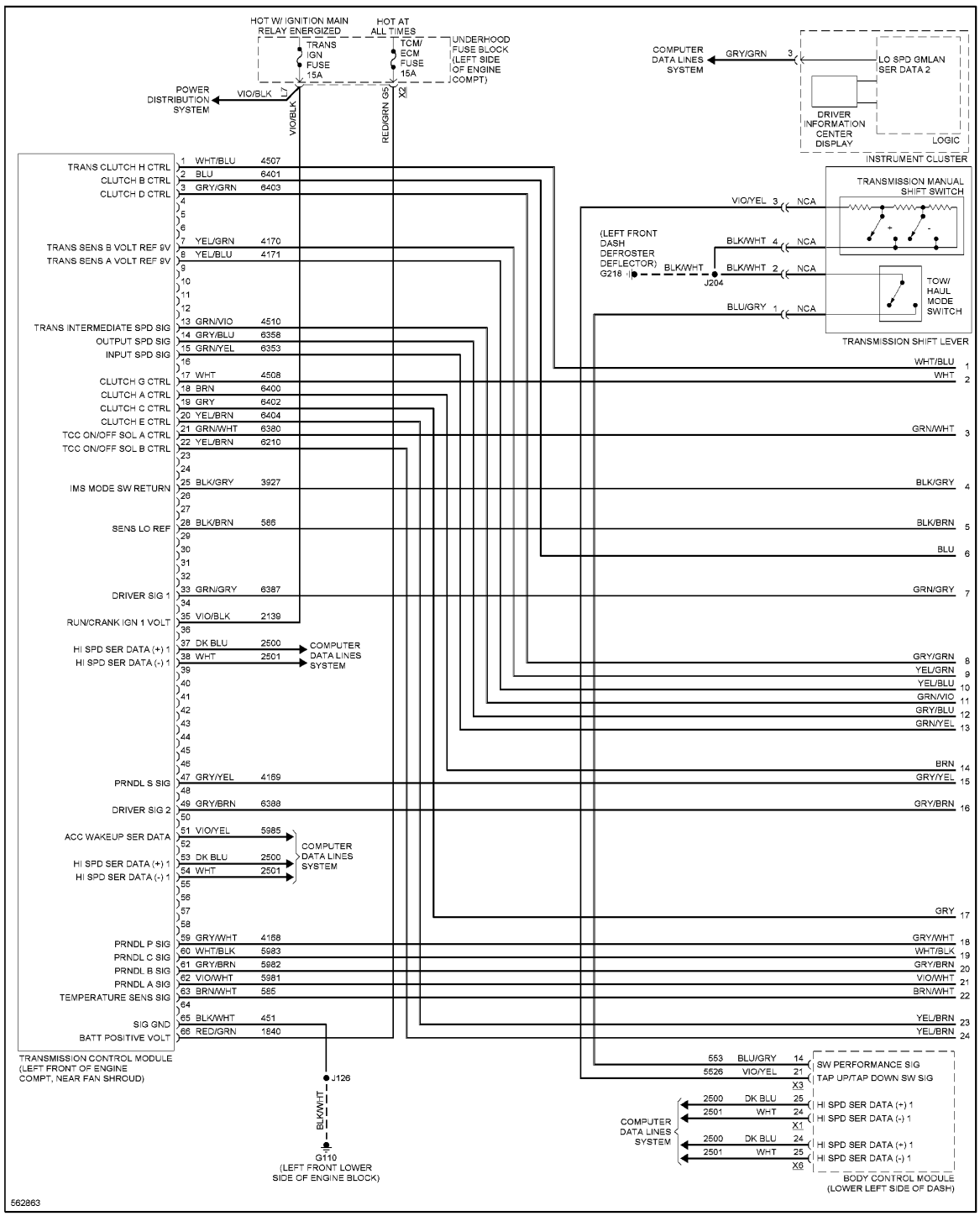

Fig. 147: A/T Circuit, 8 speed (1 of 2)

