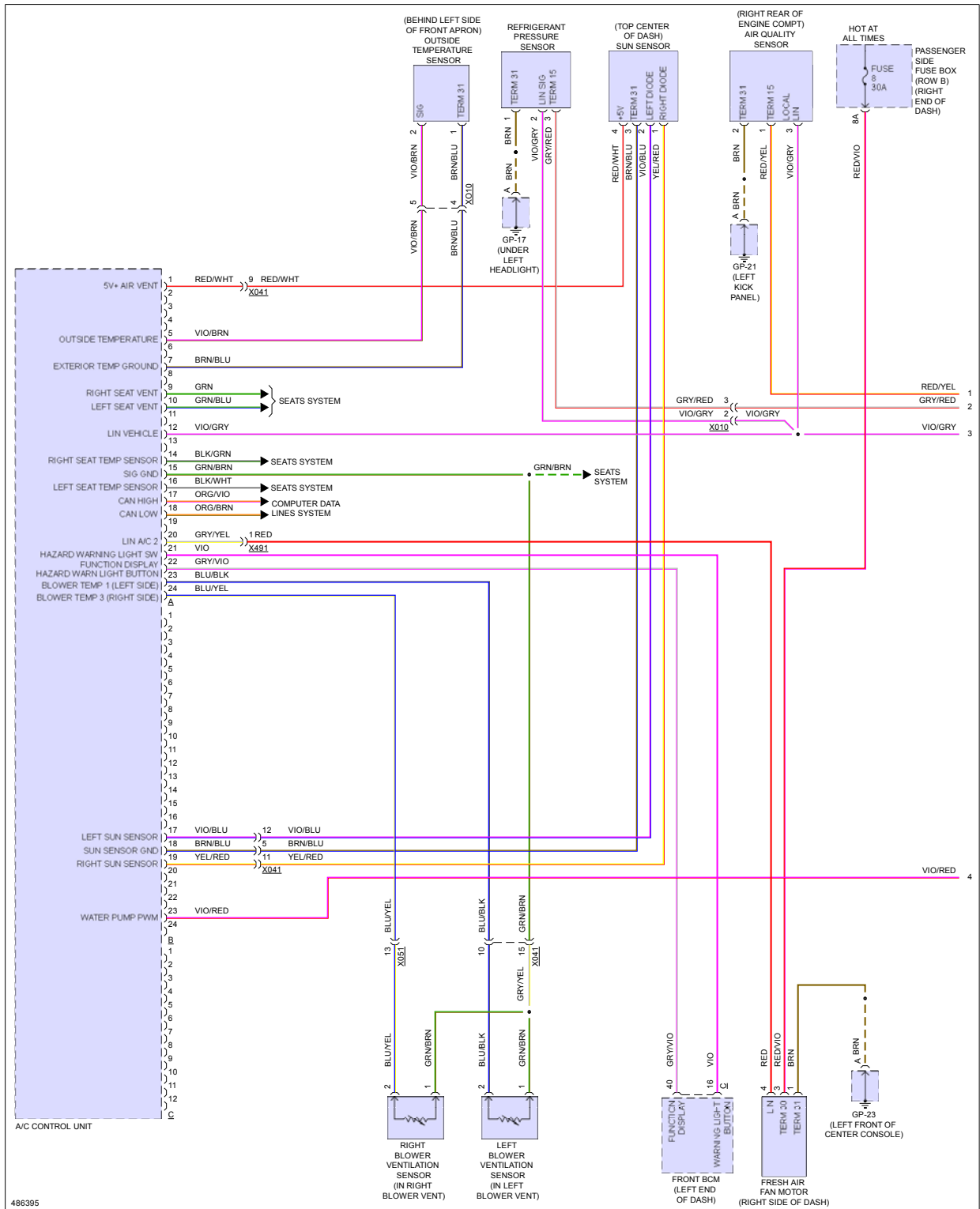


Service Manual: SYSTEM WIRING DIAGRAMS

AIR CONDITIONING

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

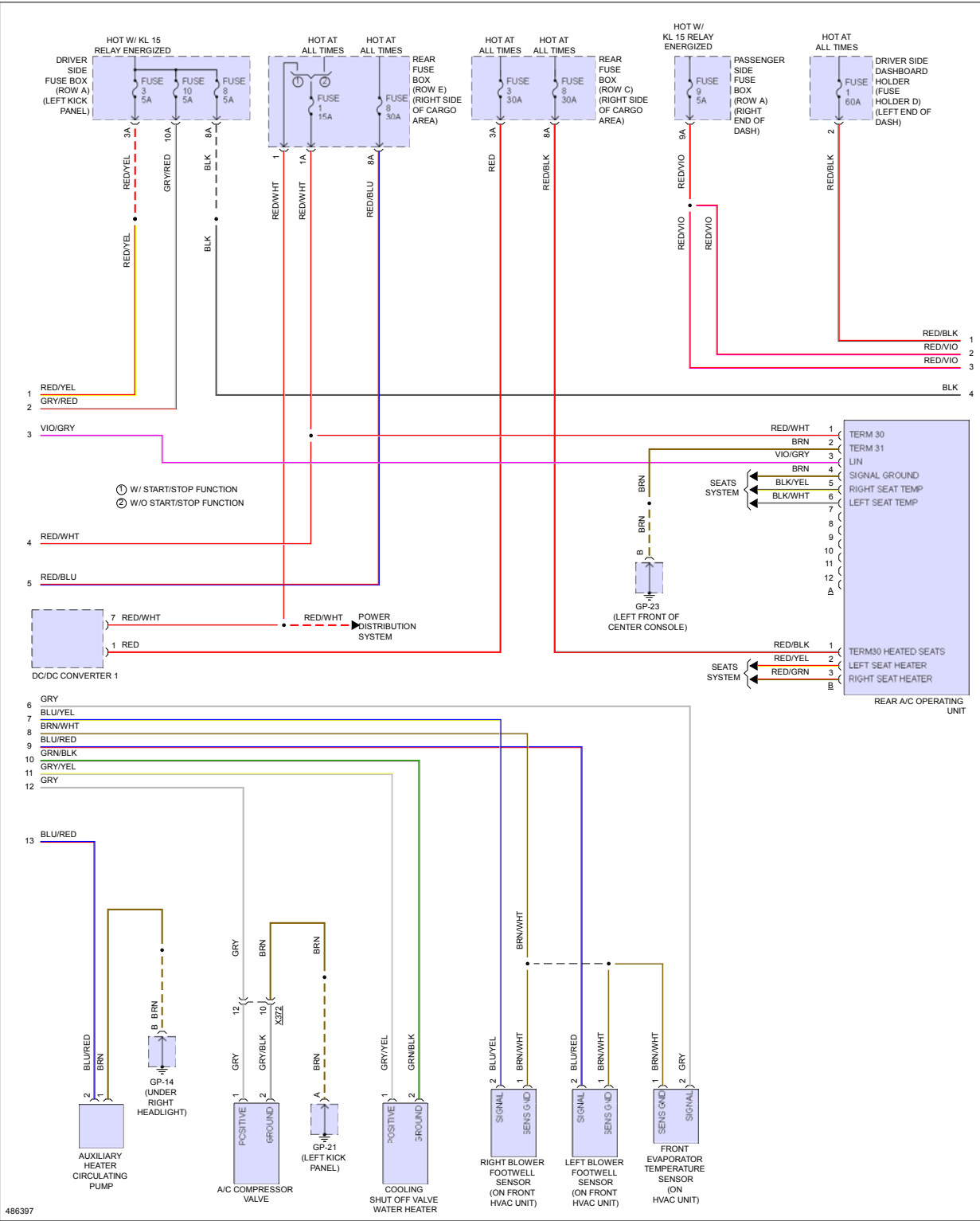


The diagram illustrates the electrical connections for an A/C Control Unit. It features a central control unit with multiple terminals on its left and right sides. On the left, terminals are labeled for various HVAC units (Left Front, Left Center, Right Front, Right Center), defrost flaps, footwells, and water pumps. On the right, terminals are labeled for HVAC units (Left Front, Left Center, Right Front, Right Center), defrost flaps, footwells, and water pumps. The diagram also shows the connection to a 28VDC power source and ground. The wiring is color-coded by wire color and includes a legend for wire colors and their corresponding terminal numbers.

Legend:

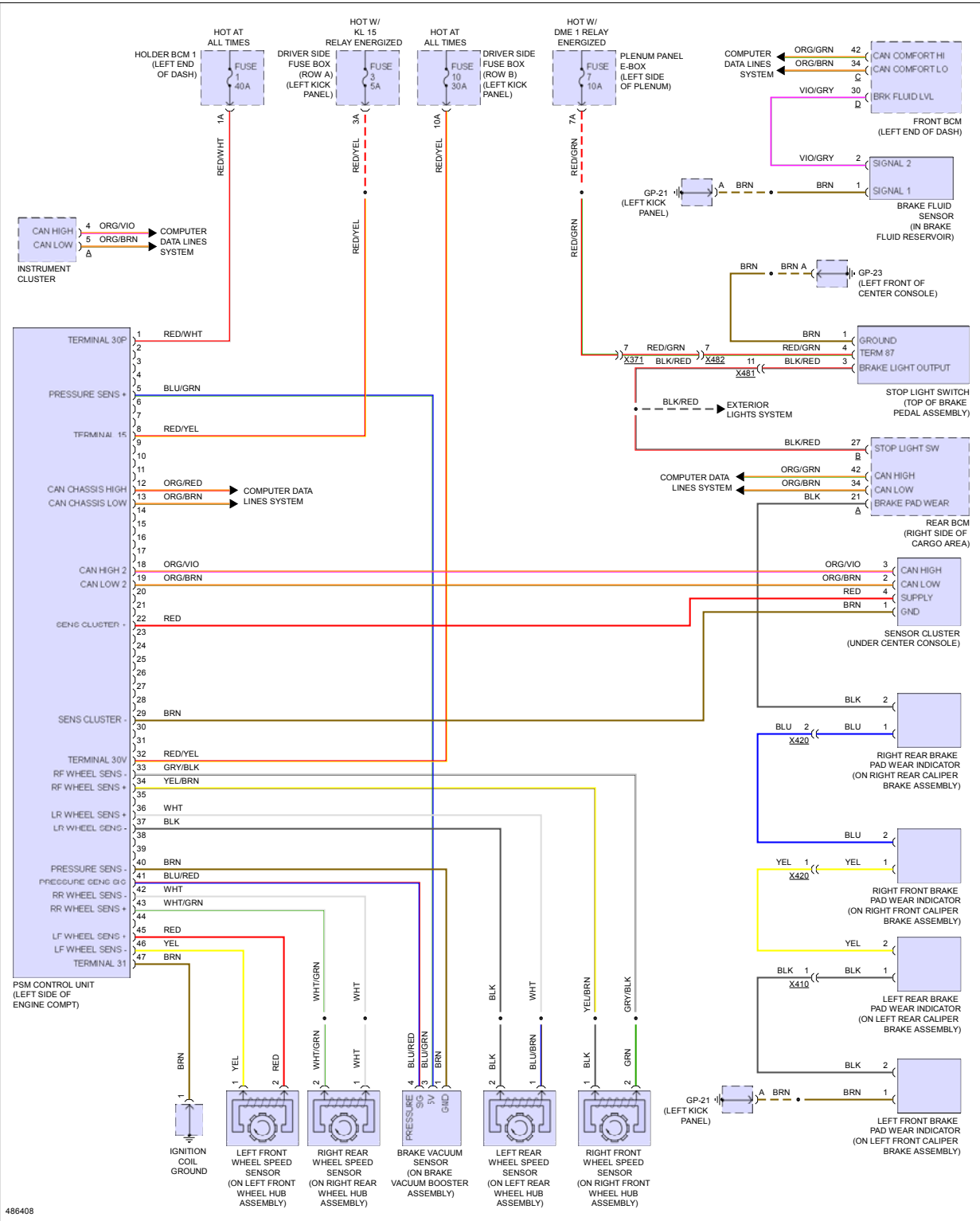
- RED/WHIT 4
- RED/BLU 5
- GRY 6
- BLU/YEL 7
- BRN/WHIT 8
- BLU/RED 9
- GRN/BLK 10
- GRY/YEL 11
- GRY 12
- BLU/RED 13
- RED/WHIT 14
- GRN/BLK 15
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- BLU/RED 286
- GRN/BLK 287
- GRY/YEL 288
- GRY 289
- BLU/RED 290
- GRN/

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



ANTI-LOCK BRAKES

Fig 1: Anti-lock Brakes Circuit



ANTI-THEFT

Fig 1: Anti-theft Circuit (1 of 4)

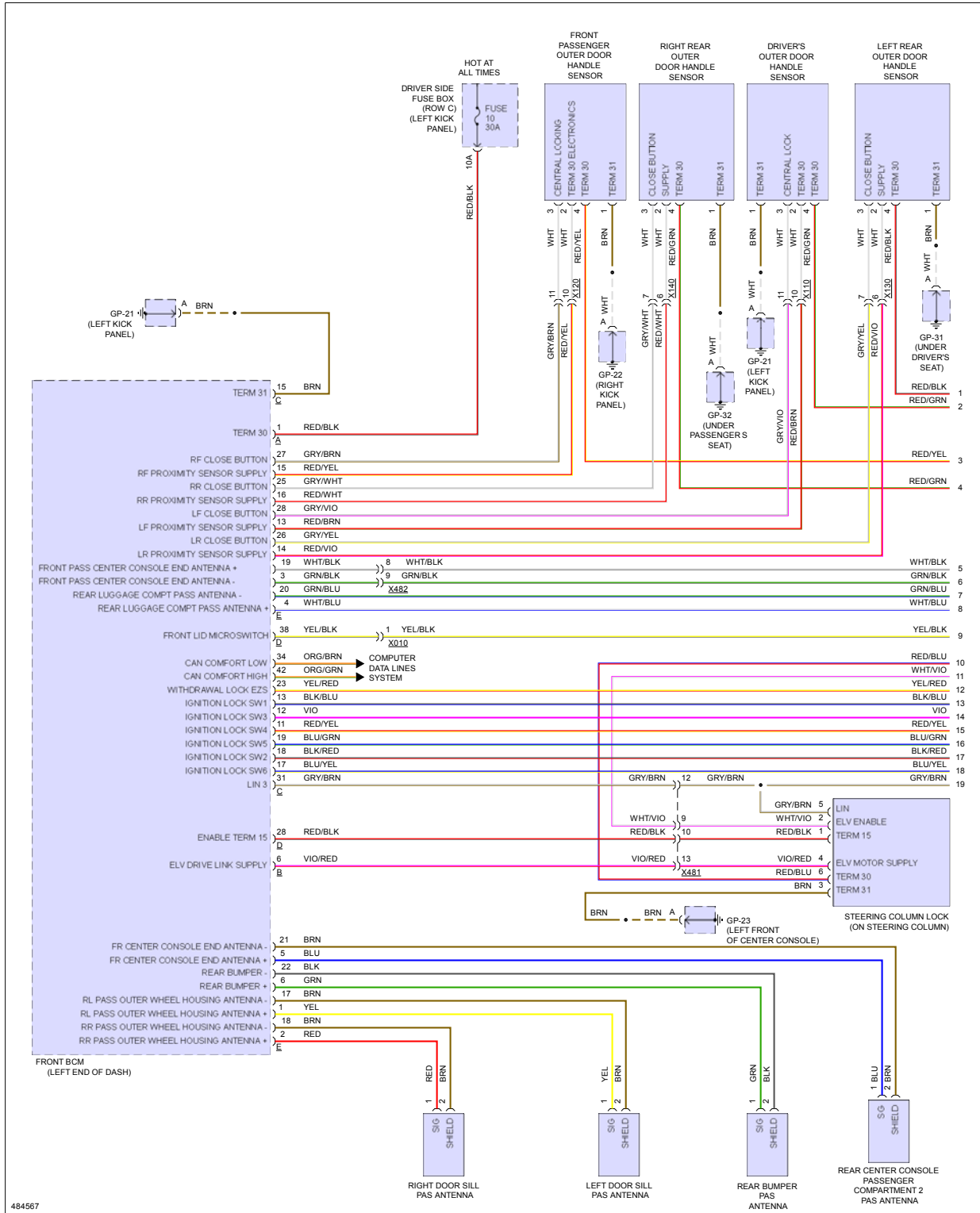


Fig 2: Anti-theft Circuit (2 of 4)

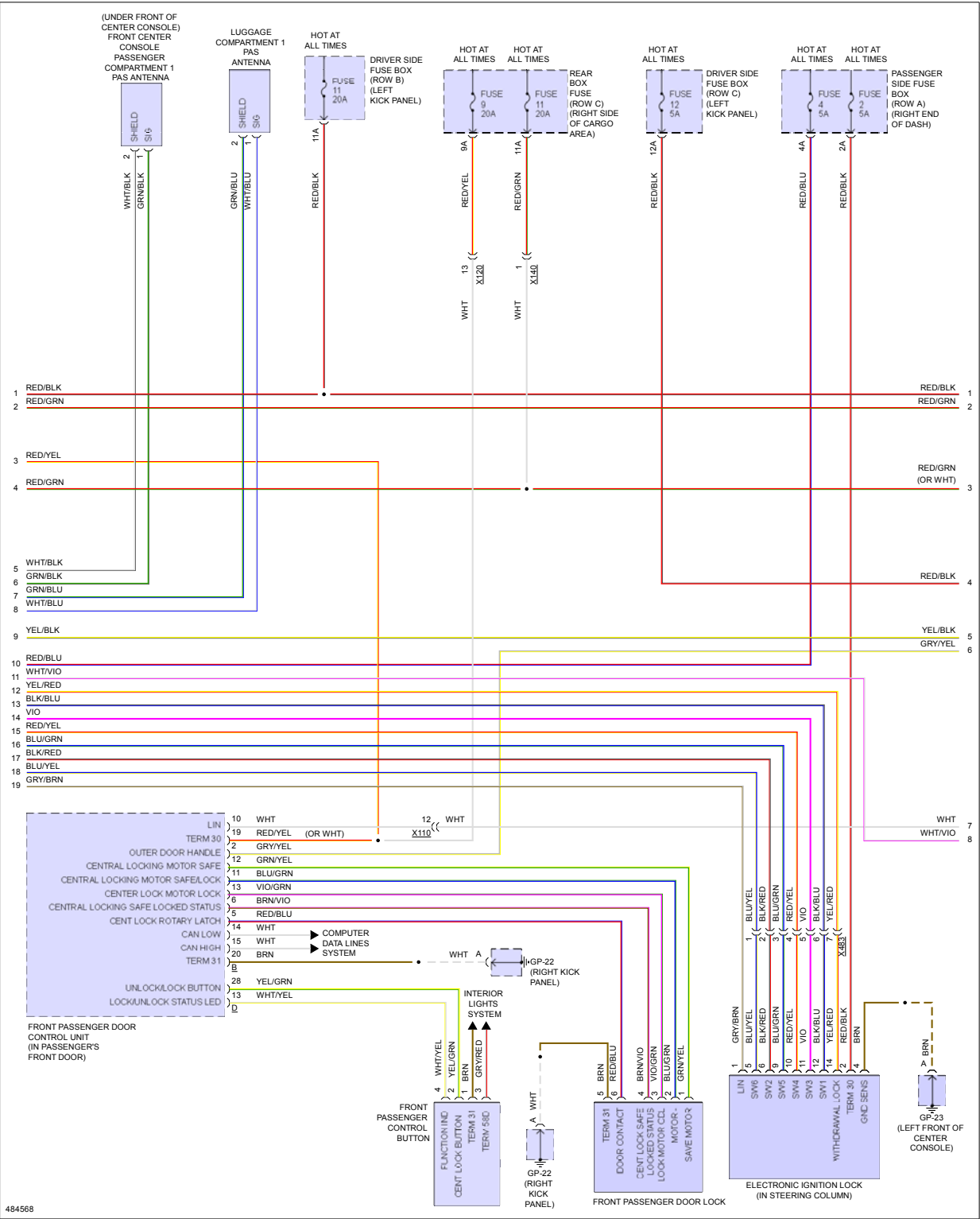
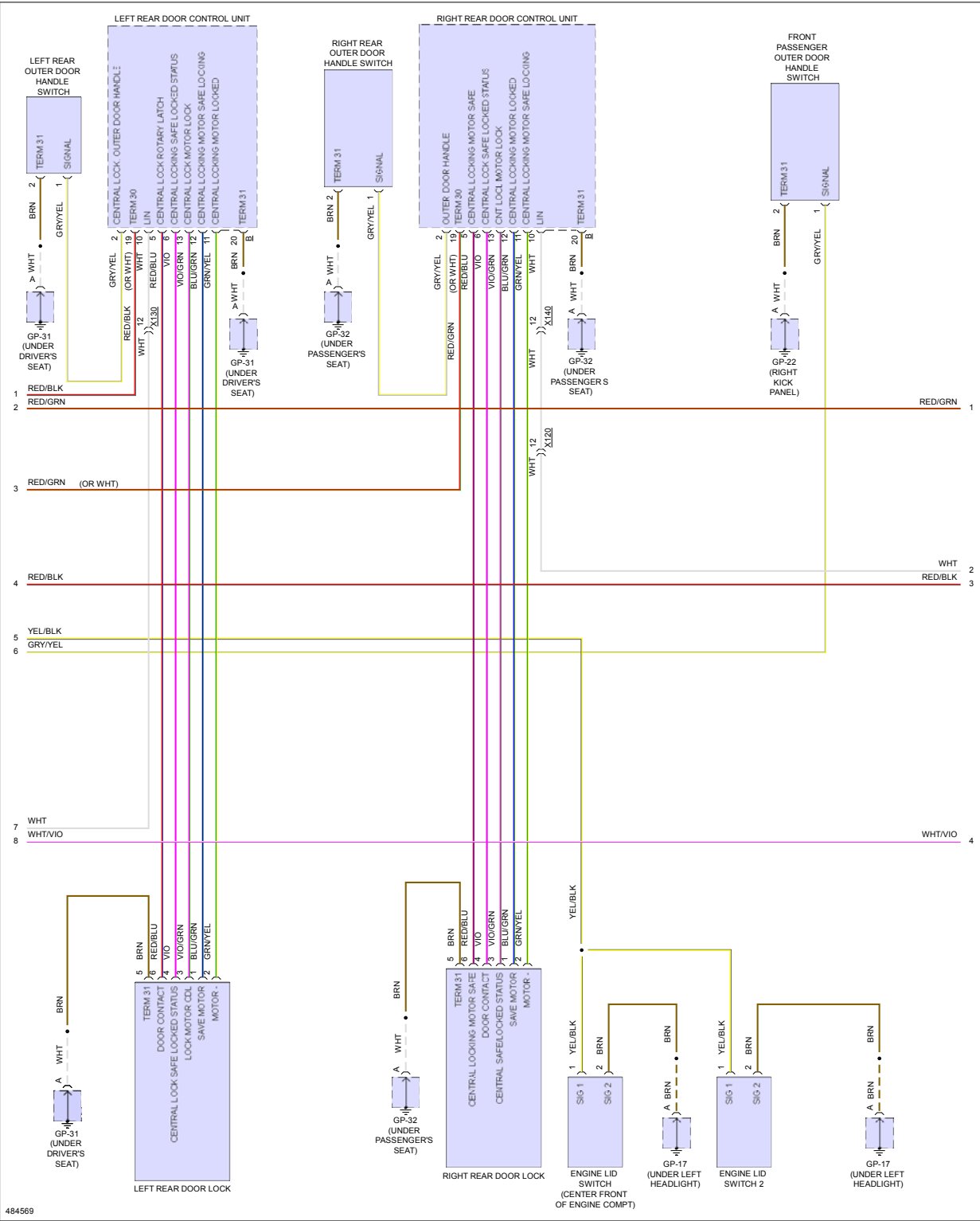


Fig 3: Anti-theft Circuit (3 of 4)



Legend:

- ① w/ VEHICLE TRACKING SYSTEM
- ② w/ KEYLESS ENTRY

Wiring Diagram Details:

- Power Sources:**
 - DRIVER'S OUTER DOOR HANDLE SWITCH: FUSE 11, 25A (HOT AT ALL TIMES).
 - REAR FUSE BOX (RIGHT SIDE OF CARGO AREA): FUSE 8, 20A (HOT AT ALL TIMES).
 - DRIVER SIDE FUSE BOX (ROW B) (LEFT KICK PANEL): FUSE 8, 20A (HOT AT ALL TIMES).
- Components and Connections:**
 - DRIVER'S DOOR BUTTON MODULE:**
 - 11: VIO/YEL
 - 12: VIO/GRN
 - DRIVER'S DOOR CONTROL UNIT (IN DRIVER'S FRONT DOOR):**
 - TERMINAL 31: BRN, WHT, A (GP-21 LEFT KICK PANEL)
 - TERMINAL 30: (OR WHT) 19, GRY/YEL 2, WHT 14, WHT 15, YEL/GRN 28, B 8
 - TERMINAL 27: (FR/RE POWER WINDOW BUTTON & CTL SW)
 - TERMINAL 12: (DRV CTL LED REAR WINDOW/CHILD LOCK LED LOCK STATUS)
 - TERMINAL 13: (LOCKING PAWL)
 - TERMINAL 10: (LOCKING PAWL)
 - TERMINAL 4: (LOCKING PAWL)
 - TERMINAL 12: (CENTRAL LOCKING MOTOR SAFE)
 - TERMINAL 1: (CENTRAL LOCK KEY SW)
 - TERMINAL 5: (ROTARY LATCH)
 - TERMINAL 6: (CENTRAL LOCKING SAFE LOCKED STATUS)
 - TERMINAL 13: (CENTRAL LOCKING MOTOR LOCKED)
 - TERMINAL 11: (CENTRAL LOCKING MOTOR SAFE LOCKED)
 - TERMINAL 1: (COMMON MOTOR)
 - TERMINAL 2: (MOTOR LOCKING)
 - TERMINAL 3: (CENTRAL STATUS SAFE LOCKING)
 - TERMINAL 4: (DOOR CONTACT)
 - TERMINAL 5: (OPEN/CLOSE SWITCH)
 - TERMINAL 9: (SAVE MOTOR)
 - TERMINAL 8: (BRN)
 - TERMINAL 1: (GRN/BLU)
 - TERMINAL 3: (BRN)
 - TERMINAL 1: (WHT)
 - TERMINAL 3: (A)
 - TERMINAL 1: (GP-21 LEFT KICK PANEL)
 - DRIVER'S DOOR LOCK:**
 - 1: BLK/VIO
 - 2: BRN
 - 3: WHT
 - 4: A (GP-21 LEFT KICK PANEL)
 - REAR BCM (RIGHT SIDE OF CARGO AREA):**
 - 1: RED/WHT
 - 2: BLK/VIO
 - 3: YEL/GRN
 - 4: WHT/YEL
 - 5: BRN
 - 6: GRY/RED
 - 7: LIN
 - 8: BLK
 - 9: WHT/VIO
 - 10: 27 WHT/VIO
 - 11: 34 OR GRN
 - 12: 42 OR GRN
 - 13: 16 BRN
 - 14: TERM 31
 - 15: 1
 - 16: RED/WHT
 - 17: 12
 - 18: BLK/VIO
 - 19: ALARM HORN
 - 20: 1
 - 21: 2
 - 22: 3
 - 23: 4
 - 24: 5
 - 25: 6
 - 26: 7
 - 27: 8
 - 28: 9
 - 29: 10
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 - 239: 220

Fig 1: Front Controller Circuit

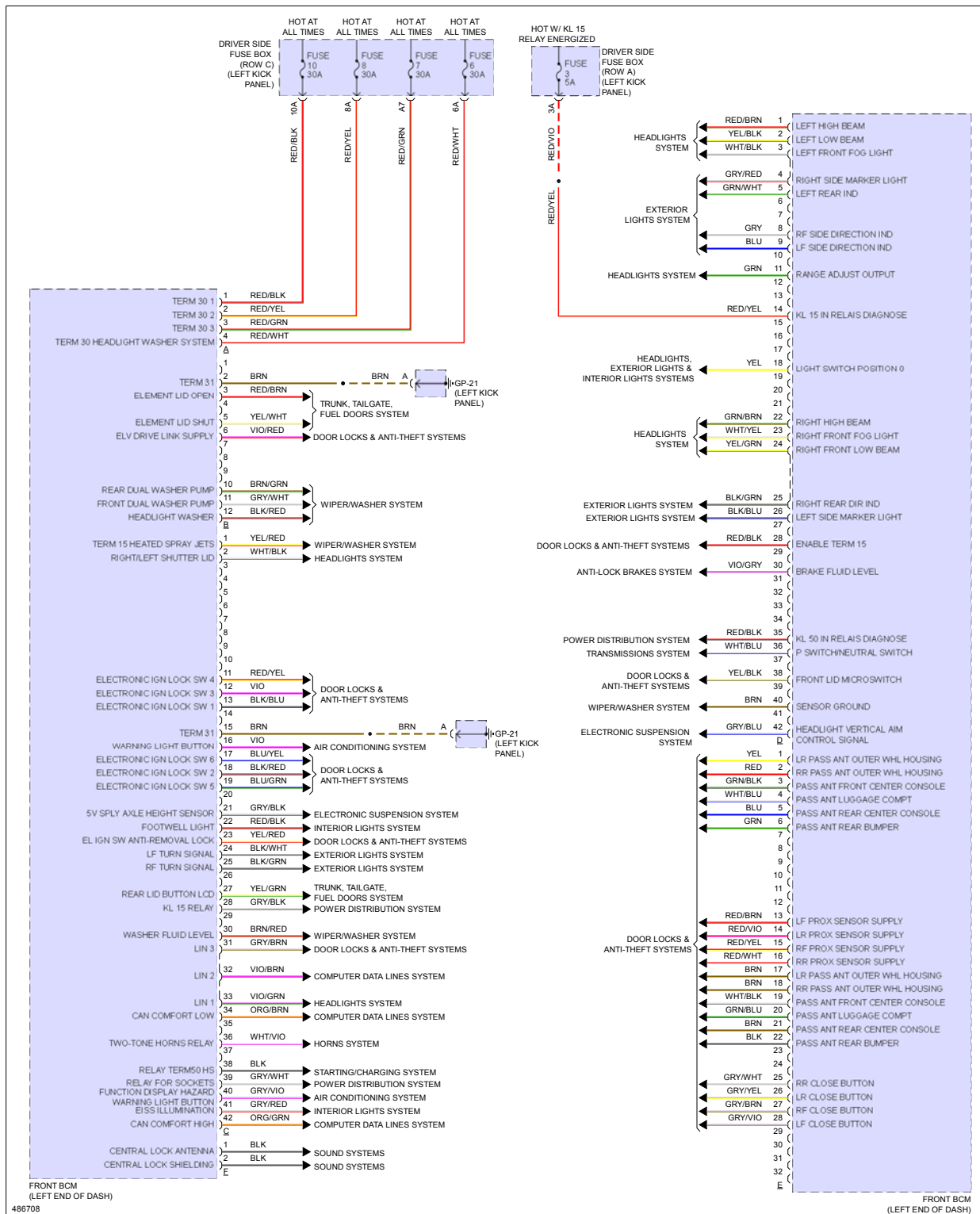


Fig 2: Rear Control Unit Circuit

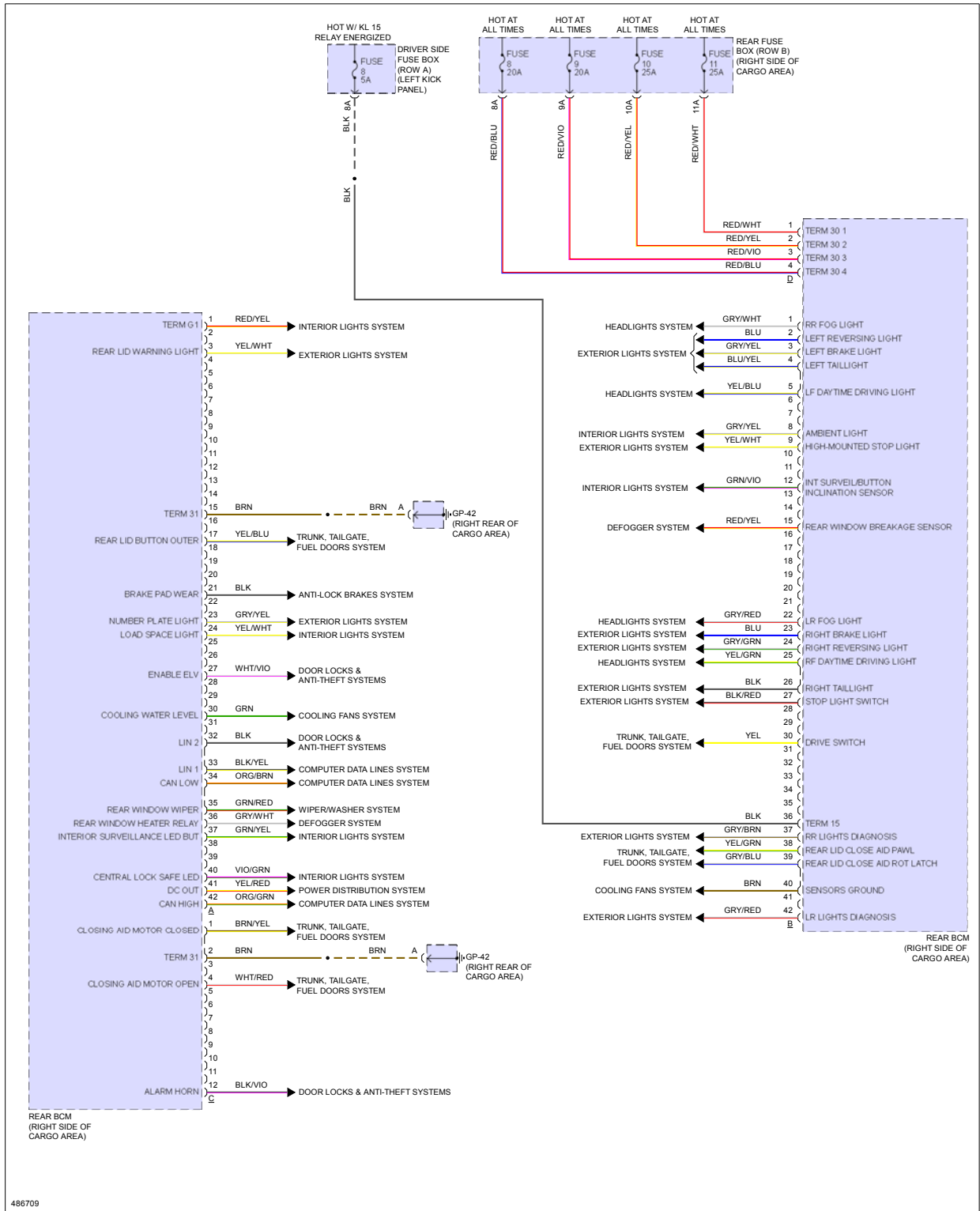


Fig 1: Computer Data Lines Circuit (1 of 3)



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

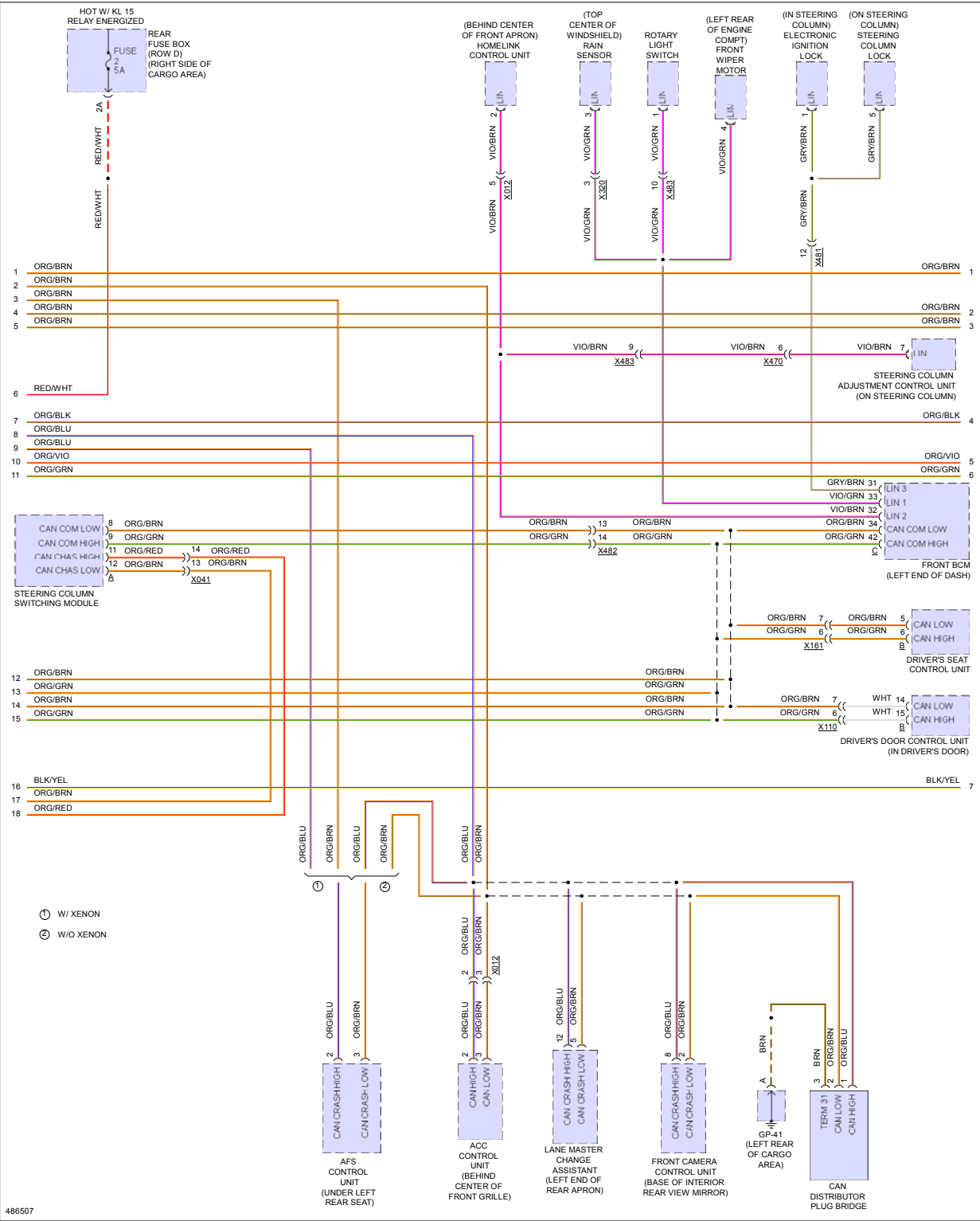


Fig 3: Computer Data Lines Circuit (3 of 3)

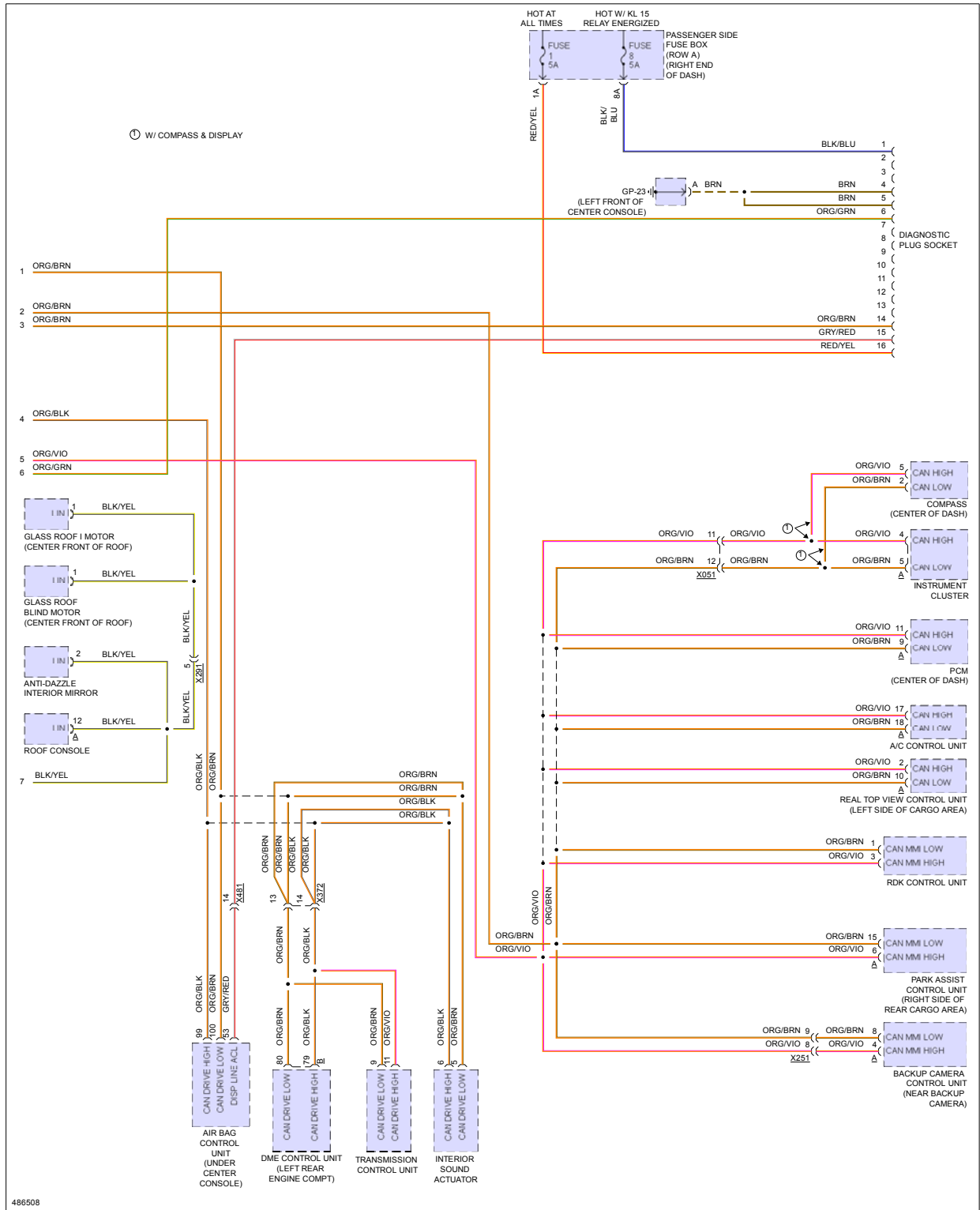


Fig 1: Cooling Fan Circuit

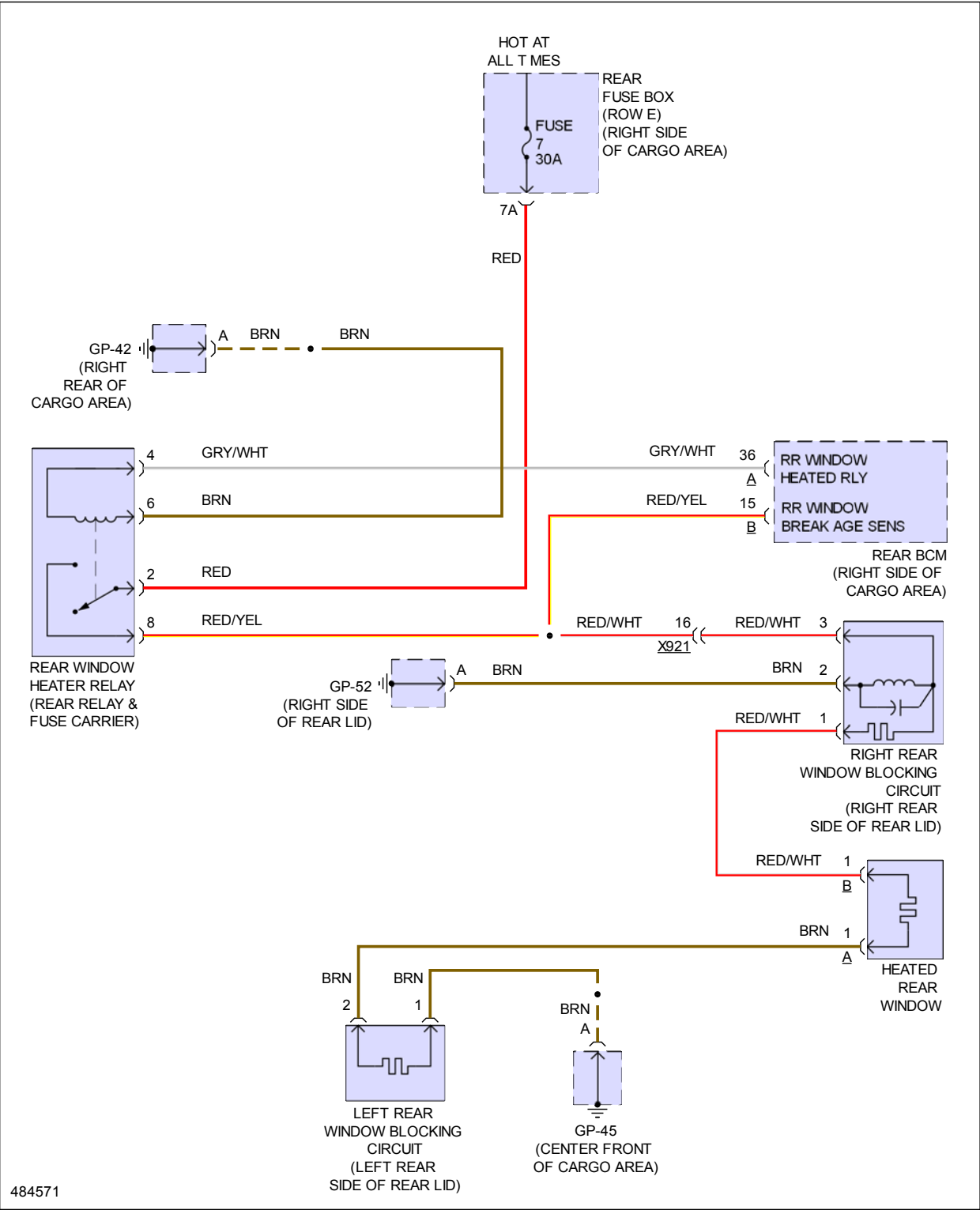


Fig 1: Cruise Control Circuit



DEFOGGERS

Fig 1: Defoggers Circuit



ELECTRONIC POWER STEERING

Fig 1: Electronic Power Steering Circuit

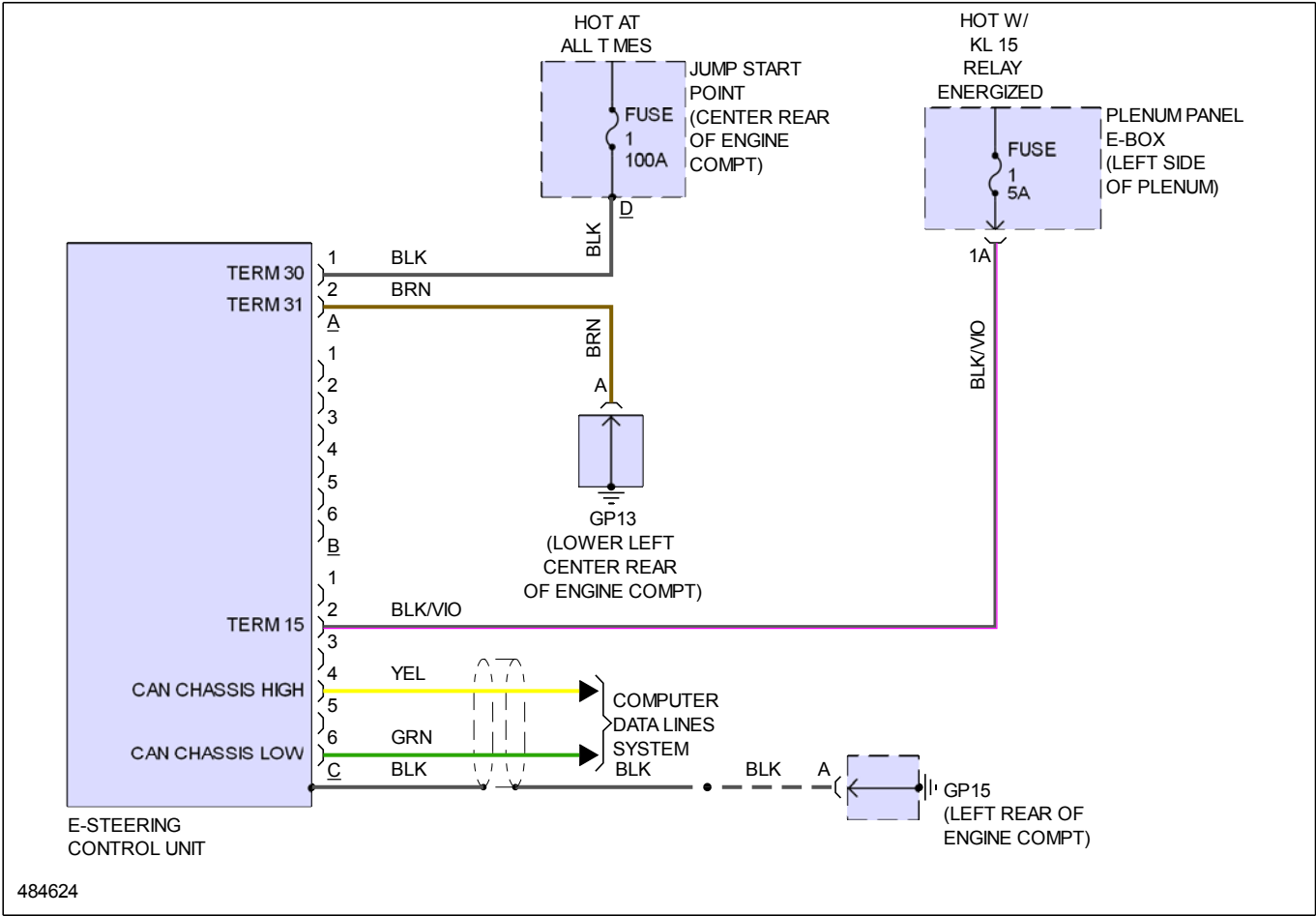
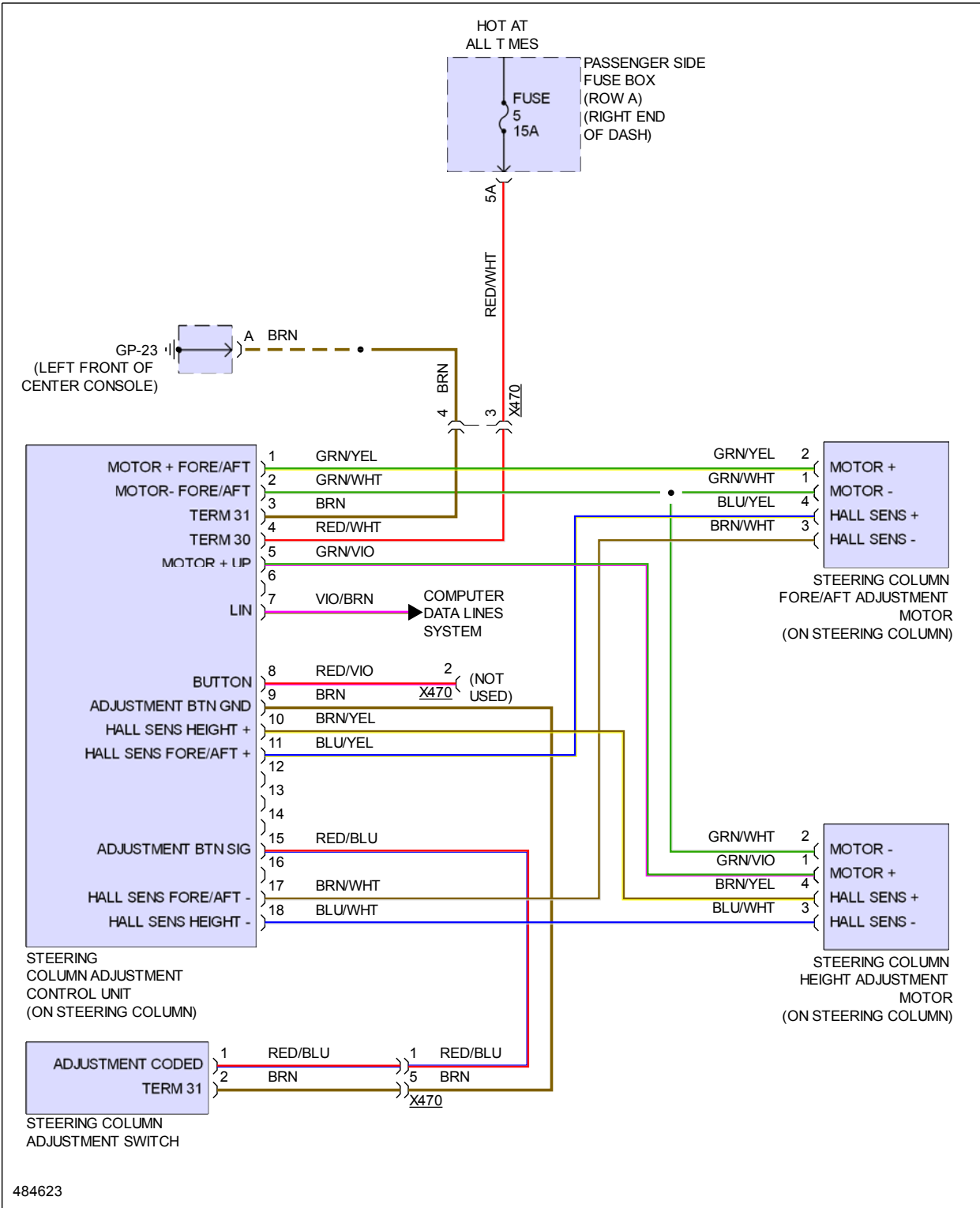


