

2011 SYSTEM WIRING DIAGRAMS

BMW - X3

USING MITCHELL1'S WIRING DIAGRAMS

For information on using these wiring diagrams, see [USING MITCHELL1'S SYSTEM WIRING DIAGRAMS](#) article.

ACTIVE BODYWORKS

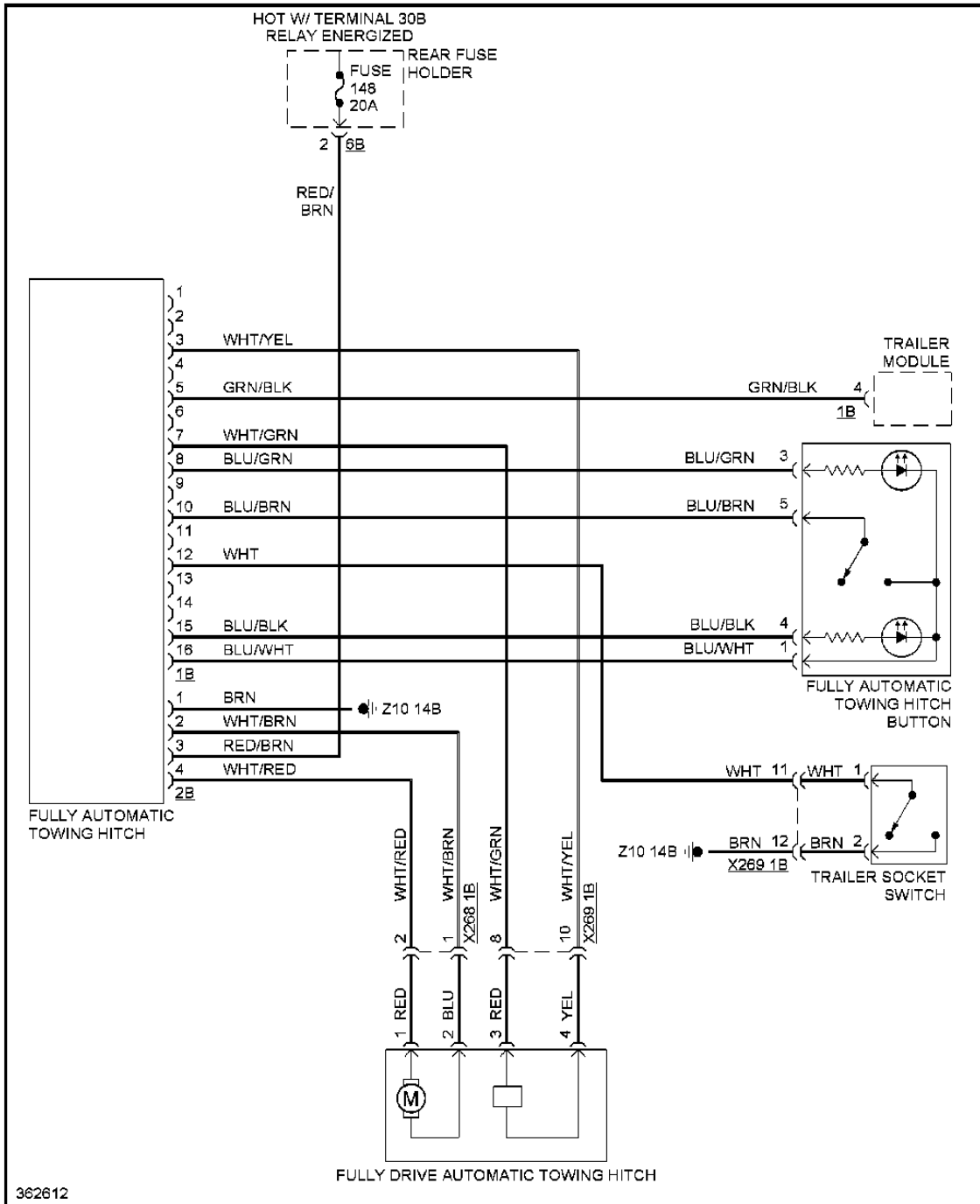


Fig. 1: Active Bodyworks Circuit

AIR CONDITIONING

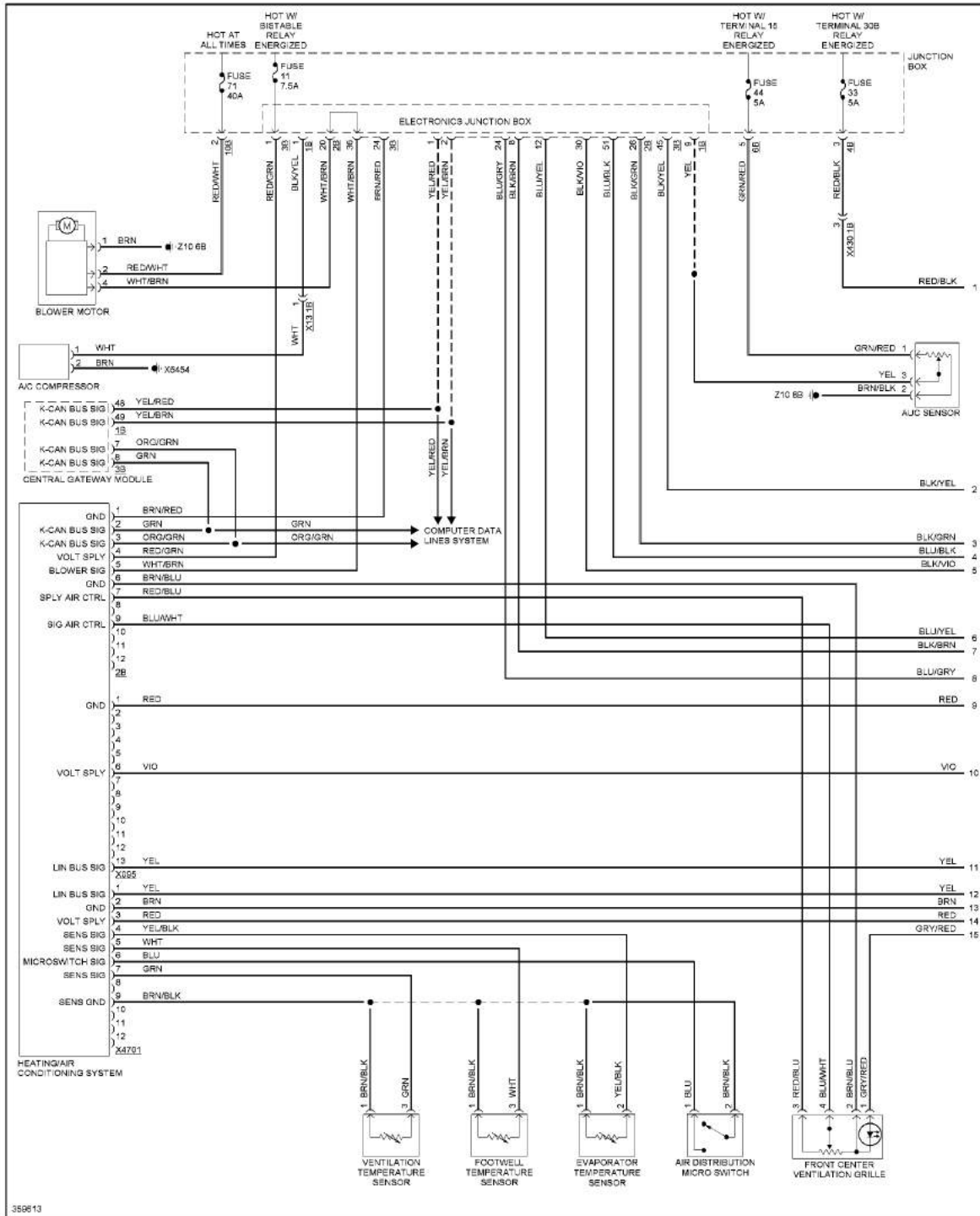


Fig. 2: Automatic A/C Circuit (1 of 3)

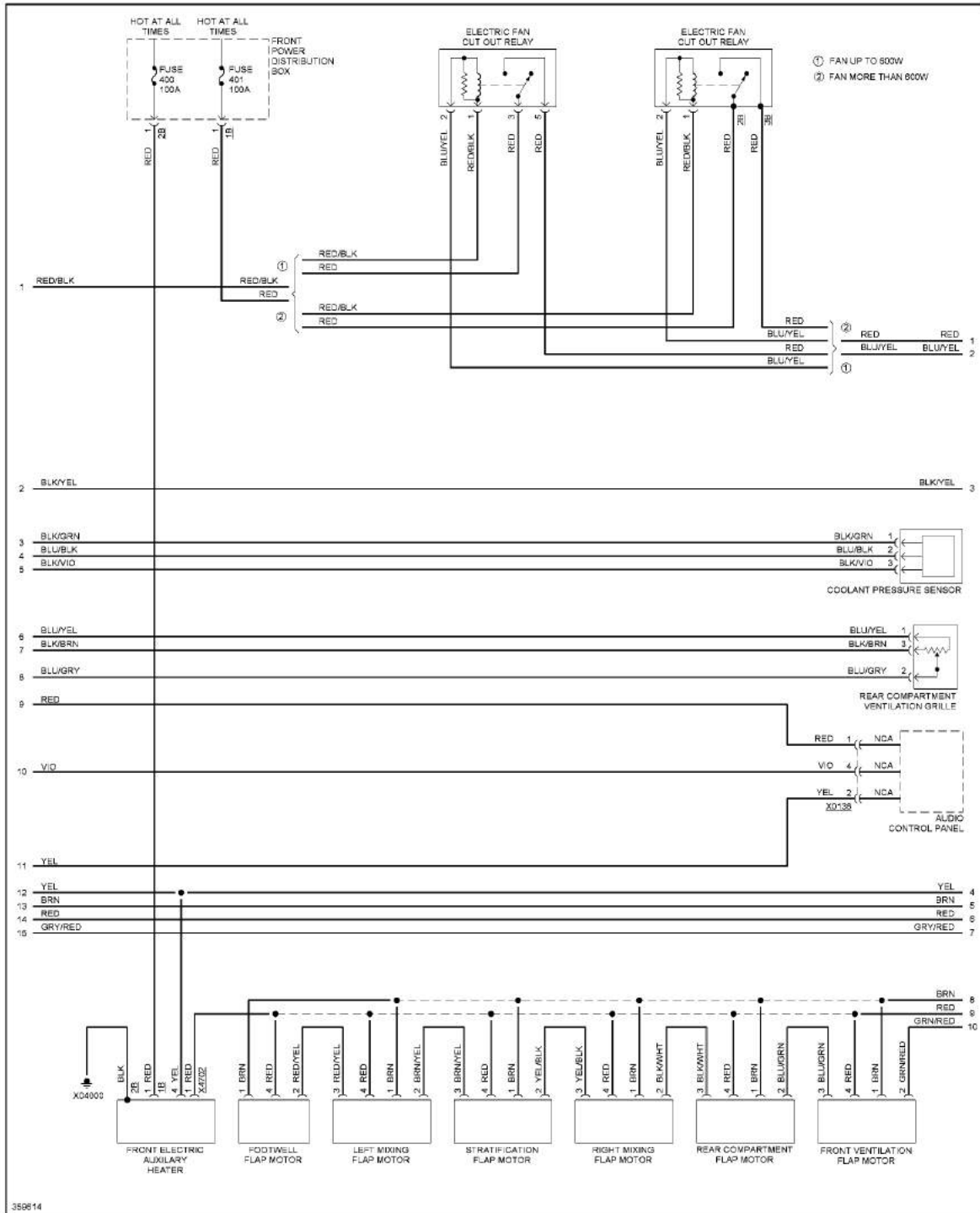


Fig. 3: Automatic A/C Circuit (2 of 3)

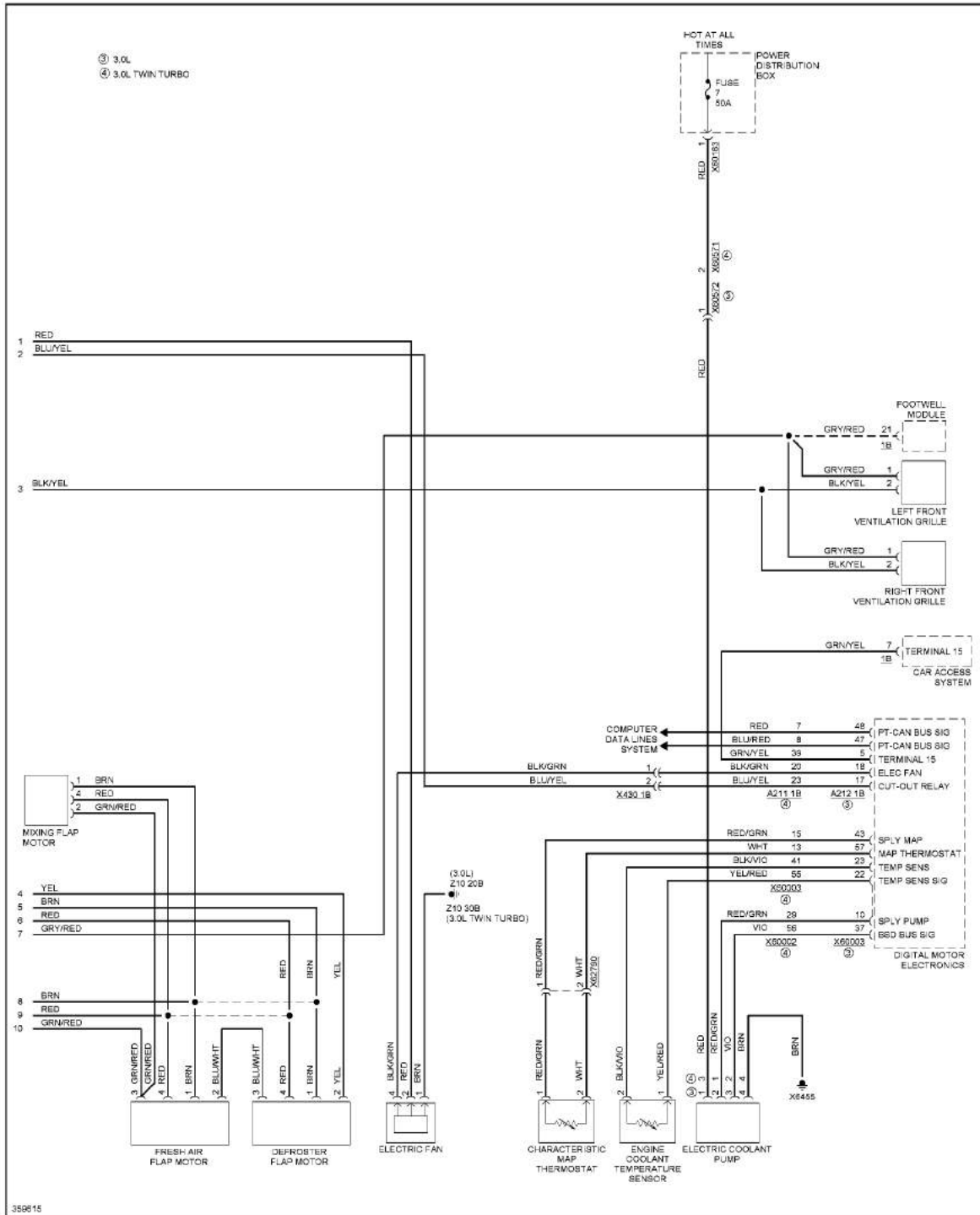


Fig. 4: Automatic A/C Circuit (3 of 3)

ANTI-LOCK BRAKES

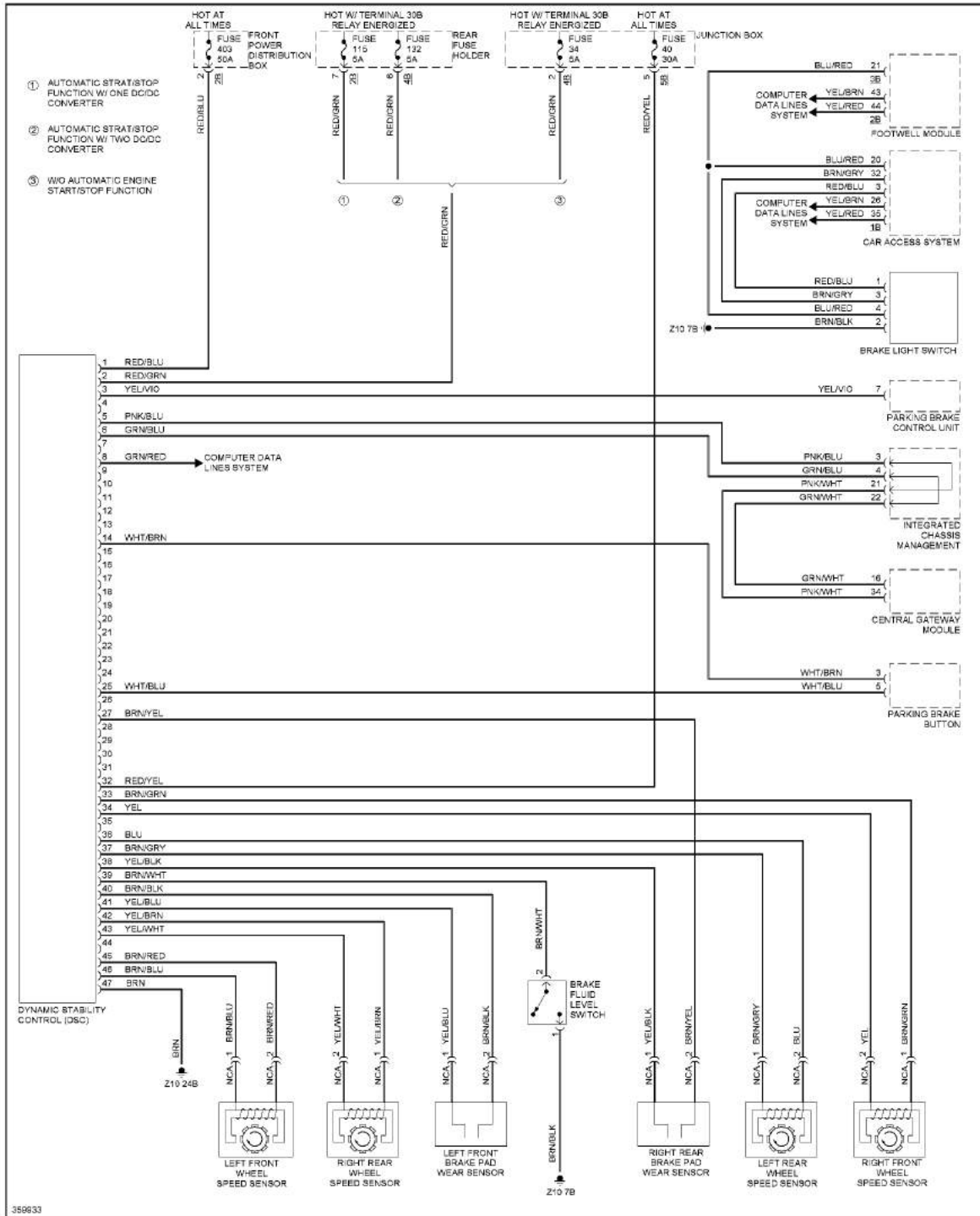


Fig. 5: Anti-lock Brakes Circuit

ANTI-THEFT

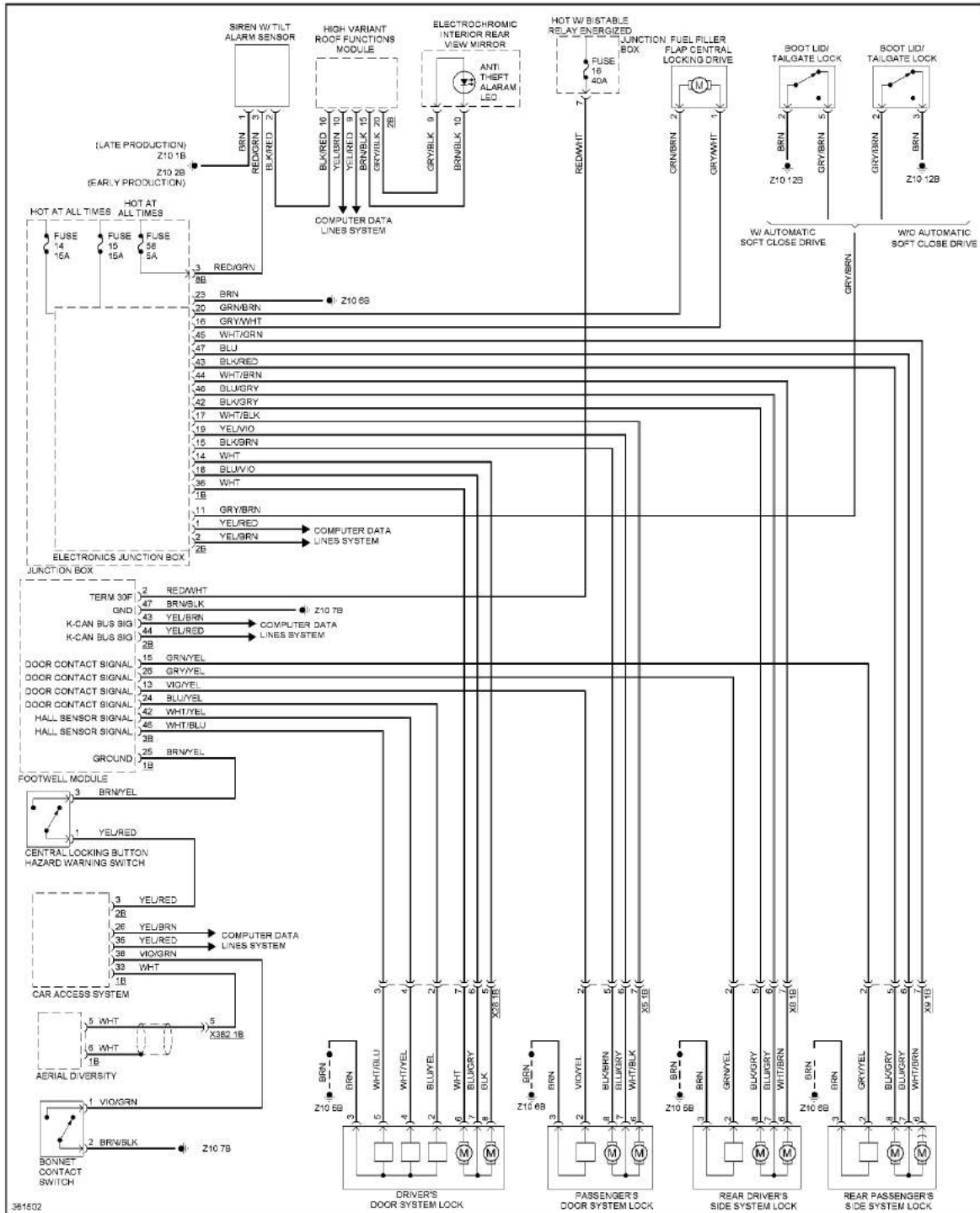


Fig. 6: Anti-theft & Central Locking Circuit

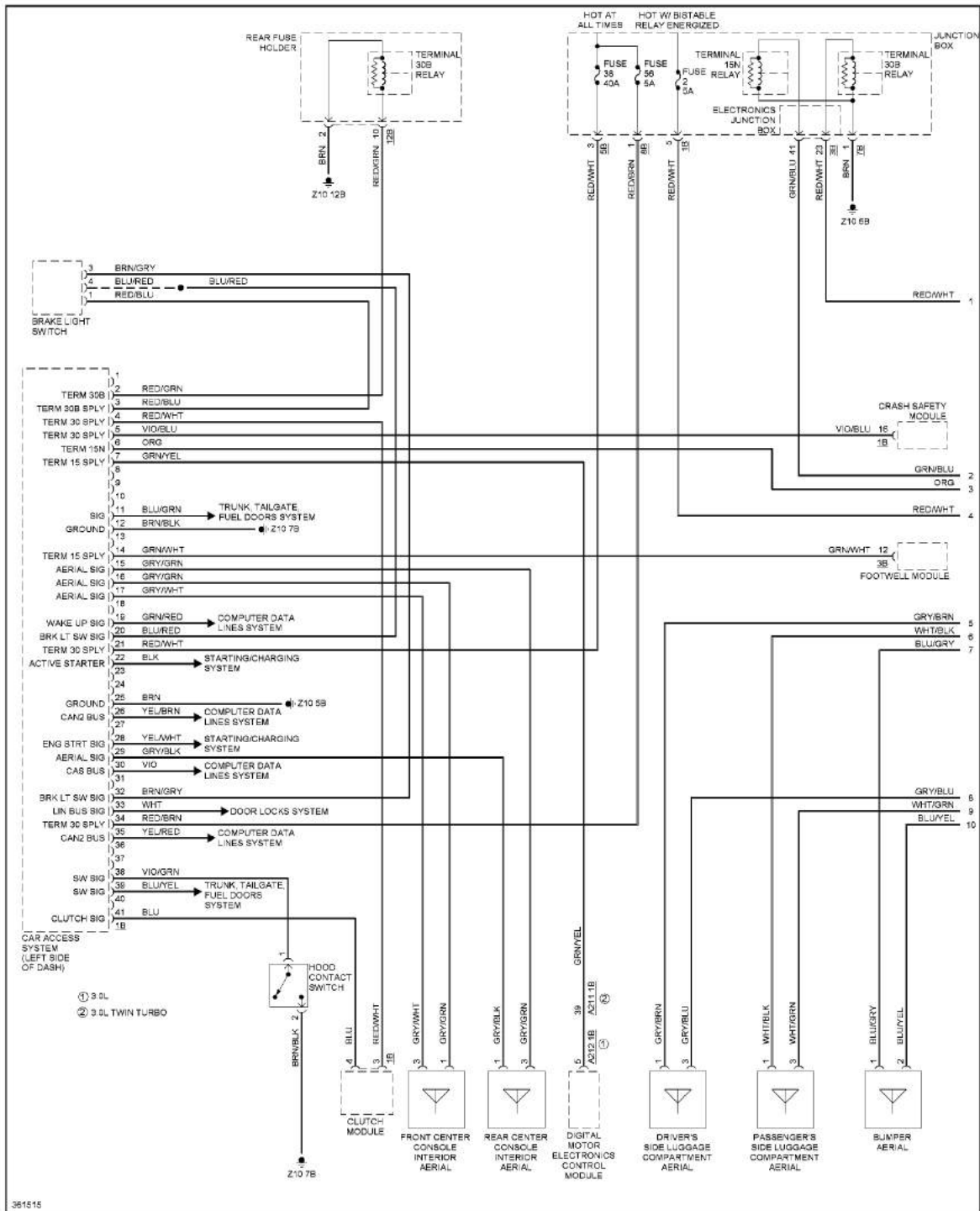


Fig. 7: Anti-theft Circuit (1 of 2)

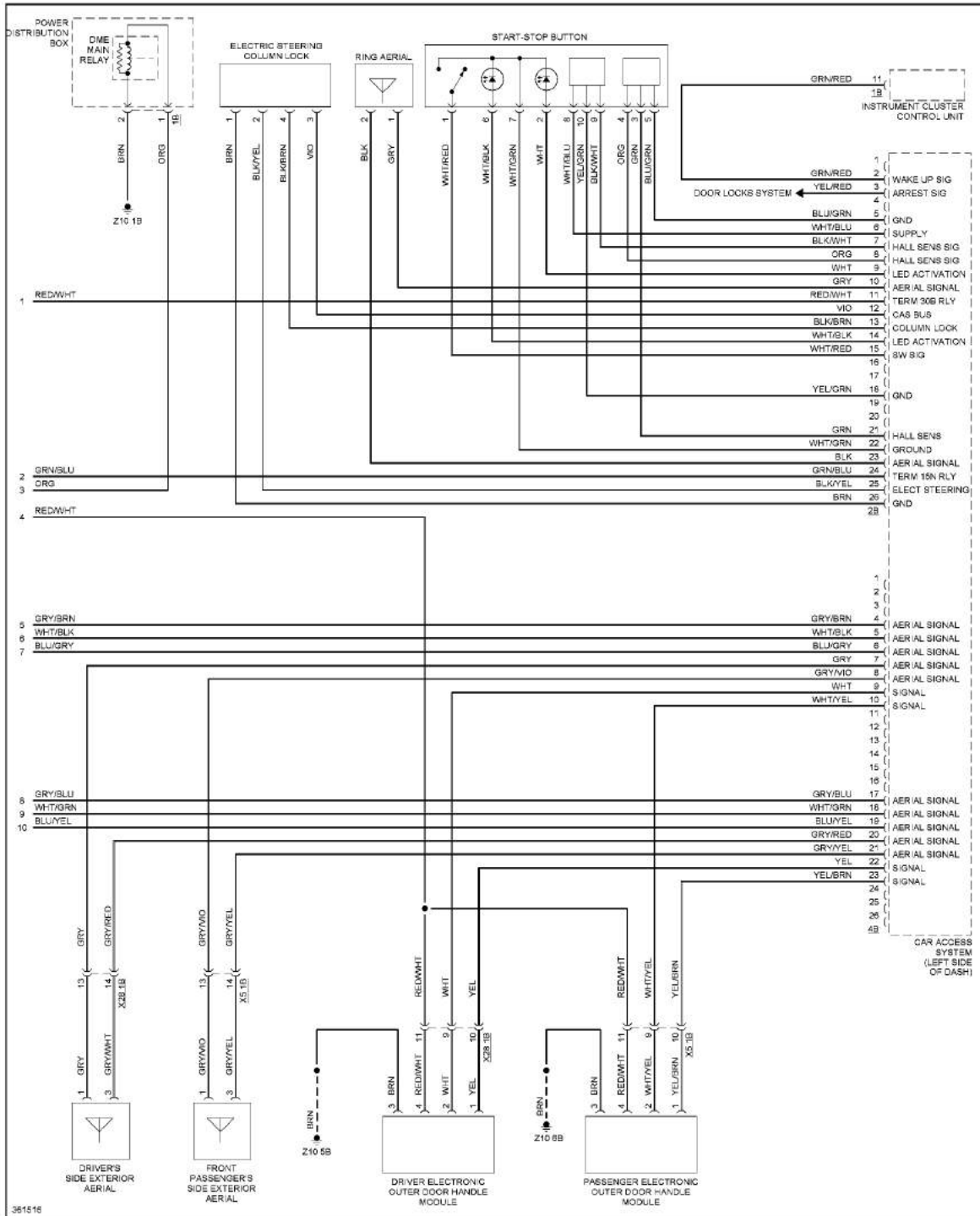


Fig. 8: Anti-theft Circuit (2 of 2)

BODY CONTROL MODULES

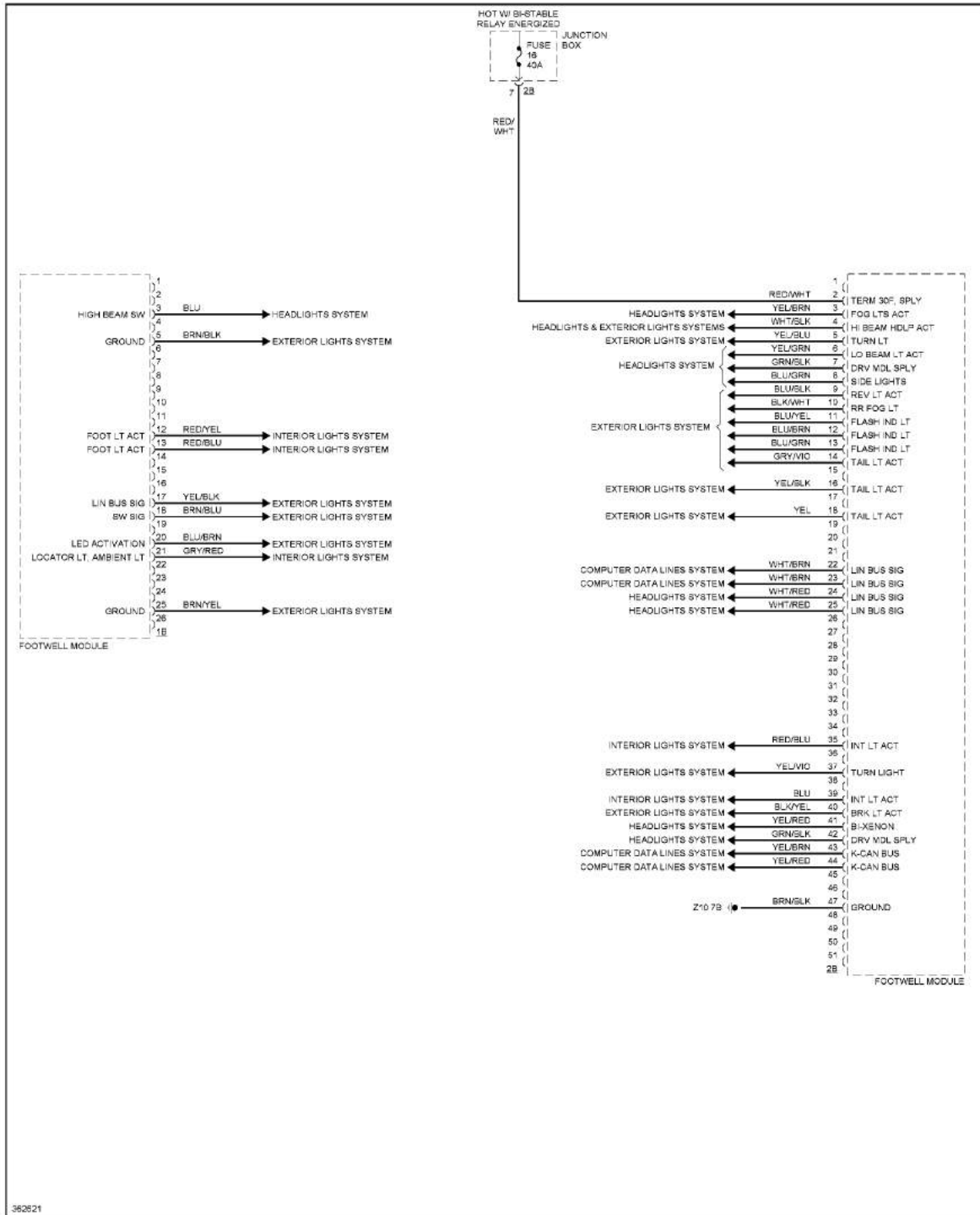


Fig. 9: Body Control Modules Circuit (1 of 2)

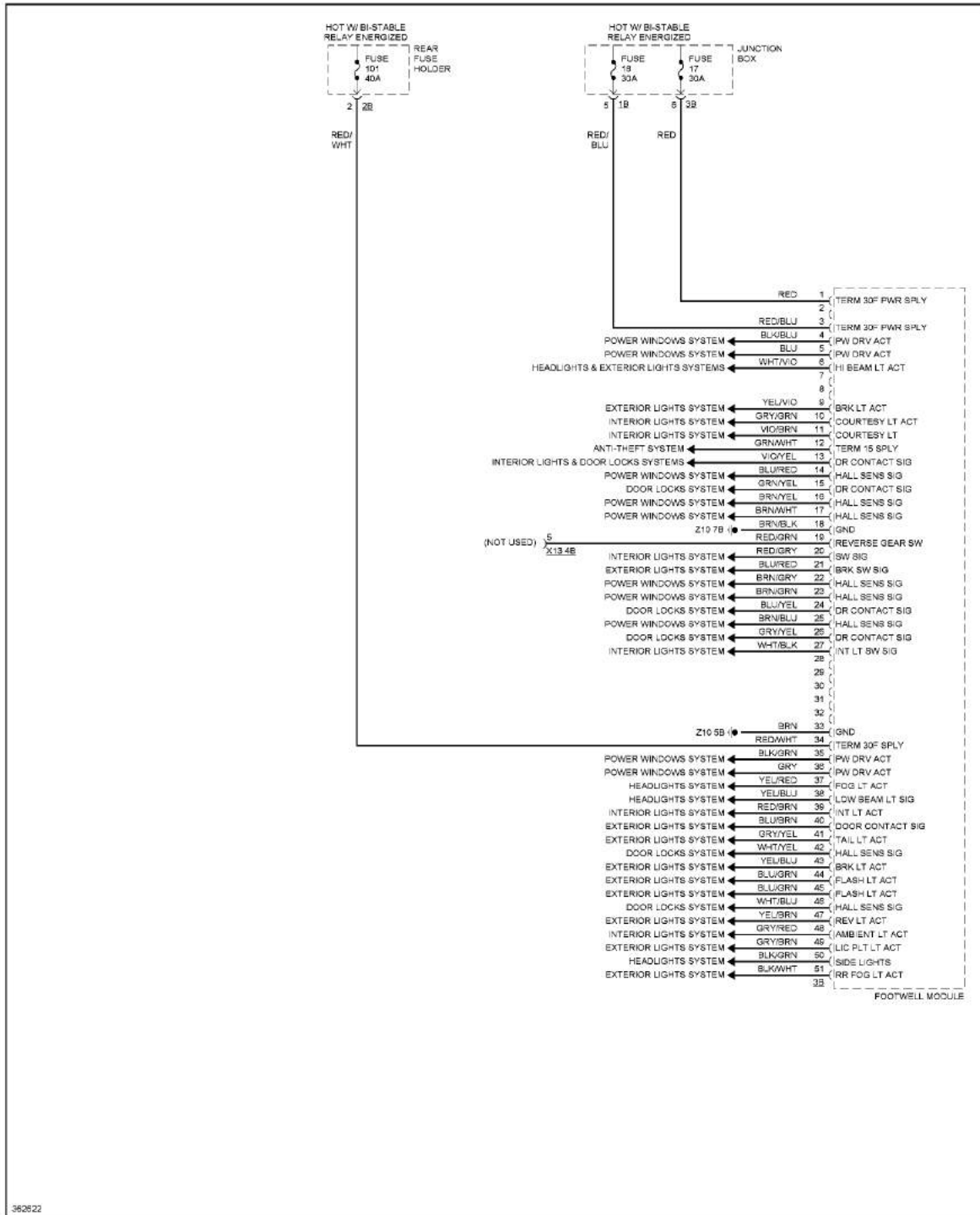


Fig. 10: Body Control Modules Circuit (2 of 2)

COMPUTER DATA LINES

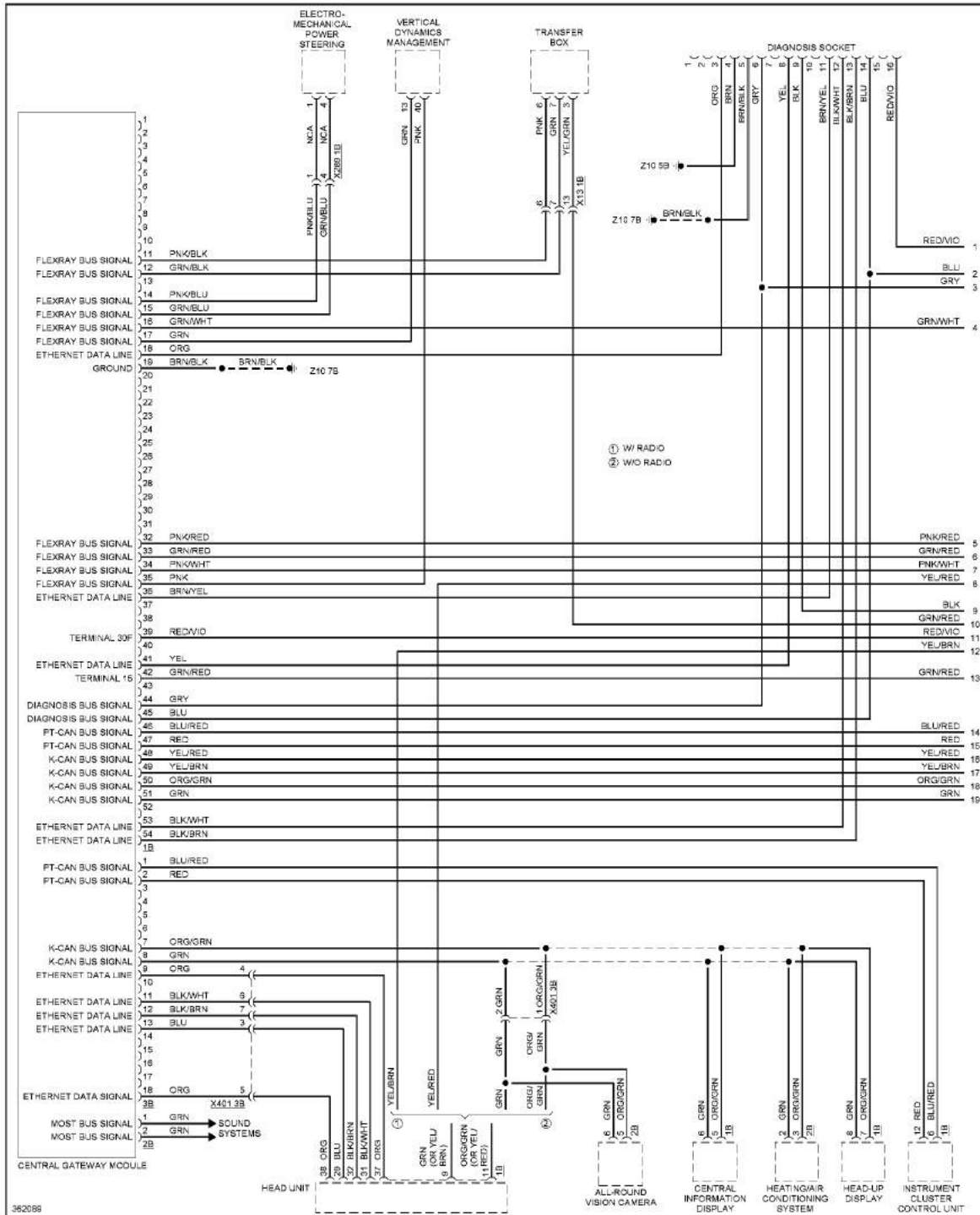


Fig. 11: Computer Data Lines Circuit (1 of 3)