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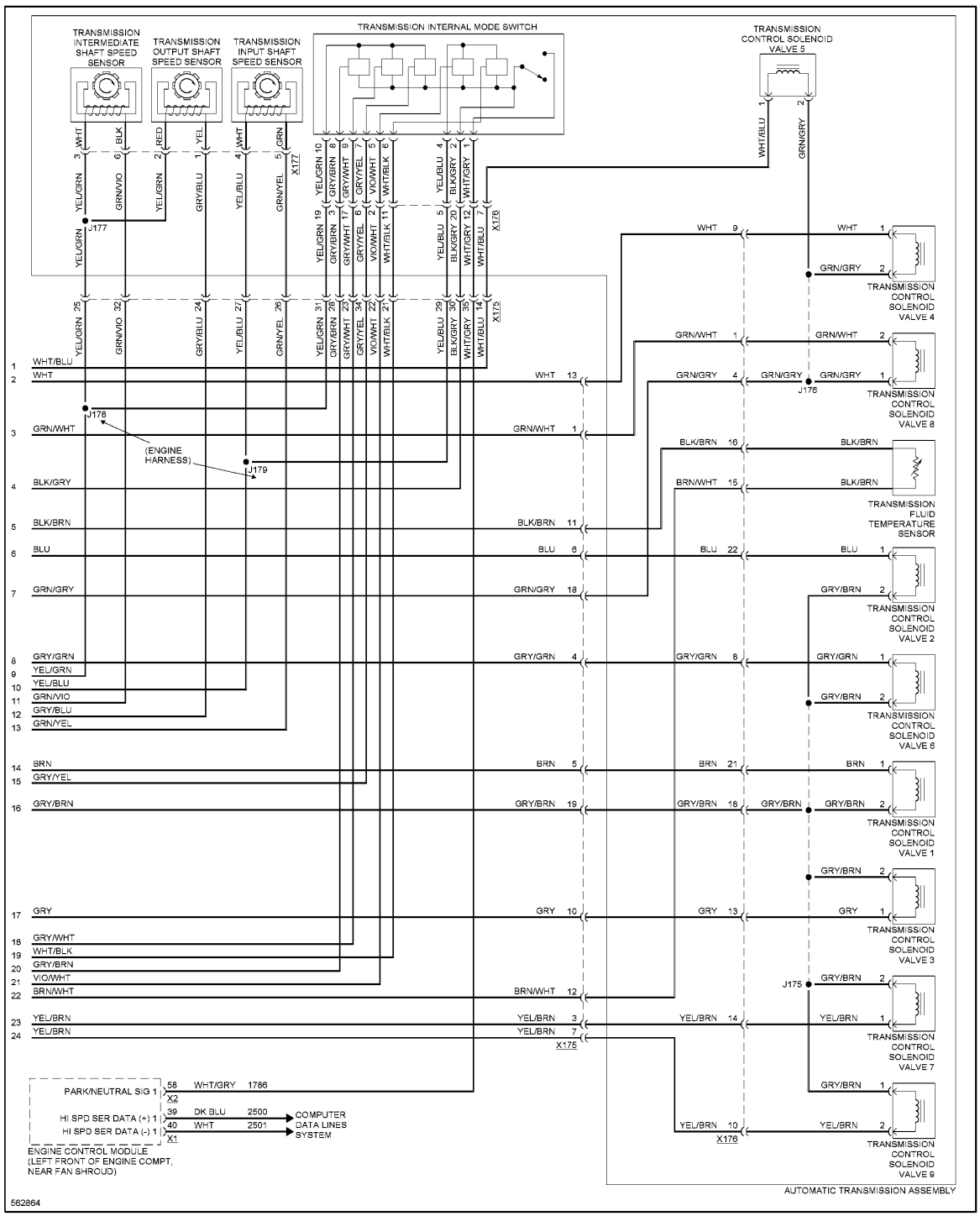

Fig. 148: A/T Circuit, 8 speed (2 of 2)