Fig 2: Power Tilt Steering Column Circuit



ELECTRONIC SUSPENSION

Fig 1: Electronic Suspension Circuit (1 of 2)

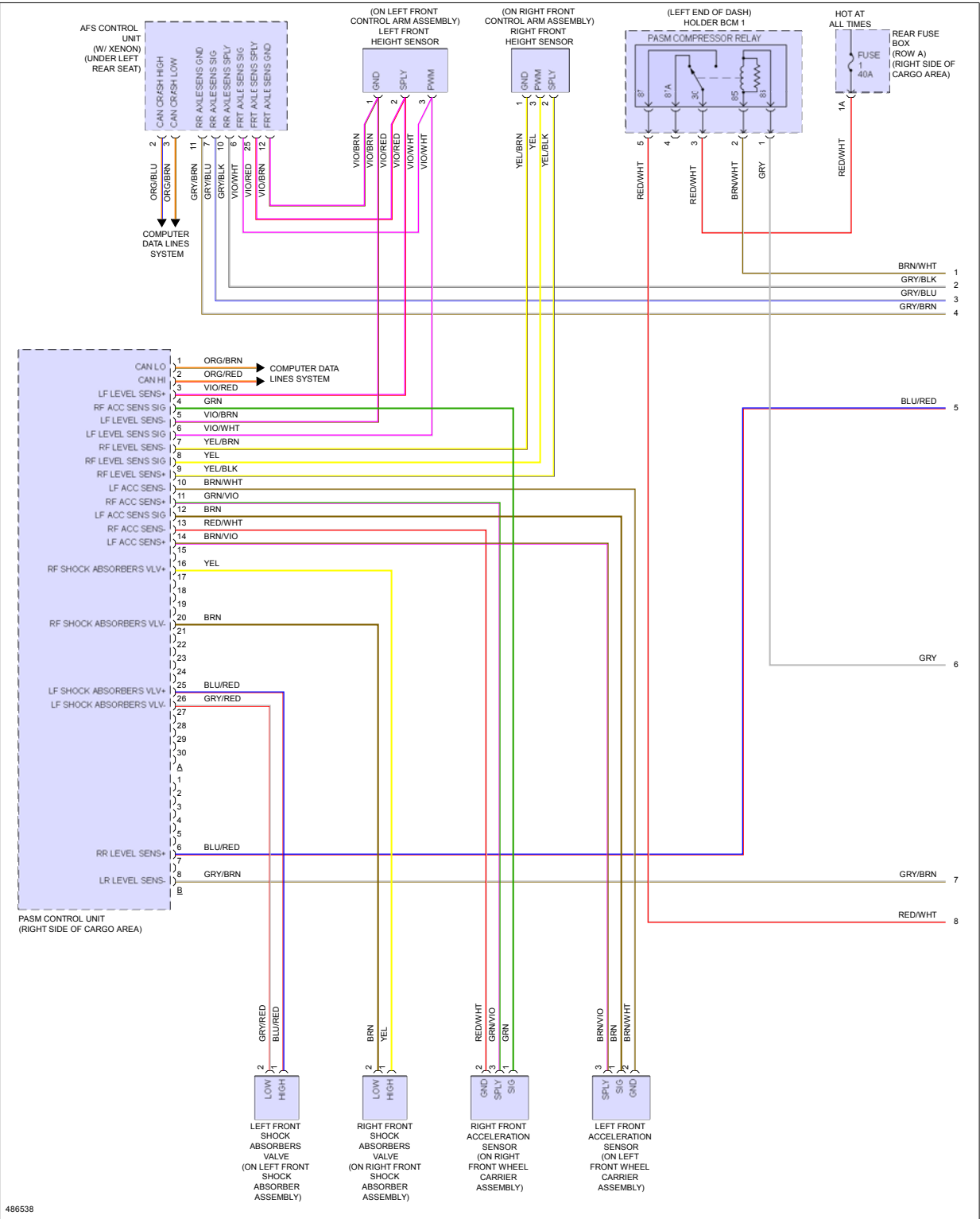
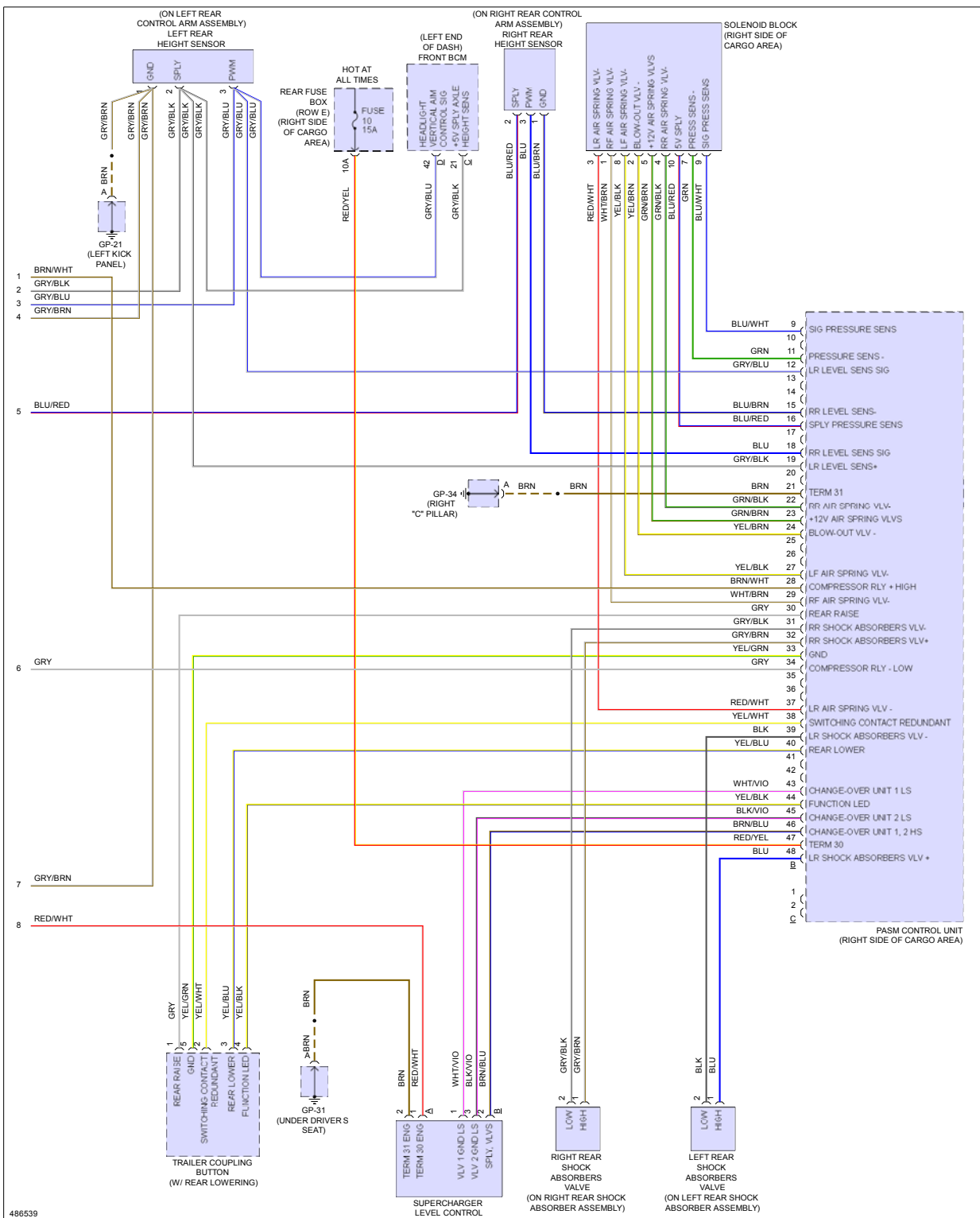


Fig 2: Electronic Suspension Circuit (2 of 2)



ENGINE PERFORMANCE > 3.0L TURBO

Fig 1: 3.0L Turbo, Engine Performance Circuit (1 of 6)

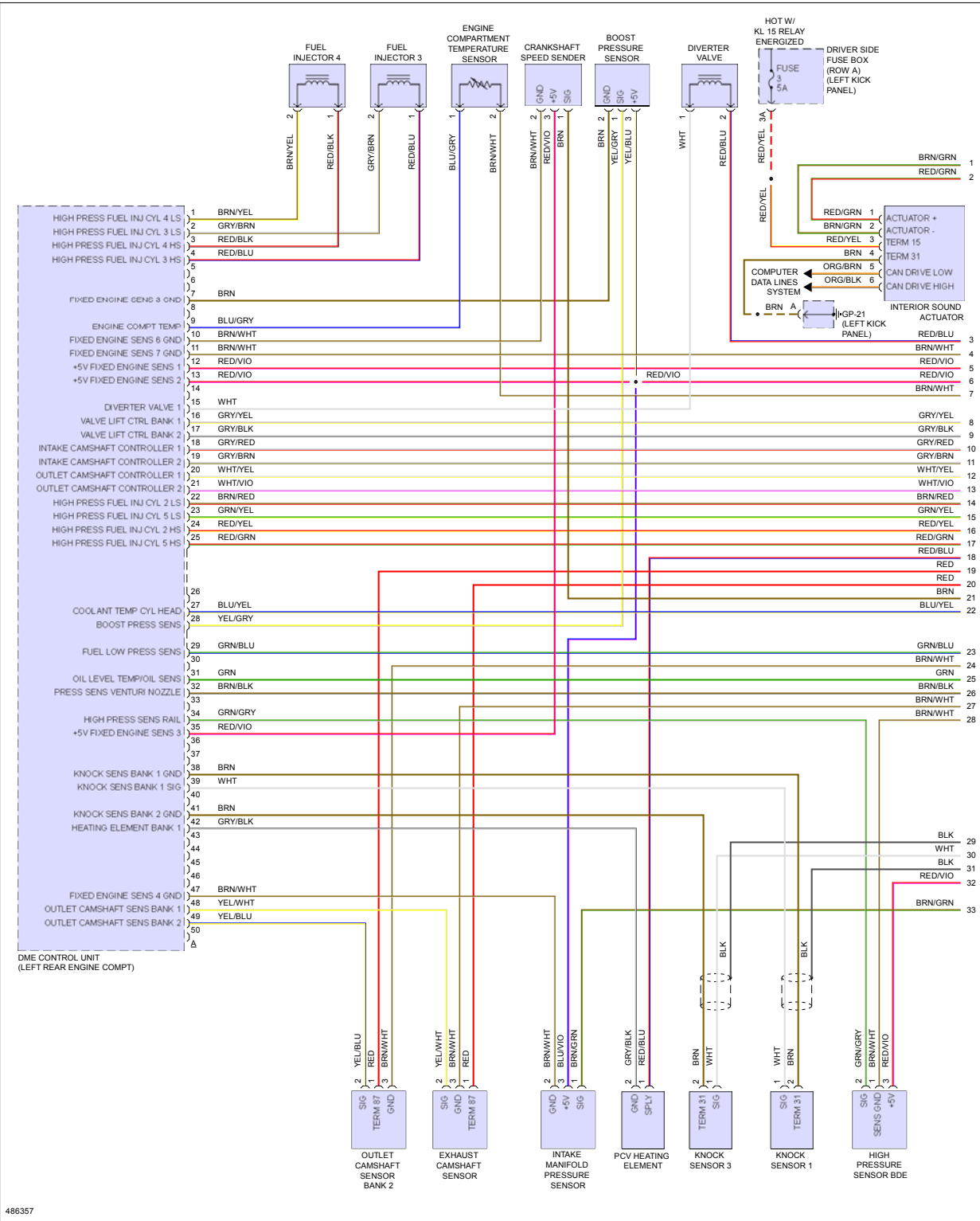


Fig 2: 3.0L Turbo, Engine Performance Circuit (2 of 6)

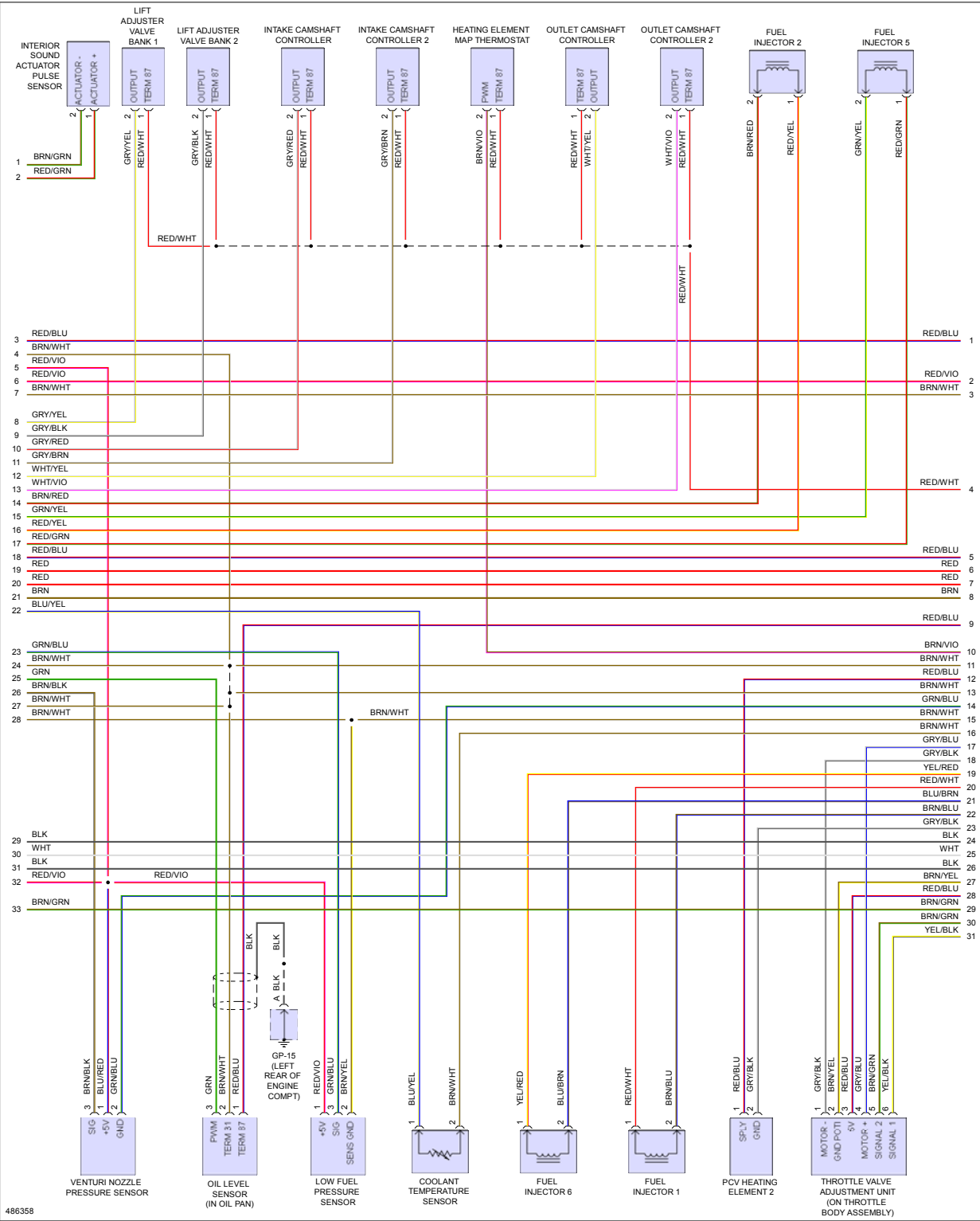


Fig 3: 3.0L Turbo, Engine Performance Circuit (3 of 6)

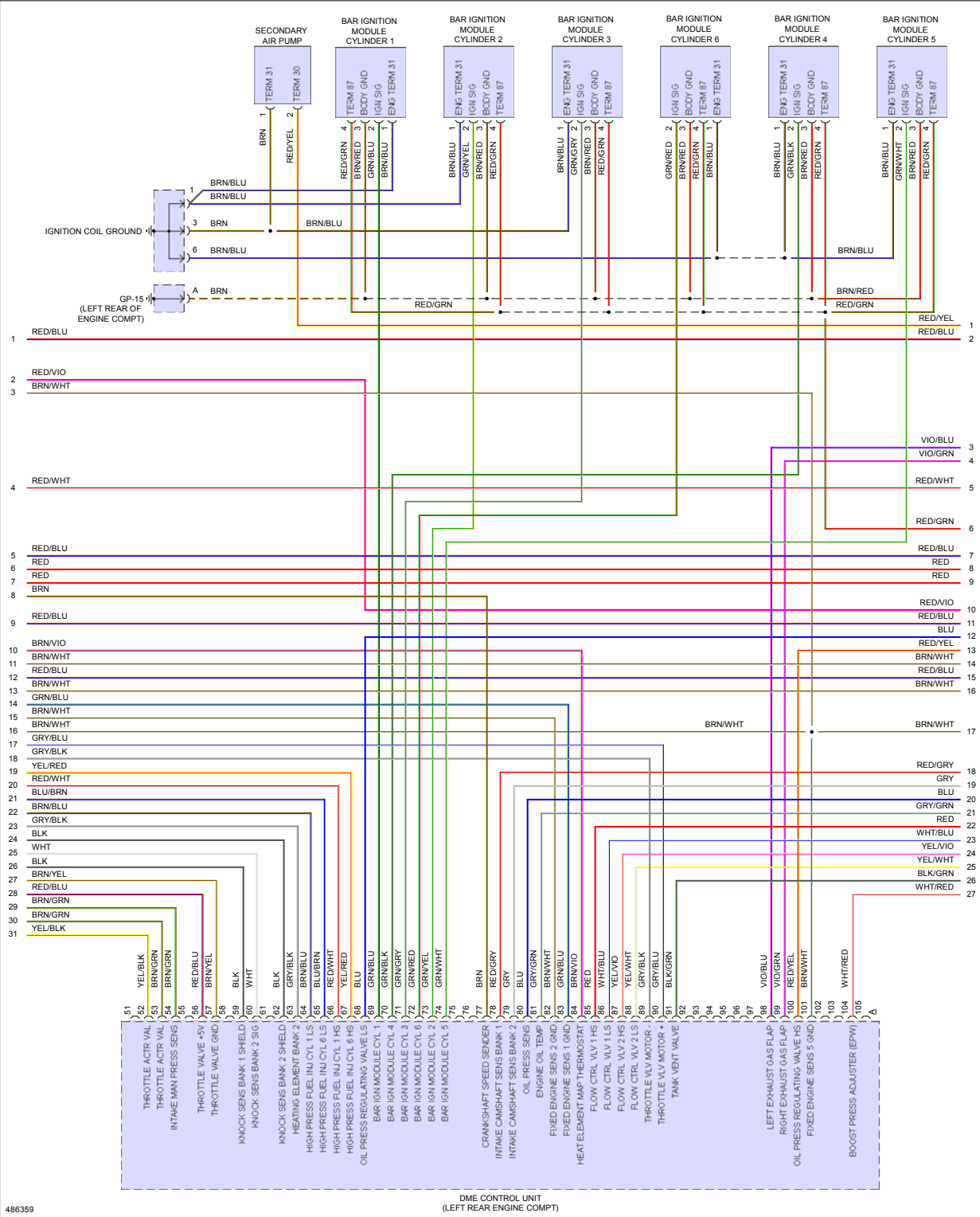


Fig 4: 3.0L Turbo, Engine Performance Circuit (4 of 6)



Fig 5: 3.0L Turbo, Engine Performance Circuit (5 of 6)

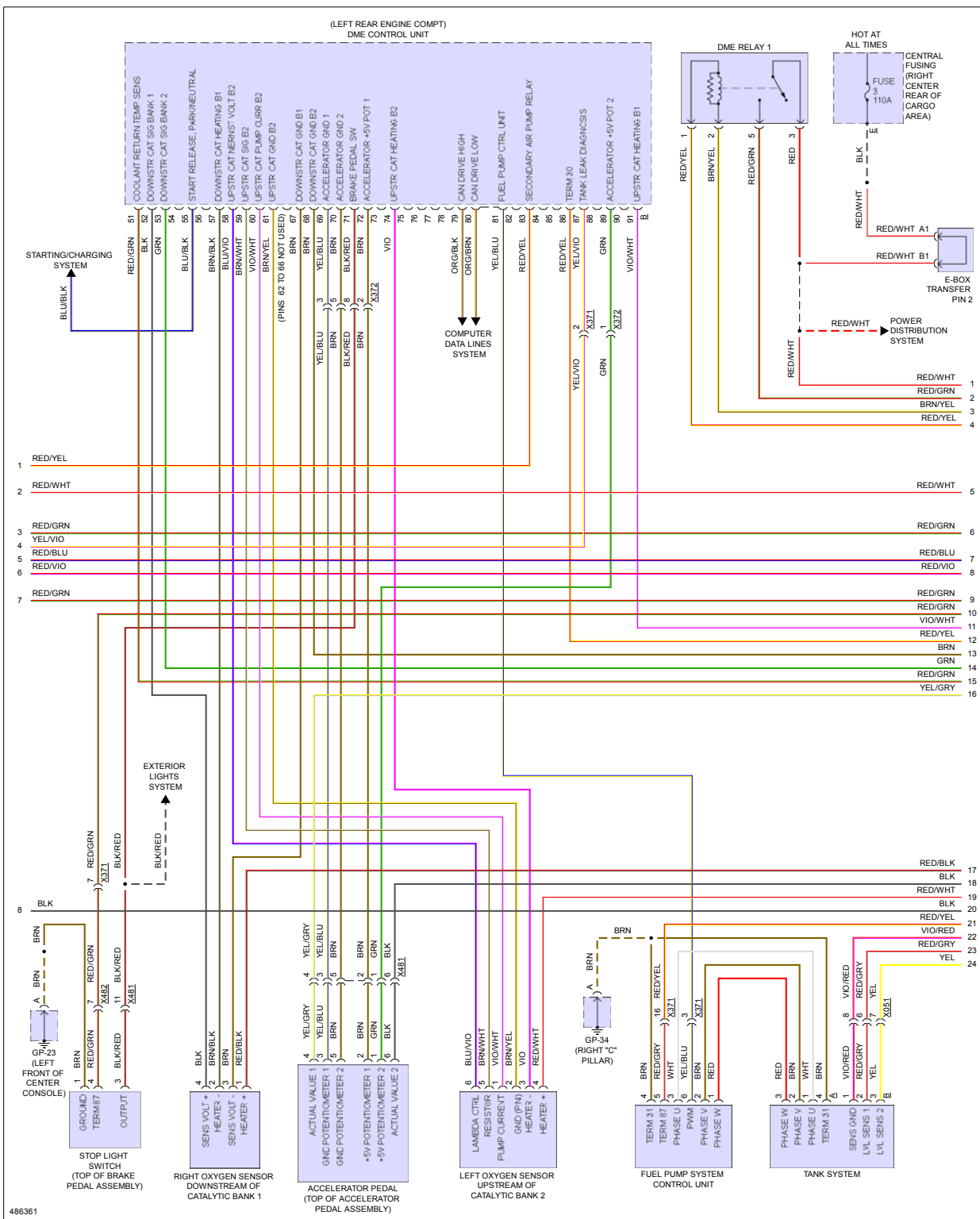
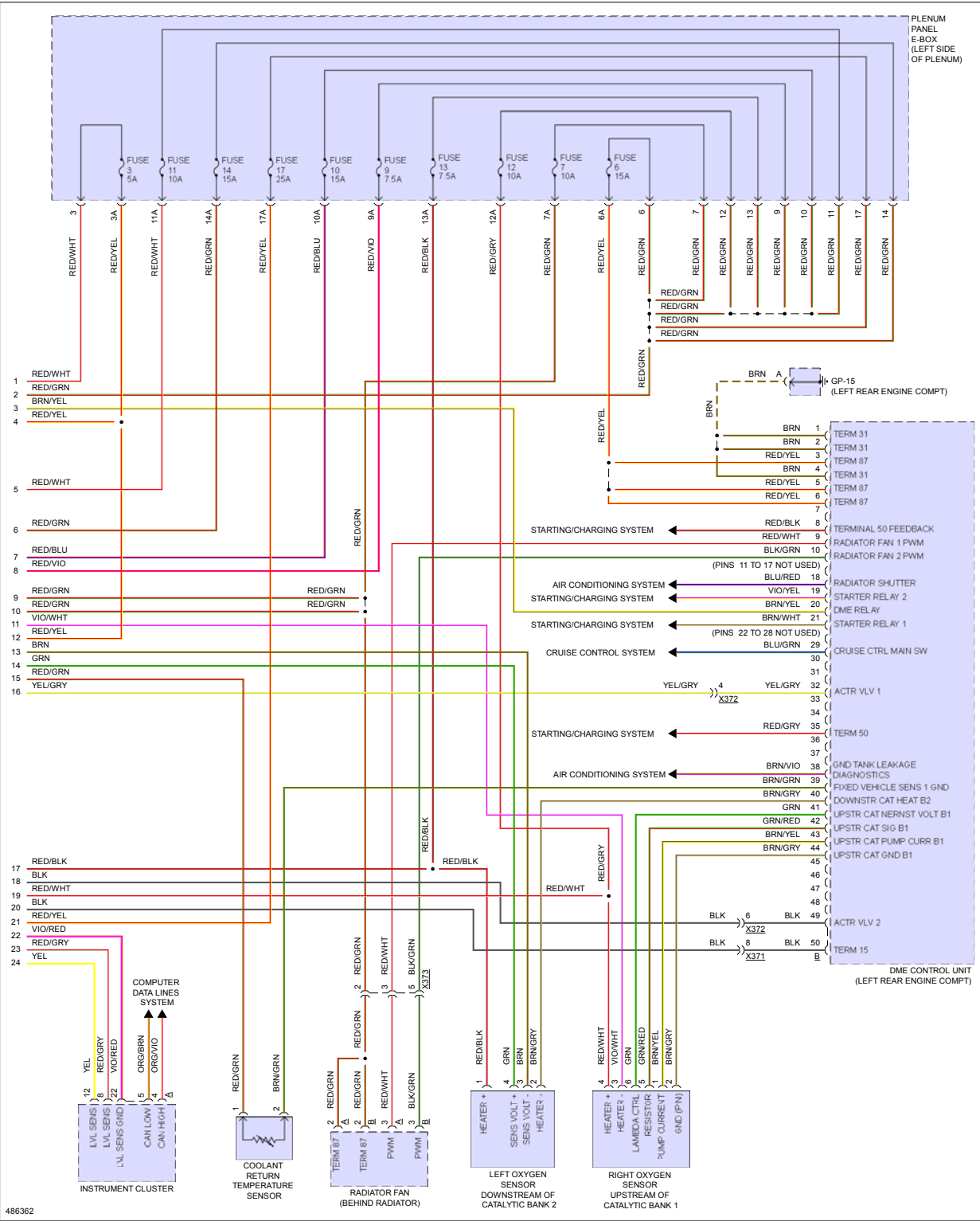


Fig 6: 3.0L Turbo, Engine Performance Circuit (6 of 6)



ENGINE PERFORMANCE > 3.6L TURBO

Fig 1: 3.6L Turbo, Engine Performance Circuit (1 of 6)

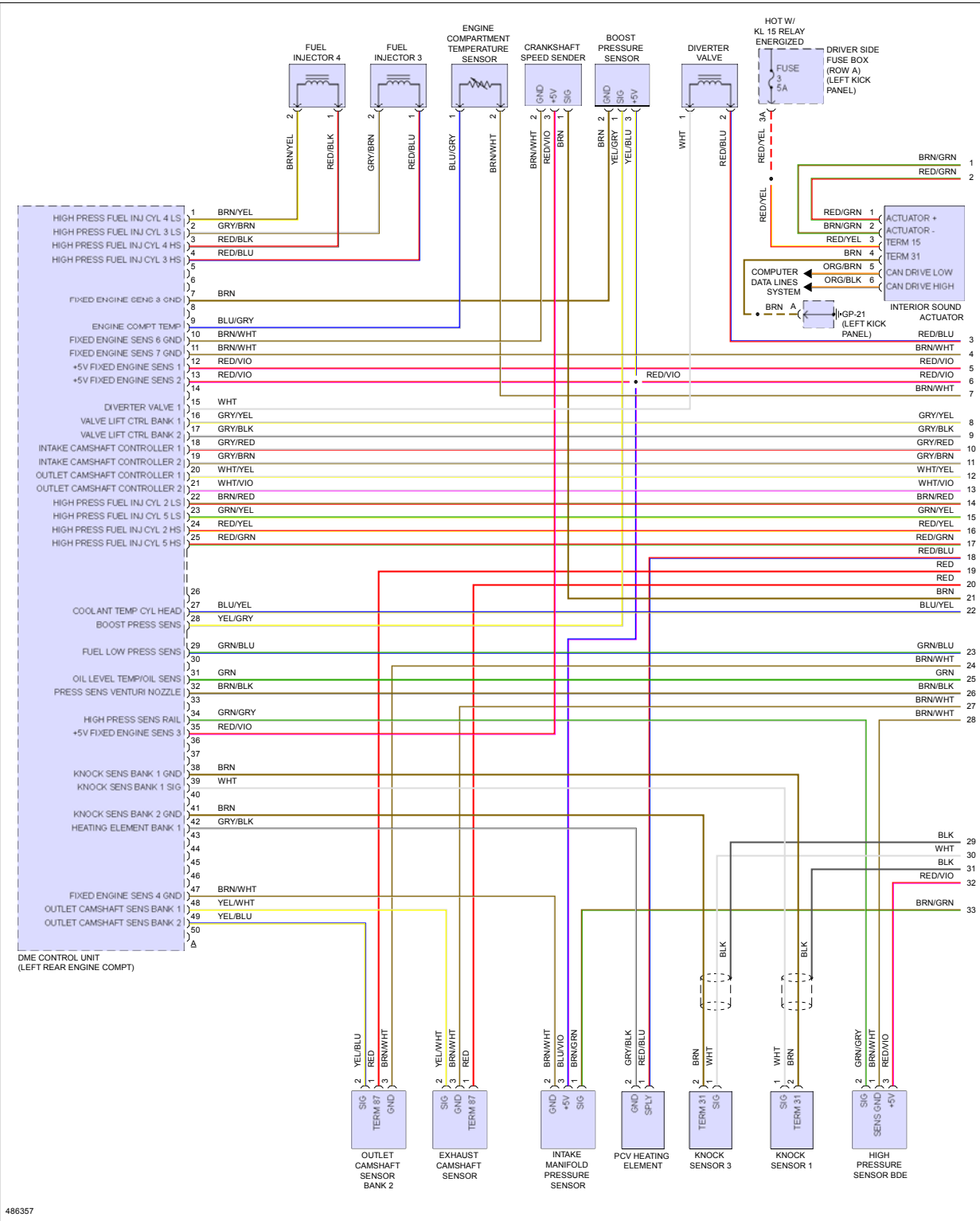


Fig 2: 3.6L Turbo, Engine Performance Circuit (2 of 6)

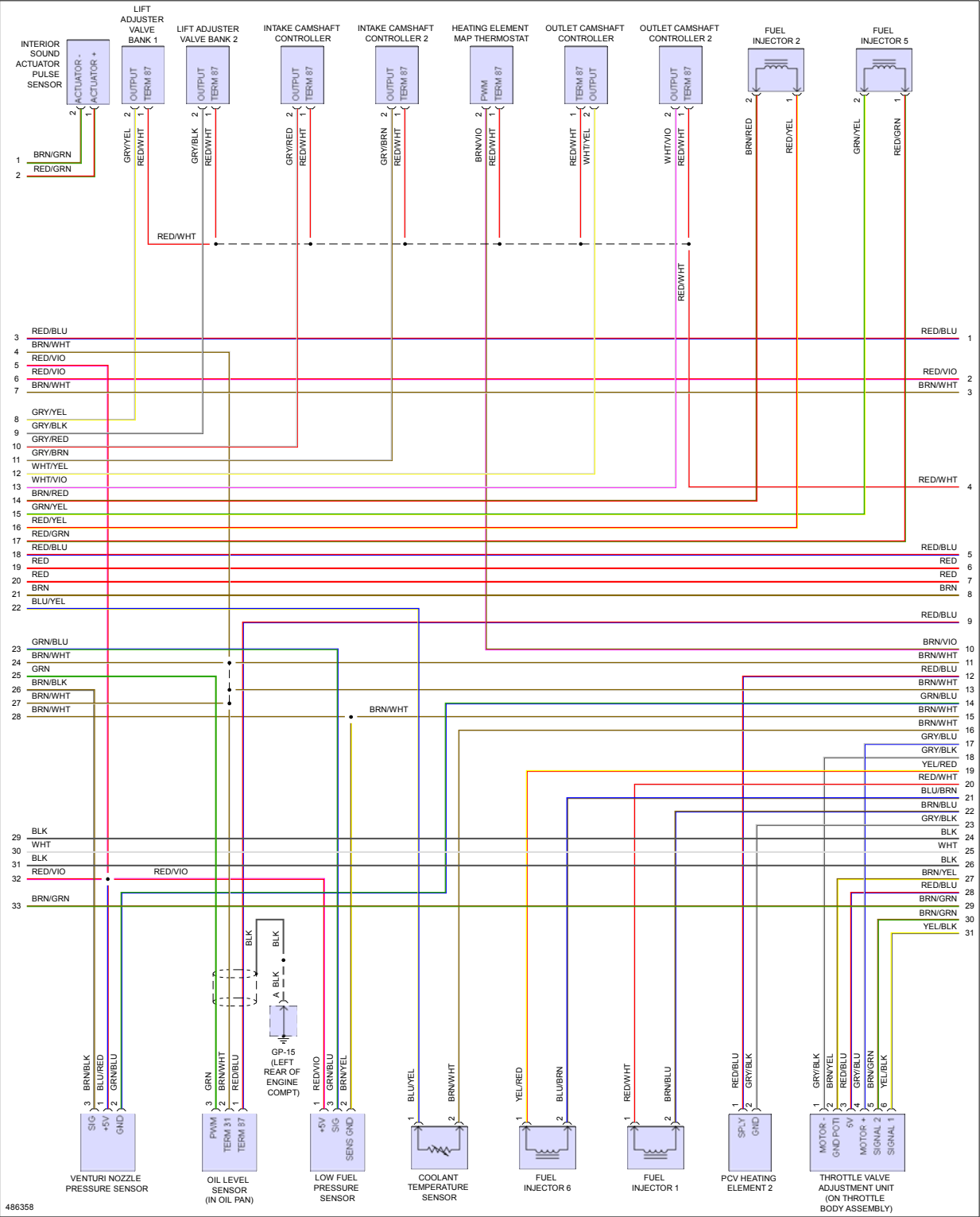


Fig 3: 3.6L Turbo, Engine Performance Circuit (3 of 6)

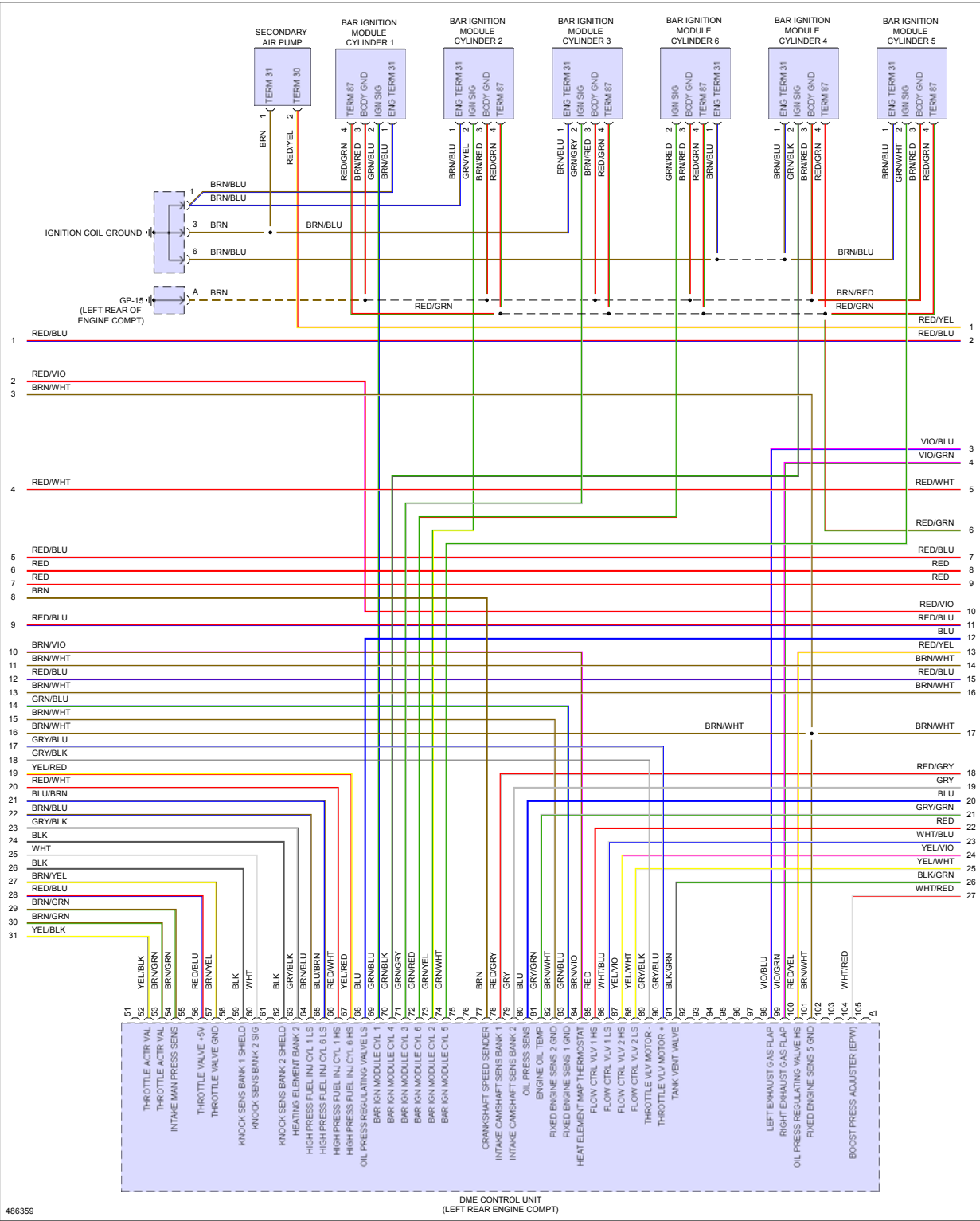


Fig 4: 3.6L Turbo, Engine Performance Circuit (4 of 6)

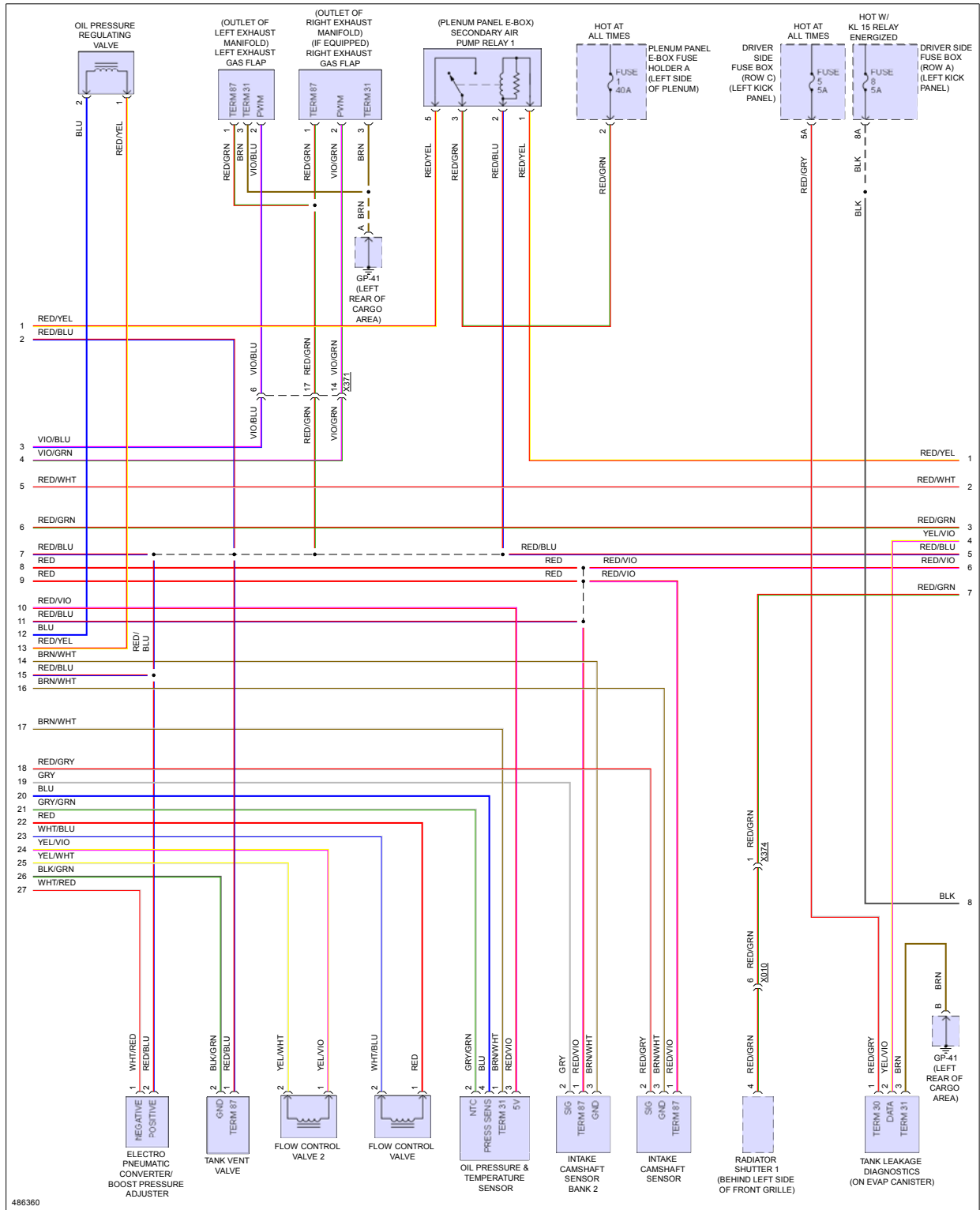


Fig 5: 3.6L Turbo, Engine Performance Circuit (5 of 6)