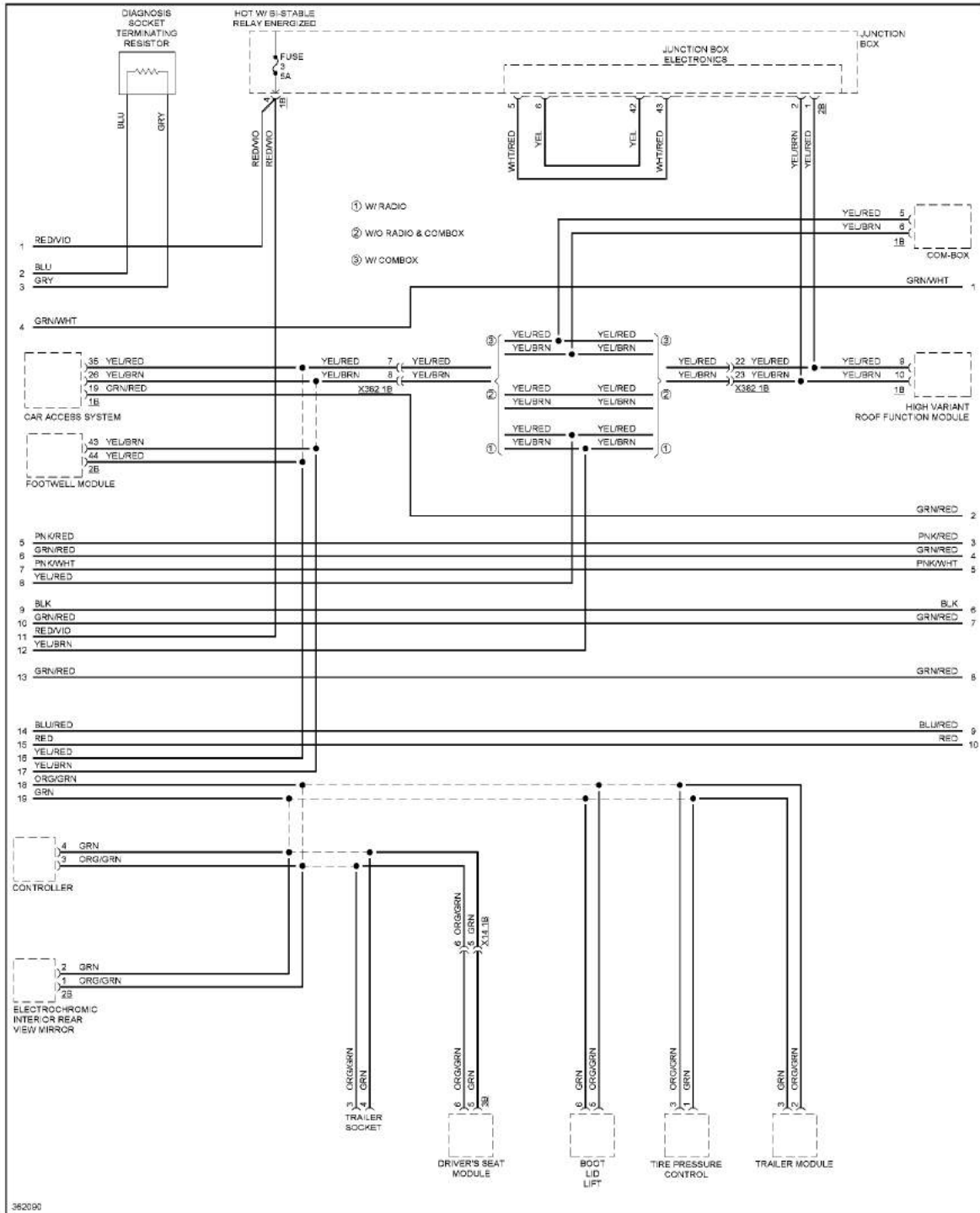


Fig. 12: Computer Data Lines Circuit (2 of 3)

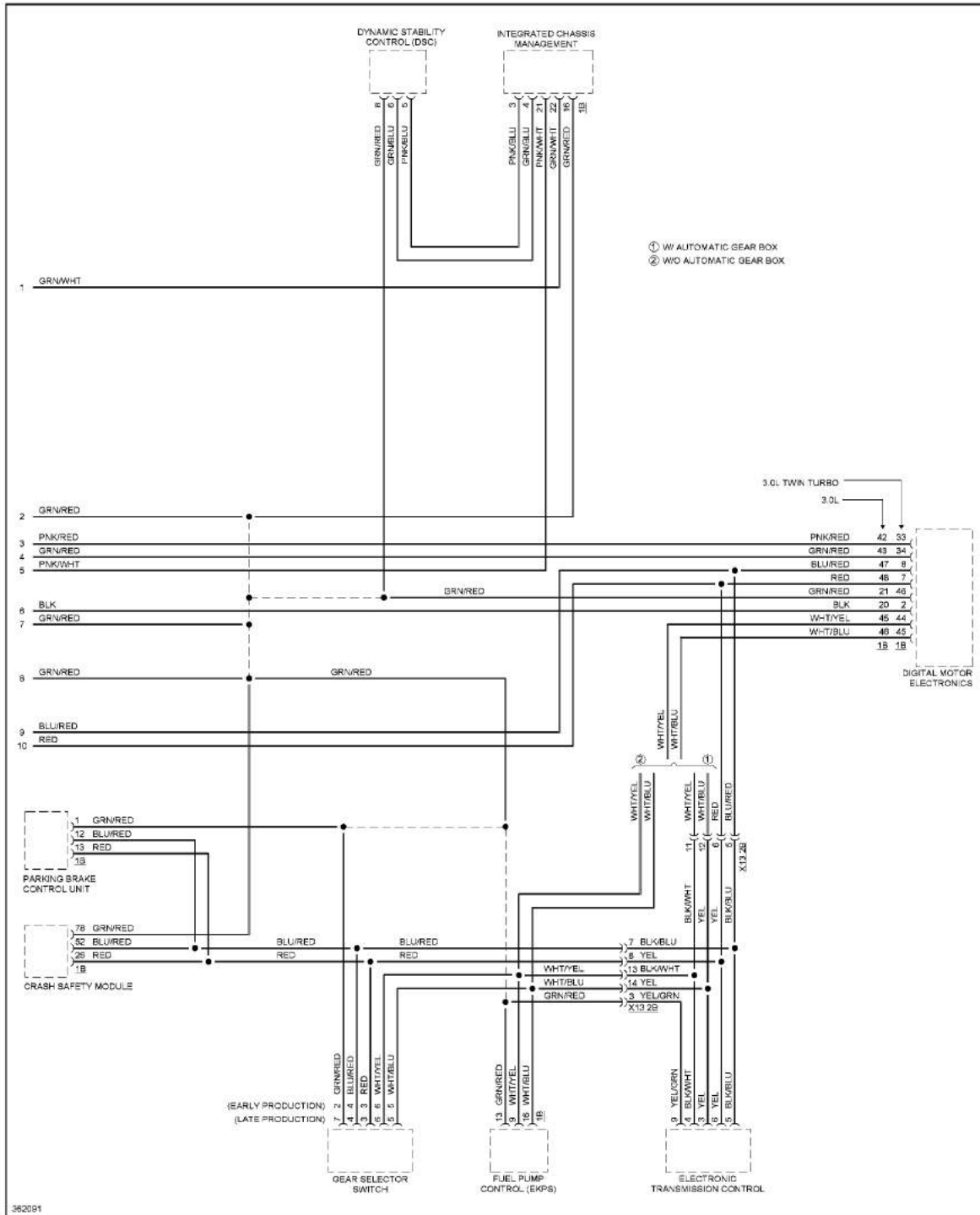


Fig. 13: Computer Data Lines Circuit (3 of 3)

COOLING FAN

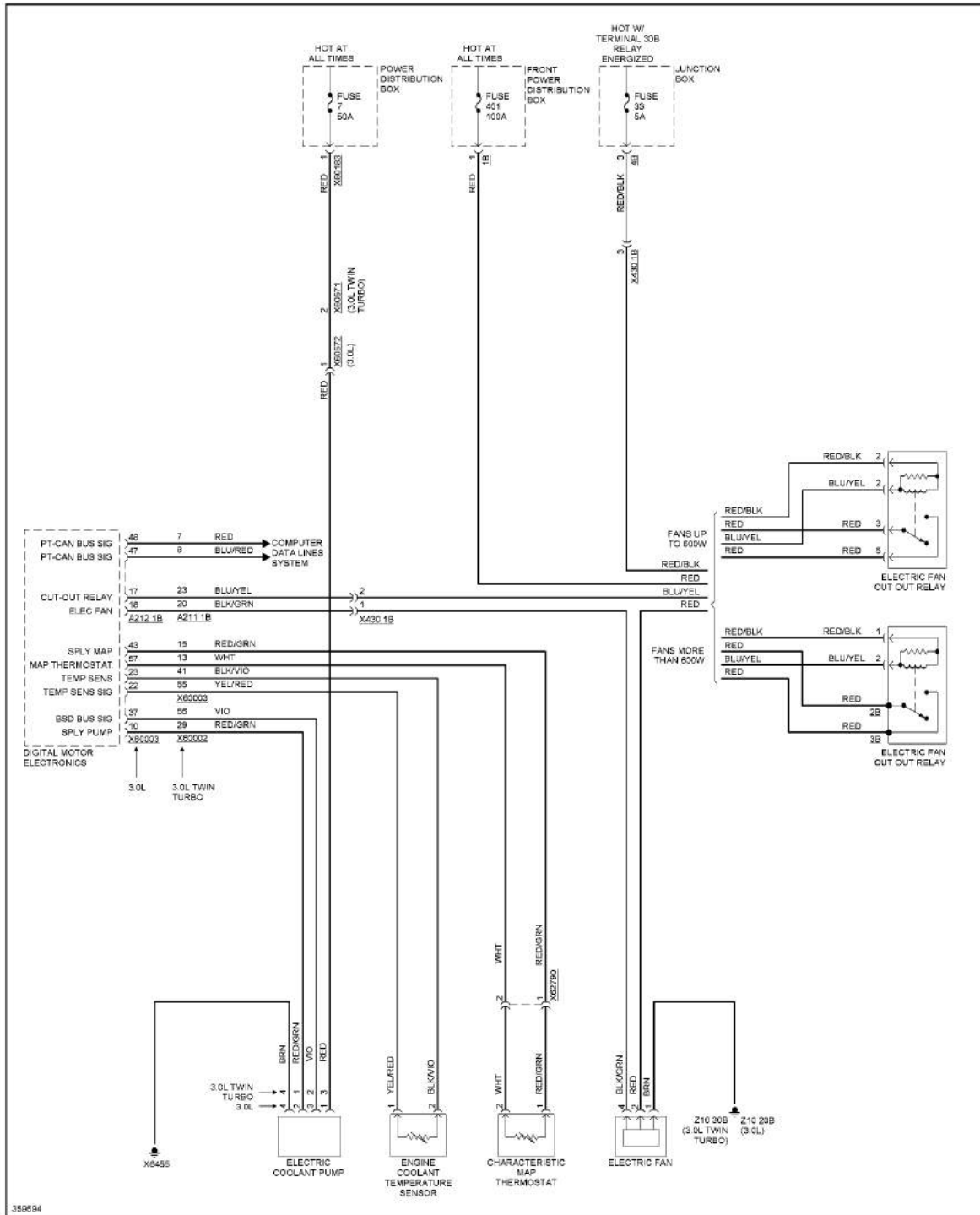


Fig. 14: Cooling Fan Circuit

CRUISE CONTROL

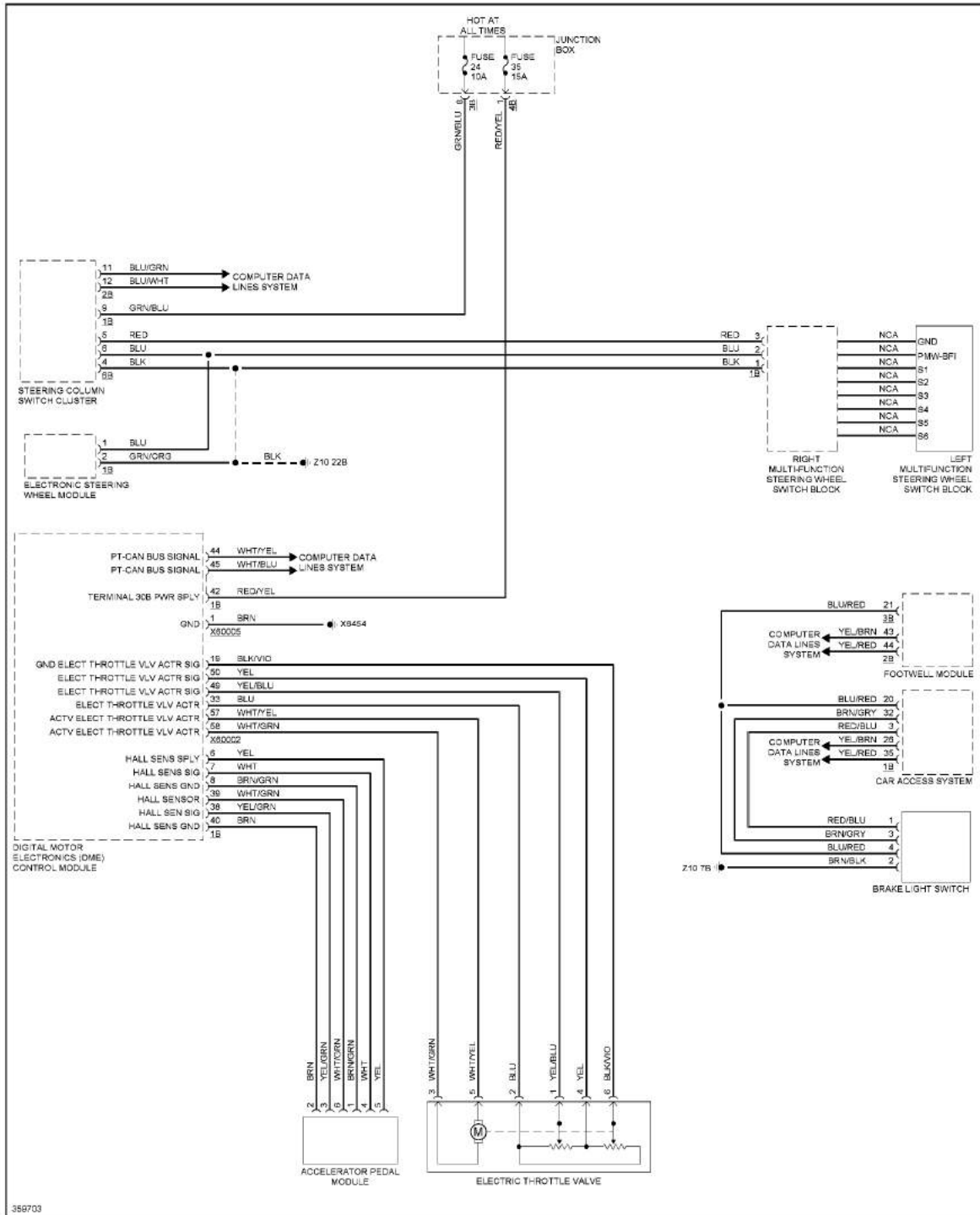


Fig. 15: Cruise Control Circuit

DEFOGGERS

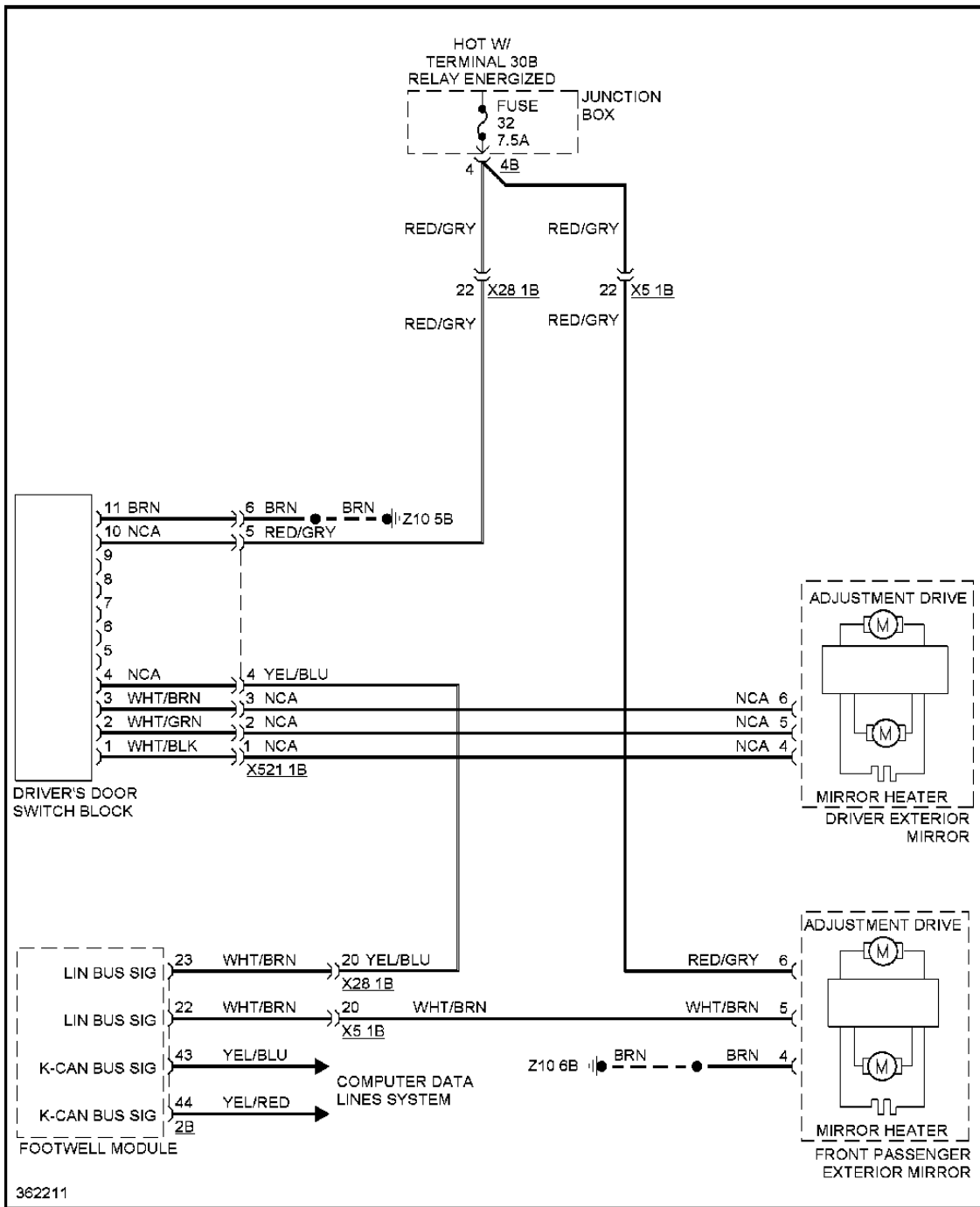


Fig. 16: Heated Mirrors Circuit, W/ LIN bus Function

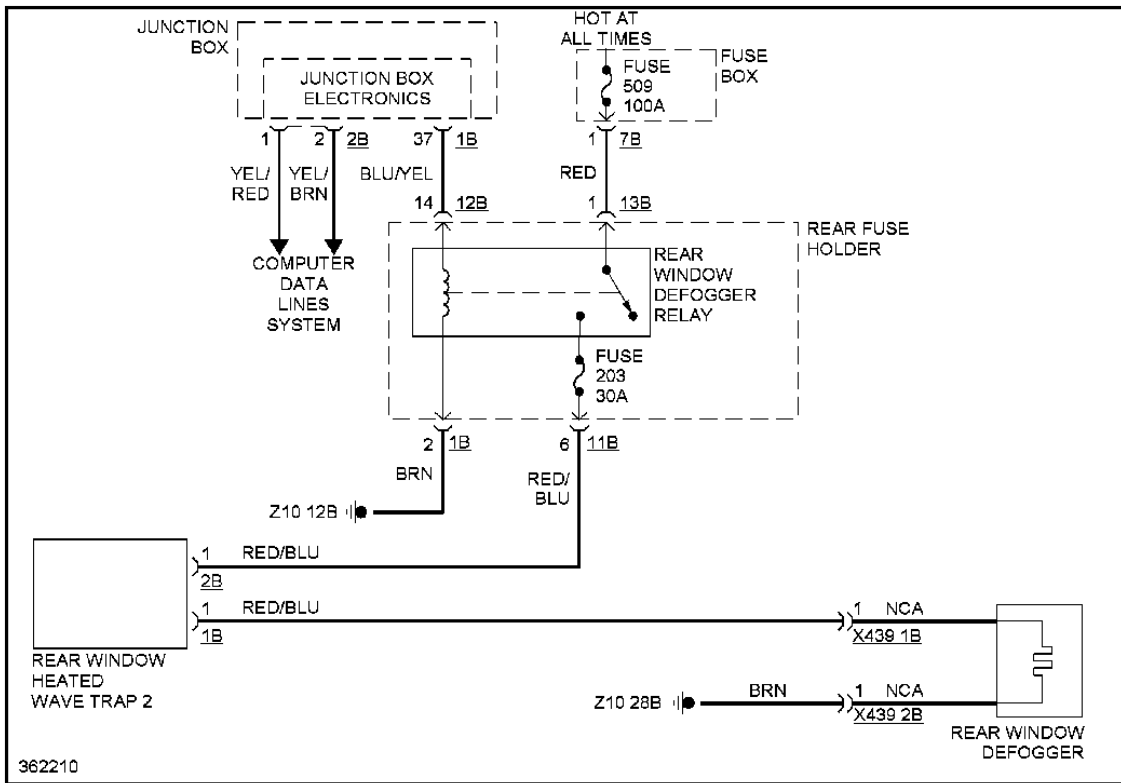


Fig. 18: Rear Defogger Circuit

ELECTRONIC POWER STEERING

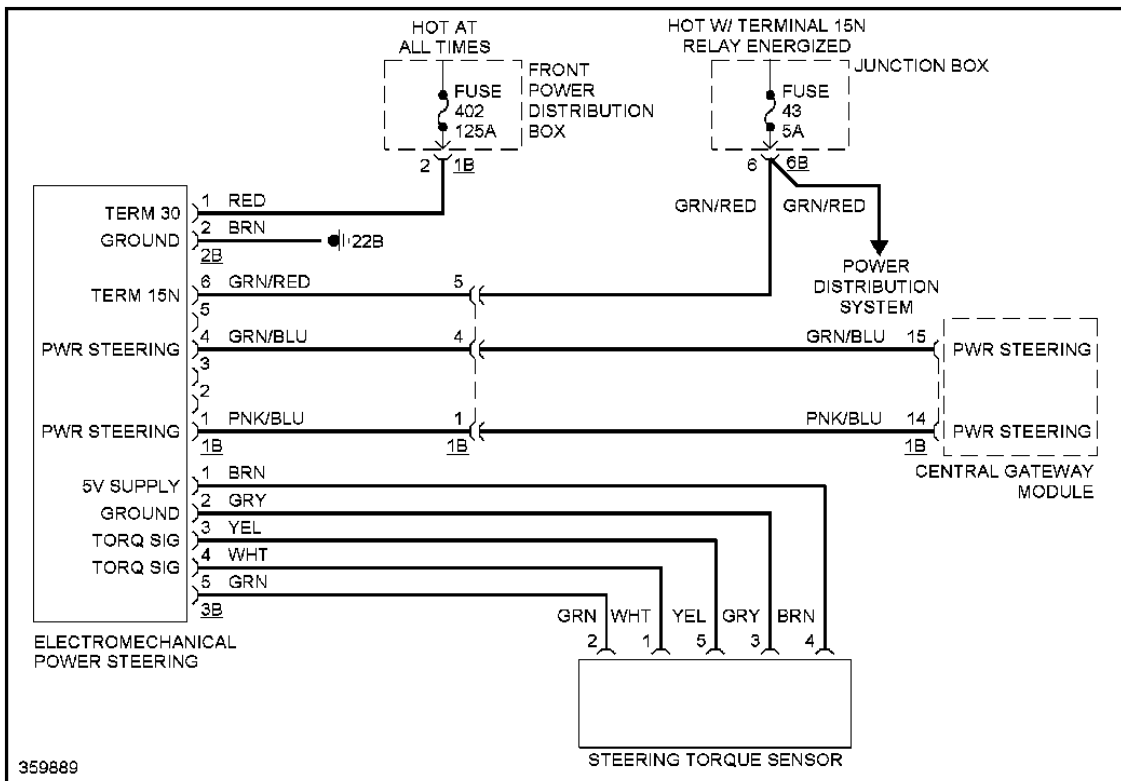


Fig. 19: Electronic Power Steering Circuit

ELECTRONIC SUSPENSION

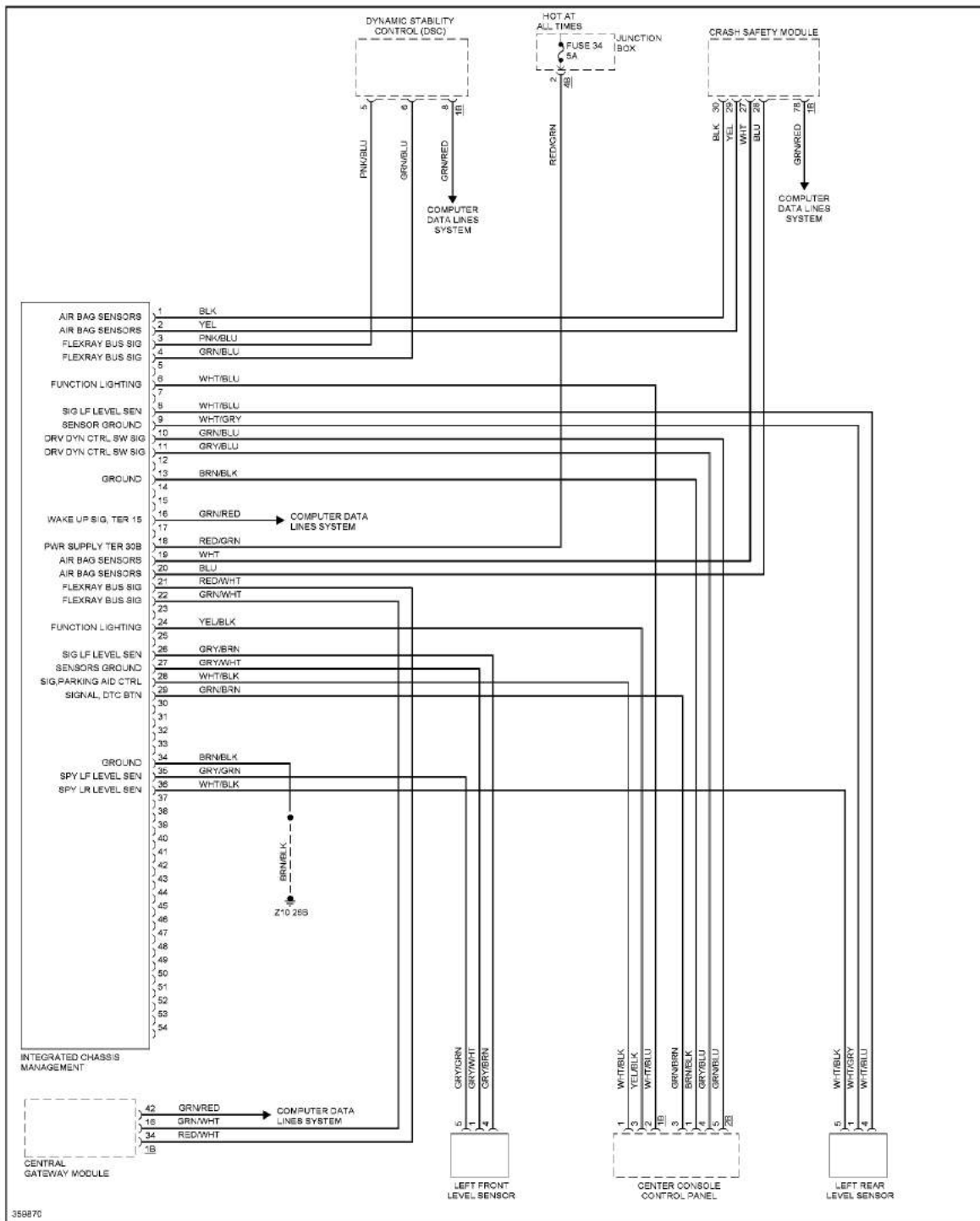


Fig. 20: Air Suspension Circuit

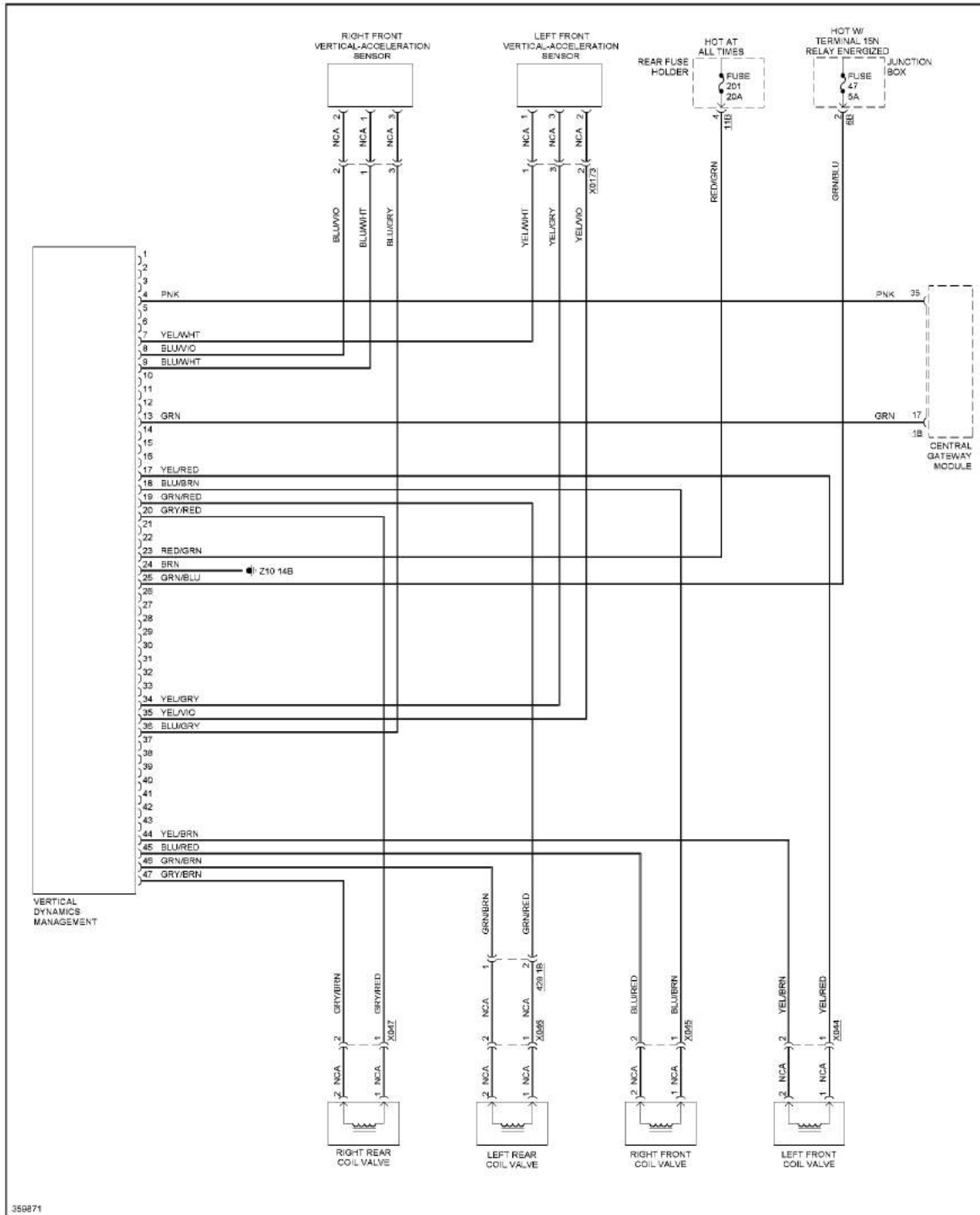


Fig. 21: Dynamic Drive Suspension Circuit

ENGINE PERFORMANCE

3.0L

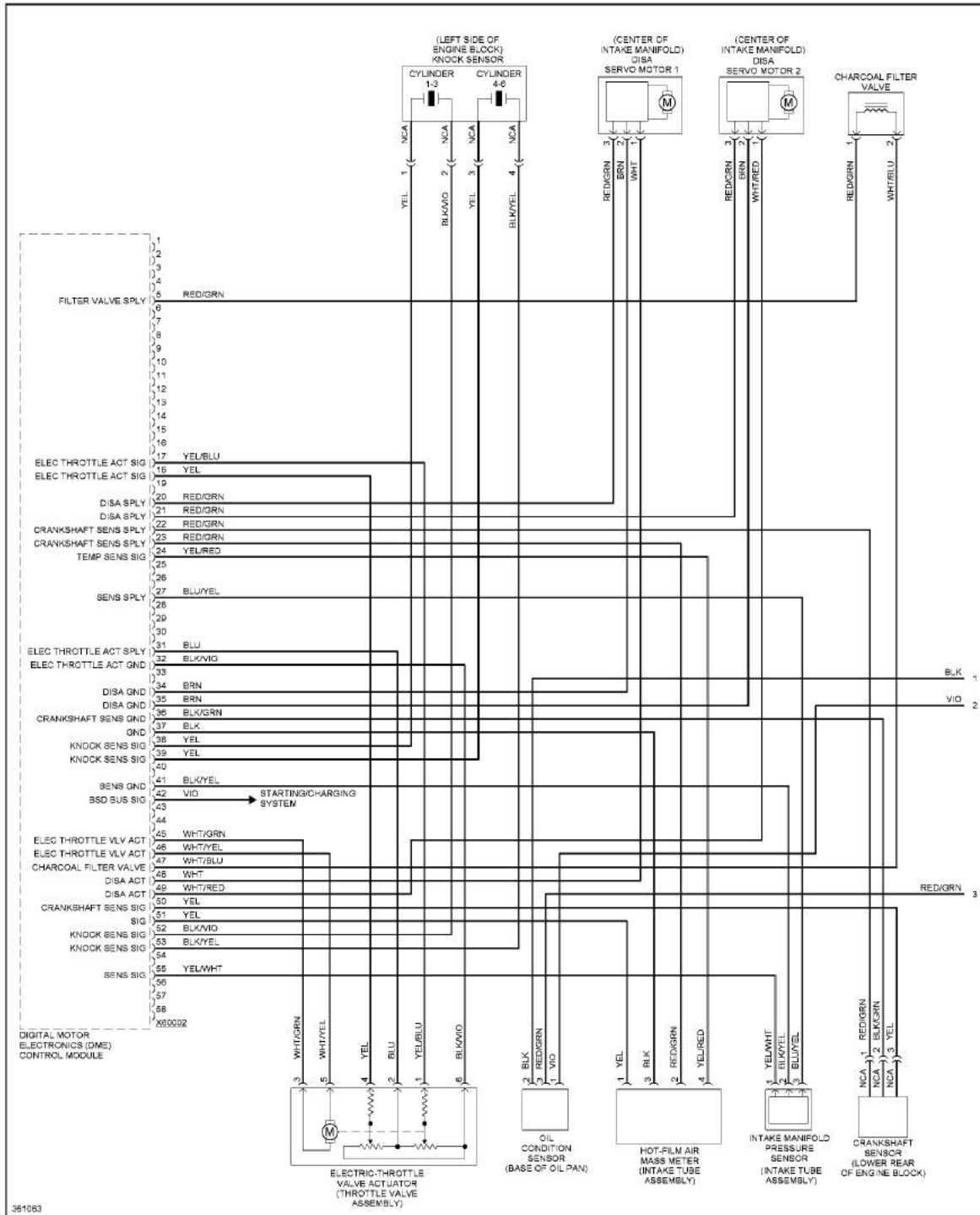


Fig. 22: 3.0L Engine Performance Circuit (1 of 5)

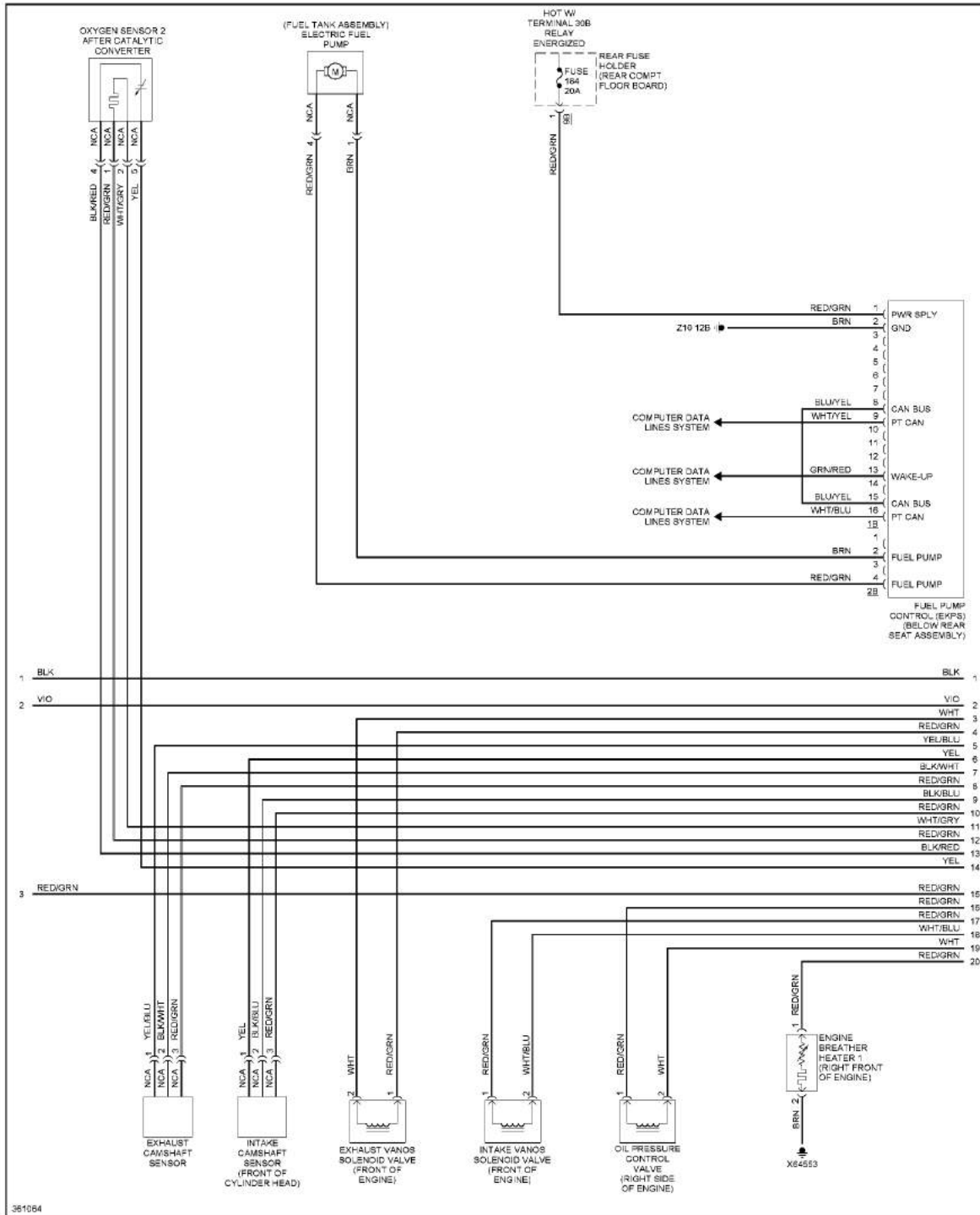


Fig. 23: 3.0L Engine Performance Circuit (2 of 5)