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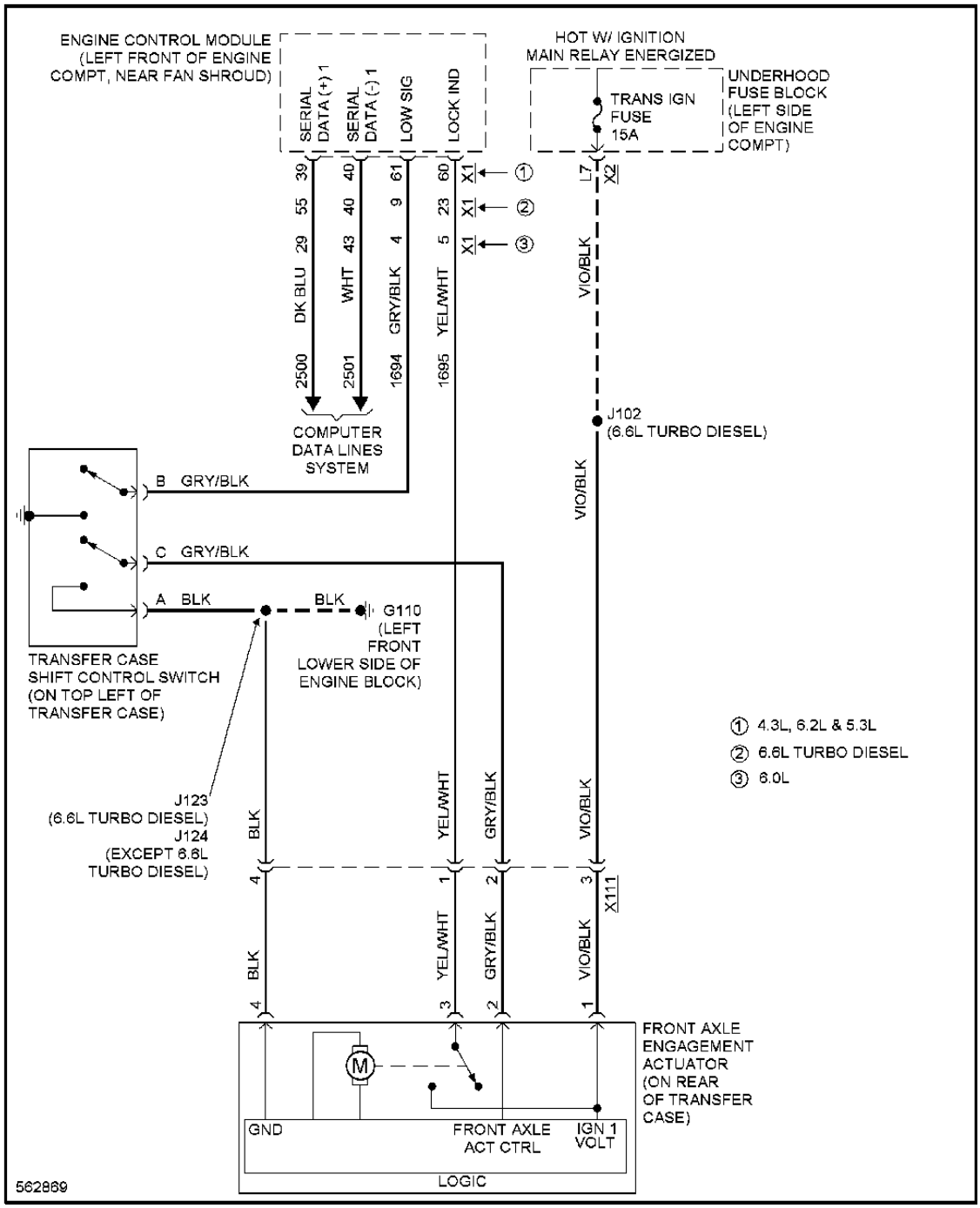

