

YMMS: 2019 BMW X5 xDrive40i

Engine: 3.0L Eng

VIN:

Mar 1, 2020

License:

Odometer:

AIR CONDITIONING

Fig 1: 3rd Row Seat Heater Circuit

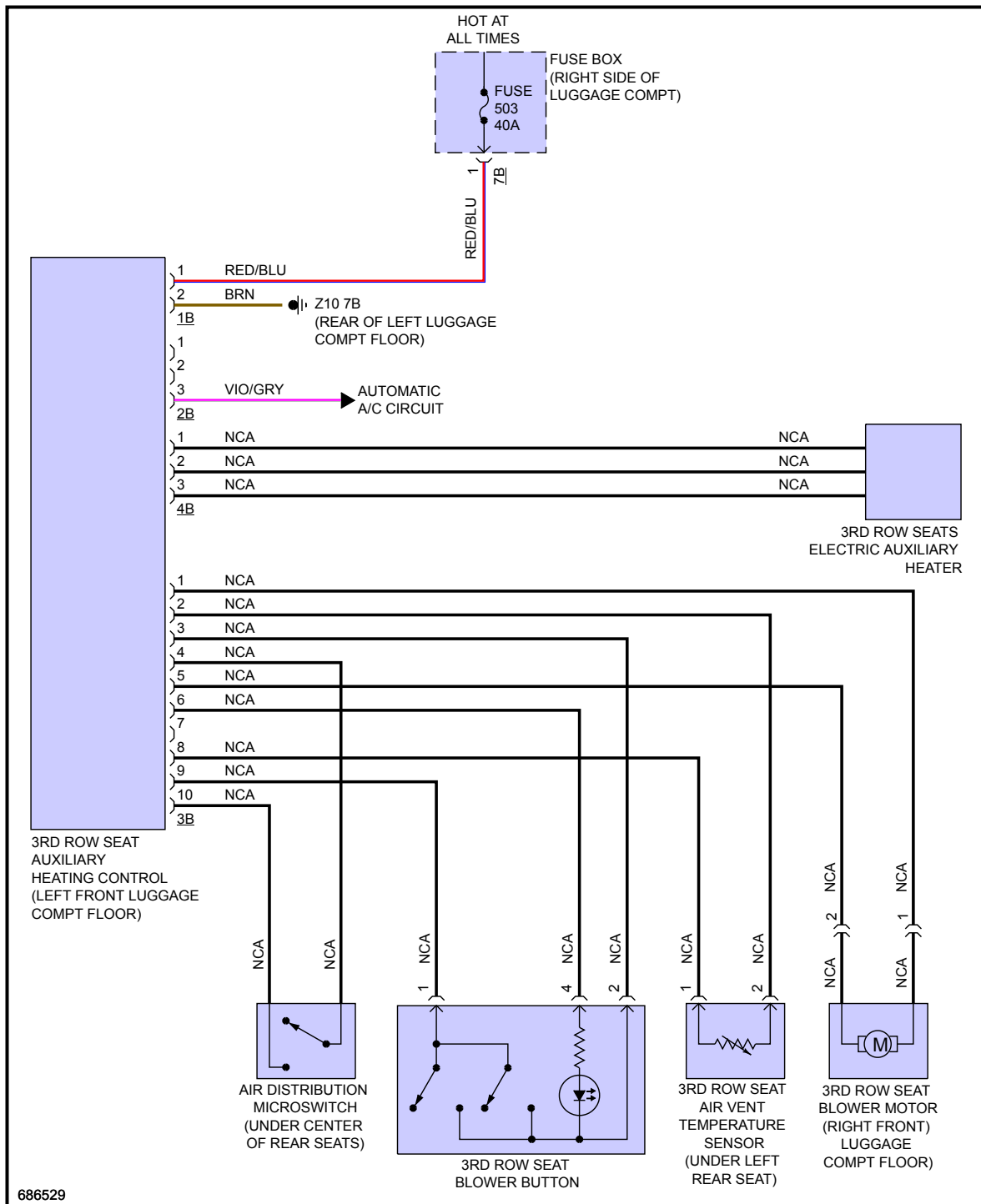


Fig 2: Automatic A/C Circuit, W/ Rear Automatic Climate Control (1 of 6)



Fig 3: Automatic A/C Circuit, W/ Rear Automatic Climate Control (2 of 6)

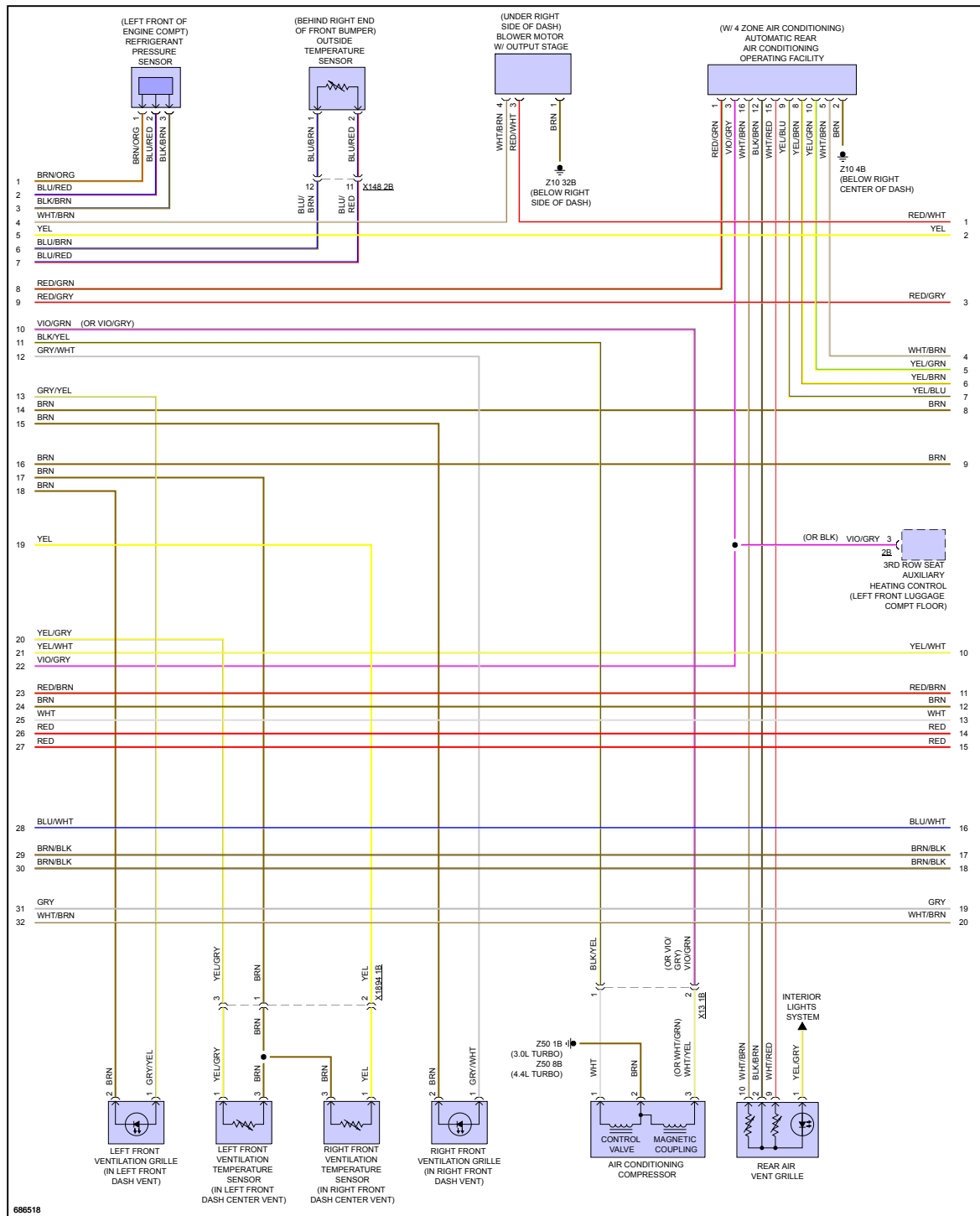


Fig 4: Automatic A/C Circuit, W/ Rear Automatic Climate Control (3 of 6)

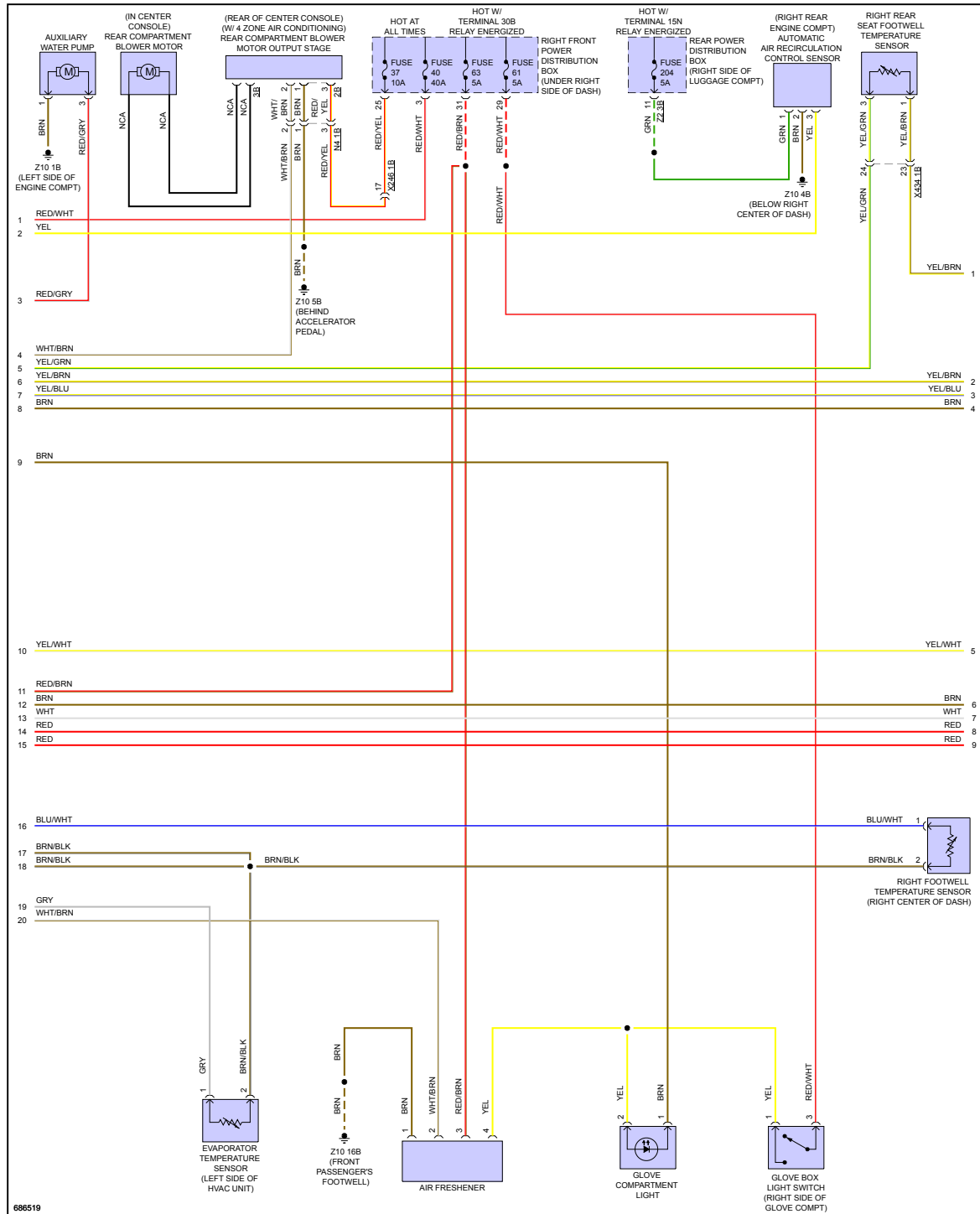


Fig 5: Automatic A/C Circuit, W/ Rear Automatic Climate Control (4 of 6)

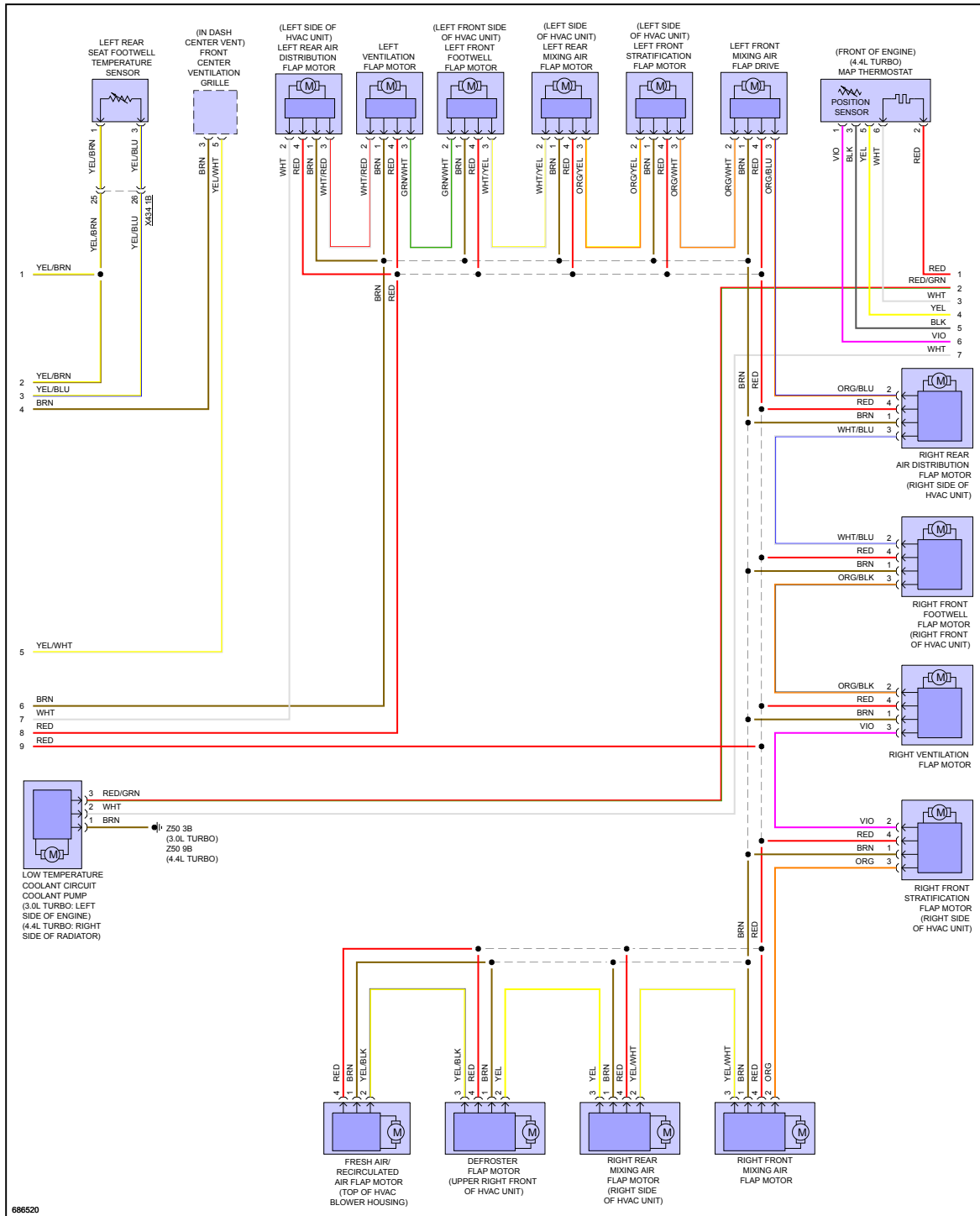


Fig 6: Automatic A/C Circuit, W/ Rear Automatic Climate Control (5 of 6)

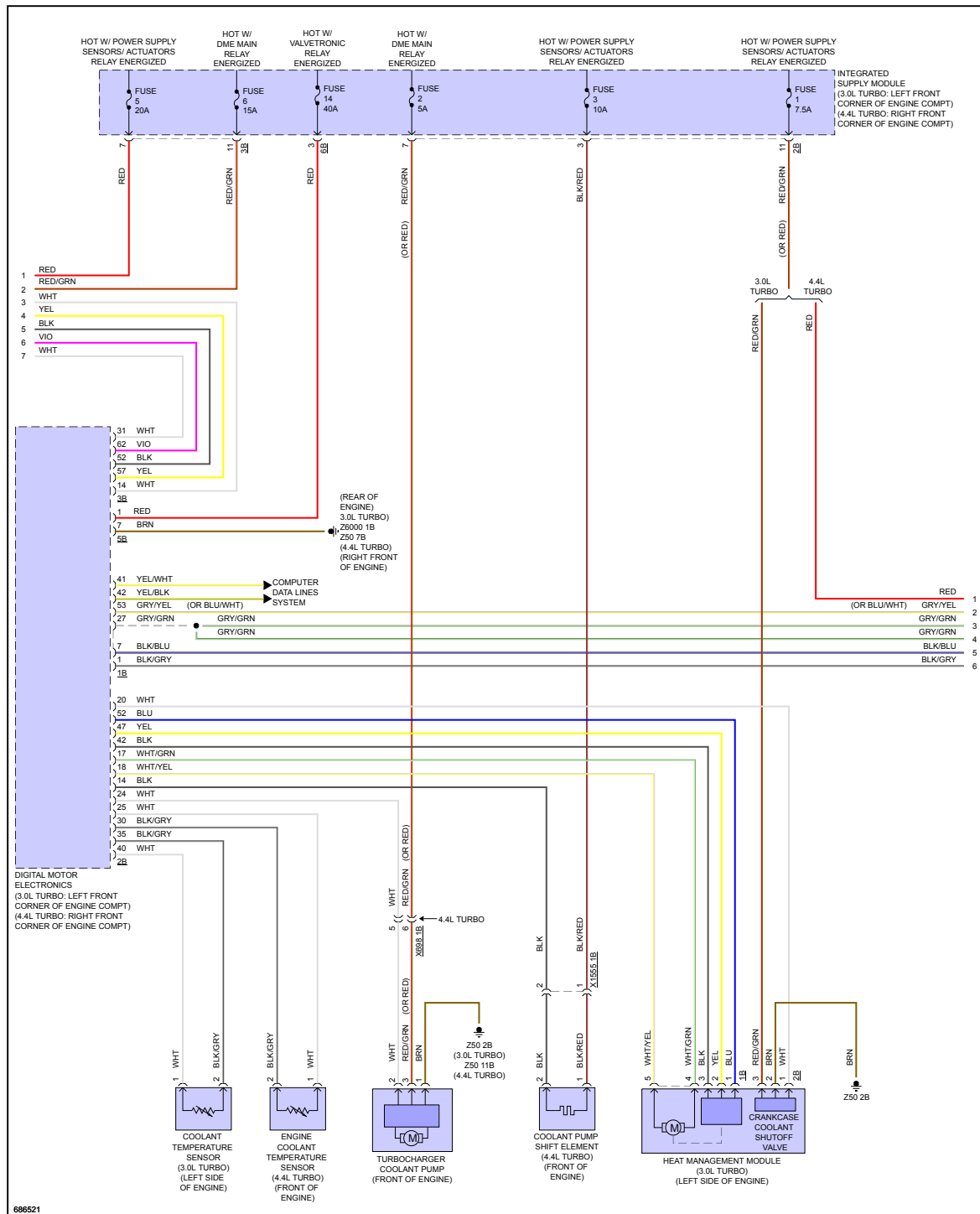


Fig 7: Automatic A/C Circuit, W/ Rear Automatic Climate Control (6 of 6)