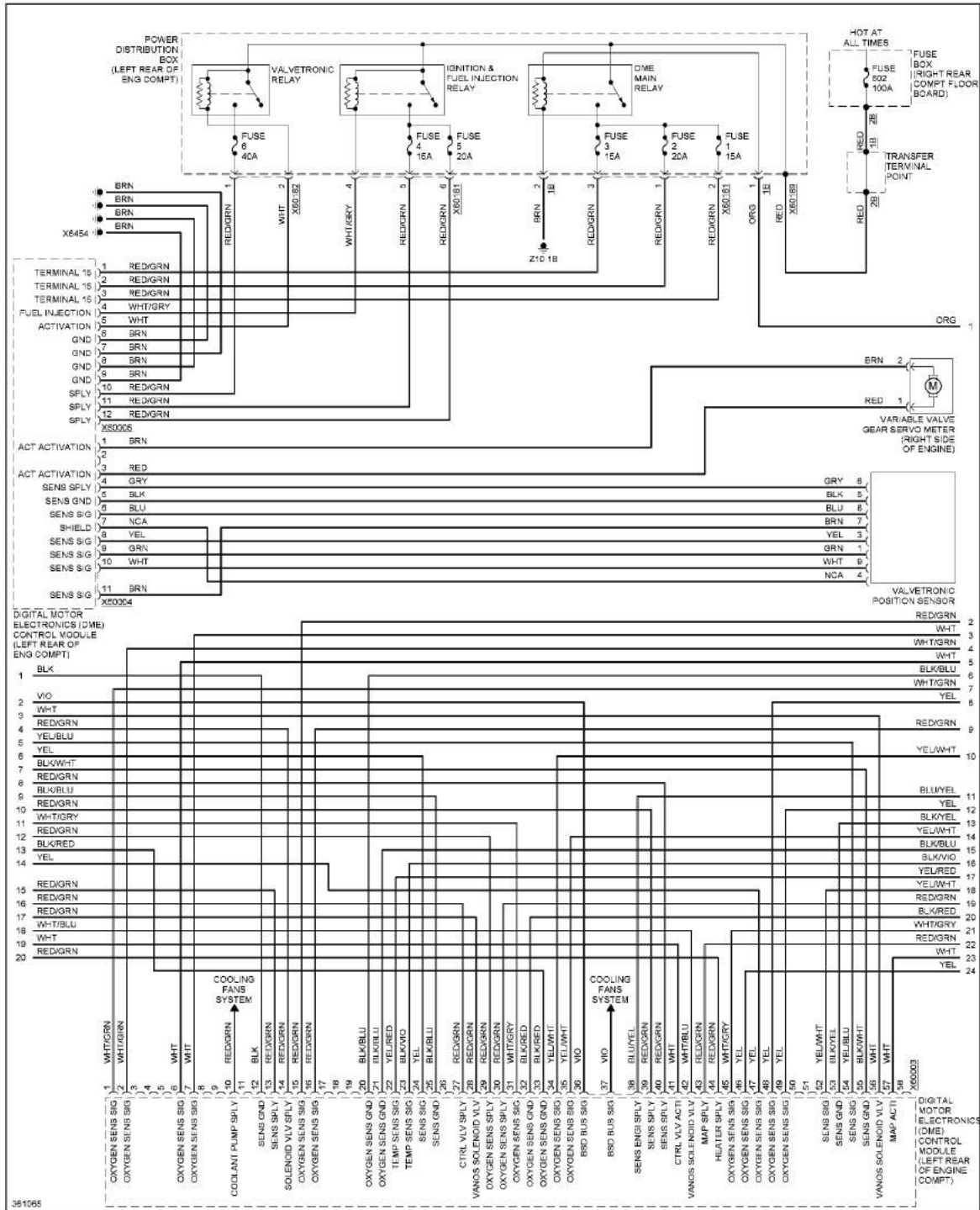


Fig. 24: 3.0L Engine Performance Circuit (3 of 5)

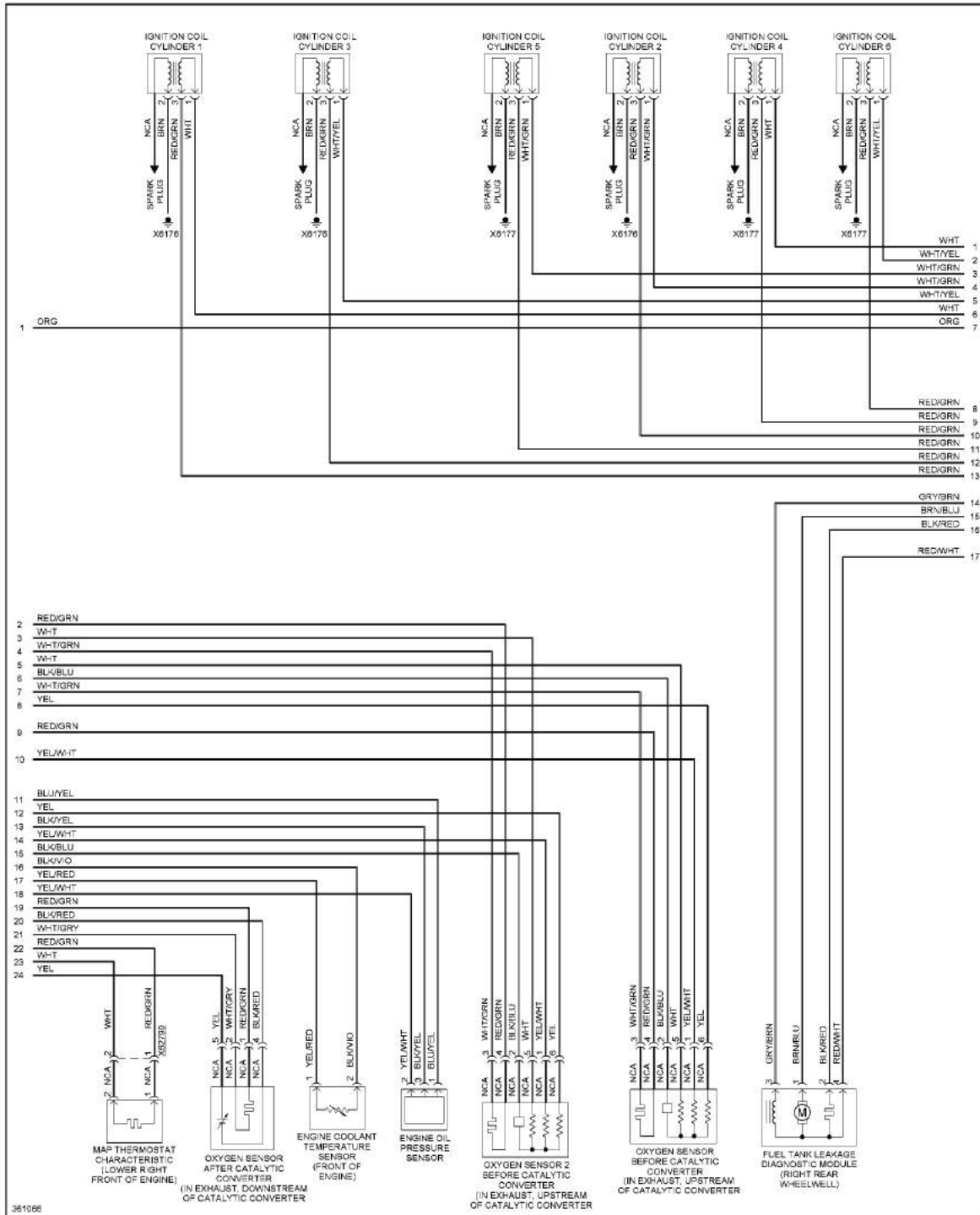


Fig. 25: 3.0L Engine Performance Circuit (4 of 5)

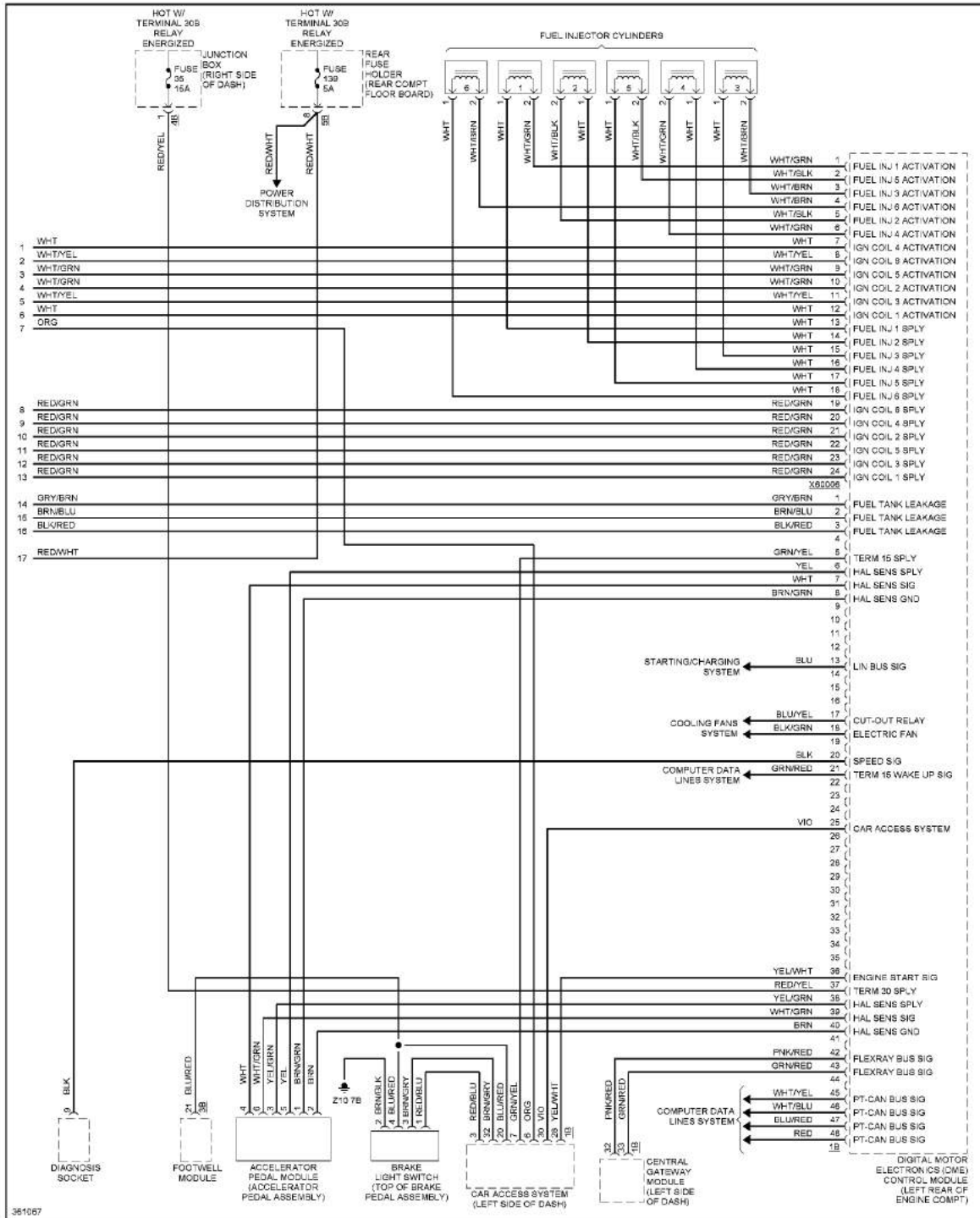


Fig. 26: 3.0L Engine Performance Circuit (5 of 5)

3.0L TWIN TURBO

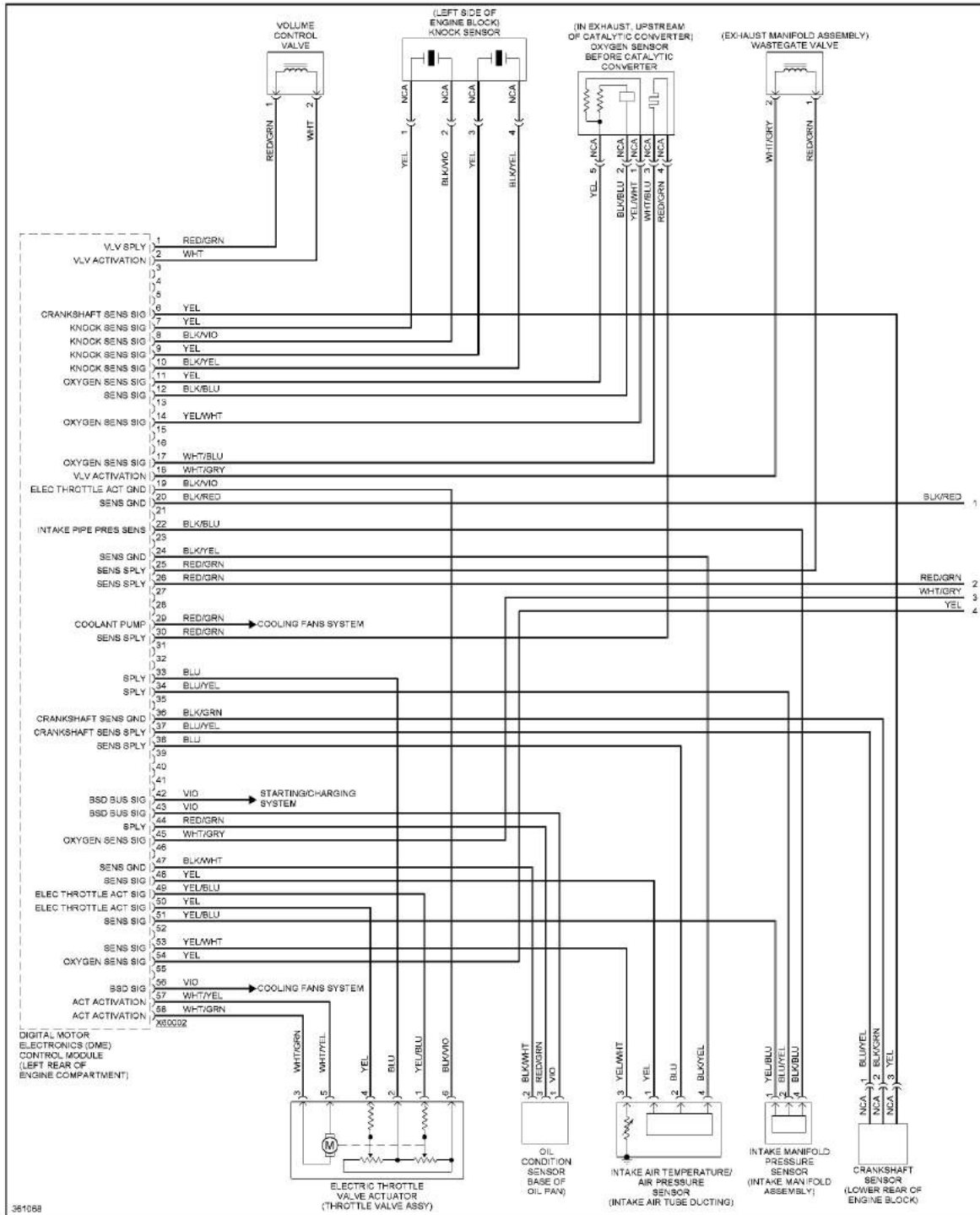


Fig. 27: 3.0L Twin Turbo, Engine Performance Circuit (1 of 5)

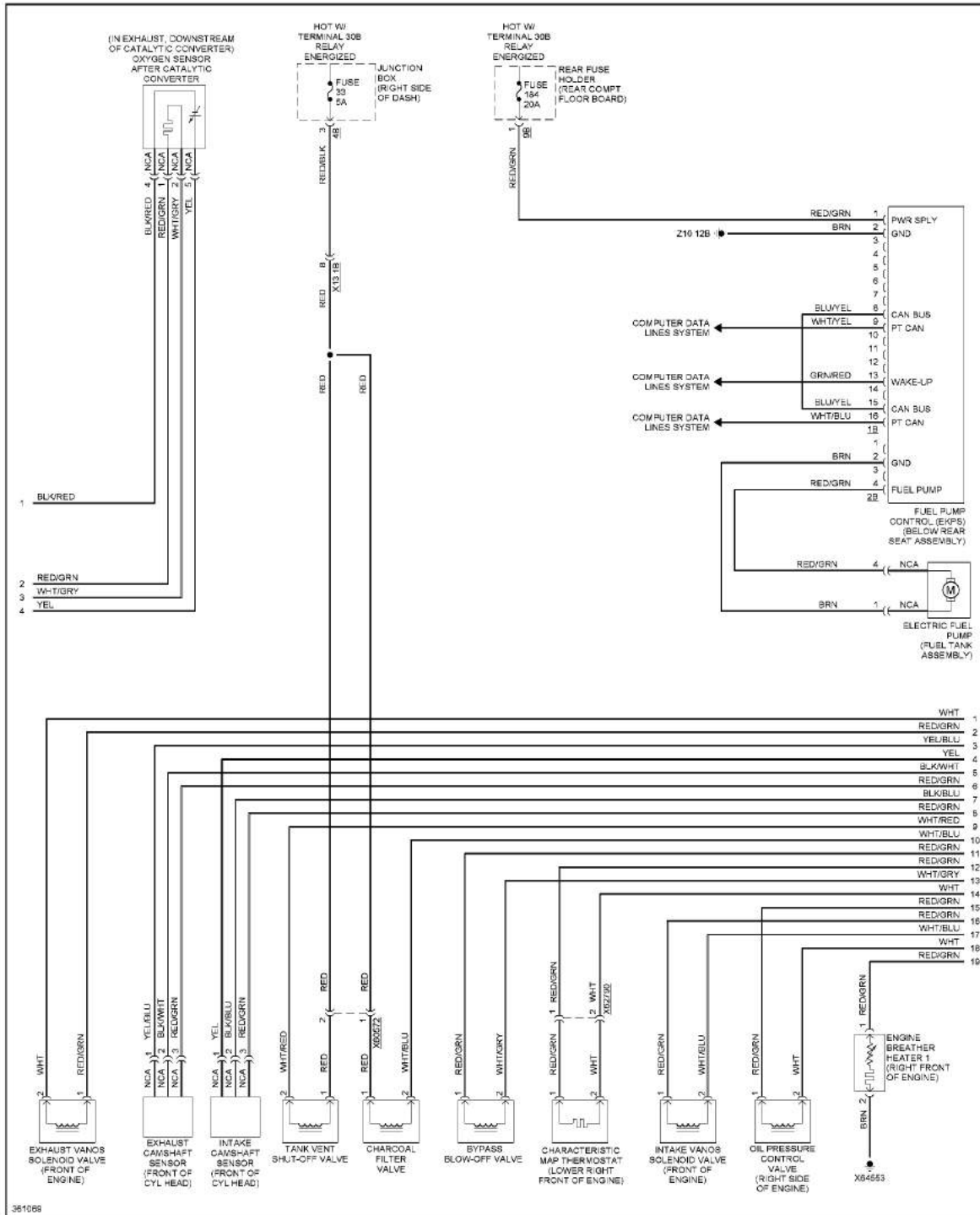


Fig. 28: 3.0L Twin Turbo, Engine Performance Circuit (2 of 5)

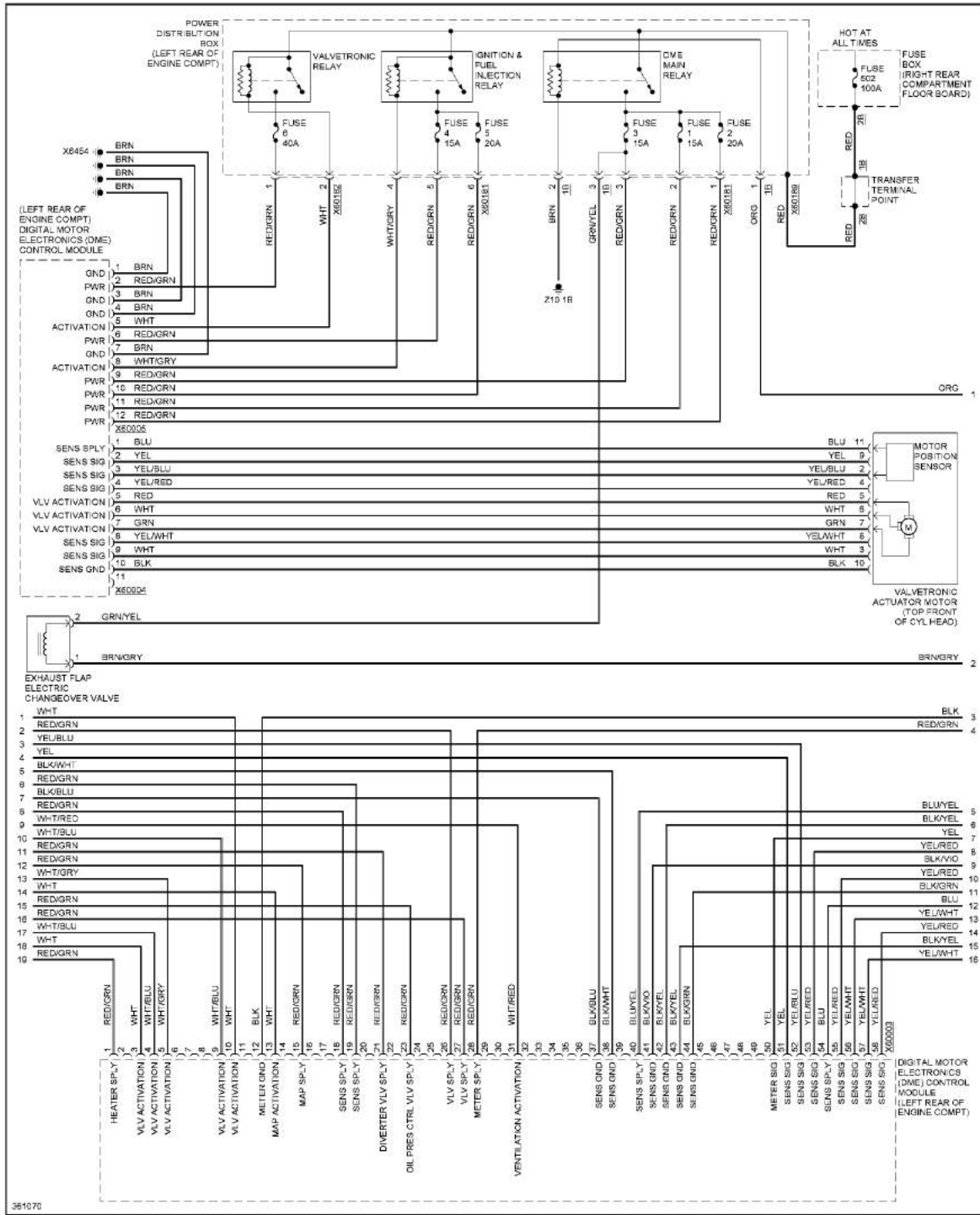


Fig. 29: 3.0L Twin Turbo, Engine Performance Circuit (3 of 5)

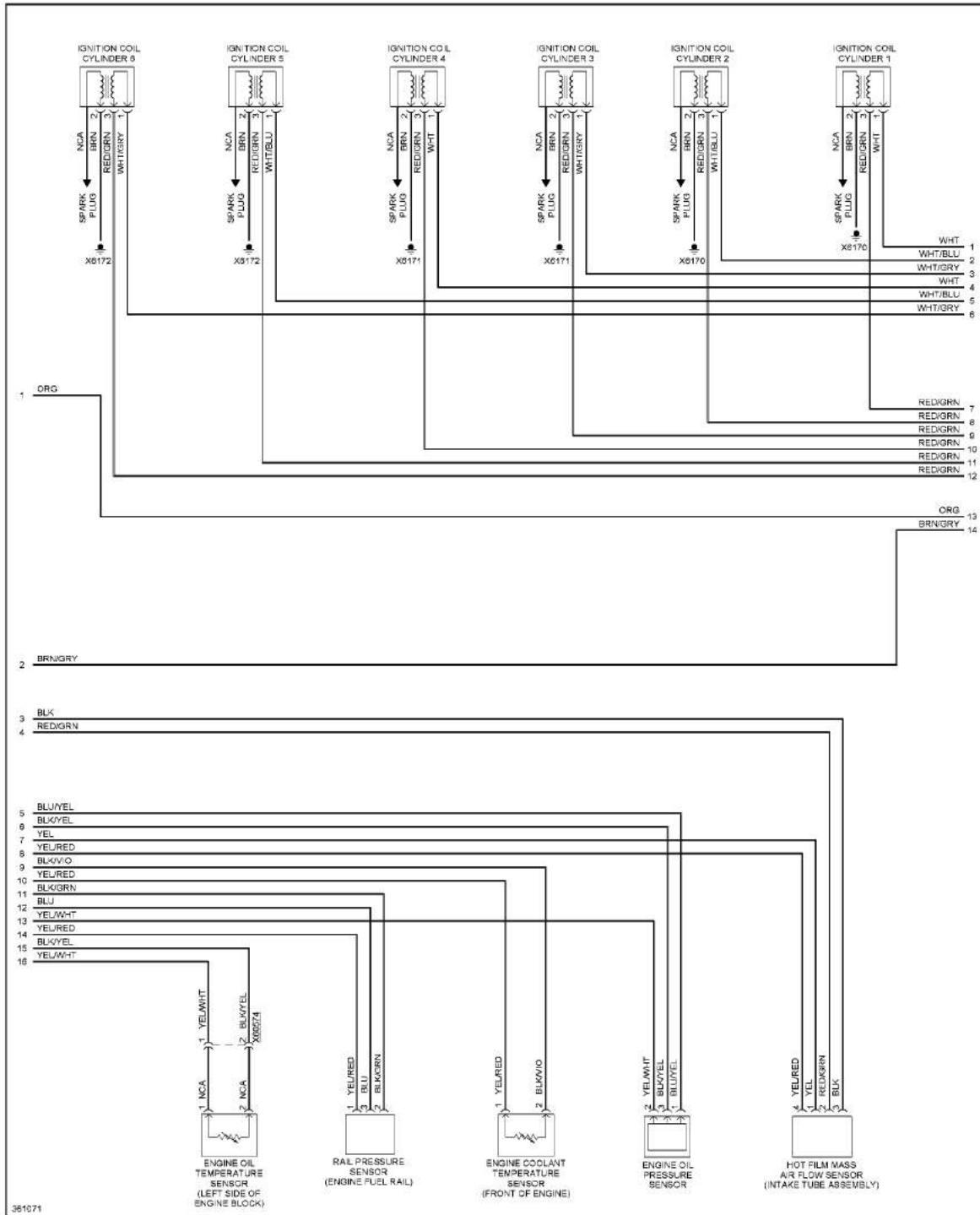


Fig. 30: 3.0L Twin Turbo, Engine Performance Circuit (4 of 5)

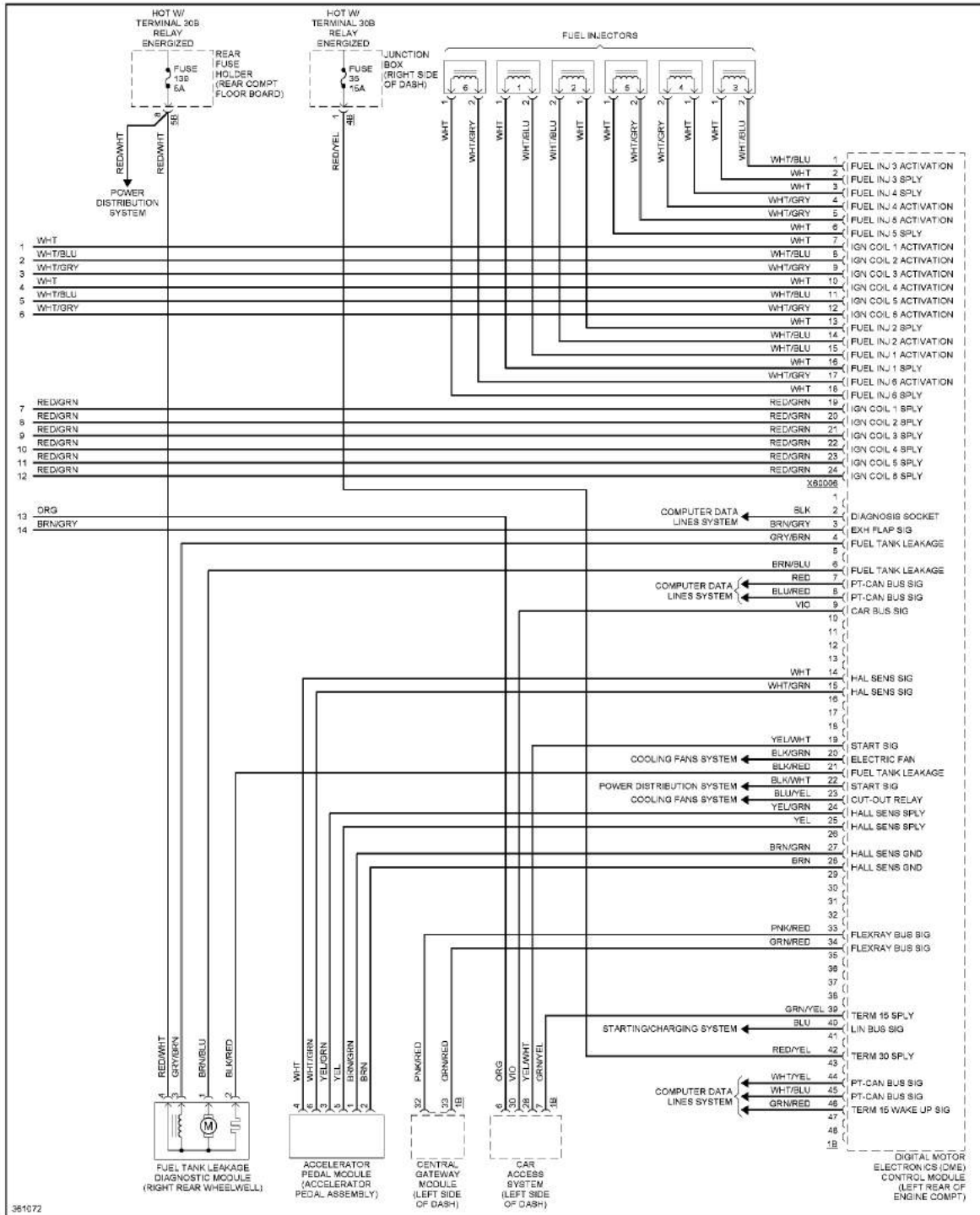


Fig. 31: 3.0L Twin Turbo, Engine Performance Circuit (5 of 5)

EXTERIOR LIGHTS

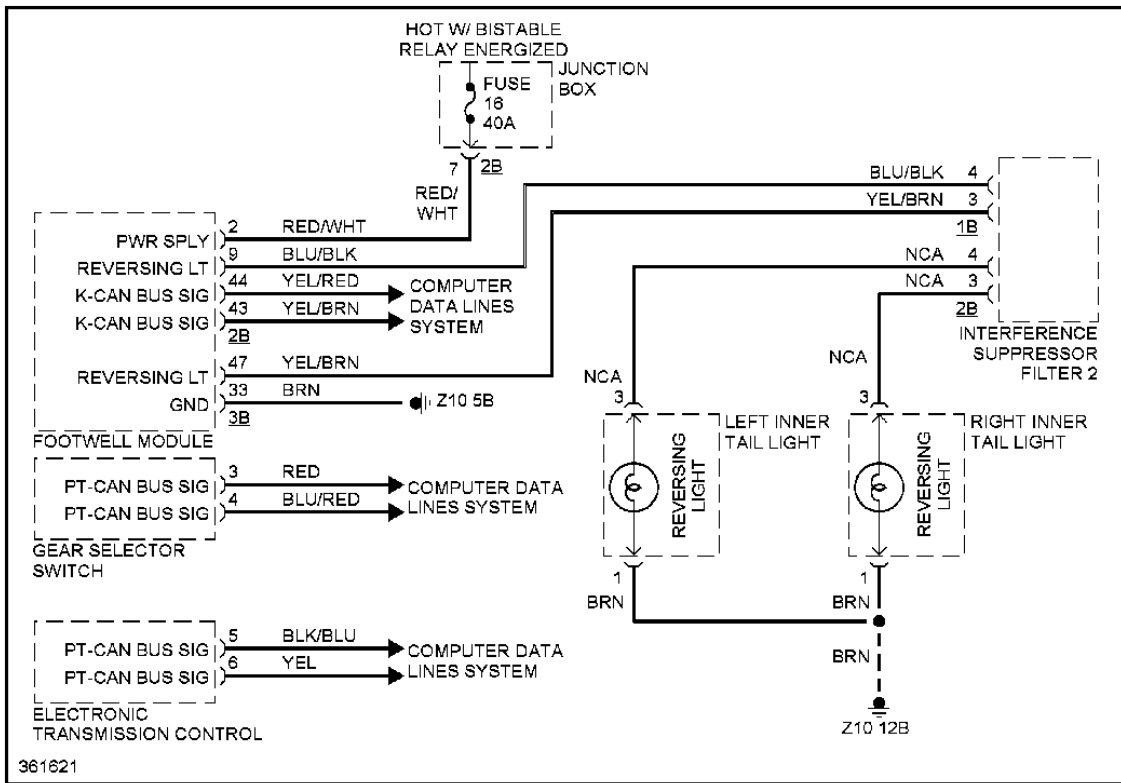


Fig. 32: Backup Lamps Circuit

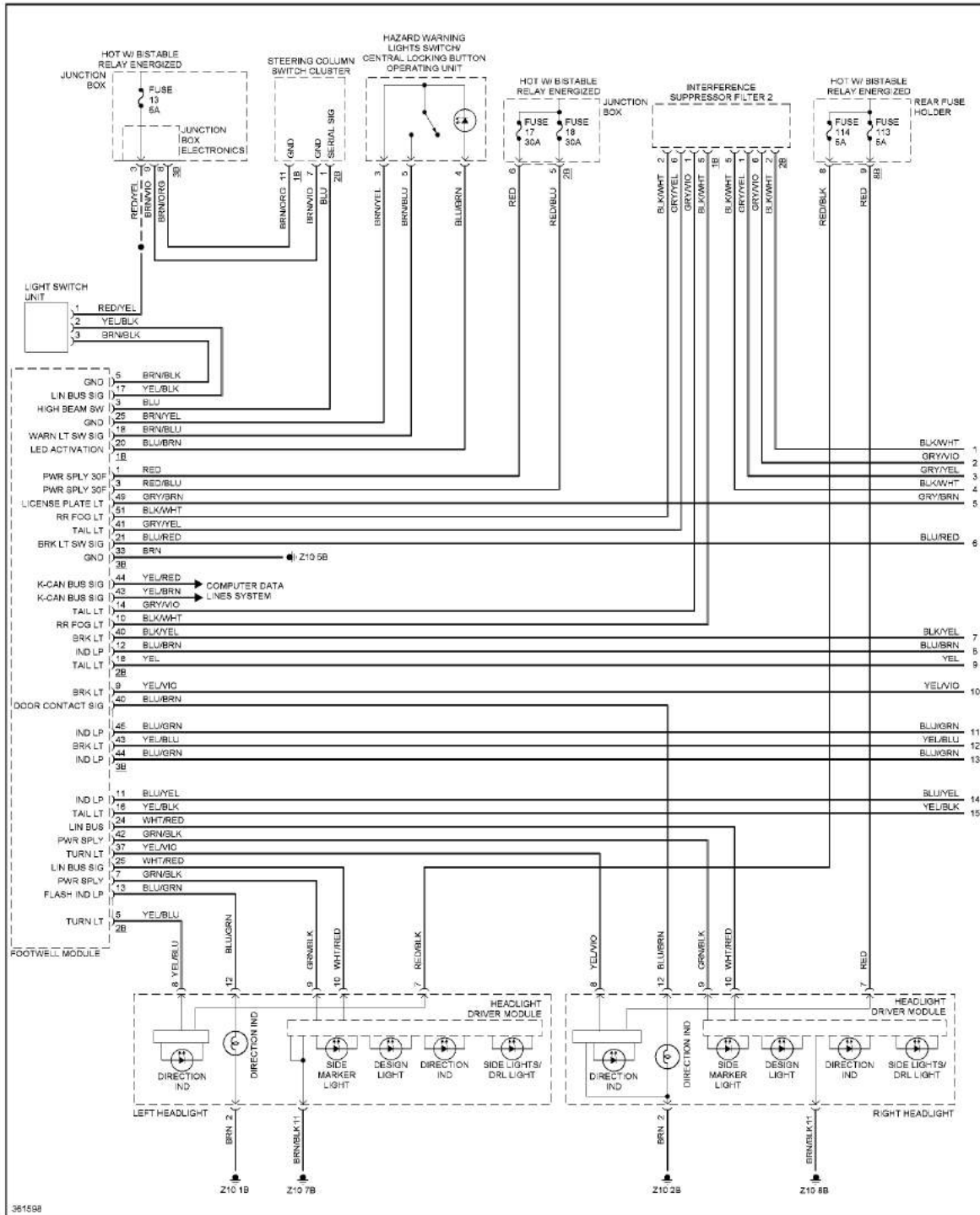


Fig. 33: Exterior Lamps Circuit (1 of 2)

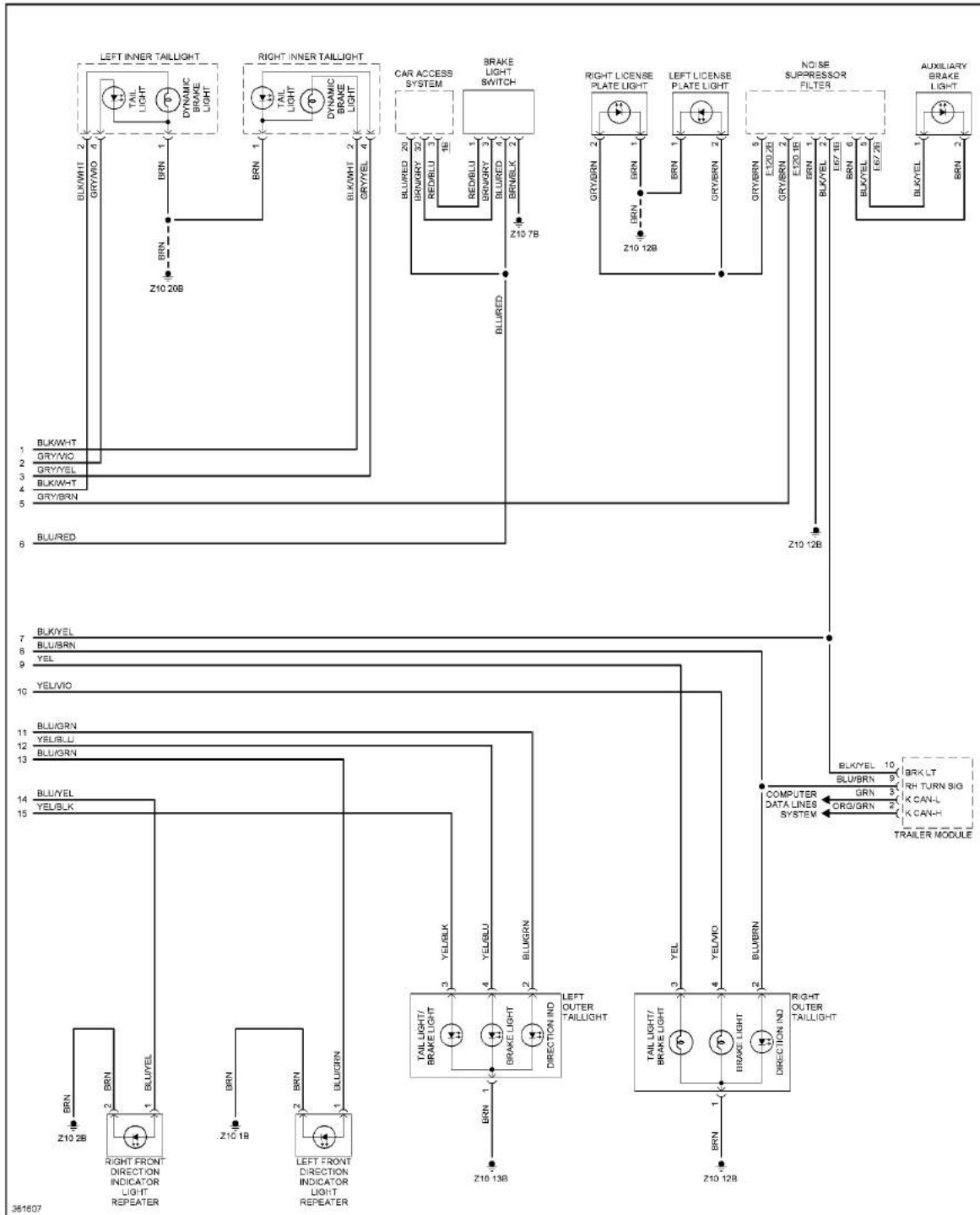


Fig. 34: Exterior Lamps Circuit (2 of 2)