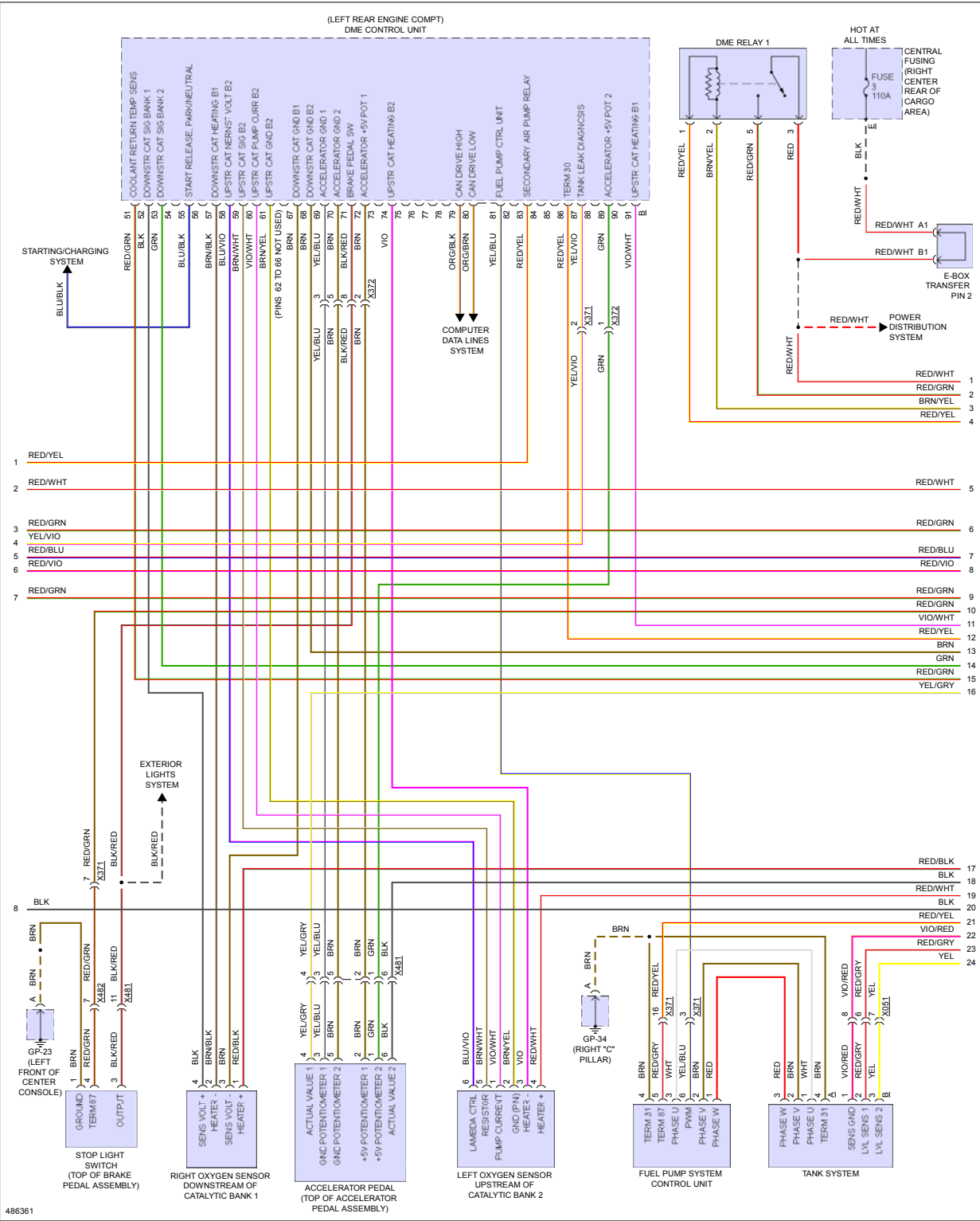


Fig 6: 3.6L Turbo, Engine Performance Circuit (6 of 6)



EXTERIOR LIGHTS

Fig 1: Backup Lamps Circuit

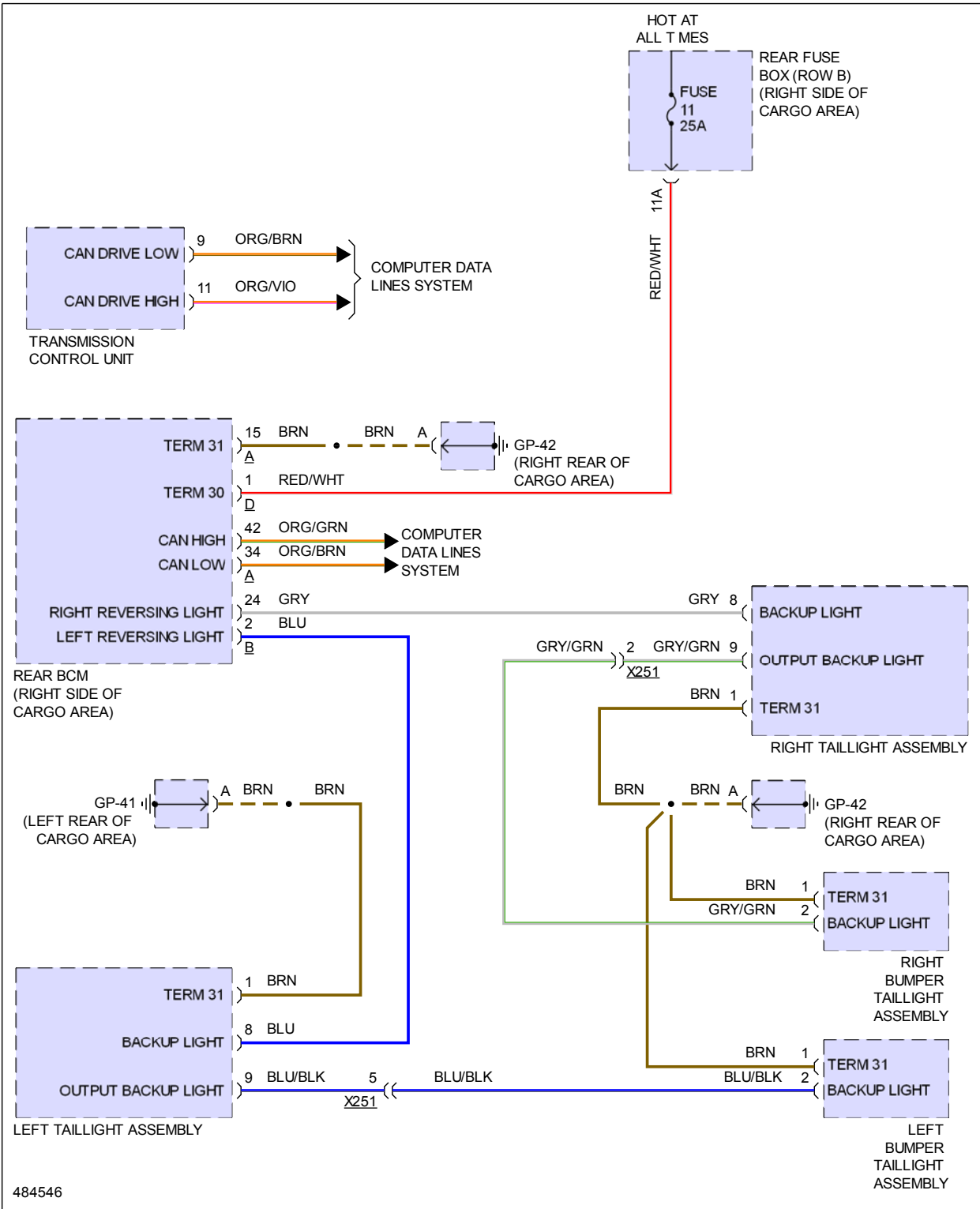
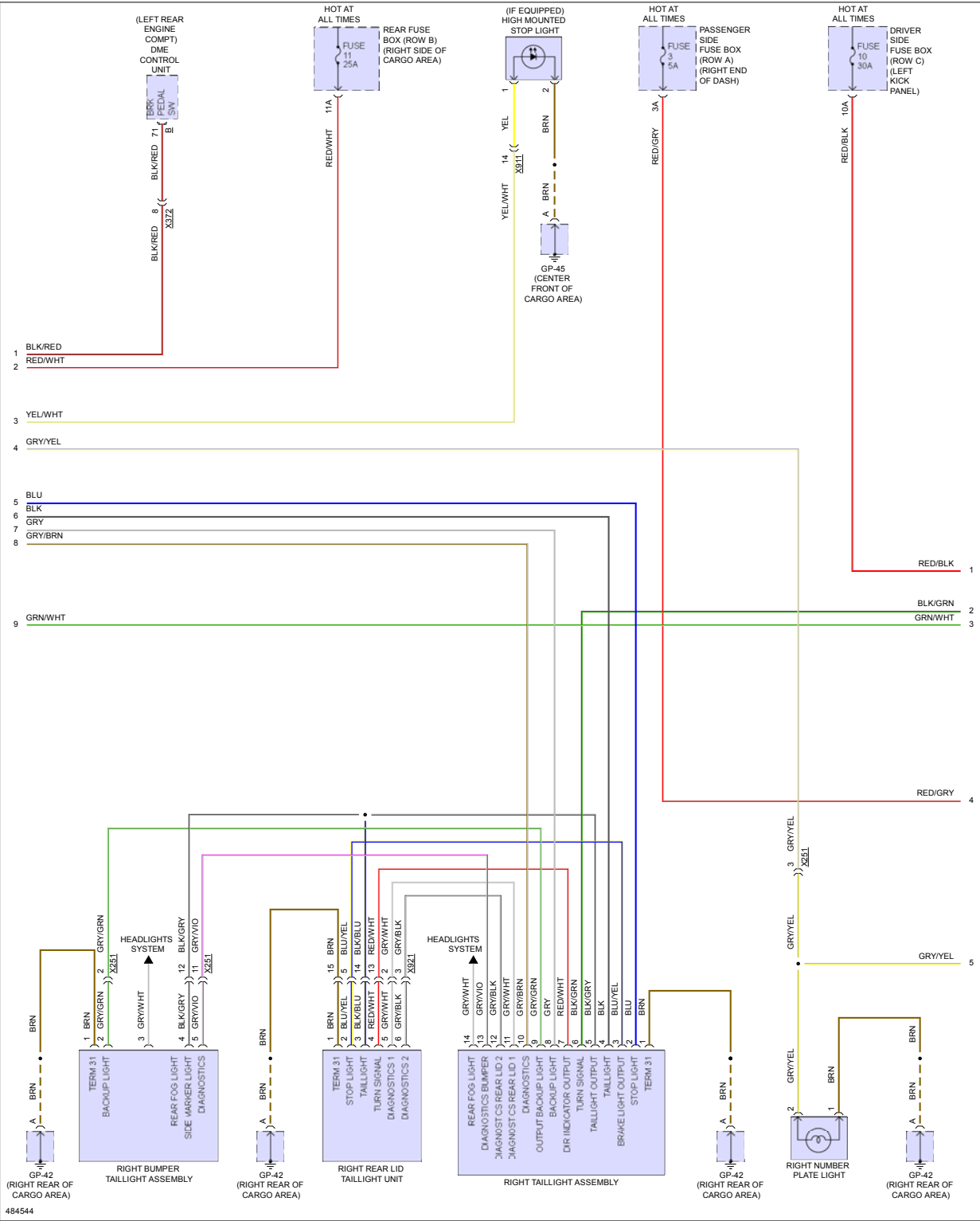


Fig 3: Exterior Lamps Circuit (2 of 3)



[illegible]

The diagram illustrates the electrical system for a vehicle's rear, showing connections between various components and their respective terminals. The components and their terminals are as follows:

- REAR FUSE BOX (ROW C) (RIGHT SIDE OF CARGO AREA):**
 - 1A: RED/WHIT
 - 3A: RED/YEL
 - 4A: RED/BLU
 - 2A: RED/WHIT
- REAR FUSE BOX (ROW B) (RIGHT SIDE OF CARGO AREA):**
 - 2A: RED/WHIT
- REAR FUSE BOX (ROW D) (RIGHT SIDE OF CARGO AREA):**
 - 2A: RED/WHIT
- GP-42 (RIGHT REAR OF CARGO AREA):**
 - A: BRN
- TRAILER HITCH PIVOT MOTOR (W/ ELECTRICALLY RETRACTABLE):**
 - 1: RED/WHIT
 - 2: BRN
 - 3: RED/YEL
 - 4: RED/BLU
 - 5: RED/WHIT
 - 6: RED/WHIT
 - 7: BLK (OR RED)
 - 8: BLK/RED
 - 9: YEL
 - 10: RED
 - 11: GRY/BLU
 - 12: RED
 - 13: BLU
 - 14: GRY/RED (OR GRN)
 - 15: GRN
 - 16: BLK/GRN (OR BRN)
 - 17: BLK/BLU
 - 18: YEL
 - 19: BLK/WHIT (OR RED)
 - 20: RED
 - 21: ORG/GRN
 - 22: ORG/BRN
 - 23: BLK/RED
 - 24: GRY
 - 25: YEL/WHIT
 - 26: YEL/BLK
 - 27: YEL/BLU
 - 28: YEL/BRN
 - 29: YEL/GRN
 - 30: GRY
 - 31: YEL/WHIT
 - 32: YEL/BLU
 - 33: YEL/BLK
 - 34: YEL/BRN
 - 35: YEL/GRN
 - 36: GRY
 - 37: YEL/WHIT
 - 38: YEL/BLU
 - 39: YEL/BLK
 - 40: YEL/BRN
 - 41: YEL/GRN
 - 42: GRY
 - 43: YEL/WHIT
 - 44: YEL/BLU
 - 45: YEL/BLK
 - 46: YEL/BRN
 - 47: YEL/GRN
 - 48: GRY
 - 49: YEL/WHIT
 - 50: YEL/BLU
 - 51: YEL/BLK
 - 52: YEL/BRN
 - 53: YEL/GRN
 - 54: GRY
 - 55: YEL/WHIT
 - 56: YEL/BLU
 - 57: YEL/BLK
 - 58: YEL/BRN
 - 59: YEL/GRN
 - 60: GRY
 - 61: YEL/WHIT
 - 62: YEL/BLU
 - 63: YEL/BLK
 - 64: YEL/BRN
 - 65: YEL/GRN
 - 66: GRY
 - 67: YEL/WHIT
 - 68: YEL/BLU
 - 69: YEL/BLK
 - 70: YEL/BRN
 - 71: YEL/GRN
 - 72: GRY
 - 73: YEL/WHIT
 - 74: YEL/BLU
 - 75: YEL/BLK
 - 76: YEL/BRN
 - 77: YEL/GRN
 - 78: GRY
 - 79: YEL/WHIT
 - 80: YEL/BLU
 - 81: YEL/BLK
 - 82: YEL/BRN
 - 83: YEL/GRN
 - 84: GRY
 - 85: YEL/WHIT
 - 86: YEL/BLU
 - 87: YEL/BLK
 - 88: YEL/BRN
 - 89: YEL/GRN
 - 90: GRY
 - 91: YEL/WHIT
 - 92: YEL/BLU
 - 93: YEL/BLK
 - 94: YEL/BRN
 - 95: YEL/GRN
 - 96: GRY
 - 97: YEL/WHIT
 - 98: YEL/BLU
 - 99: YEL/BLK
 - 100: YEL/BRN
 - 101: YEL/GRN
 - 102: GRY
 - 103: YEL/WHIT
 - 104: YEL/BLU
 - 105: YEL/BLK
 - 106: YEL/BRN
 - 107: YEL/GRN
 - 108: GRY
 - 109: YEL/WHIT
 - 110: YEL/BLU
 - 111: YEL/BLK
 - 112: YEL/BRN
 - 113: YEL/GRN
 - 114: GRY
 - 115: YEL/WHIT
 - 116: YEL/BLU
 - 117: YEL/BLK
 - 118: YEL/BRN
 - 119: YEL/GRN
 - 120: GRY
 - 121: YEL/WHIT
 - 122: YEL/BLU
 - 123: YEL/BLK
 - 124: YEL/BRN
 - 125: YEL/GRN
 - 126: GRY
 - 127: YEL/WHIT
 - 128: YEL/BLU
 - 129: YEL/BLK
 - 130: YEL/BRN
 - 131: YEL/GRN
 - 132: GRY
 - 133: YEL/WHIT
 - 134: YEL/BLU
 - 135: YEL/BLK
 - 136: YEL/BRN
 - 137: YEL/GRN
 - 138: GRY
 - 139: YEL/WHIT
 - 140: YEL/BLU
 - 141: YEL/BLK
 - 142: YEL/BRN
 - 143: YEL/GRN
 - 144: GRY
 - 145: YEL/WHIT
 - 146: YEL/BLU
 - 147: YEL/BLK
 - 148: YEL/BRN
 - 149: YEL/GRN
 - 150: GRY
 - 151: YEL/WHIT
 - 152: YEL/BLU
 - 153: YEL/BLK
 - 154: YEL/BRN
 - 155: YEL/GRN
 - 156: GRY
 - 157: YEL/WHIT
 - 158: YEL/BLU
 - 159: YEL/BLK
 - 160: YEL/BRN
 - 161: YEL/GRN
 - 162: GRY
 - 163: YEL/WHIT
 - 164: YEL/BLU
 - 165: YEL/BLK
 - 166: YEL/BRN
 - 167: YEL/GRN
 - 168: GRY
 - 169: YEL/WHIT
 - 170: YEL/BLU
 - 171: YEL/BLK
 - 172: YEL/BRN
 - 173: YEL/GRN
 - 174: GRY
 - 175: YEL/WHIT
 - 176: YEL/BLU
 - 177: YEL/BLK
 - 178: YEL/BRN
 - 179: YEL/GRN
 - 180: GRY
 - 181: YEL/WHIT
 - 182: YEL/BLU
 - 183: YEL/BLK
 - 184: YEL/BRN
 - 185: YEL/GRN
 - 186: GRY
 - 187: YEL/WHIT
 - 188: YEL/BLU
 - 189: YEL/BLK
 - 190: YEL/BRN
 - 191: YEL/GRN
 - 192: GRY
 - 193: YEL/WHIT
 - 194: YEL/BLU
 - 195: YEL/BLK
 - 196: YEL/BRN
 - 197: YEL/GRN
 - 198: GRY
 - 199: YEL/WHIT
 - 200: YEL/BLU
 - 201: YEL/BLK
 - 202: YEL/BRN
 - 203: YEL/GRN
 - 204: GRY
 - 205: YEL/WHIT
 - 206: YEL/BLU
 - 207: YEL/BLK
 - 208: YEL/BRN
 - 209: YEL/GRN
 - 210: GRY
 - 211: YEL/WHIT
 - 212: YEL/BLU
 - 213: YEL/BLK
 - 214: YEL/BRN
 - 215: YEL/GRN
 - 216: GRY
 - 217: YEL/WHIT
 - 218: YEL/BLU
 - 219: YEL/BLK
 - 220: YEL/BRN
 - 221: YEL/GRN
 - 222: GRY
 - 223: YEL/WHIT
 - 224: YEL/BLU
 - 225: YEL/BLK
 - 226: YEL/BRN
 - 227: YEL/GRN
 - 228: GRY
 - 229: YEL/WHIT
 - 230: YEL/BLU
 - 231: YEL/BLK
 - 232: YEL/BRN
 - 233: YEL/GRN
 - 234: GRY
 - 235: YEL/WHIT
 - 236: YEL/BLU
 - 237: YEL/BLK
 - 238: YEL/BRN
 - 239: YEL/GRN
 - 240: GRY
 - 241: YEL/WHIT
 - 242: YEL/BLU
 - 243: YEL/BLK
 - 244: YEL/BRN
 - 245: YEL/GRN
 - 246: GRY
 - 247: YEL/WHIT
 - 248: YEL/BLU
 - 249: YEL/BLK
 - 250: YEL/BRN
 - 251: YEL/GRN
 - 252: GRY
 - 253: YEL/WHIT
 - 254: YEL/BLU
 - 255: YEL/BLK
 - 256: YEL/BRN
 - 257: YEL/GRN
 - 258: GRY
 - 259: YEL/WHIT
 - 260: YEL/BLU
 - 261: YEL/BLK
 - 262: YEL/BRN
 - 263: YEL/GRN
 - 264: GRY
 - 265: YEL/WHIT
 - 266: YEL/BLU
 - 267: YEL/BLK
 -

GROUND DISTRIBUTION

Fig 1: Ground Distribution Circuit (1 of 7)

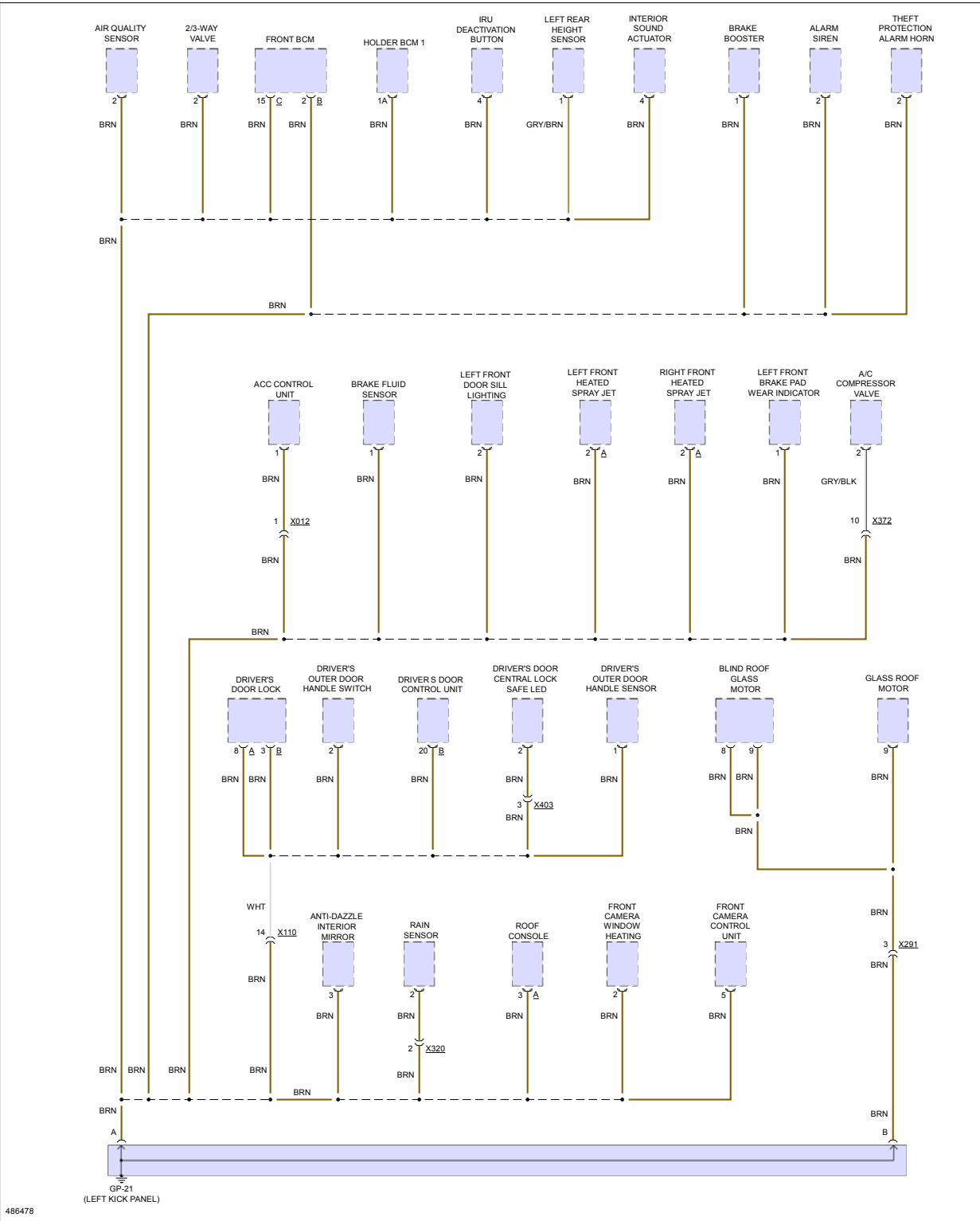


Fig 2: Ground Distribution Circuit (2 of 7)

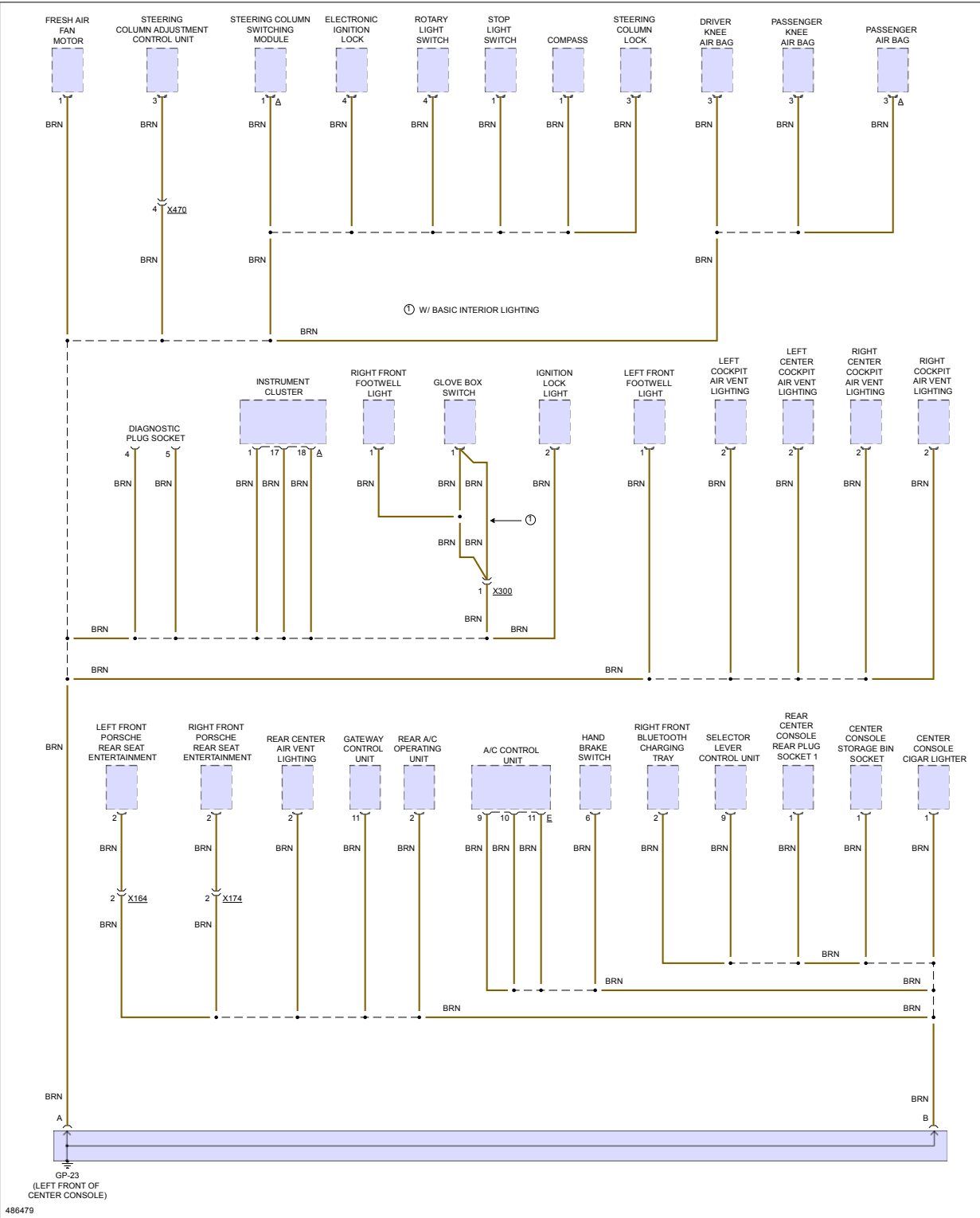


Fig 3: Ground Distribution Circuit (3 of 7)

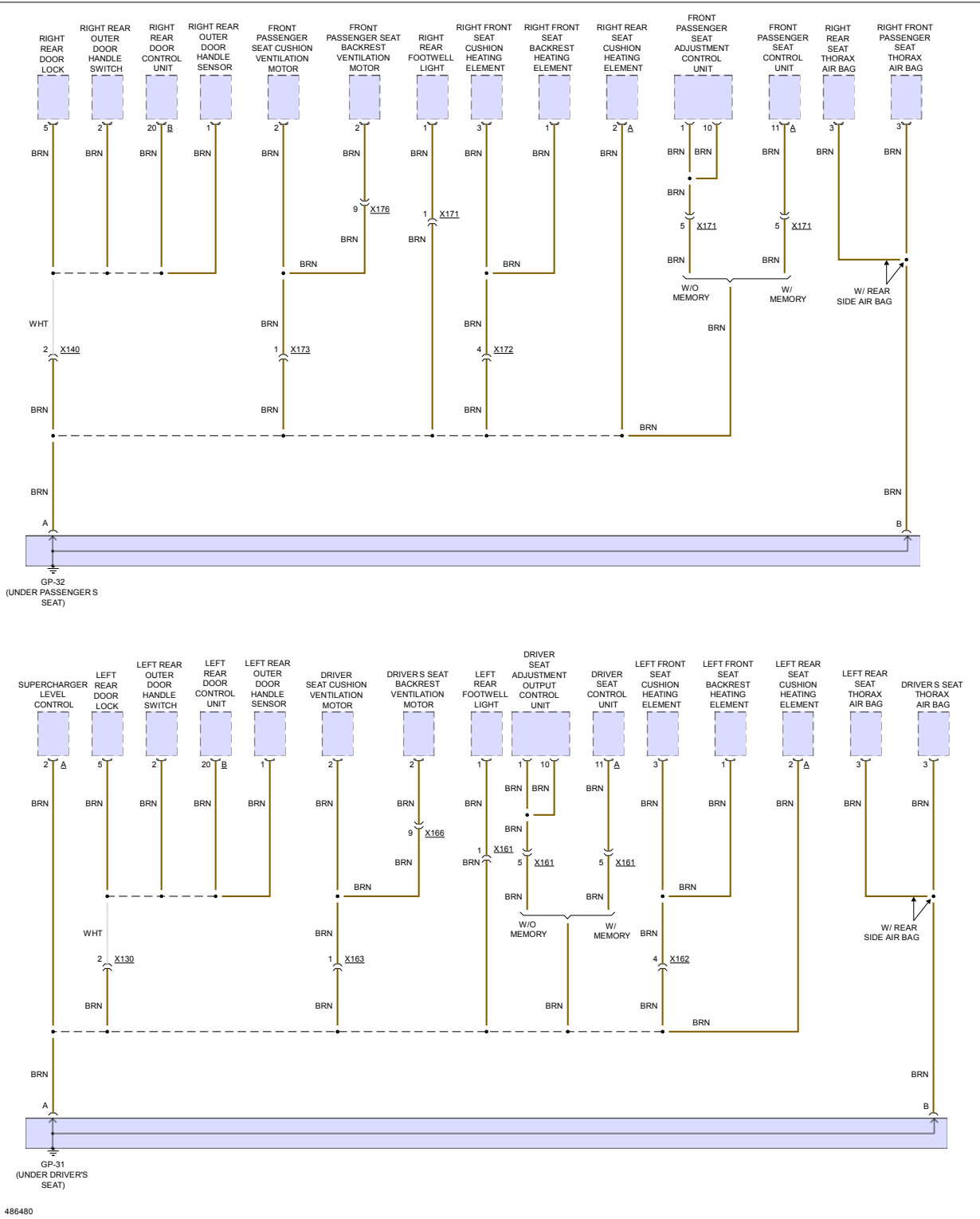


Fig 4: Ground Distribution Circuit (4 of 7)

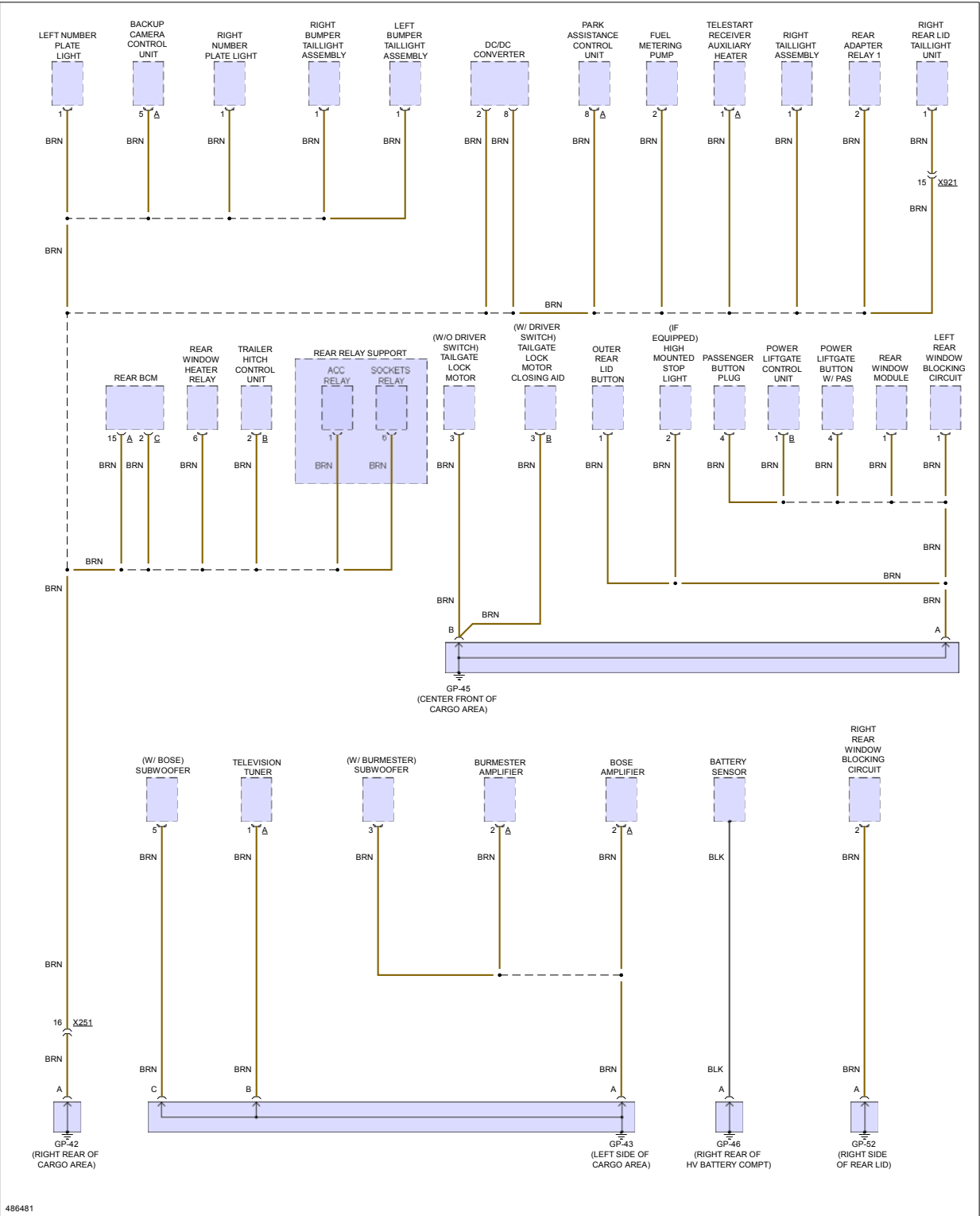


Fig 5: Ground Distribution Circuit (5 of 7)

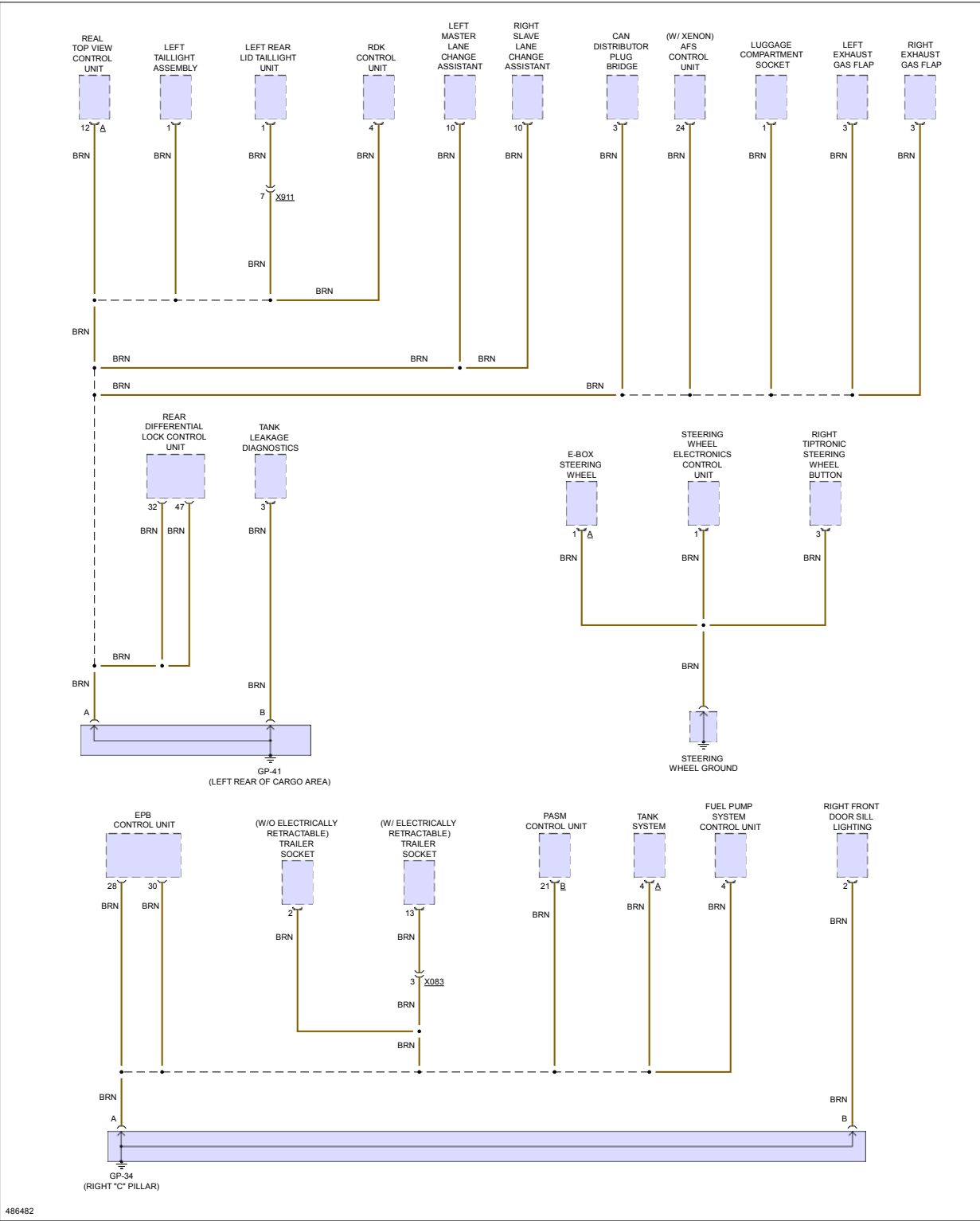


Fig 6: Ground Distribution Circuit (6 of 7)

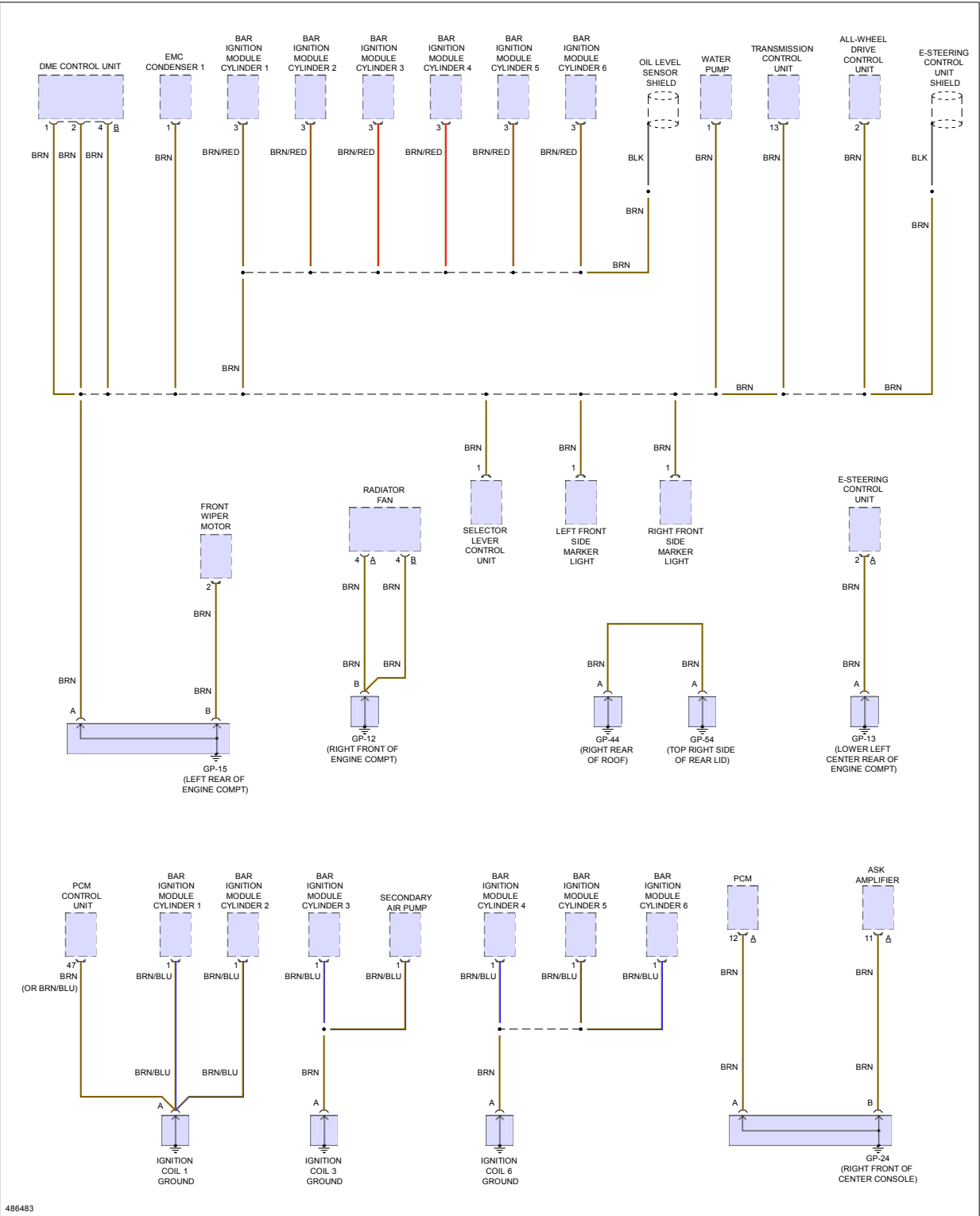
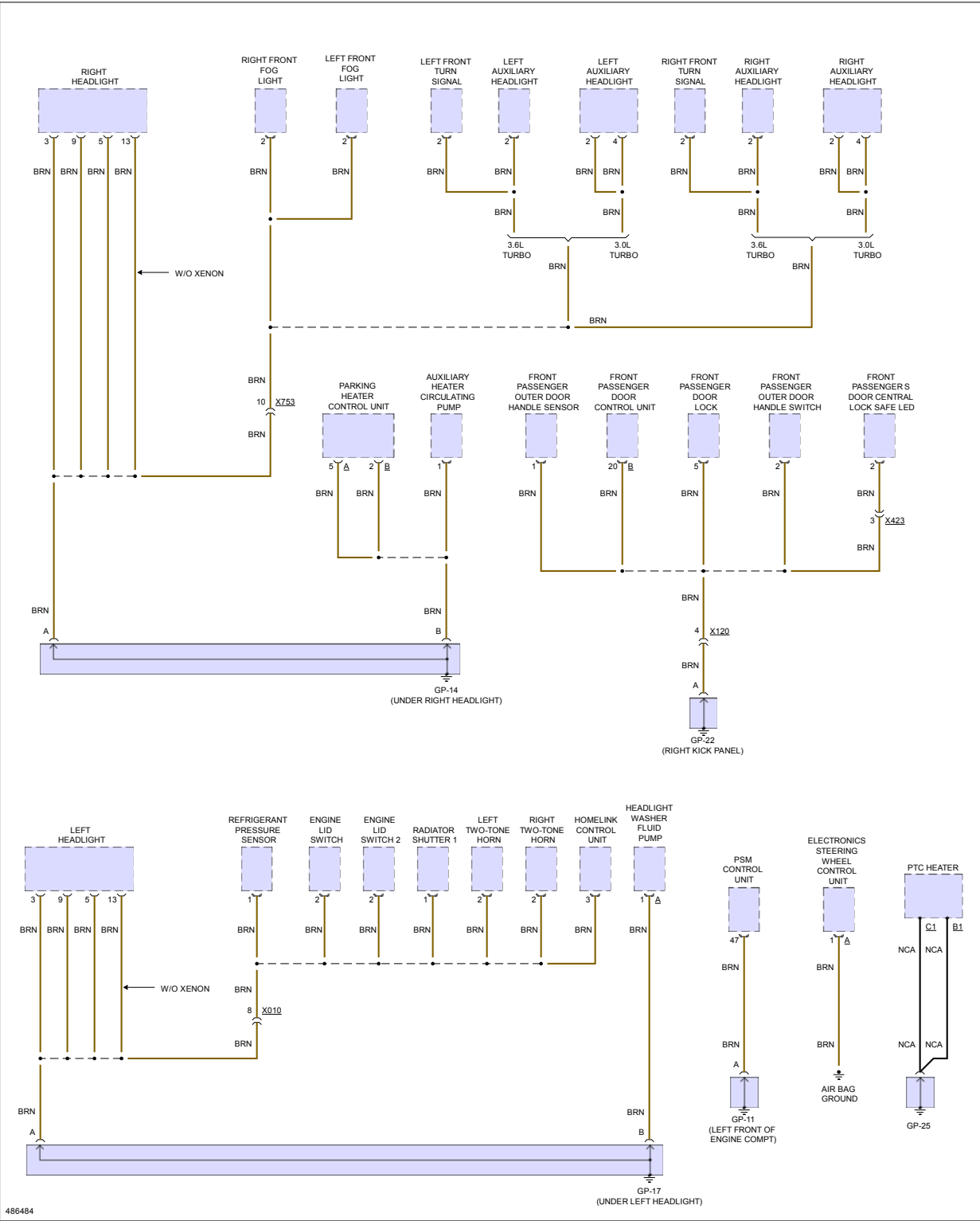