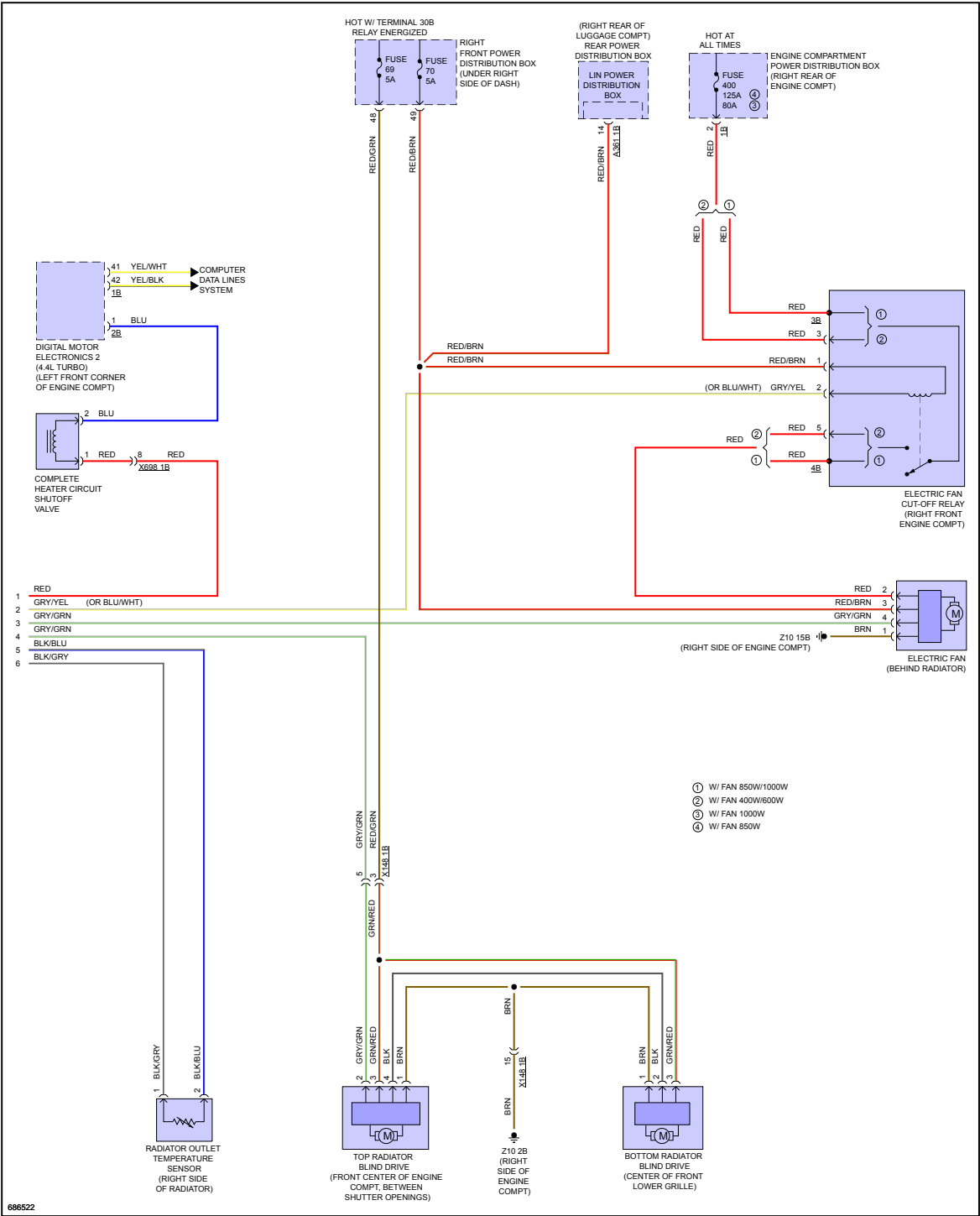


Fig 8: Automatic A/C Circuit, W/O Rear Automatic Climate Control (1 of 6)

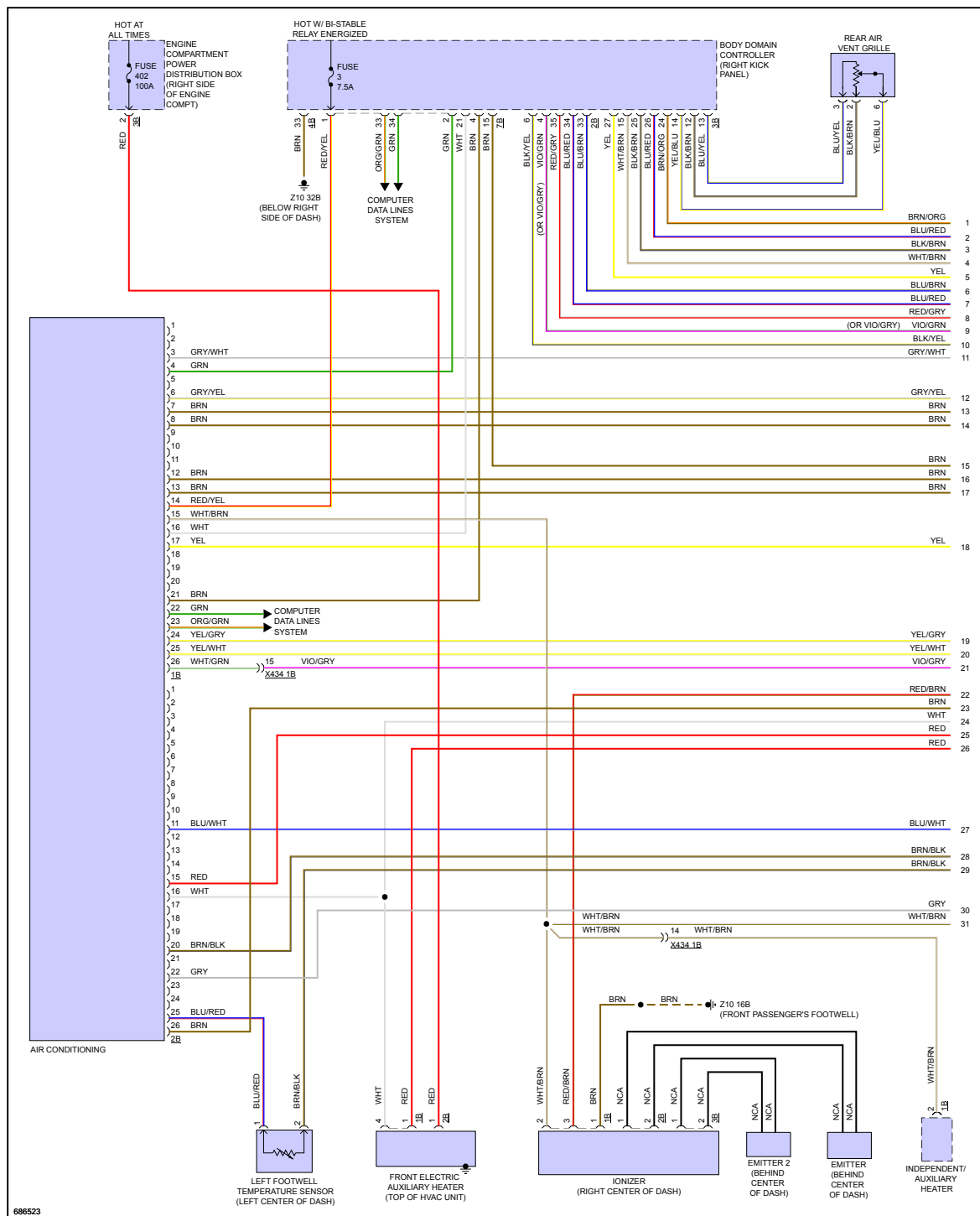


Fig 9: Automatic A/C Circuit, W/O Rear Automatic Climate Control (2 of 6)

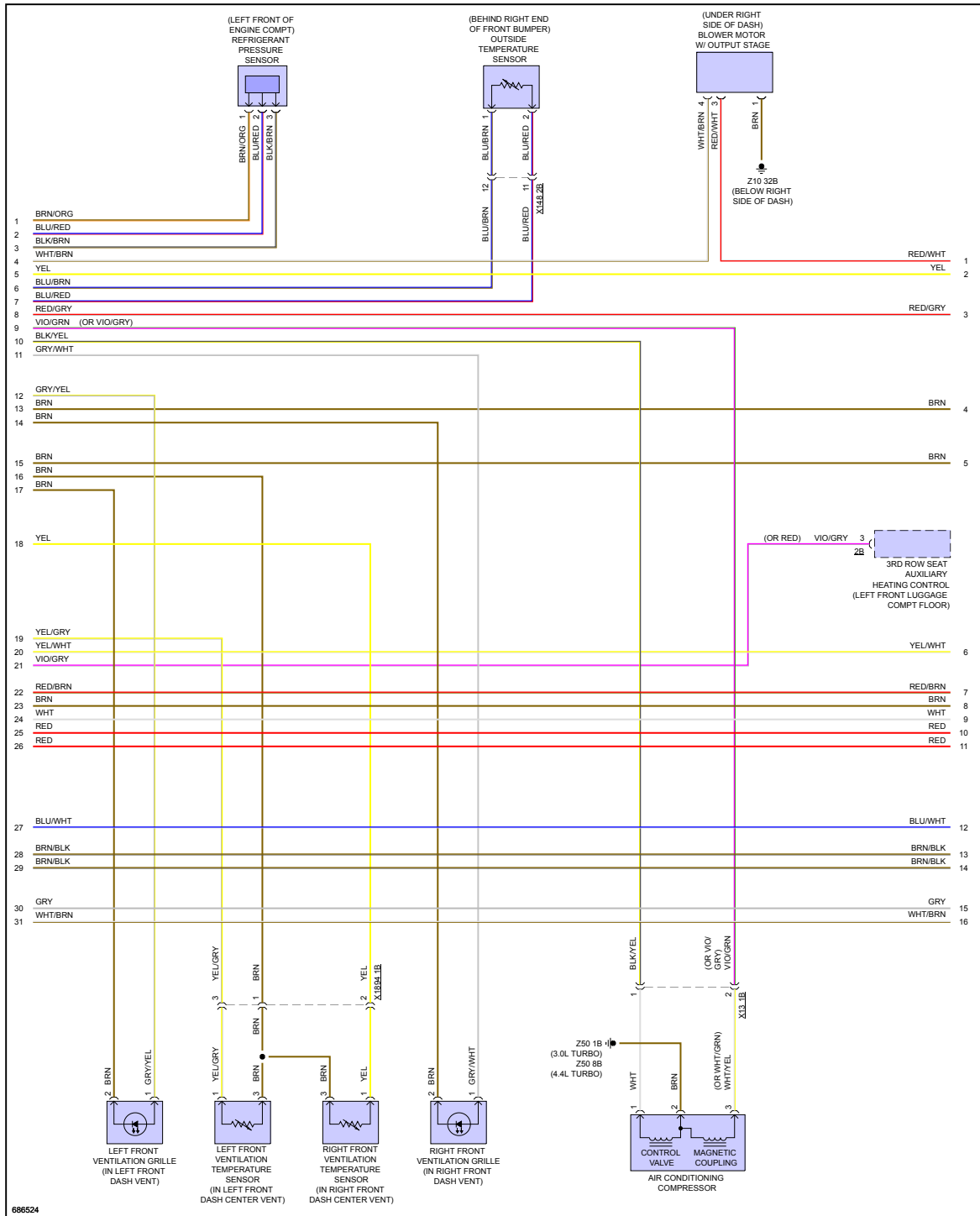


Fig 10: Automatic A/C Circuit, W/O Rear Automatic Climate Control (3 of 6)

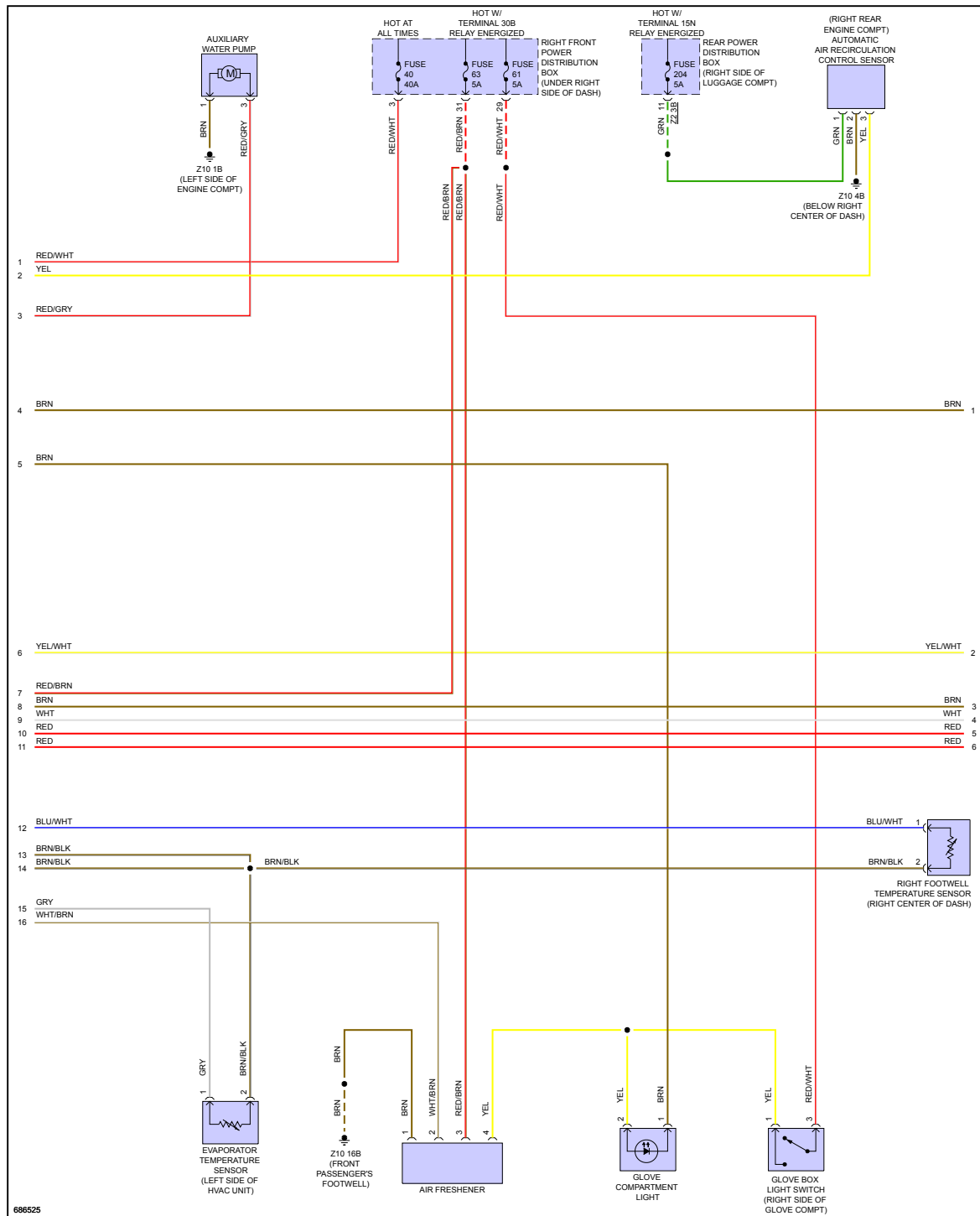


Fig 11: Automatic A/C Circuit, W/O Rear Automatic Climate Control (4 of 6)

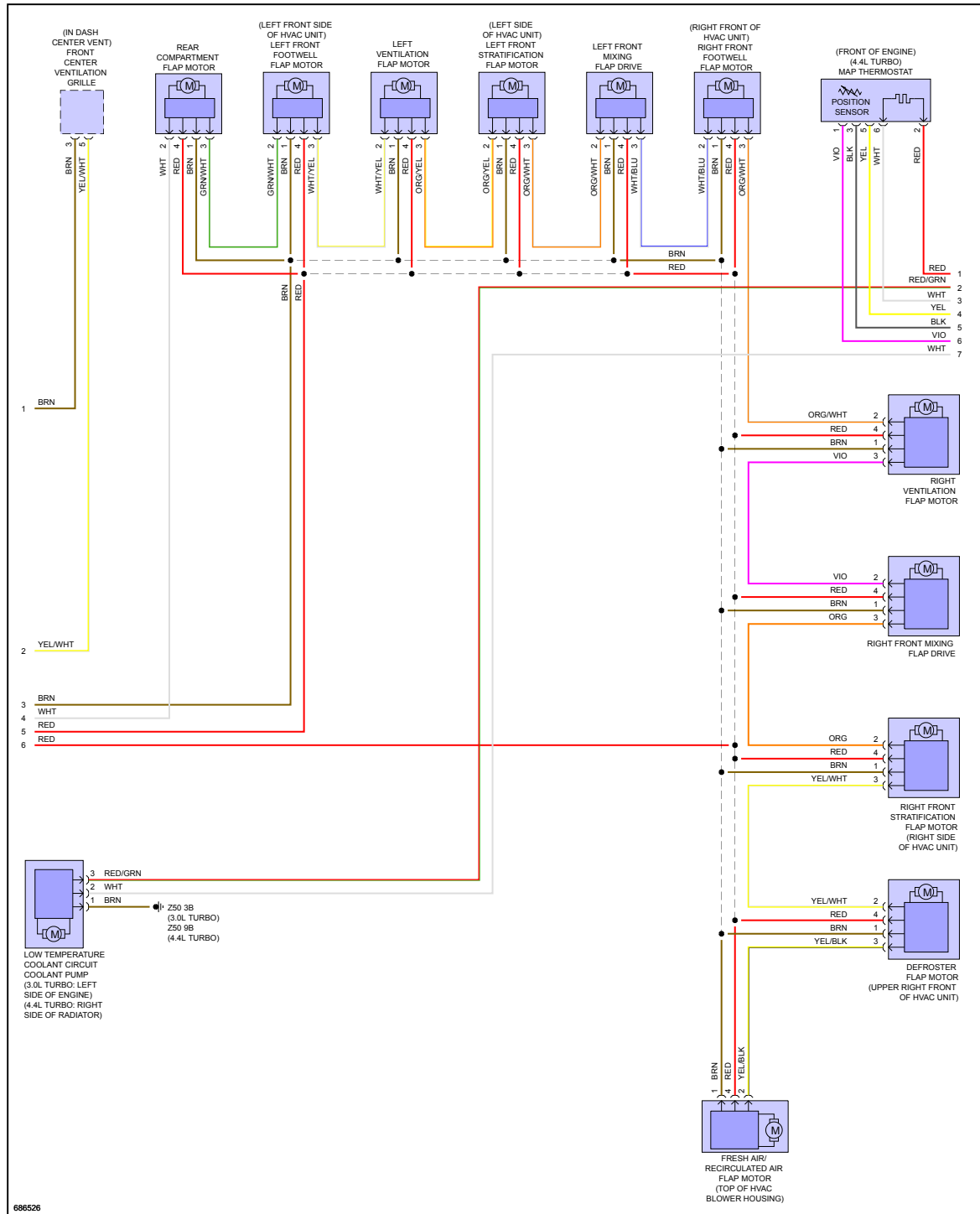


Fig 12: Automatic A/C Circuit, W/O Rear Automatic Climate Control (5 of 6)