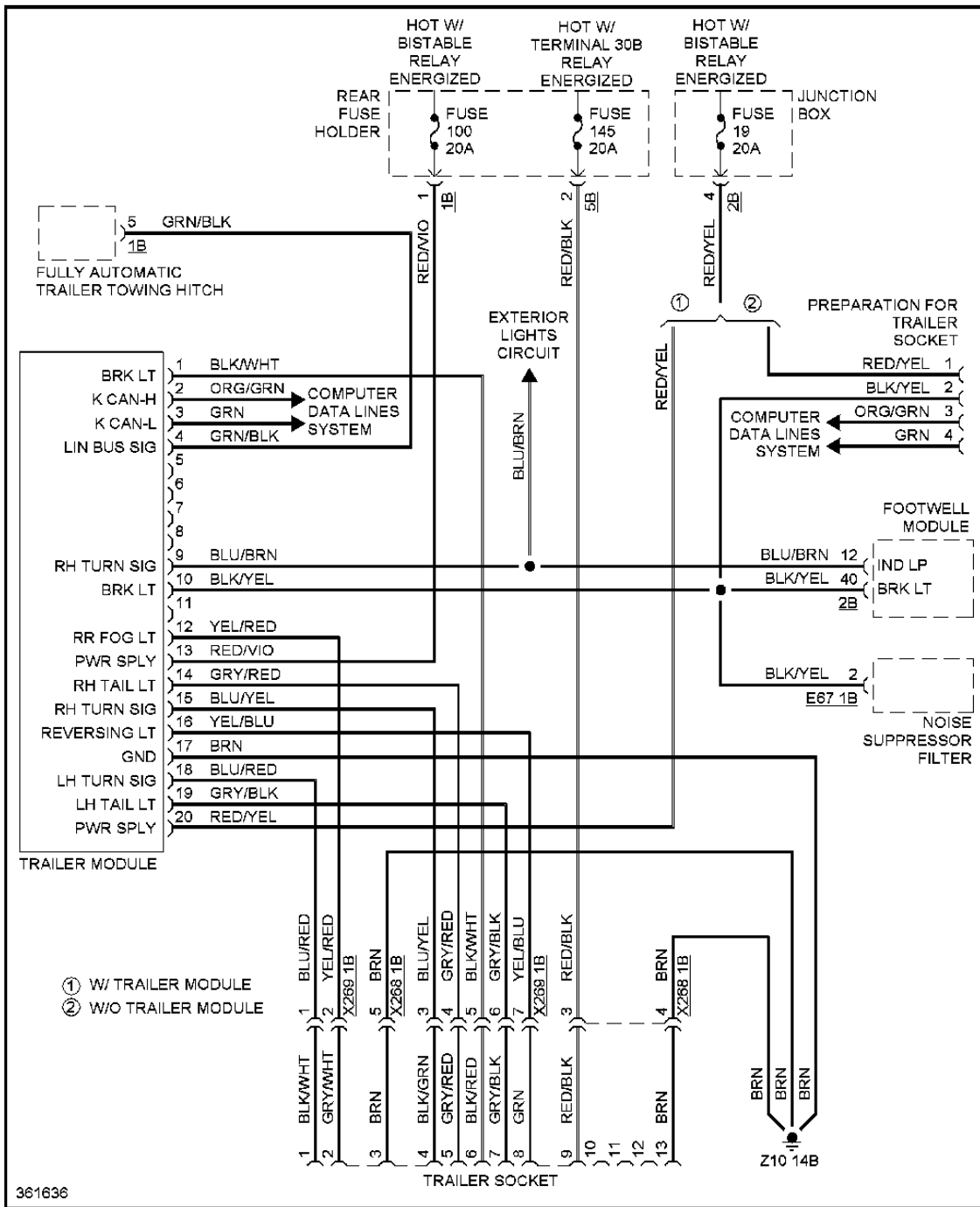


Fig. 35: Trailer Tow Circuit

GROUND DISTRIBUTION

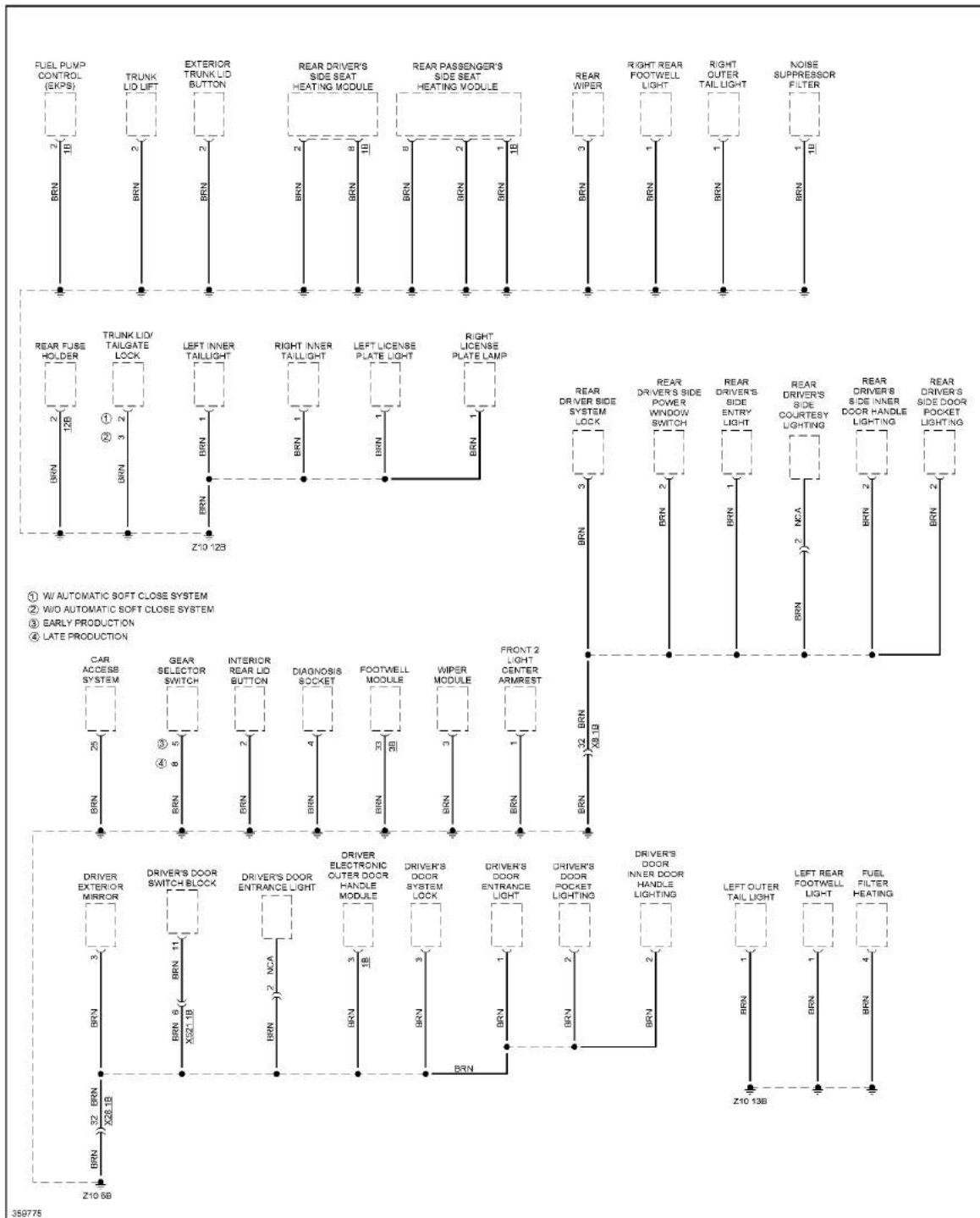


Fig. 36: Ground Distribution Circuit (1 of 4)

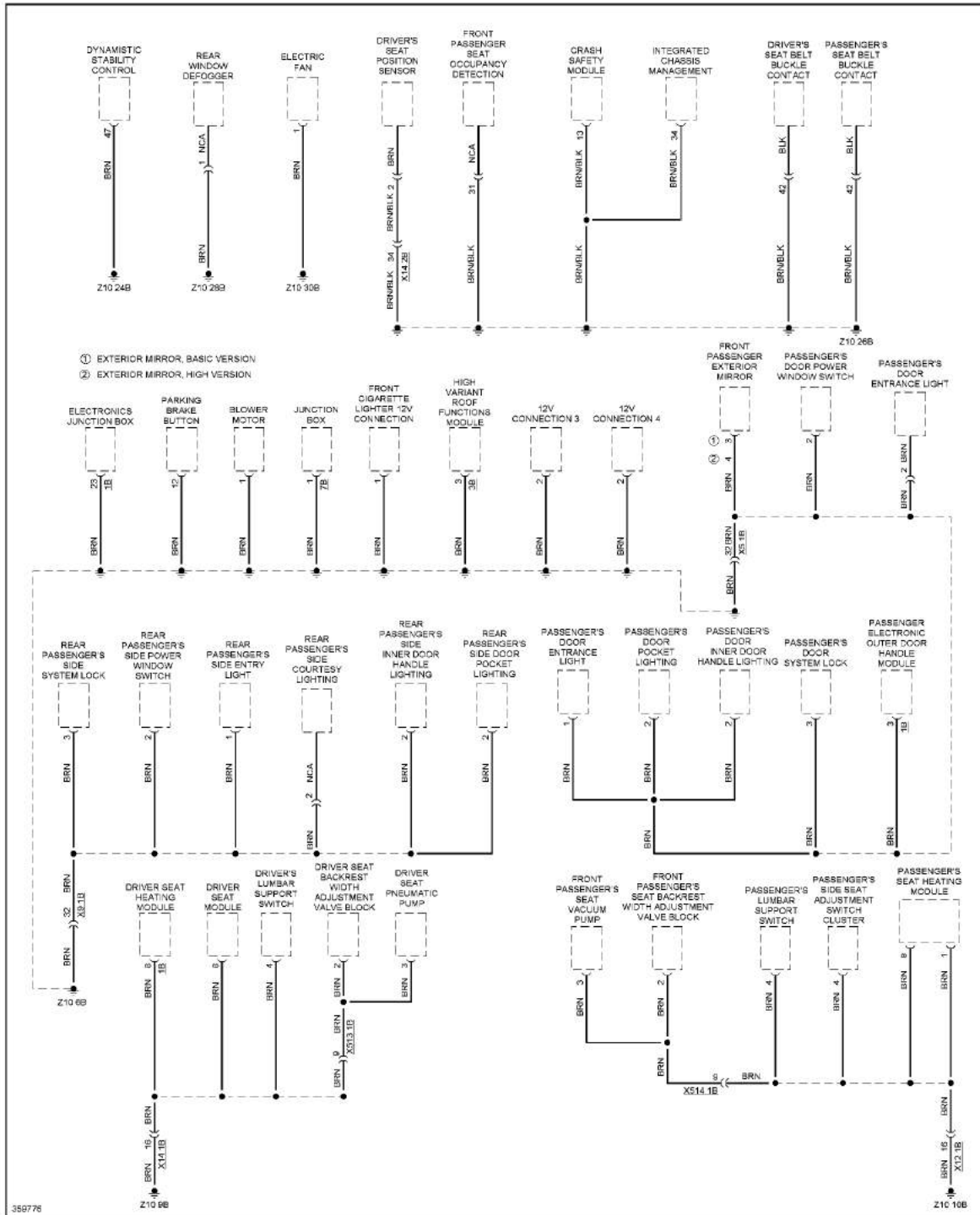


Fig. 37: Ground Distribution Circuit (2 of 4)

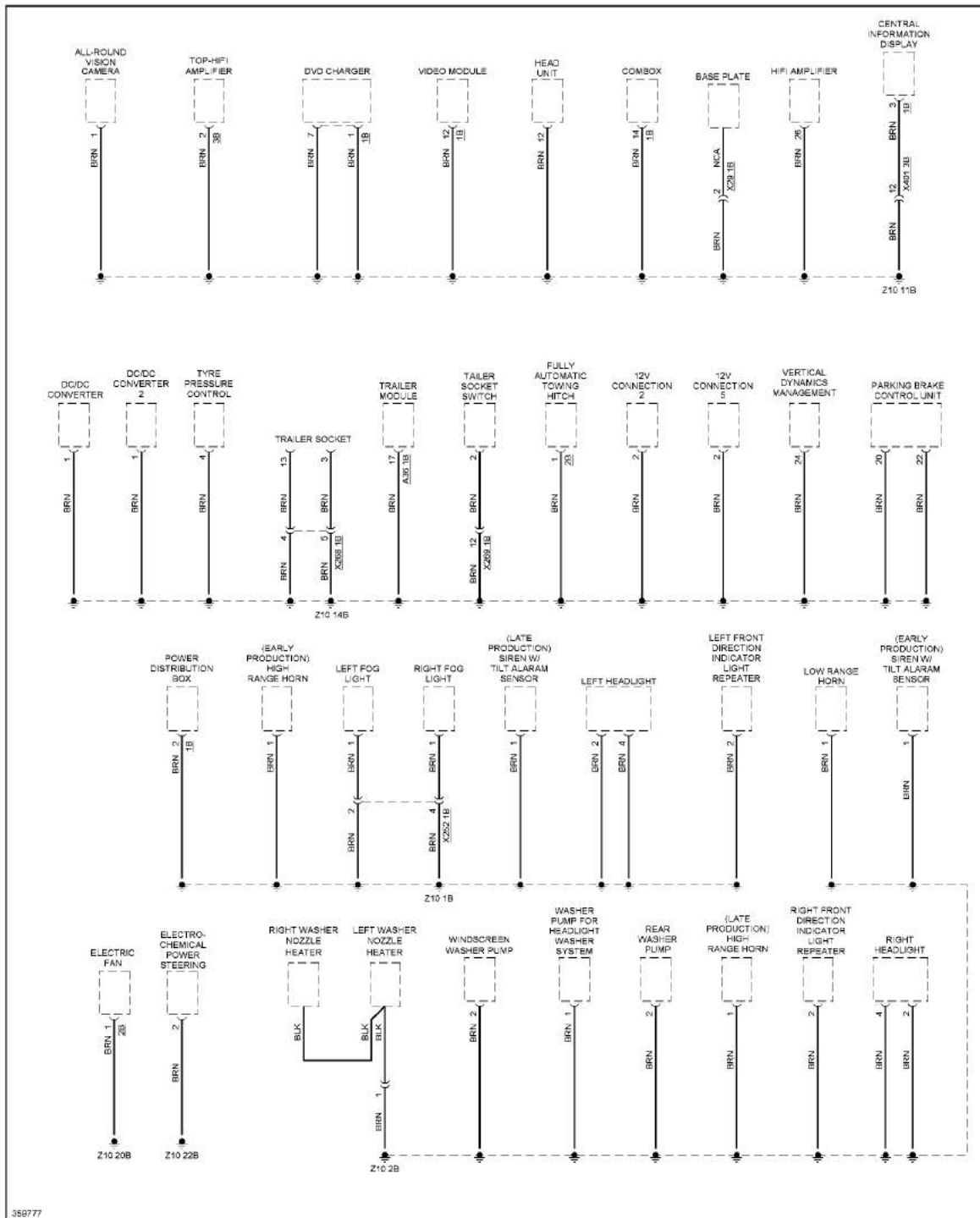


Fig. 38: Ground Distribution Circuit (3 of 4)

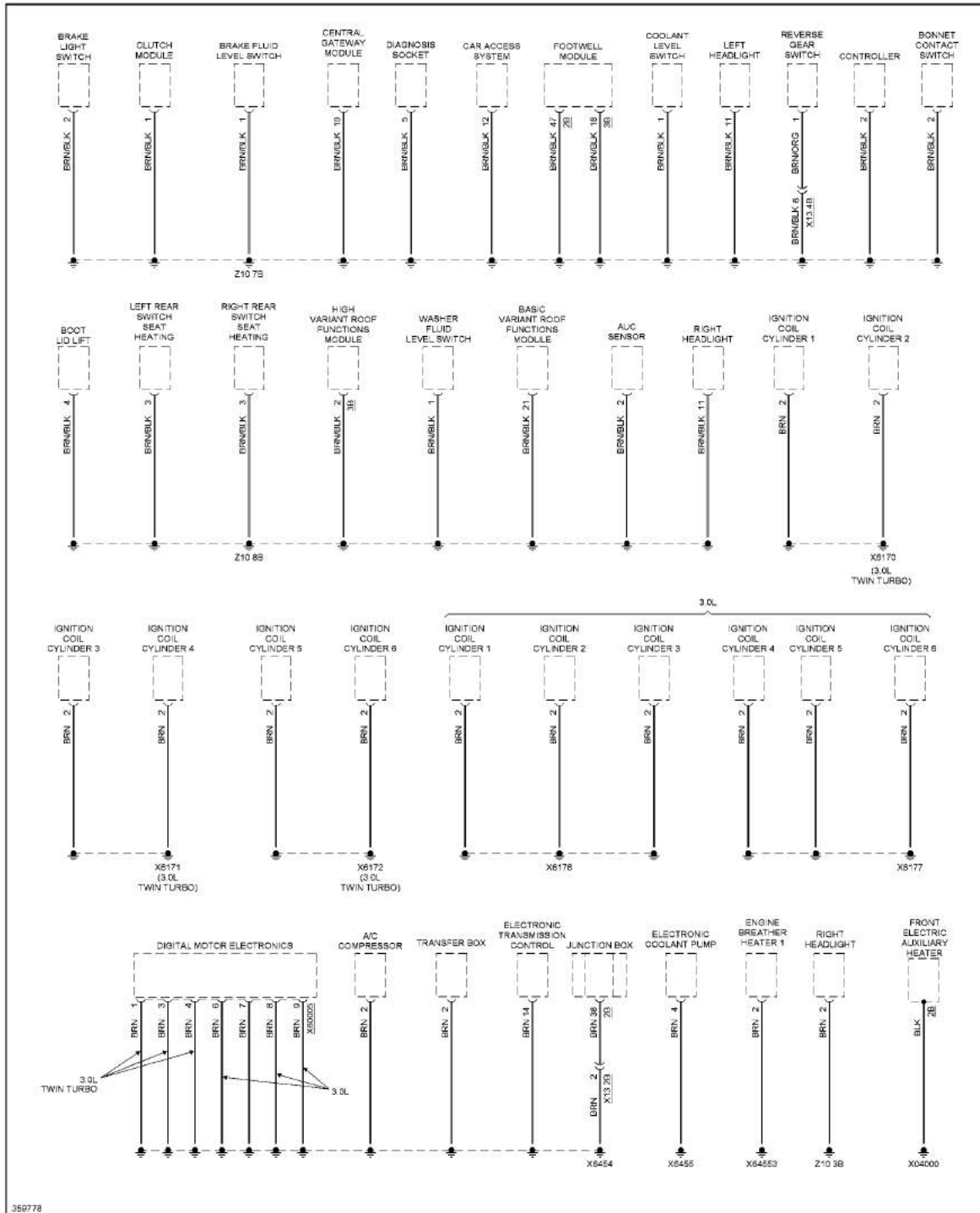


Fig. 39: Ground Distribution Circuit (4 of 4)

HEADLIGHTS

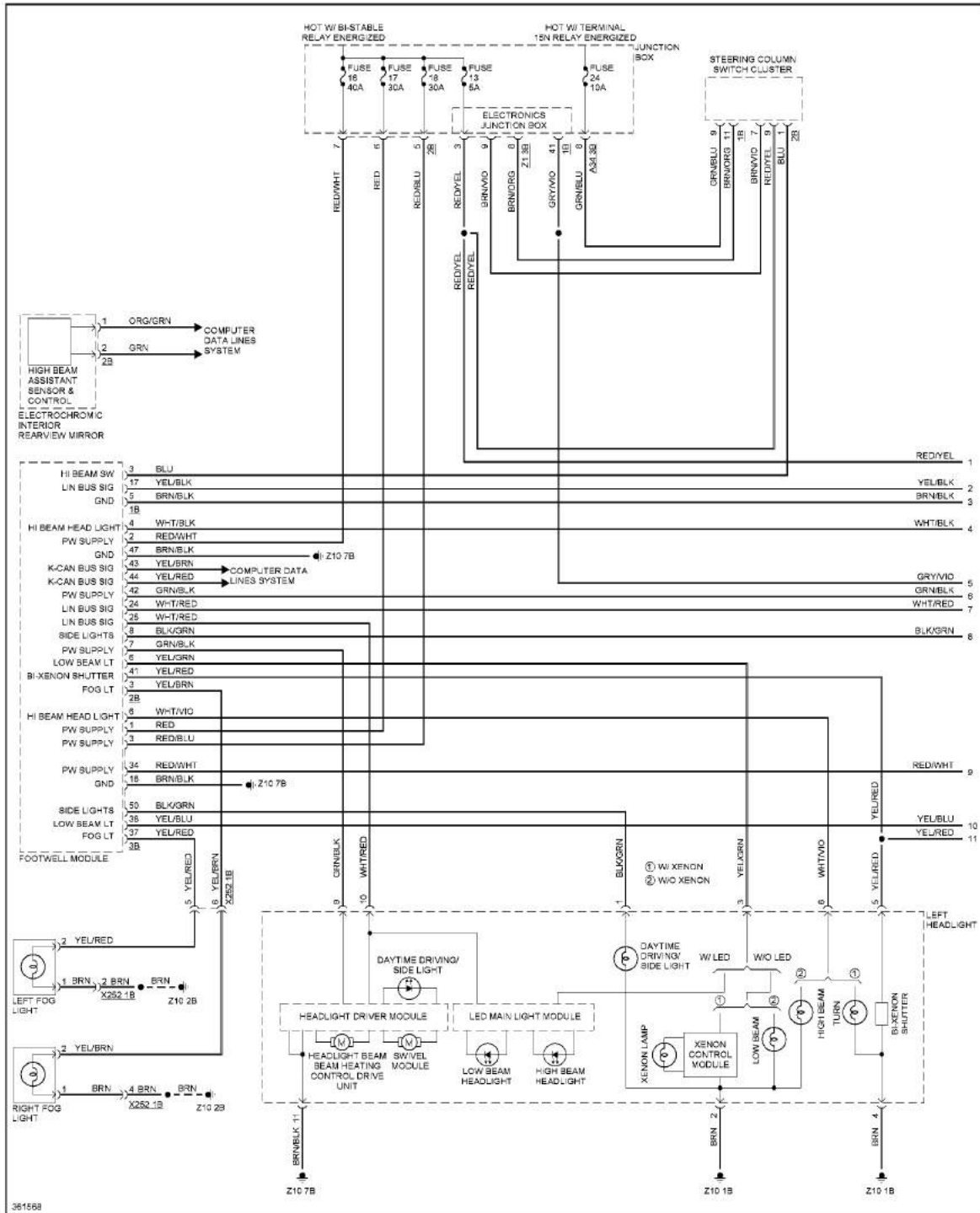


Fig. 40: Headlights Circuit (1 of 2)

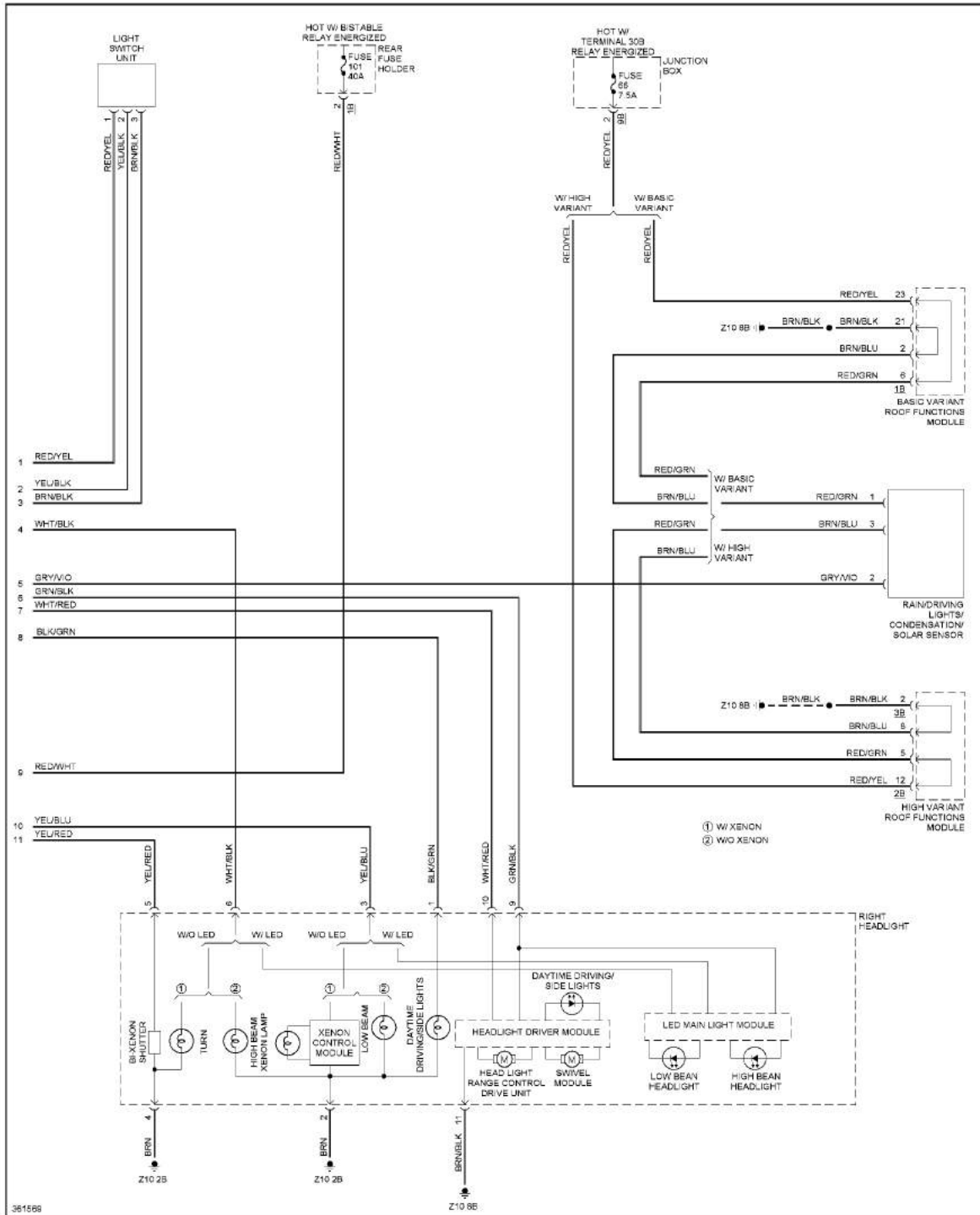


Fig. 41: Headlights Circuit (2 of 2)

HORN

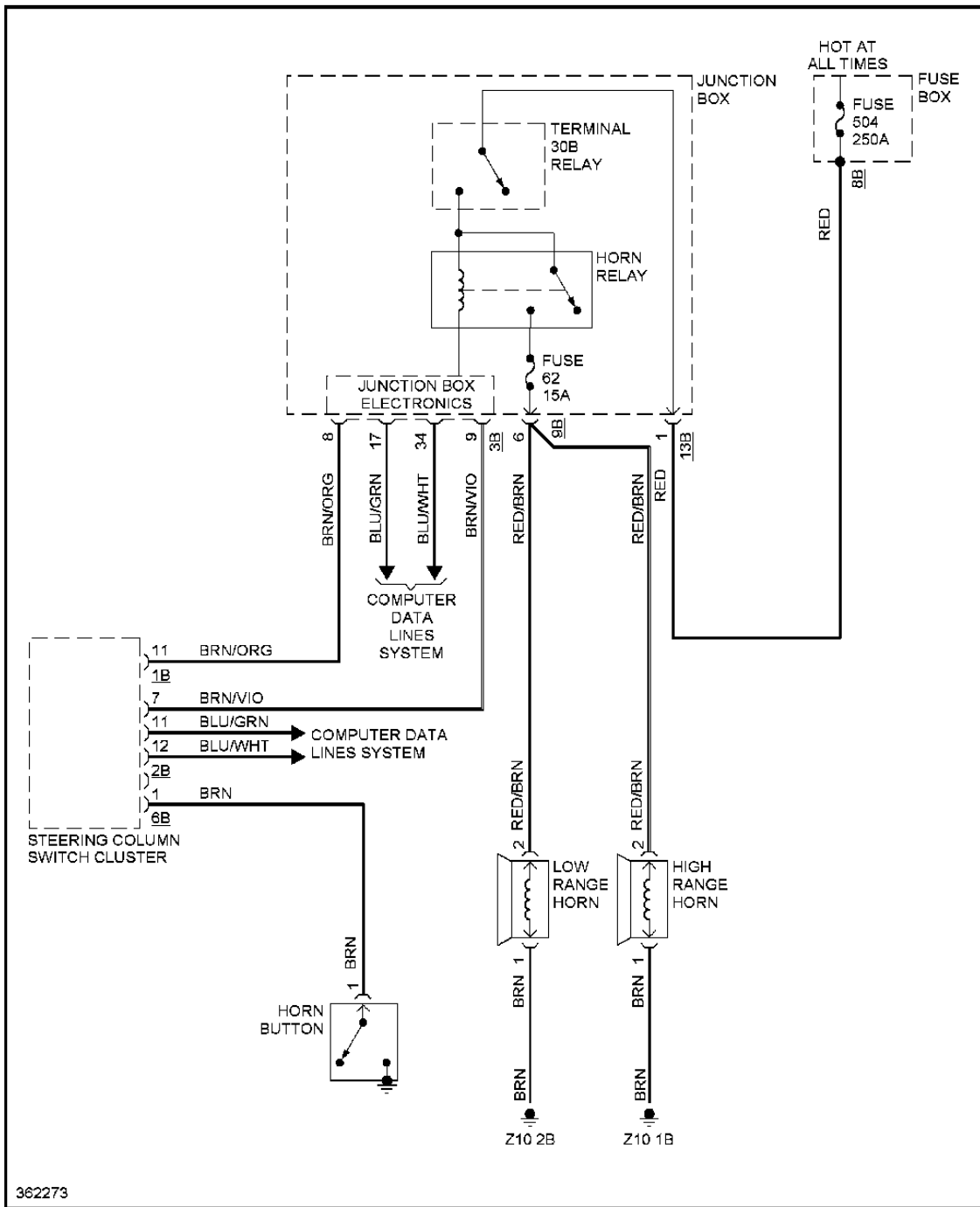


Fig. 42: Horn Circuit

INSTRUMENT CLUSTER

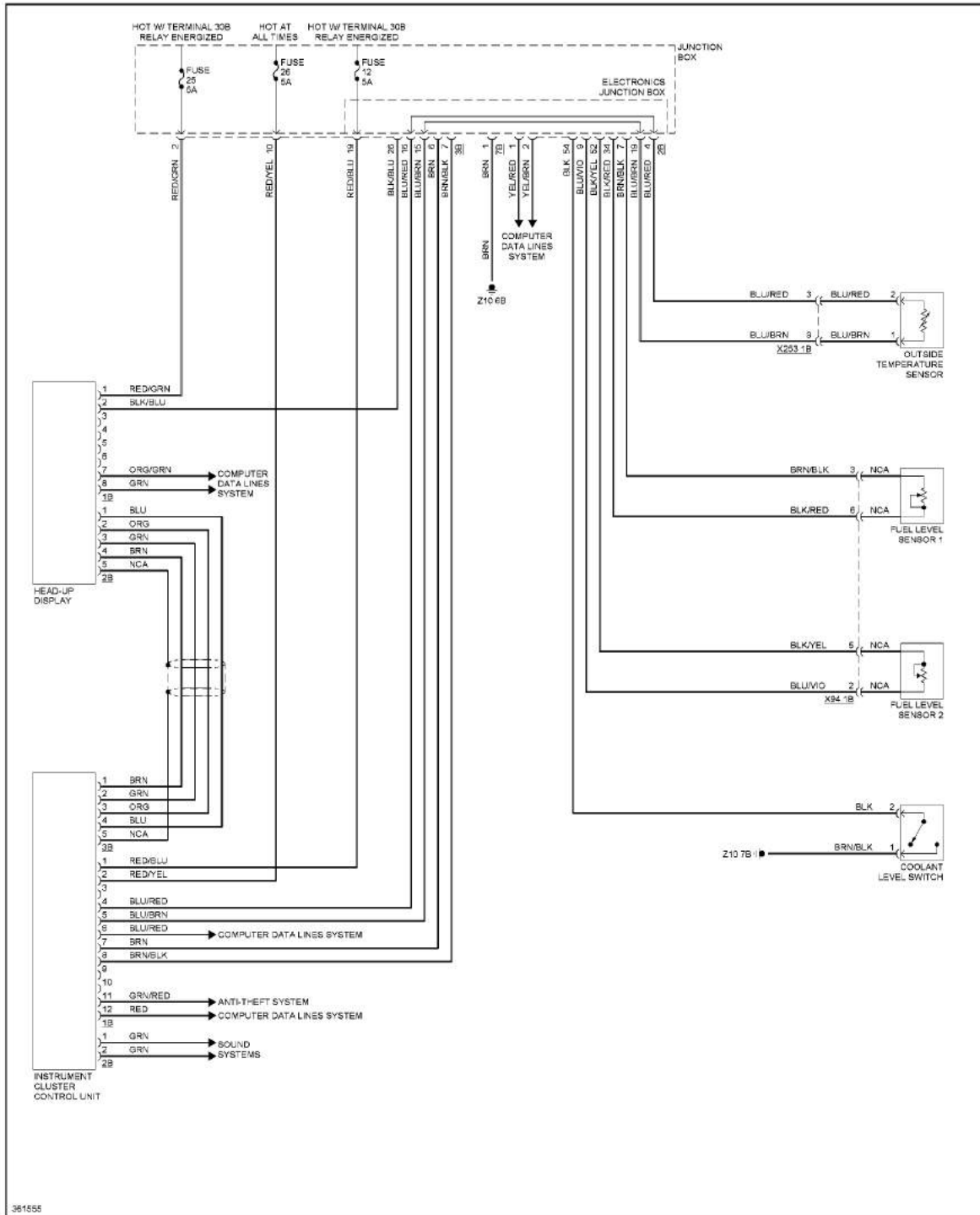


Fig. 43: Instrument Cluster Circuit

INTERIOR LIGHTS

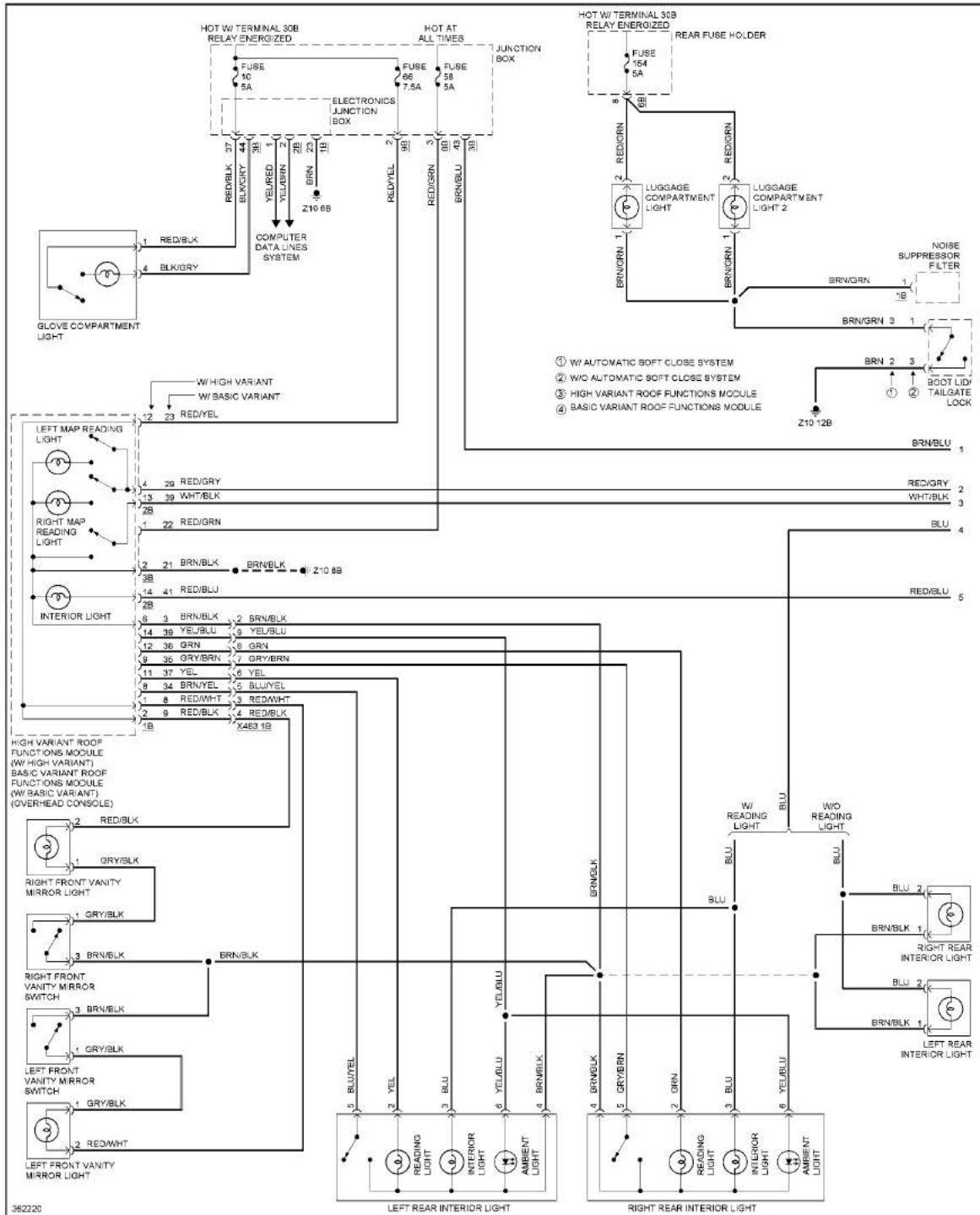


Fig. 44: Courtesy Lamps Circuit (1 of 2)