Fig 7: Ground Distribution Circuit (7 of 7)



HEADLIGHTS

Fig 1: Headlights Circuit (1 of 3)

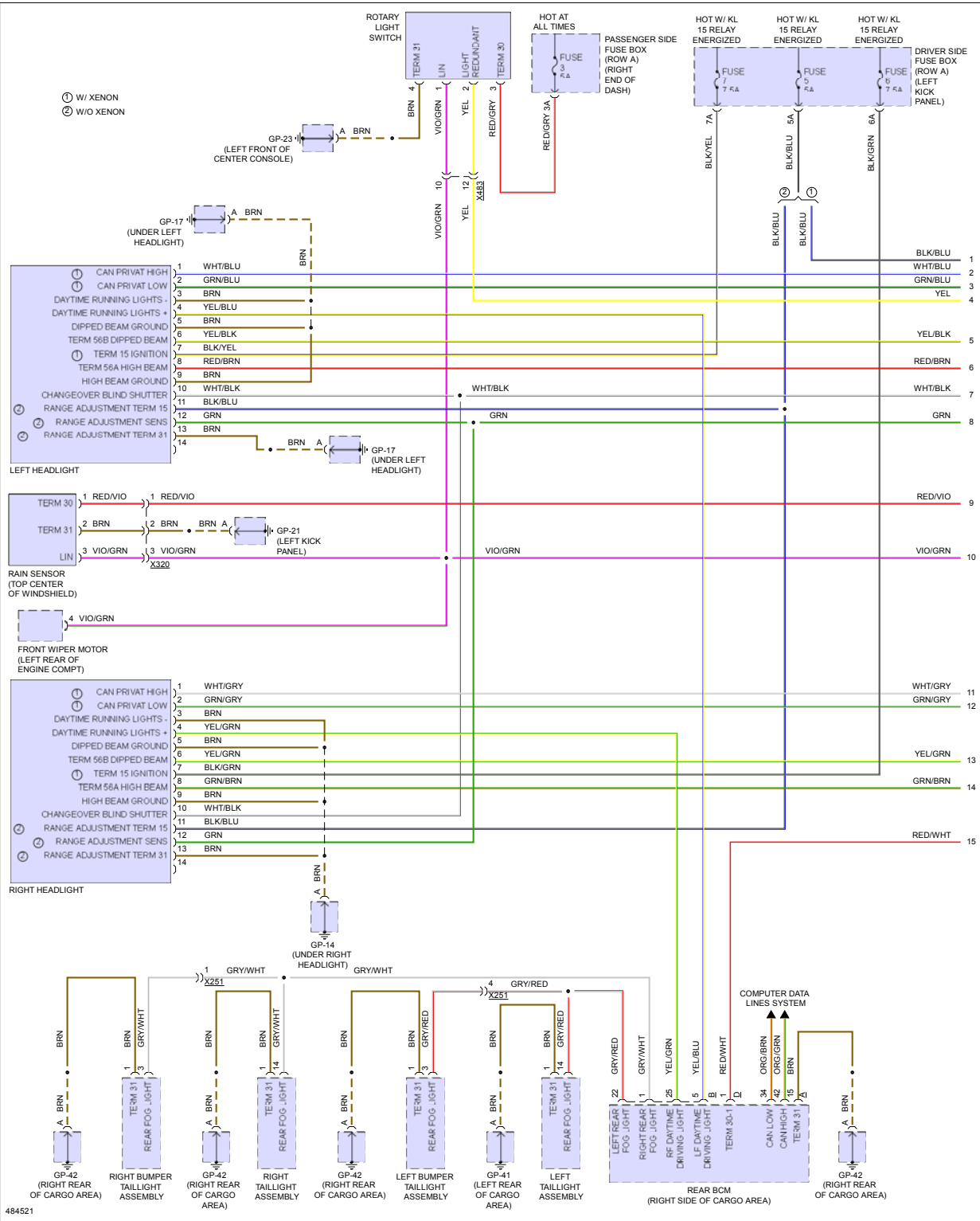


Fig 2: Headlights Circuit (2 of 3)

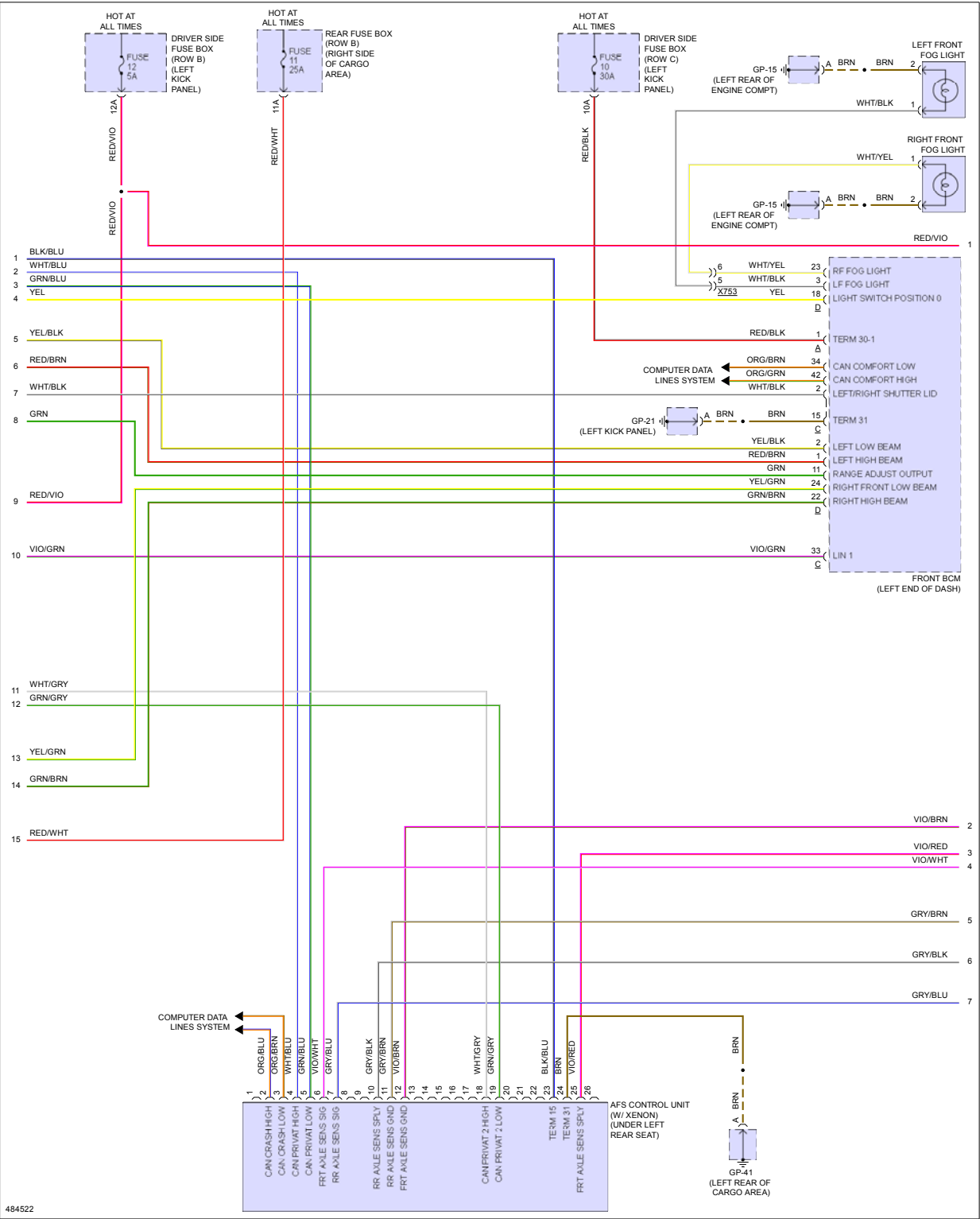


Fig 3: Headlights Circuit (3 of 3)

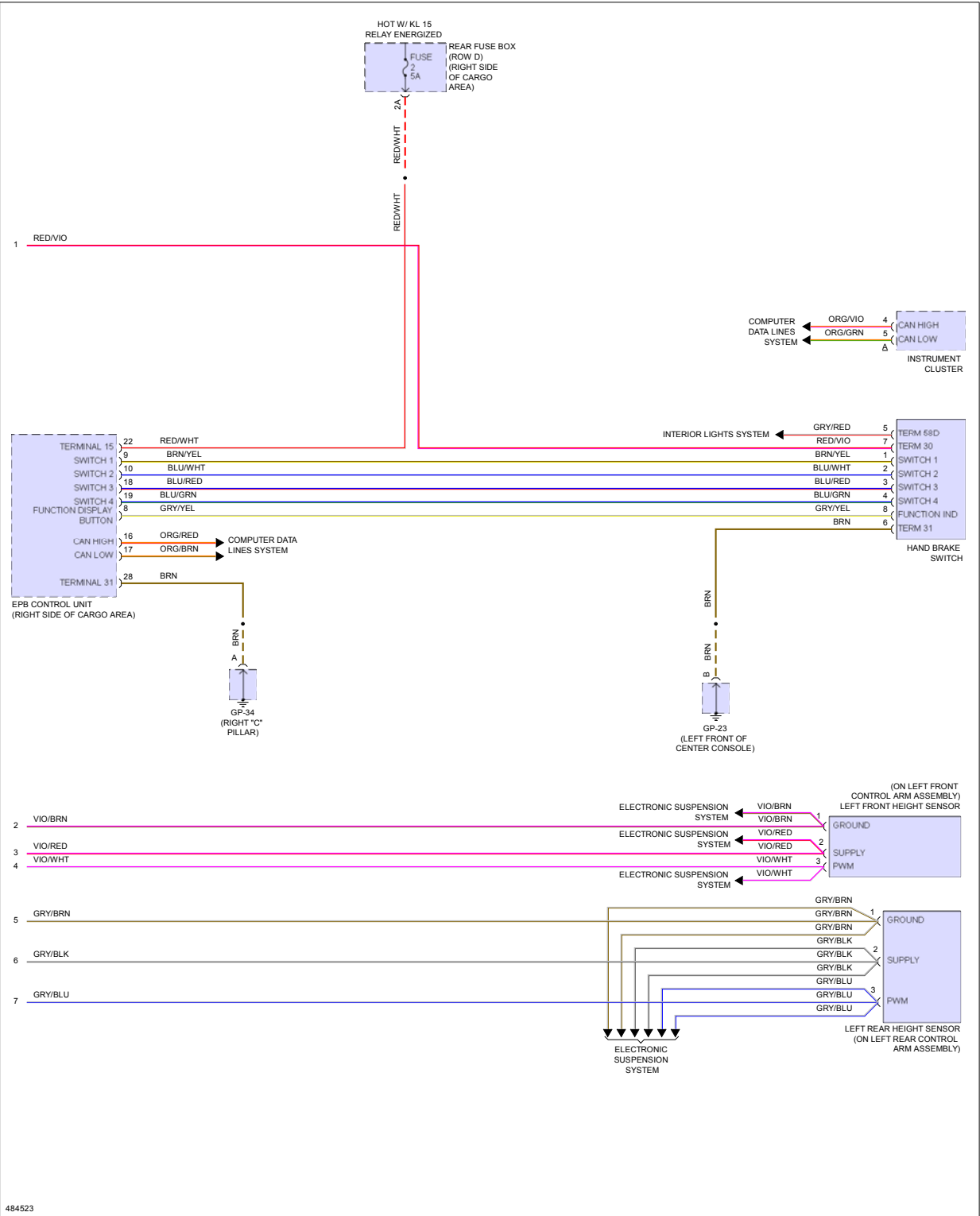


Fig 1: Horn Circuit



INSTRUMENT CLUSTER

Fig 1: Electronic Compass Circuit

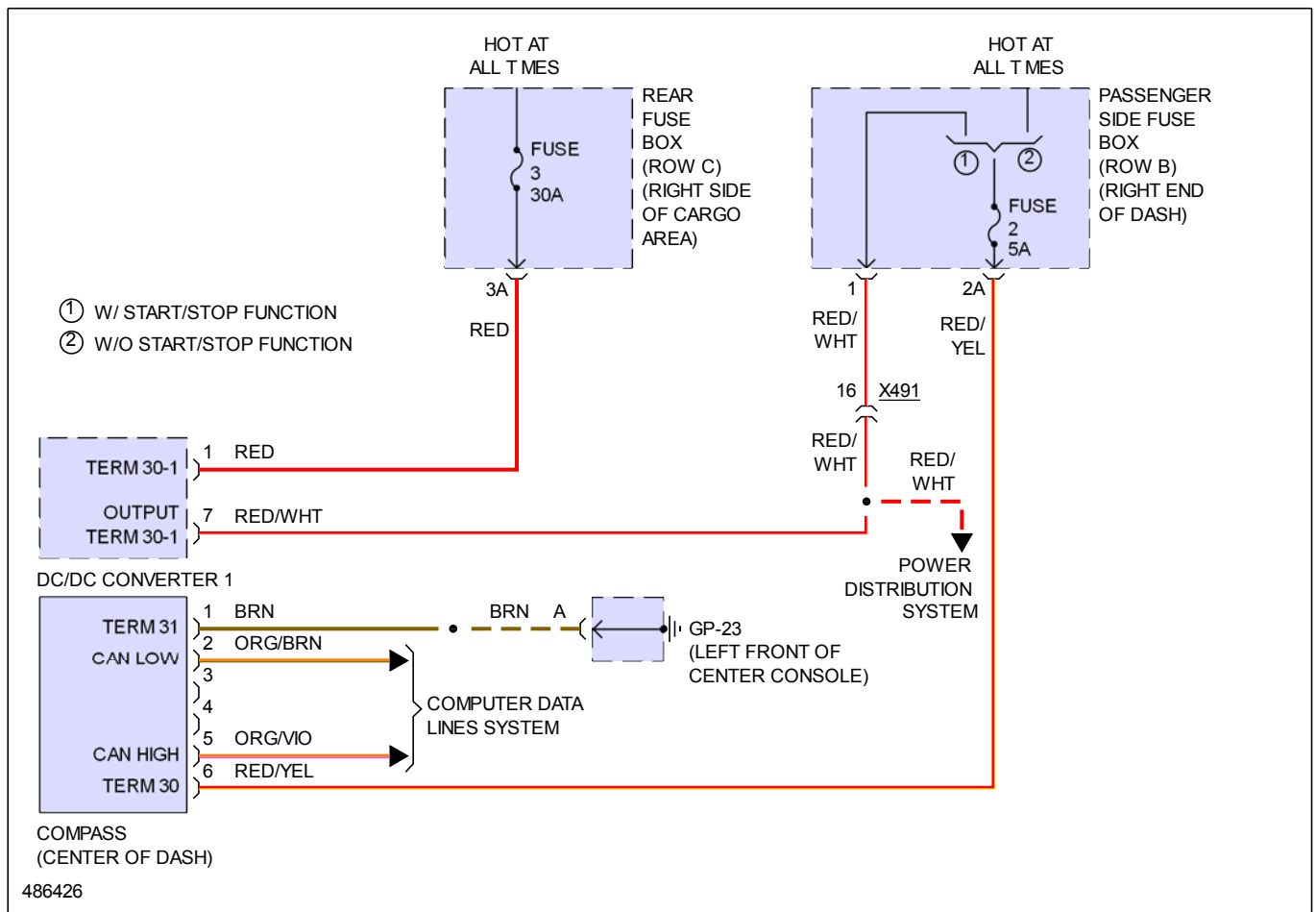


Fig 2: Instrument Cluster Circuit

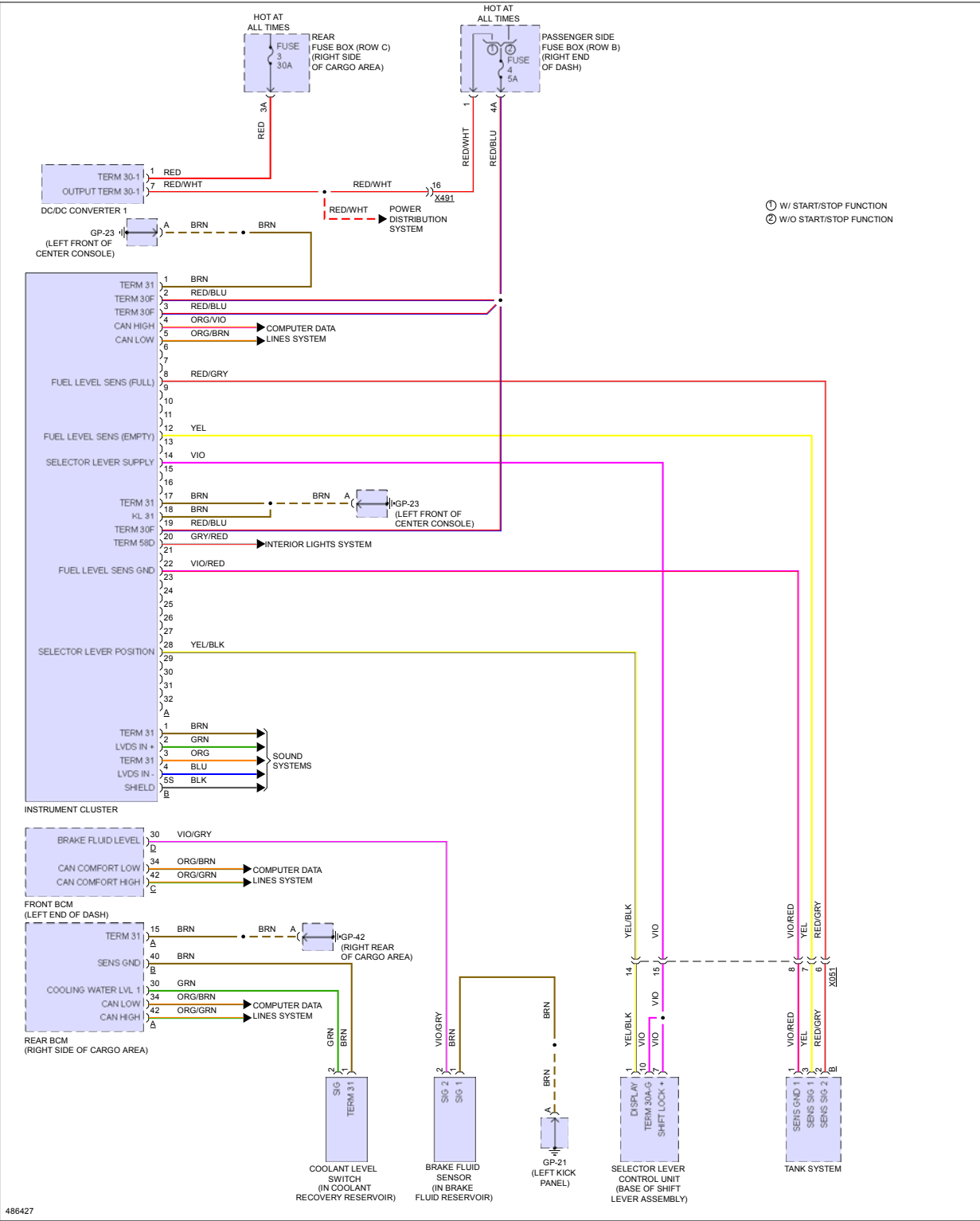


Fig 3: Overhead Console Circuit

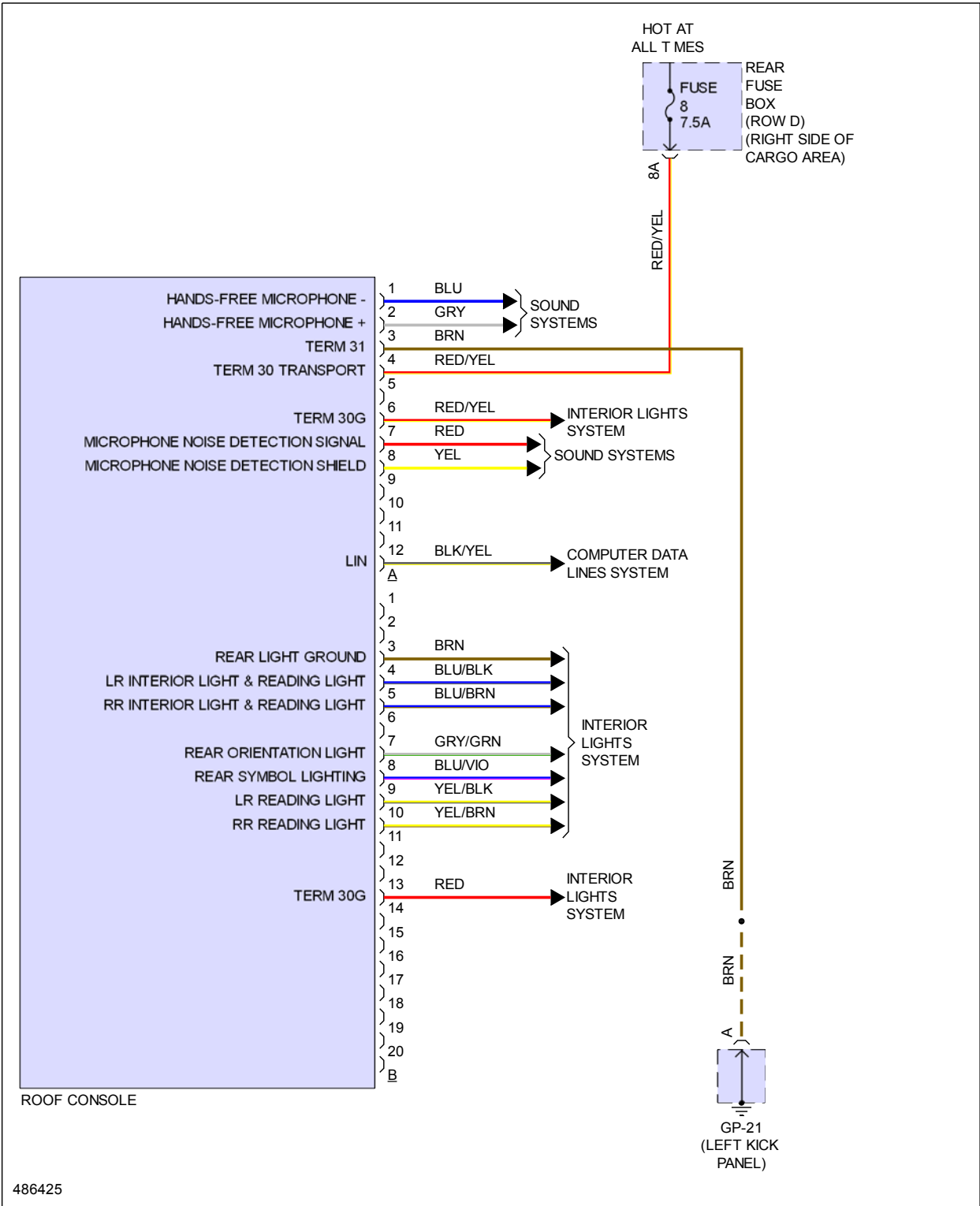


Fig 1: Interior Lights Circuit (1 of 4)



Fig 2: Interior Lights Circuit (2 of 4)

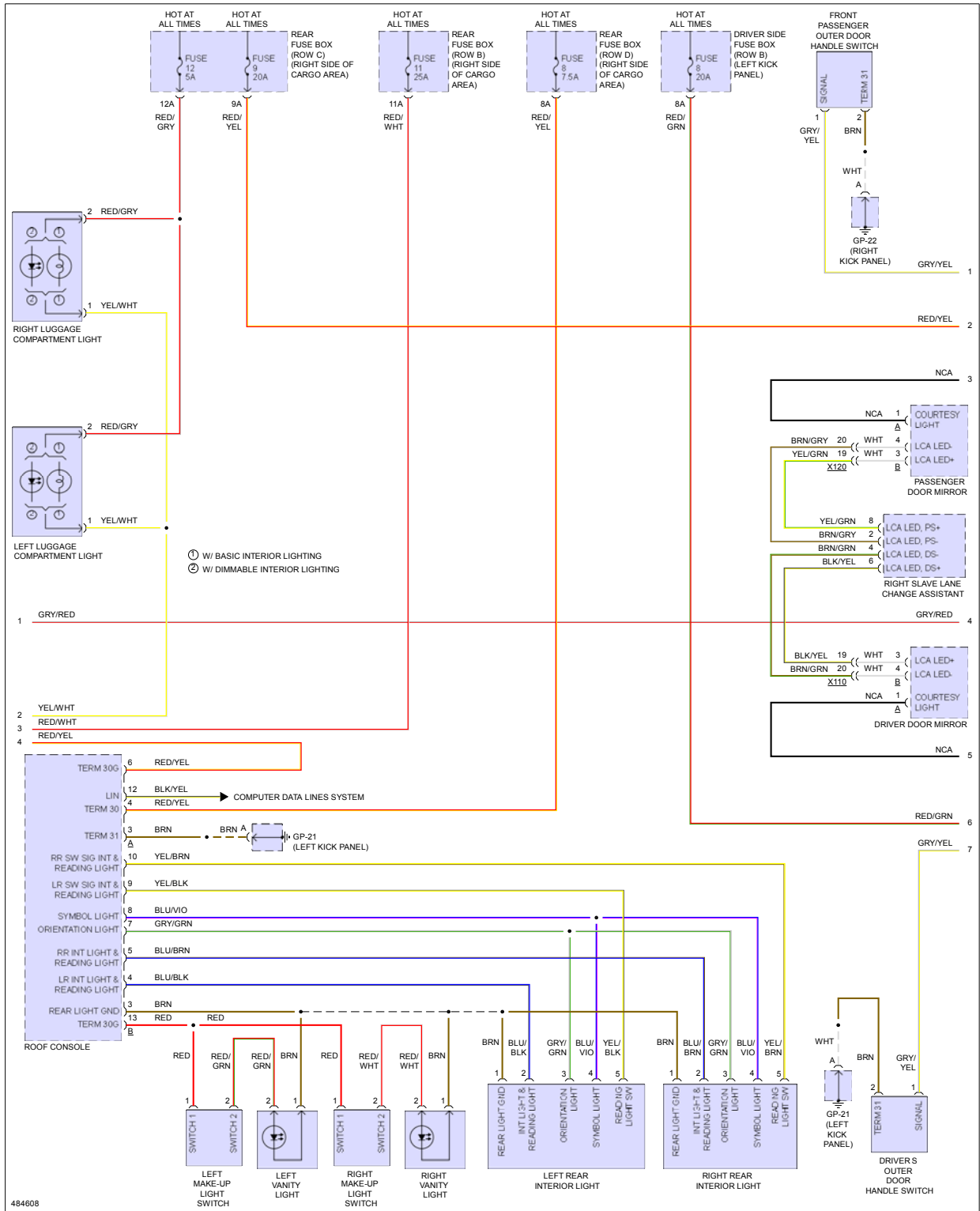


Fig 3: Interior Lights Circuit (3 of 4)

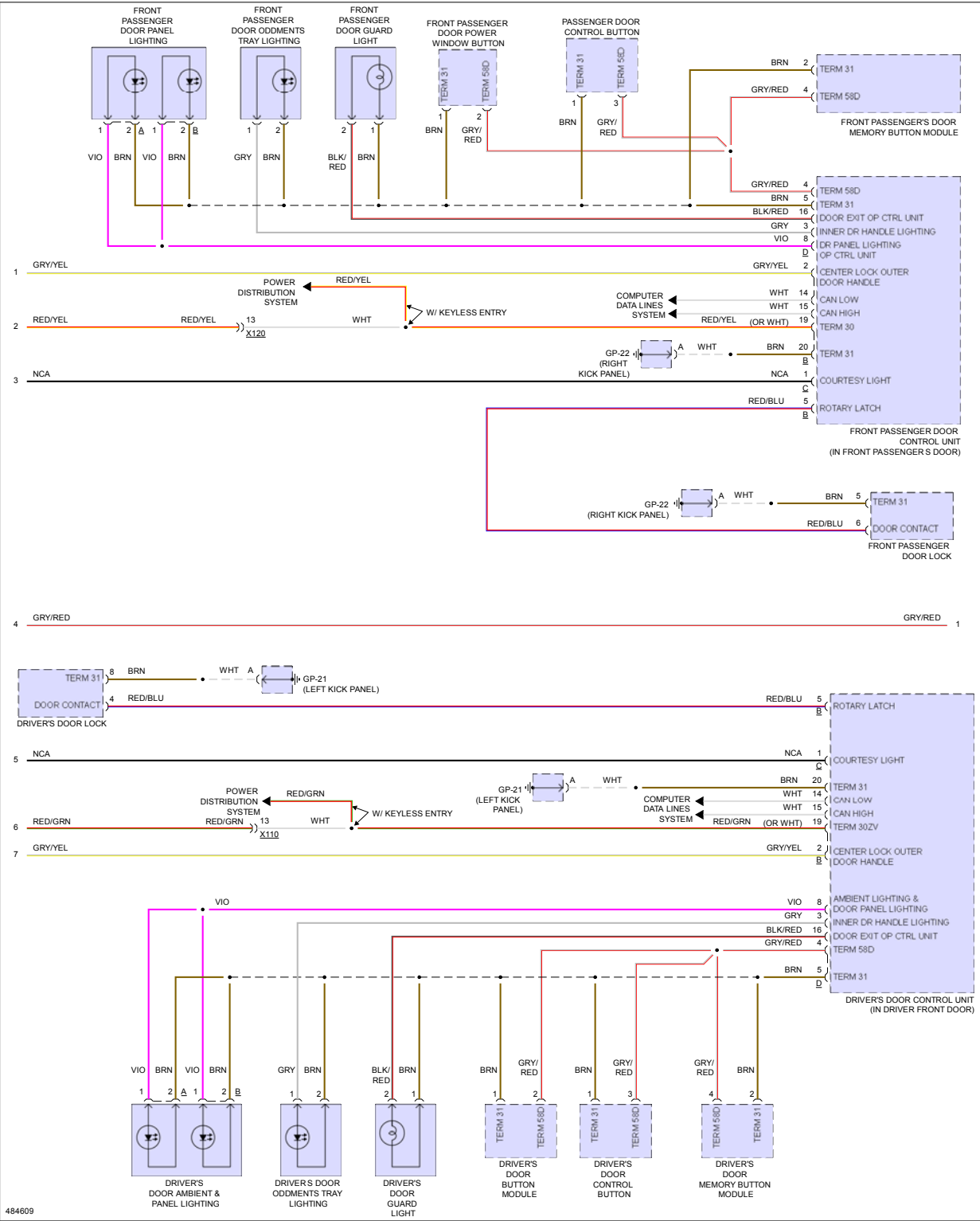


Fig 4: Interior Lights Circuit (4 of 4)



MEMORY SYSTEMS

Fig 1: Driver's Memory Seat Circuit (1 of 2)

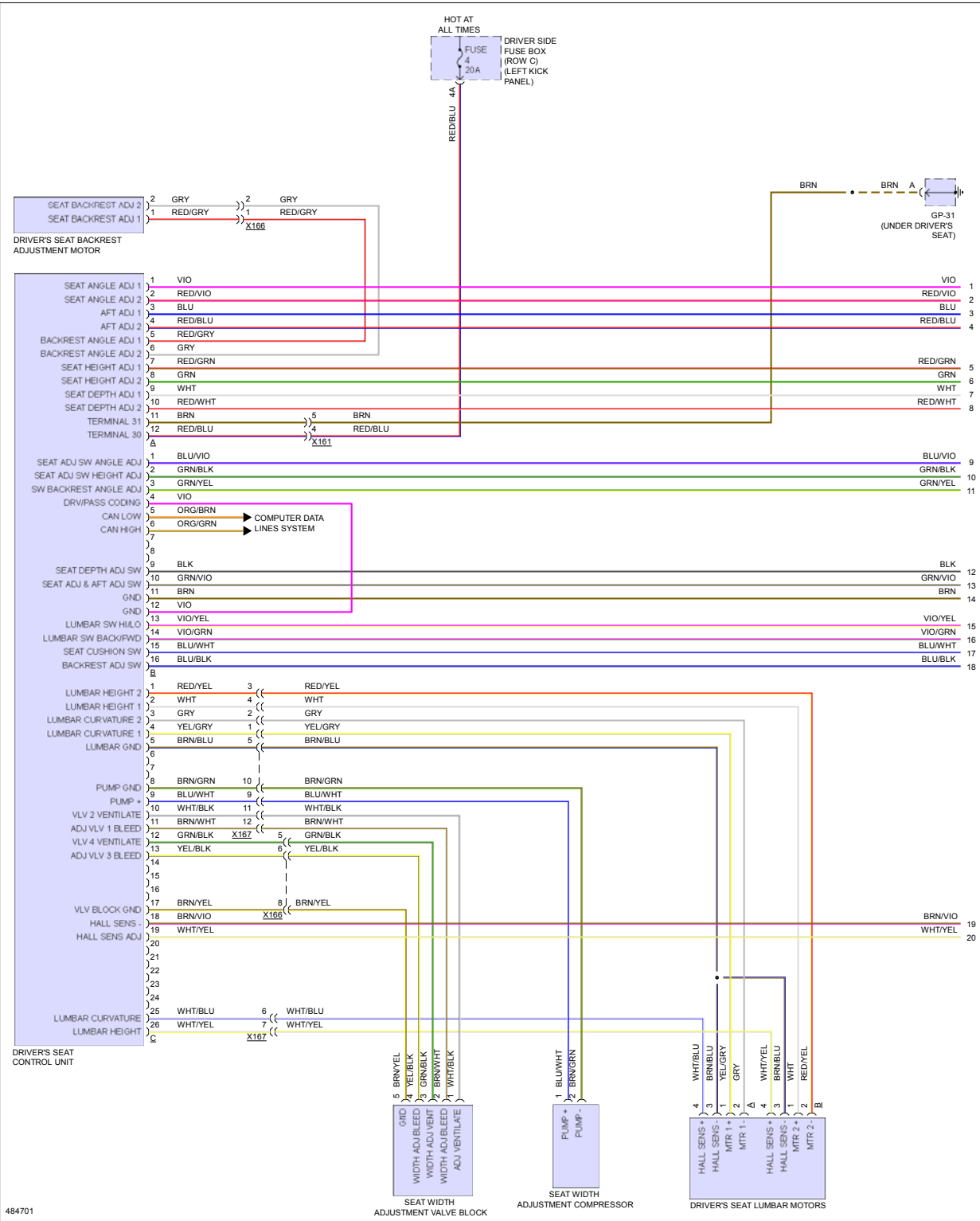
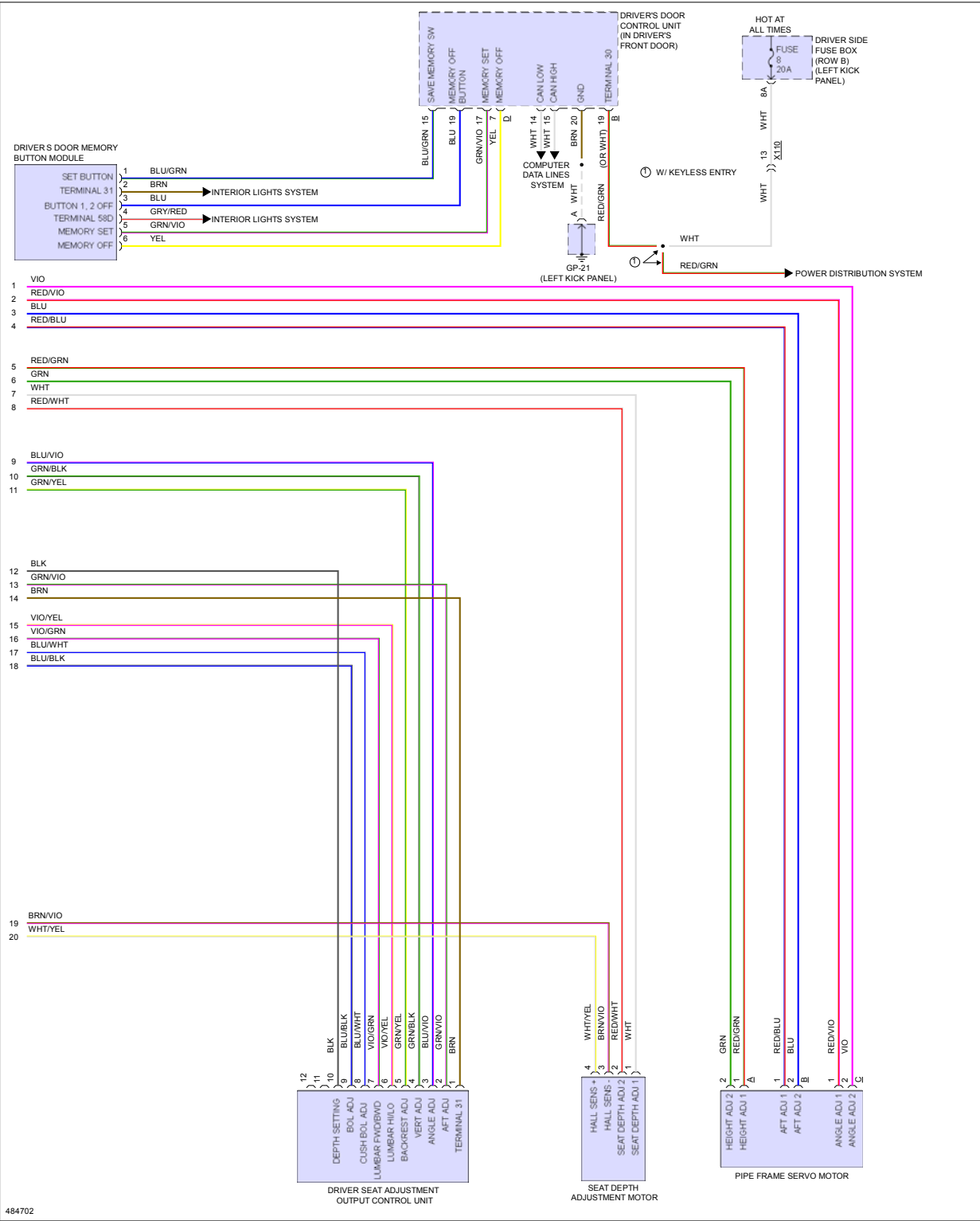


Fig 2: Driver's Memory Seat Circuit (2 of 2)



[illegible]

Fig 4: Passenger's Memory Seat Circuit (1 of 2)

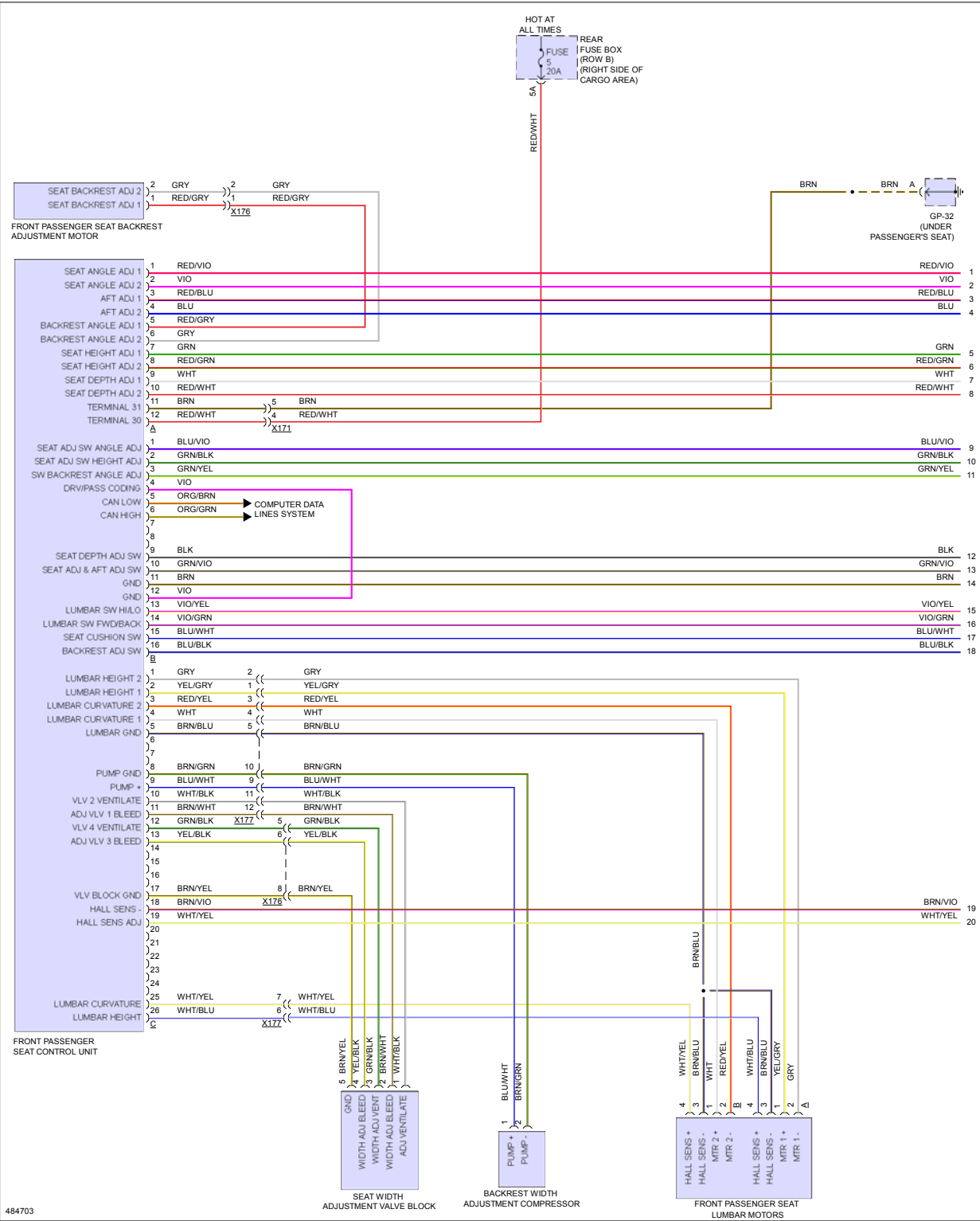


Fig 5: Passenger's Memory Seat Circuit (2 of 2)

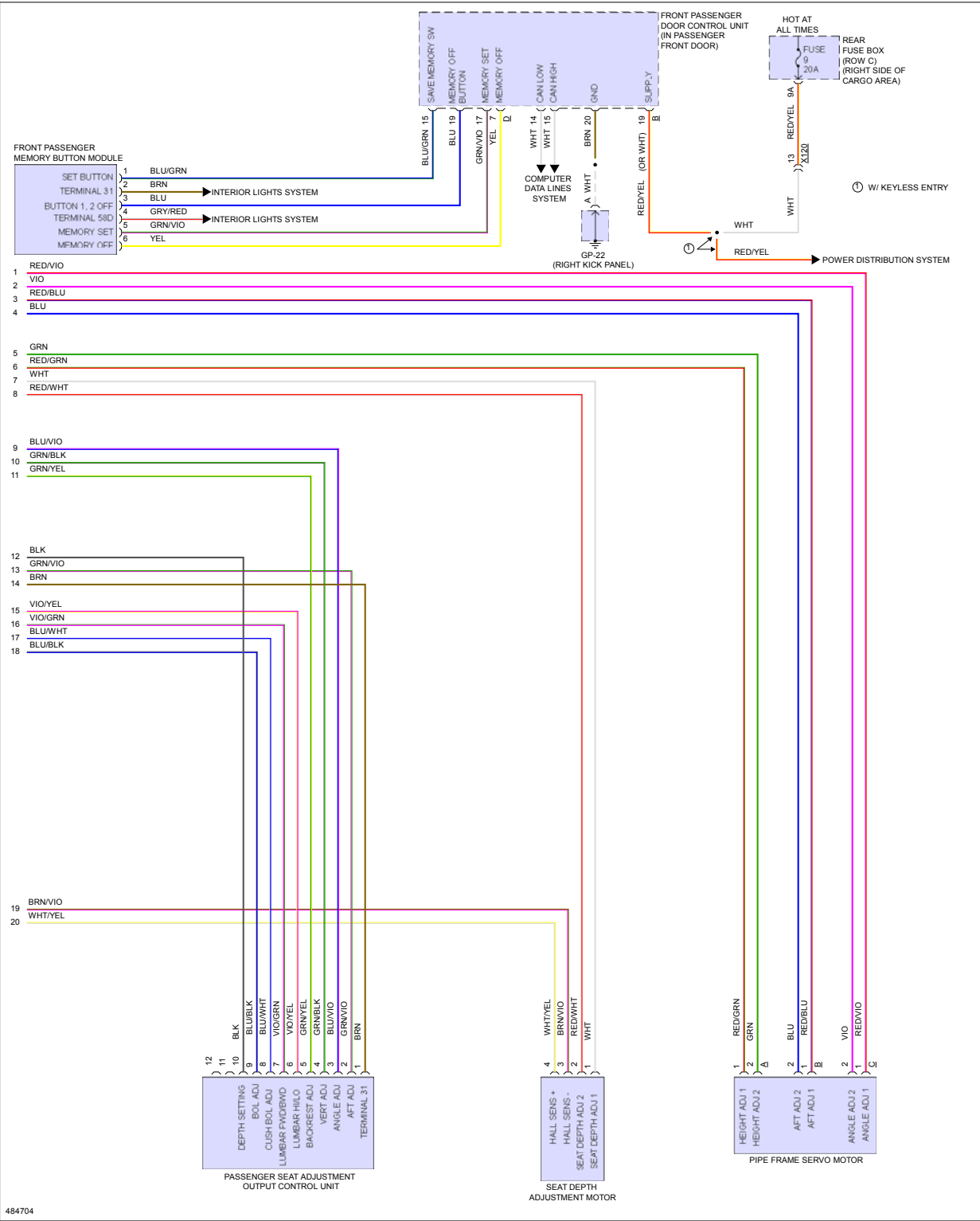
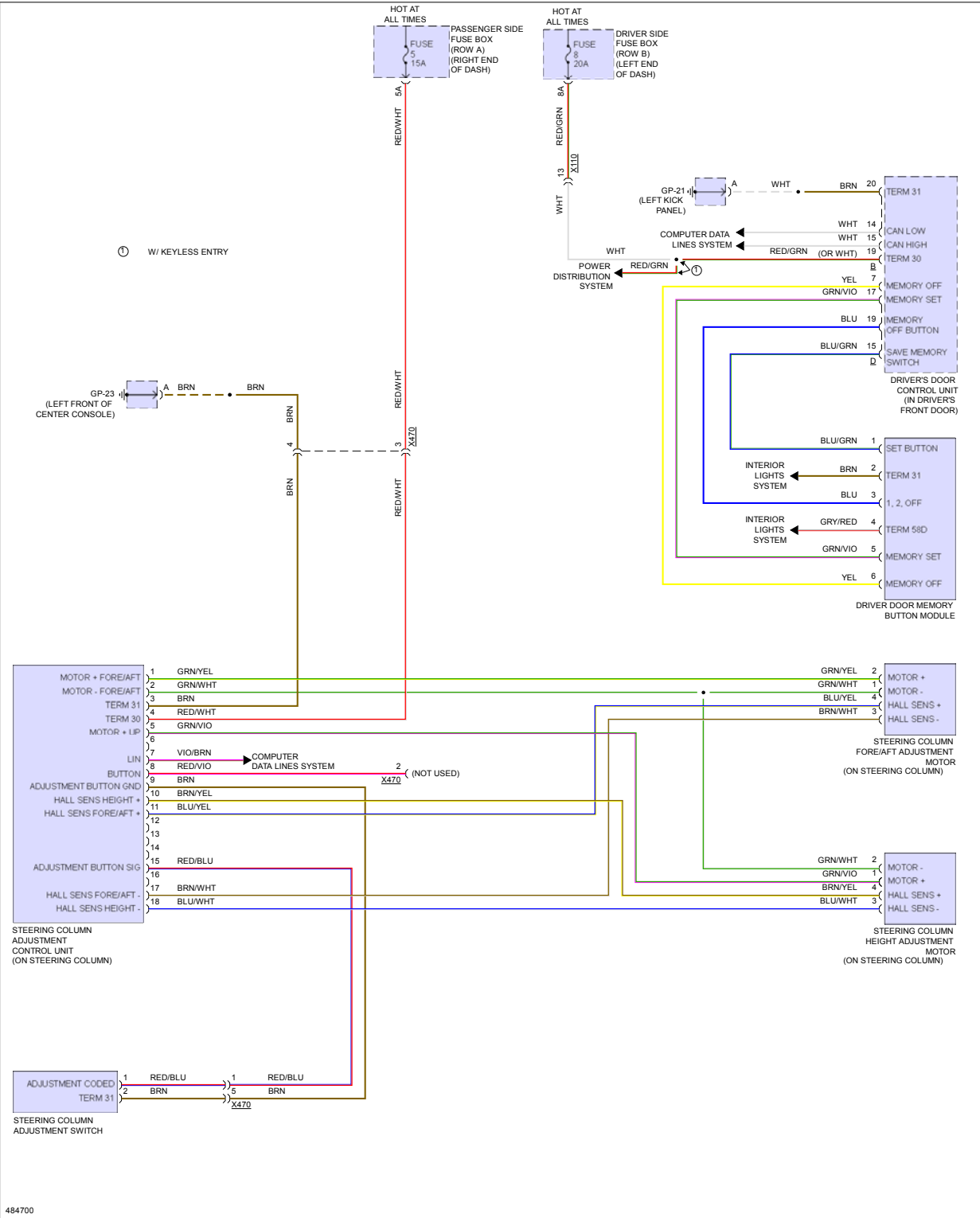