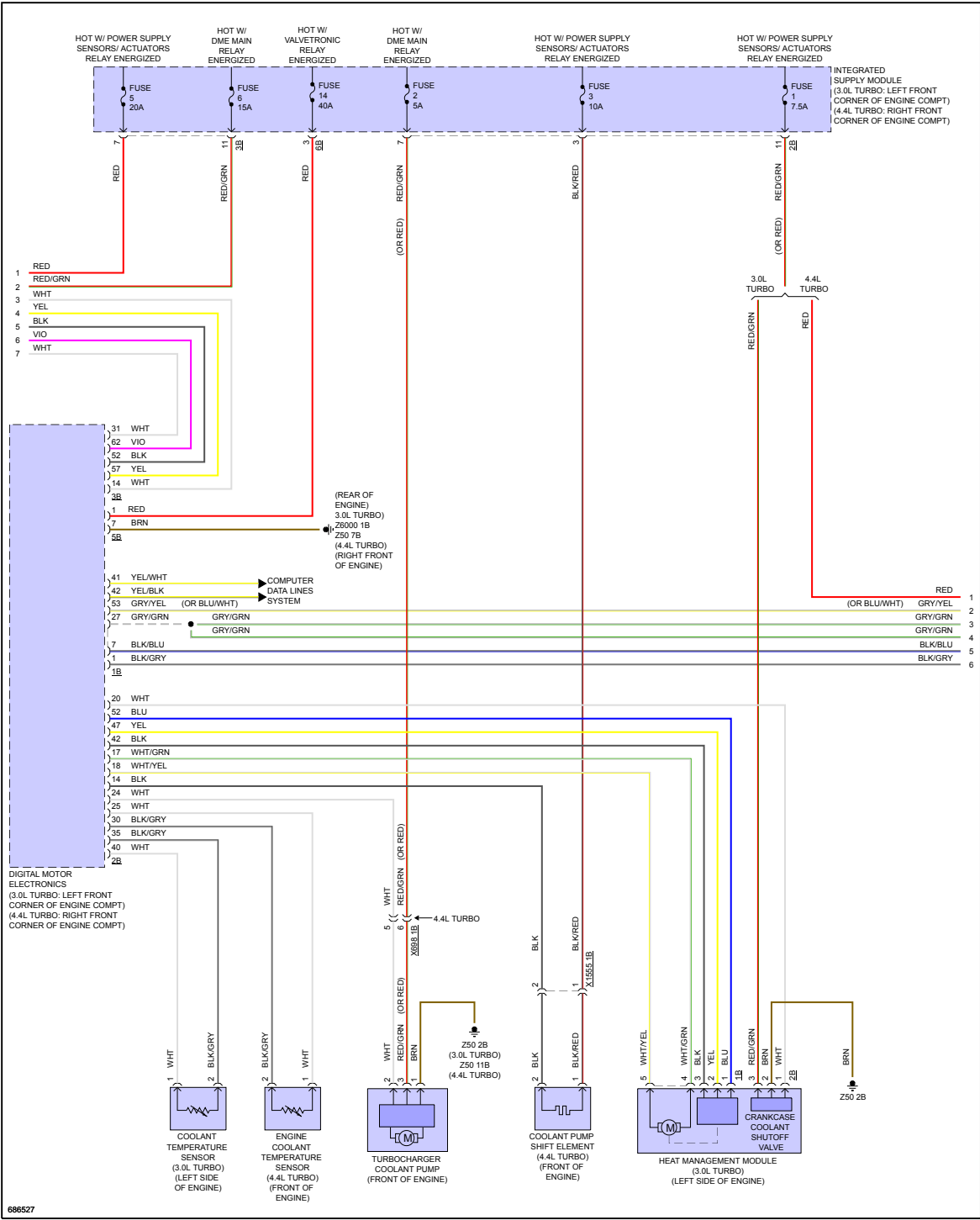


Fig 13: Automatic A/C Circuit, W/O Rear Automatic Climate Control (6 of 6)

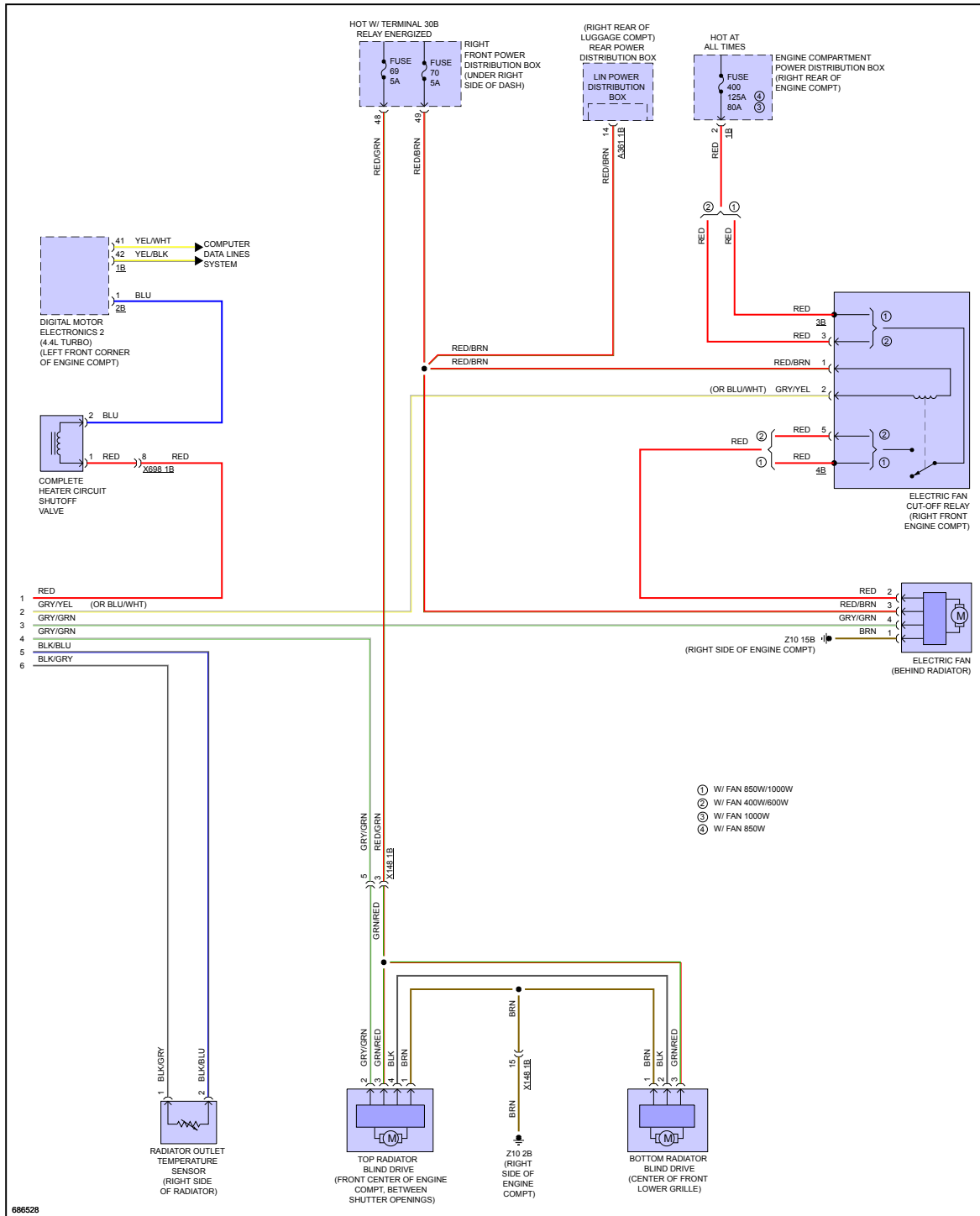
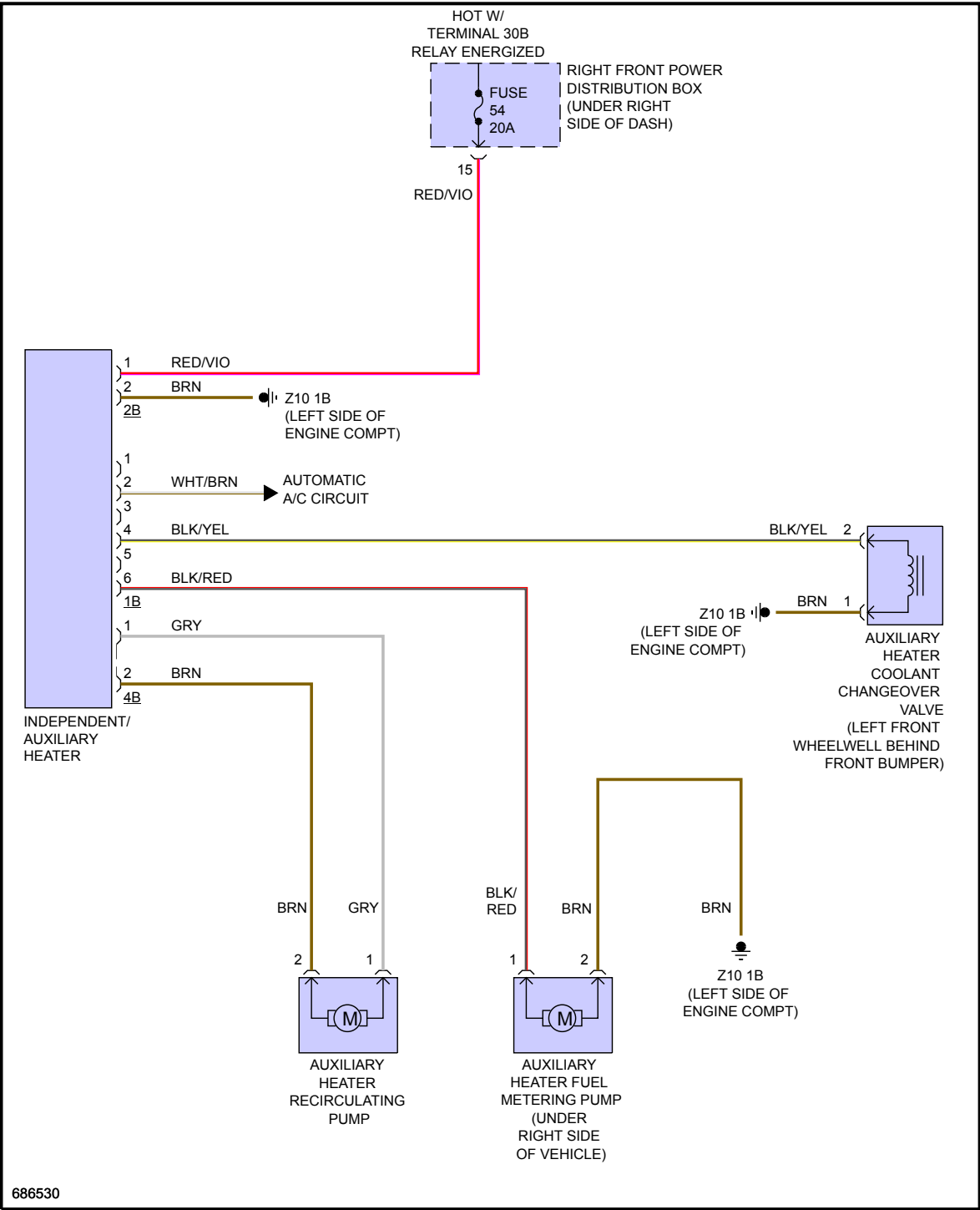


Fig 14: Independent Heating Circuit



ANTI-LOCK BRAKES

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

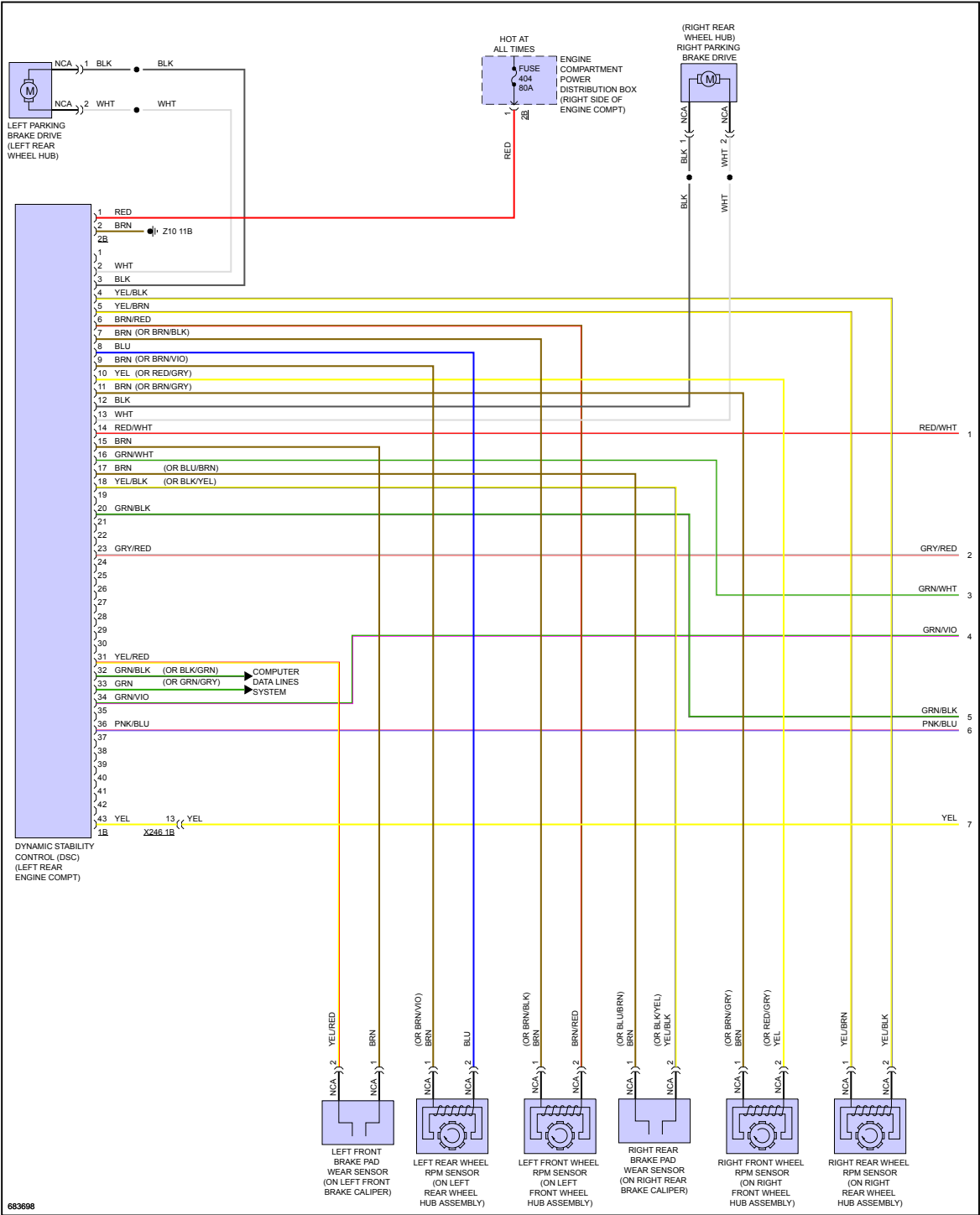


Fig 2: Anti-lock Brakes Circuit (2 of 2)

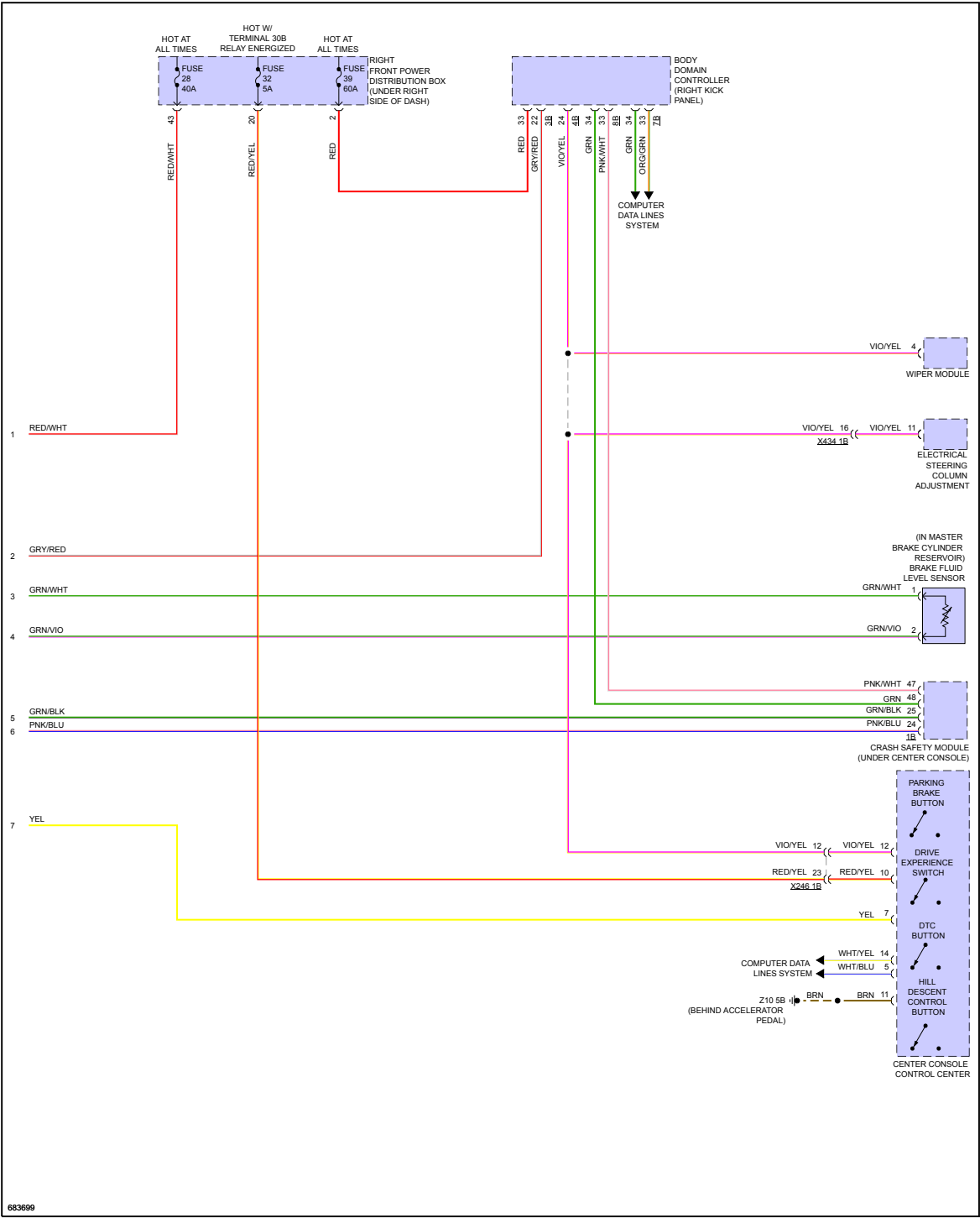


Fig 1: Access/Start Circuit (1 of 2)