Fig. 149: Transfer Case Circuit, 2-Speed Manual

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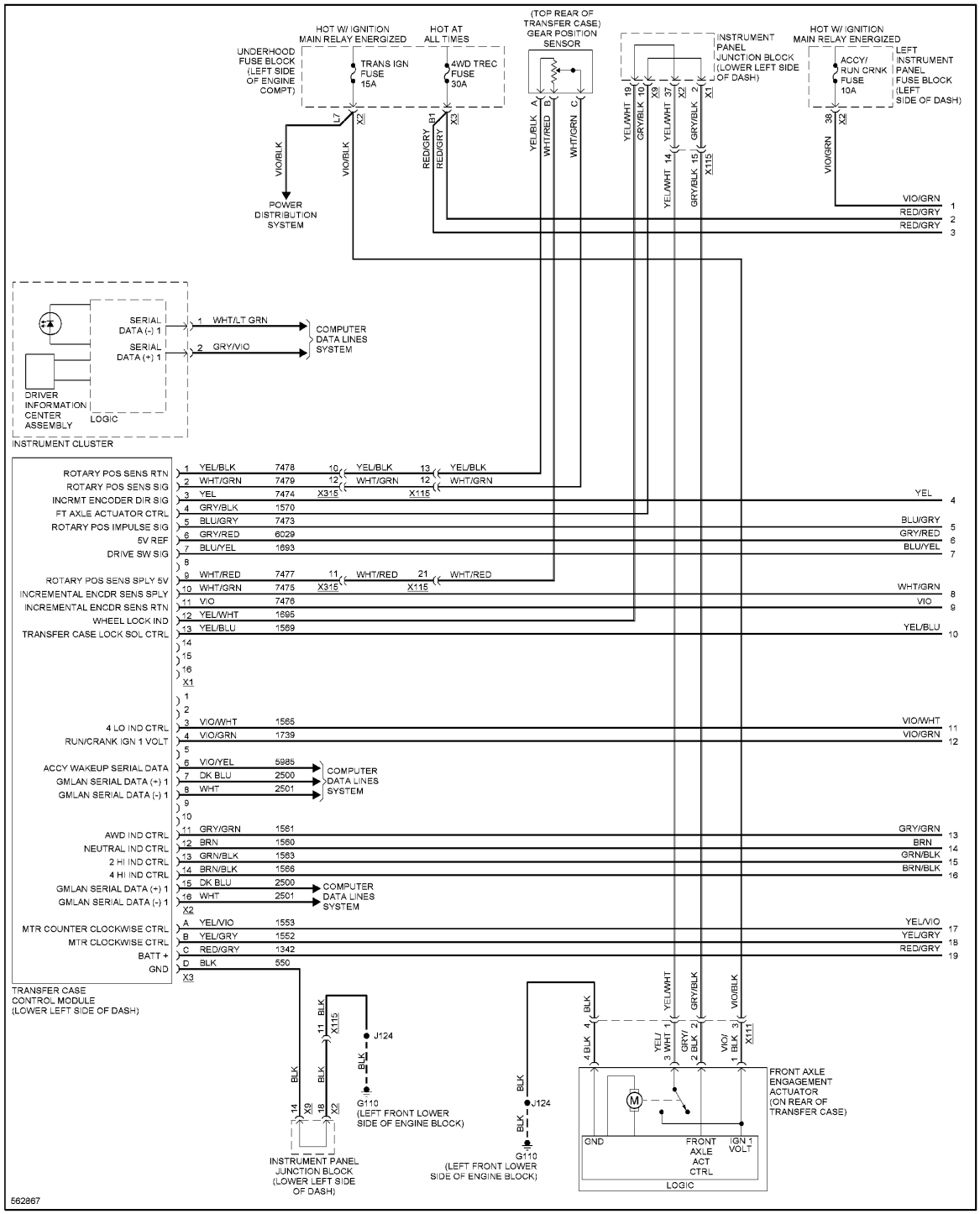

Fig. 150: Transfer Case Circuit, 2-Speed W/ Push Button Control (1 of 2)

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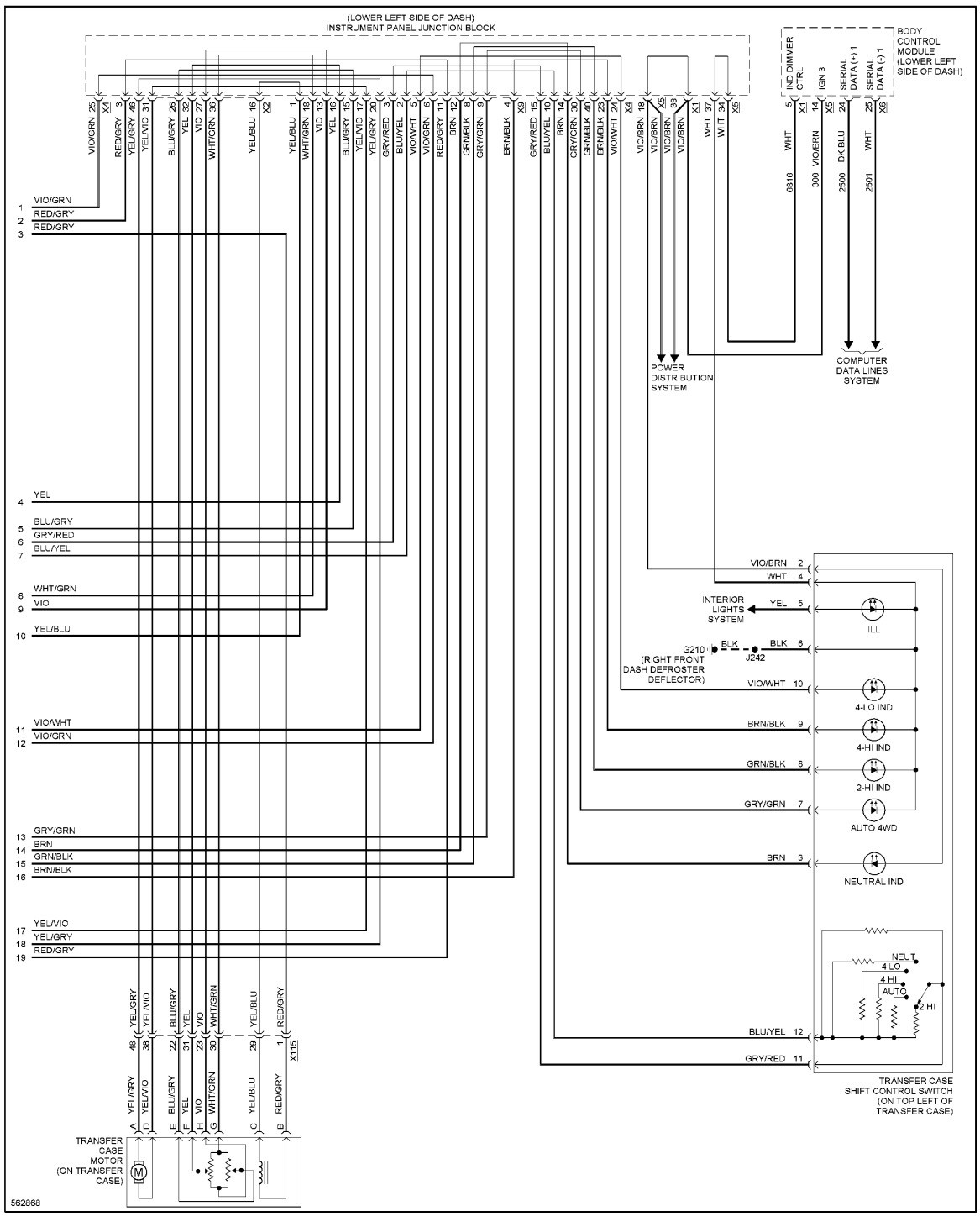