Fig 6: Steering Column Memory Circuit



NAVIGATION

Fig 1: Front Camera Circuit

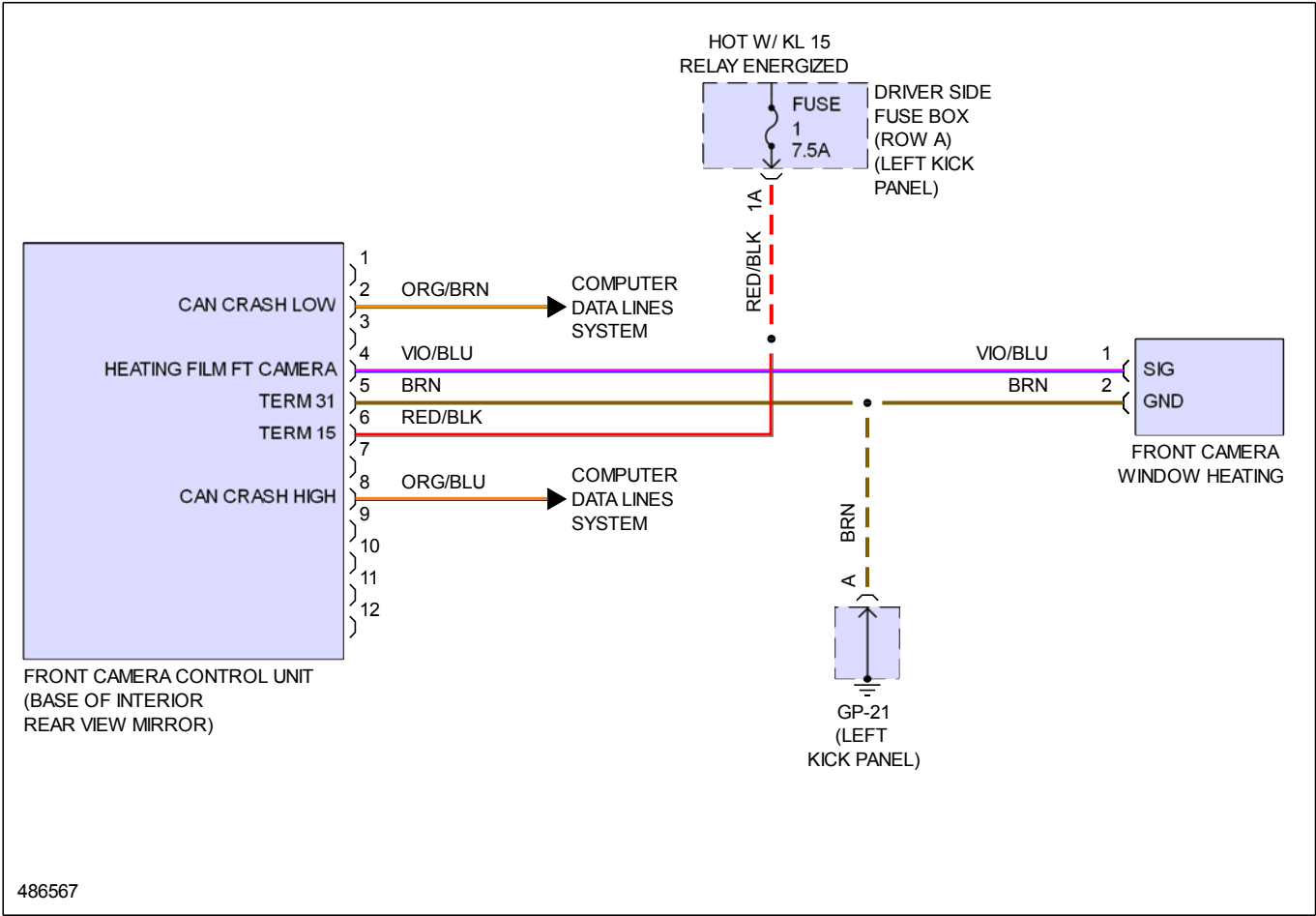


Fig 2: Lane Change Assistance Circuit



Fig 3: Navigation Circuit, W/ ASK (1 of 3)

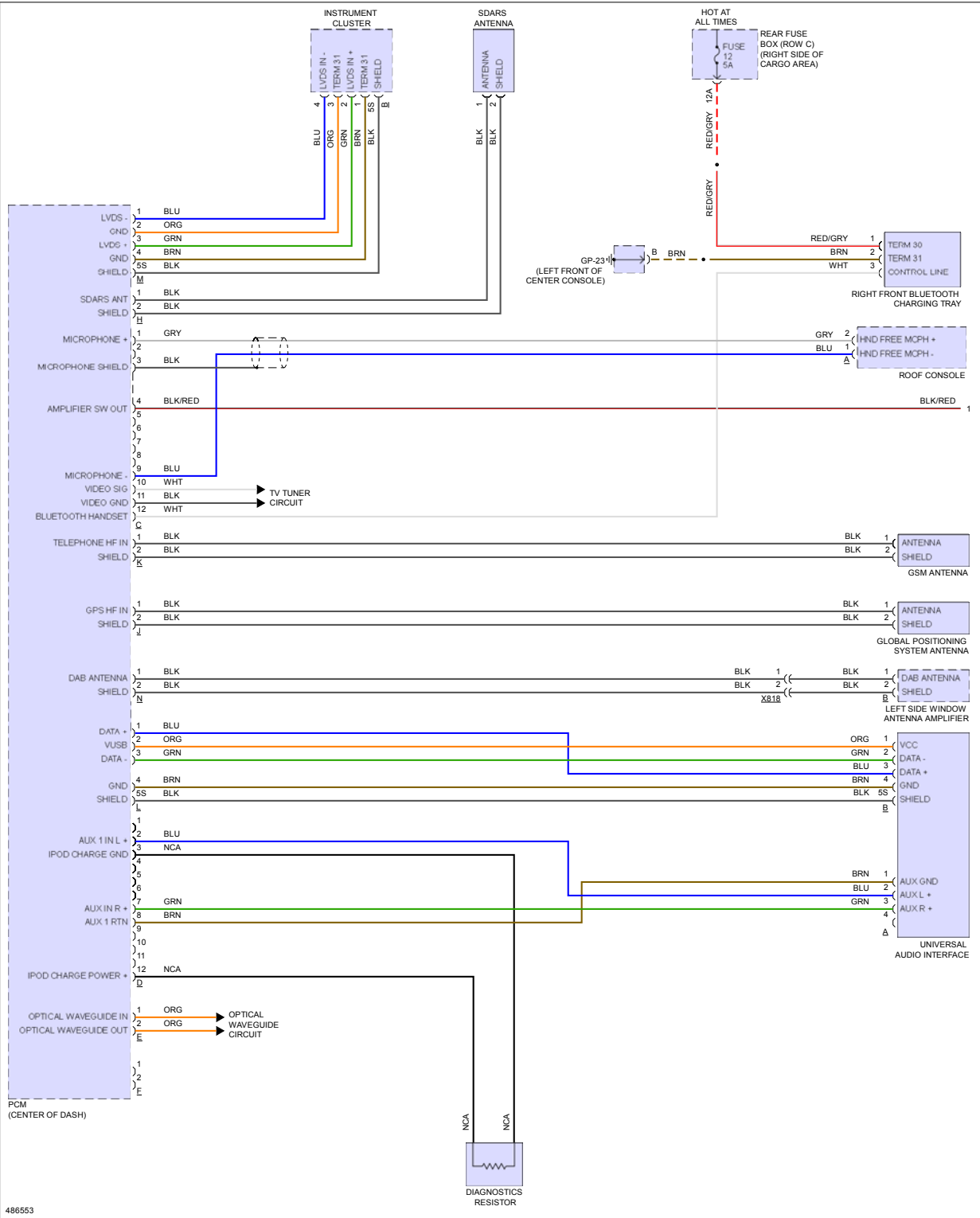


Fig 4: Navigation Circuit, W/ ASK (2 of 3)



Fig 5: Navigation Circuit, W/ ASK (3 of 3)

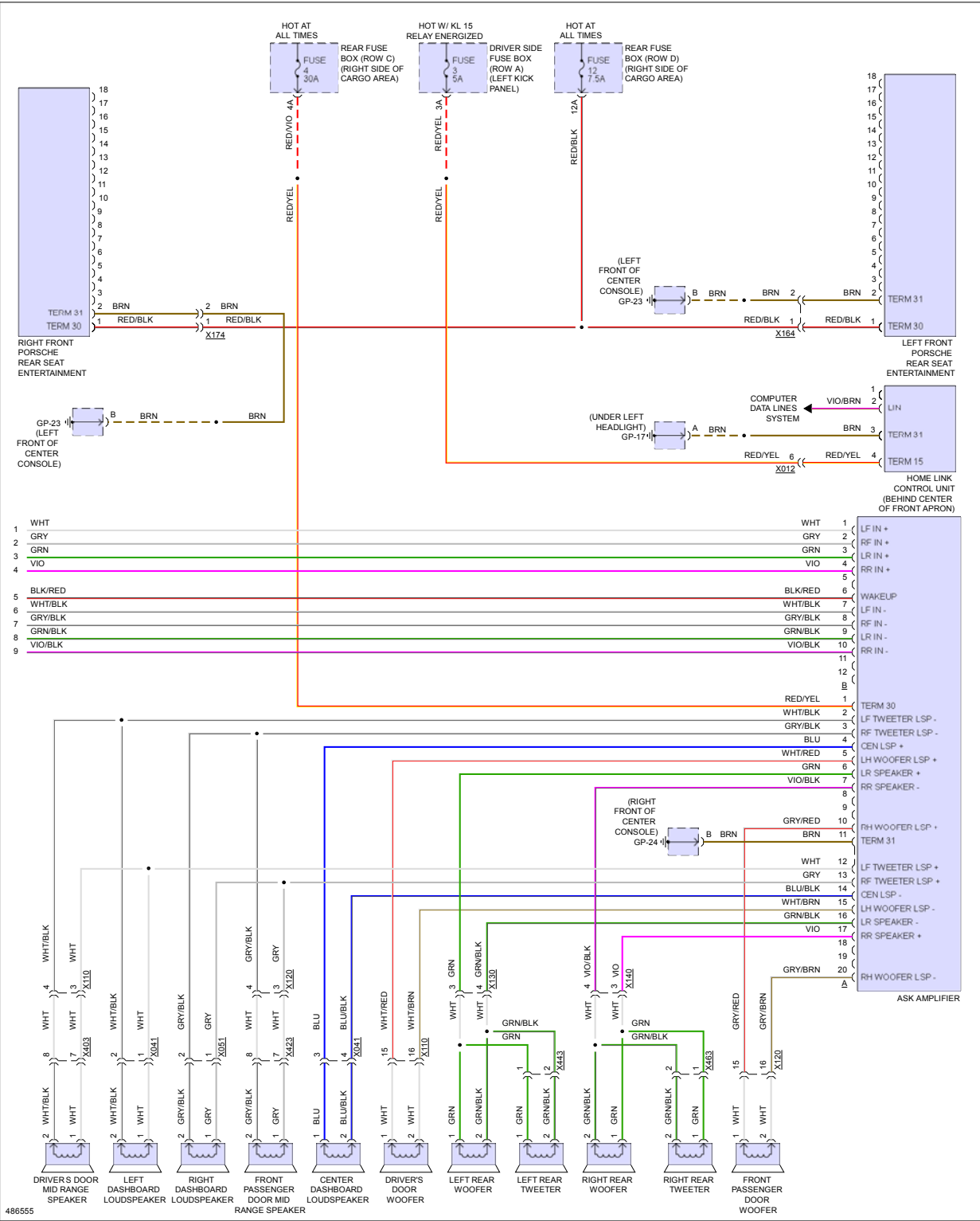


Fig 6: Navigation Circuit, W/ Bose (1 of 3)

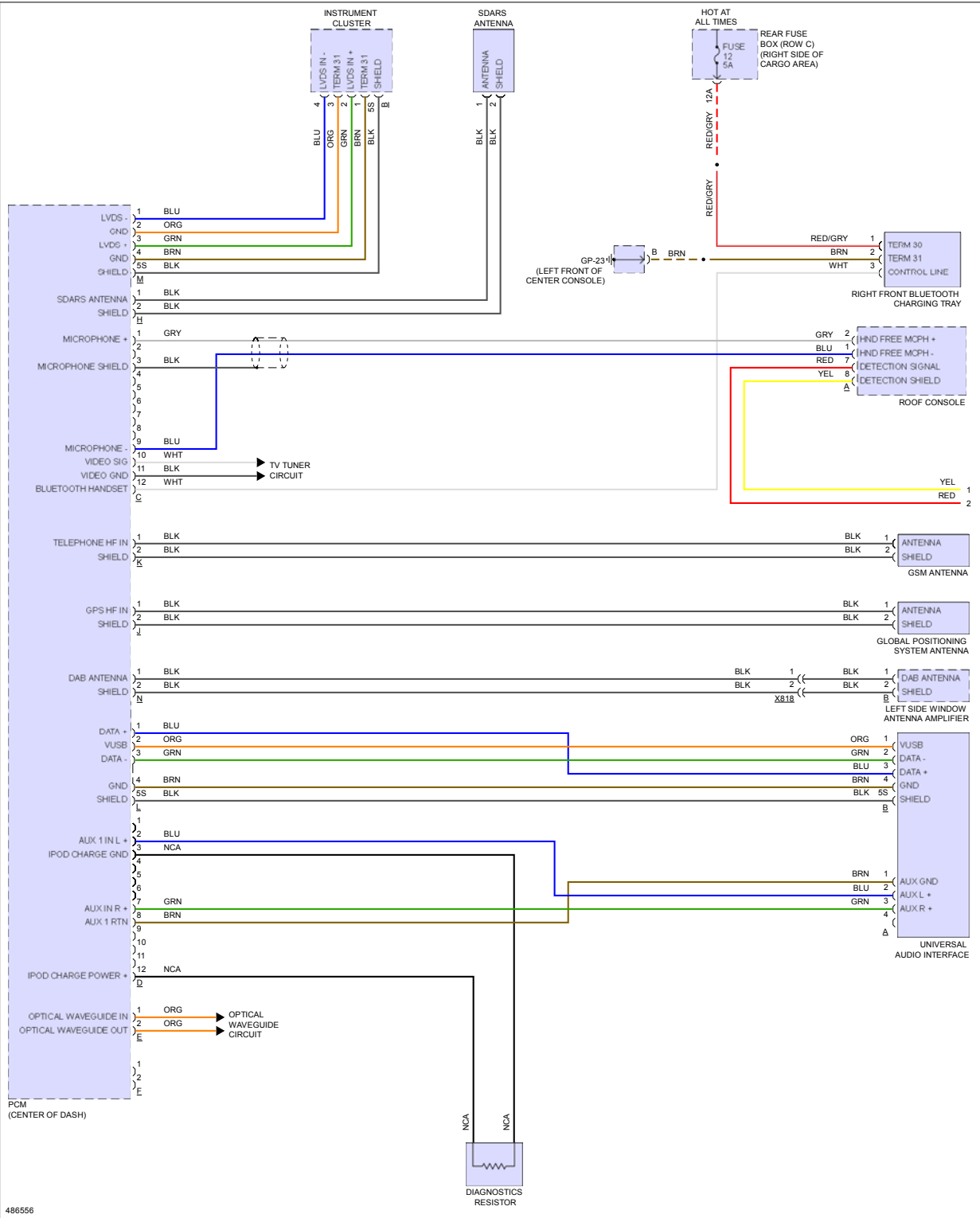


Fig 8: Navigation Circuit, W/ Bose (3 of 3)

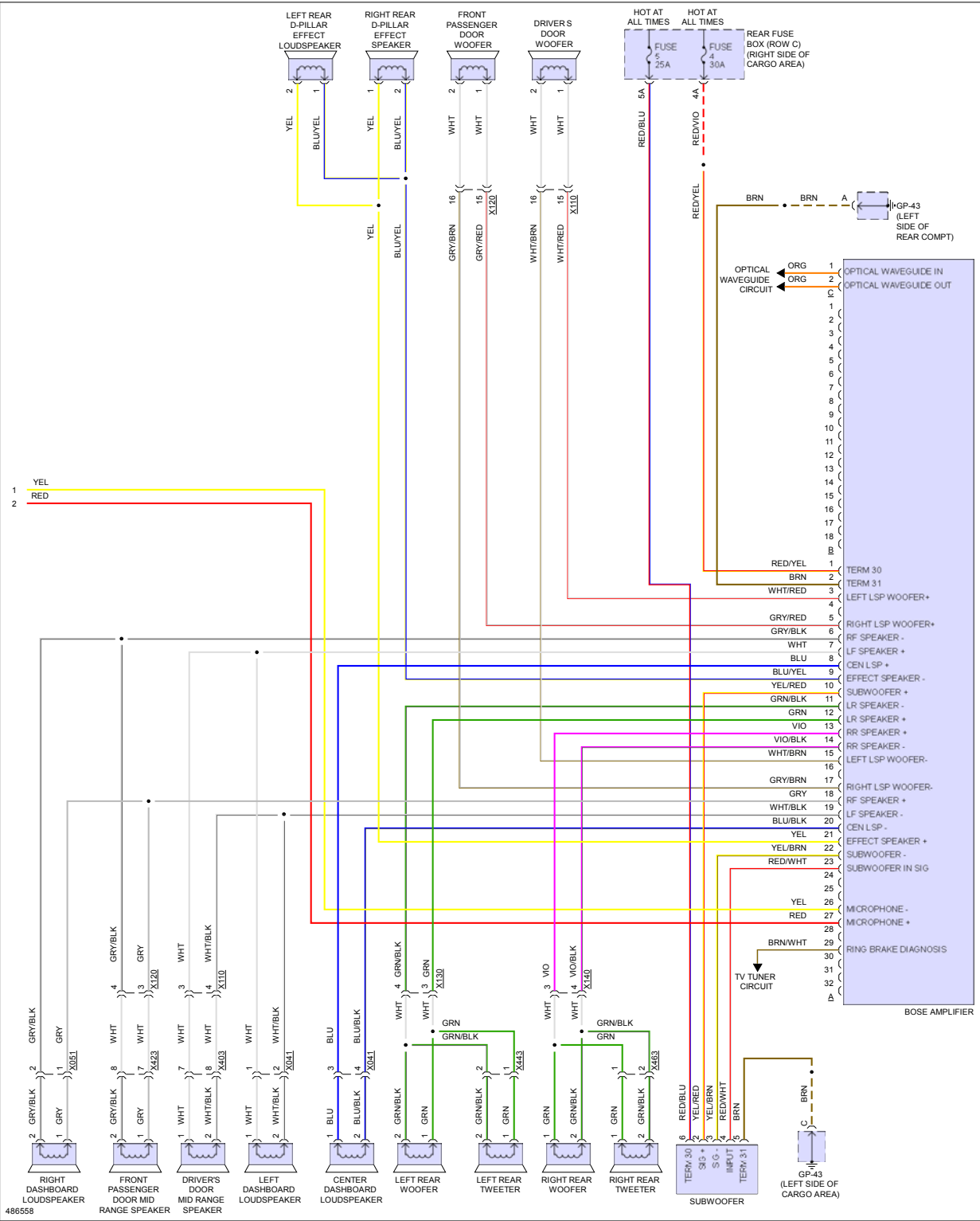


Fig 9: Navigation Circuit, W/ Burmester (1 of 4)

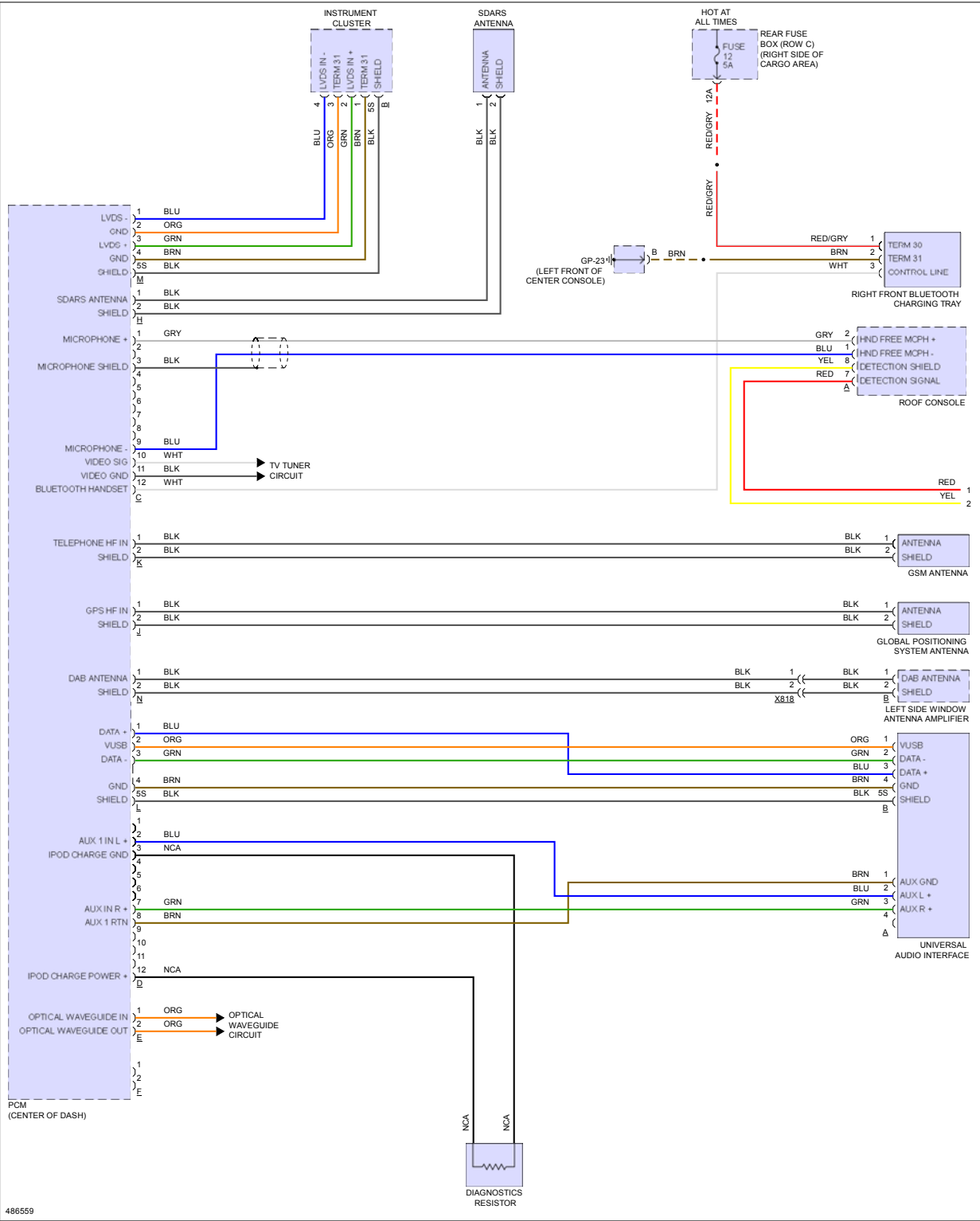


Fig 10: Navigation Circuit, W/ Burmester (2 of 4)

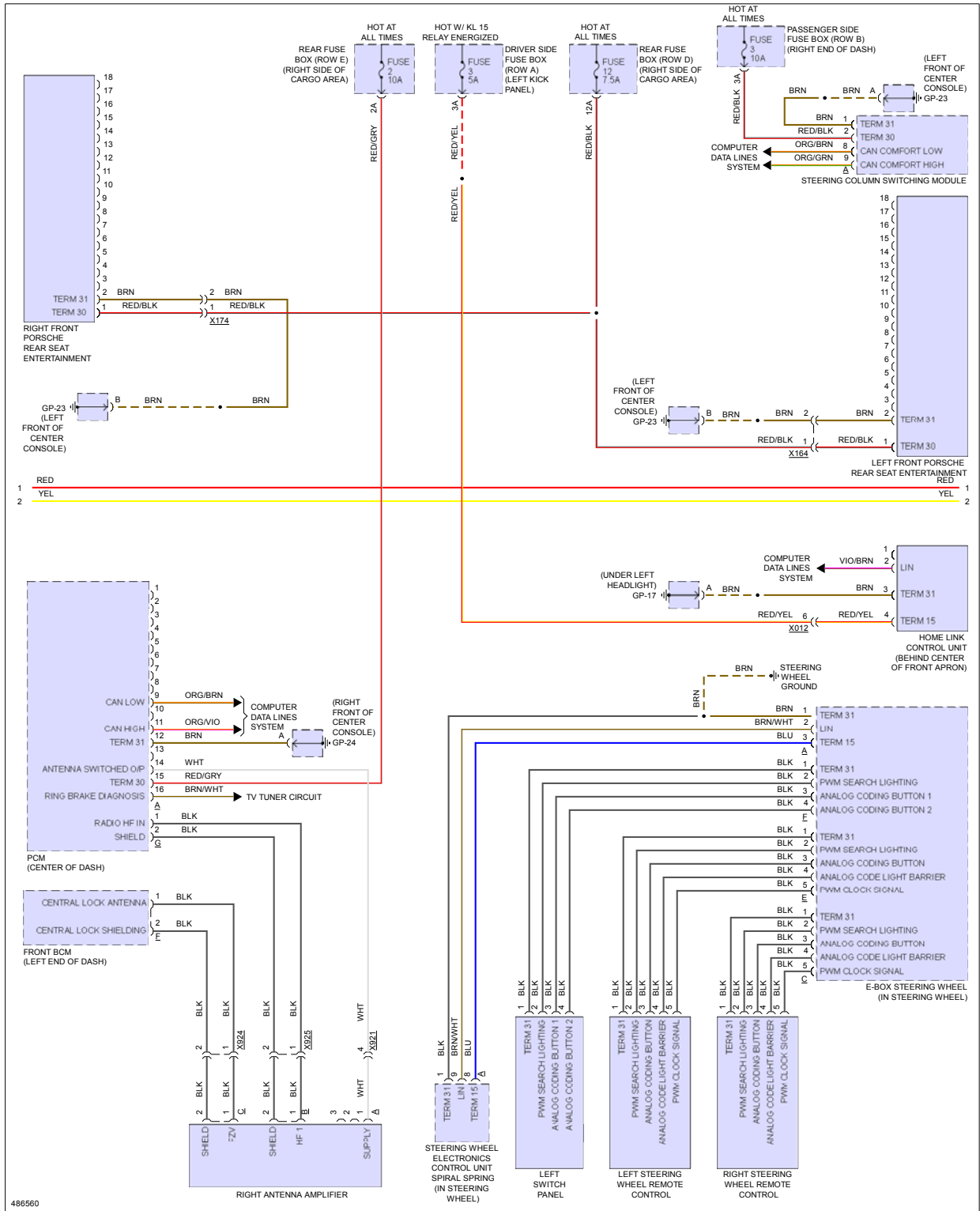
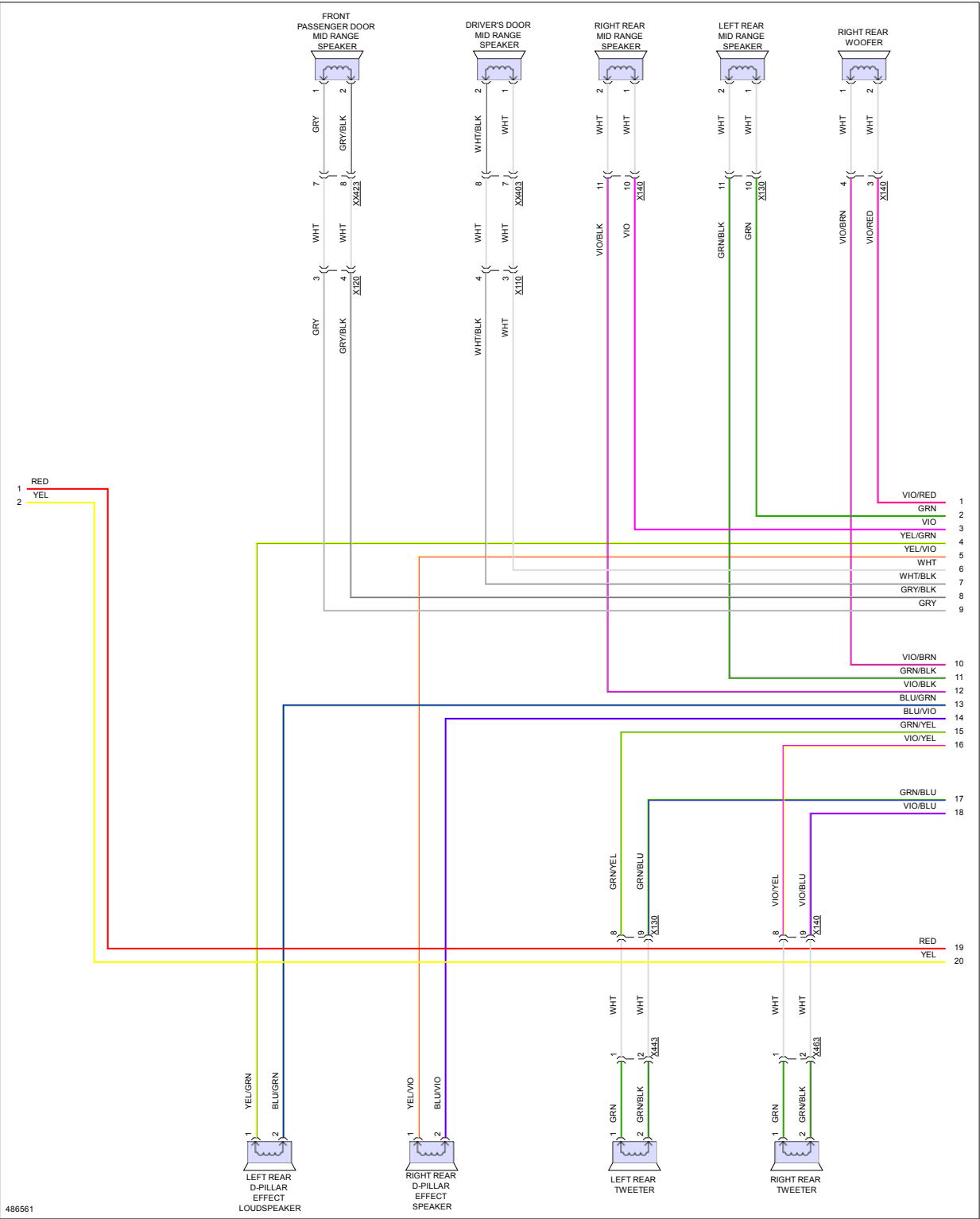


Fig 11: Navigation Circuit, W/ Burmester (3 of 4)



The diagram illustrates the wiring for a car stereo system, showing connections between various components and a Burmester amplifier.

Speakers and Their Connections:

- LEFT REAR WOOFER:**
 - Terminal 1: WHT
 - Terminal 2: WHT
 - Terminal 4: GRN/BRN
 - Terminal 3: GRN/RED
 - Terminal 10: VIO/RED
 - Terminal 11: GRN
 - Terminal 12: VIO
 - Terminal 13: YEL/GRN
 - Terminal 14: YEL/VIO
 - Terminal 15: WHT
 - Terminal 16: WHT/BLK
 - Terminal 17: GRN/BLK
 - Terminal 18: GRN
- FRONT PASSENGER DOOR WOOFER:**
 - Terminal 1: WHT
 - Terminal 2: WHT
 - Terminal 16: GRN/BRN
 - Terminal 15: GRN/RED
 - Terminal 10: VIO/RED
 - Terminal 11: GRN
 - Terminal 12: VIO
 - Terminal 13: YEL/GRN
 - Terminal 14: YEL/VIO
 - Terminal 15: WHT
 - Terminal 16: WHT/BLK
 - Terminal 17: GRN/BLK
 - Terminal 18: GRN
- DRIVER'S DOOR WOOFER:**
 - Terminal 1: WHT
 - Terminal 2: WHT
 - Terminal 16: WHT/BRN
 - Terminal 15: WHT/RED
 - Terminal 10: VIO/RED
 - Terminal 11: GRN
 - Terminal 12: VIO
 - Terminal 13: YEL/GRN
 - Terminal 14: YEL/VIO
 - Terminal 15: WHT
 - Terminal 16: WHT/BLK
 - Terminal 17: GRN/BLK
 - Terminal 18: GRN
- CENTER DASHBOARD LOUDSPEAKER:**
 - Terminal 1: BLU
 - Terminal 2: BLU/BLK
 - Terminal 3: BLU
 - Terminal 4: BLU/BLK
 - Terminal 10: VIO/RED
 - Terminal 11: GRN
 - Terminal 12: VIO
 - Terminal 13: YEL/GRN
 - Terminal 14: YEL/VIO
 - Terminal 15: WHT
 - Terminal 16: WHT/BLK
 - Terminal 17: GRN/BLK
 - Terminal 18: GRN
- LEFT DASHBOARD SPEAKER:**
 - Terminal 1: WHT
 - Terminal 2: WHT/BLK
 - Terminal 1: WHT/YEL
 - Terminal 2: WHT/BLU
 - Terminal 10: VIO/RED
 - Terminal 11: GRN
 - Terminal 12: VIO
 - Terminal 13: YEL/GRN
 - Terminal 14: YEL/VIO
 - Terminal 15: WHT
 - Terminal 16: WHT/BLK
 - Terminal 17: GRN/BLK
 - Terminal 18: GRN
- RIGHT DASHBOARD SPEAKER:**
 - Terminal 1: GRN
 - Terminal 2: GRN/BLK
 - Terminal 1: GRN/YEL
 - Terminal 2: GRN/BLU
 - Terminal 10: VIO/RED
 - Terminal 11: GRN
 - Terminal 12: VIO
 - Terminal 13: YEL/GRN
 - Terminal 14: YEL/VIO
 - Terminal 15: WHT
 - Terminal 16: WHT/BLK
 - Terminal 17: GRN/BLK
 - Terminal 18: GRN
- SUBWOOFER:**
 - Terminal 1: RED/BLU
 - Terminal 4: RED/YEL
 - Terminal 5: BRN/YEL
 - Terminal 6: RED/WHT
 - Terminal 3: BRN
 - Terminal 10: VIO/RED
 - Terminal 11: GRN
 - Terminal 12: VIO
 - Terminal 13: YEL/GRN
 - Terminal 14: YEL/VIO
 - Terminal 15: WHT
 - Terminal 16: WHT/BLK
 - Terminal 17: GRN/BLK
 - Terminal 18: GRN
- REAR FUSE BOX (ROW C) (RIGHT SIDE OF CARGO AREA):**
 - FUSE 5 (25A): RED/BLU
 - FUSE 4 (30A): RED/VIO
- REAR FUSE BOX (ROW C) (LEFT SIDE OF CARGO AREA):**
 - FUSE 4 (30A): RED/VIO
- GP-43 (LEFT SIDE OF REAR COMPT):**
 - Terminal 1: BRN
 - Terminal 2: BRN
 - Terminal 3: WHT/RED
 - Terminal 4: GRN/RED
 - Terminal 5: GRN/RED
 - Terminal 6: VIO/RED
 - Terminal 7: GRN
 - Terminal 8: VIO
 - Terminal 9: YEL/GRN
 - Terminal 10: YEL/VIO
 - Terminal 11: WHT
 - Terminal 12: WHT/BLK
 - Terminal 13: GRN/BLK
 - Terminal 14: GRN
 - Terminal 15: WHT/BRN
 - Terminal 16: GRN/BRN
 - Terminal 17: GRN/BRN
 - Terminal 18: VIO/BRN
 - Terminal 19: GRN/BLK
 - Terminal 20: VIO/BLK
 - Terminal 21: BLU/GRN
 - Terminal 22: BLU/VIO
 - Terminal 23: GRN/YEL
 - Terminal 24: VIO/YEL
 - Terminal 25: BLU
 - Terminal 26: WHT/YEL
 - Terminal 27: GRN/YEL
 - Terminal 28: GRN/BLU
 - Terminal 29: VIO/BLU
 - Terminal 30: BLU/BLK
 - Terminal 31: WHT/BLU
 - Terminal 32: GRN/BLU
- BURMESTER AMPLIFIER:**
 - Terminal 1: RED/YEL
 - Terminal 2: BRN/YEL
 - Terminal 3: RED
 - Terminal 4: YEL
 - Terminal 5: BRN/WHT
 - Terminal 6: RED/WHT
 - Terminal 7: BRN
 - Terminal 8: BRN
 - Terminal 9: BRN
 - Terminal 10: BRN
 - Terminal 11: BRN
 - Terminal 12: BRN
- Optical Waveguide:**
 - Terminal 1: ORG
 - Terminal 2: ORG
 - Terminal 3: ORG
 - Terminal 4: ORG
 - Terminal 5: ORG
 - Terminal 6: ORG
 - Terminal 7: ORG
 - Terminal 8: ORG
 - Terminal 9: ORG
 - Terminal 10: ORG
 - Terminal 11: ORG
 - Terminal 12: ORG
- TV TUNER CIRCUIT:**
 - Terminal 1: RED/YEL
 - Terminal 2: BRN/YEL
 - Terminal 3: RED
 - Terminal 4: YEL
 - Terminal 5: BRN/WHT
 - Terminal 6: RED/WHT
 - Terminal 7: BRN
 - Terminal 8: BRN
 - Terminal 9: BRN
 - Terminal 10: BRN
 - Terminal 11: BRN
 - Terminal 12: BRN
- GP-43 (RIGHT SIDE OF REAR COMPT):**
 - Terminal 1: BRN
 - Terminal 2: BRN
 - Terminal 3: WHT/RED
 - Terminal 4: GRN/RED
 - Terminal 5: GRN/RED
 - Terminal 6: VIO/RED
 - Terminal 7: GRN
 - Terminal 8: VIO
 - Terminal 9: YEL/GRN
 - Terminal 10: YEL/VIO
 - Terminal 11: WHT
 - Terminal 12: WHT/BLK
 - Terminal 13: GRN/BLK
 - Terminal 14: GRN
 - Terminal 15: WHT/BRN
 - Terminal 16: GRN/BRN
 - Terminal 17: GRN/BRN
 - Terminal 18: VIO/BRN
 - Terminal 19: GRN/BLK
 - Terminal 20: VIO/BLK
 - Terminal 21: BLU/GRN
 - Terminal 22: BLU/VIO
 - Terminal 23: GRN/YEL
 - Terminal 24: VIO/YEL
 - Terminal 25: BLU
 - Terminal 26: WHT/YEL
 - Terminal 27: GRN/YEL
 - Terminal 28: GRN/BLU
 - Terminal 29: VIO/BLU
 - Terminal 30: BLU/BLK
 - Terminal 31: WHT/BLU
 - Terminal 32: GRN/BLU

[illegible]

Fig 14: Real Top view Circuit

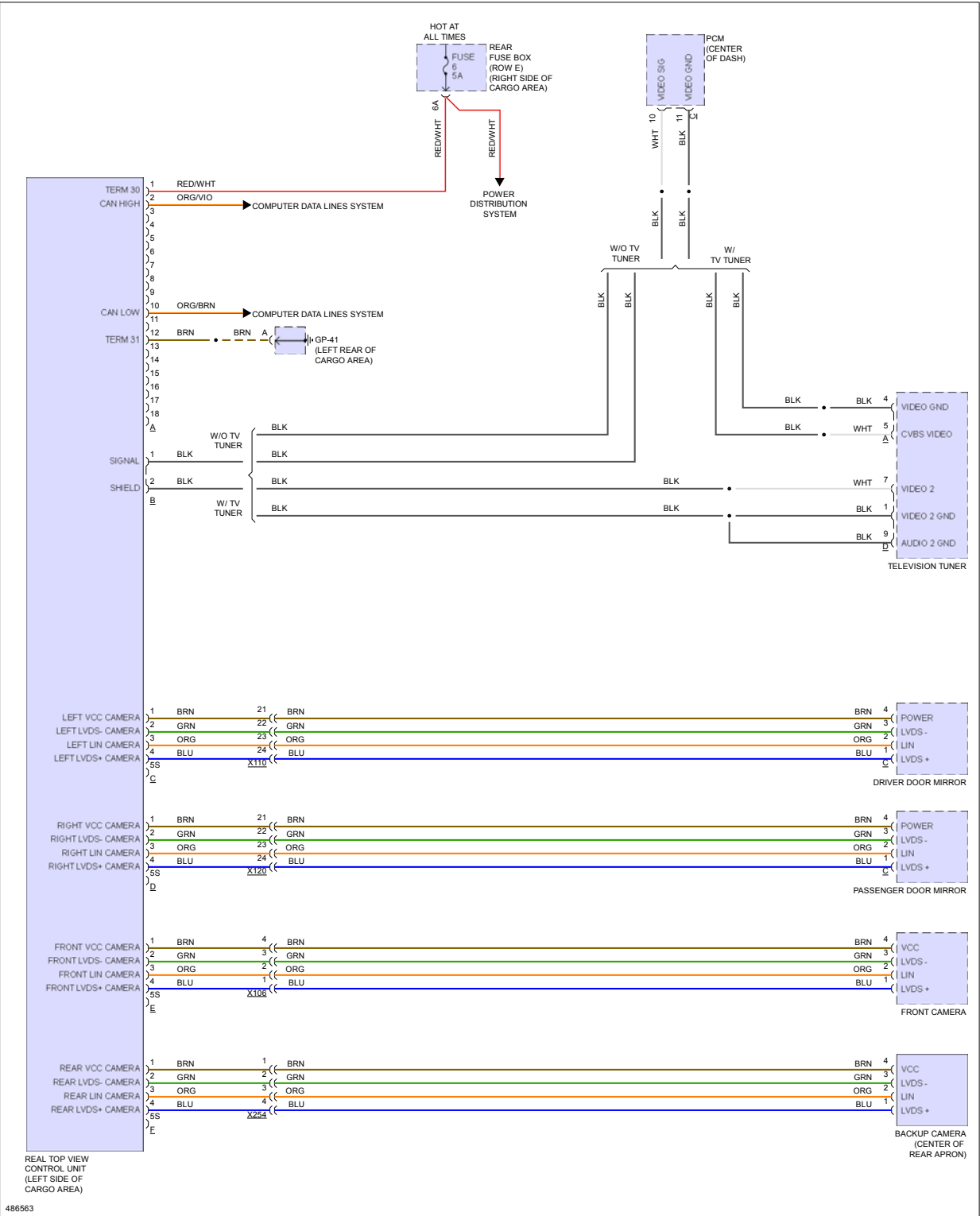
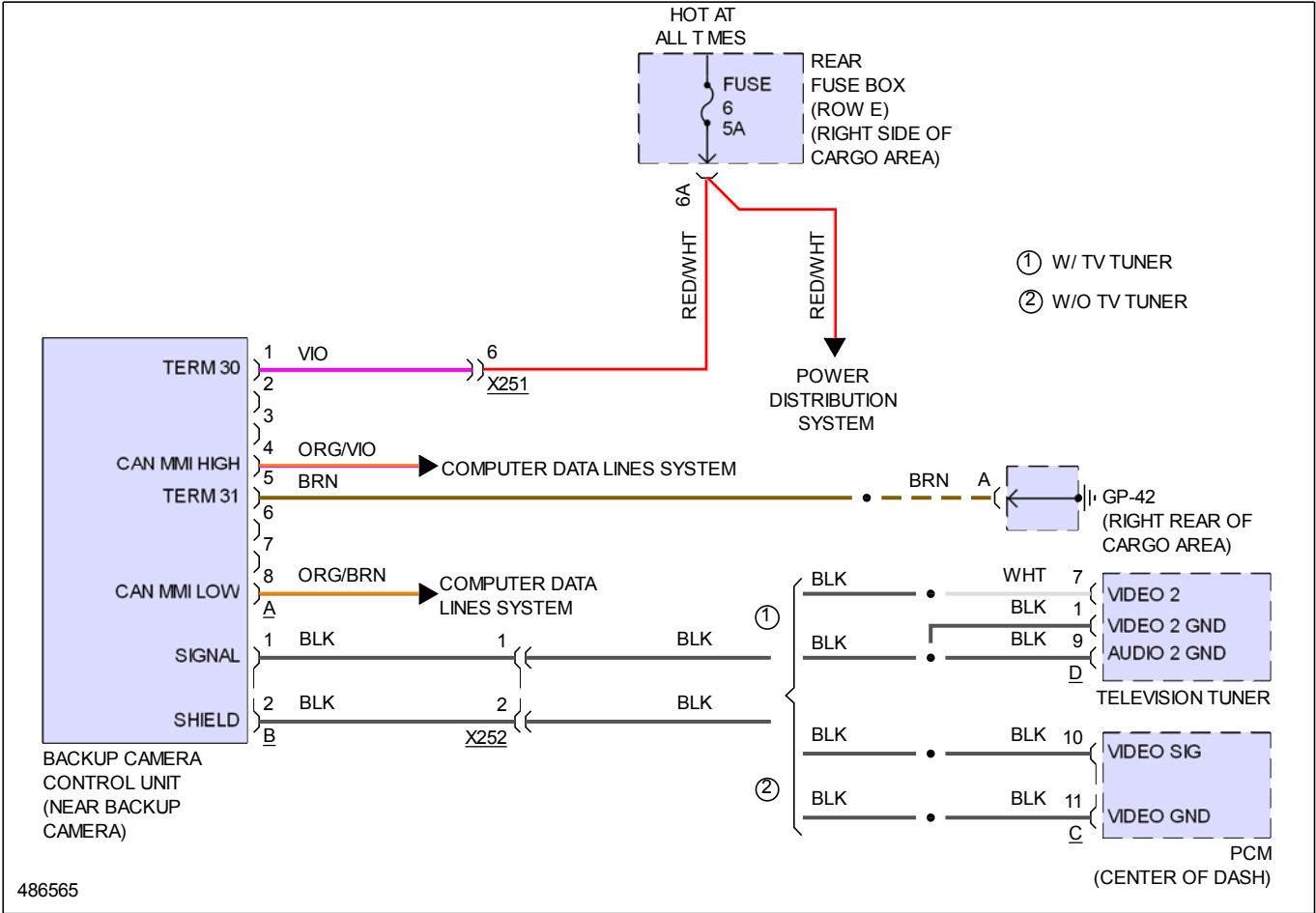