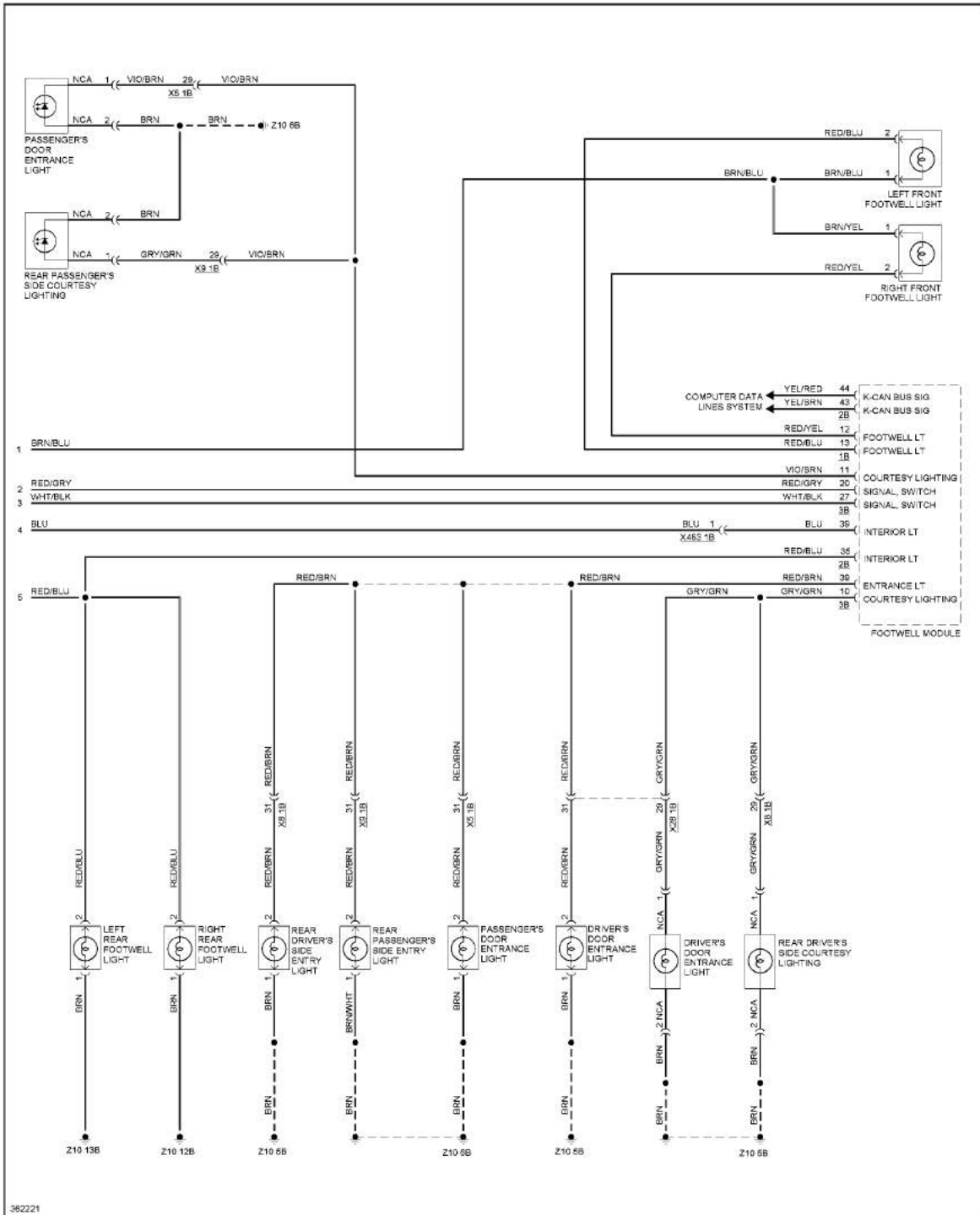


Fig. 45: Courtesy Lamps Circuit (2 of 2)

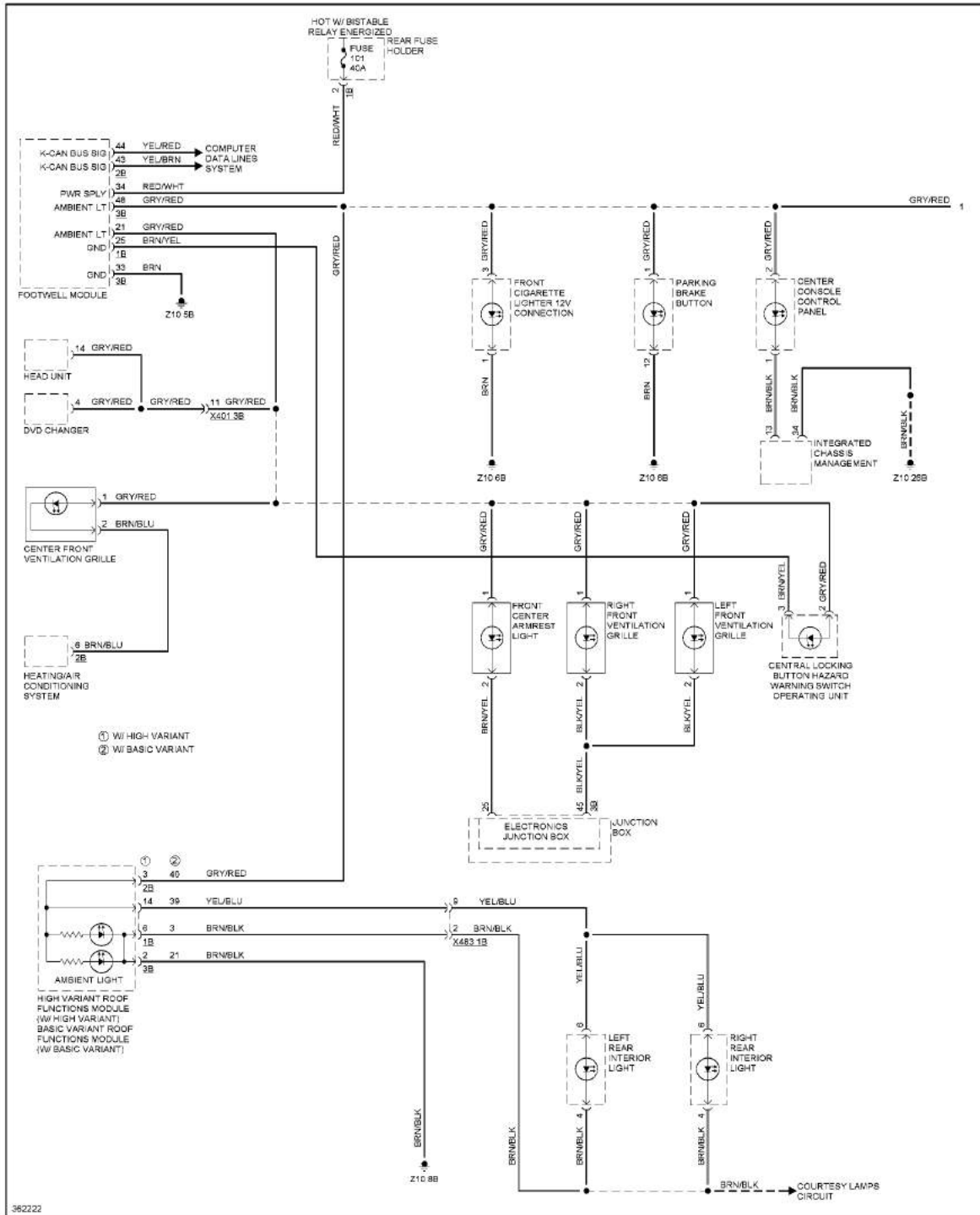


Fig. 46: Instrument Illumination Circuit (1 of 2)

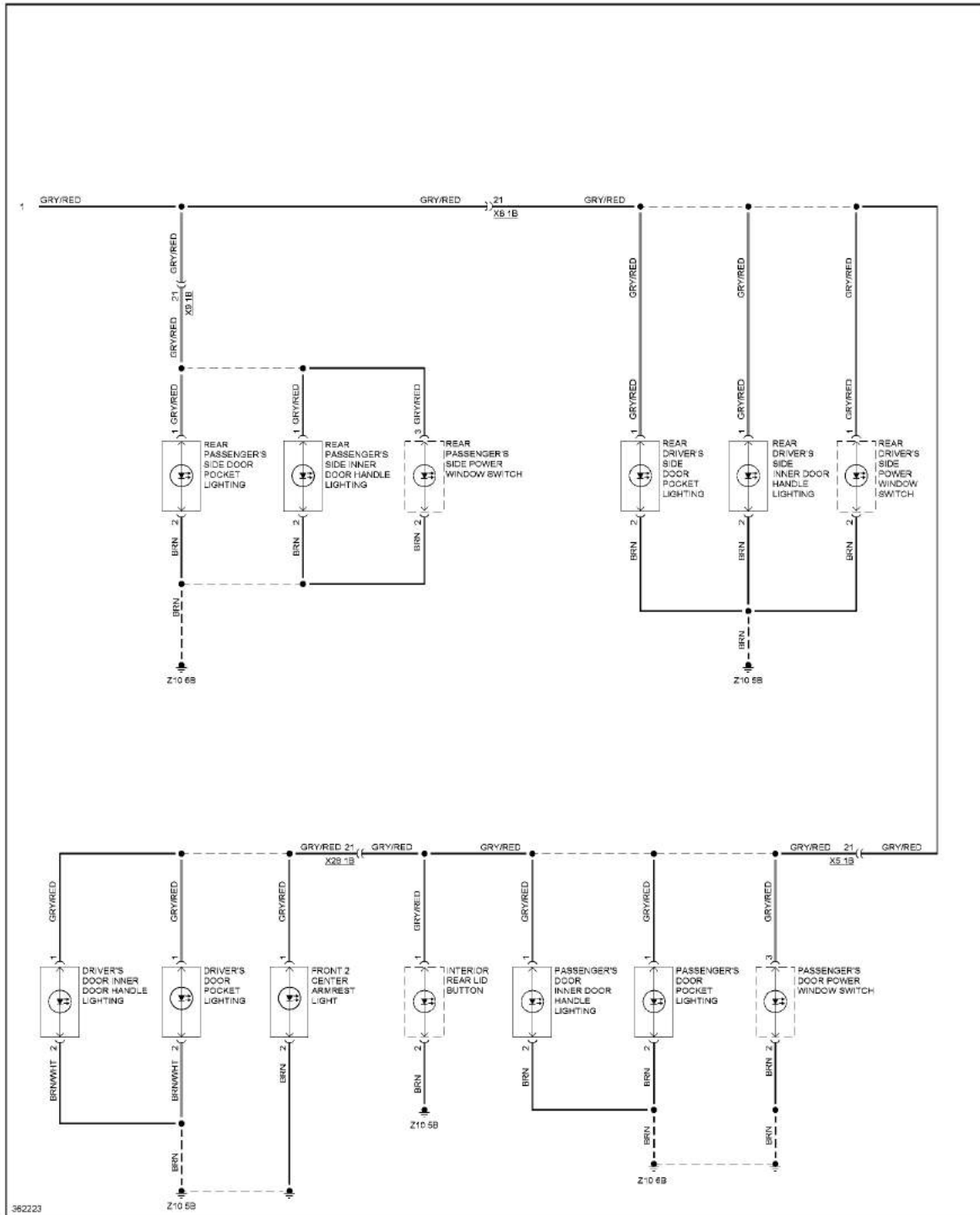


Fig. 47: Instrument Illumination Circuit (2 of 2)

MEMORY SYSTEMS

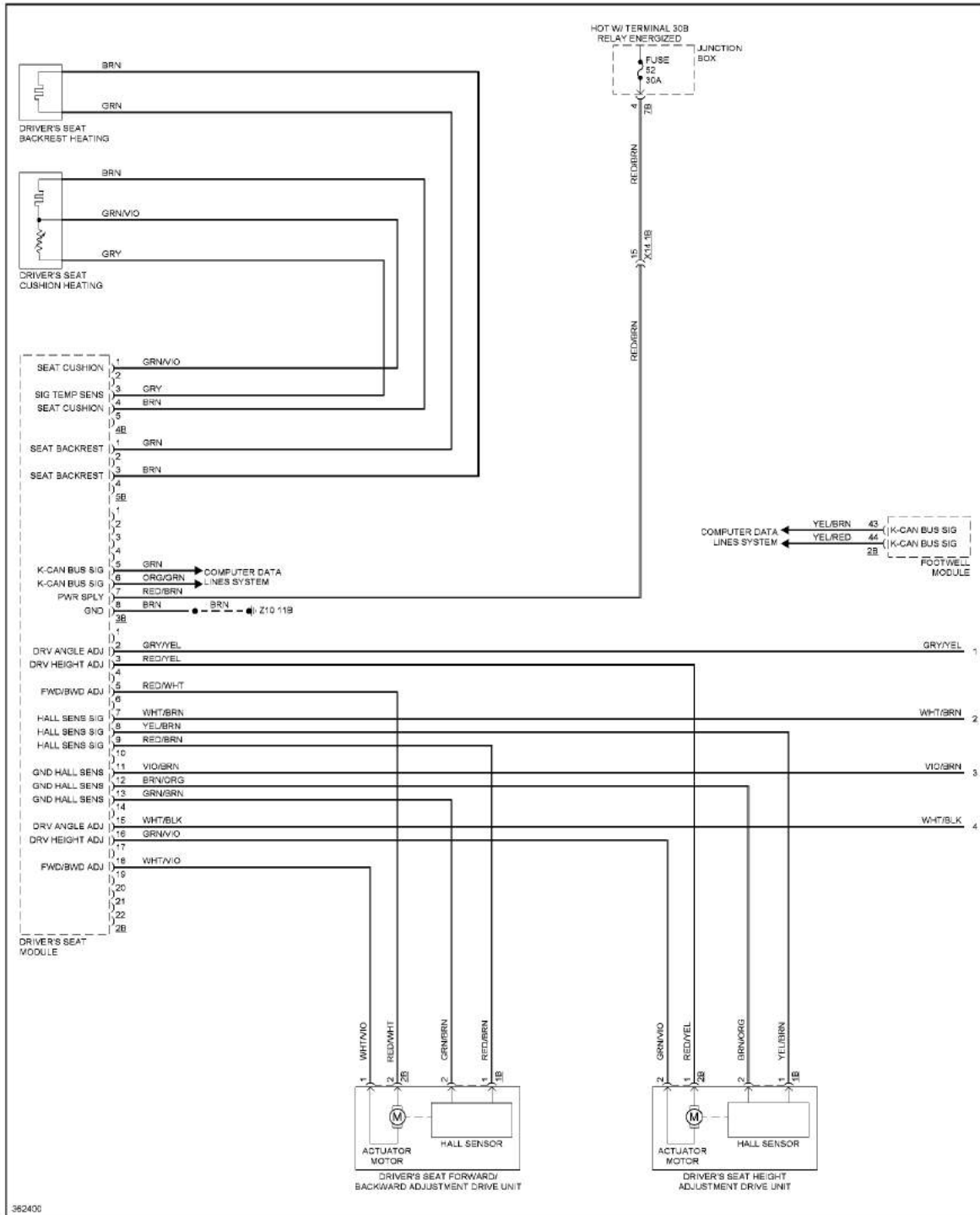


Fig. 48: Memory Systems Circuit (1 of 2)

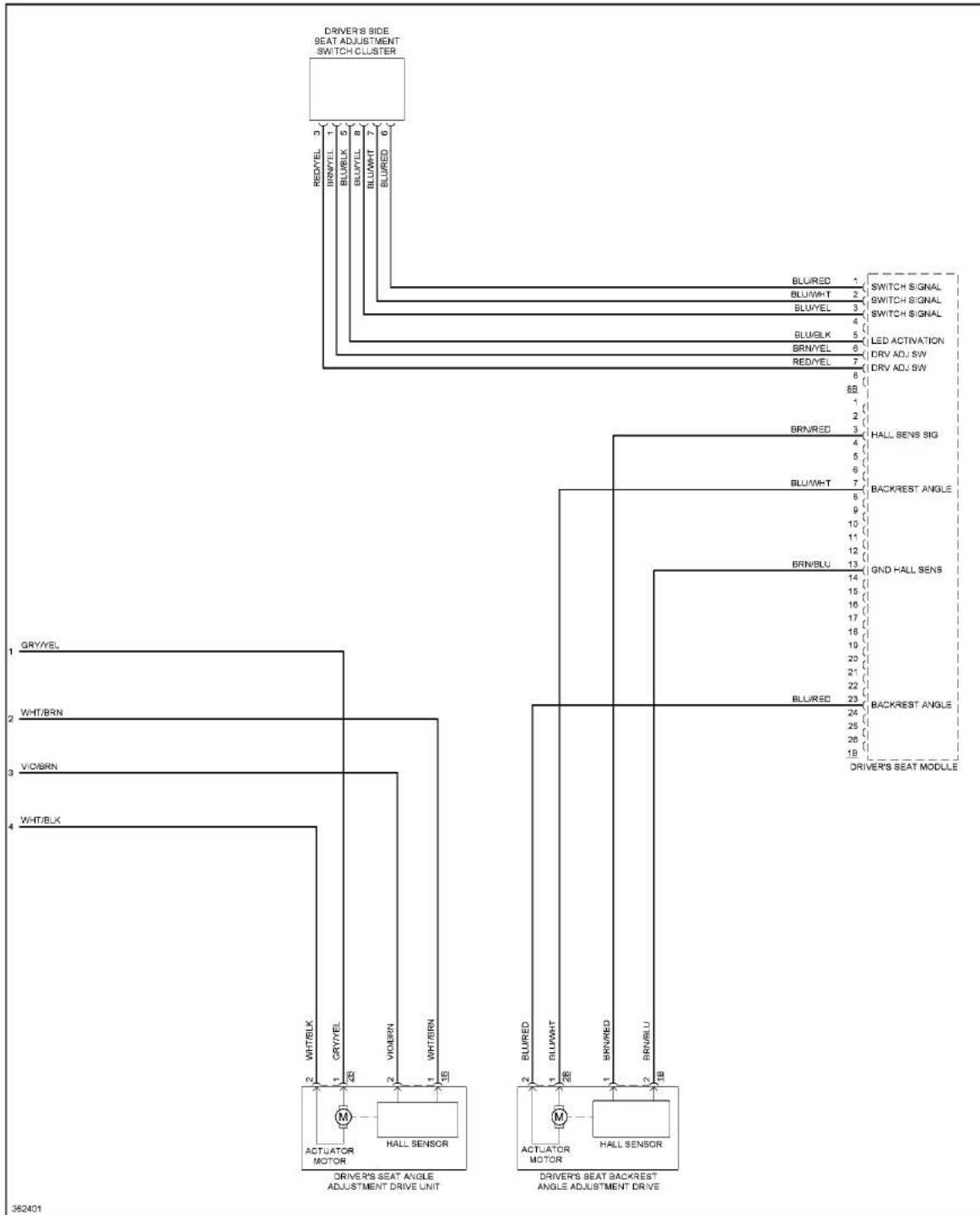


Fig. 49: Memory Systems Circuit (2 of 2)

NAVIGATION

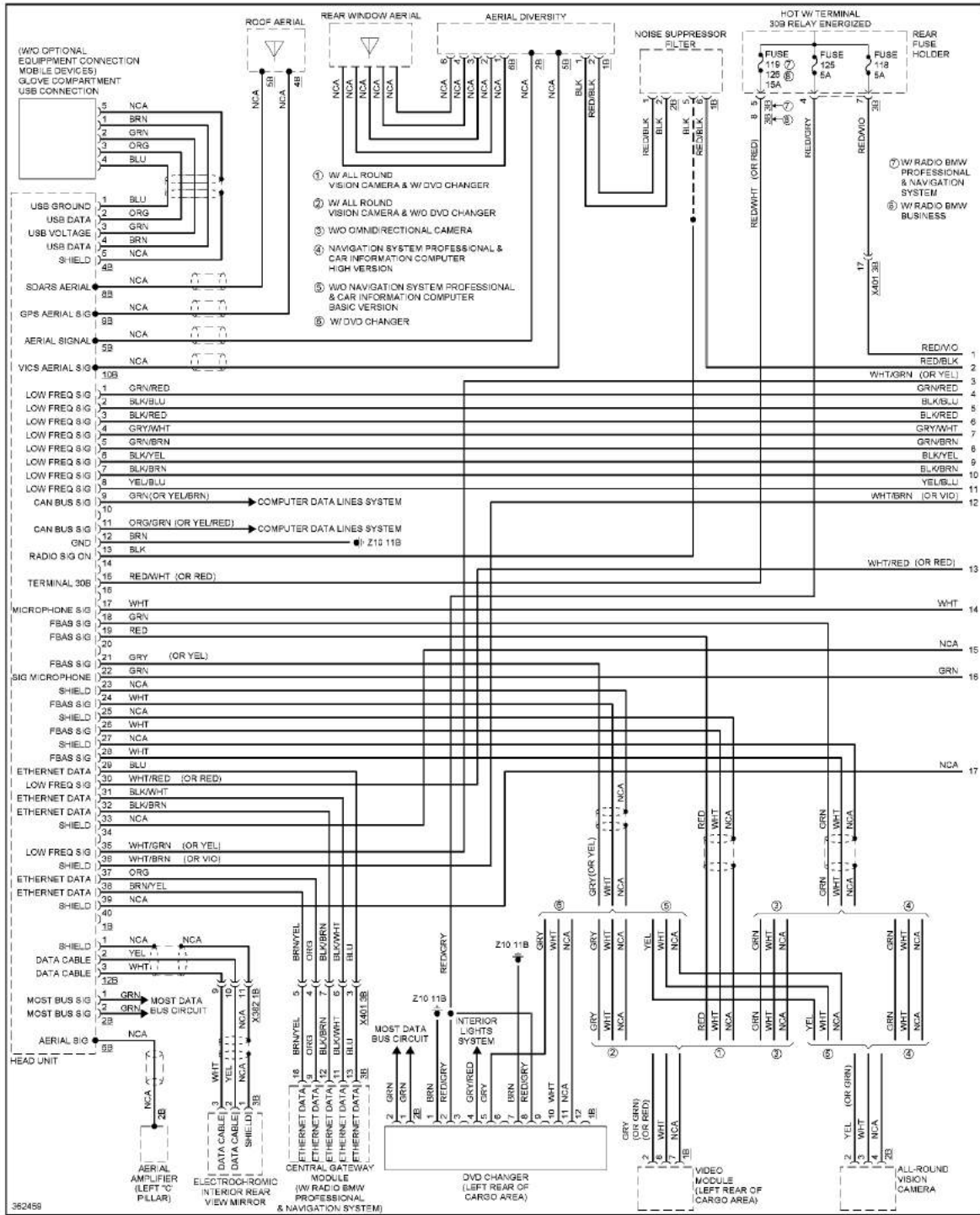


Fig. 52: Navigation Circuit, W/O HIFI Radio (1 of 2)

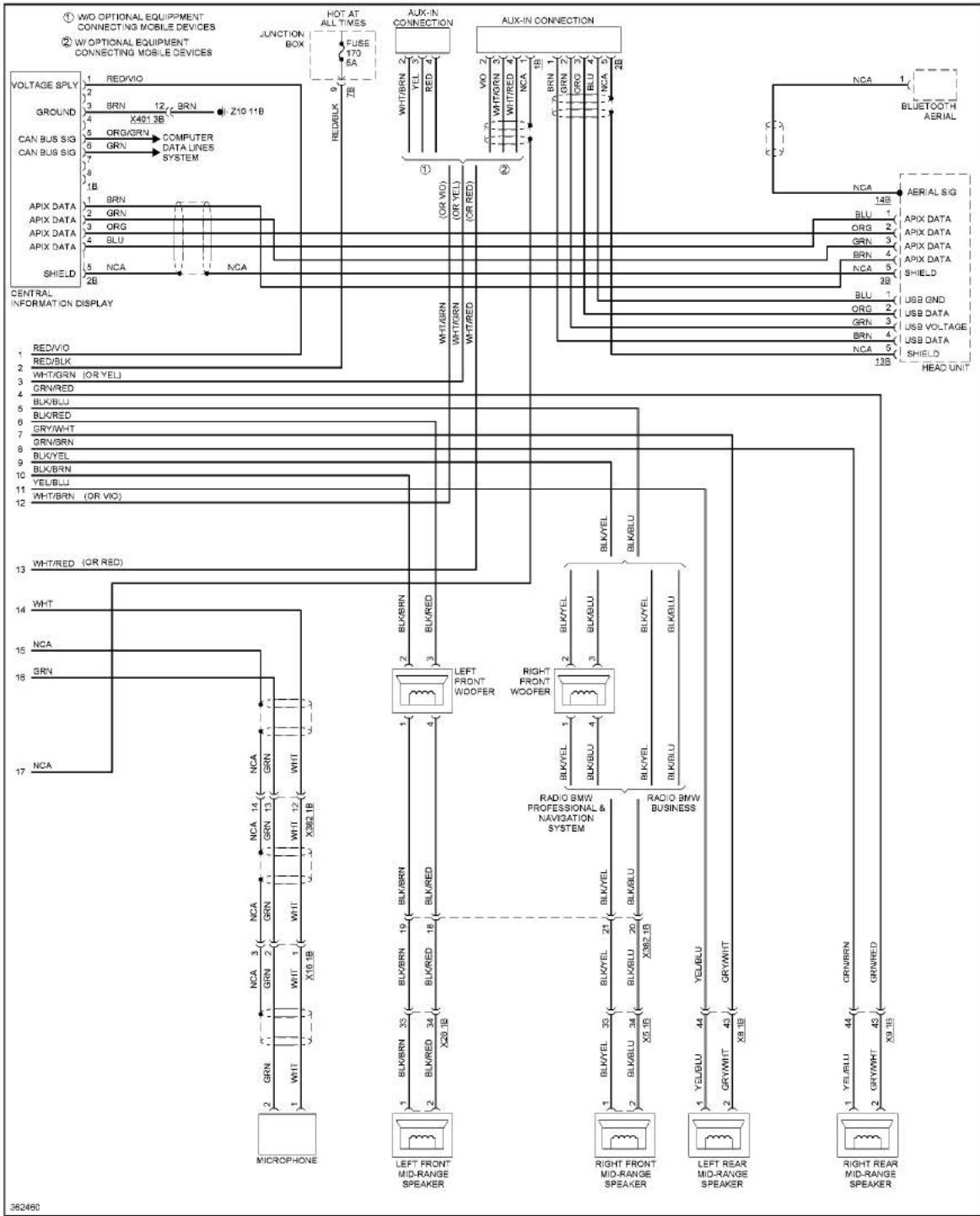


Fig. 53: Navigation Circuit, W/O HiFi Radio (2 of 2)

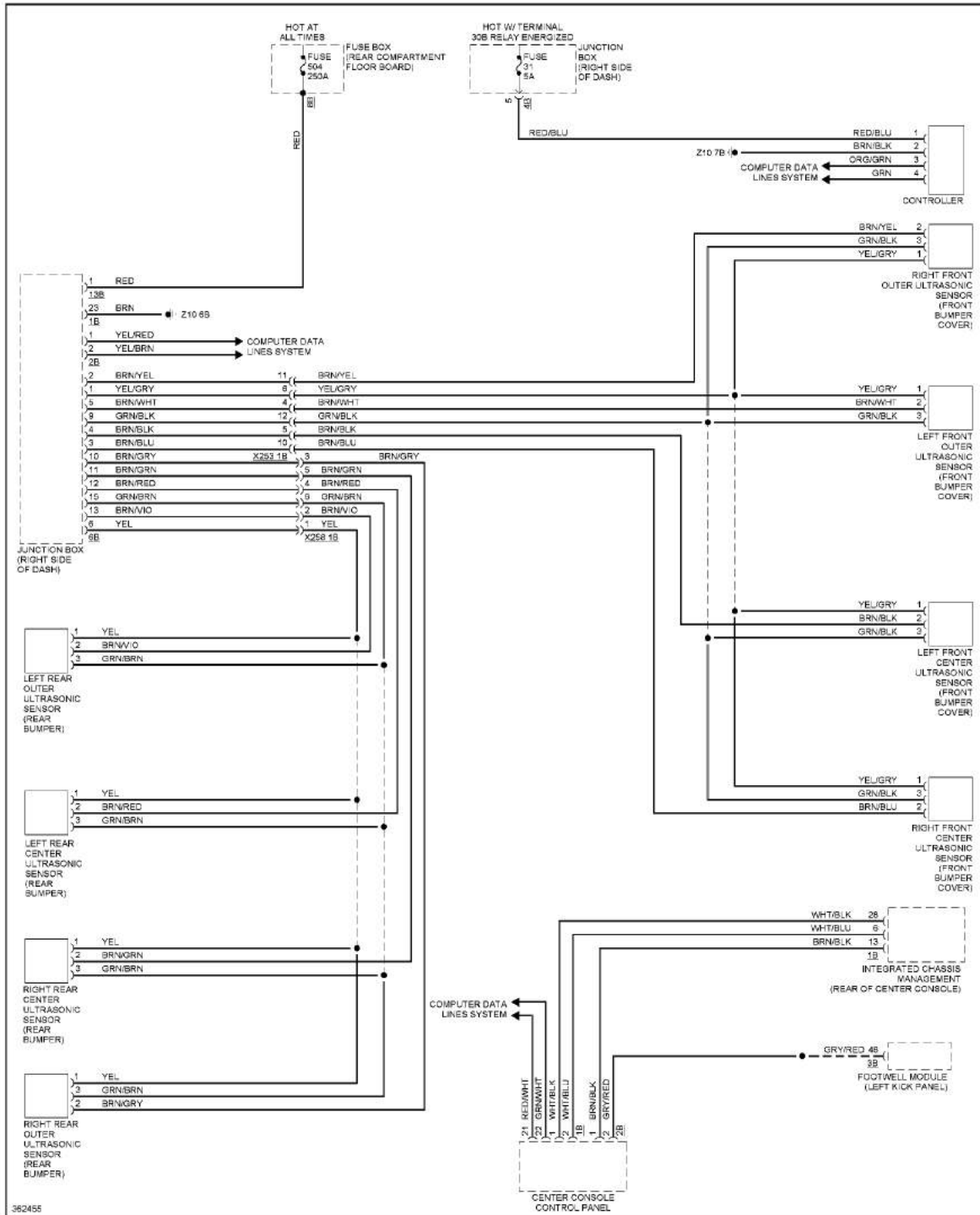


Fig. 54: Parking Assistant Circuit

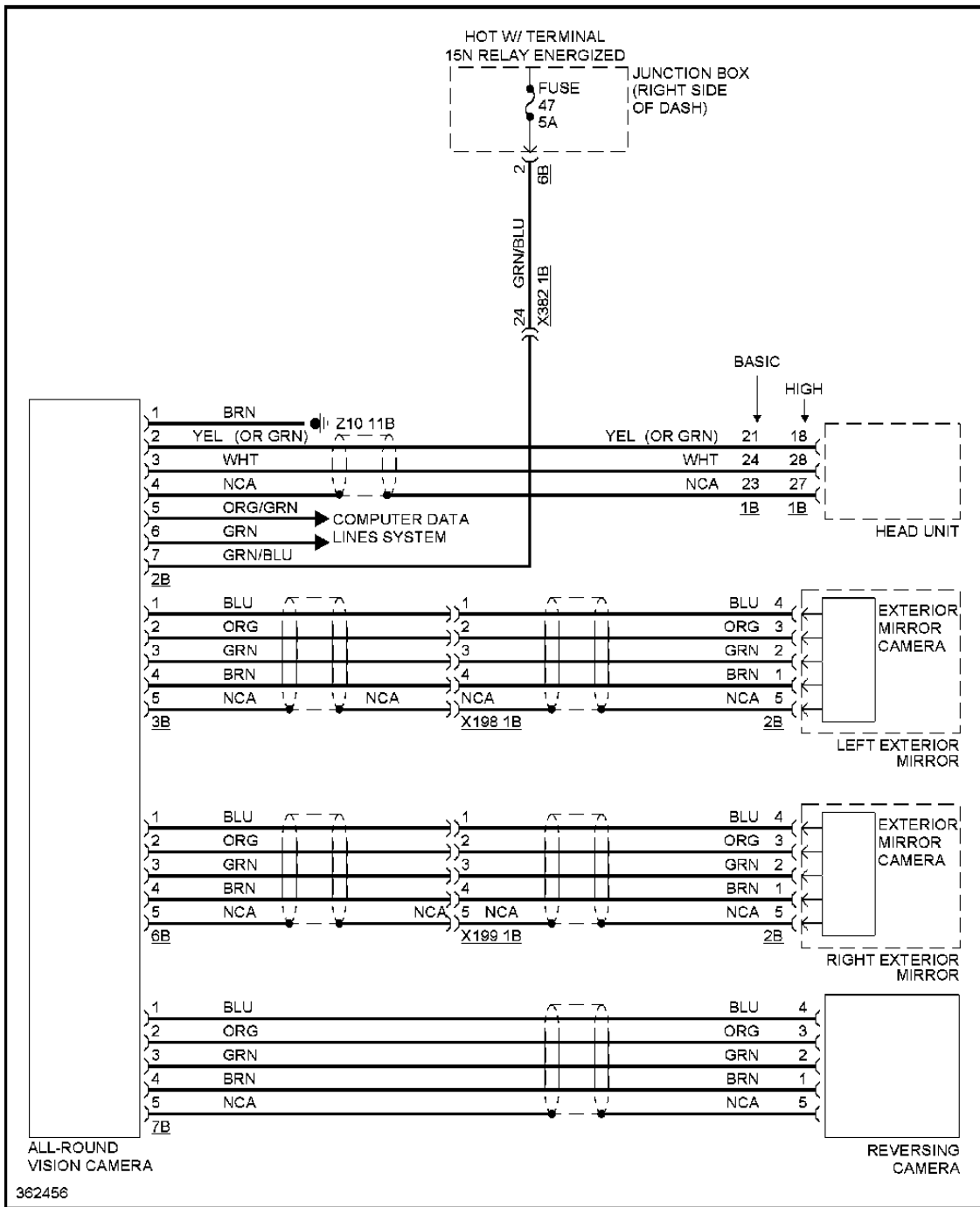


Fig. 55: Rear Camera Circuit

POWER DISTRIBUTION

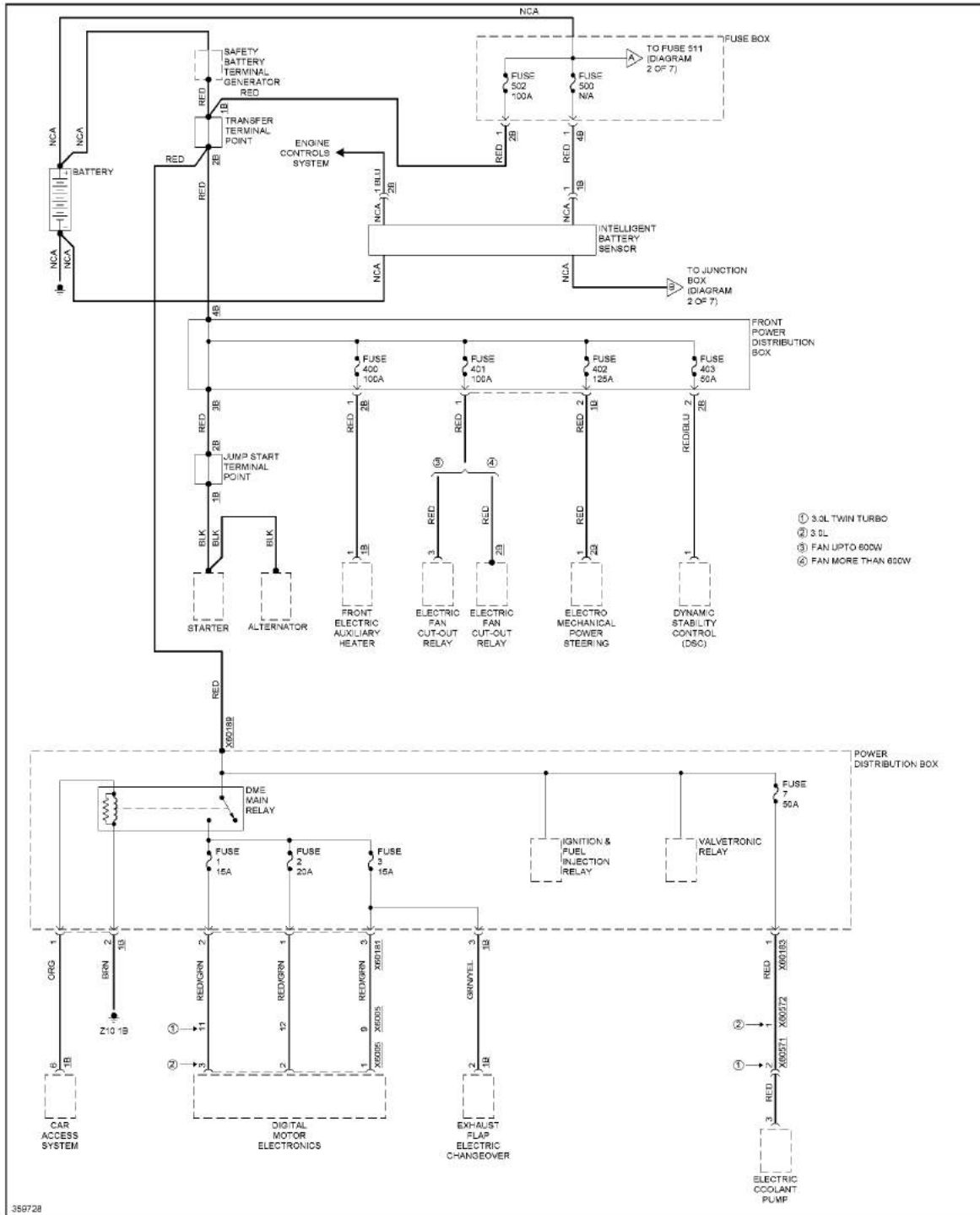


Fig. 56: Power Distribution Circuit (1 of 7)

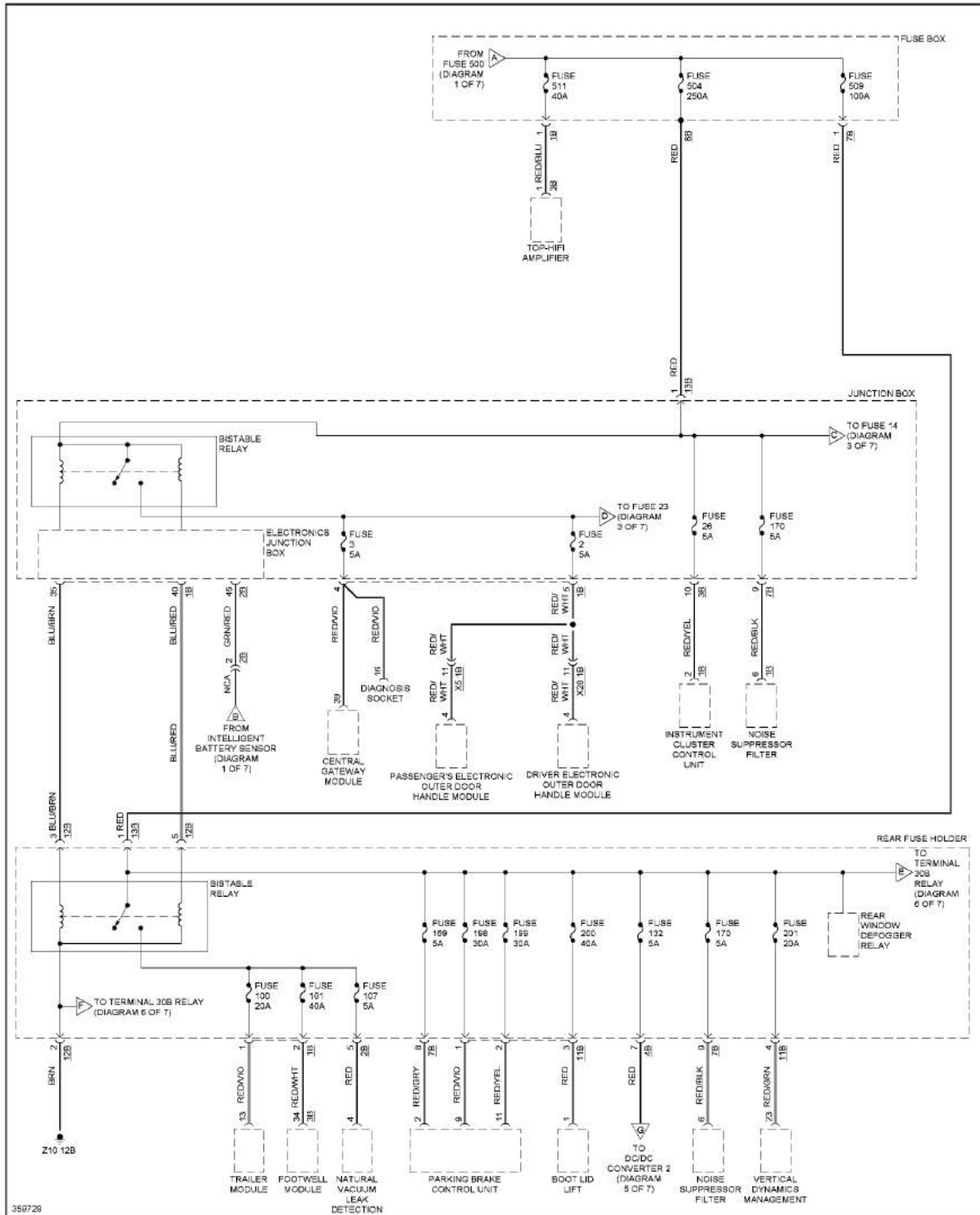


Fig. 57: Power Distribution Circuit (2 of 7)