Fig 2: Access/Start Circuit (2 of 2)

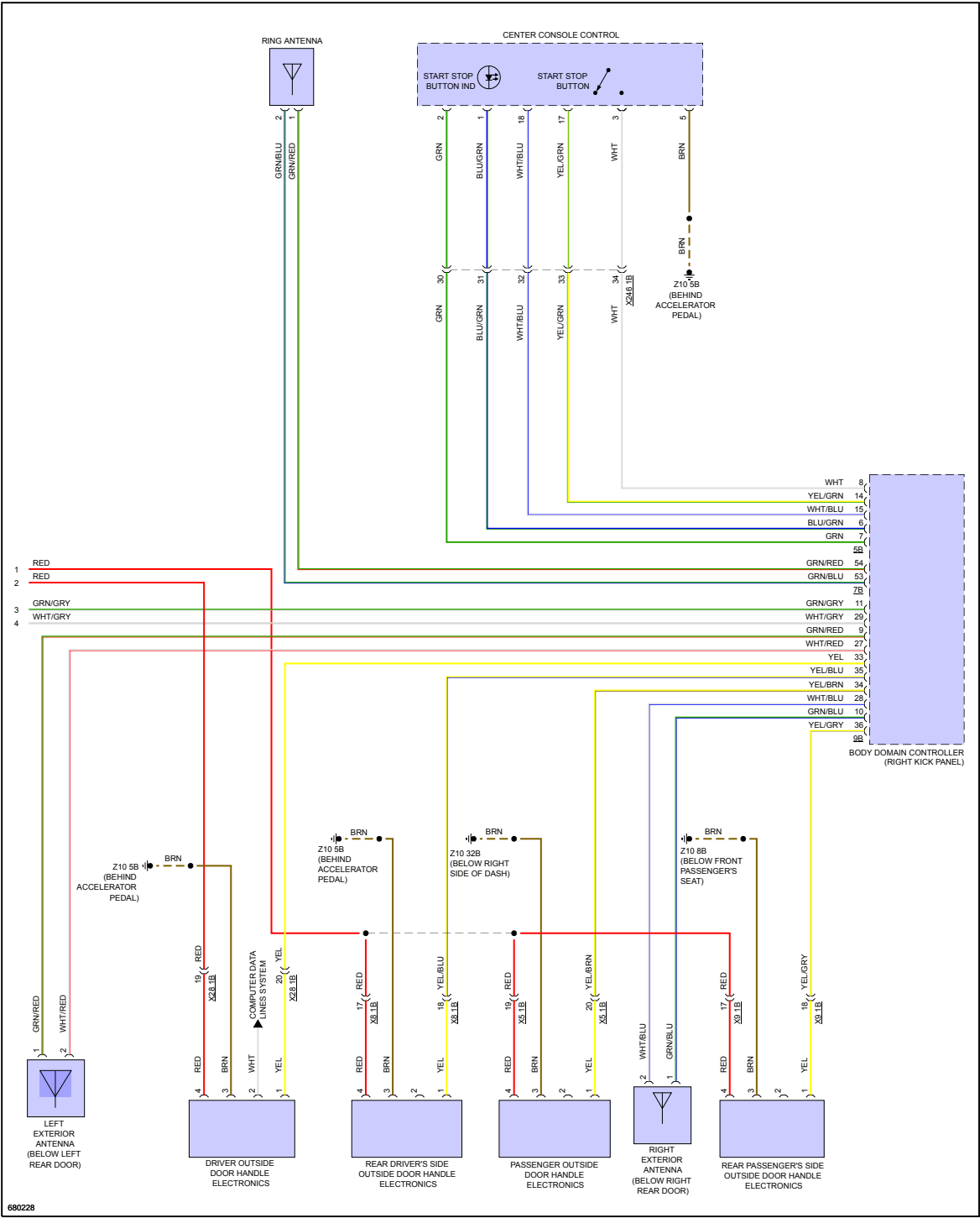


Fig 3: Anti-theft & Central Locking Circuit (1 of 5)

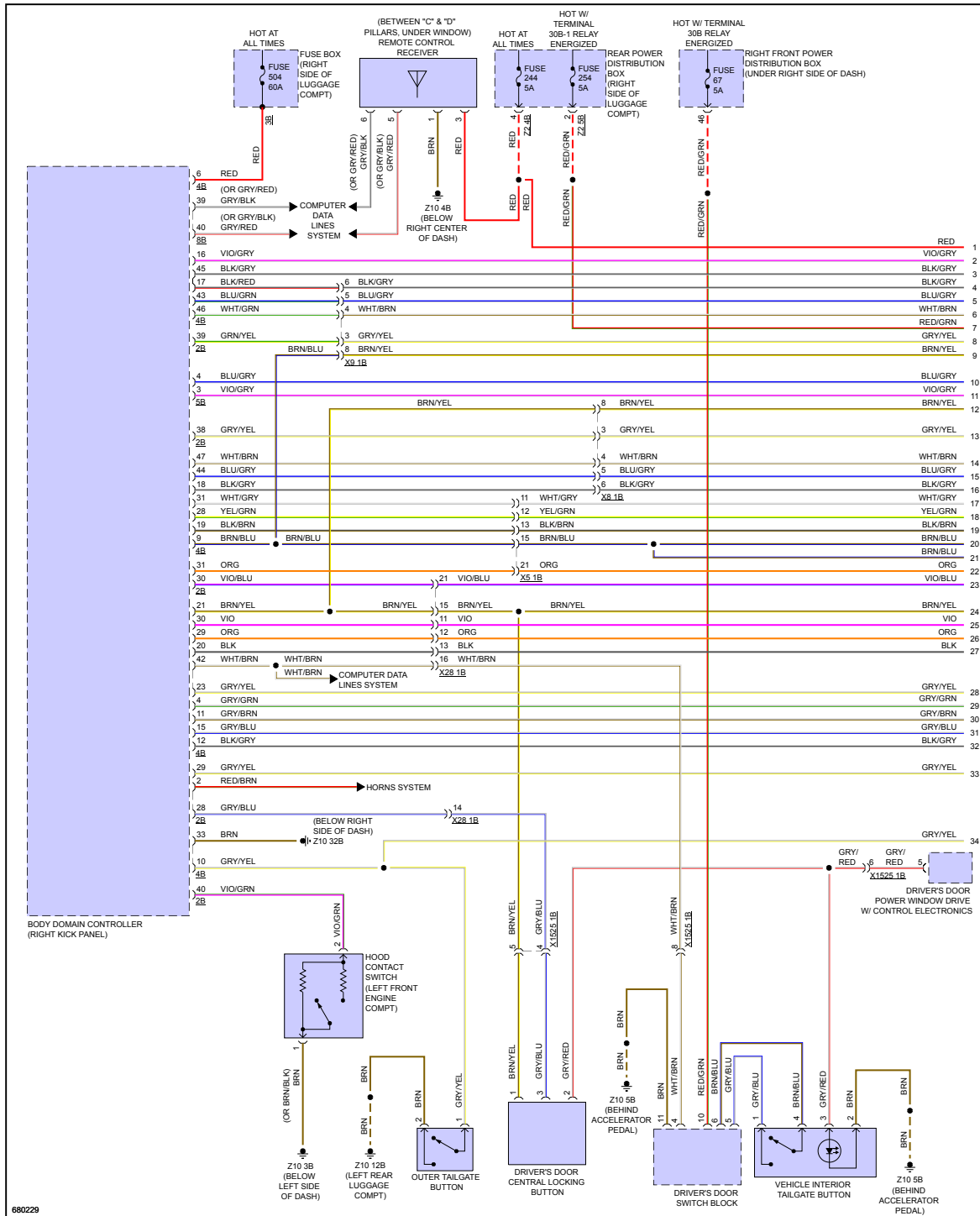


Fig 4: Anti-theft & Central Locking Circuit (2 of 5)

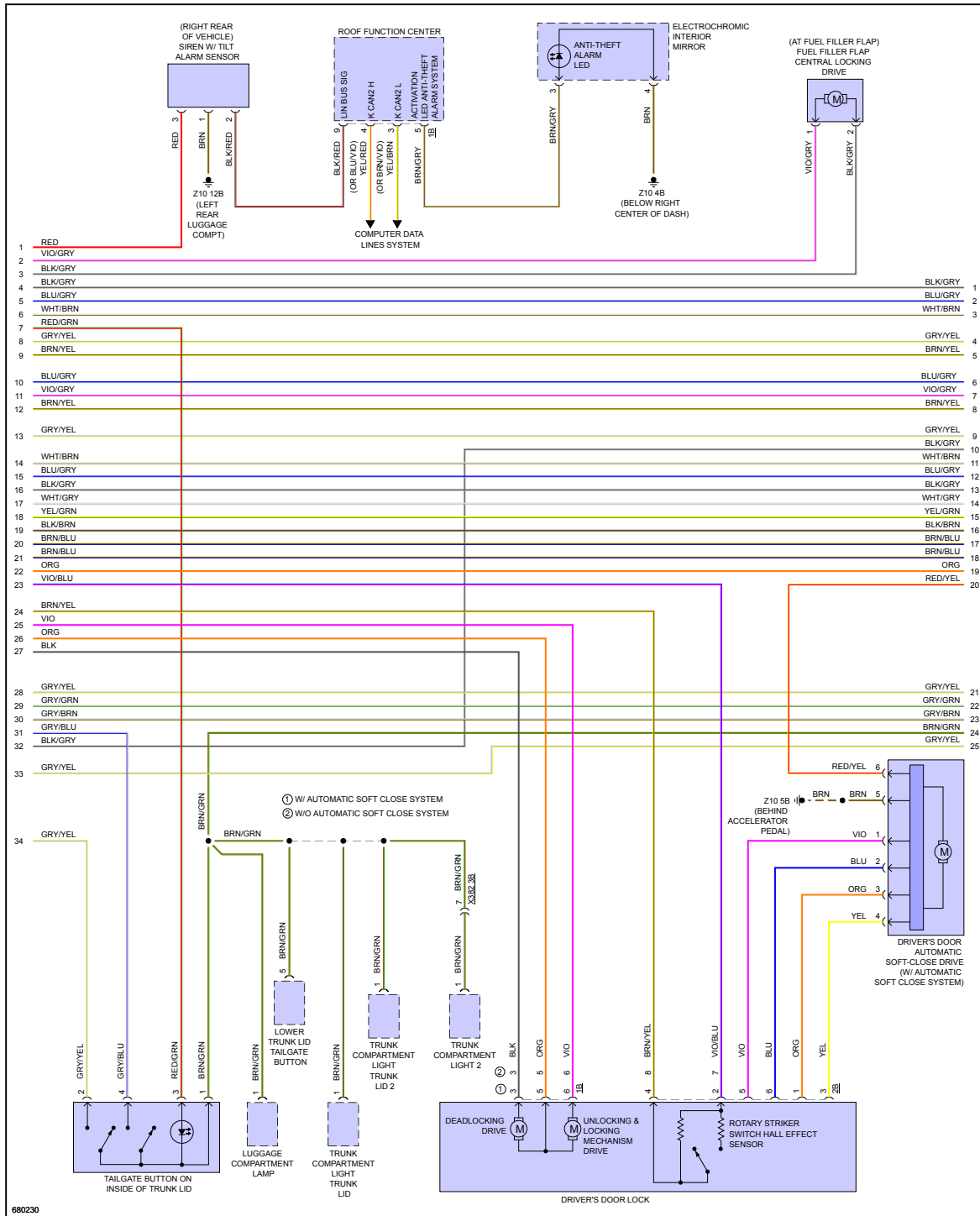


Fig 5: Anti-theft & Central Locking Circuit (3 of 5)

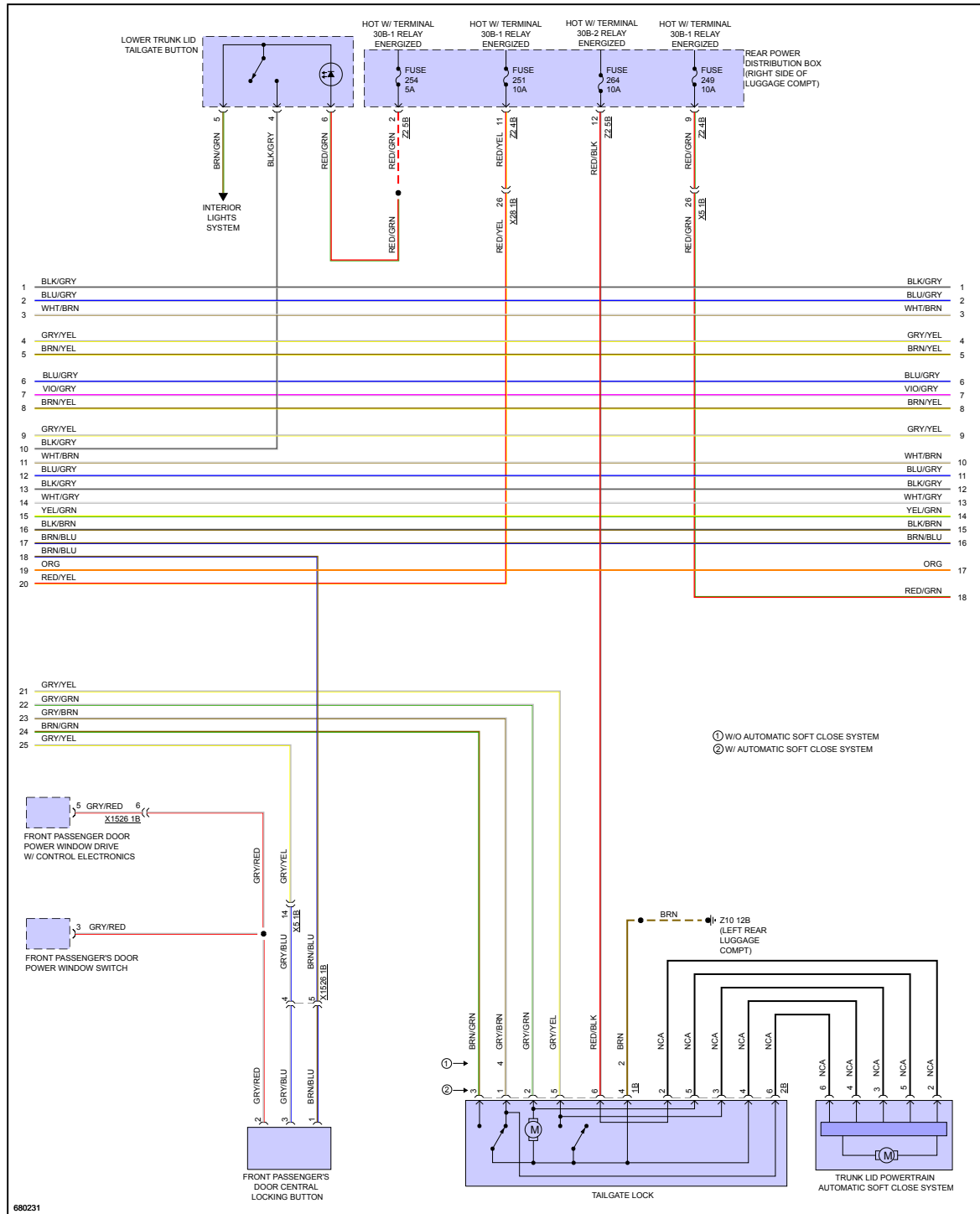


Fig 6: Anti-theft & Central Locking Circuit (4 of 5)