Fig 15: Rear Camera Circuit



POWER DISTRIBUTION

Fig 1: Power Distribution Circuit (1 of 6)

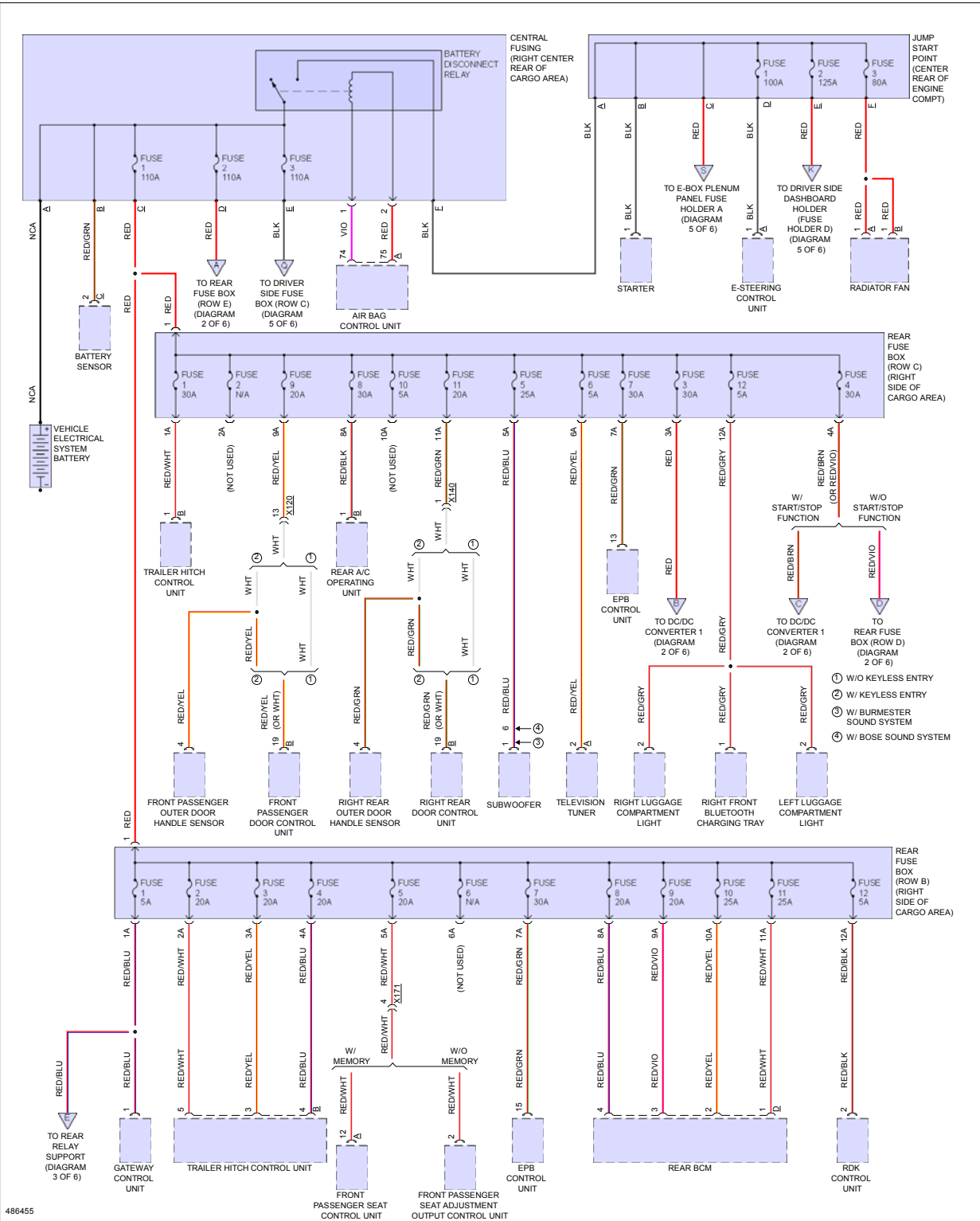


Fig 2: Power Distribution Circuit (2 of 6)

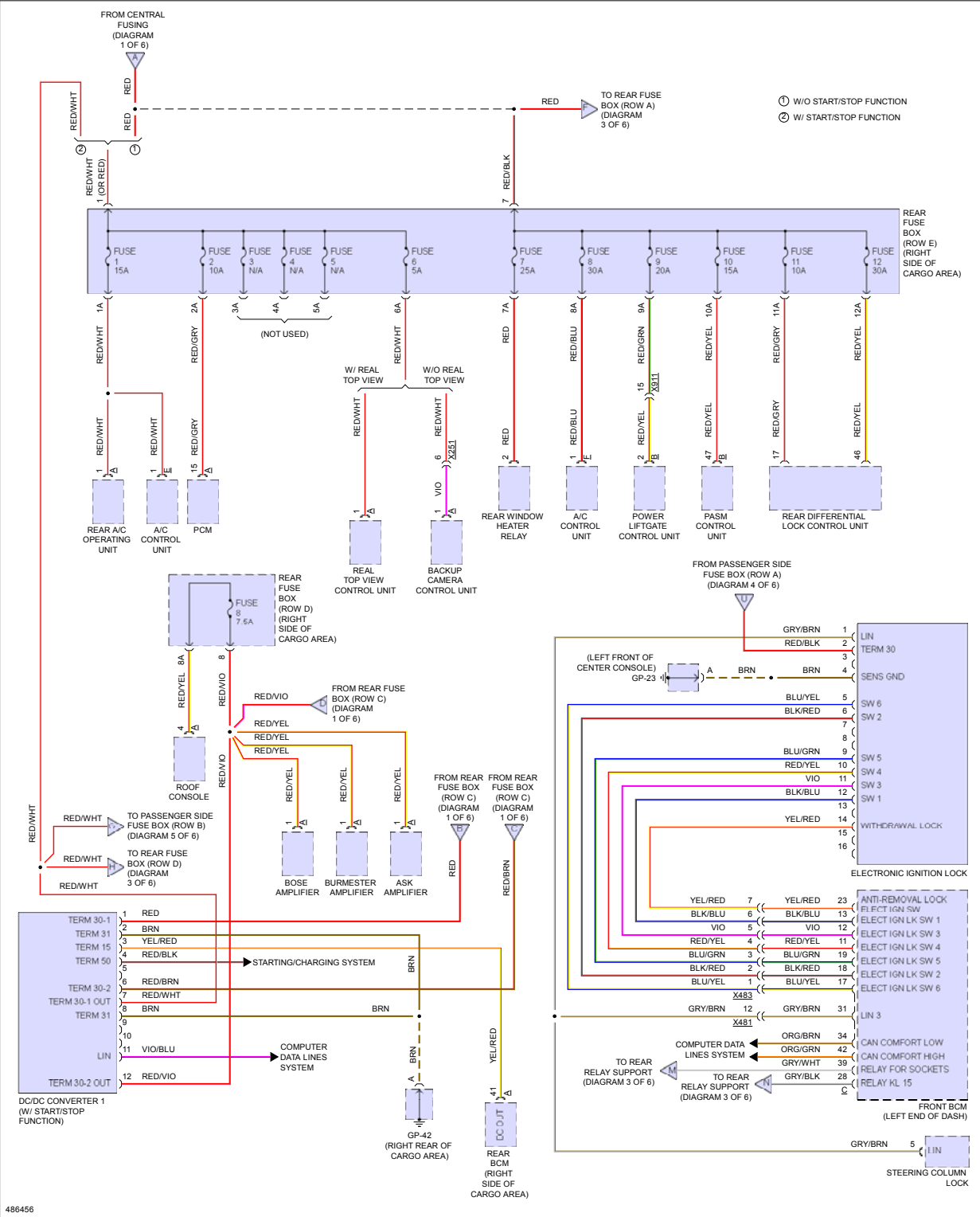


Fig 3: Power Distribution Circuit (3 of 6)

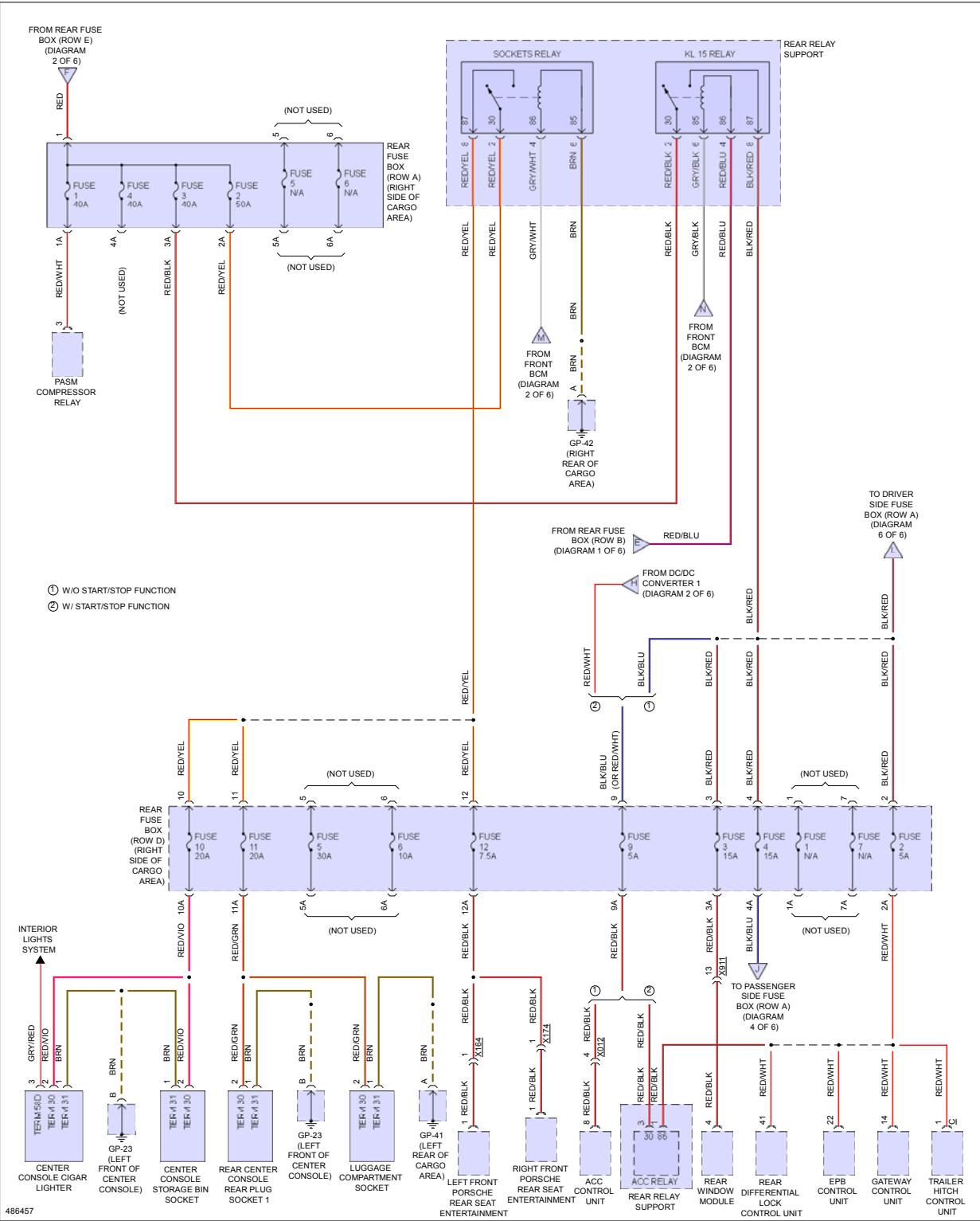


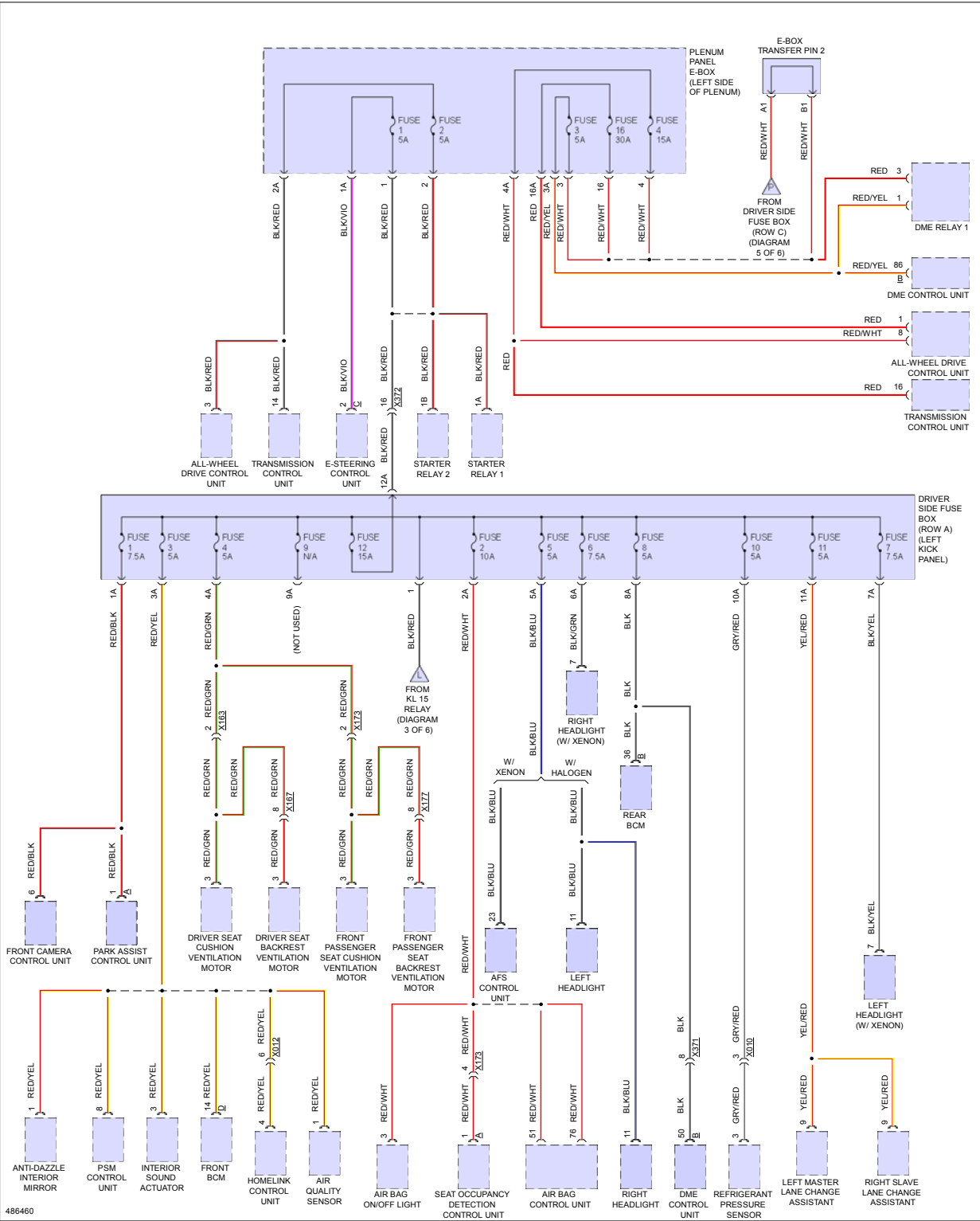
Fig 4: Power Distribution Circuit (4 of 6)



Fig 5: Power Distribution Circuit (5 of 6)



Fig 6: Power Distribution Circuit (6 of 6)



POWER DOOR LOCKS

Fig 1: Power Door Locks Circuit (1 of 4)

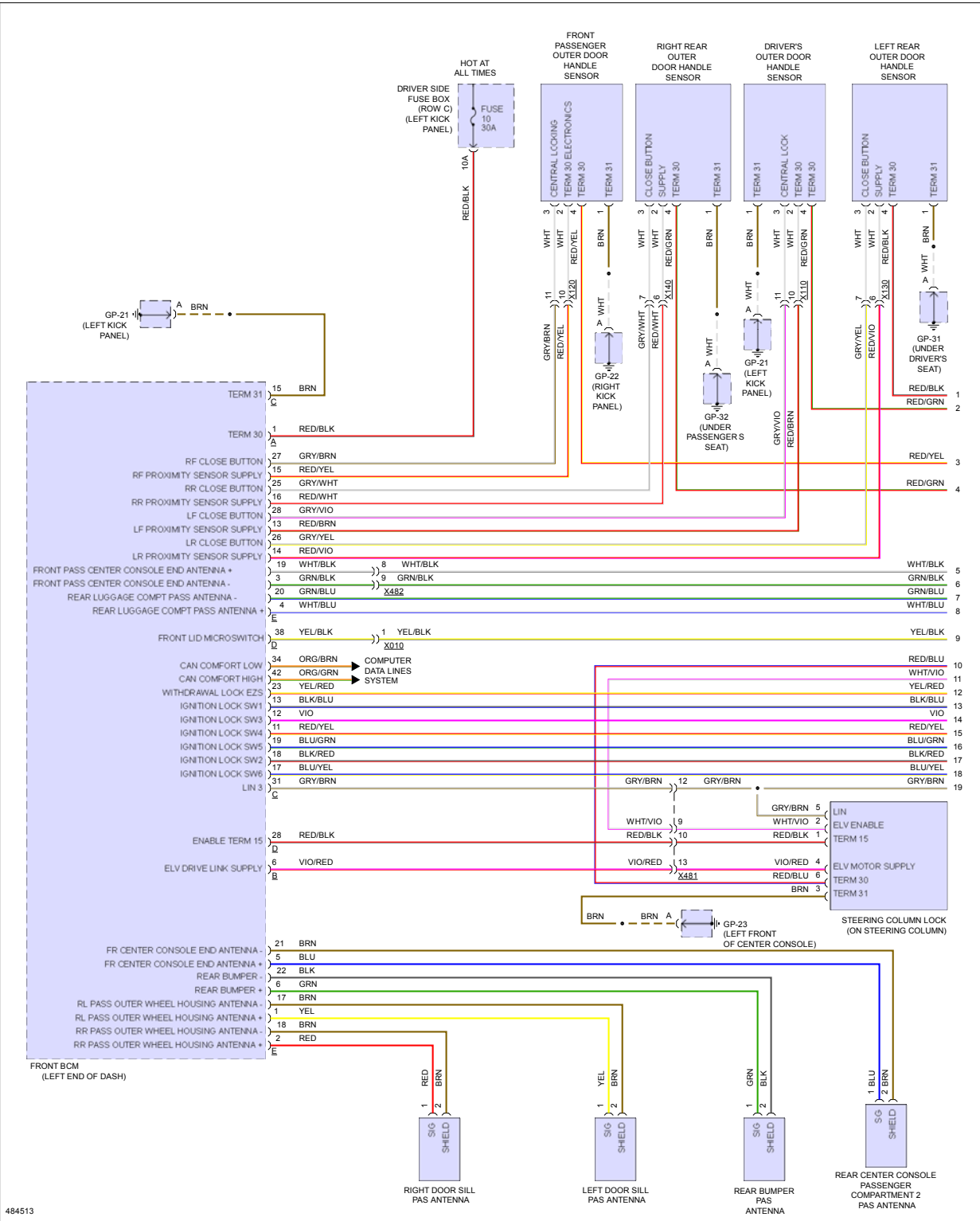


Fig 2: Power Door Locks Circuit (2 of 4)

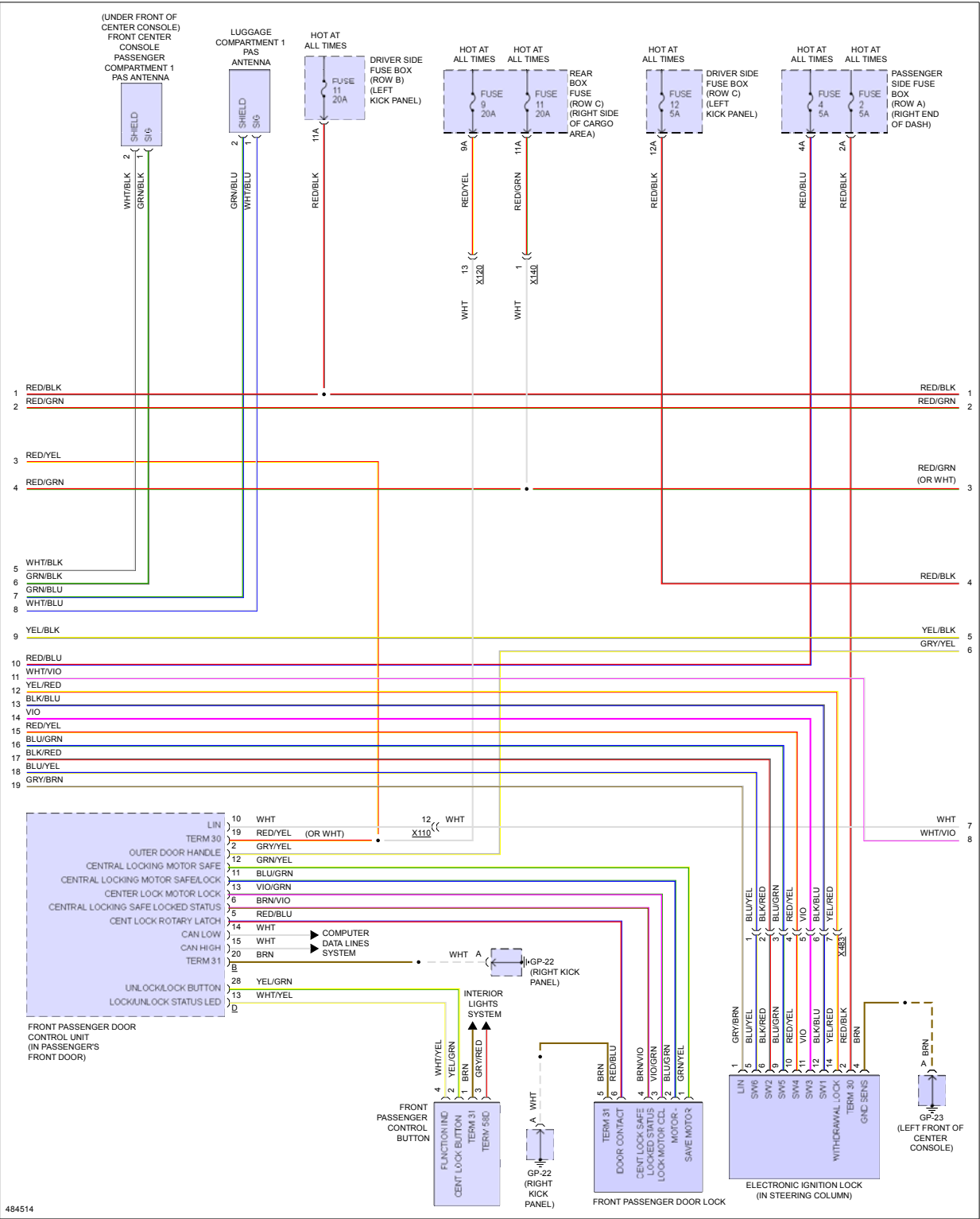


Fig 3: Power Door Locks Circuit (3 of 4)

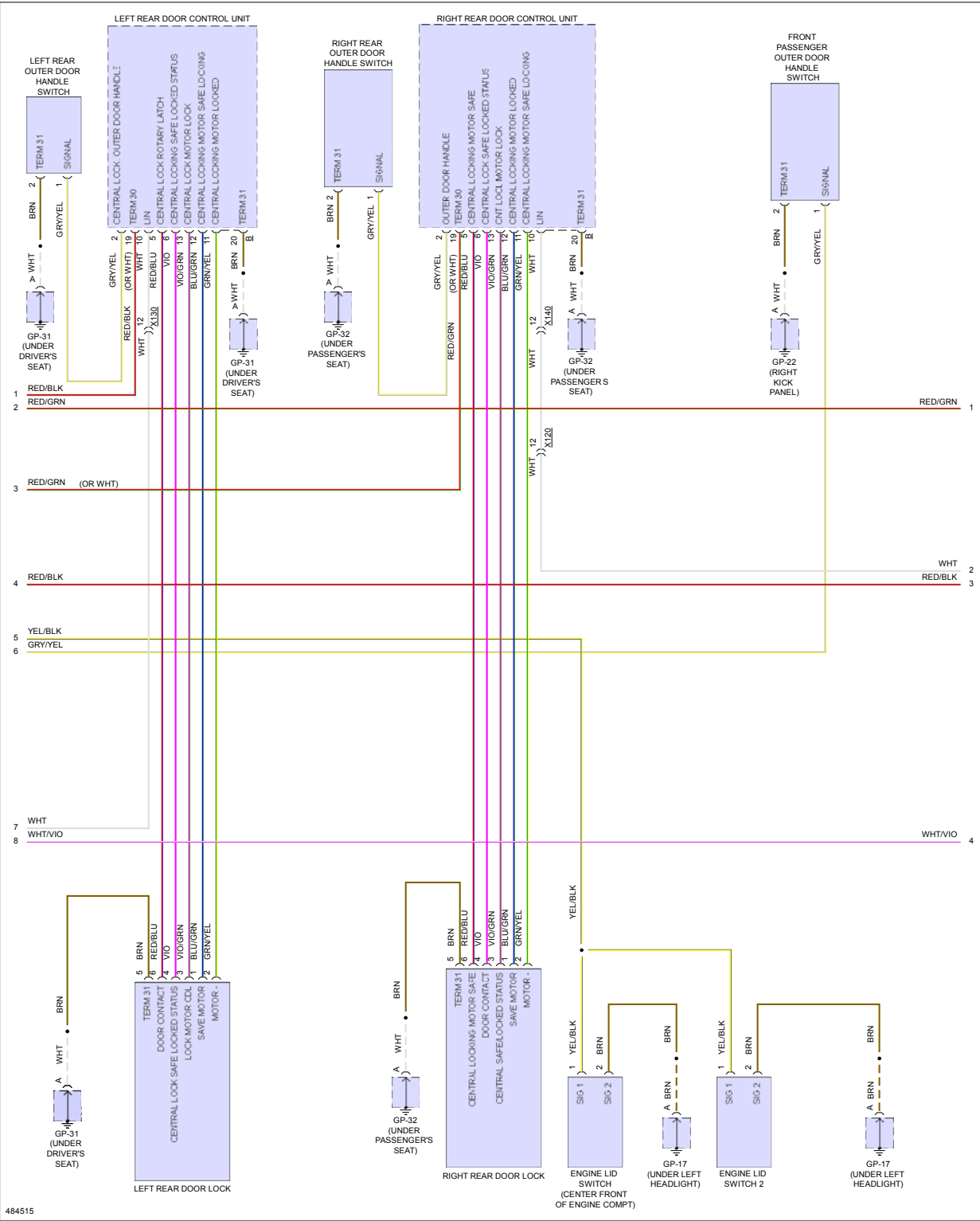
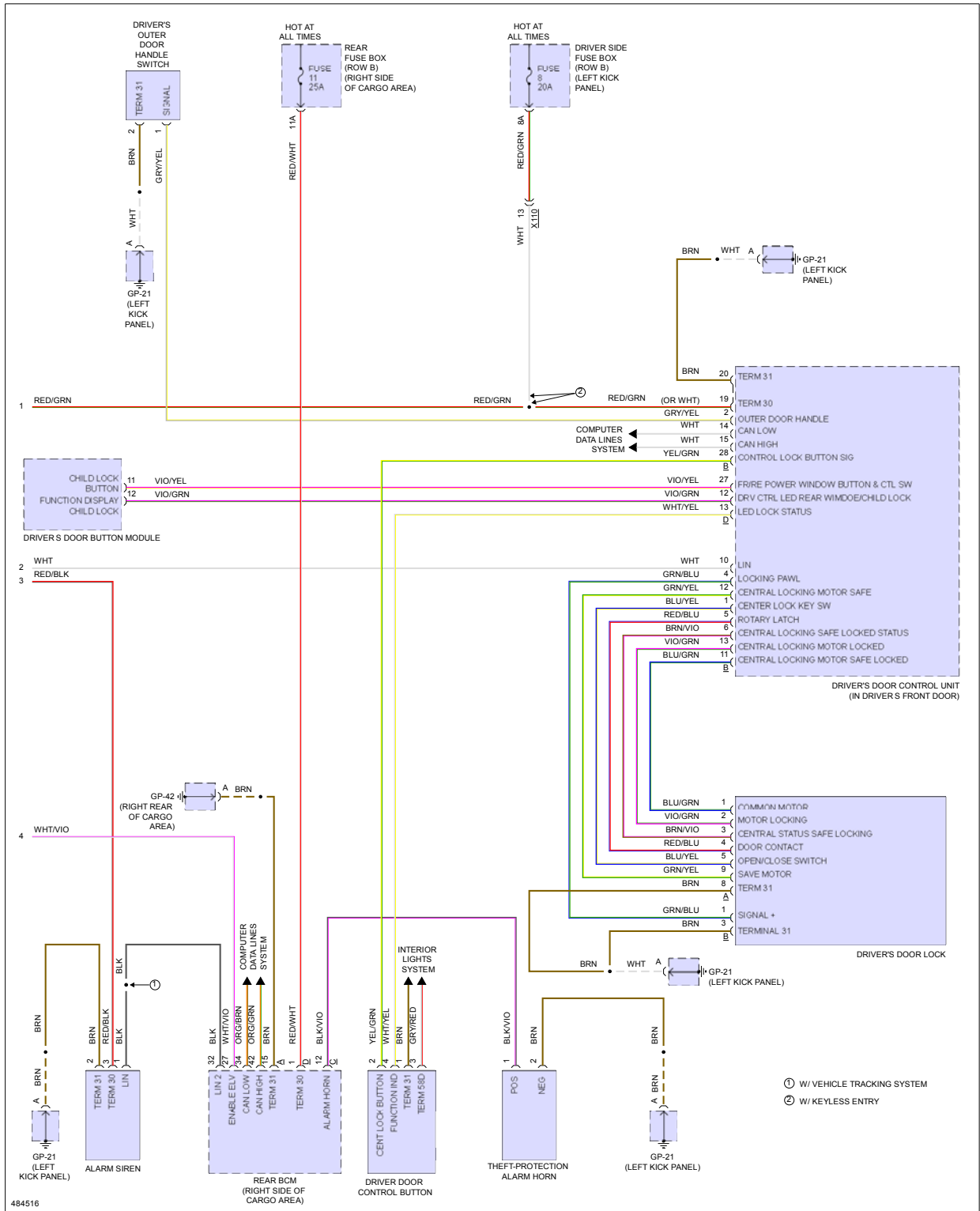


Fig 4: Power Door Locks Circuit (4 of 4)



POWER MIRRORS

Fig 1: Auto Anti-dazzling Mirror Circuit

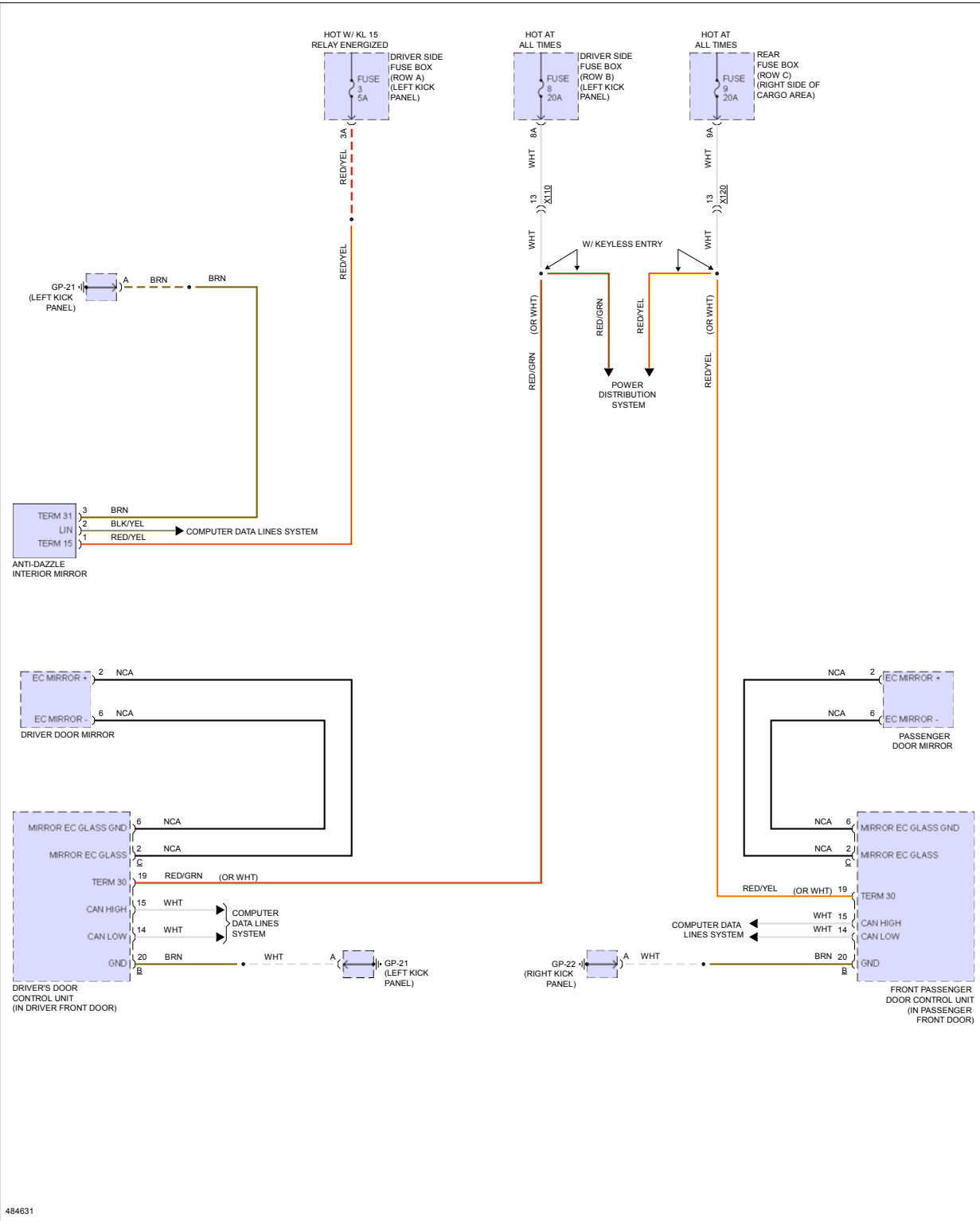


Fig 2: Power Mirrors Circuit

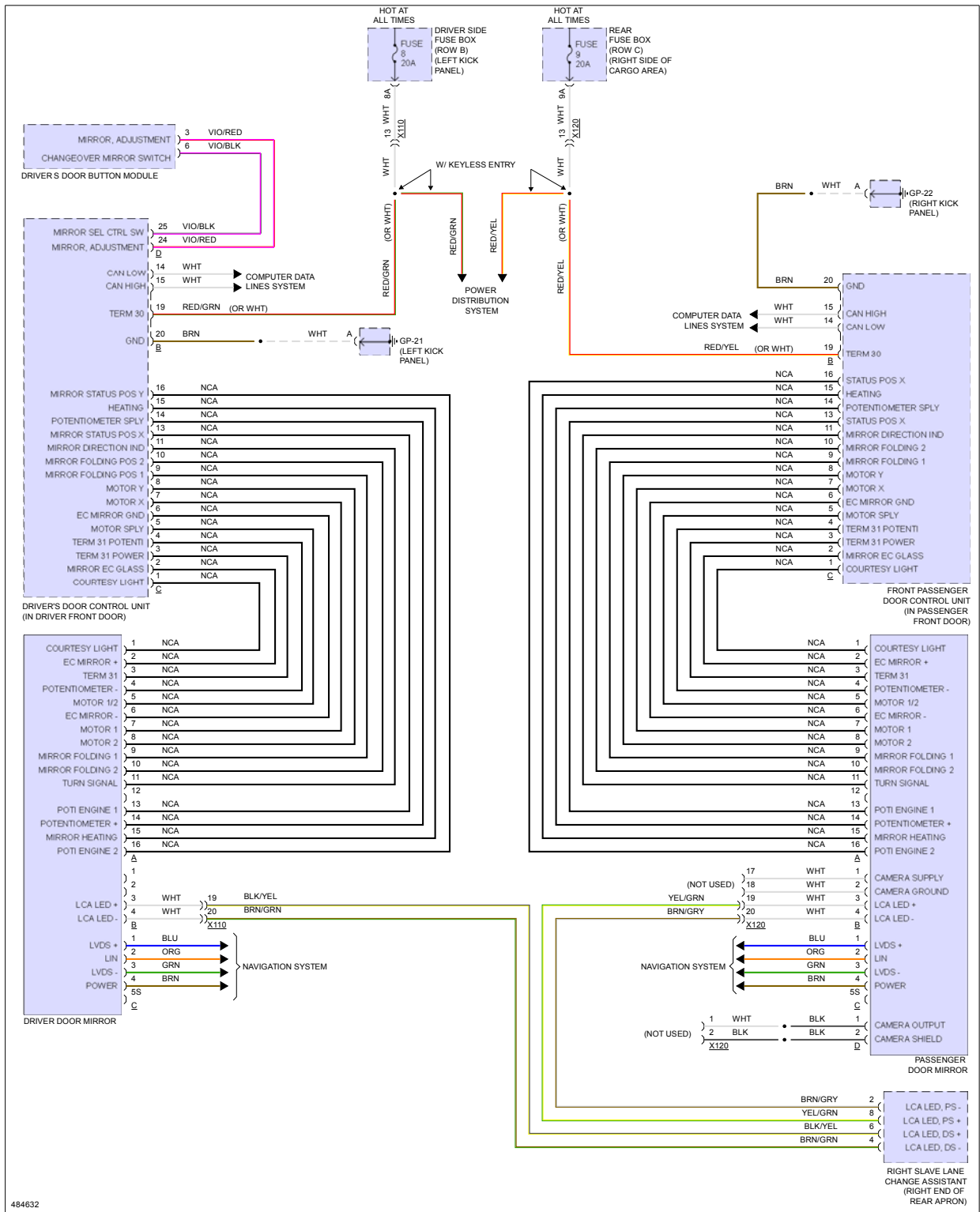


Fig 1: Driver Power Seat Circuit



[illegible]