Fig. 151: Transfer Case Circuit, 2-Speed W/ Push Button Control (2 of 2)

TRUNK, TAILGATE, FUEL DOOR

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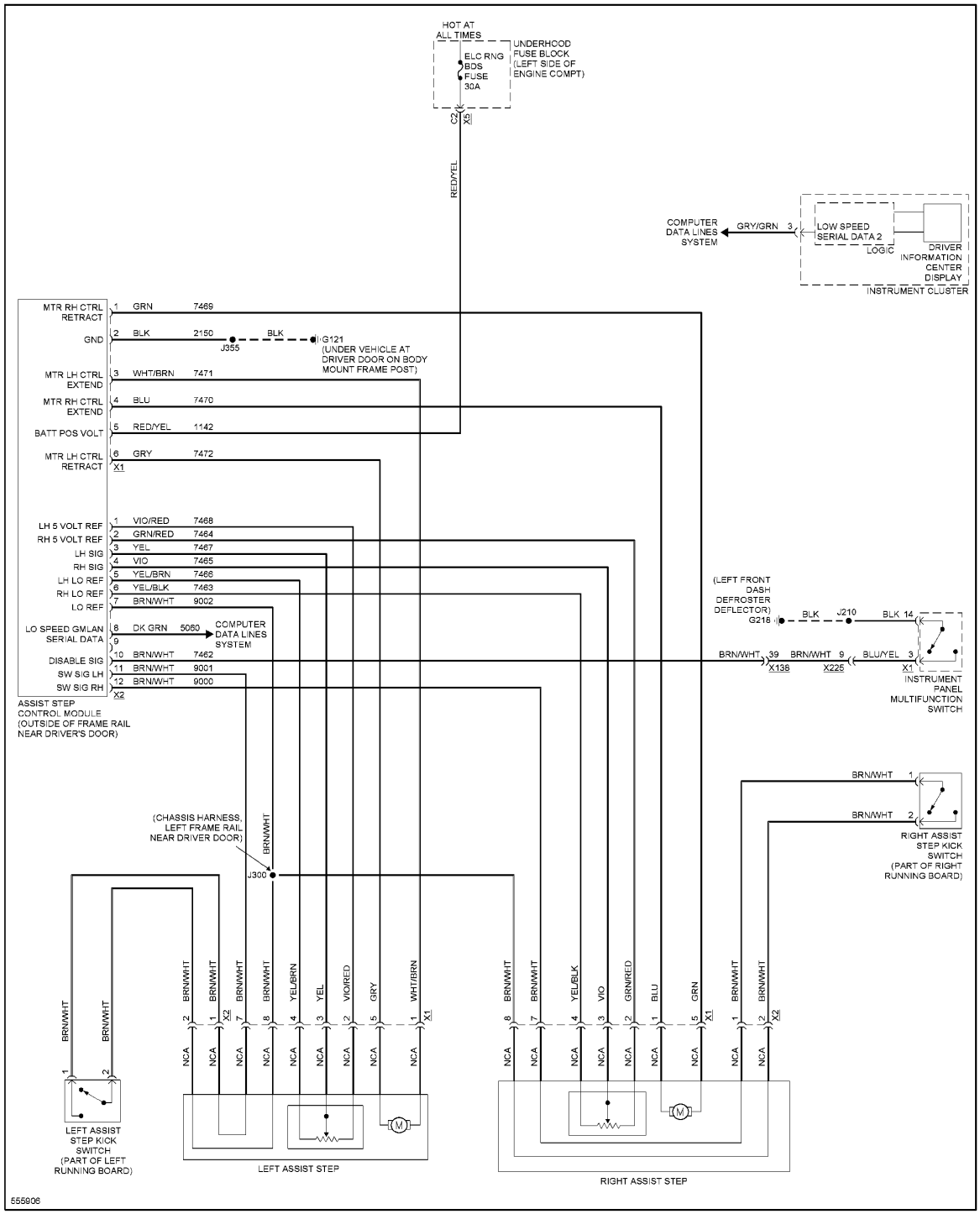