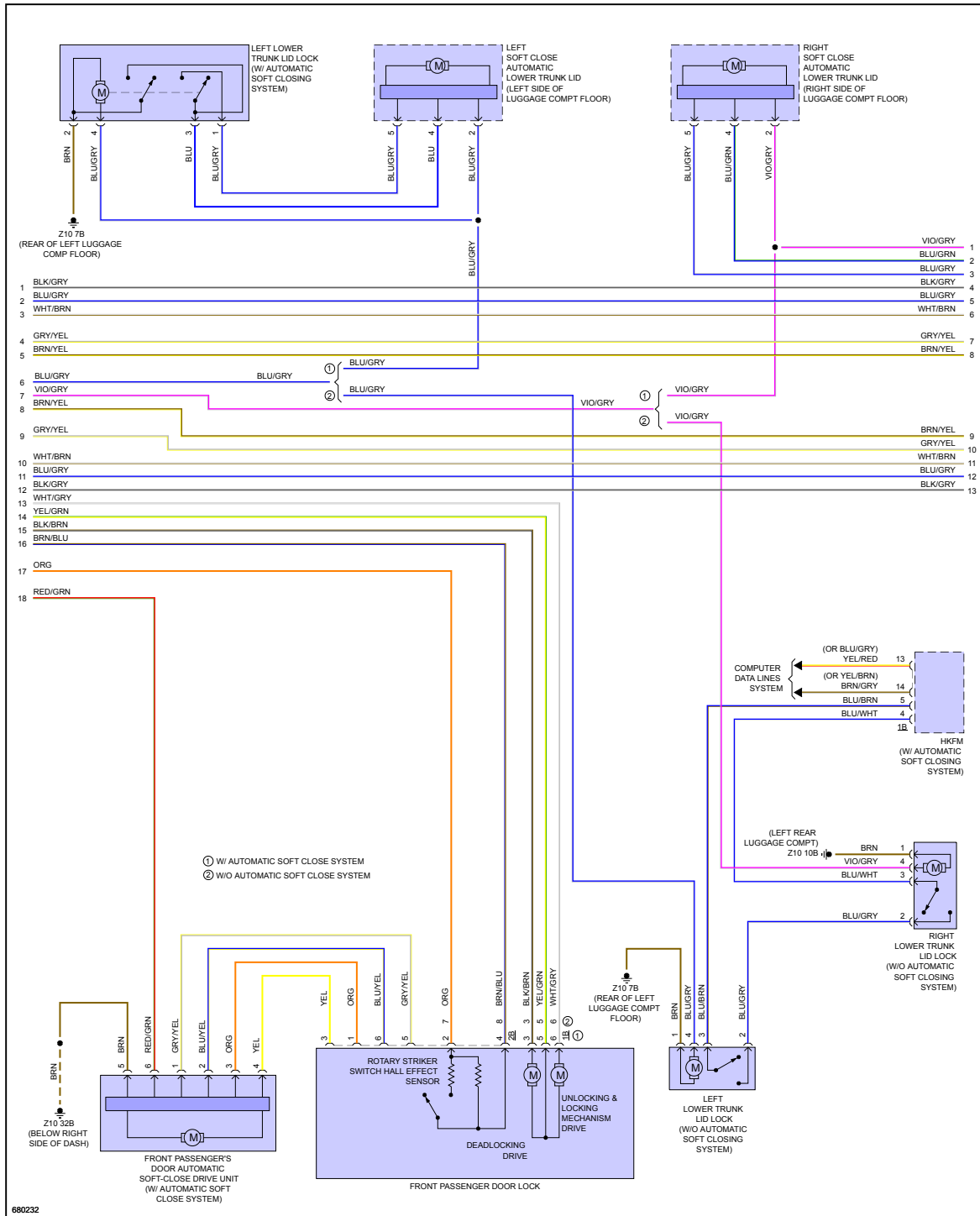
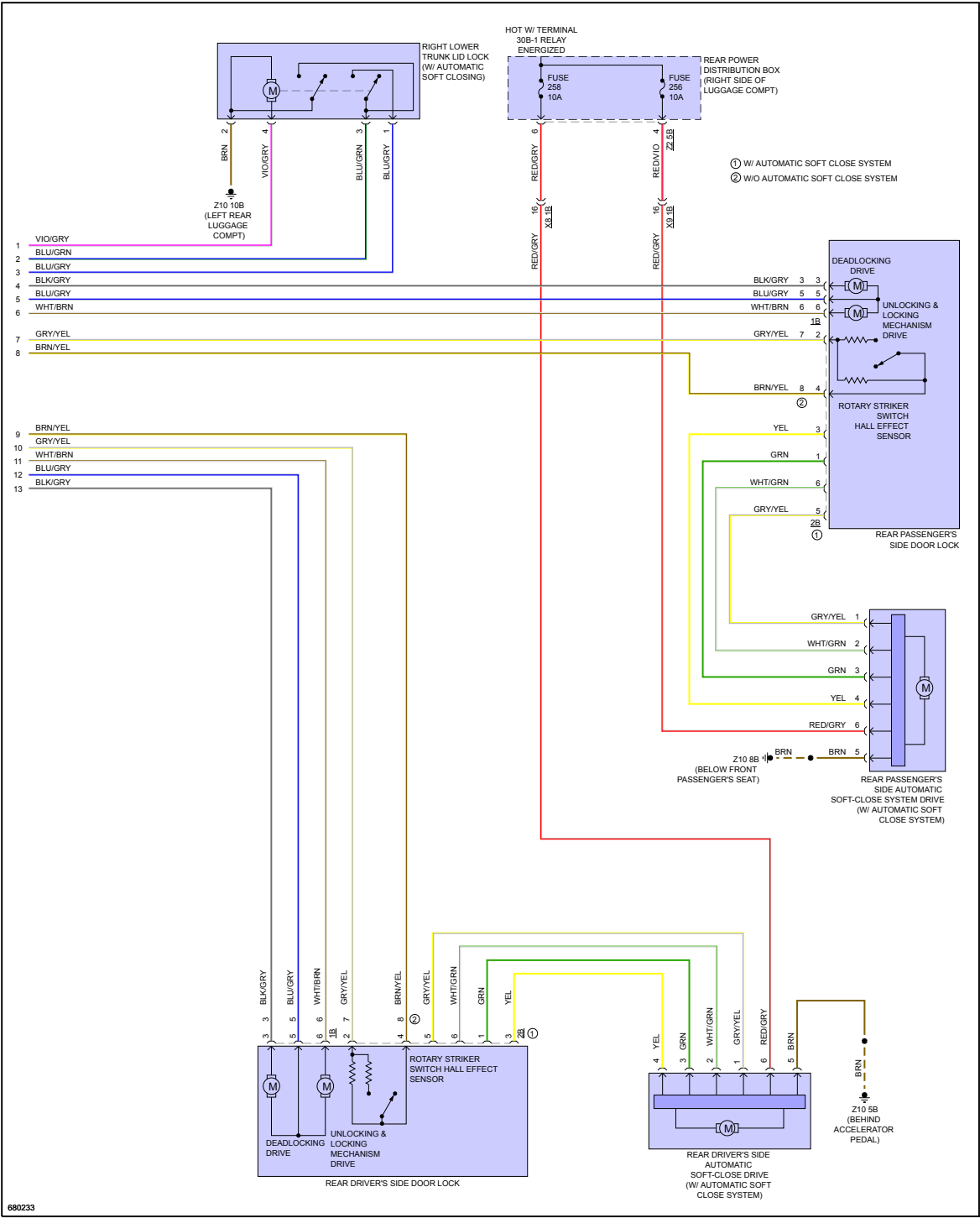


Fig 7: Anti-theft & Central Locking Circuit (5 of 5)



BODY CONTROL MODULES

Fig 1: Body Control Modules Circuit (1 of 3)

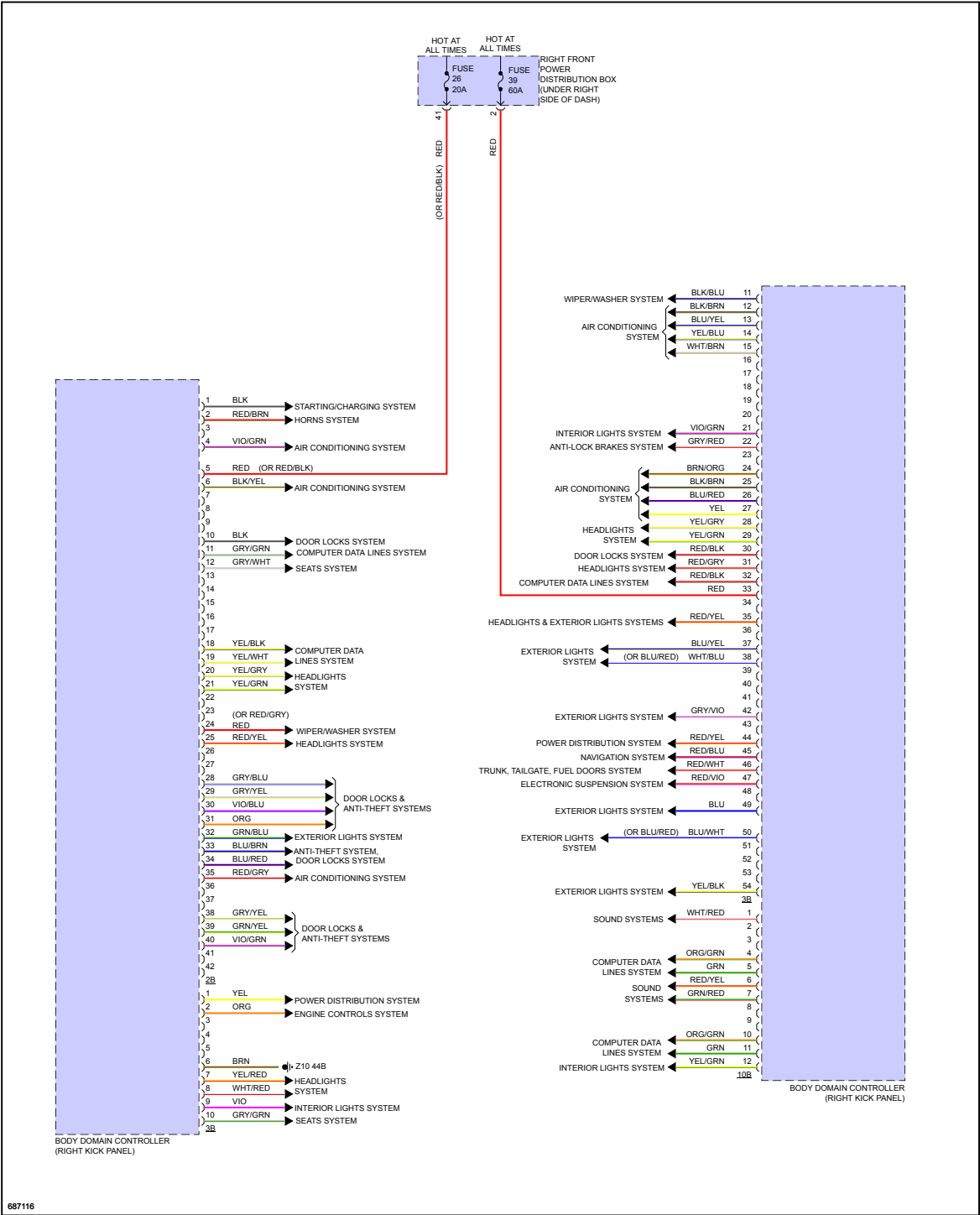


Fig 2: Body Control Modules Circuit (2 of 3)

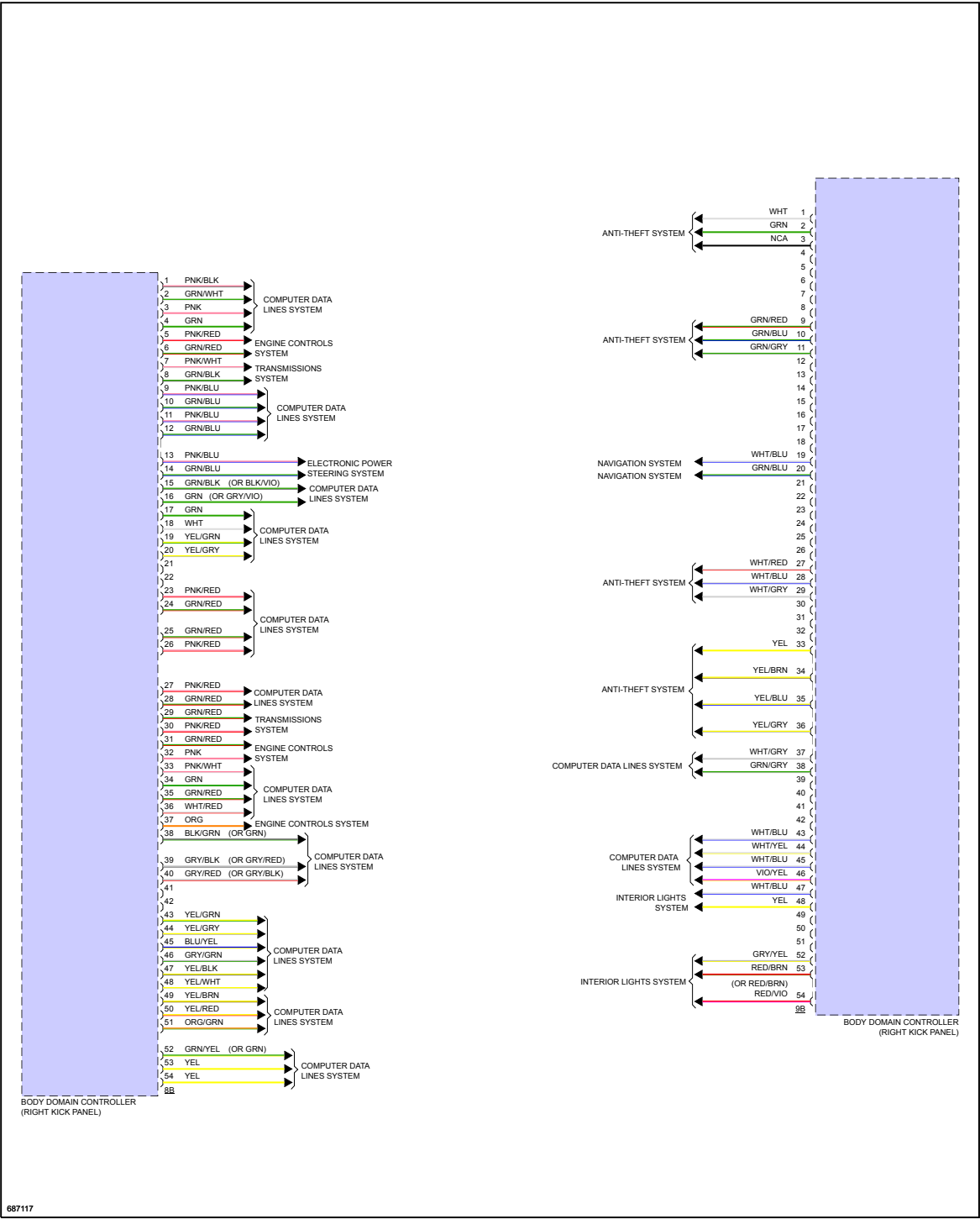
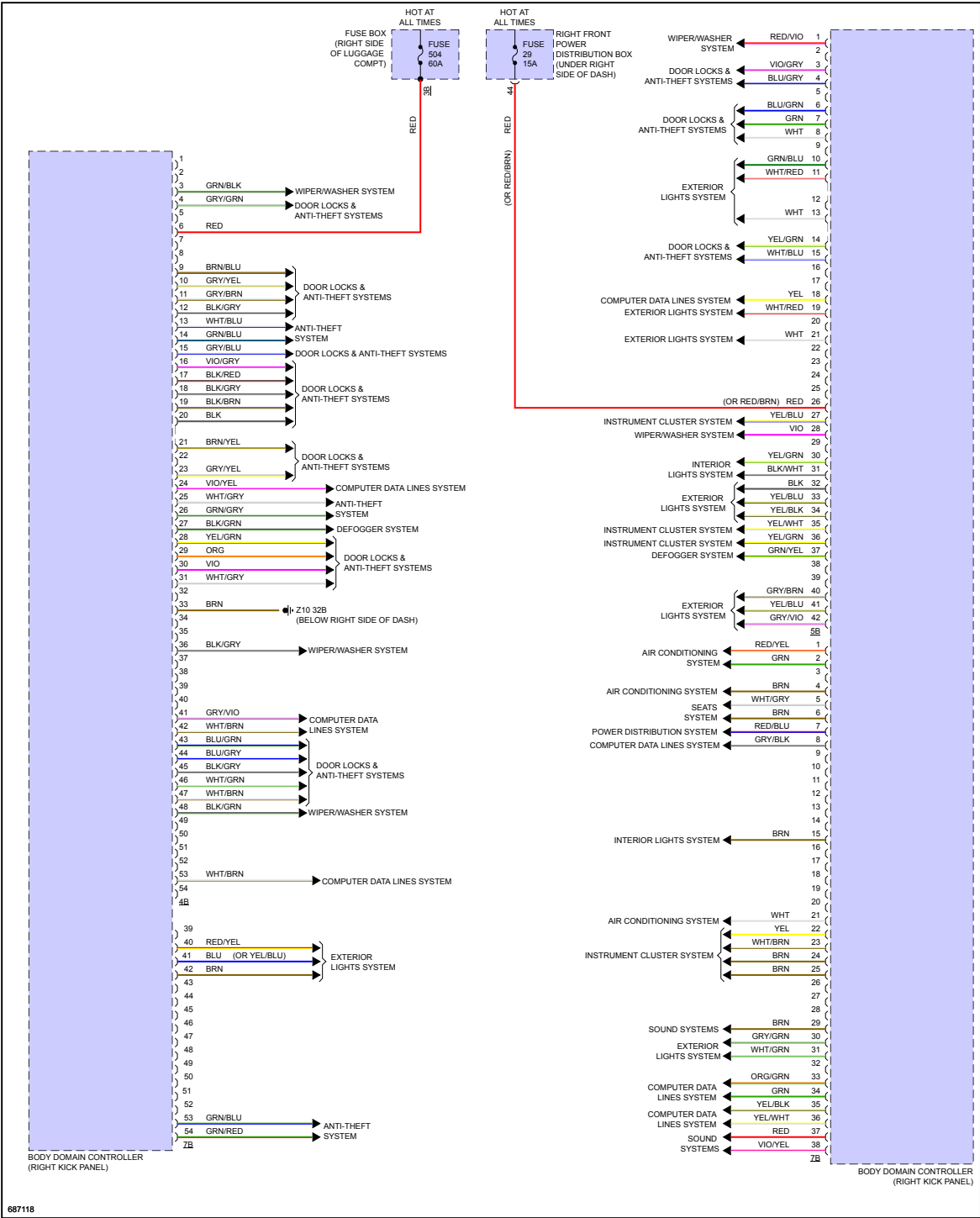


Fig 3: Body Control Modules Circuit (3 of 3)



COMPUTER DATA LINES

Fig 1: Data Link Connector Circuit

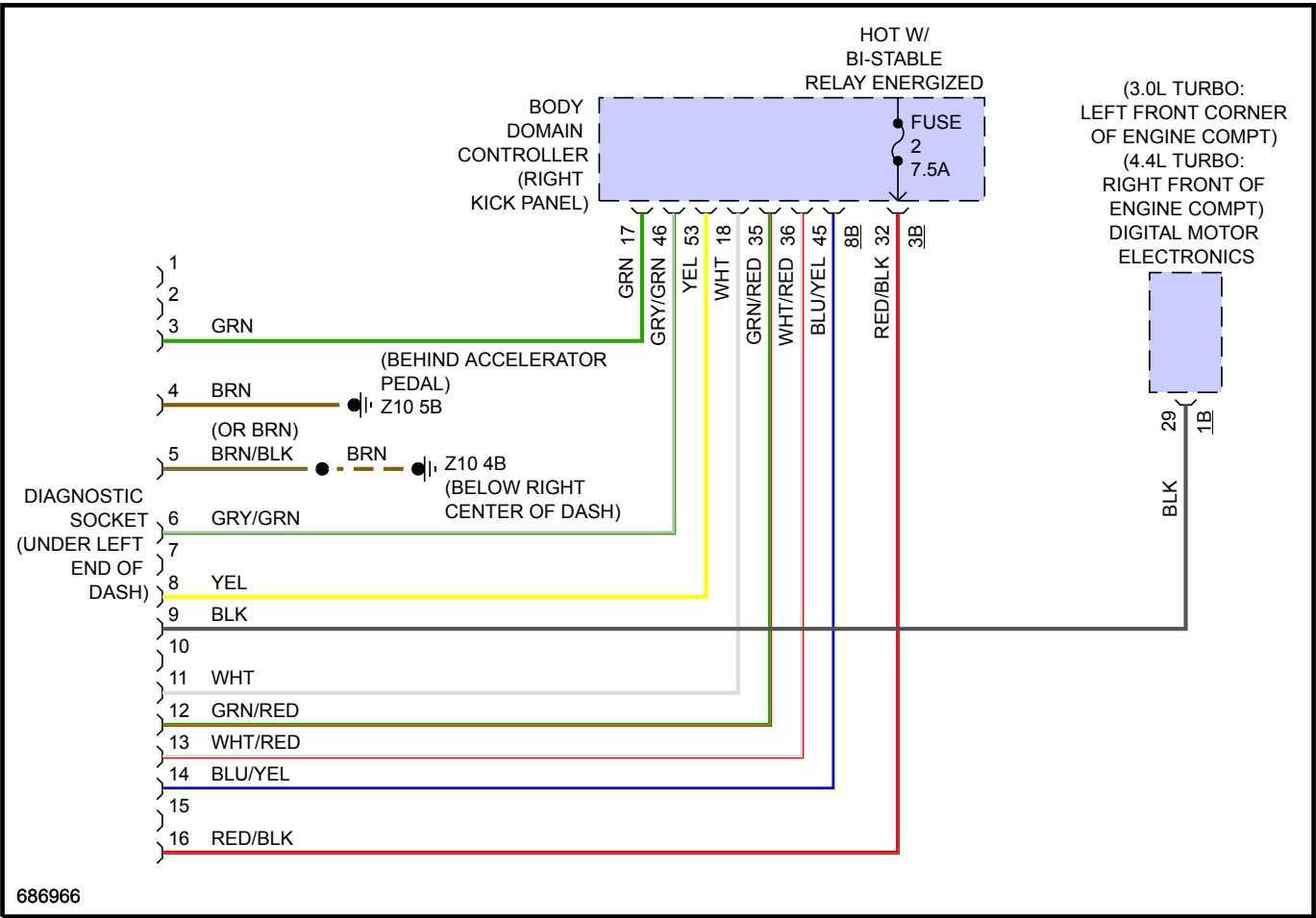


Fig 2: High/Low Bus Circuit (1 of 10)