Fig 3: Heated Steering Wheel Circuit

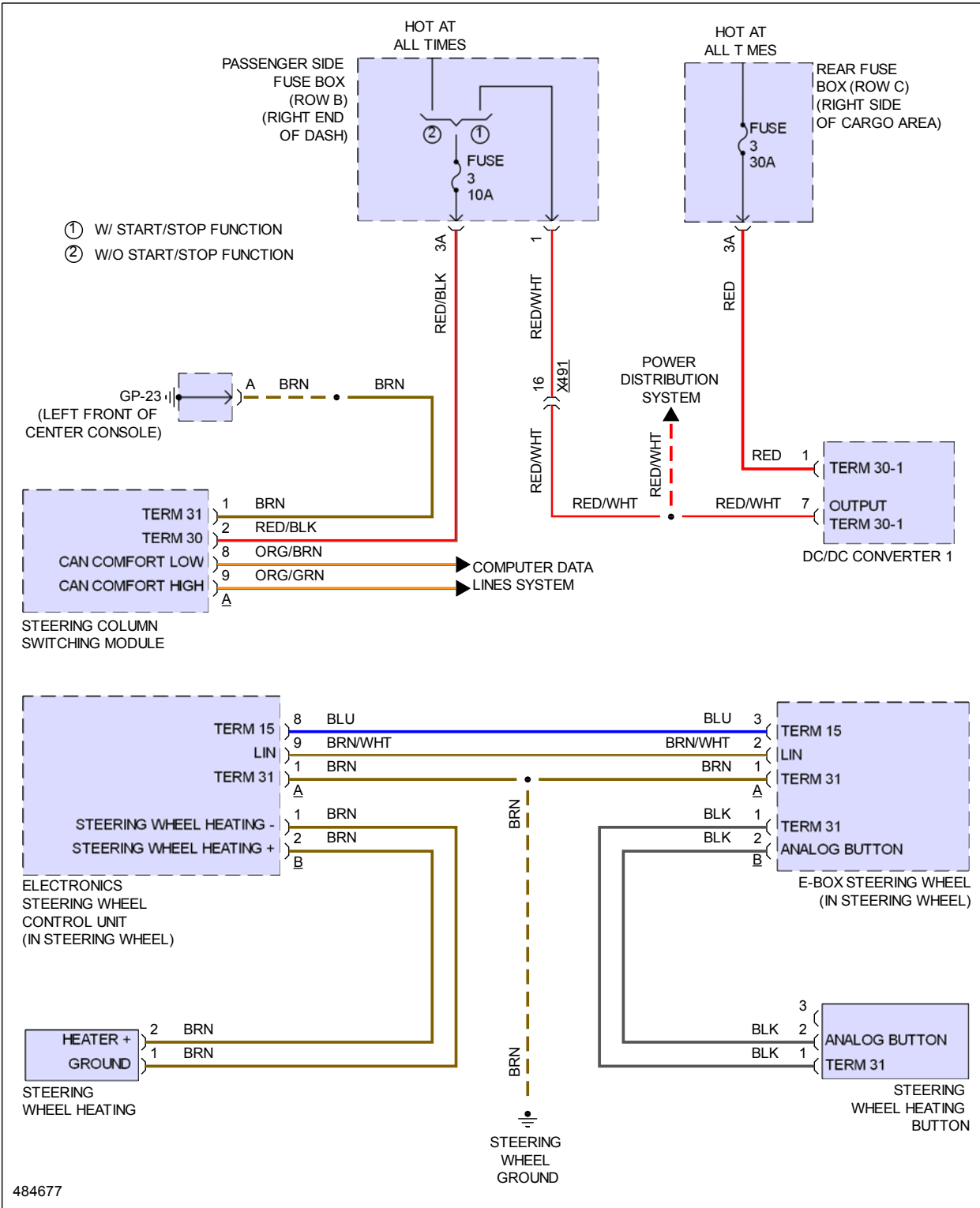


Fig 4: Passenger Power Seat Circuit

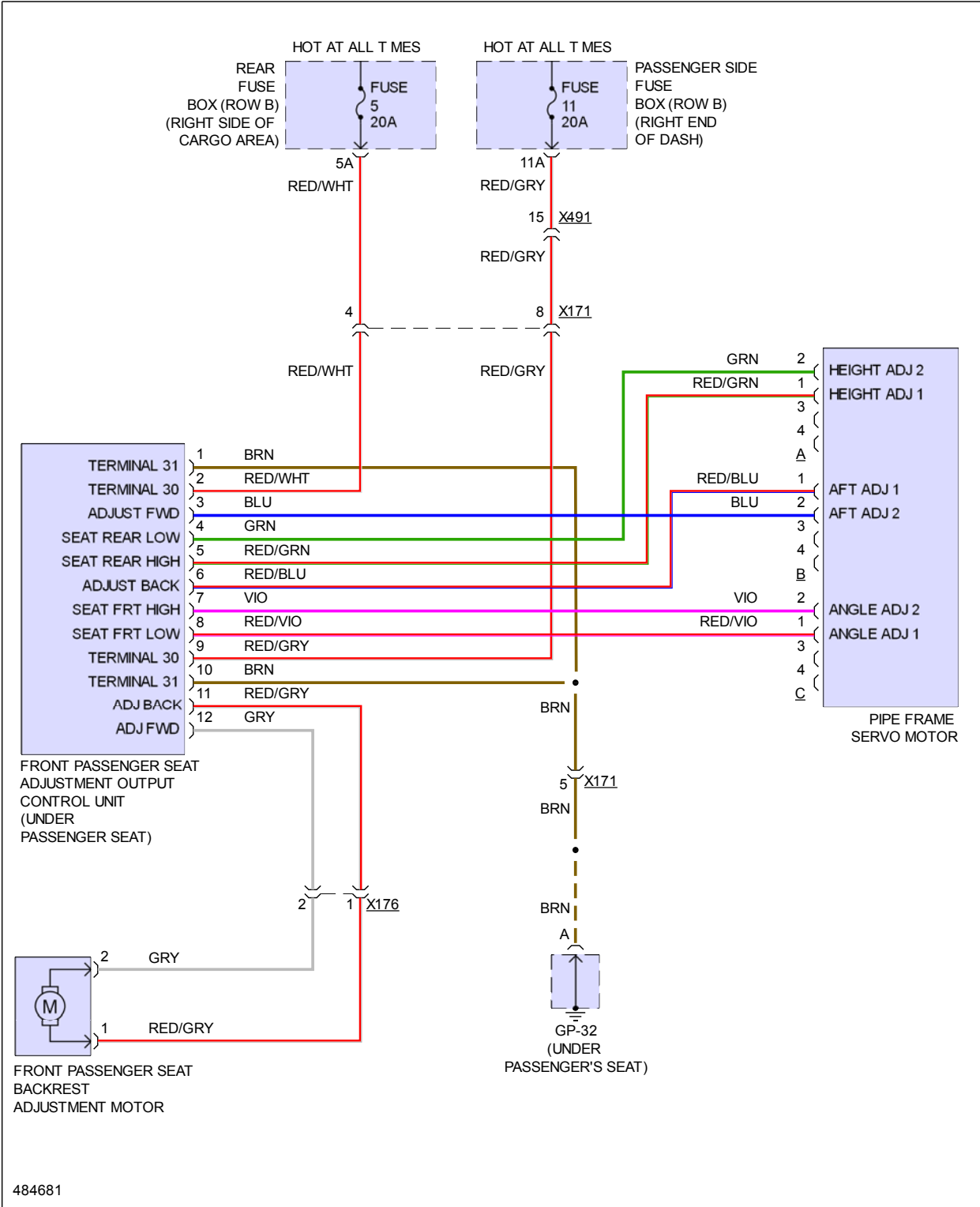


Fig 5: Rear Seat Heater Circuit

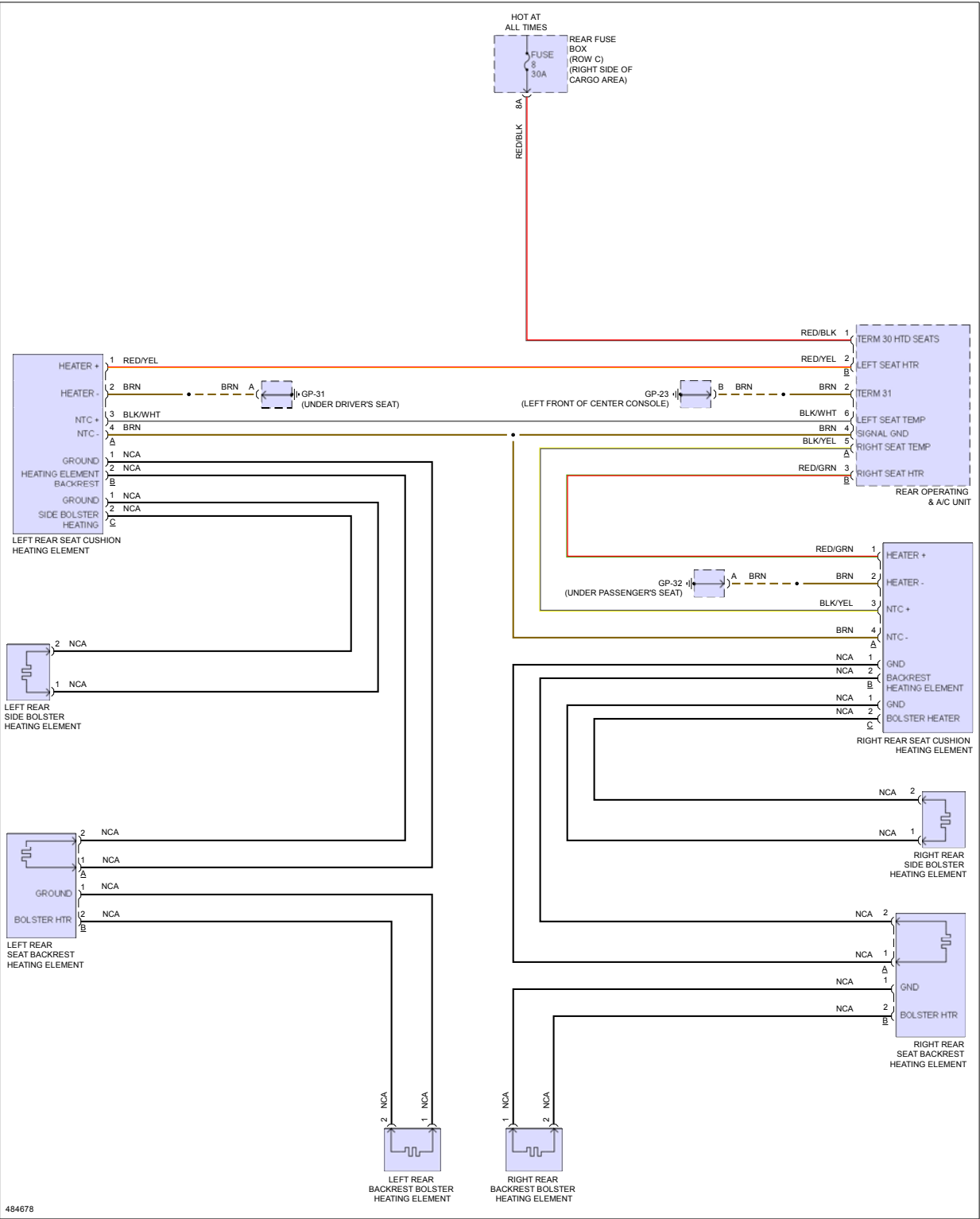


Fig 1: Power Top/Sunroof Circuit



Fig 1: Power Windows Circuit



RADIO

Fig 1: Optical WaveGuide Circuit

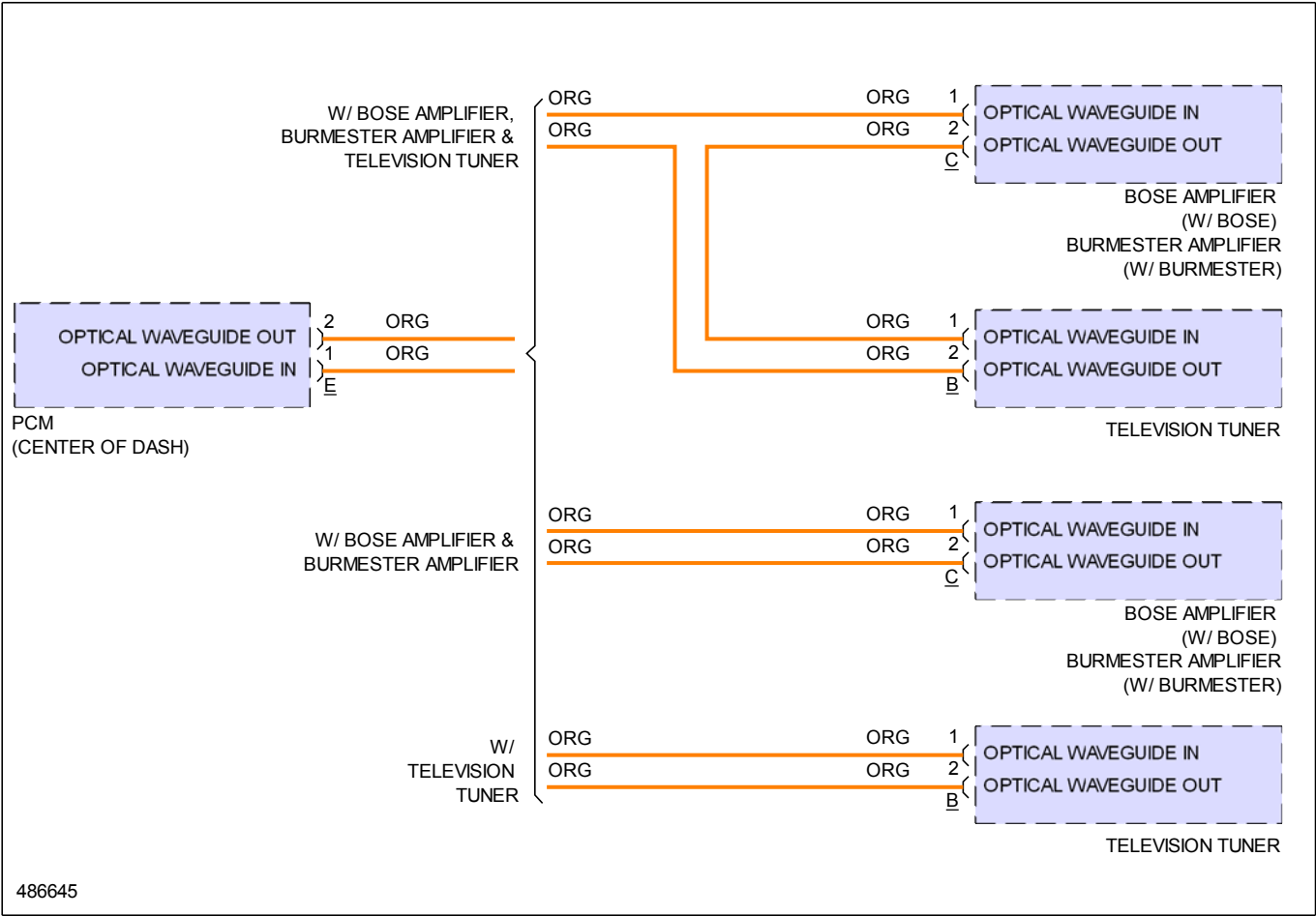
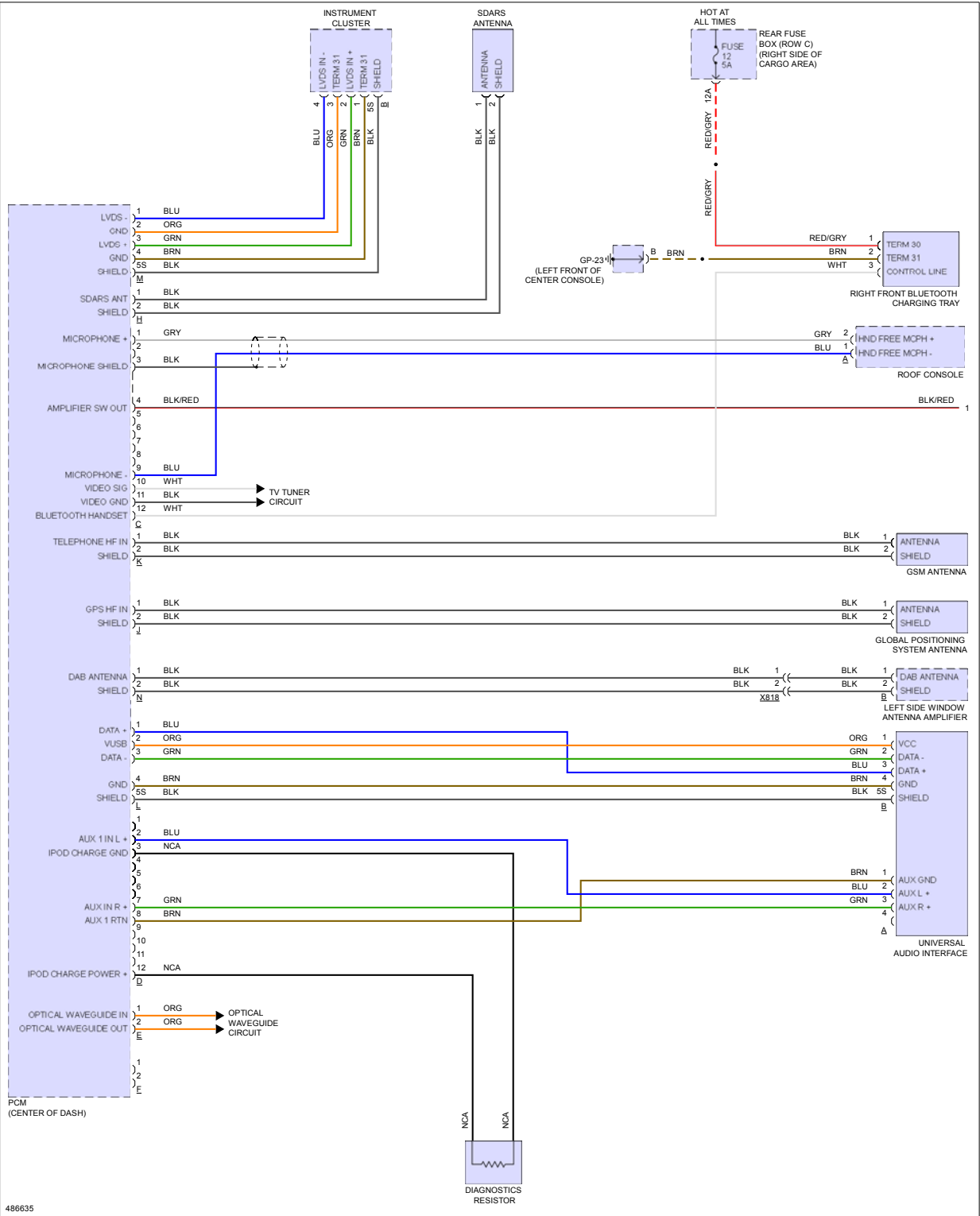


Fig 2: Premium Radio Circuit, W/ ASK (1 of 3)



The diagram illustrates the electrical wiring for a vehicle's audio and control systems. It shows the connections between various components, including speakers, antennas, fuse boxes, and control units. The wiring is color-coded and labeled with terminal numbers to indicate the specific connections.

Key Components and Connections:

- PCM (Center of Dash):** Connected to RR, RF, LF, and LR speakers. Also connected to CAN LOW, CAN HIGH, ANTENNA SWITCHED O/P, RING BRAKE DIAGNOSIS, and RADIO HF IN SHIELD.
- Rear Fuse Box (Row E):** Contains FUSE 2 (10A) and FUSE 3 (10A). Both are labeled "HOT AT ALL TIMES".
- Passenger Side Fuse Box (Row B):** Contains FUSE 3 (10A), labeled "HOT AT ALL TIMES".
- Steering Column Switching Module:** Connected to the steering wheel and the computer data lines system.
- Computer Data Lines System:** Connected to the steering column switching module and the TV tuner circuit.
- TV Tuner Circuit:** Connected to the computer data lines system and the radio HF in shield.
- Right Antenna Amplifier:** Connected to the PCM and the steering wheel electronics control unit.
- Steering Wheel Electronics Control Unit:** Connected to the steering wheel and the left/right steering wheel remote controls.
- Left Switch Panel:** Connected to the steering wheel electronics control unit.
- Left Steering Wheel Remote Control:** Connected to the steering wheel electronics control unit.
- Right Steering Wheel Remote Control:** Connected to the steering wheel electronics control unit.

The diagram also includes labels for "HOT AT ALL TIMES" and "WHEEL GROUND".

Fig 4: Premium Radio Circuit, W/ ASK (3 of 3)

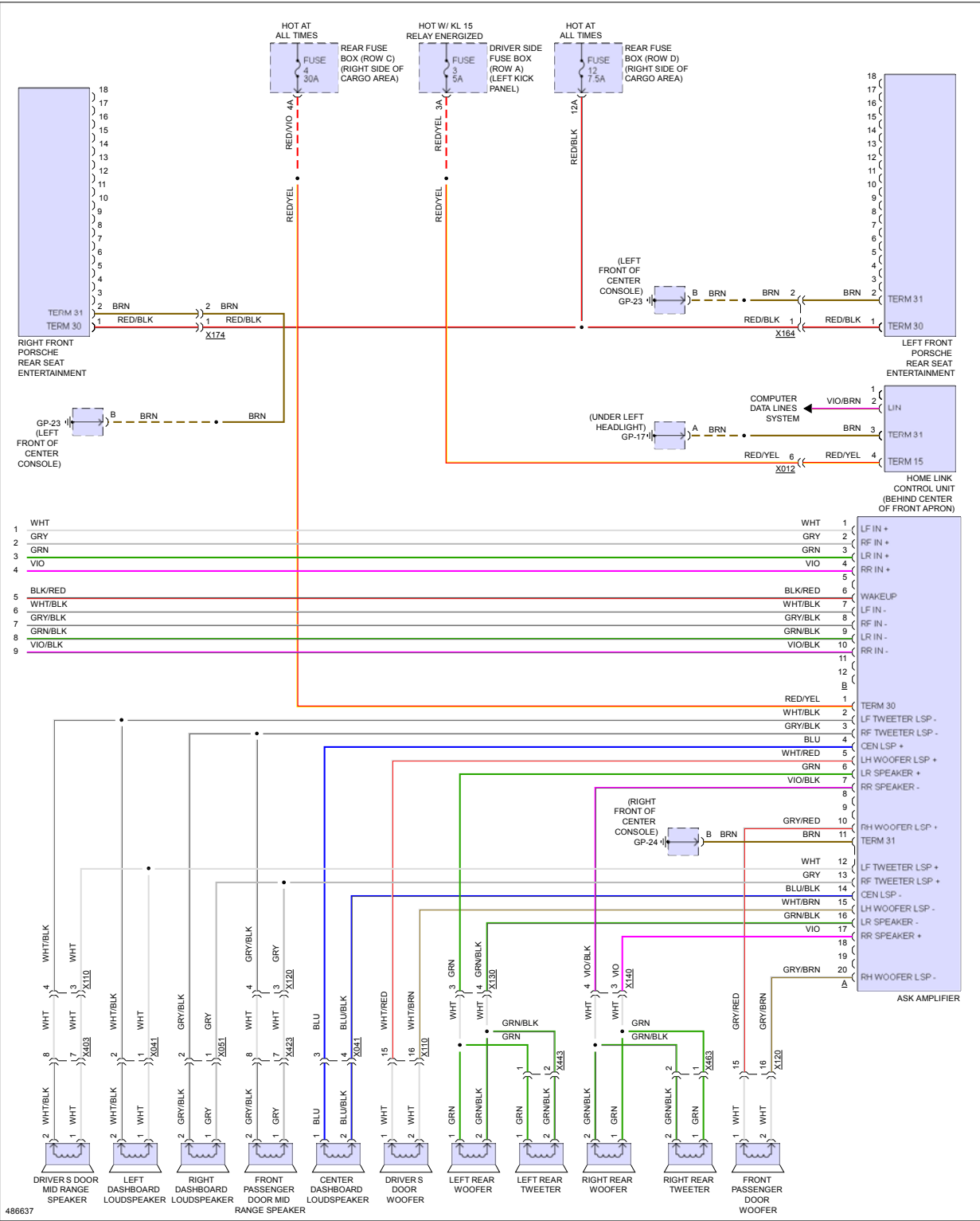


Fig 5: Premium Radio Circuit, W/ Bose (1 of 3)

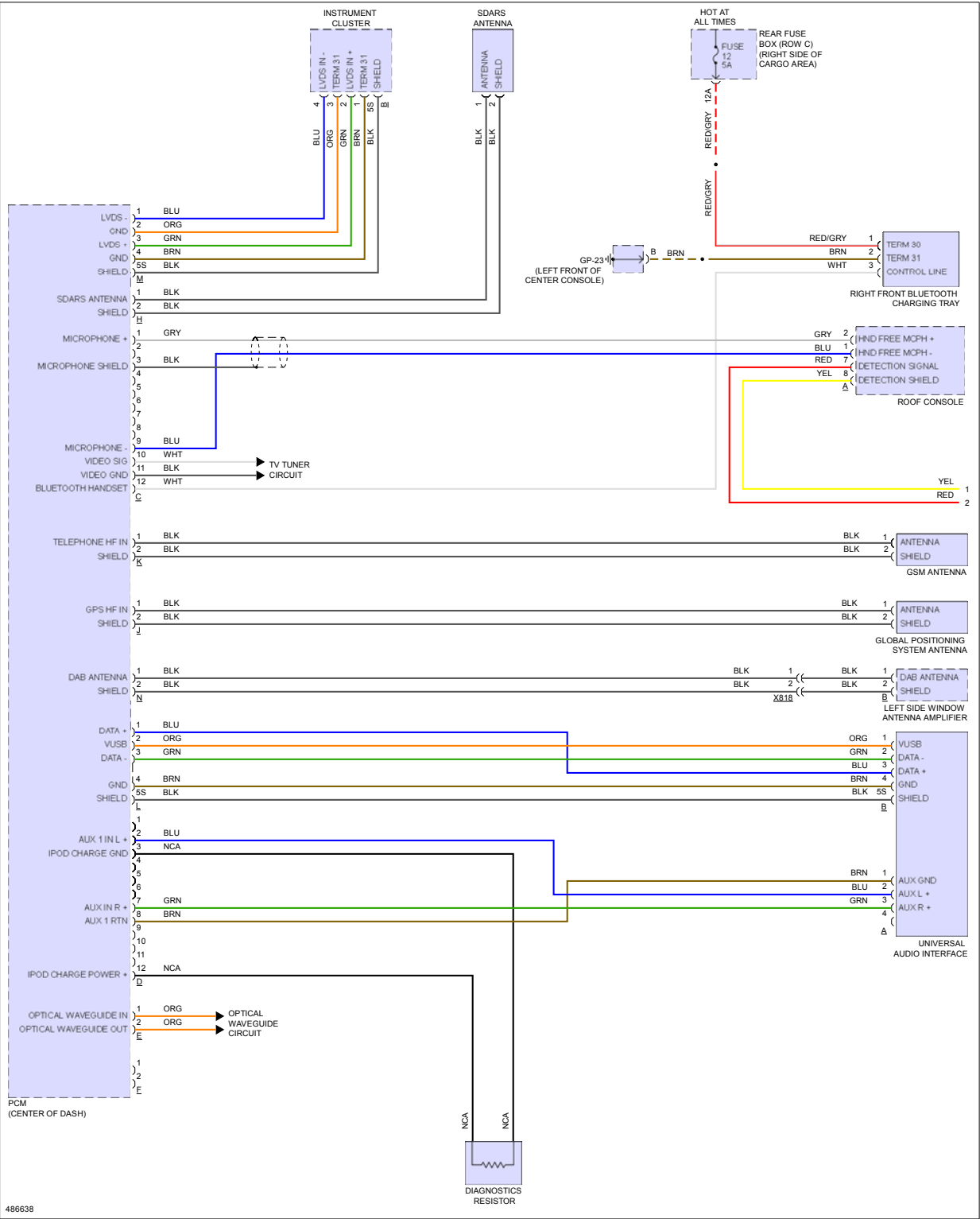
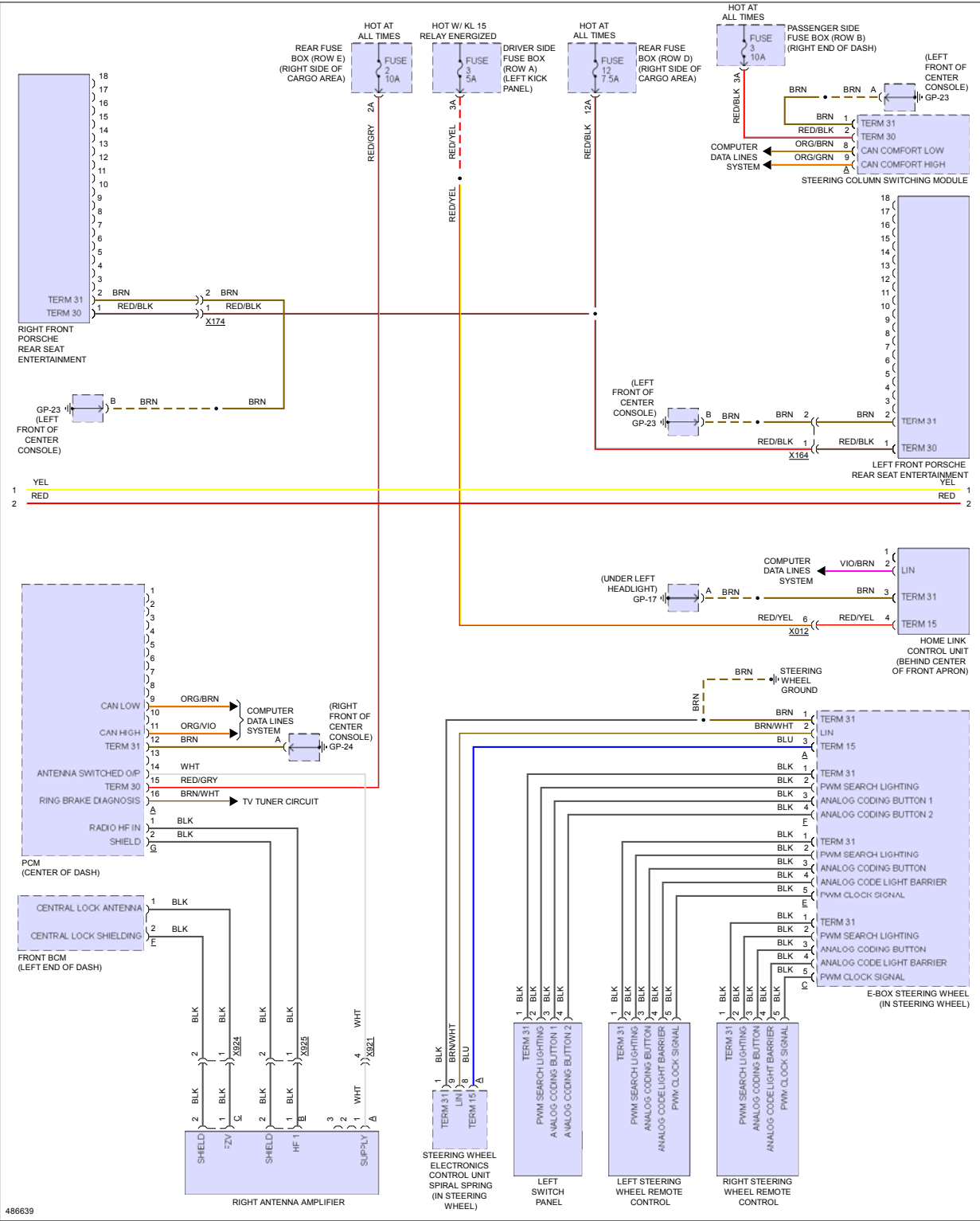


Fig 6: Premium Radio Circuit, W/ Bose (2 of 3)



The diagram illustrates the wiring for a vehicle's audio system, including the following components and connections:

- Speakers:**
 - LEFT REAR D-PILLAR EFFECT LOUDSPEAKER (YEL, BLU/YEL)
 - RIGHT REAR D-PILLAR EFFECT SPEAKER (YEL, BLU/YEL)
 - FRONT PASSENGER DOOR WOOFER (WHT, GRY/BRN, GRY/RED, X120)
 - DRIVER'S DOOR WOOFER (WHT, WHT/BRN, WHT/RED, X110)
 - RIGHT DASHBOARD LOUDSPEAKER (2 GRY/BLK, 1 GRY, X101)
 - FRONT PASSENGER DOOR MID RANGE SPEAKER (2 GRY/BLK, 1 GRY, X120)
 - DRIVER'S DOOR MID RANGE SPEAKER (1 WHT, 2 WHT/BLK, X110)
 - LEFT DASHBOARD LOUDSPEAKER (1 WHT, 2 WHT/BLK, X101)
 - CENTER DASHBOARD LOUDSPEAKER (1 BLU, 2 BLU/BLK, X101)
 - LEFT REAR WOOFER (2 GRN/BLK, 1 GRN, X130)
 - LEFT REAR TWEETER (2 GRN/BLK, 1 GRN, X143)
 - RIGHT REAR WOOFER (1 WHT, 2 GRN/BLK, X140)
 - RIGHT REAR TWEETER (1 GRN, 2 GRN/BLK, X143)
- Subwoofer:**
 - TERM 30 (RED/BLU, YEL/RED, S/G, S/G, RED/WHI, BRN)
 - TERM 31 (YEL, RED)
- Amplifier and Connections:**
 - BOSE AMPLIFIER (OPTICAL WAVEGUIDE IN, OPTICAL WAVEGUIDE OUT, TERM 30, TERM 31, LEFT LSP WOOFER+, RIGHT LSP WOOFER+, RF SPEAKER+, LF SPEAKER+, CEN LSP+, EFFECT SPEAKER+, SUBWOOFER+, LR SPEAKER+, RR SPEAKER+, LEFT LSP WOOFER-, RIGHT LSP WOOFER-, RF SPEAKER+, LF SPEAKER-, CEN LSP-, EFFECT SPEAKER+, SUBWOOFER+, MICROPHONE-, MICROPHONE+, RING BRAKE DIAGNOSIS)
 - GP-43 (LEFT SIDE OF REAR COMPT)
 - GP-43 (LEFT SIDE OF CARGO AREA)
- Fuses:**
 - REAR FUSE BOX (ROW C) (RIGHT SIDE OF CARGO AREA): FUSE 5 (25A), FUSE 4 (30A)
- Wiring Details:**
 - Wires are color-coded: YEL, RED, BLU, GRN, WHT, GRY, BLK, BRN, VIO, etc.
 - Terminal blocks: X101, X120, X110, X130, X140, X143.
 - Connections to TV TUNER CIRCUIT and SUBWOOFER.

Fig 8: Premium Radio Circuit, W/ Burmester (1 of 4)

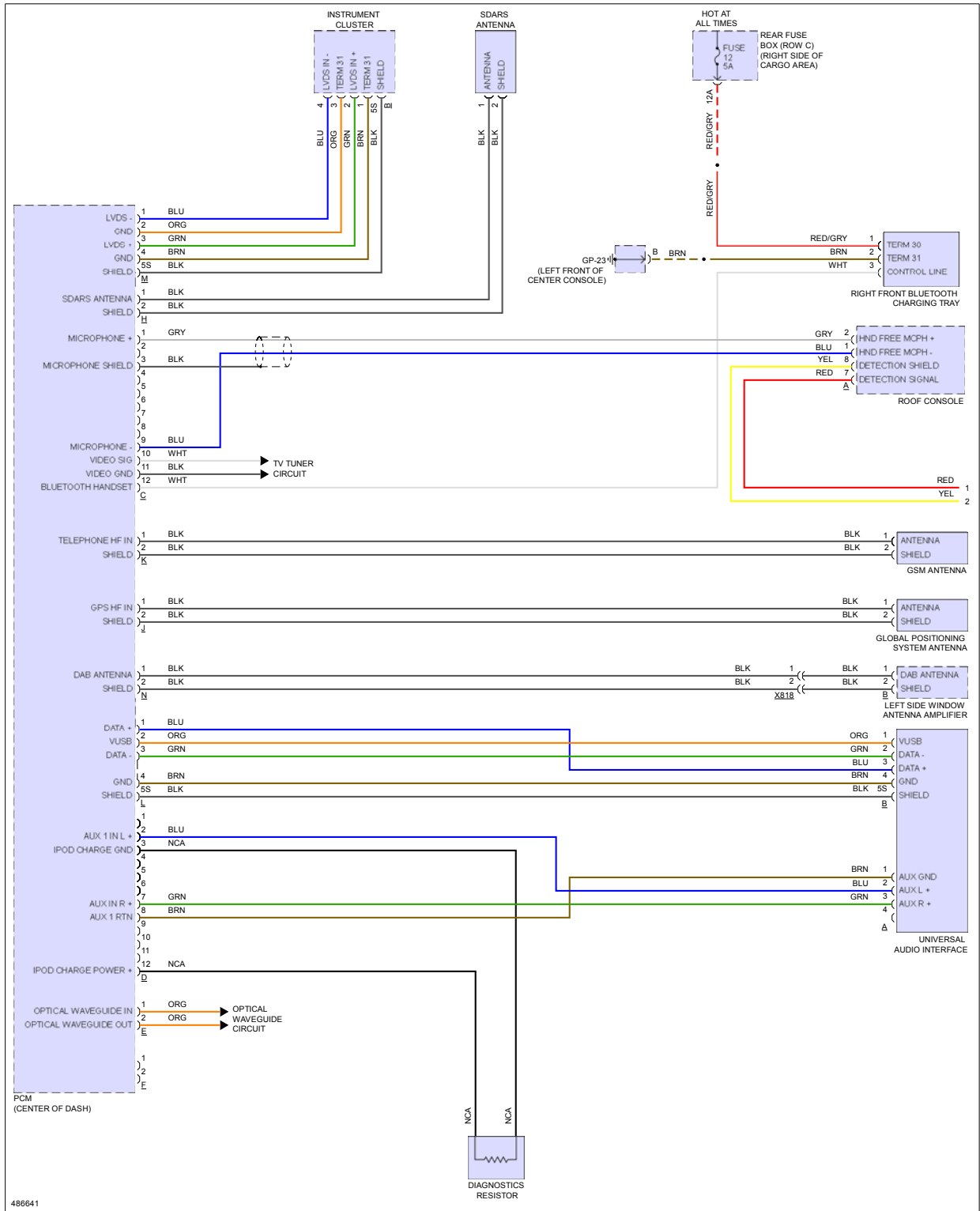


Fig 9: Premium Radio Circuit, W/ Burmester (2 of 4)

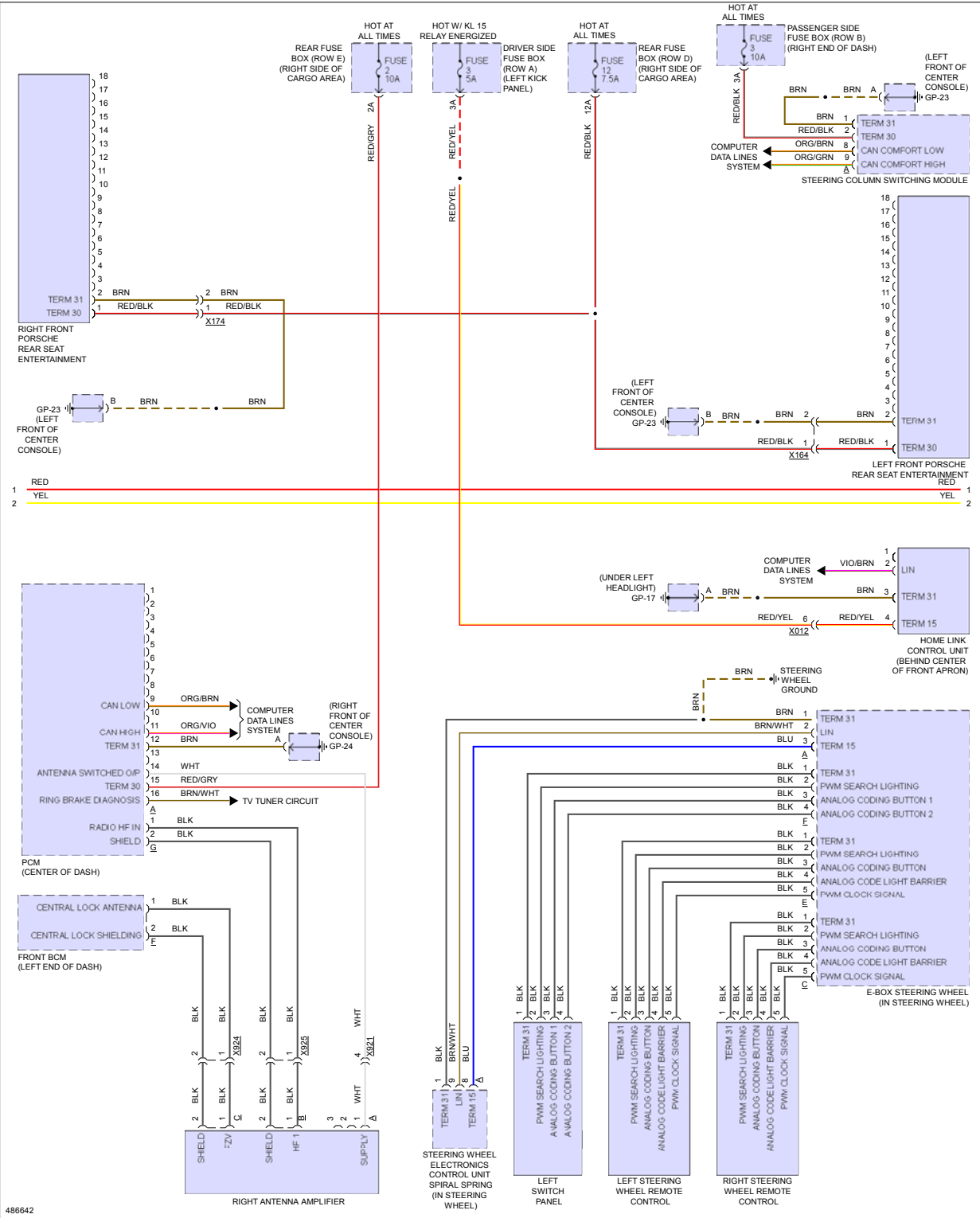


Fig 10: Premium Radio Circuit, W/ Burmester (3 of 4)

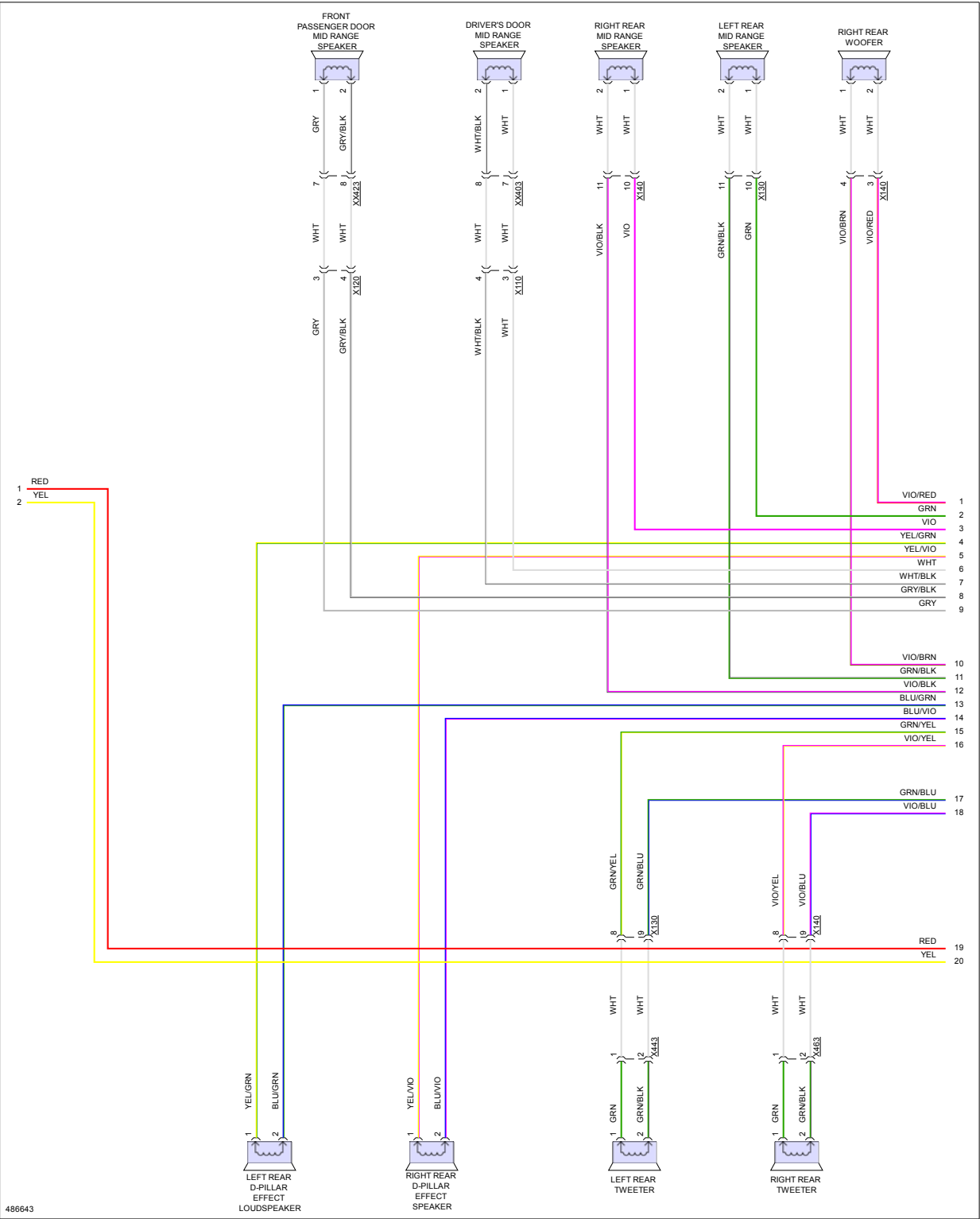


Fig 11: Premium Radio Circuit, W/ Burmester (4 of 4)

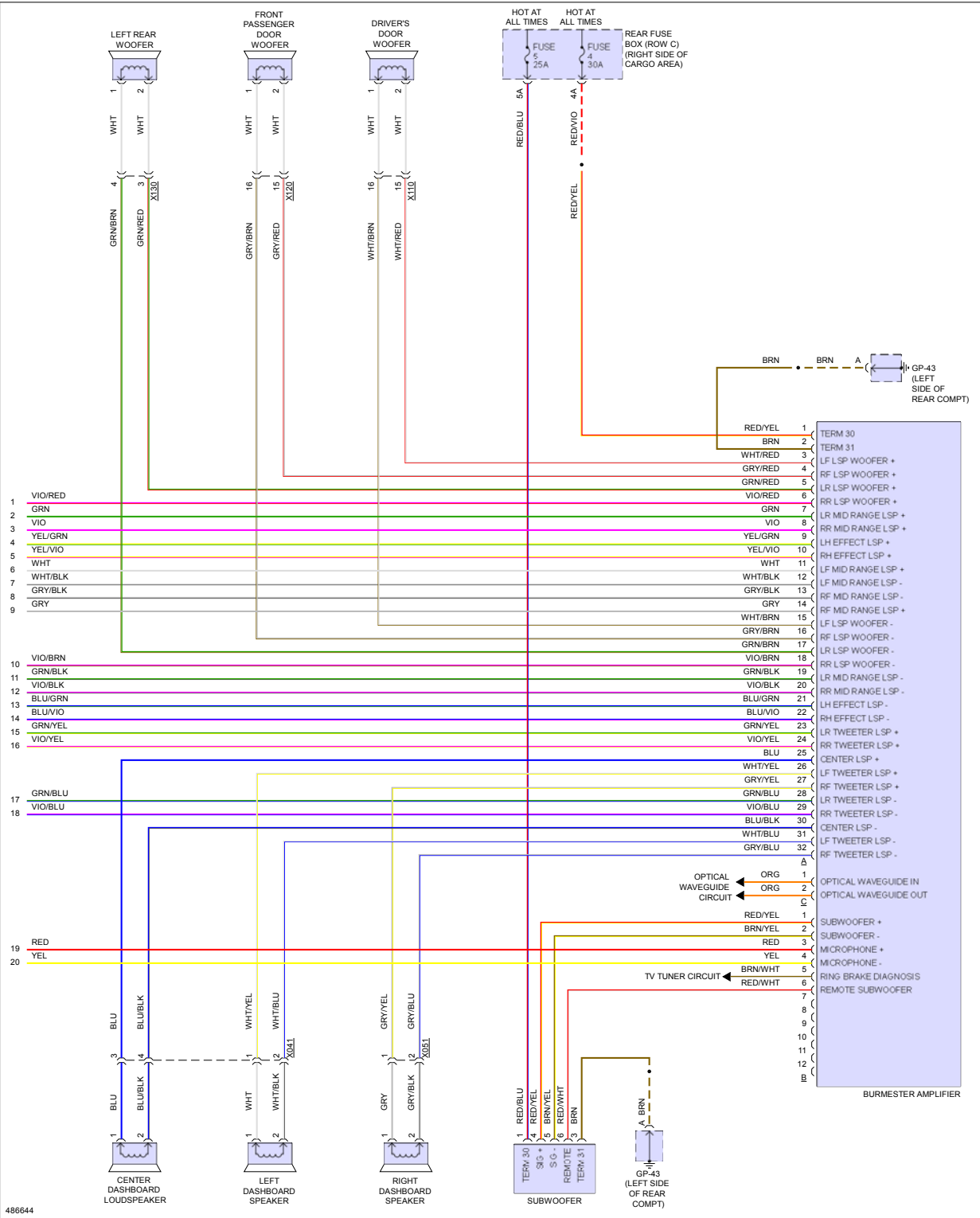
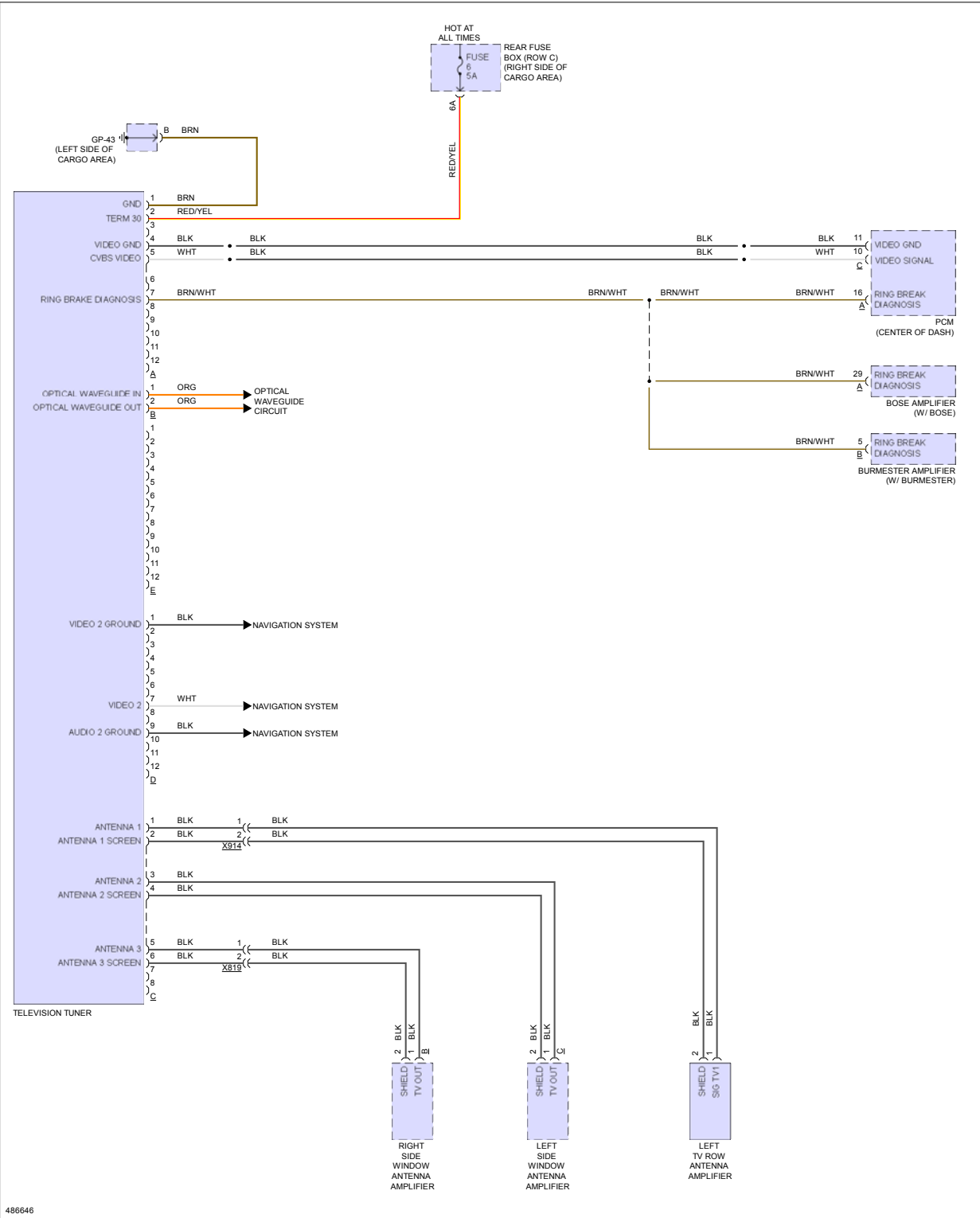