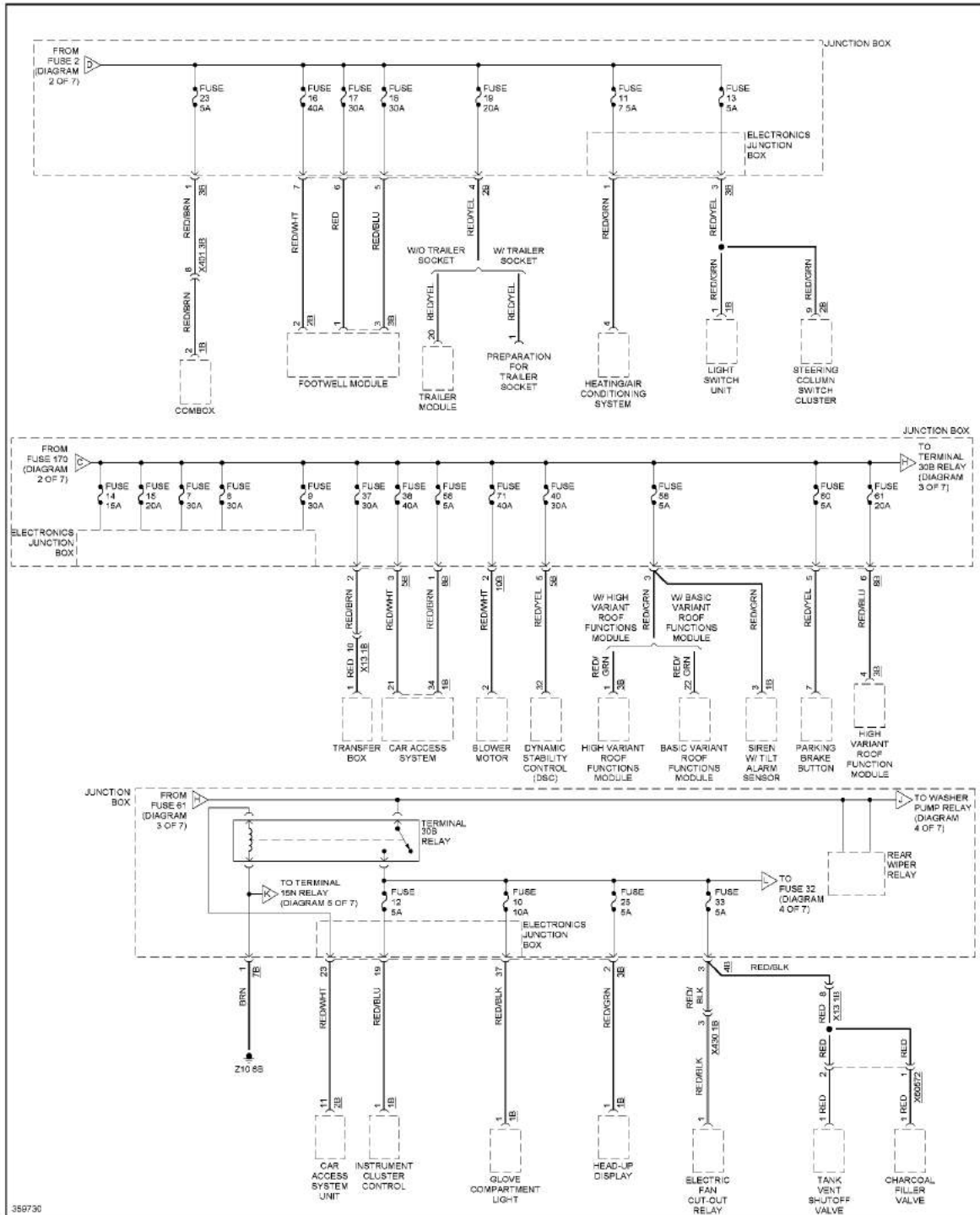


Fig. 58: Power Distribution Circuit (3 of 7)

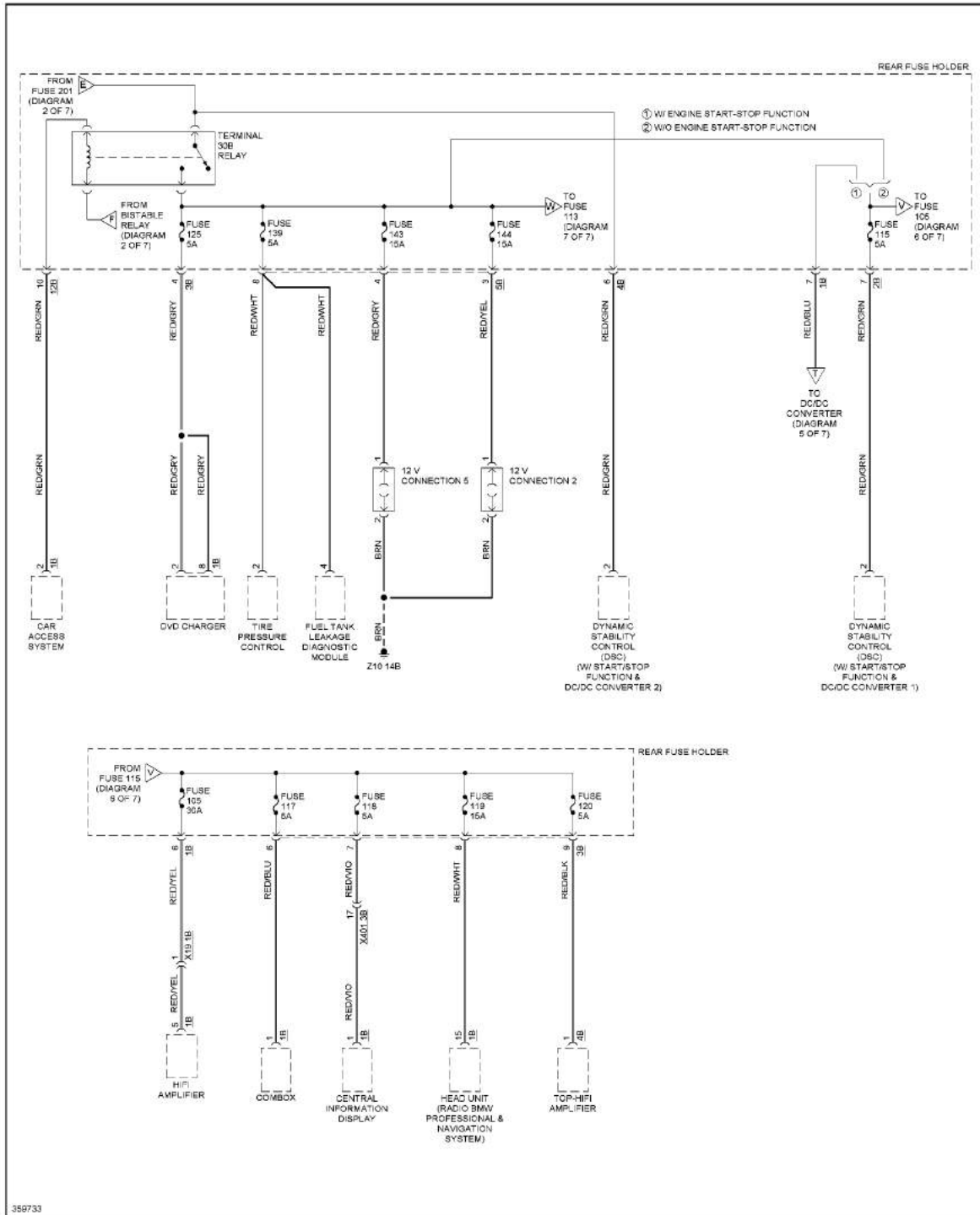


Fig. 61: Power Distribution Circuit (6 of 7)

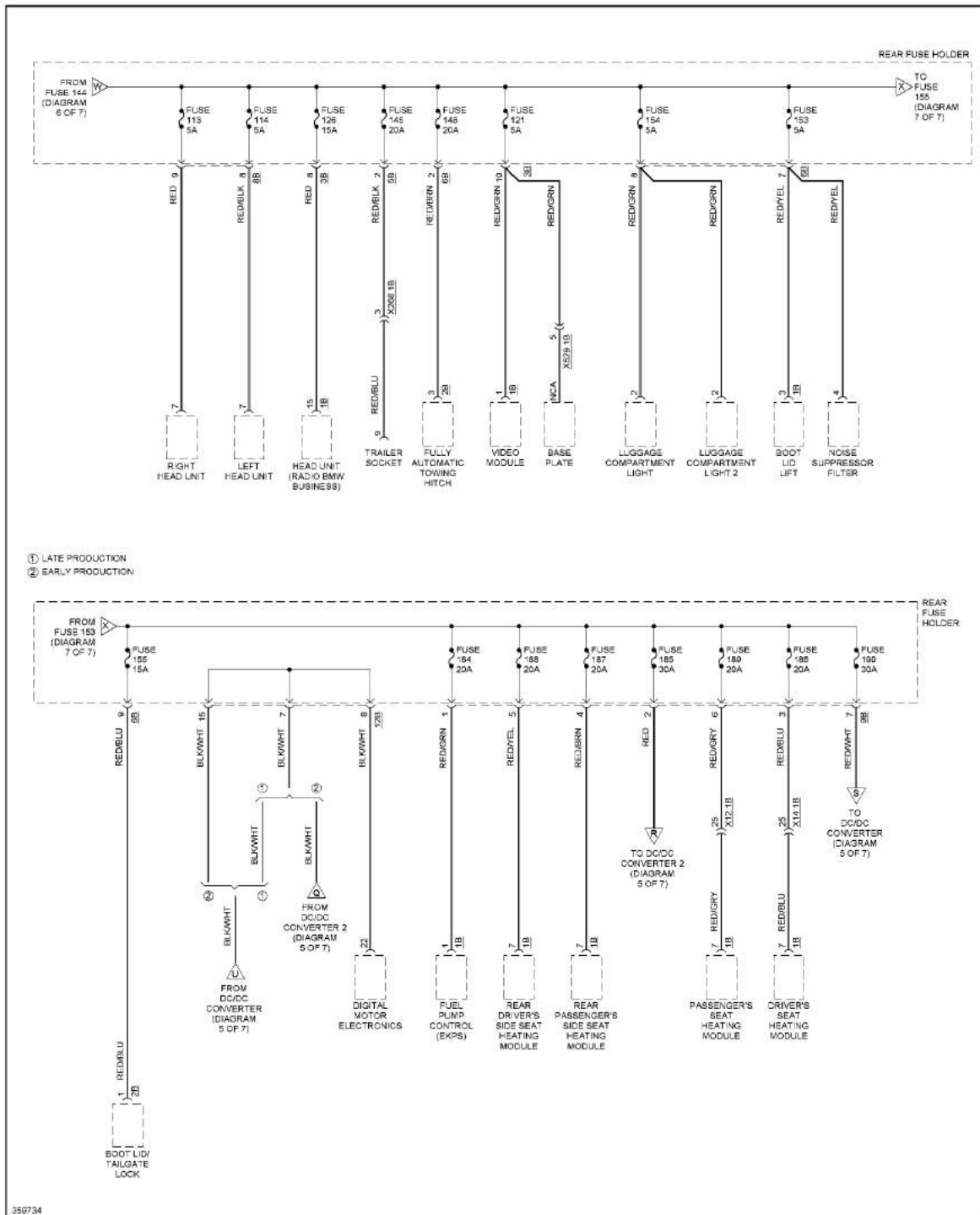


Fig. 62: Power Distribution Circuit (7 of 7)