Fig. 152: Retractable Running Boards Circuit

WARNING SYSTEMS

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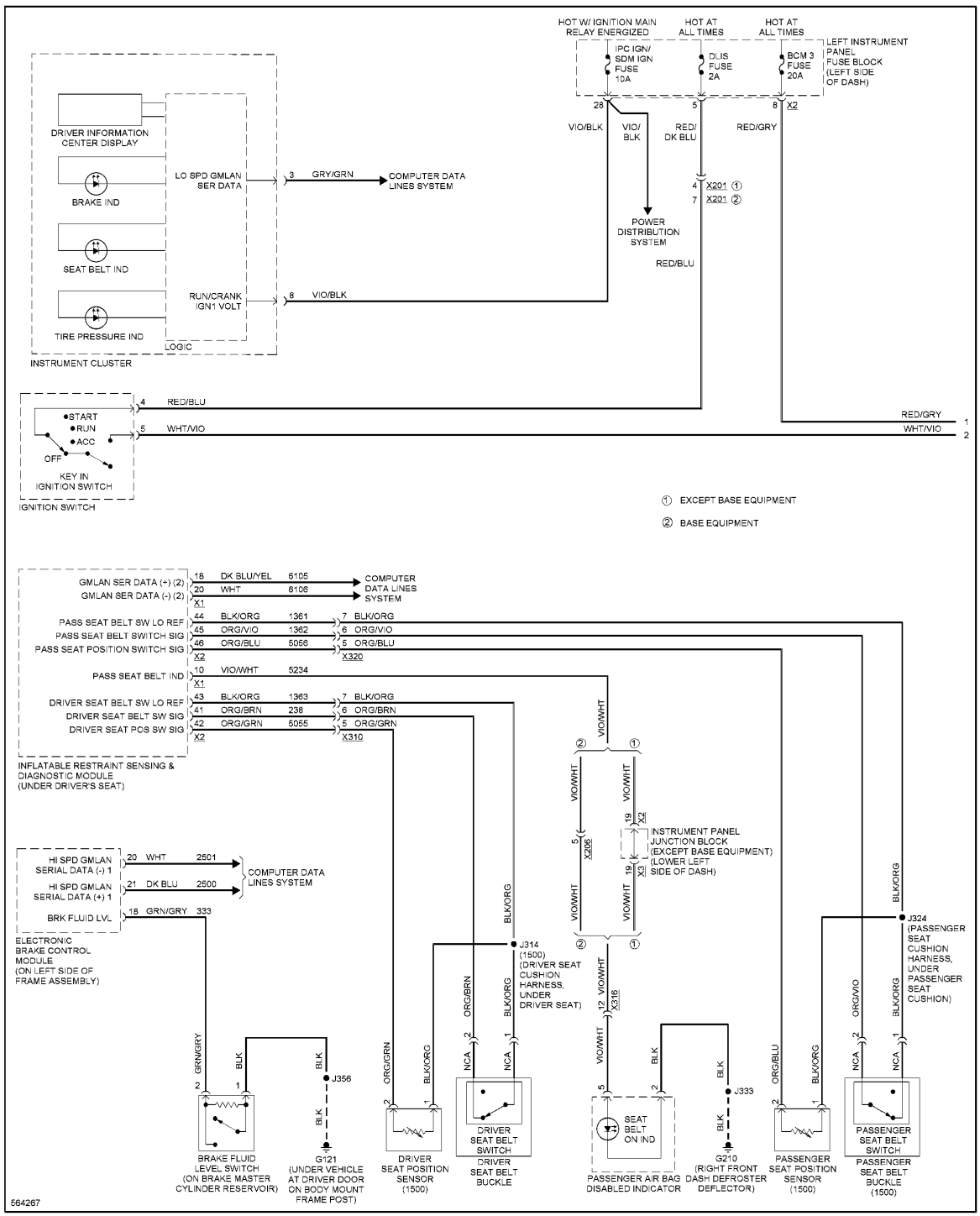