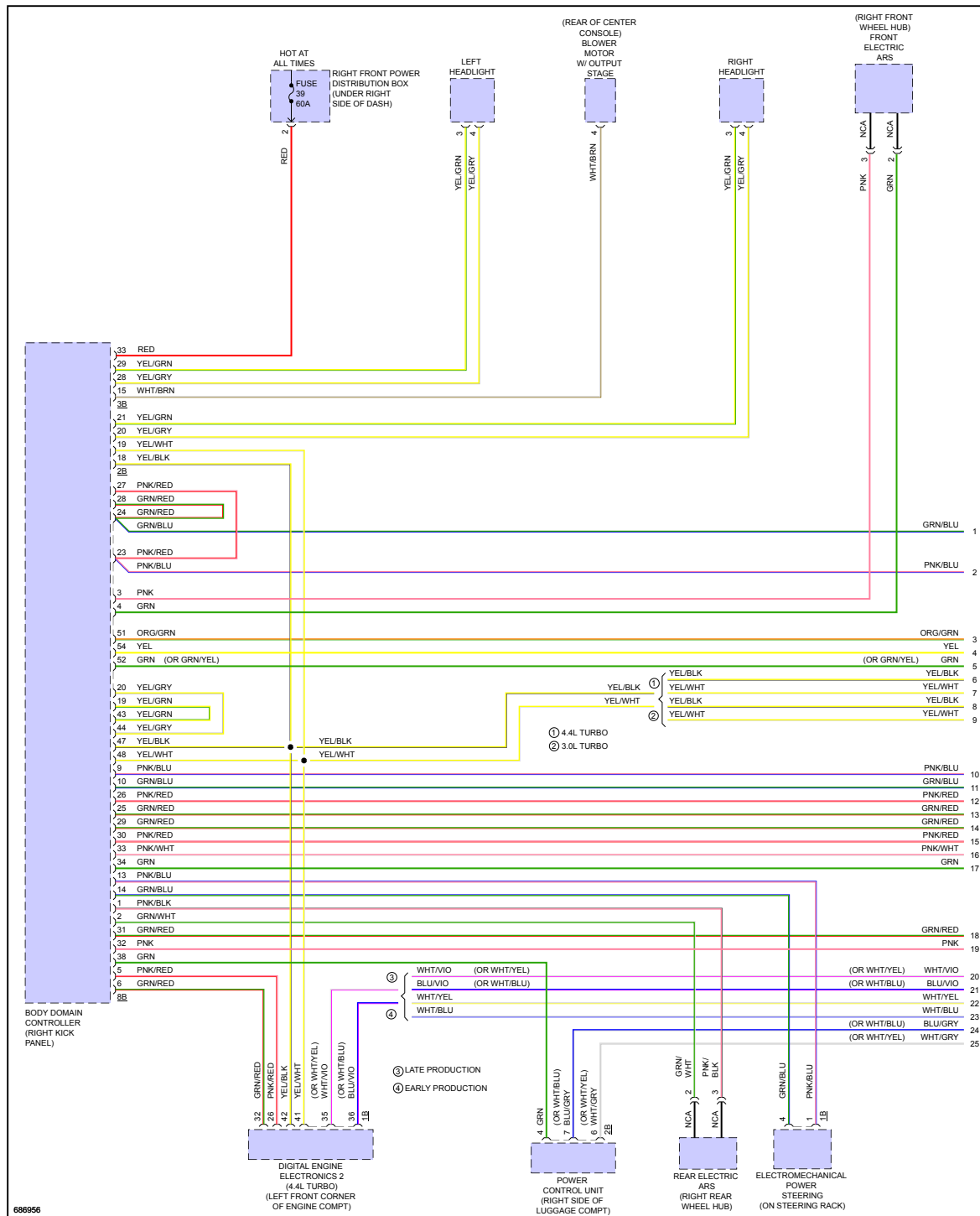


Fig 3: High/Low Bus Circuit (2 of 10)

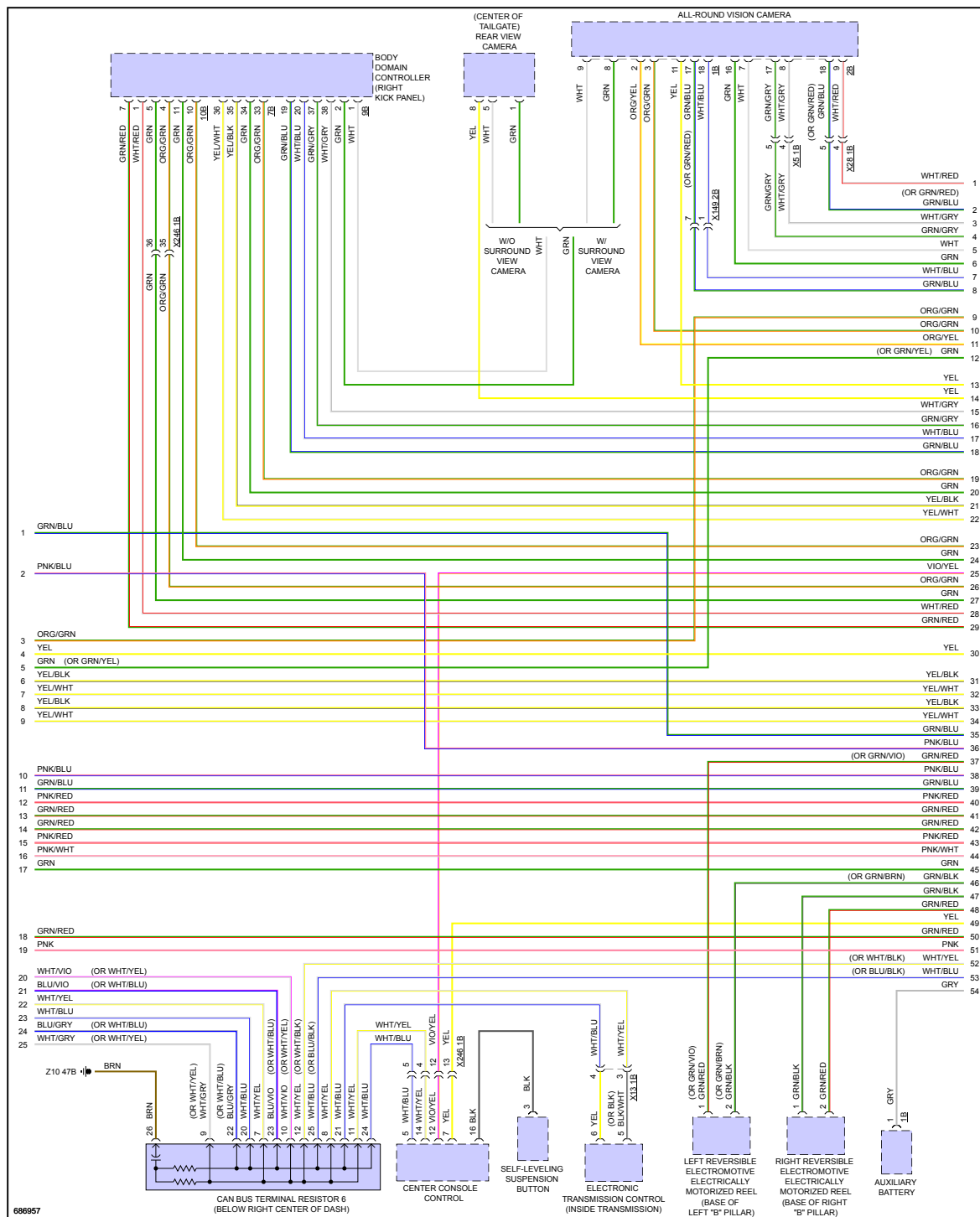


Fig 4: High/Low Bus Circuit (3 of 10)



Fig 5: High/Low Bus Circuit (4 of 10)

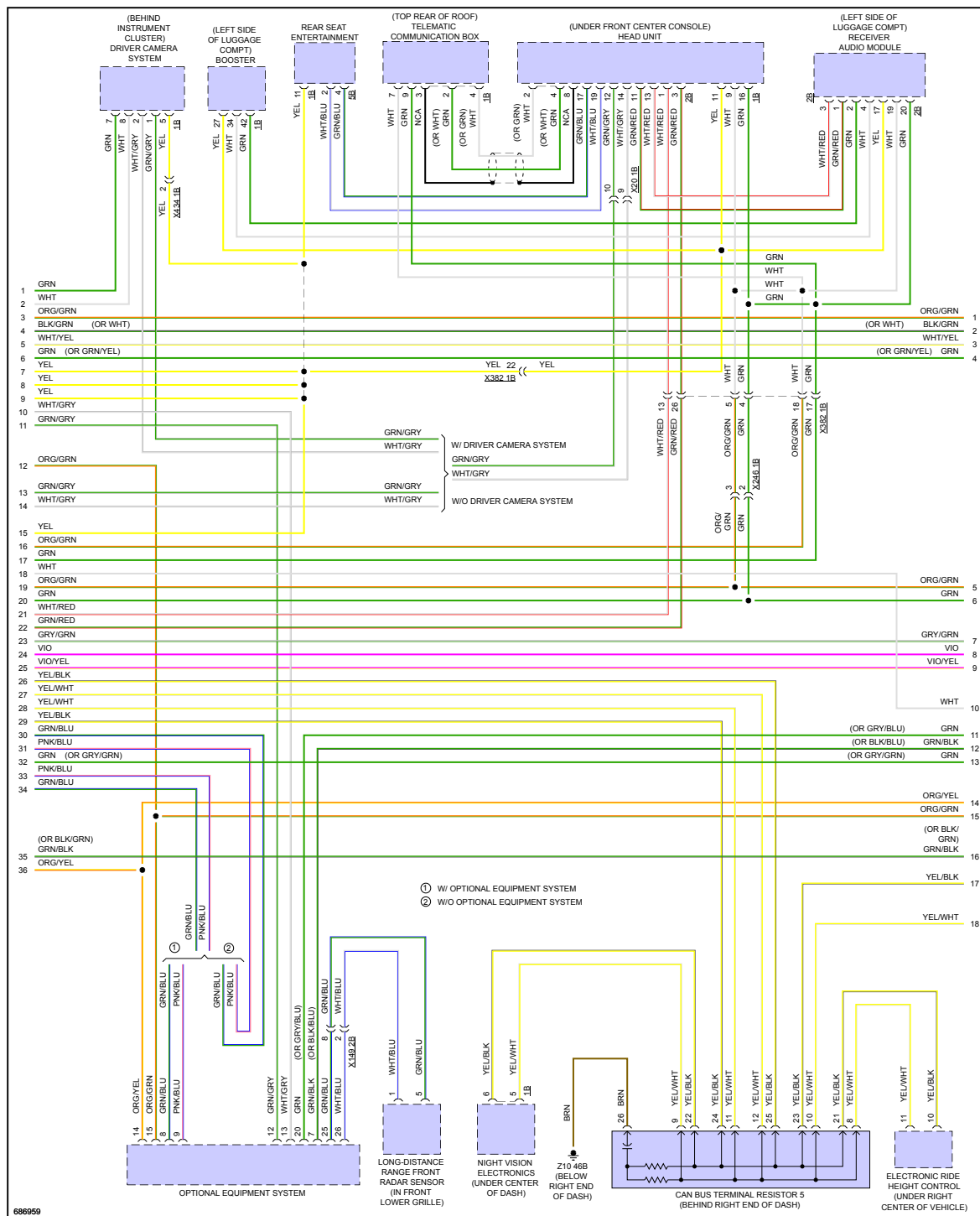


Fig 6: High/Low Bus Circuit (5 of 10)

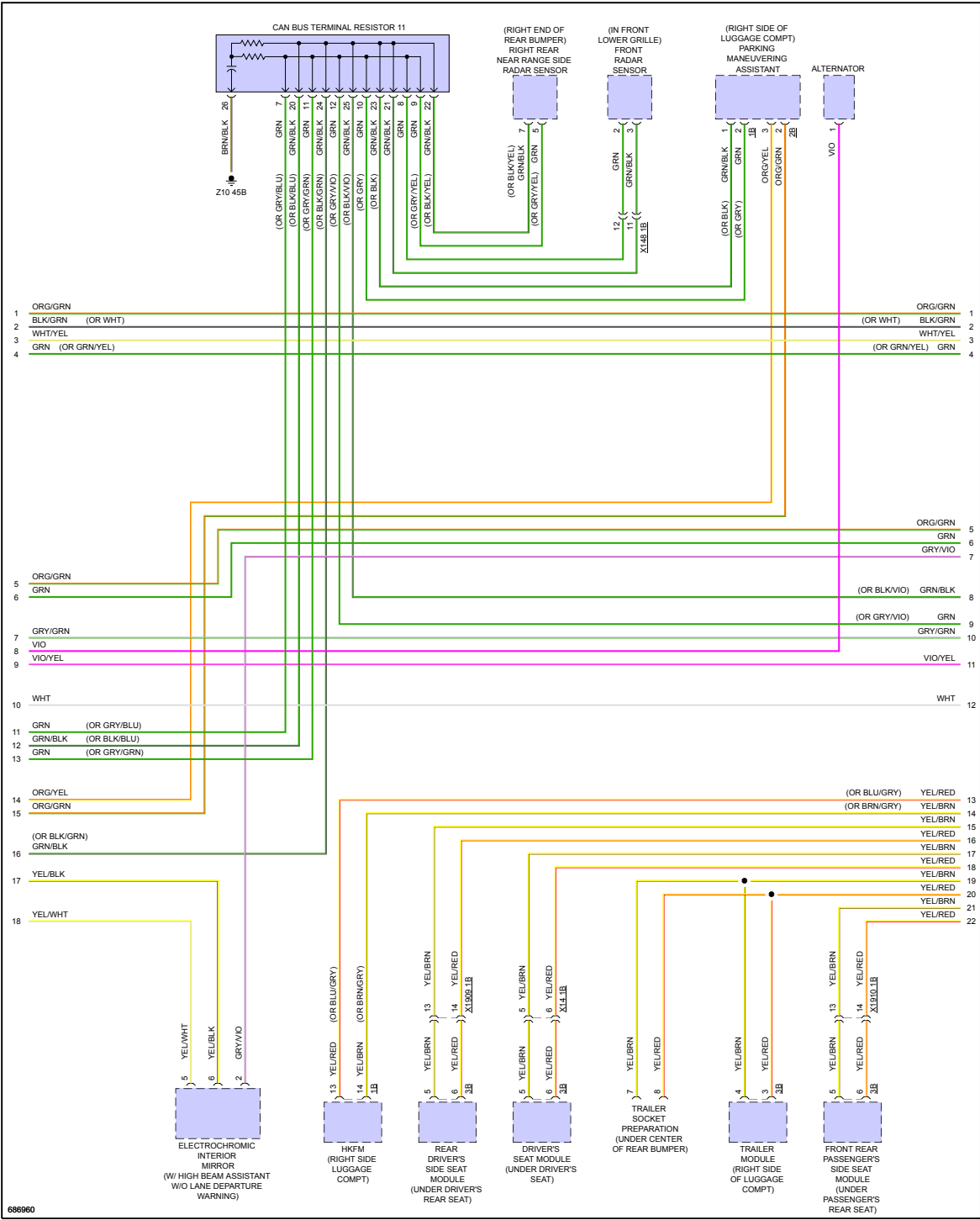


Fig 7: High/Low Bus Circuit (6 of 10)

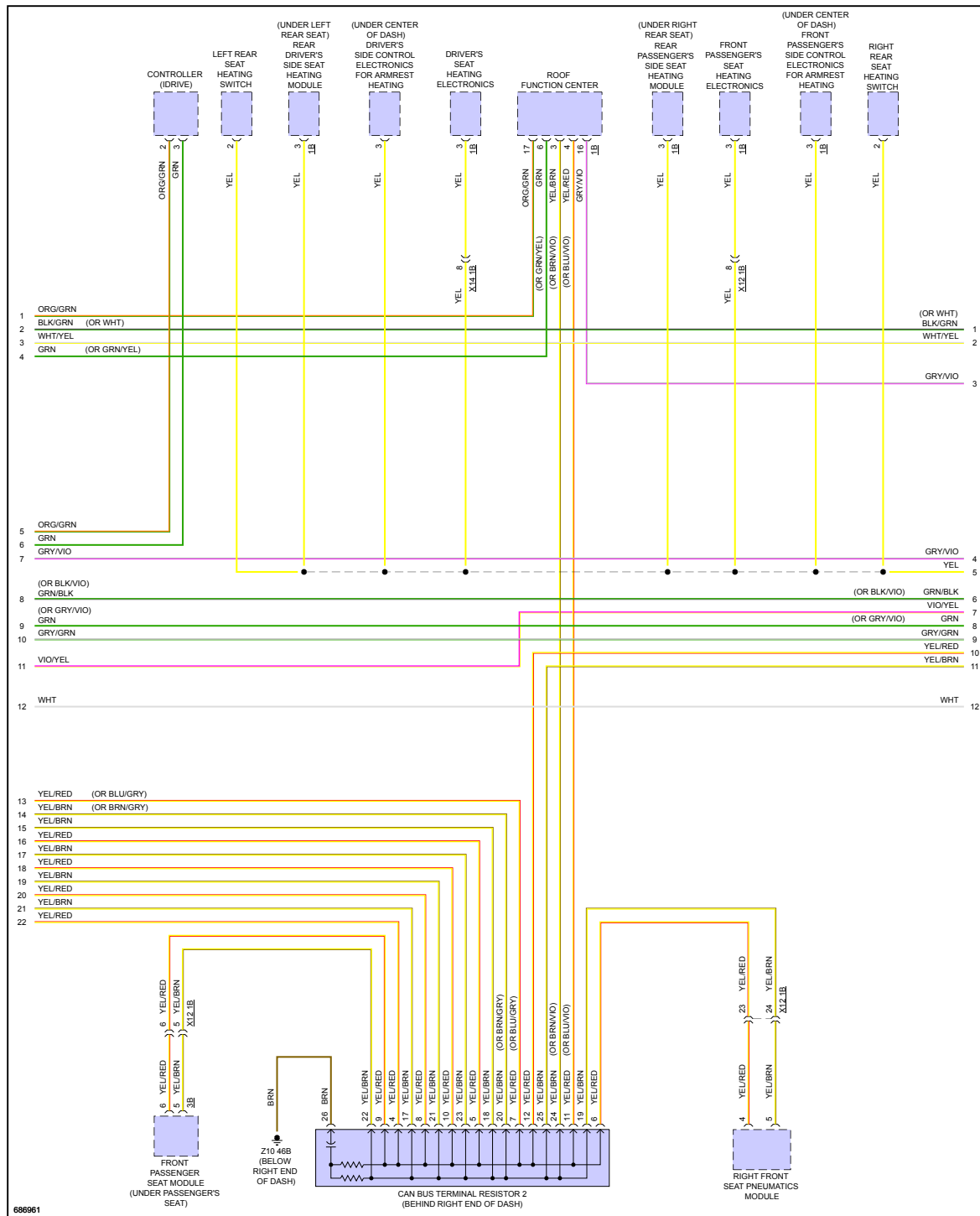


Fig 8: High/Low Bus Circuit (7 of 10)