POWER DOOR LOCKS

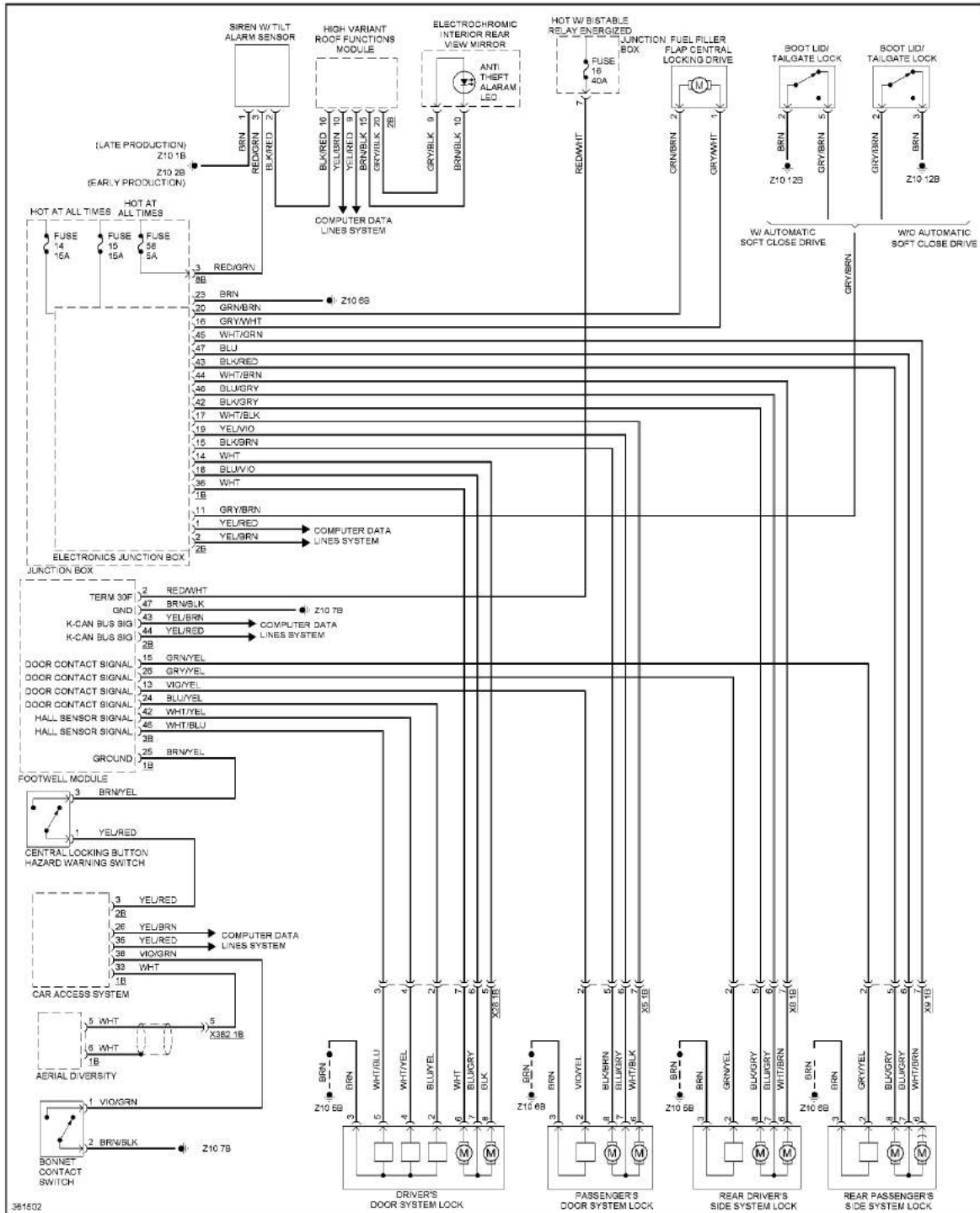


Fig. 63: Power Door Locks Circuit

POWER MIRRORS

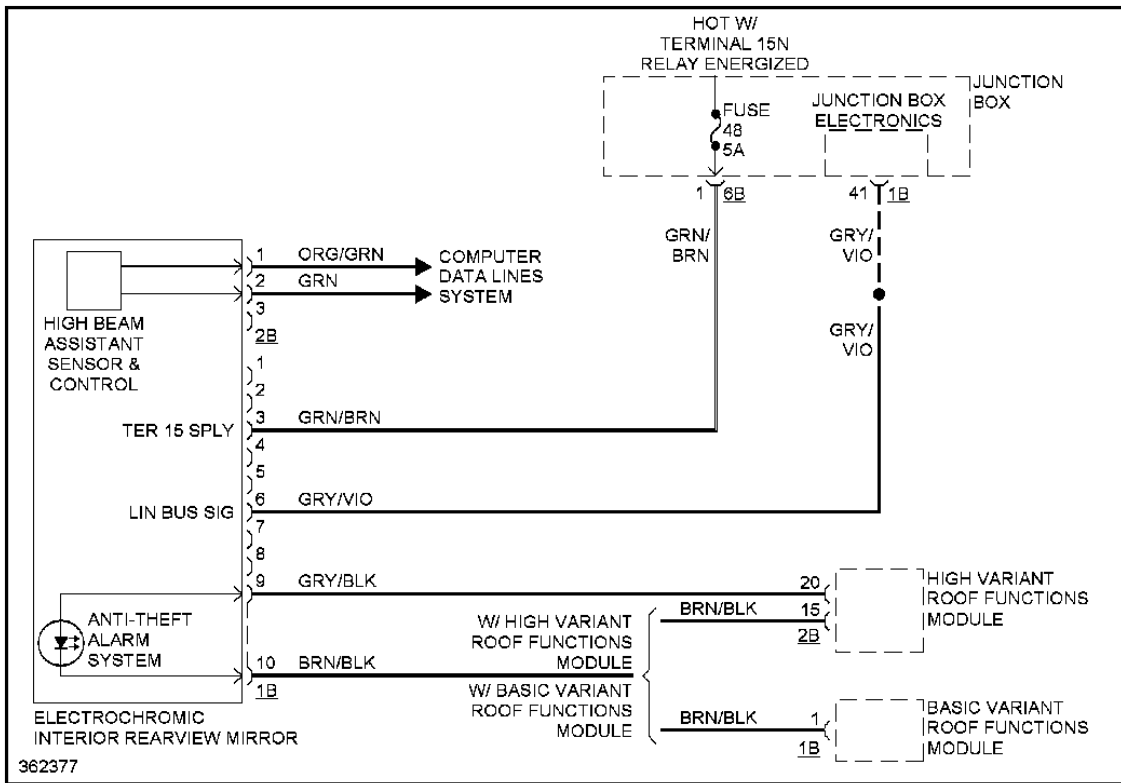


Fig. 64: Electrochromic Mirror Circuit

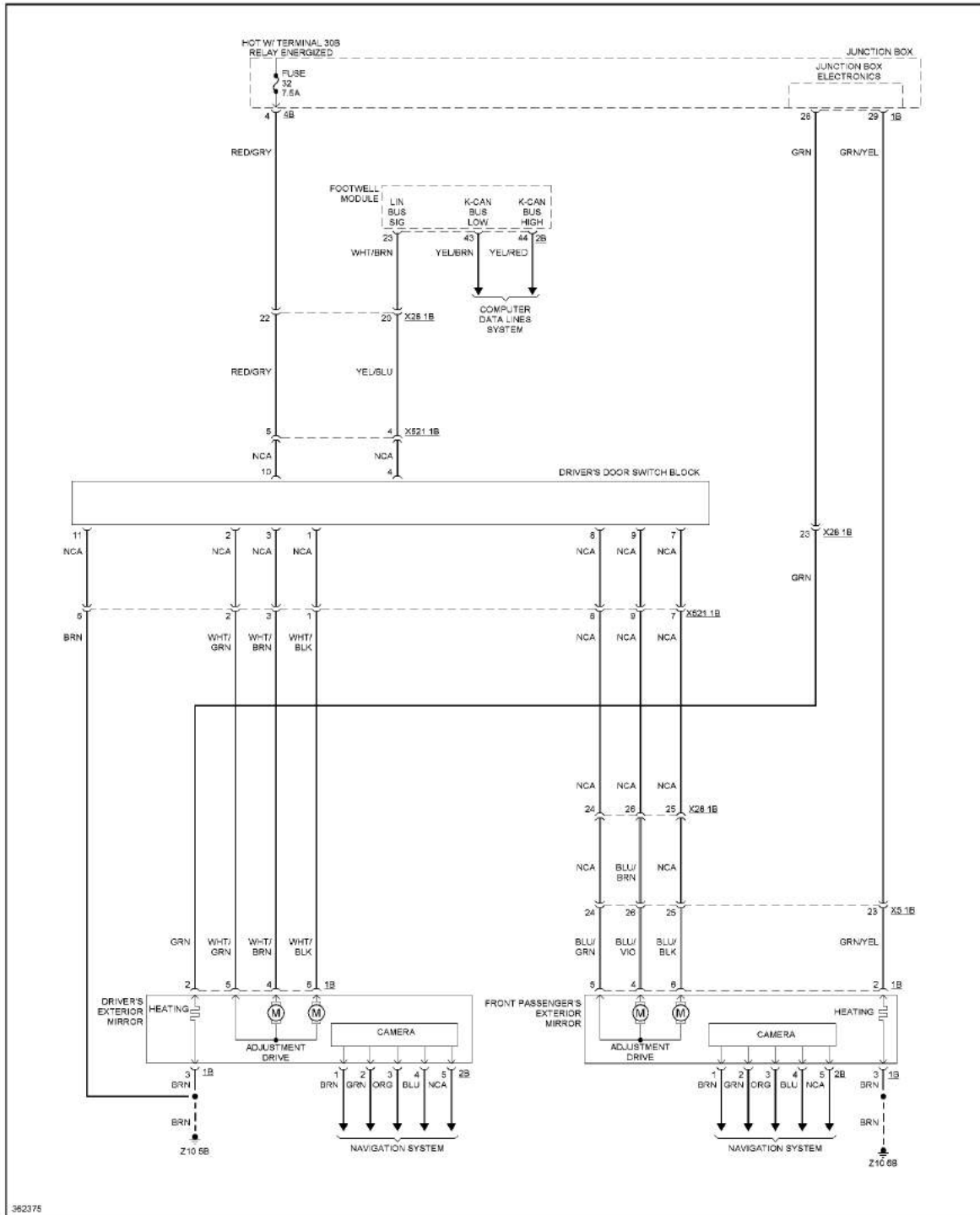


Fig. 65: Power Mirrors Circuit, W/ Basic Version

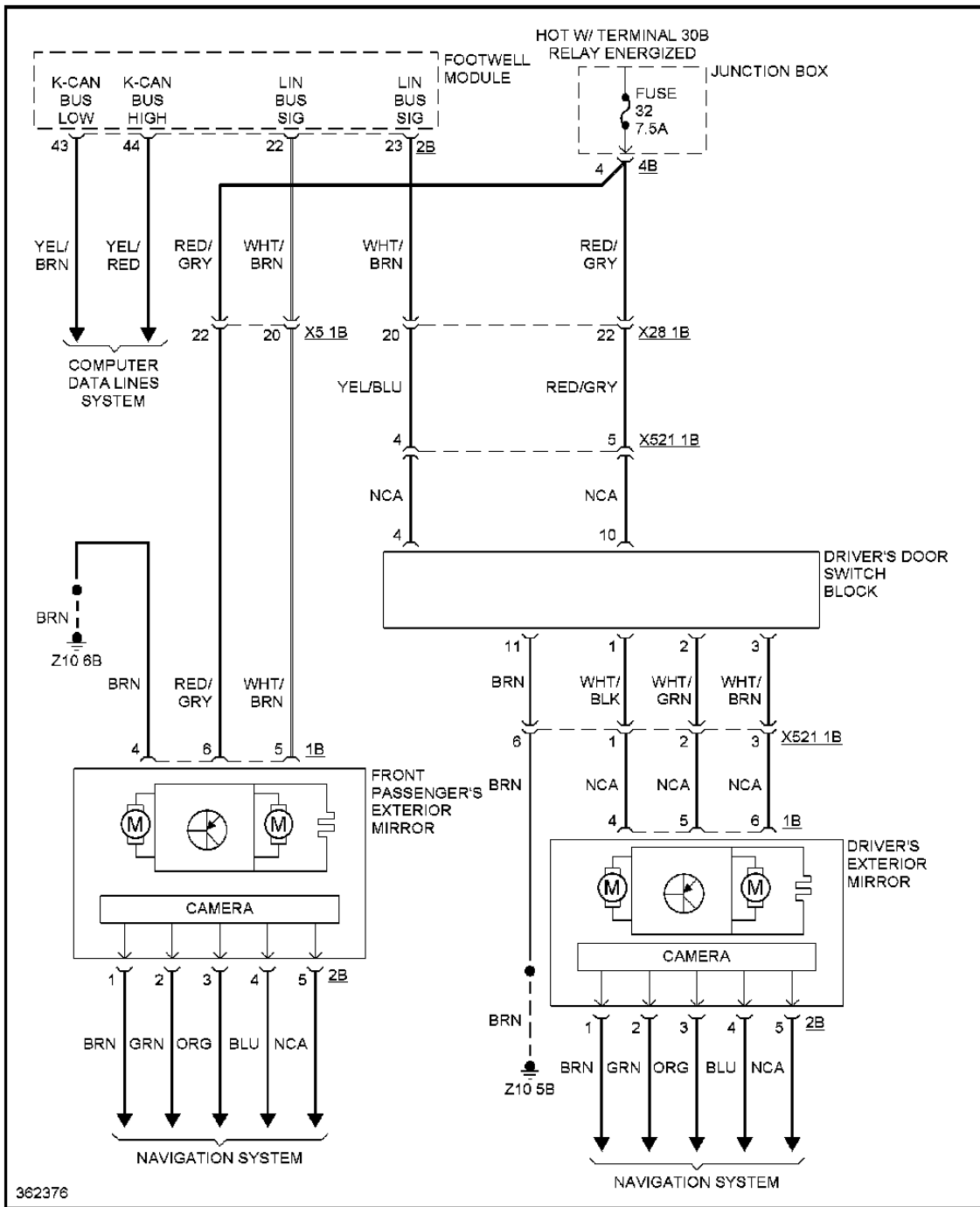


Fig. 66: Power Mirrors Circuit, W/ High Version

POWER SEATS

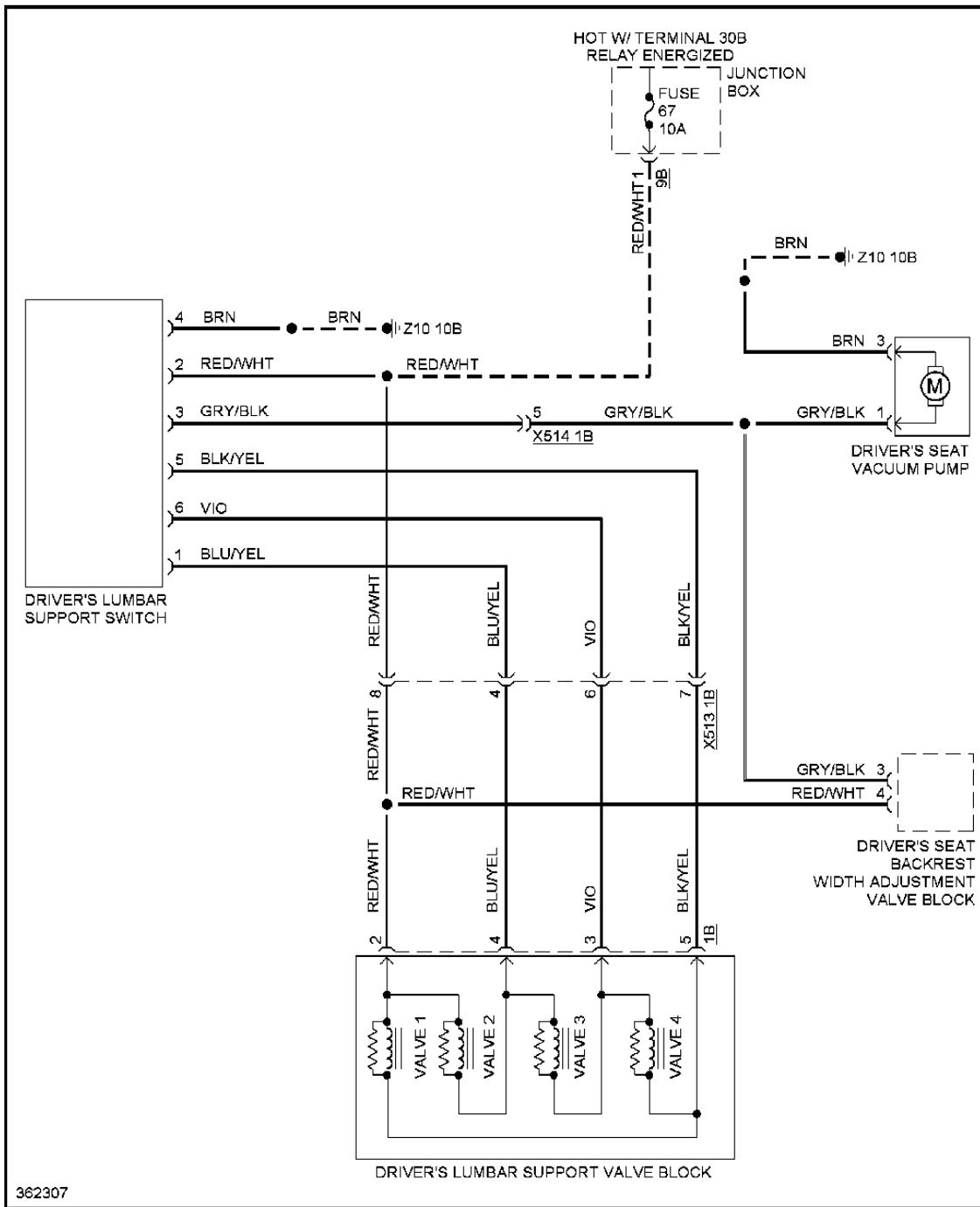


Fig. 67: Driver's Lumbar Circuit

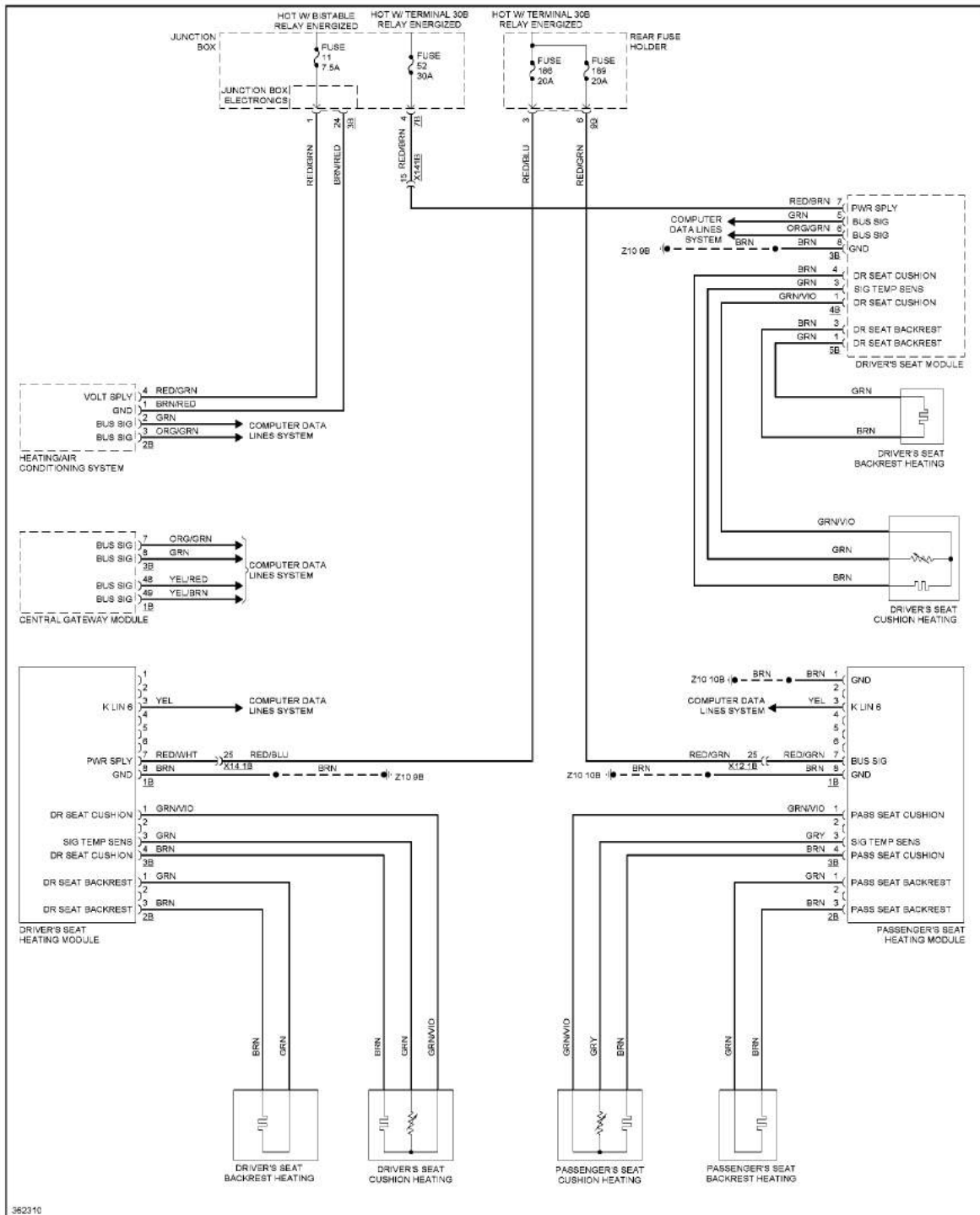


Fig. 68: Front Heated Seats Circuit

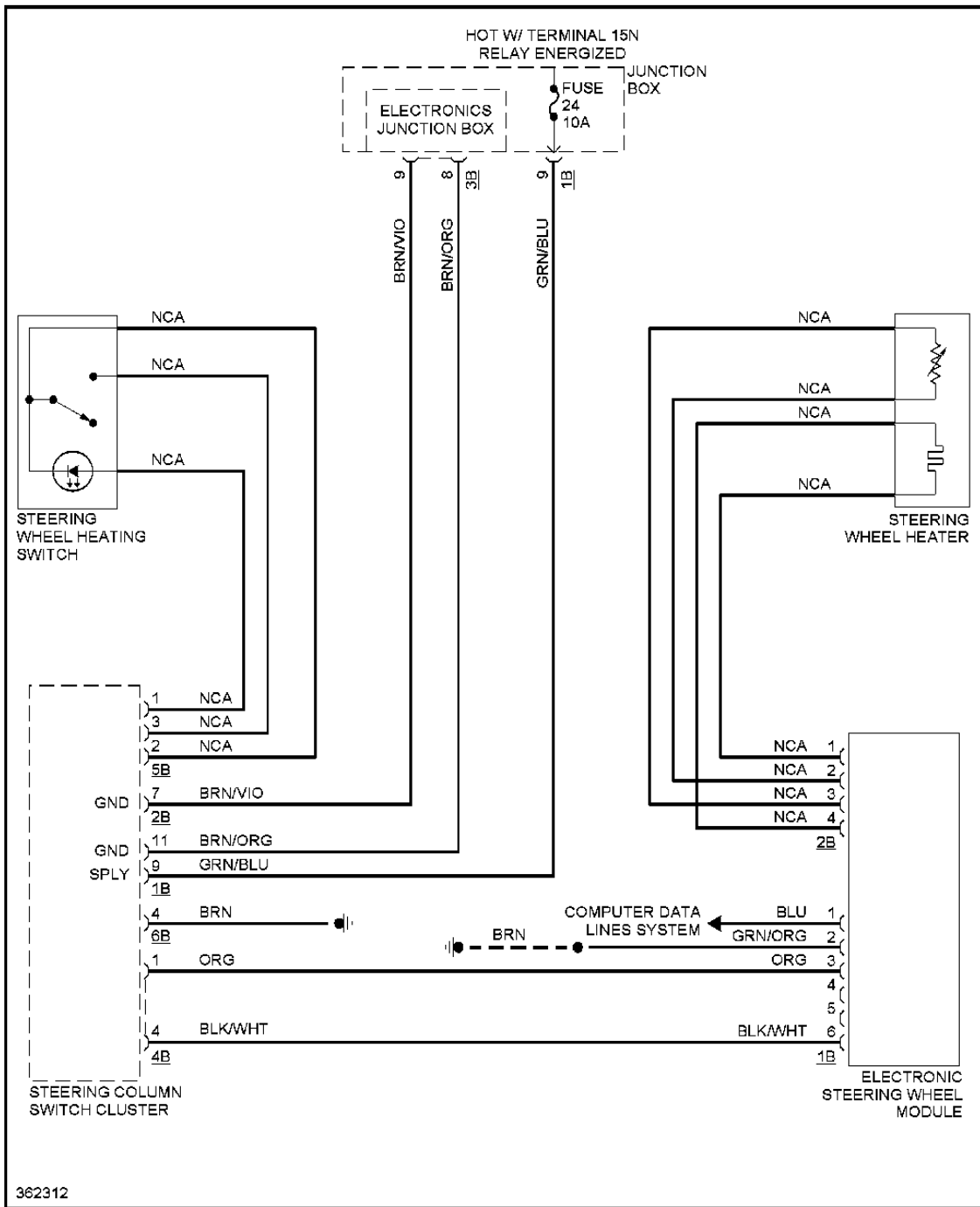


Fig. 69: Heated Steering Wheel Circuit

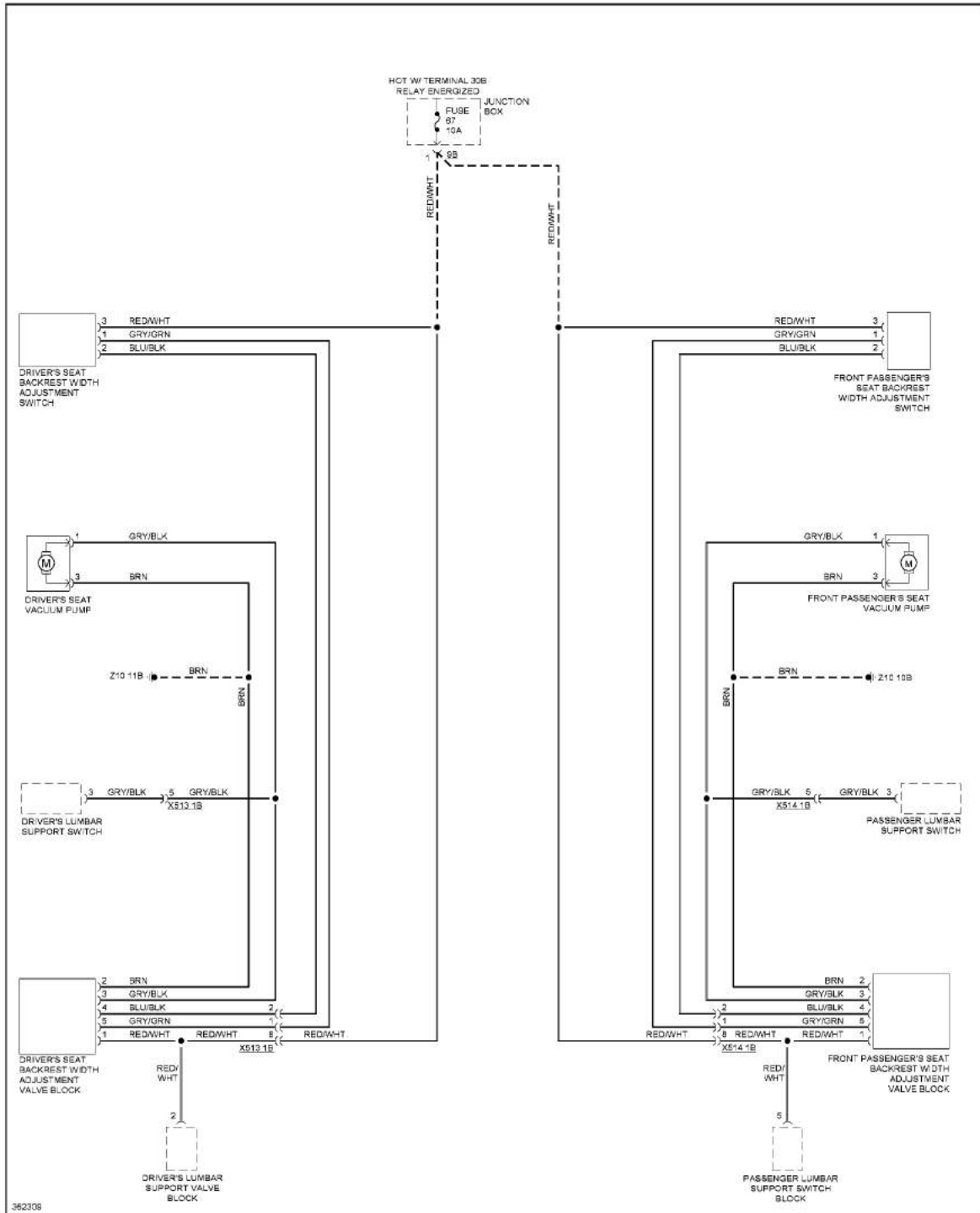


Fig. 70: Orthopedic Seats Circuit

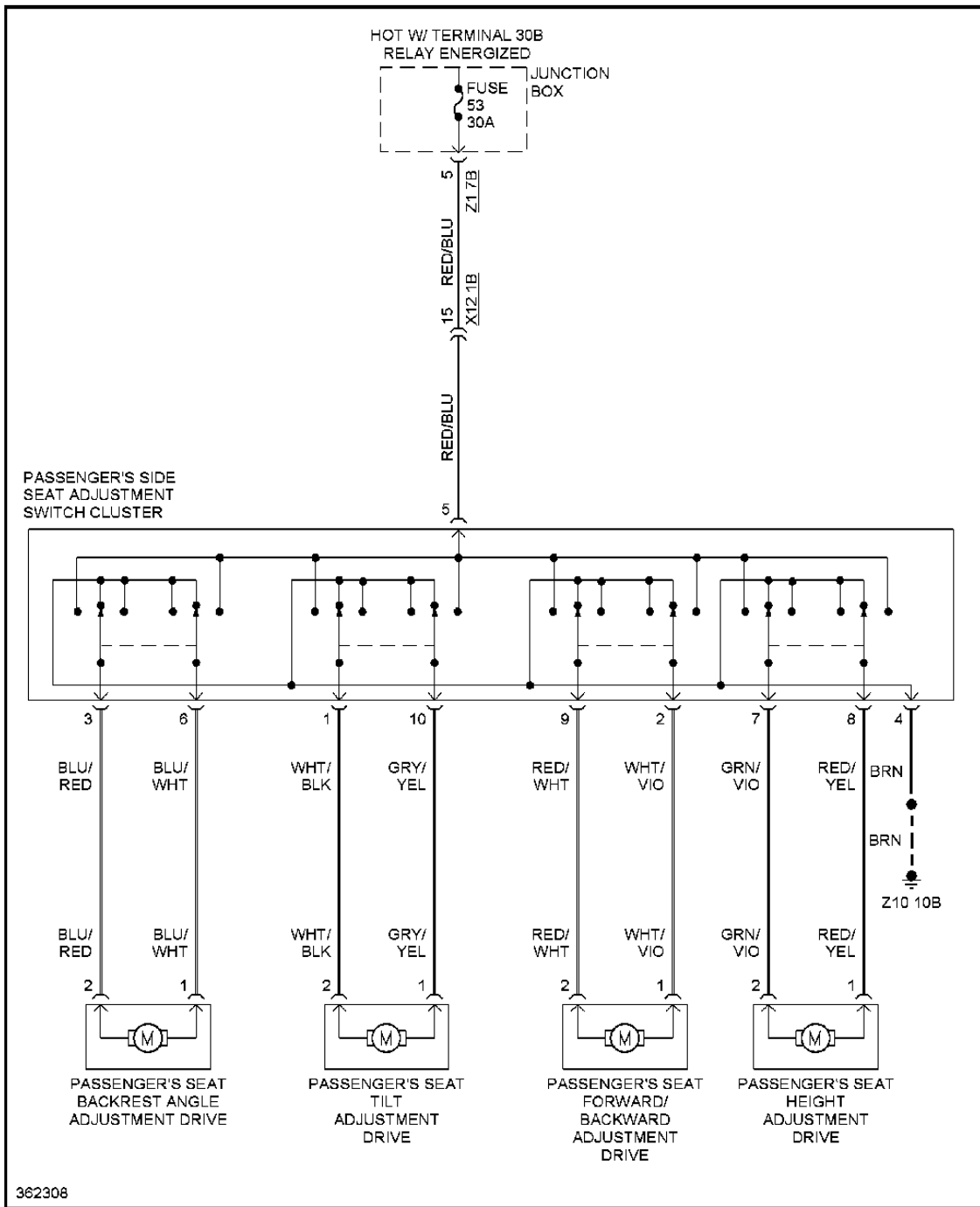


Fig. 71: Passenger Power Seat Circuit

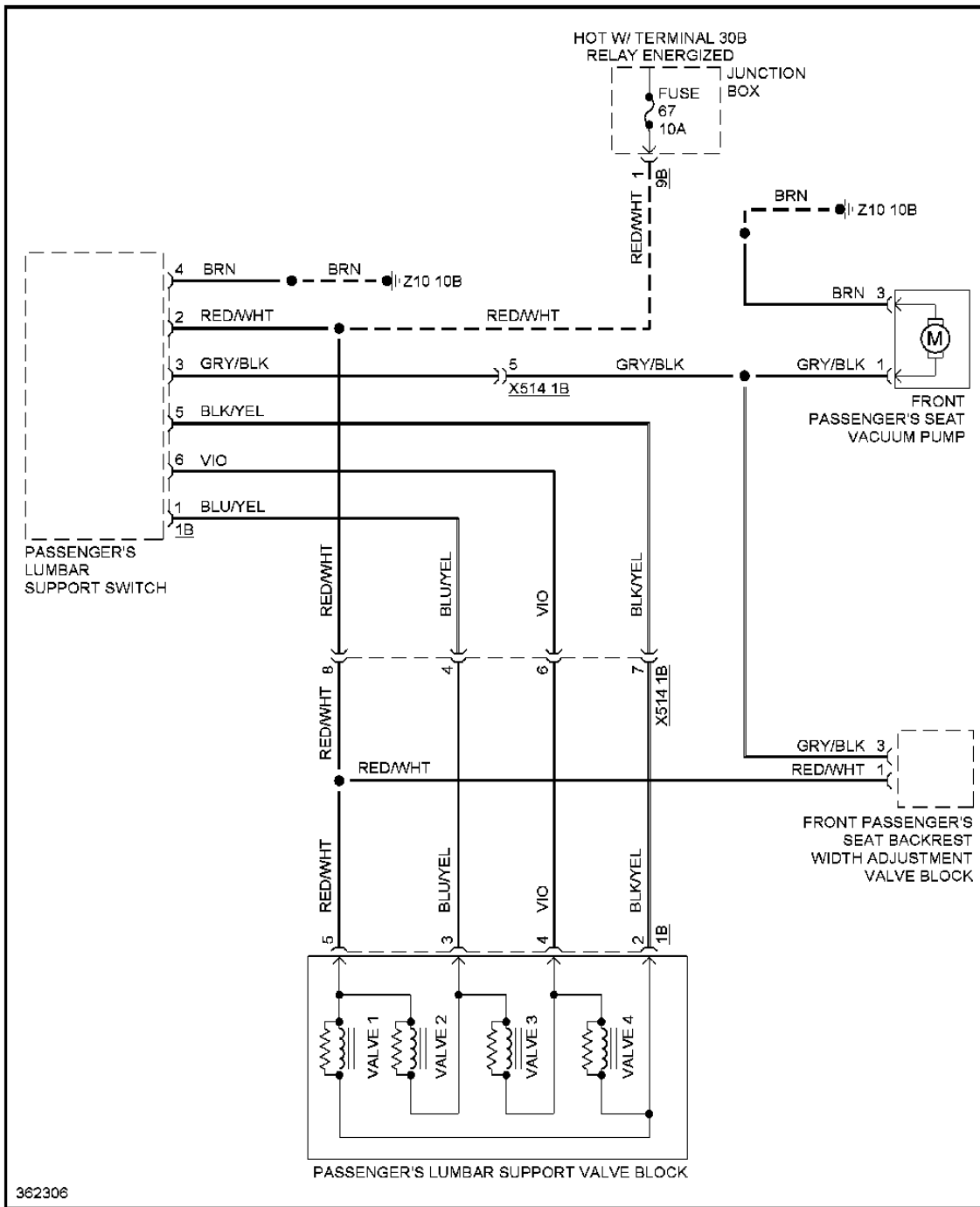


Fig. 72: Passenger's Lumbar Circuit

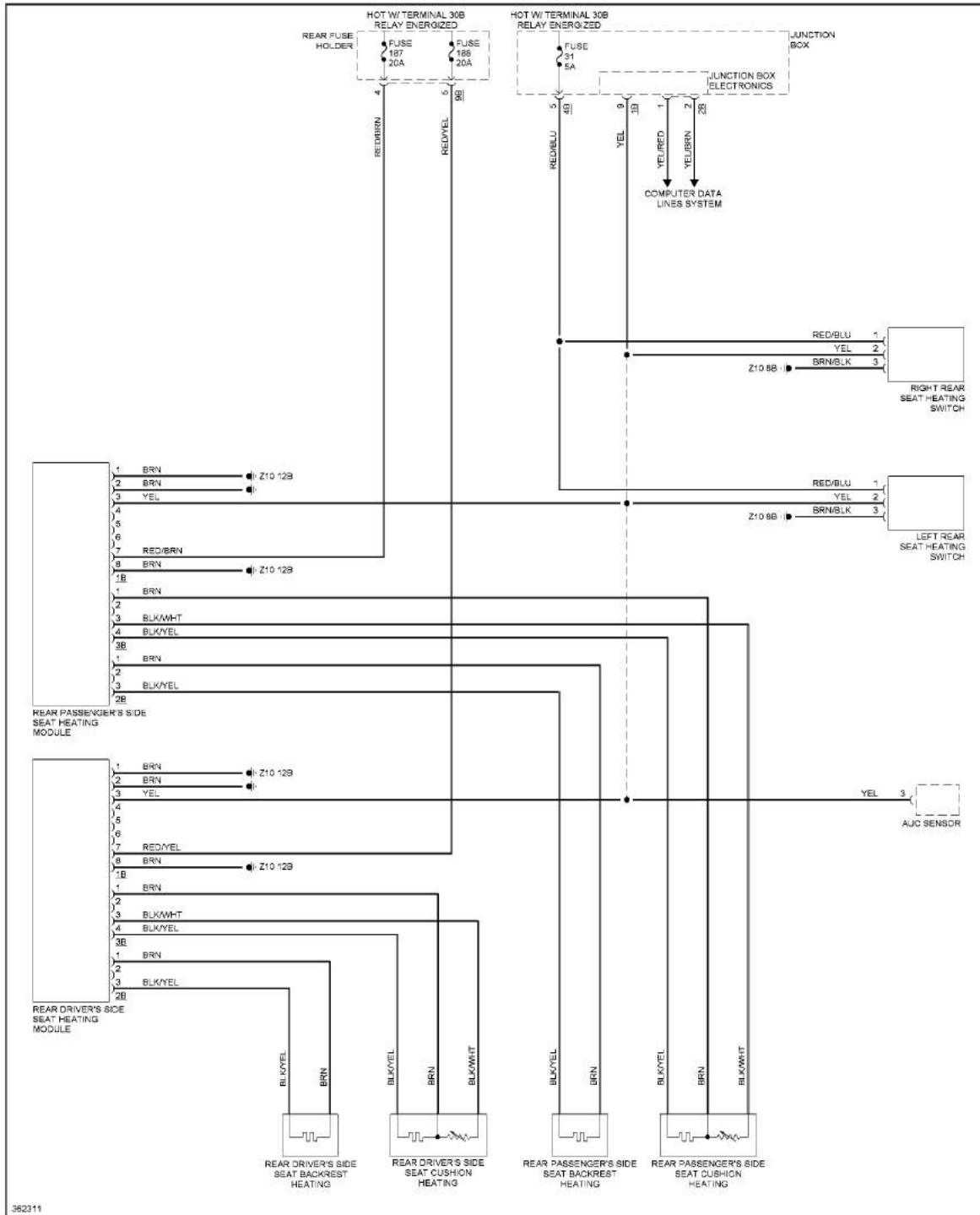


Fig. 73: Rear Heated Seats Circuit

POWER TOP/SUNROOF

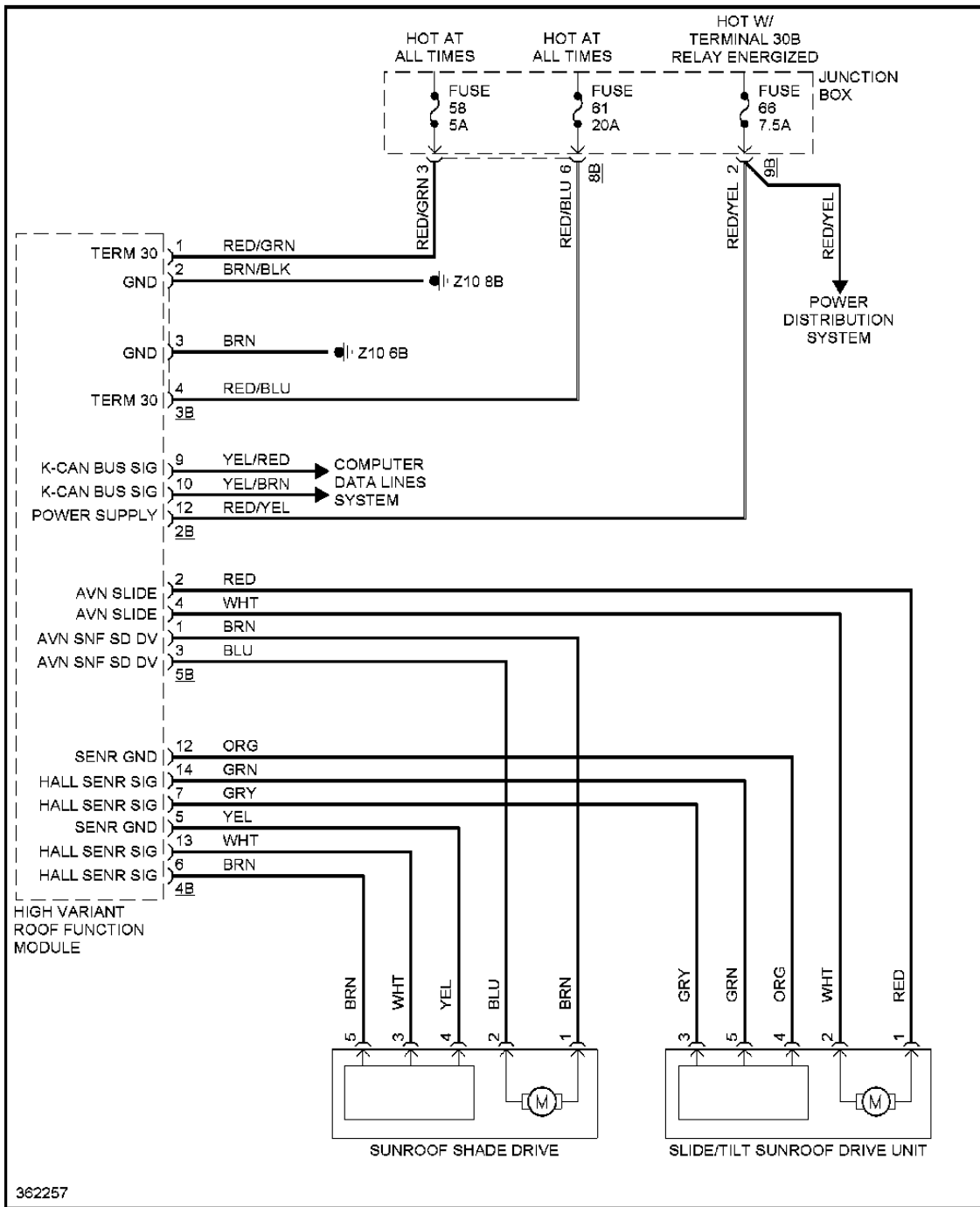


Fig. 74: Power Top/Sunroof Circuit

POWER WINDOWS

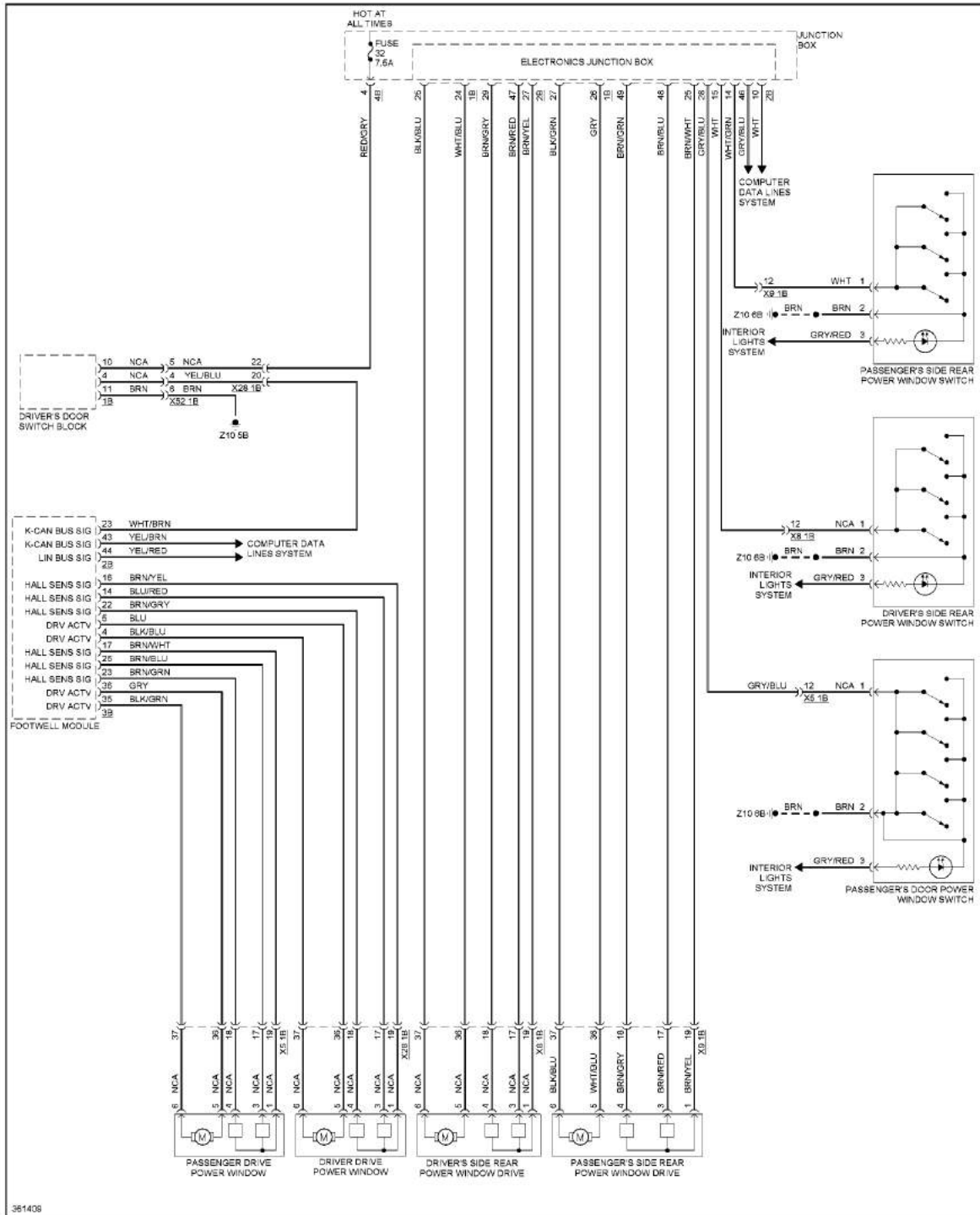


Fig. 75: Power Windows Circuit

RADIO

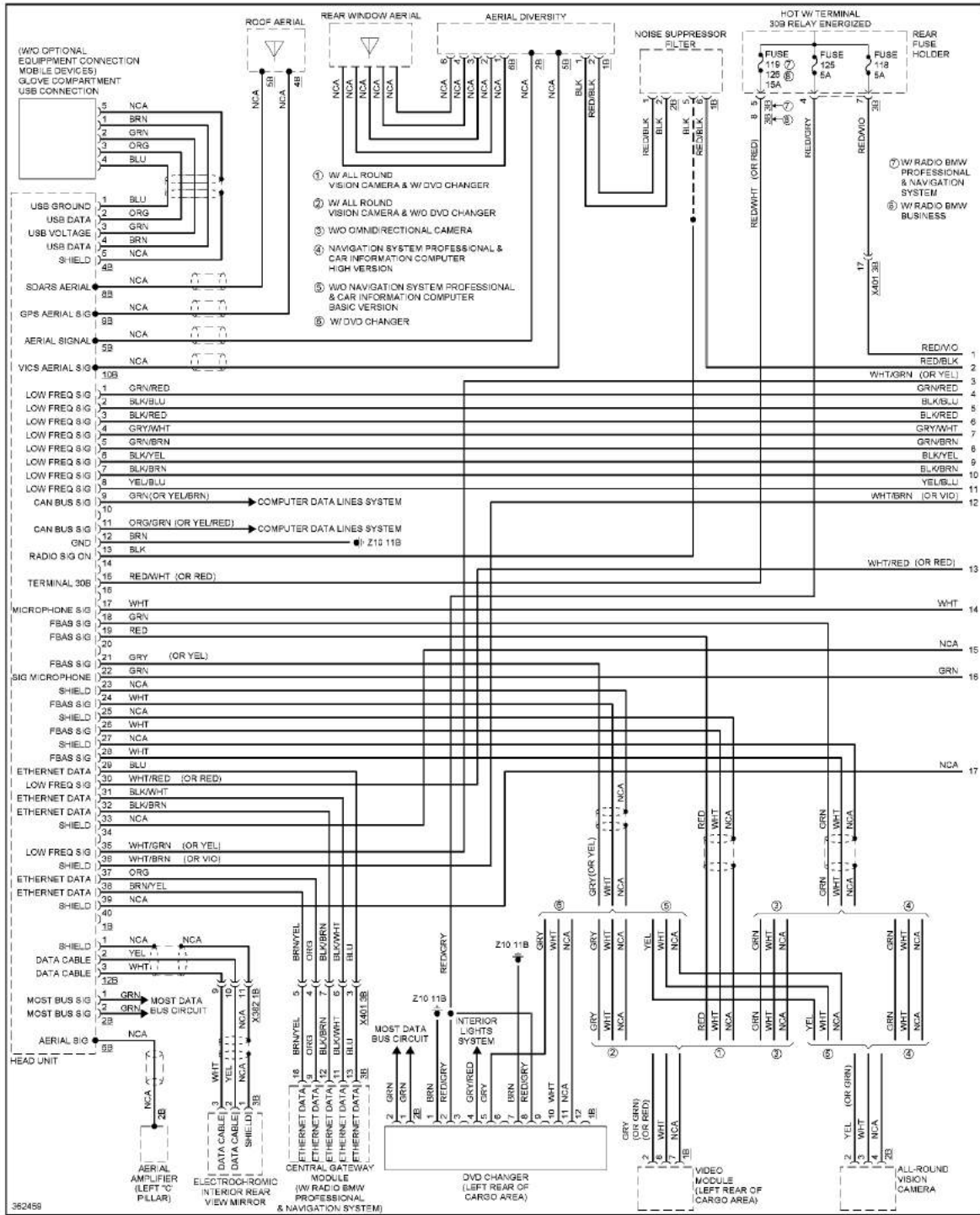


Fig. 76: Base Radio Circuit (1 of 2)

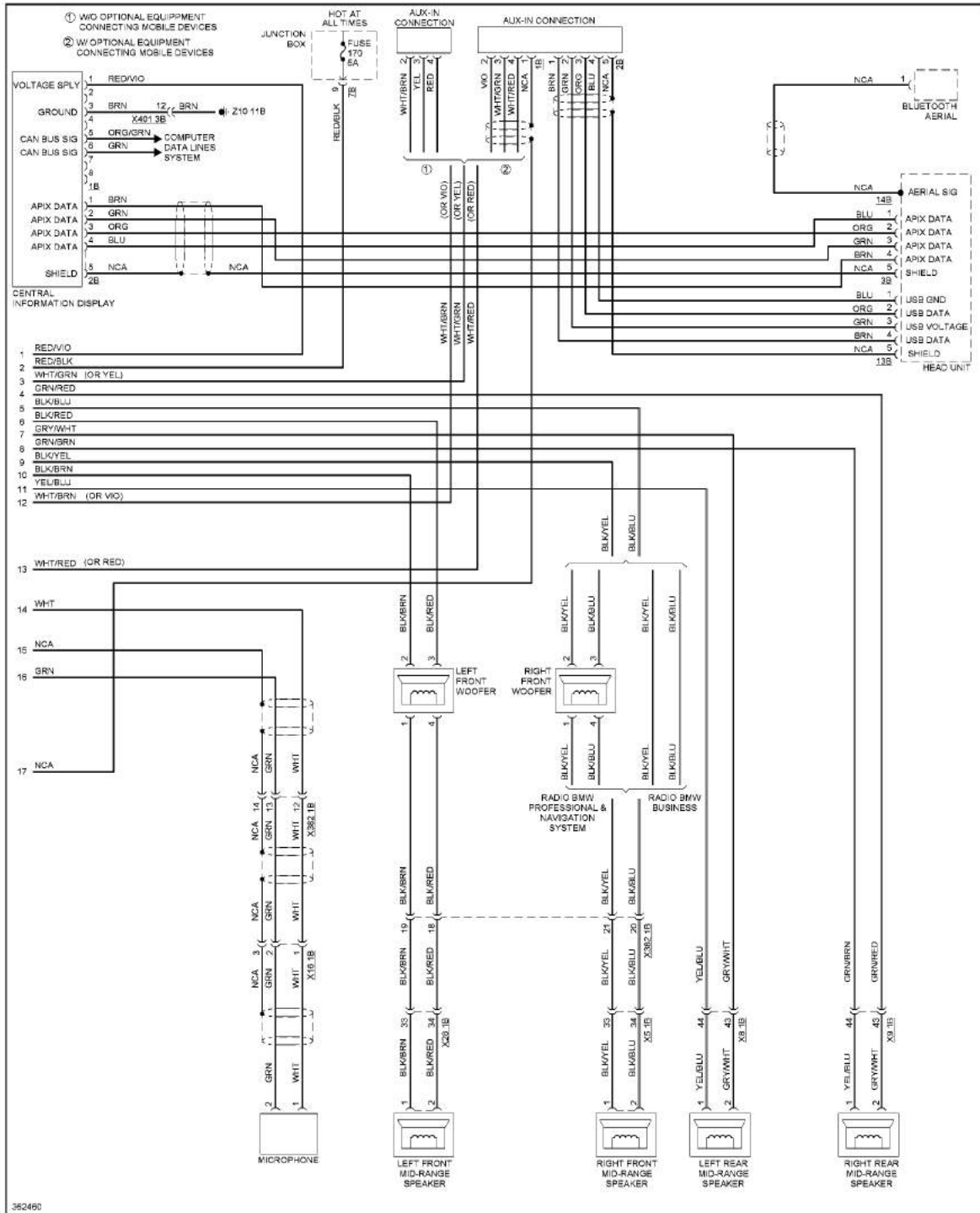


Fig. 77: Base Radio Circuit (2 of 2)

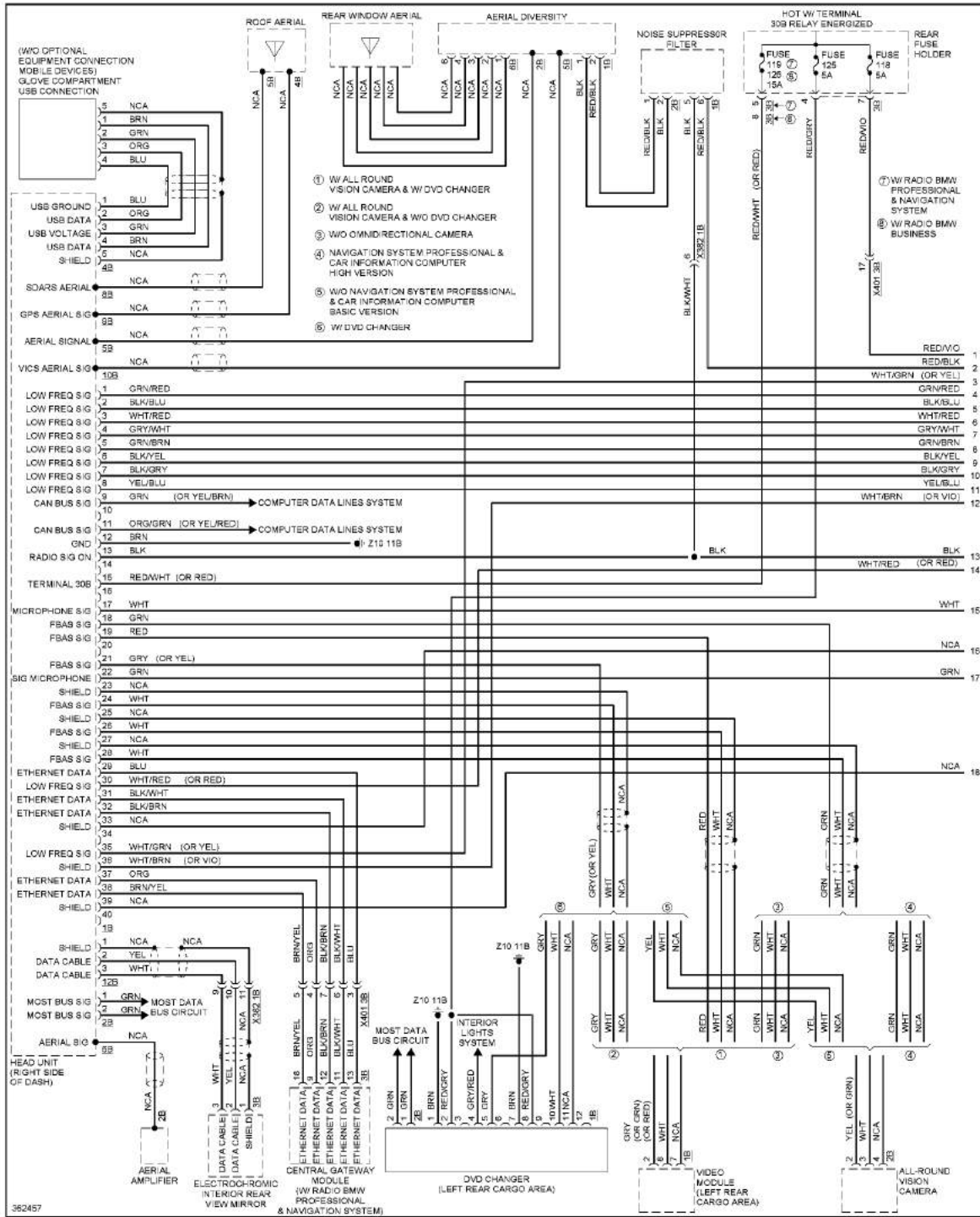


Fig. 78: HiFi Radio Circuit (1 of 2)

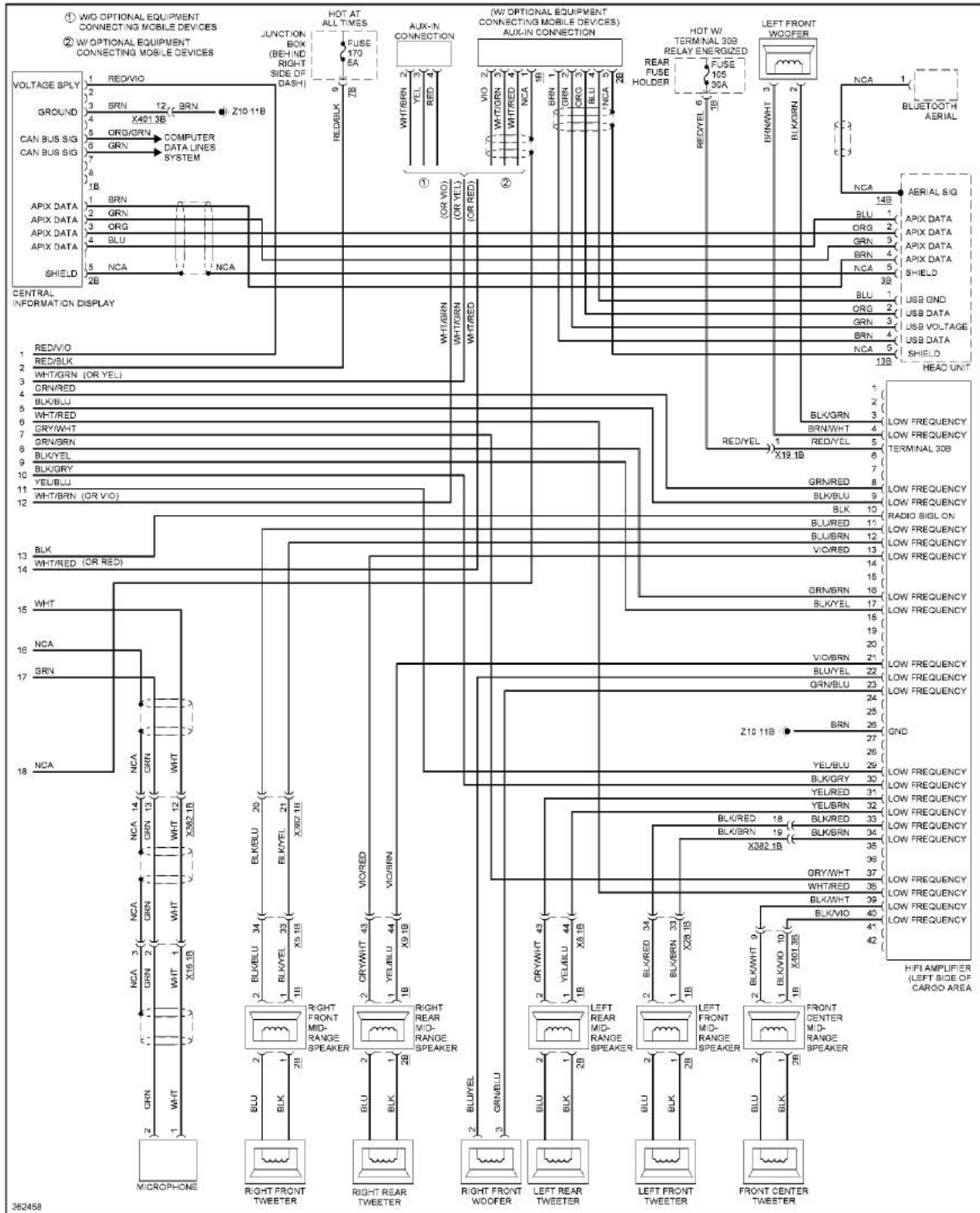


Fig. 79: HiFi Radio Circuit (2 of 2)