Fig. 153: Warning Systems Circuit (1 of 2)

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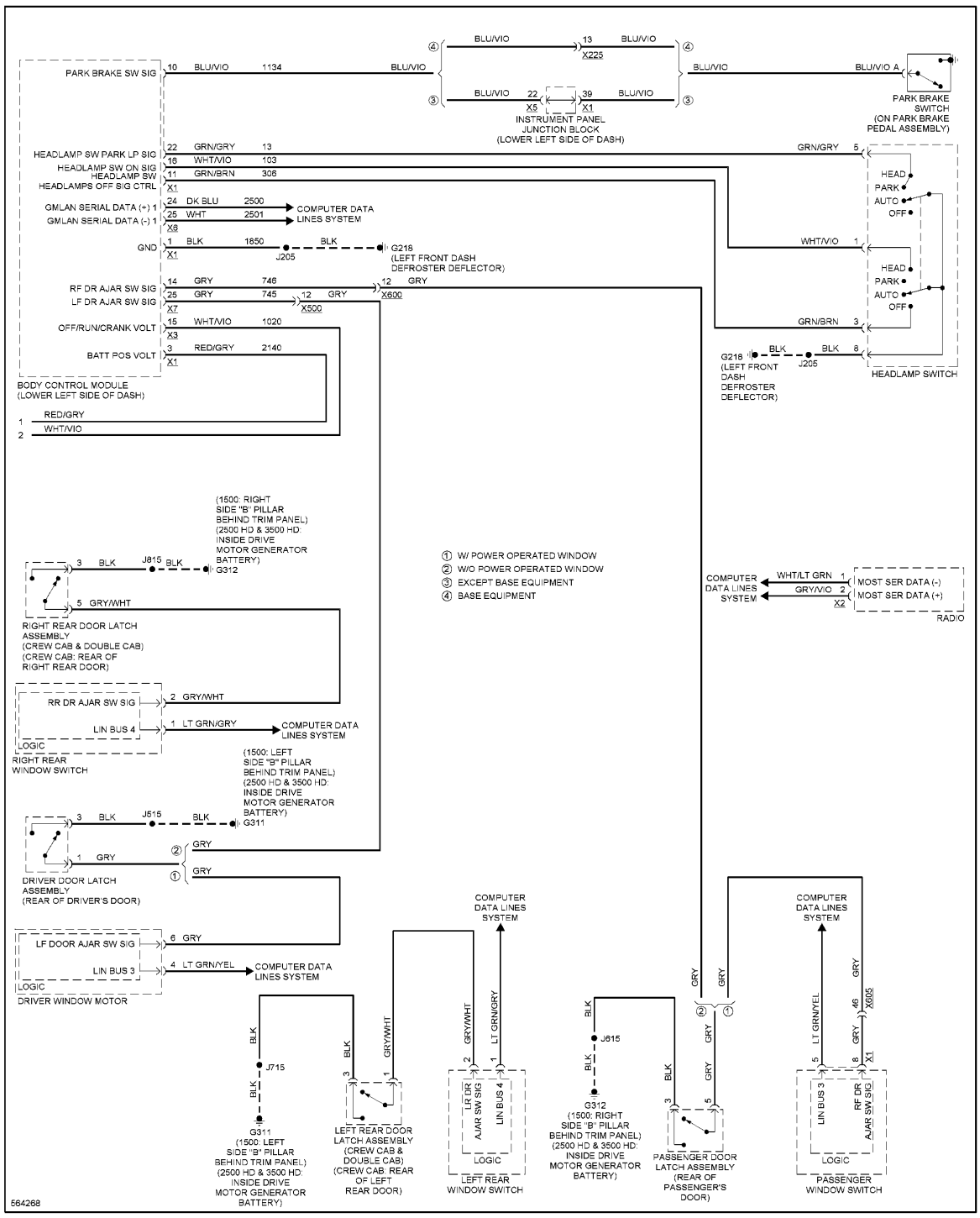