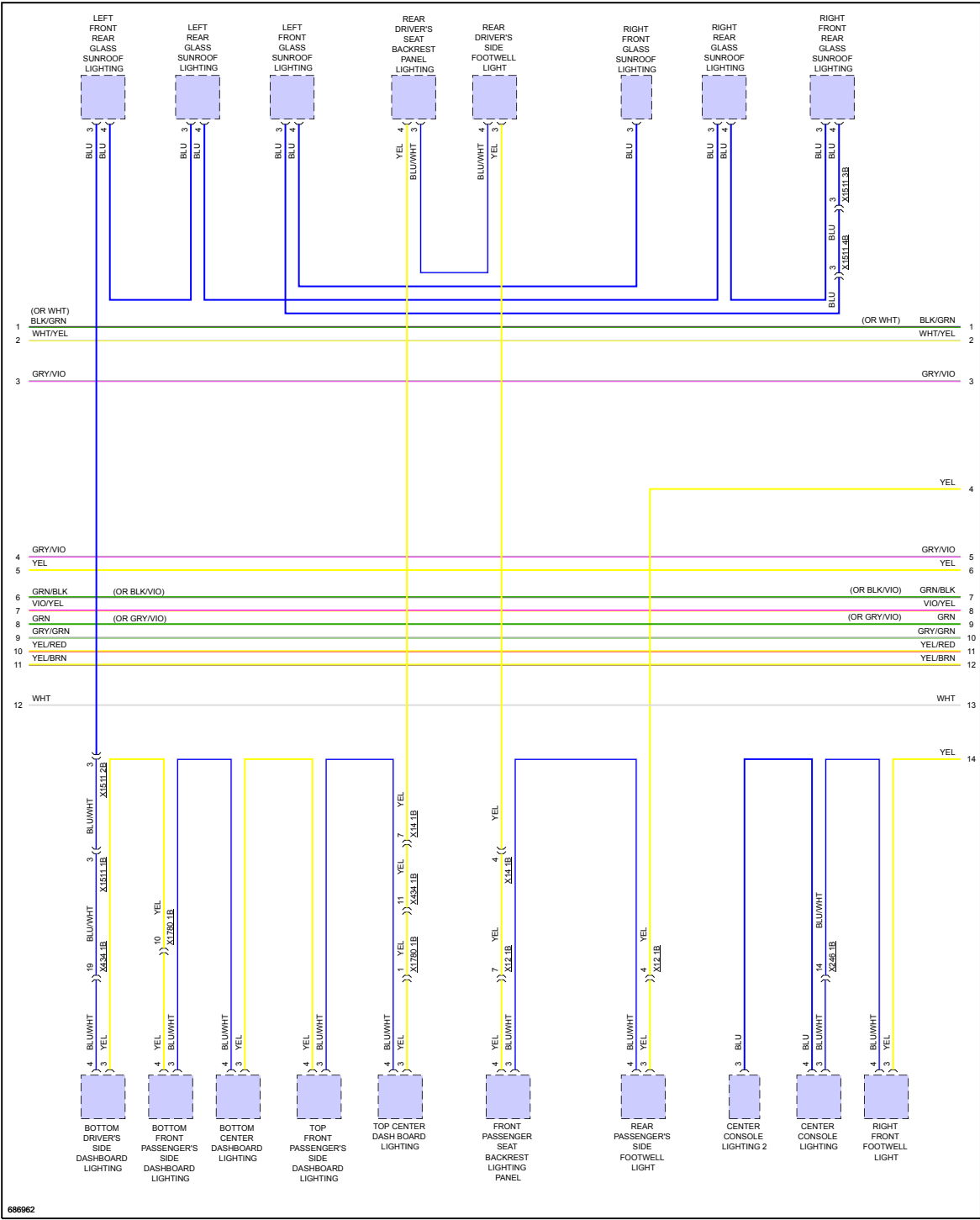


Fig 9: High/Low Bus Circuit (8 of 10)

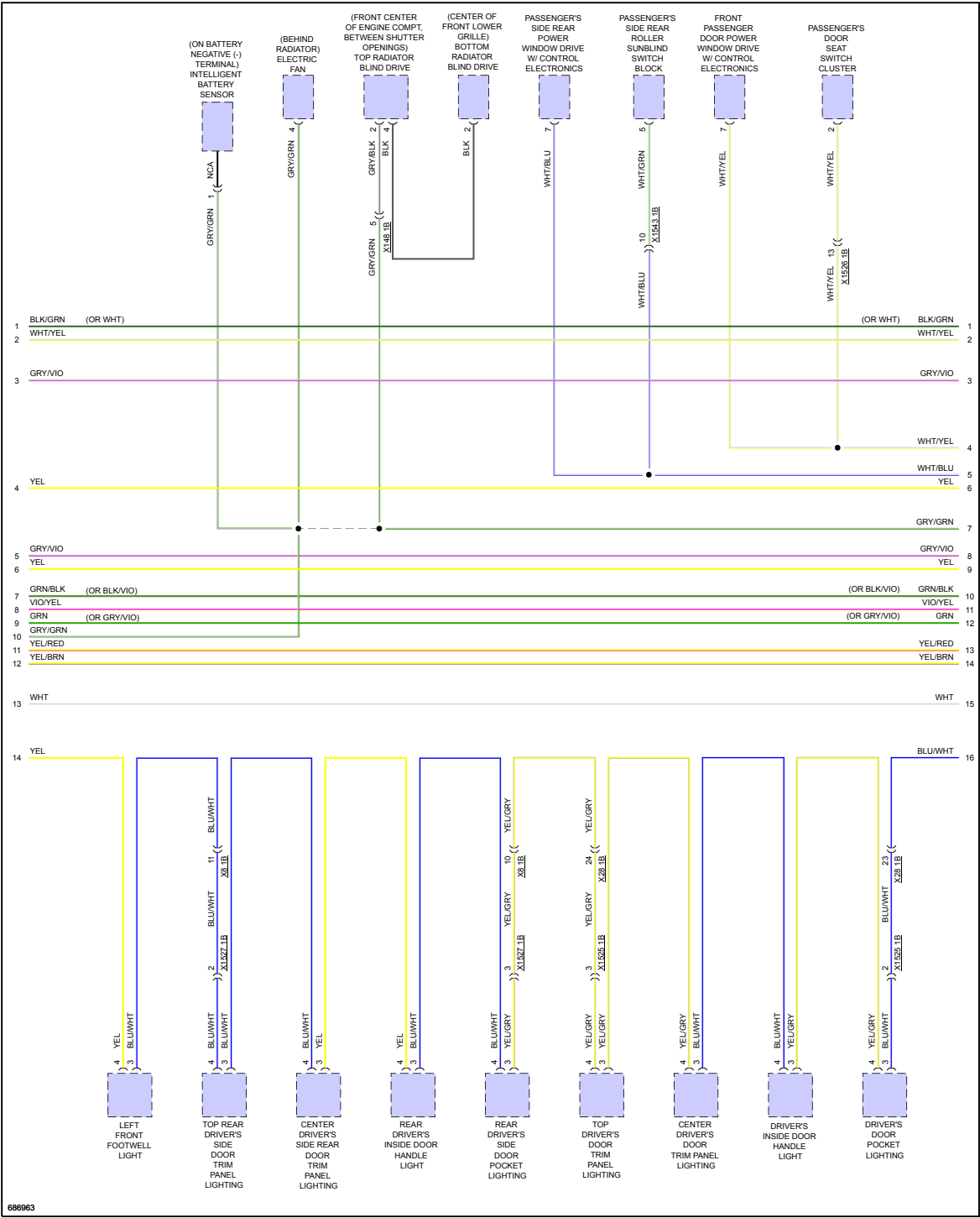


Fig 10: High/Low Bus Circuit (9 of 10)

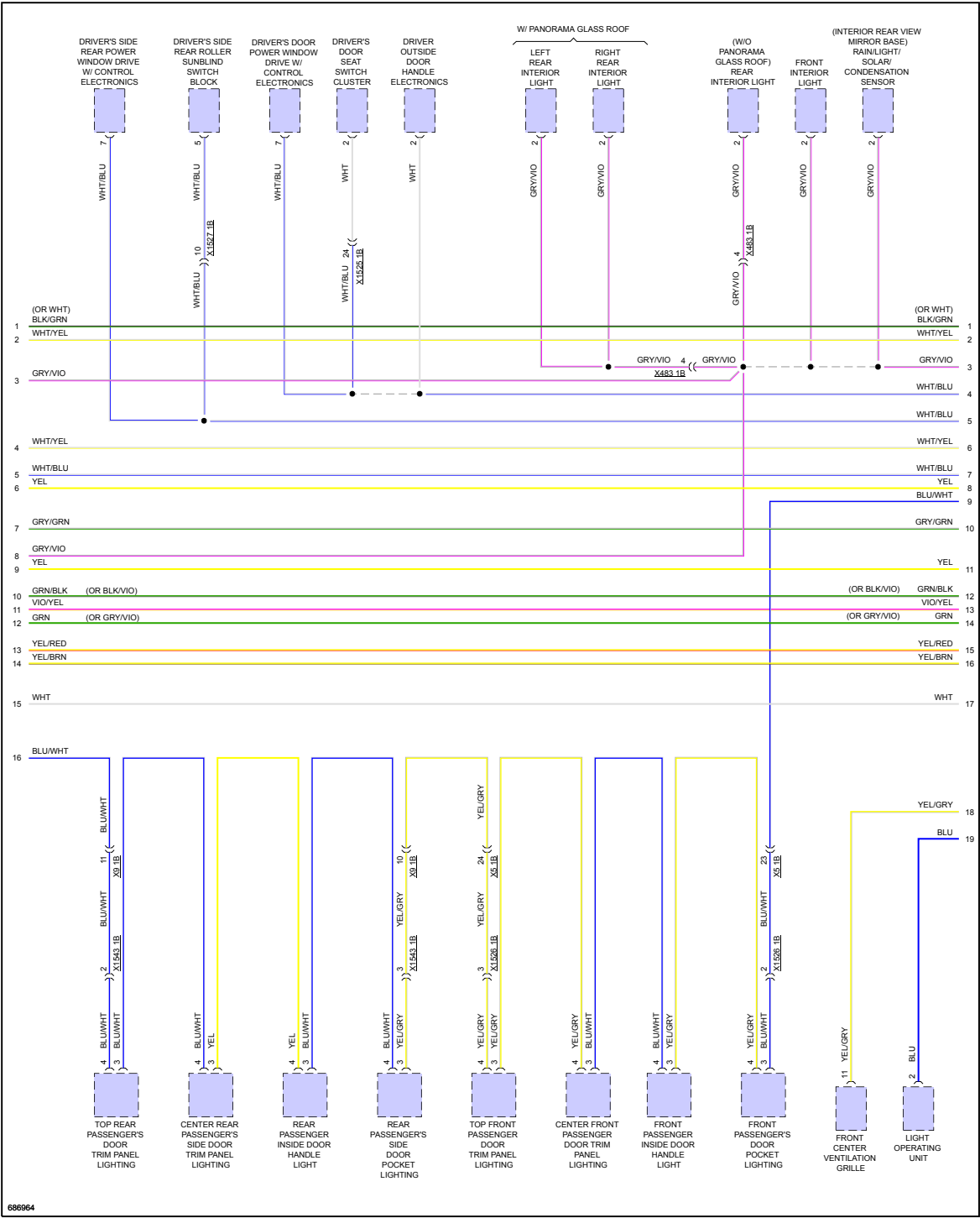


Fig 11: High/Low Bus Circuit (10 of 10)

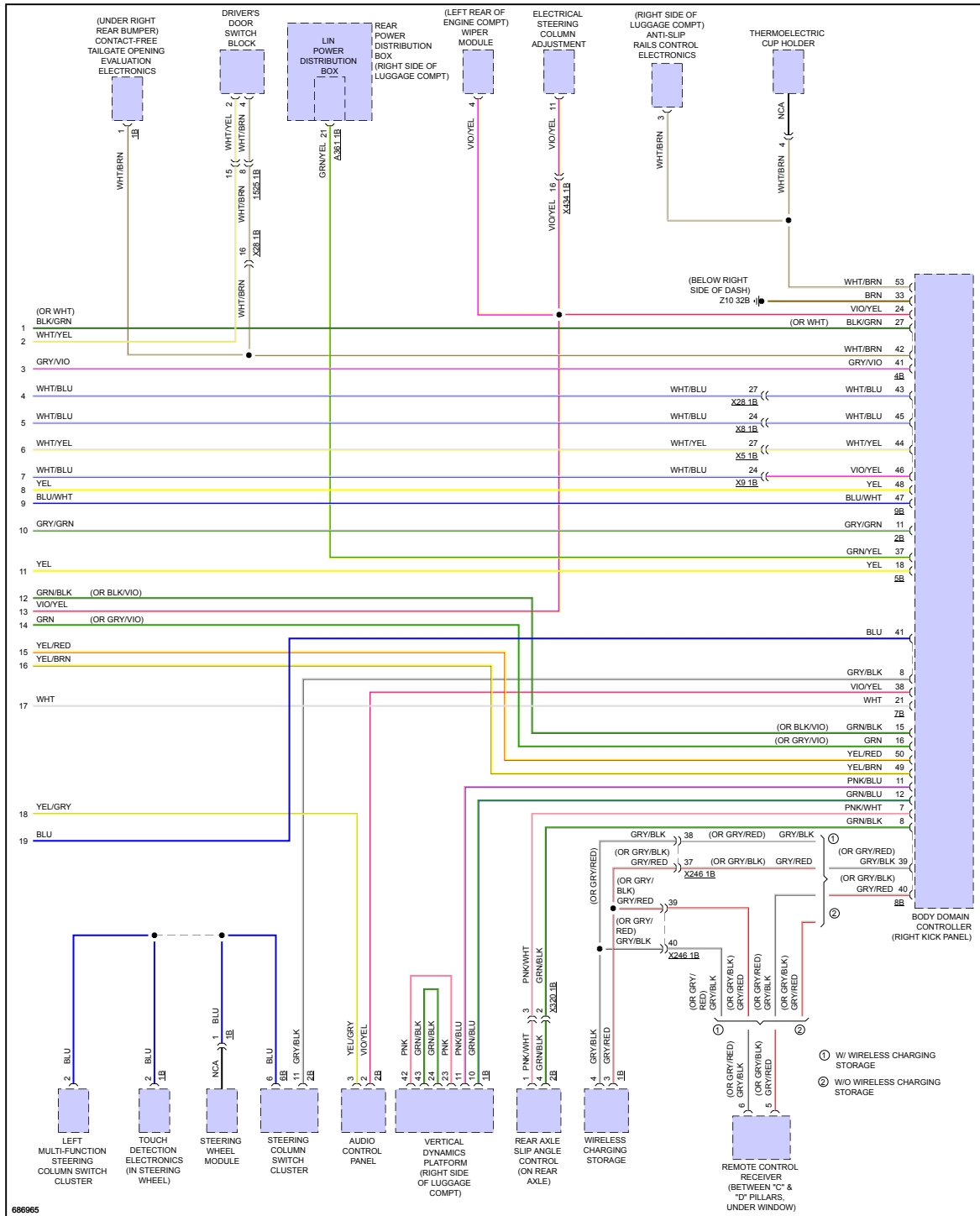


Fig 1: Cooling Fan Circuit (1 of 2)