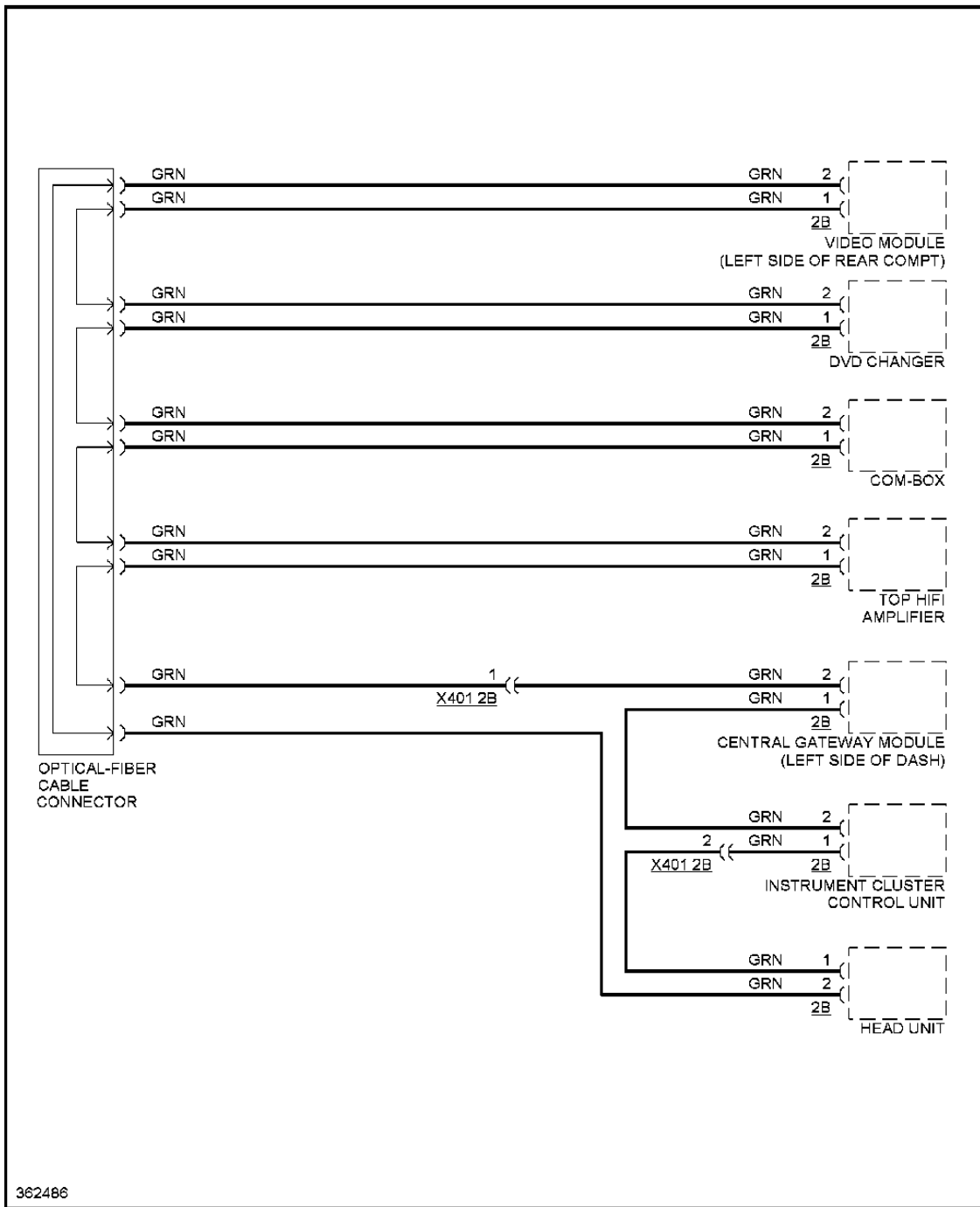


Fig. 80: MOST Data Bus Circuit

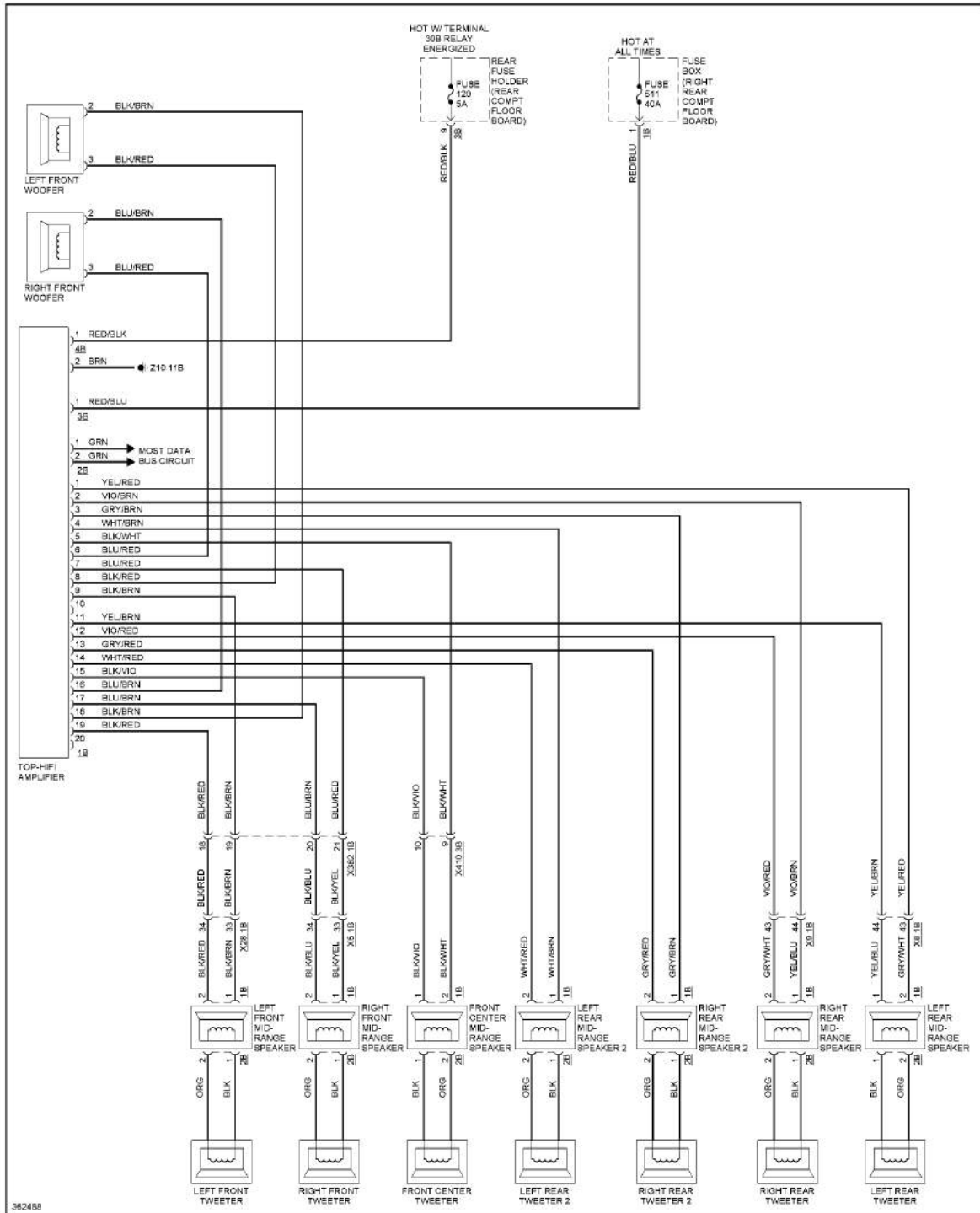


Fig. 81: Top HiFi Radio Circuit

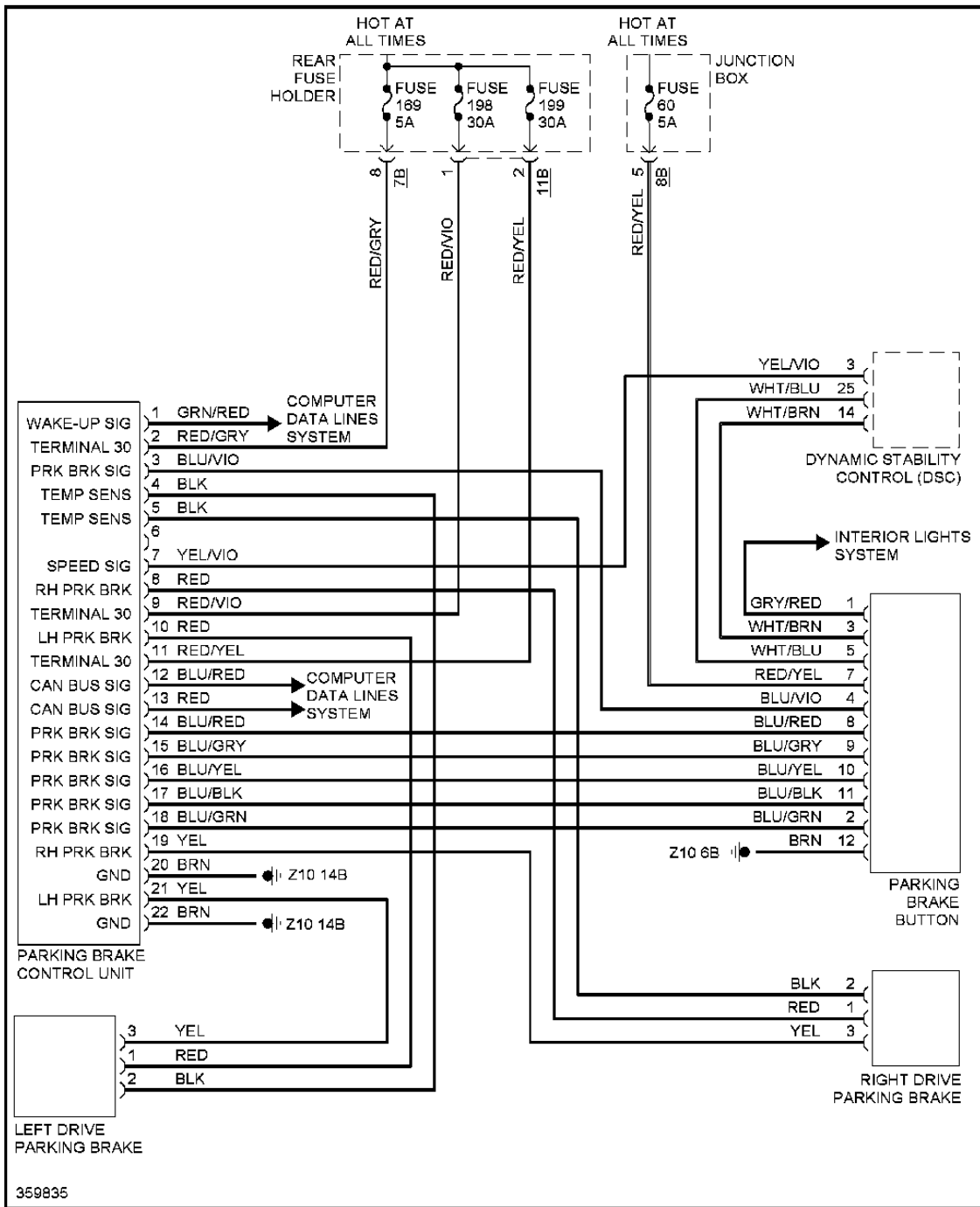


Fig. 83: Shift Interlock Circuit

STARTING/CHARGING

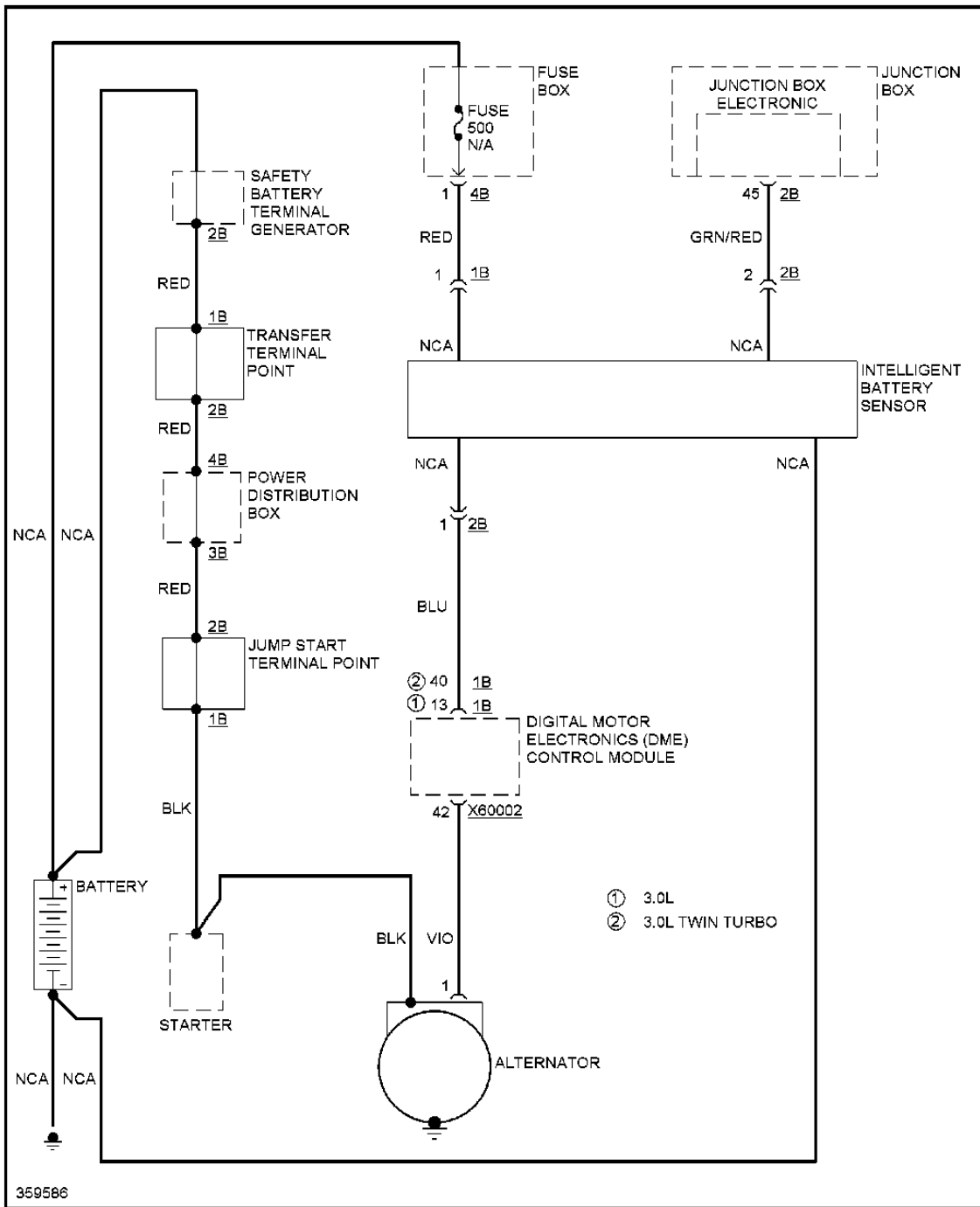


Fig. 84: Charging Circuit

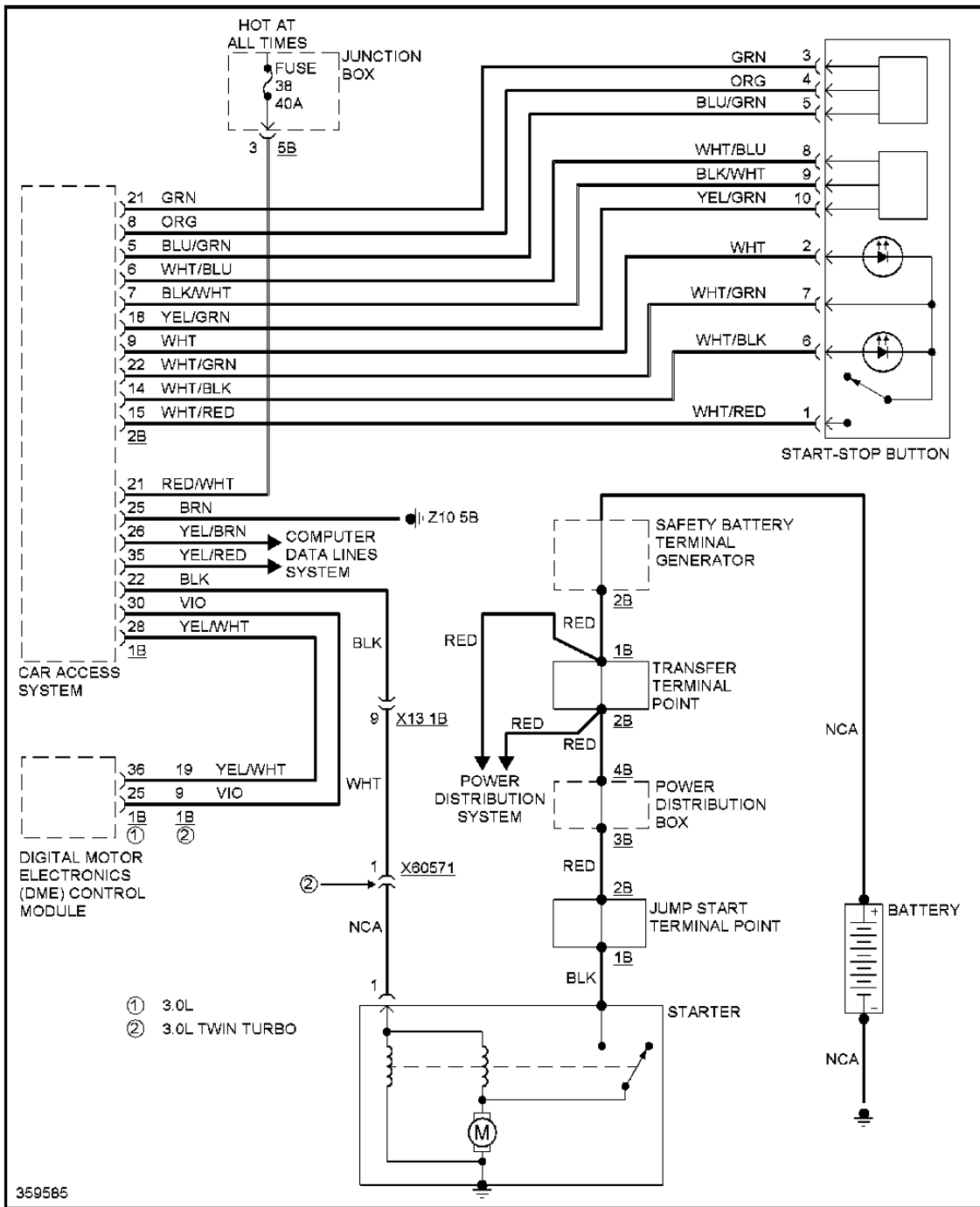


Fig. 85: Starting Circuit

SUPPLEMENTAL RESTRAINTS

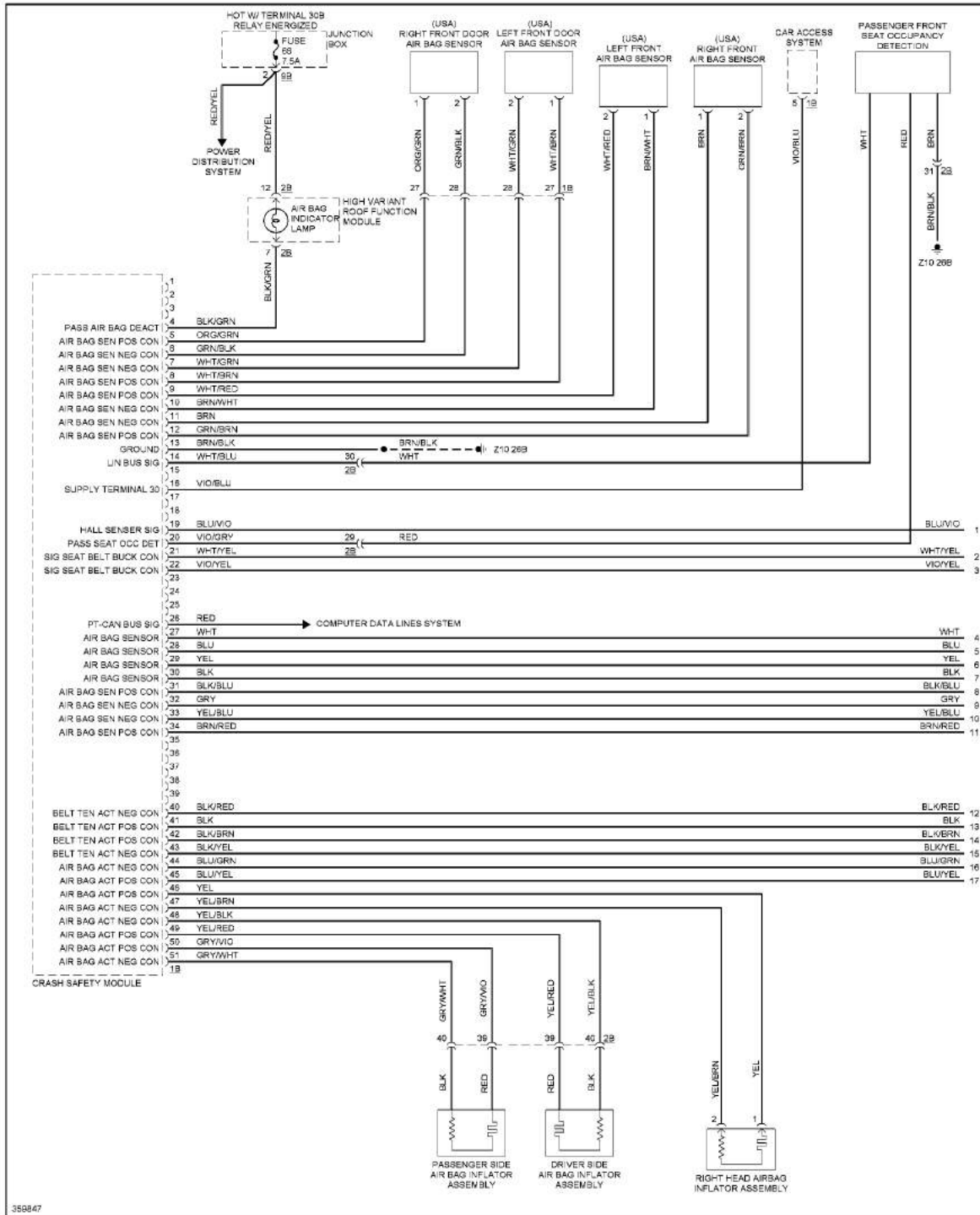


Fig. 86: Supplemental Restraints Circuit (1 of 3)

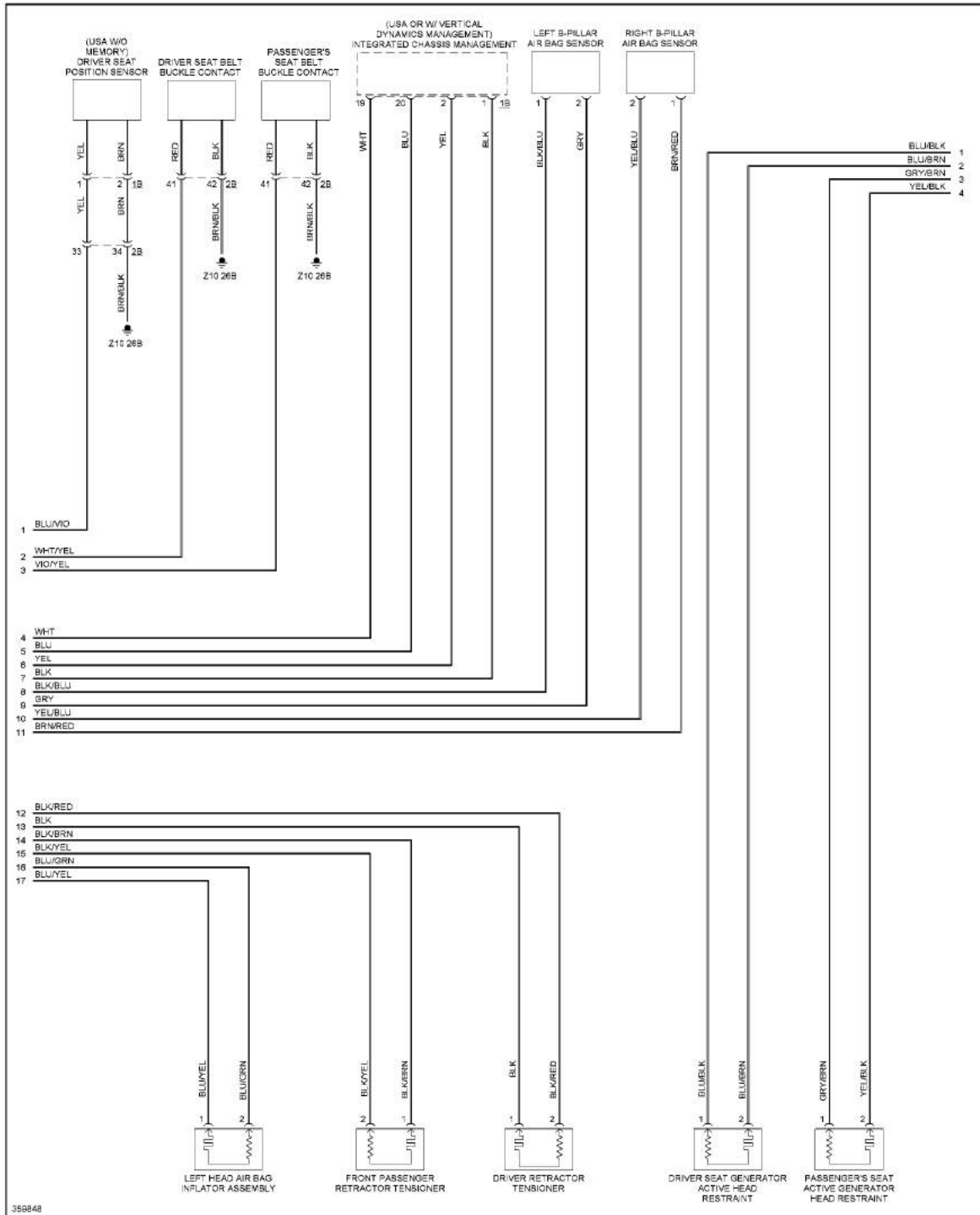


Fig. 87: Supplemental Restraints Circuit (2 of 3)

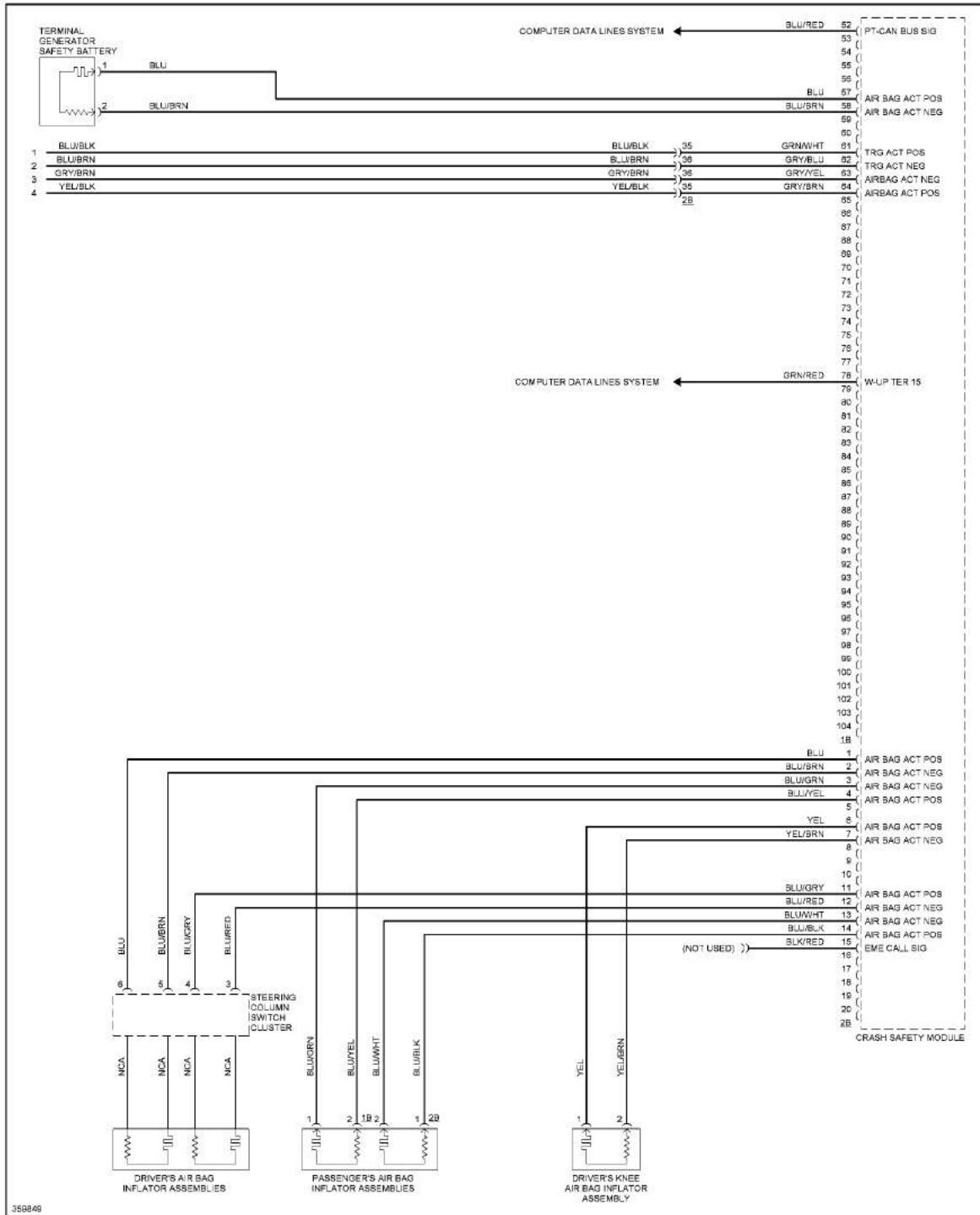


Fig. 88: Supplemental Restraints Circuit (3 of 3)

TRANSMISSION

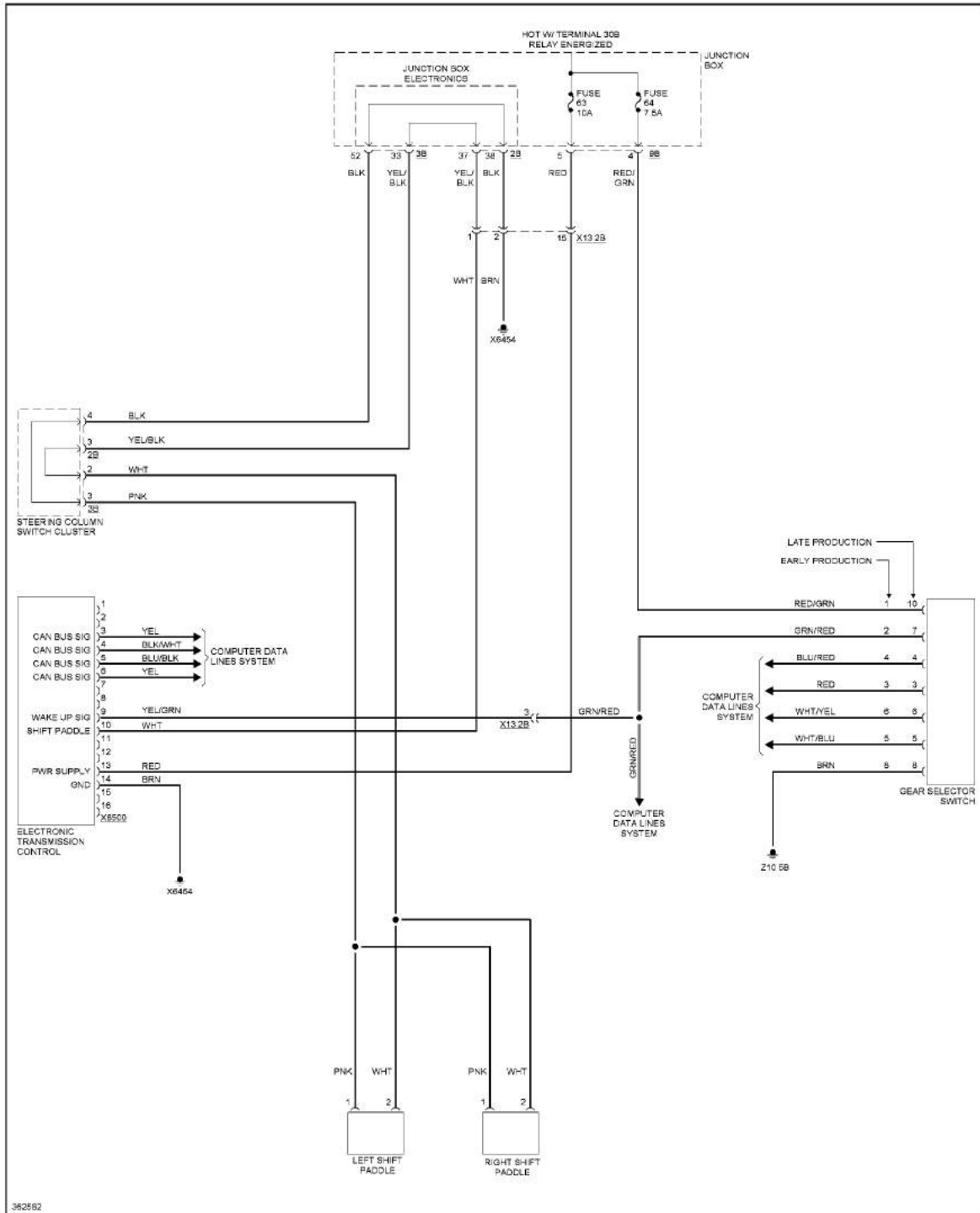


Fig. 89: A/T Circuit

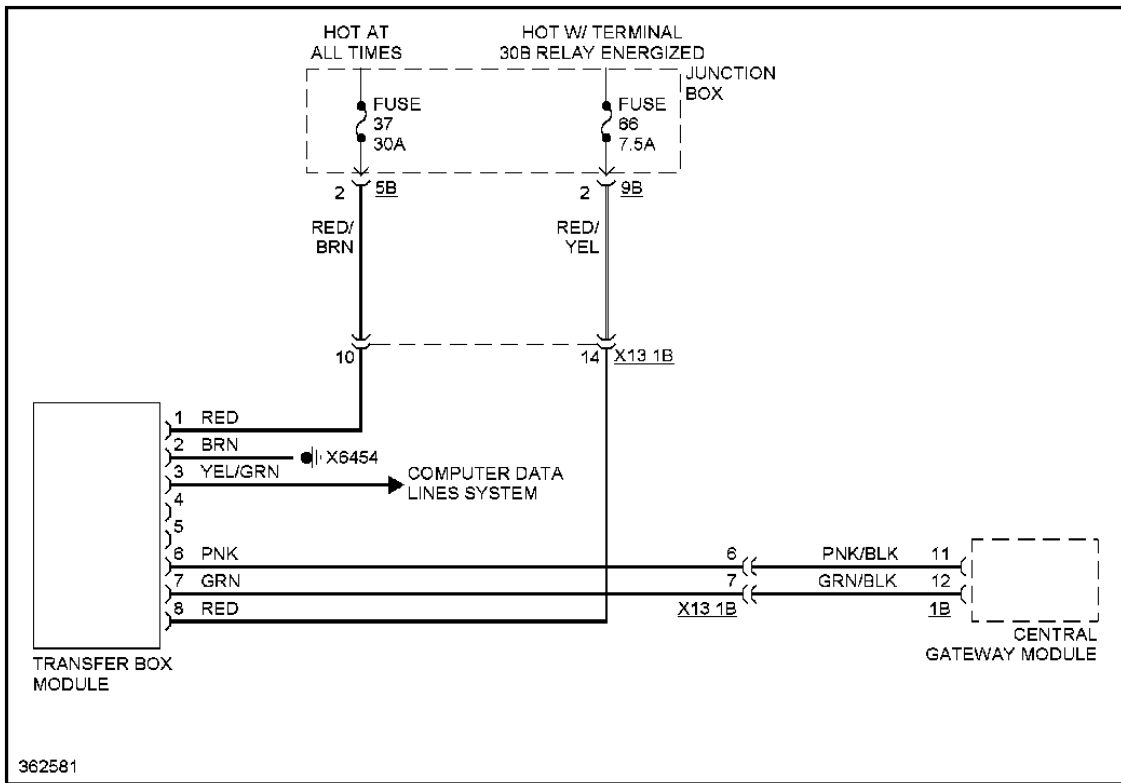


Fig. 90: AWD Circuit

TRUNK, TAILGATE, FUEL DOOR

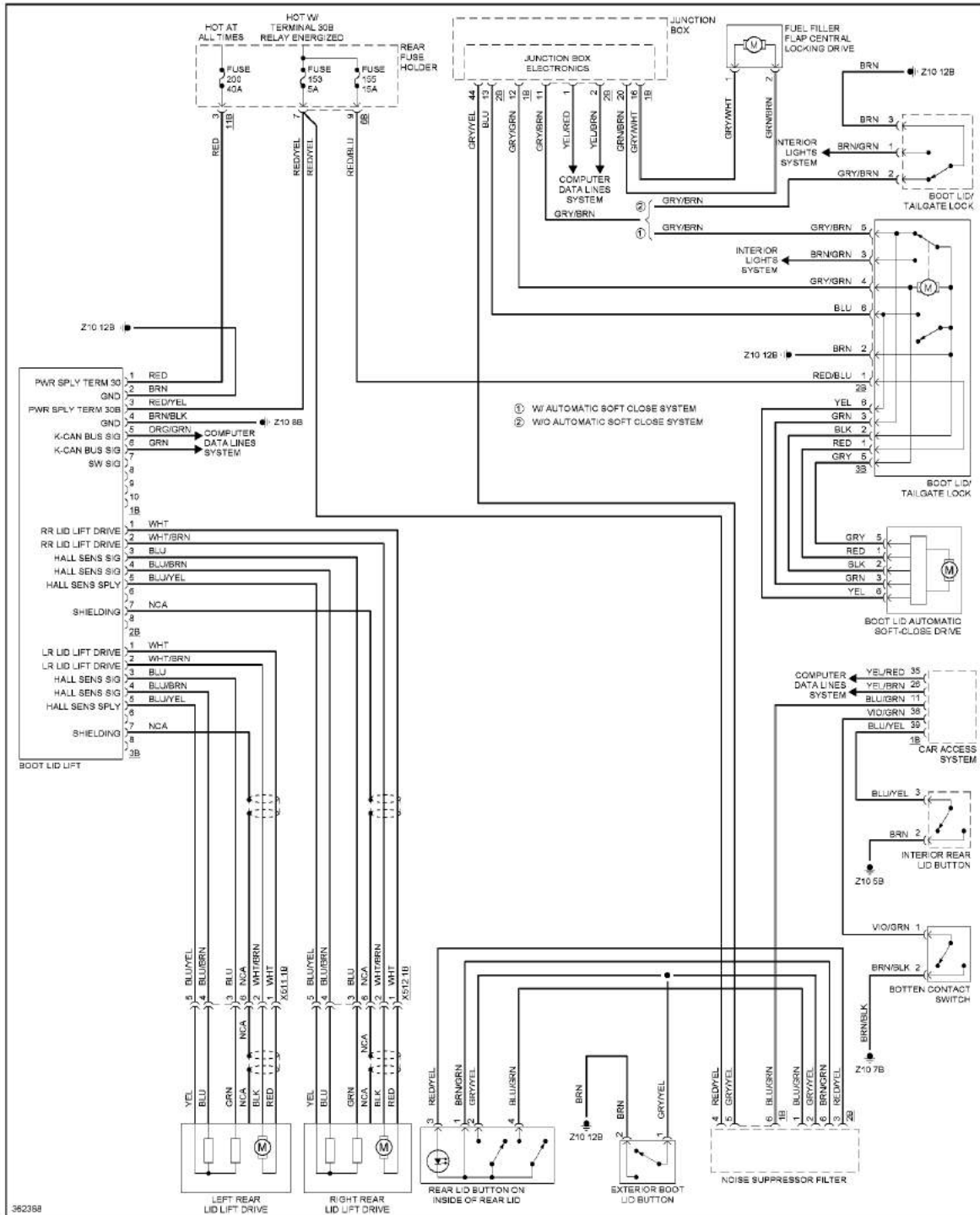


Fig. 91: Trunk & Fuel Door Release Circuit

WARNING SYSTEMS

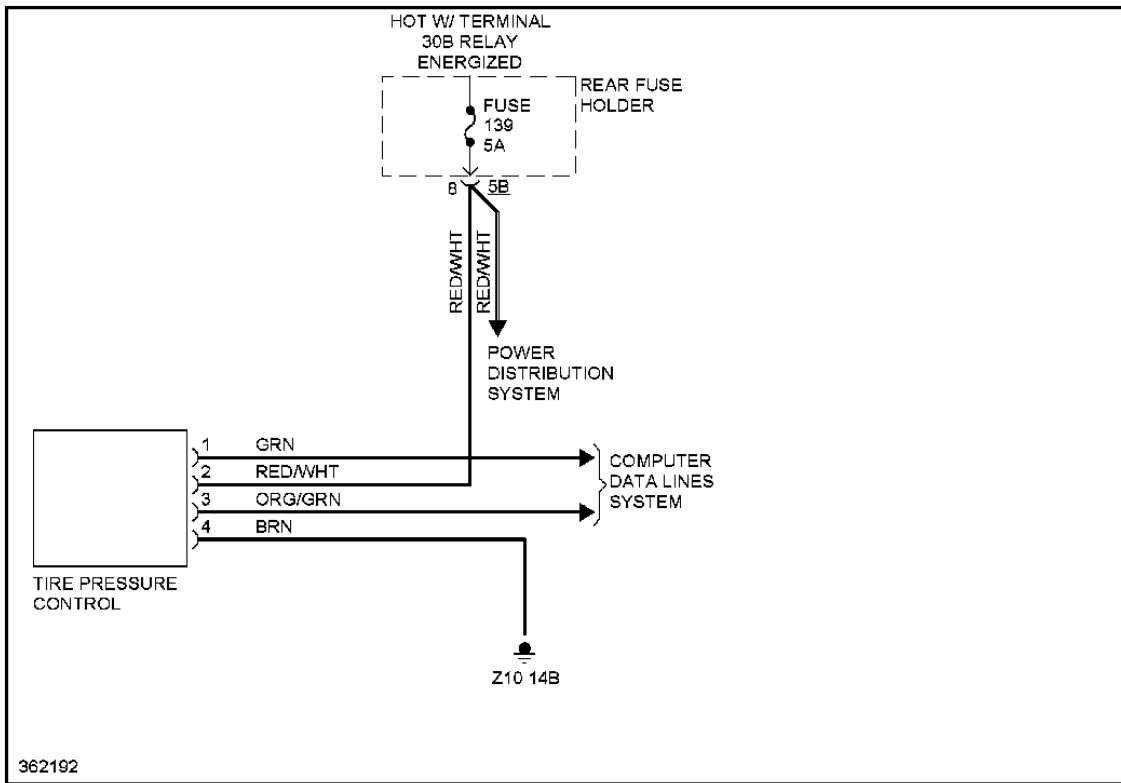


Fig. 92: Warning Systems Circuit

WIPER/WASHER

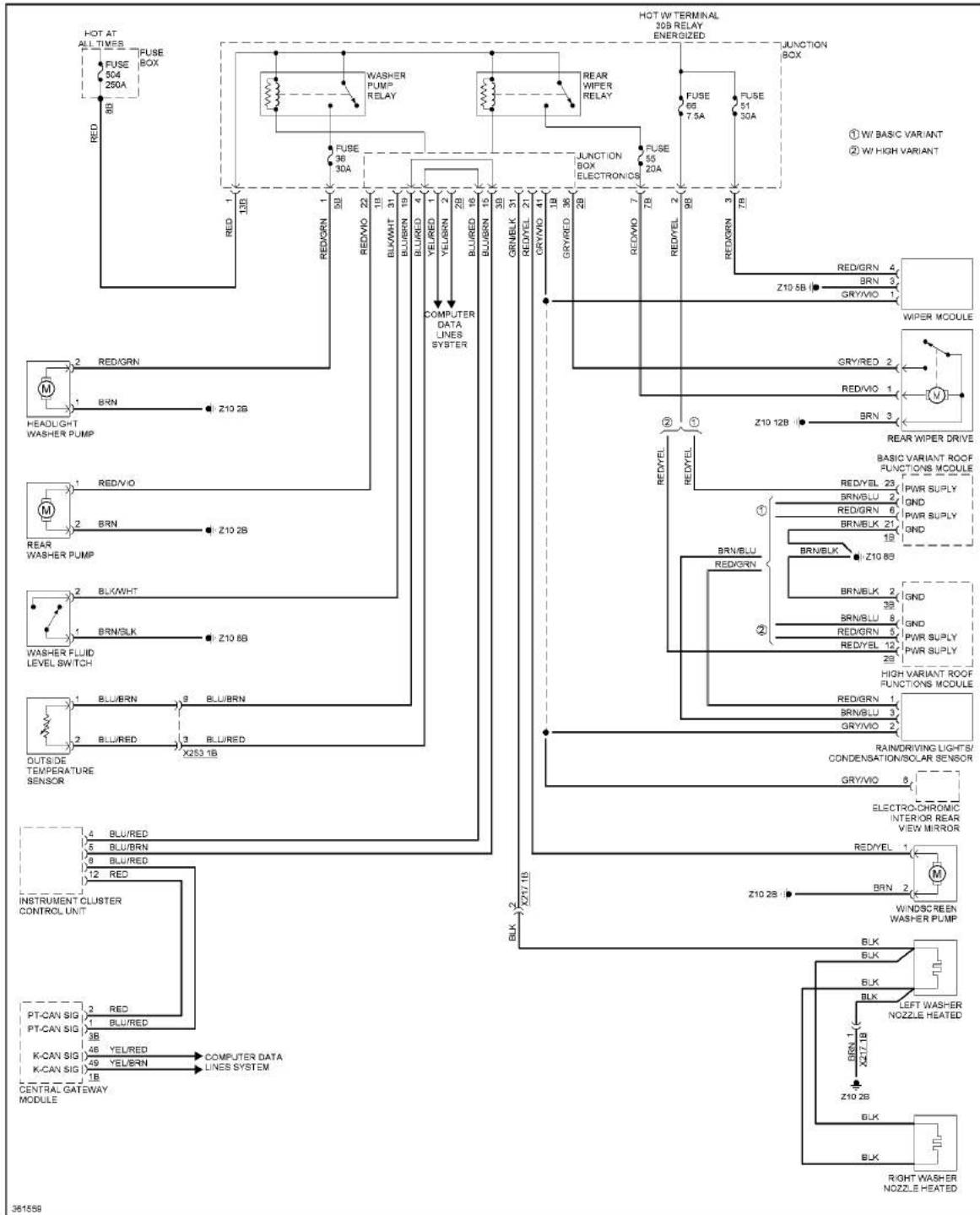


Fig. 93: Wiper/Washer Circuit

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