Fig 12: TV Tuner Circuit



SHIFT INTERLOCK

Fig 1: Electronic Parking Brake Circuit

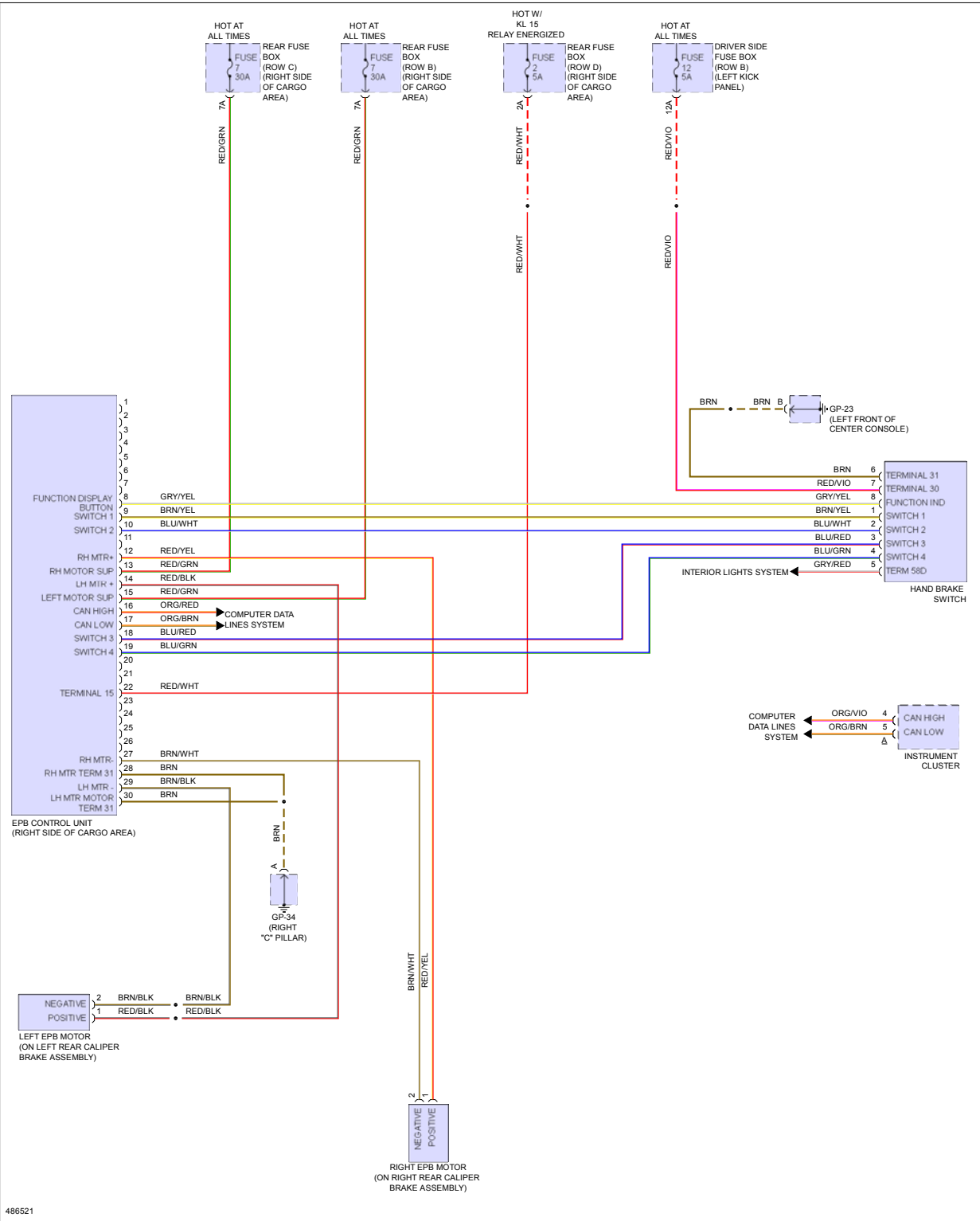


Fig 2: Shift Interlock Circuit

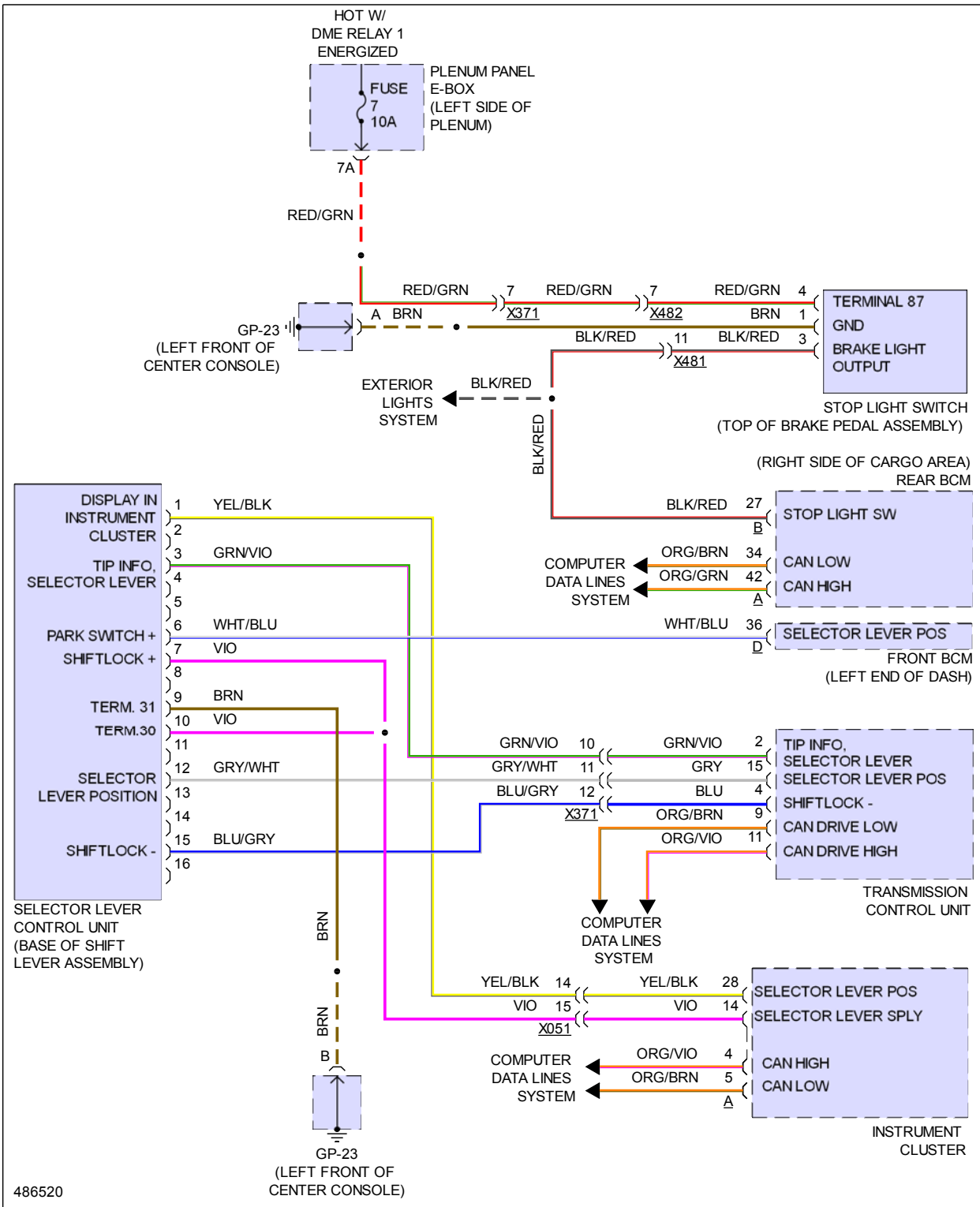


Fig 1: Charging Circuit

Fig 1: Charging Circuit



The diagram illustrates the electrical system for a vehicle, showing the following components and their connections:

- Battery:** VEHICLE ELECTRICAL SYSTEM BATTERY, connected to the central fusing and the starter.
- Central Fusing:** CENTRAL FUSING (RIGHT CENTER REAR OF CARGO AREA), containing a BATTERY DISCONNECT RELAY.
- Driver Side Fuse Box:** DRIVER SIDE FUSE BOX (ROW A) (LEFT KICK PANEL), containing a FUSE 12 15A.
- Plenum Panel E-Box:** PLENUM PANEL E-BOX (LEFT SIDE OF PLENUM), containing a FUSE 5 5A.
- Plenum Panel E-Box:** PLENUM PANEL E-BOX FUSE HOLDER B (LEFT SIDE OF PLENUM), containing a FUSE 1 40A.
- Passenger Side Fuse Box:** PASSENGER SIDE FUSE BOX (ROW A) (RIGHT END OF DASH), containing a FUSE 2 5A.
- Starter:** STARTER, connected to the battery and the starter relay.
- Generator:** GENERATOR, connected to the battery and the starter.
- Computer Data Lines System:** A central system for data lines, connected to various components.
- Steering Column Lock:** STEERING COLUMN LOCK (ON STEERING COLUMN), connected to the electronic ignition lock.
- Electronic Ignition Lock:** ELECTRONIC IGNITION LOCK (IN STEERING COLUMN), connected to the steering column lock.
- Front BCM:** FRONT BCM (LEFT END OF DASH), connected to the steering column lock.
- DC/DC Converter 1:** DC/DC CONVERTER 1, connected to the battery and the starter relay.
- Starter Relay 1:** STARTER RELAY 1 (PLENUM PANEL E-BOX), connected to the battery and the starter.
- Starter Relay 2:** STARTER RELAY 2 (PLENUM PANEL E-BOX), connected to the battery and the starter.
- Transmission Control Unit:** TRANSMISSION CONTROL UNIT, connected to the computer data lines system.
- Starter Inter Lock:** STARTER INTER LOCK (CAN DRIVE LOW CAN DRIVE HI), connected to the computer data lines system.
- Generator:** GENERATOR, connected to the battery and the starter.

The diagram uses color-coded wires to indicate the connection paths between these components. Key wires include RED/GRN, BLK, RED/BLK, RED/BLK 1, RED/BLK 2, RED/BLK 3, RED/BLK 4, RED/BLK 5, RED/BLK 6, RED/BLK 7, RED/BLK 8, RED/BLK 9, RED/BLK 10, RED/BLK 11, RED/BLK 12, RED/BLK 13, RED/BLK 14, RED/BLK 15, RED/BLK 16, RED/BLK 17, RED/BLK 18, RED/BLK 19, RED/BLK 20, RED/BLK 21, RED/BLK 22, RED/BLK 23, RED/BLK 24, RED/BLK 25, RED/BLK 26, RED/BLK 27, RED/BLK 28, RED/BLK 29, RED/BLK 30, RED/BLK 31, RED/BLK 32, RED/BLK 33, RED/BLK 34, RED/BLK 35, RED/BLK 36, RED/BLK 37, RED/BLK 38, RED/BLK 39, RED/BLK 40, RED/BLK 41, RED/BLK 42, RED/BLK 43, RED/BLK 44, RED/BLK 45, RED/BLK 46, RED/BLK 47, RED/BLK 48, RED/BLK 49, RED/BLK 50, RED/BLK 51, RED/BLK 52, RED/BLK 53, RED/BLK 54, RED/BLK 55, RED/BLK 56, RED/BLK 57, RED/BLK 58, RED/BLK 59, RED/BLK 60, RED/BLK 61, RED/BLK 62, RED/BLK 63, RED/BLK 64, RED/BLK 65, RED/BLK 66, RED/BLK 67, RED/BLK 68, RED/BLK 69, RED/BLK 70, RED/BLK 71, RED/BLK 72, RED/BLK 73, RED/BLK 74, RED/BLK 75, RED/BLK 76, RED/BLK 77, RED/BLK 78, RED/BLK 79, RED/BLK 80, RED/BLK 81, RED/BLK 82, RED/BLK 83, RED/BLK 84, RED/BLK 85, RED/BLK 86, RED/BLK 87, RED/BLK 88, RED/BLK 89, RED/BLK 90, RED/BLK 91, RED/BLK 92, RED/BLK 93, RED/BLK 94, RED/BLK 95, RED/BLK 96, RED/BLK 97, RED/BLK 98, RED/BLK 99, RED/BLK 100.

SUPPLEMENTAL RESTRAINTS

Fig 1: Supplemental Restraints Circuit (1 of 3)

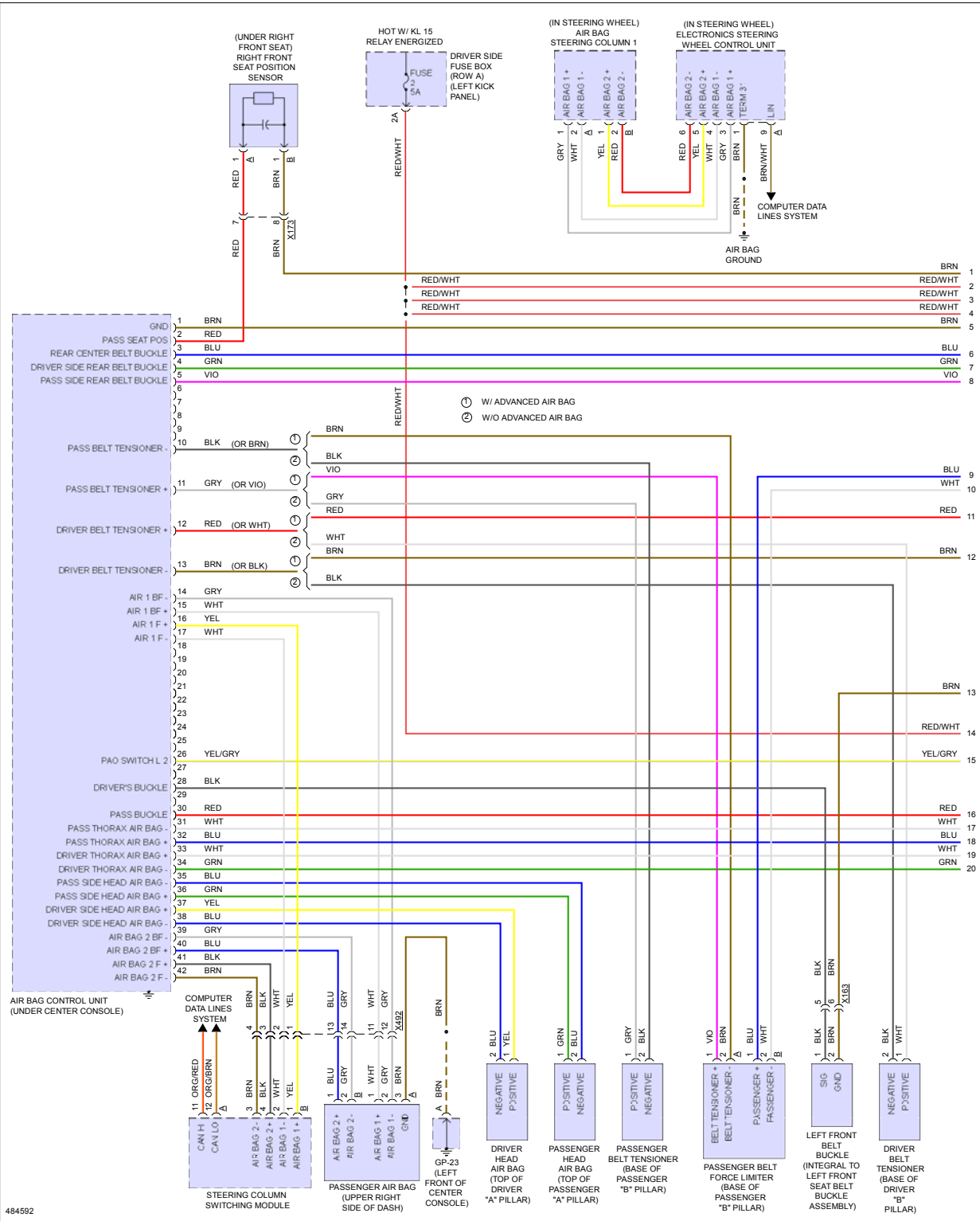


Fig 2: Supplemental Restraints Circuit (2 of 3)

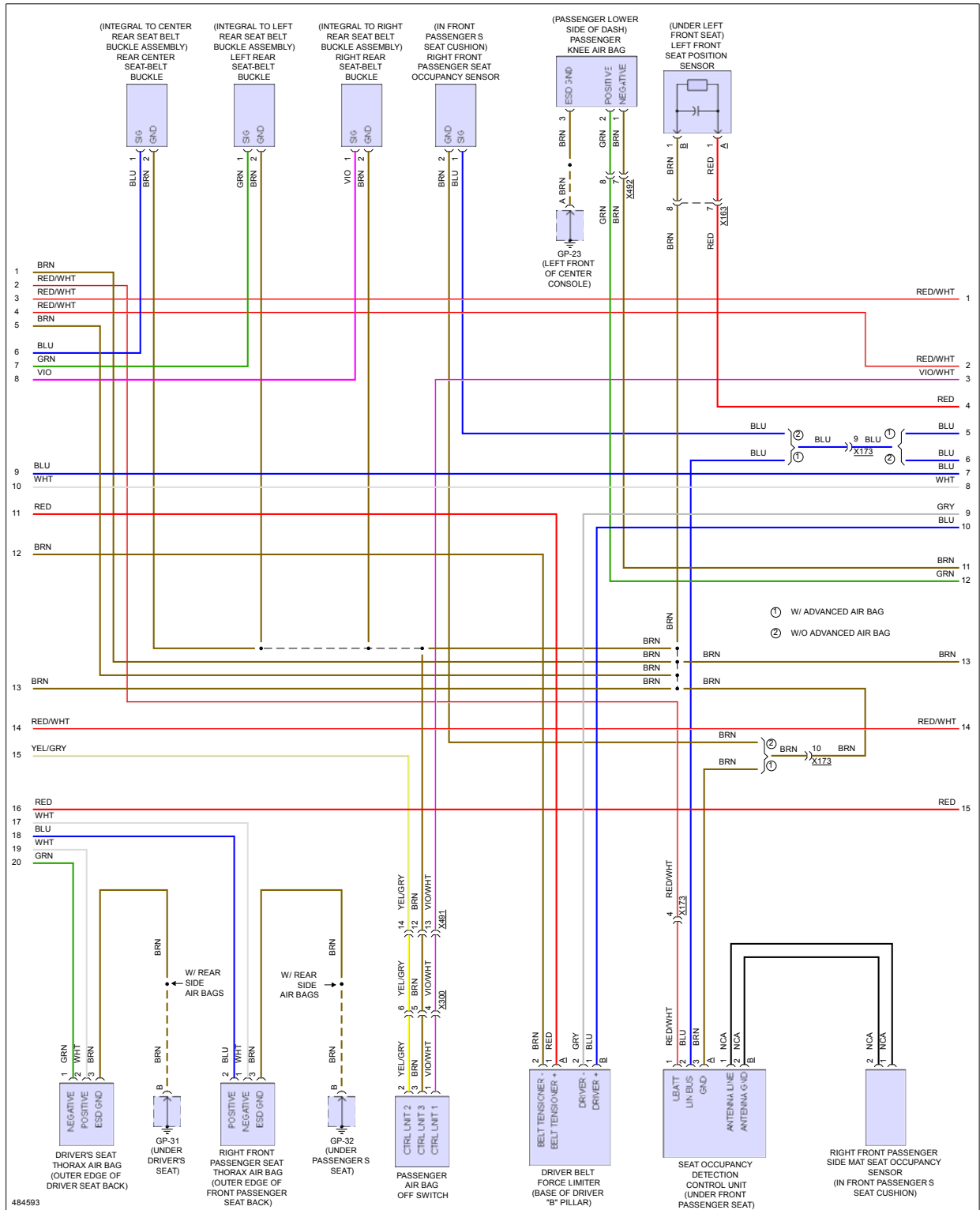


Fig 3: Supplemental Restraints Circuit (3 of 3)

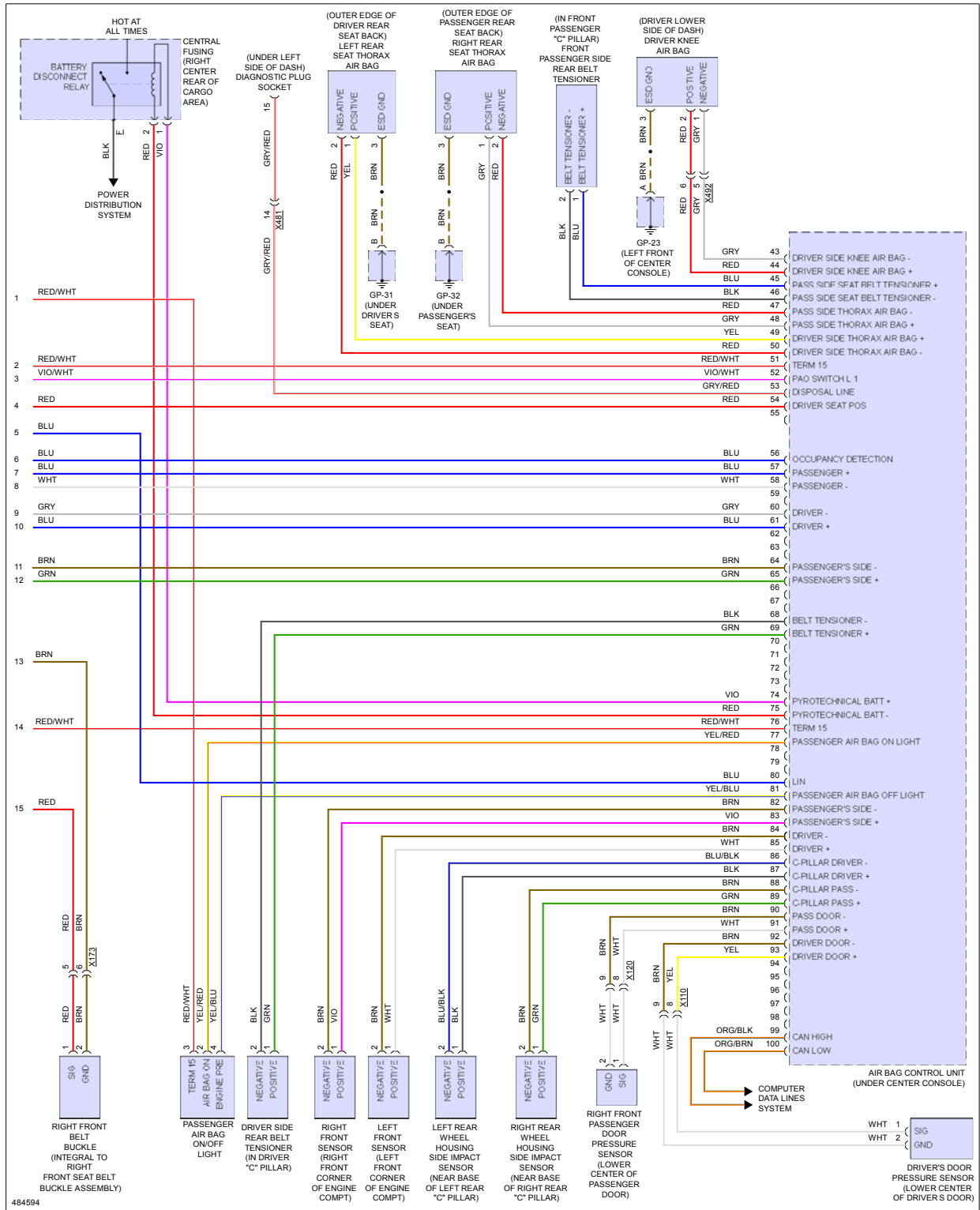


Fig 1: A/T Circuit

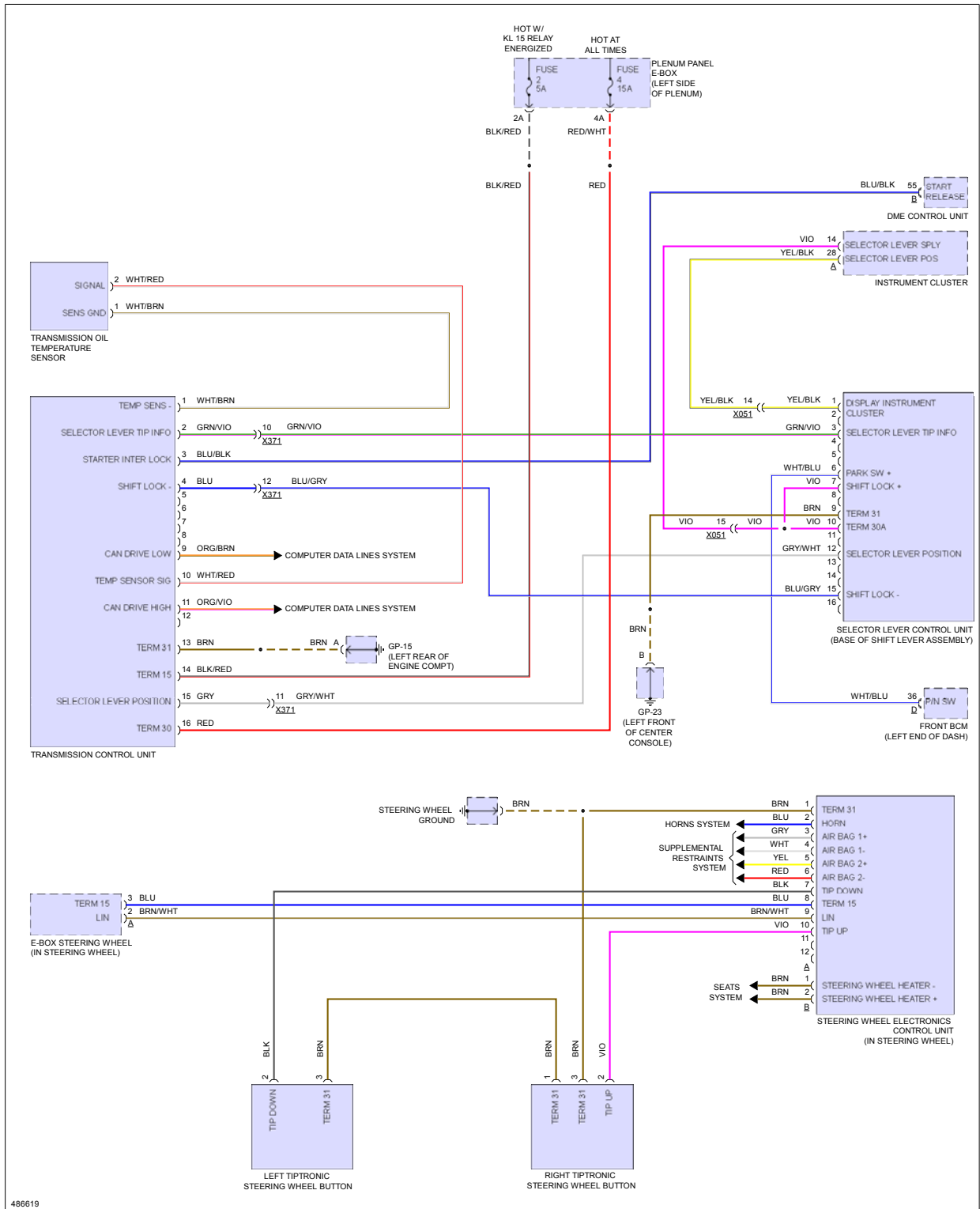


Fig 2: AWD Circuit

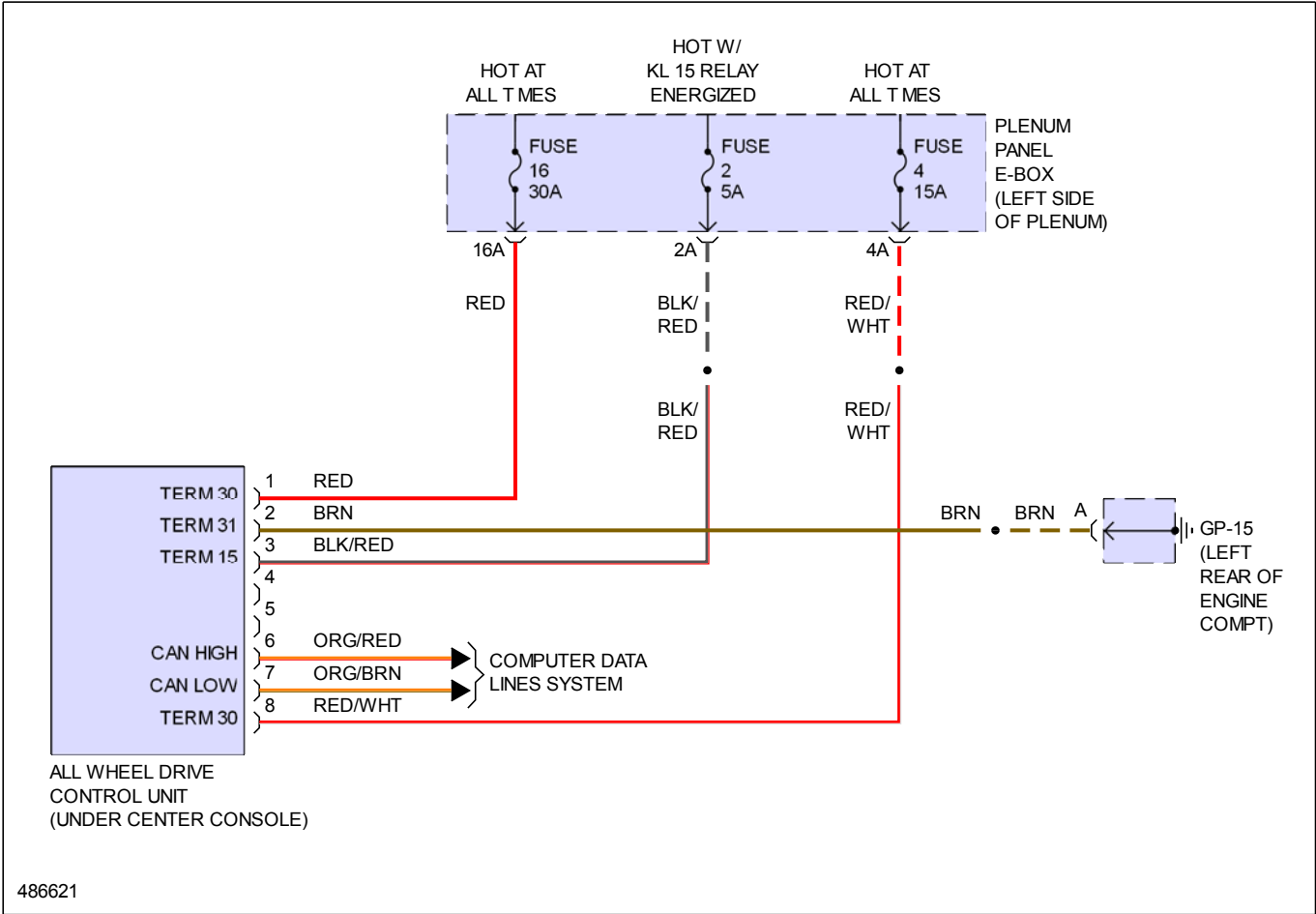
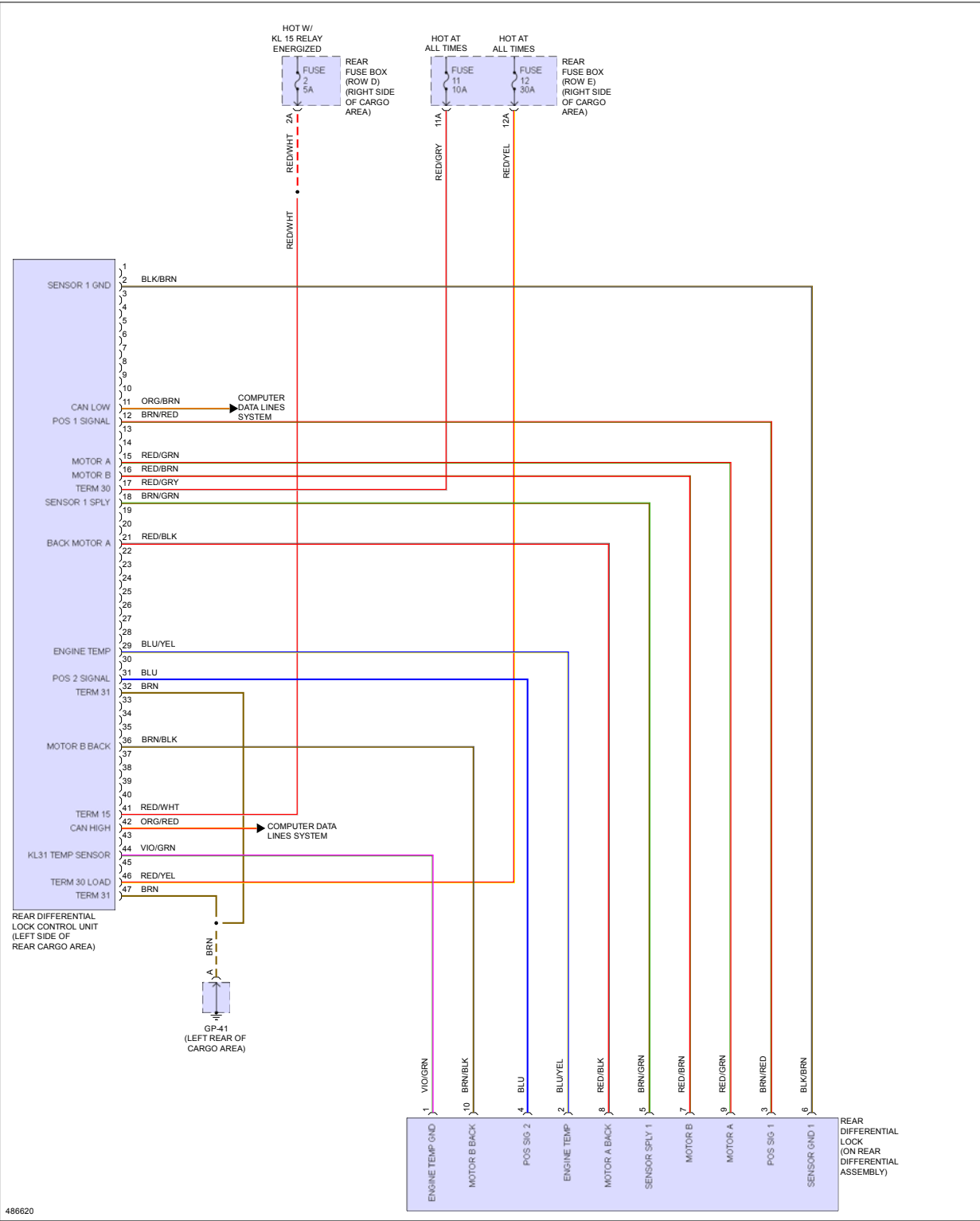
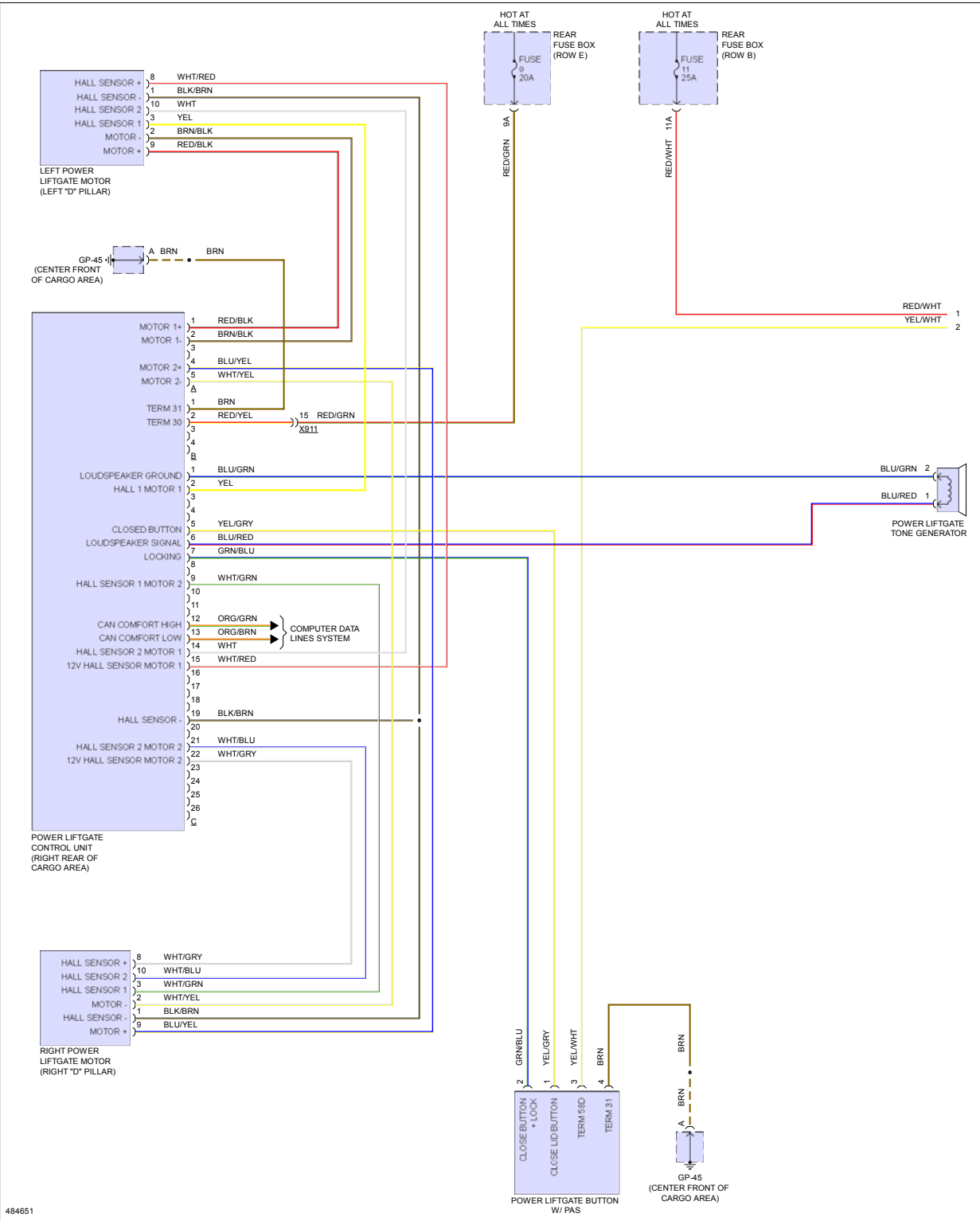


Fig 3: Rear Differential Lock Circuit



TRUNK, TAILGATE, FUEL DOOR

Fig 1: Tailgate & Fuel Door Release Circuit (1 of 2)



① W/O DRIVE SWITCH
② W/ DRIVE SWITCH

REAR LID WARNING LIGHT
TERM 30
REAR LID BUTTON OUTER
CAN LOW
CAN HIGH
TERM 31
CLOSING AID MOTOR CLOSED
CLOSING AID MOTOR OPEN
REAR LID CLOSING AID ROTARY LATCH
REAR LID CLOSING AID PAWL
DRIVE SW

REAR BCM
(RIGHT SIDE OF CARGO AREA)

FRONT BCM
(LEFT END OF DASH)

LOCKING
UNLOCK

TANK COVER
ACTUATOR
(AT FUEL LID)

TAILGATE LOCK MOTOR
(W/O DRIVE SWITCH)
(BOTTOM CENTER OF TAILGATE)

CLOSING AID
TAILGATE LOCK MOTOR
(W/ DRIVE SWITCH)
(BOTTOM CENTER
OF TAILGATE)

(CENTER FRONT
OF CARGO AREA)
GP-45
A
BRN
1
GND
2
SIG
3
LED
OUTER REAR
LID BUTTON

(LEFT SIDE OF CARGO AREA)
GP-43
B
BRN
3
B

GP-40
A
BRN
15
A

GP-42
(RIGHT REAR OF CARGO AREA)
A
BRN
3
A

GP-44
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-46
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-47
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-48
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-49
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-50
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-51
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-52
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-53
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-54
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-55
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-56
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-57
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-58
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-59
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-60
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-61
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-62
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-63
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-64
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-65
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-66
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-67
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-68
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-69
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-70
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-71
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-72
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-73
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-74
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-75
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-76
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-77
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-78
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-79
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-80
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-81
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-82
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-83
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-84
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-85
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-86
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-87
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-88
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-89
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-90
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-91
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-92
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-93
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-94
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-95
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-96
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-97
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

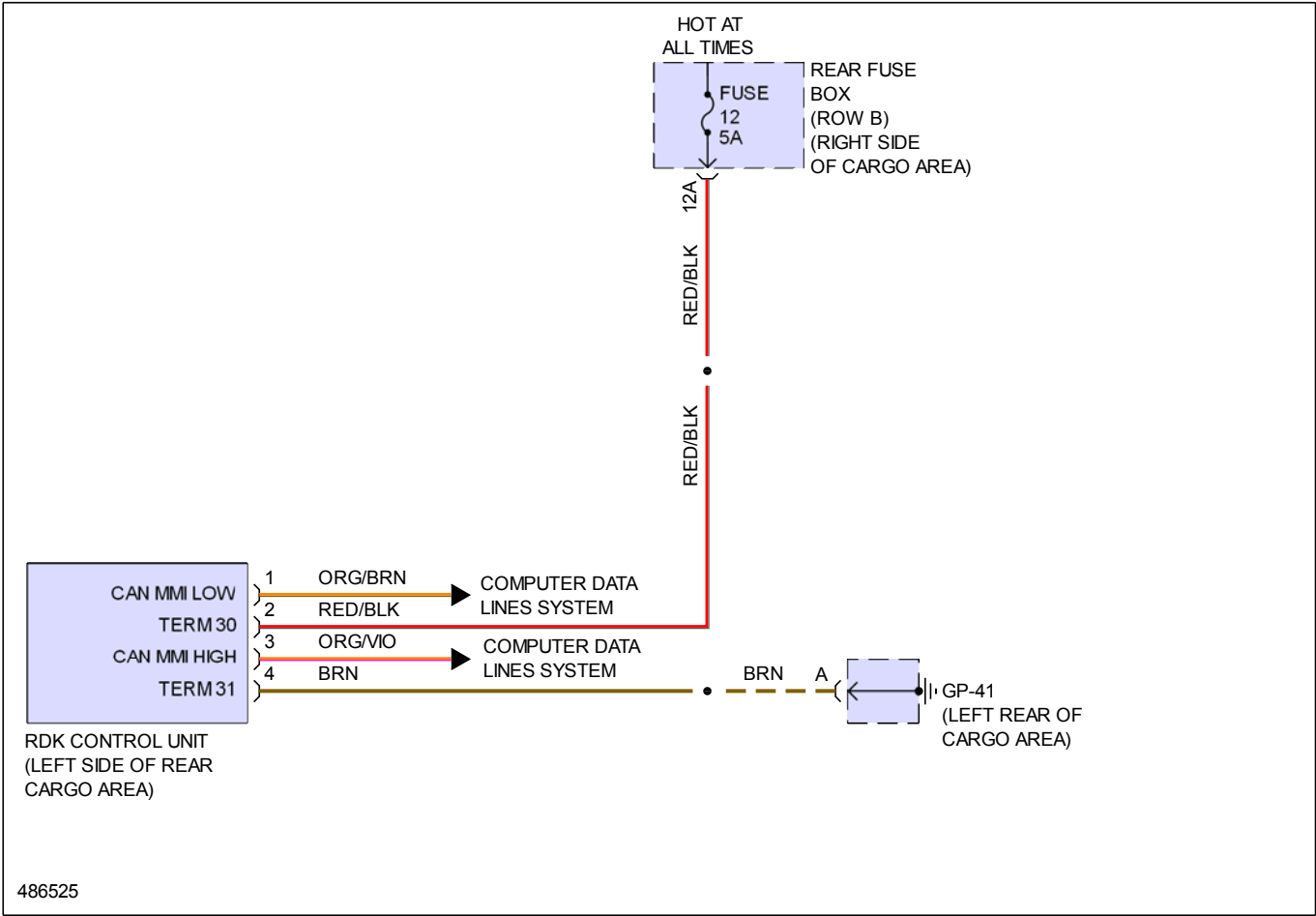
GP-98
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

GP-99
(LEFT SIDE OF CARGO AREA)
B
BRN
3
B

GP-100
(RIGHT SIDE OF CARGO AREA)
A
BRN
3
A

WARNING SYSTEMS

Fig 1: Warning Systems Circuit



WIPER/WASHER

Fig 1: Front Wiper/Washer Circuit

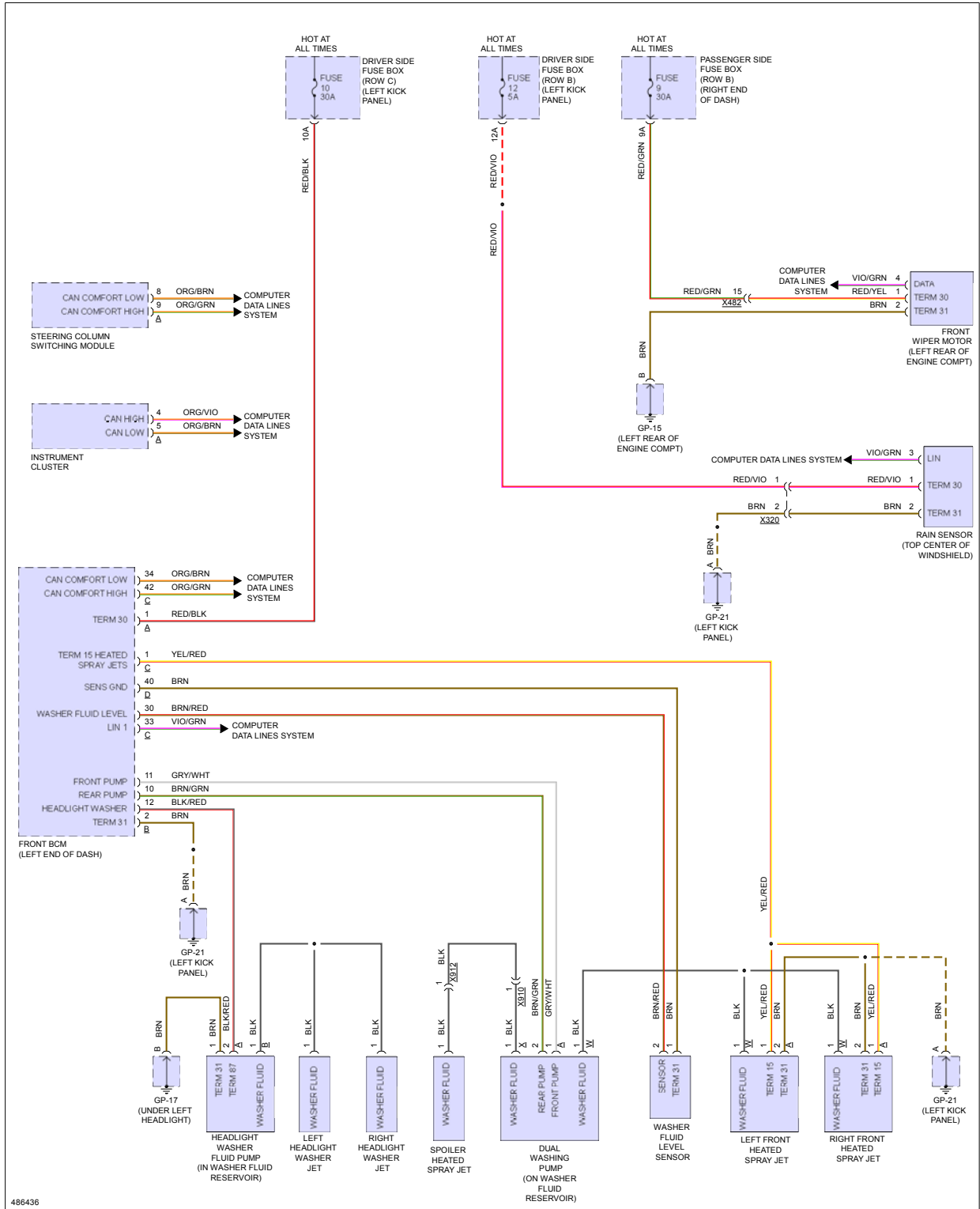


Fig 2: Rear Wiper Circuit