Fig. 154: Warning Systems Circuit (2 of 2)

WIPER/WASHER

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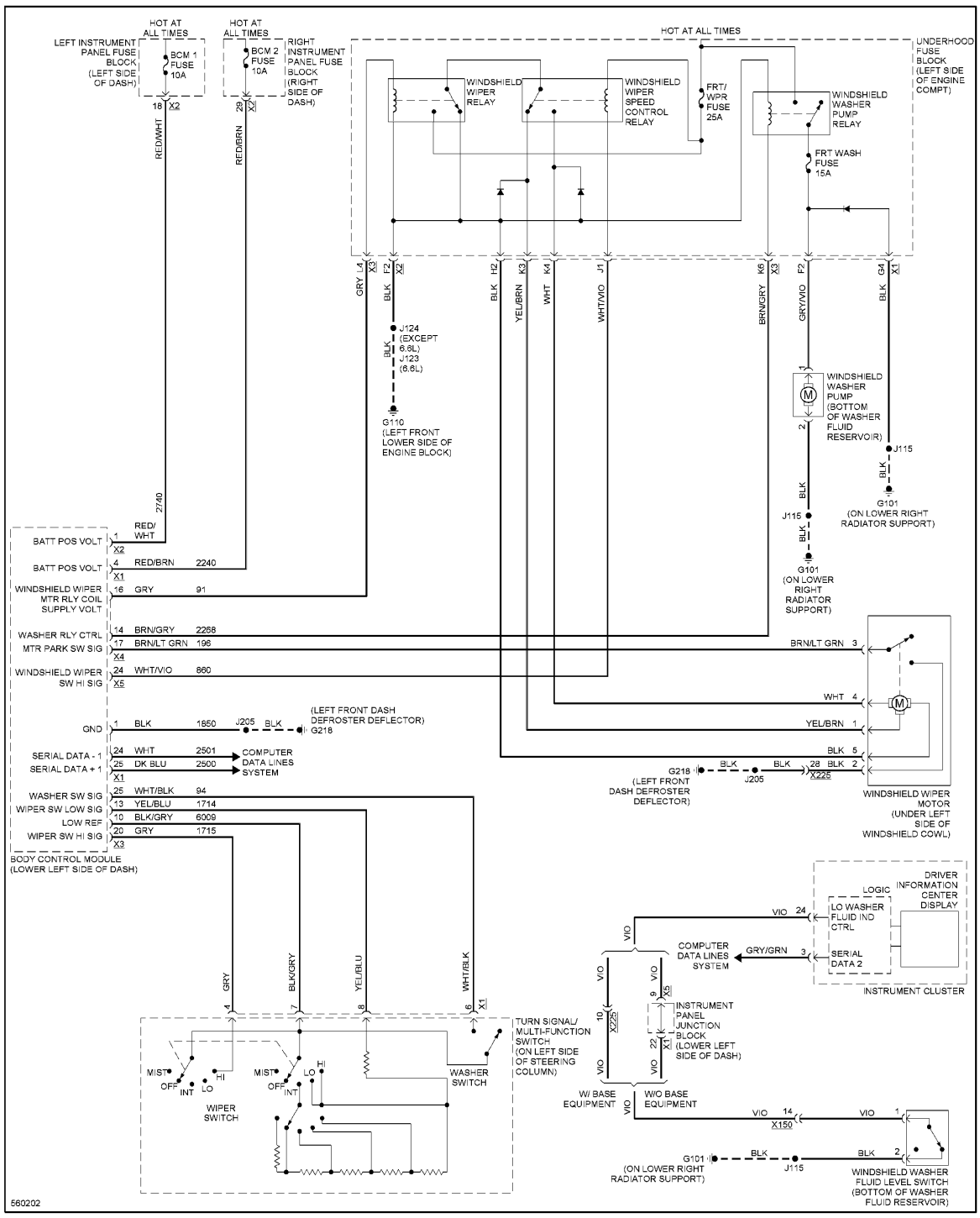

Fig. 155: Wiper/Washer Circuit

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