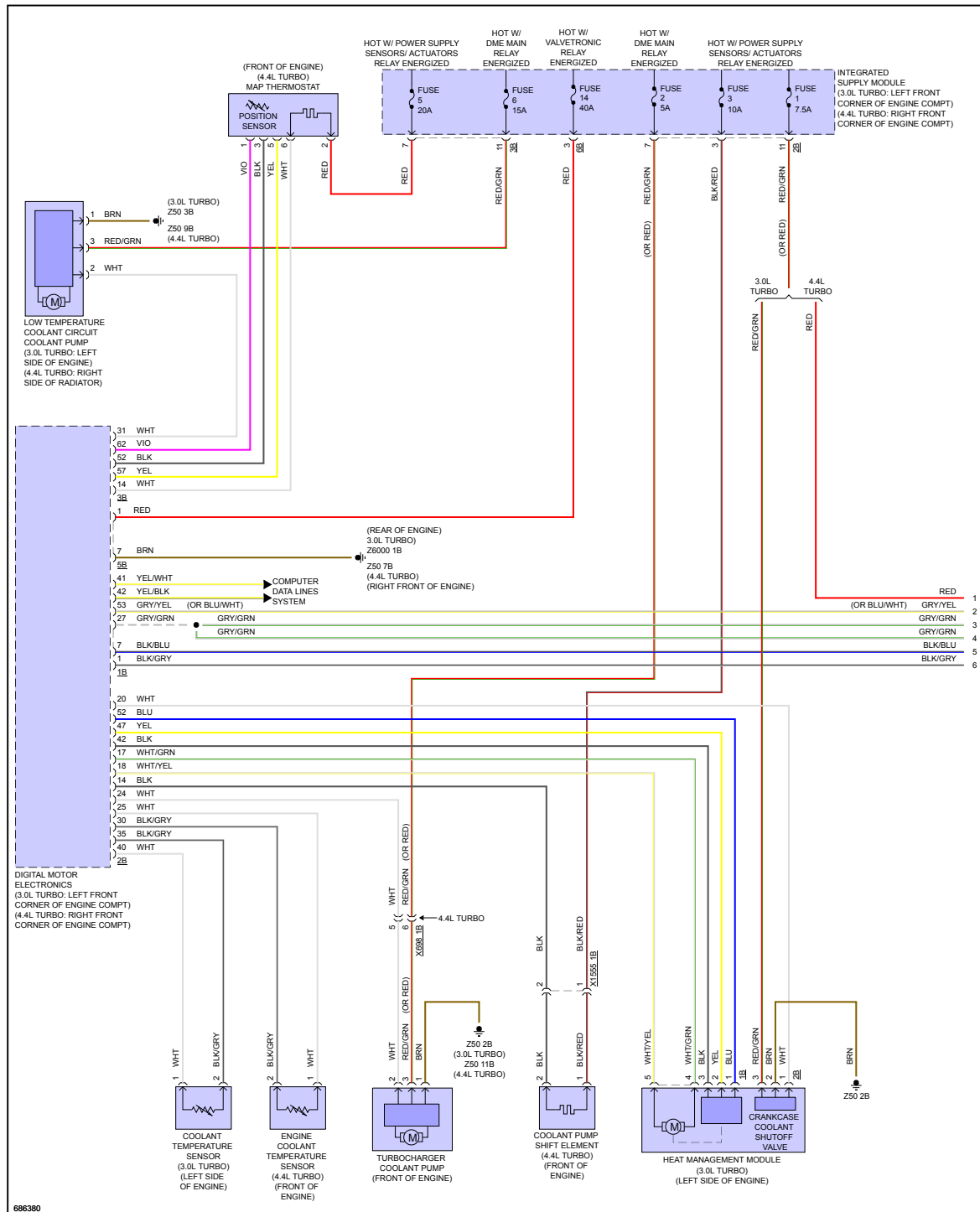
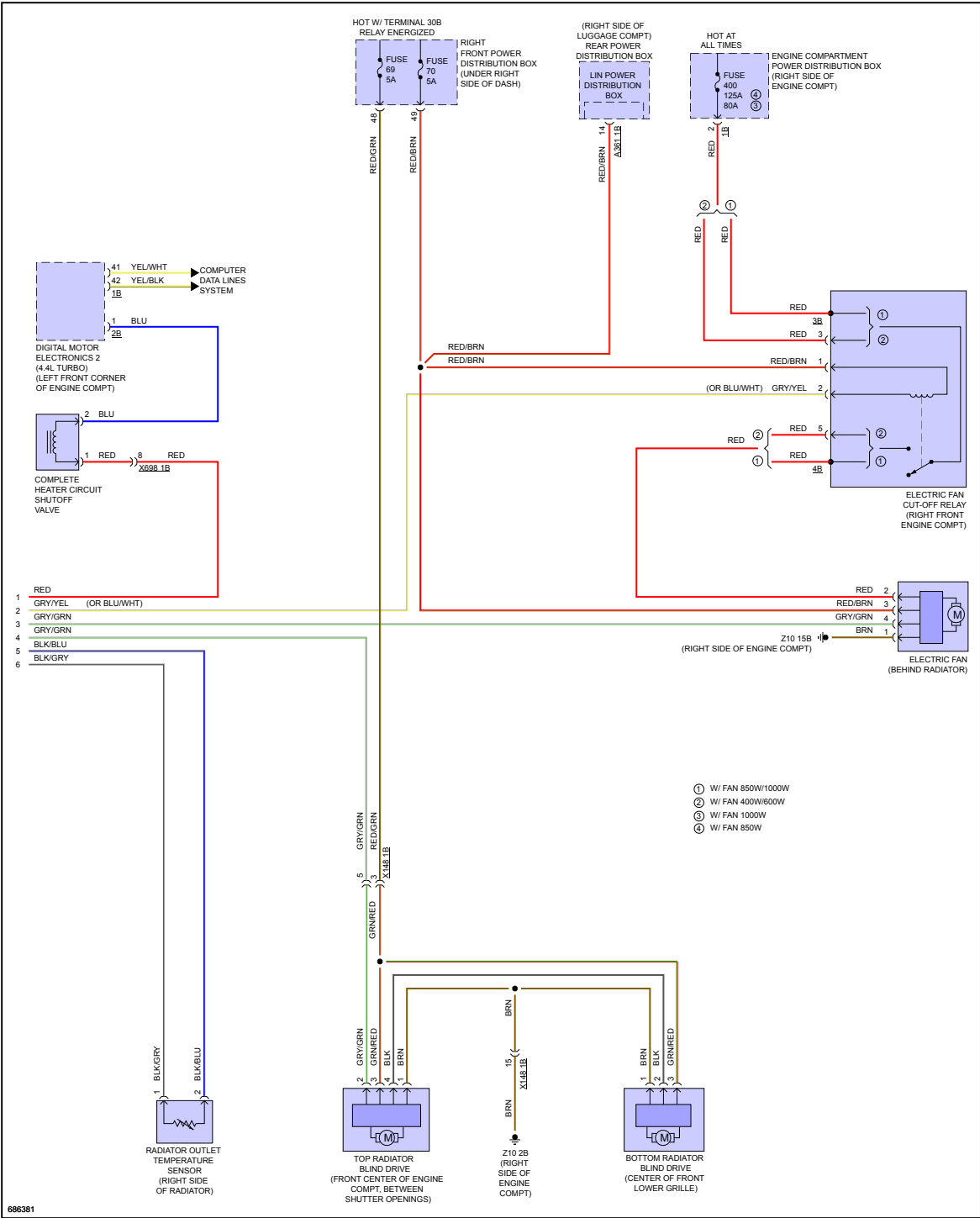
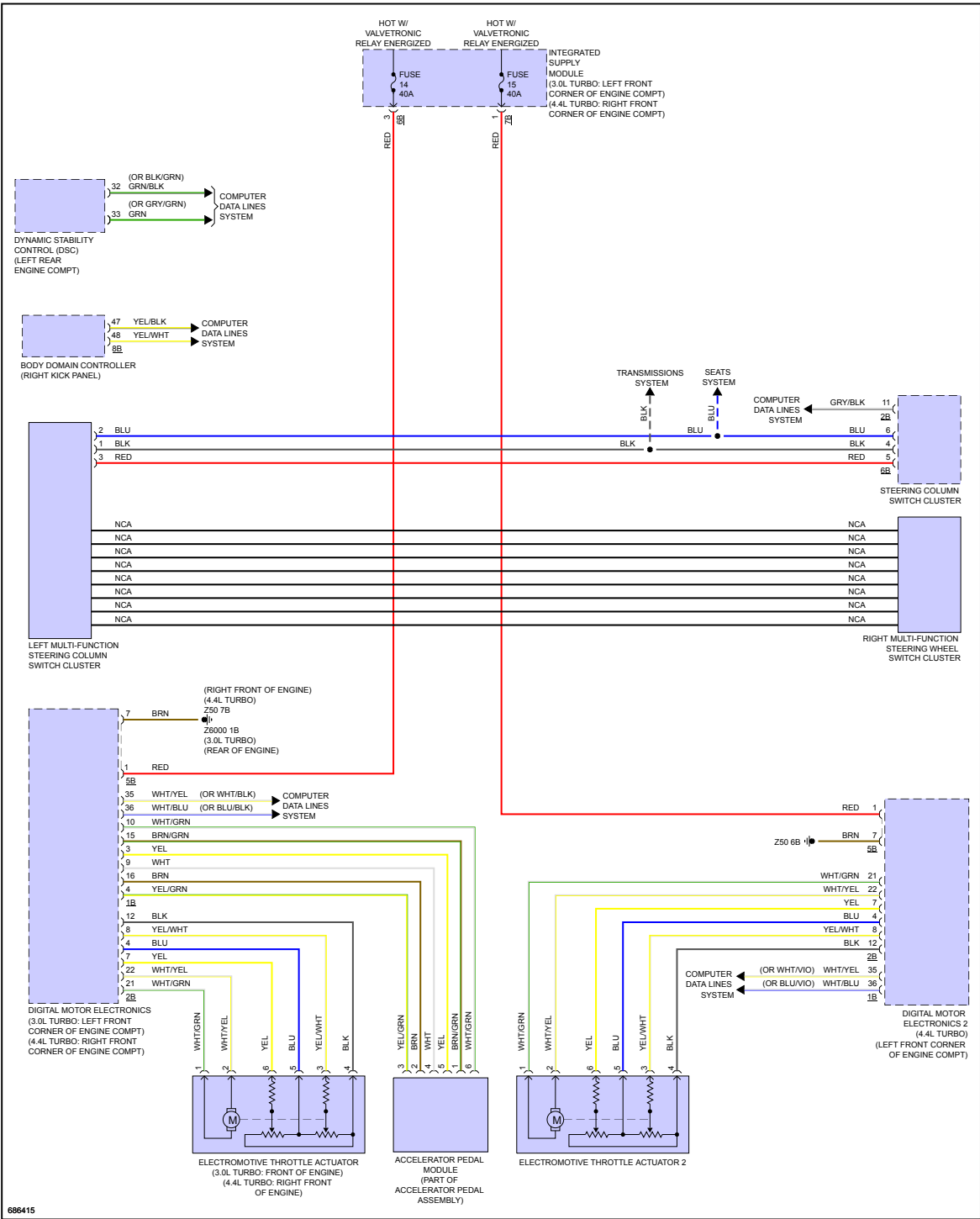


Fig 2: Cooling Fan Circuit (2 of 2)



CRUISE CONTROL

Fig 1: Cruise Control Circuit



DEFOGGERS

Fig 1: Heated Mirrors Circuit

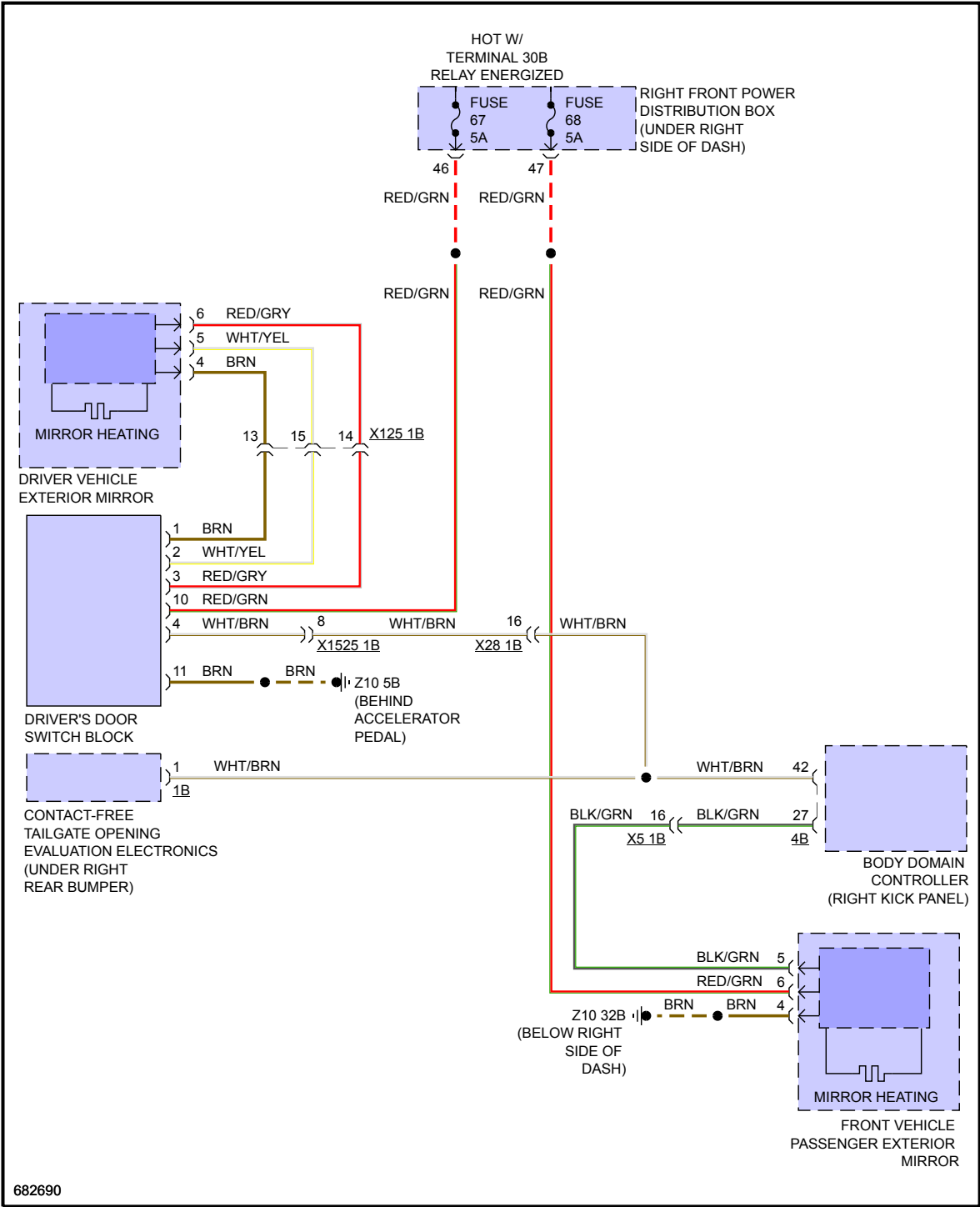
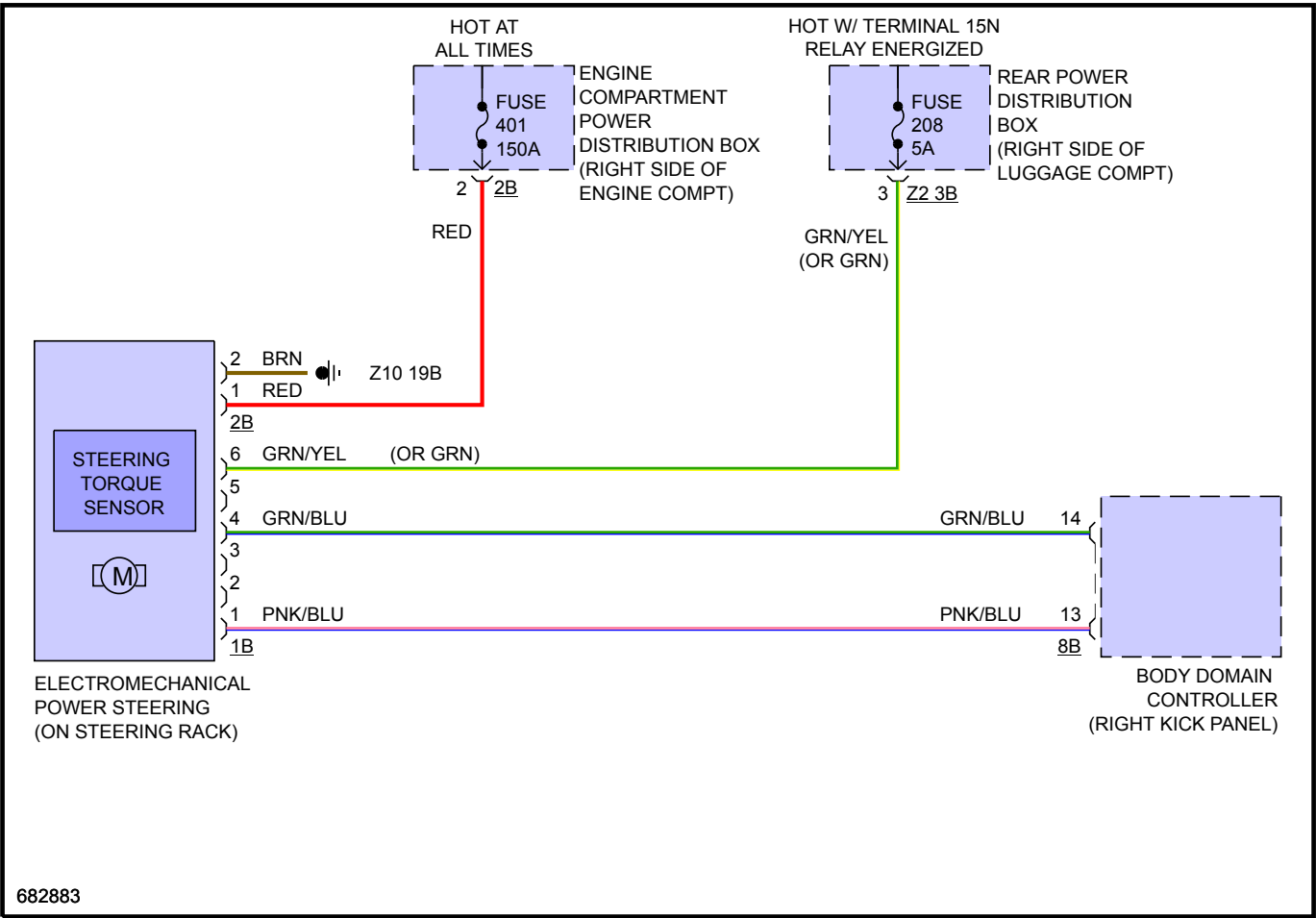


Fig 2: Rear Defogger Circuit



ELECTRONIC POWER STEERING

Fig 1: Electronic Power Steering Circuit



ELECTRONIC SUSPENSION

Fig 1: Dynamic Drive Suspension Circuit (1 of 2)

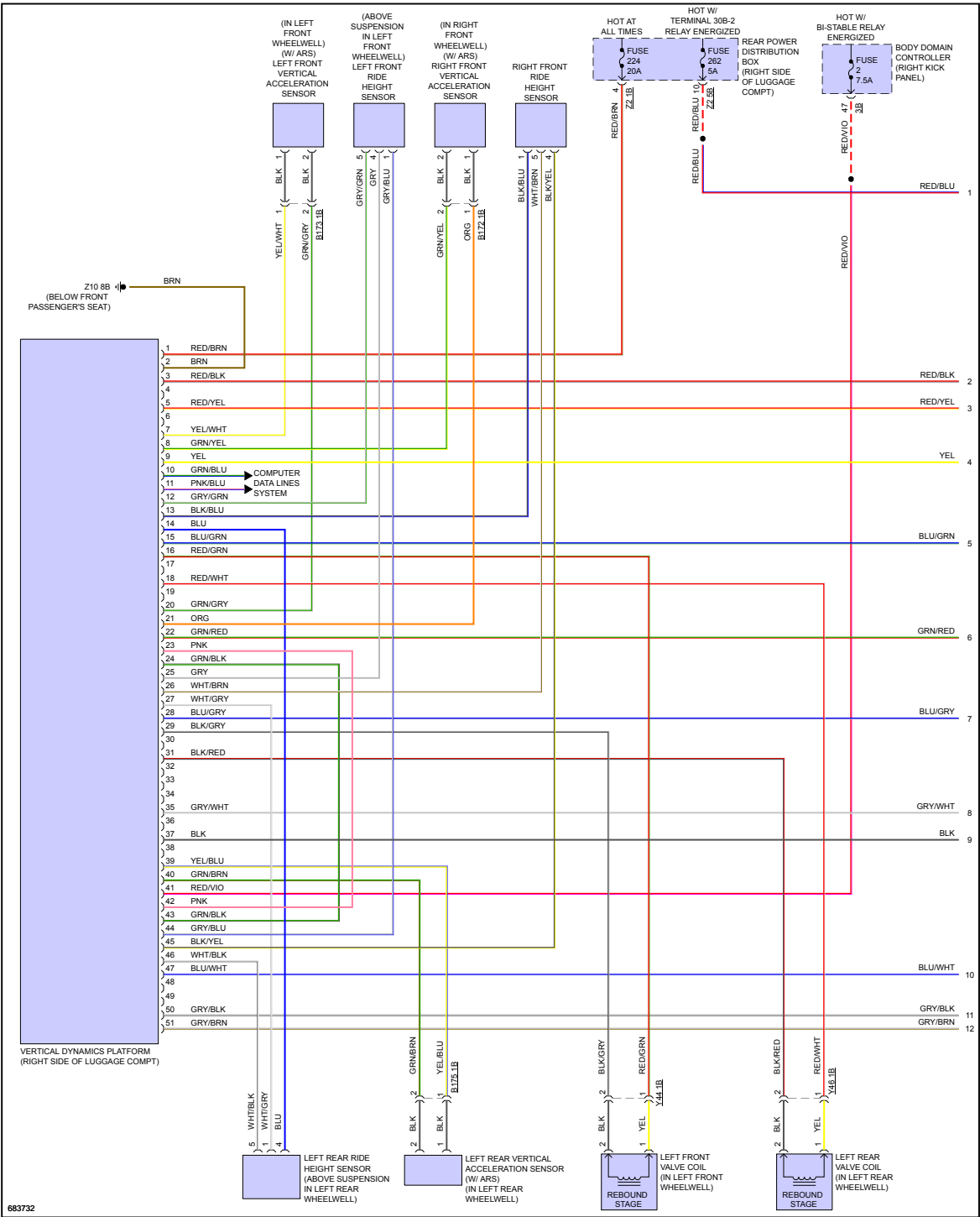


Fig 2: Dynamic Drive Suspension Circuit (2 of 2)

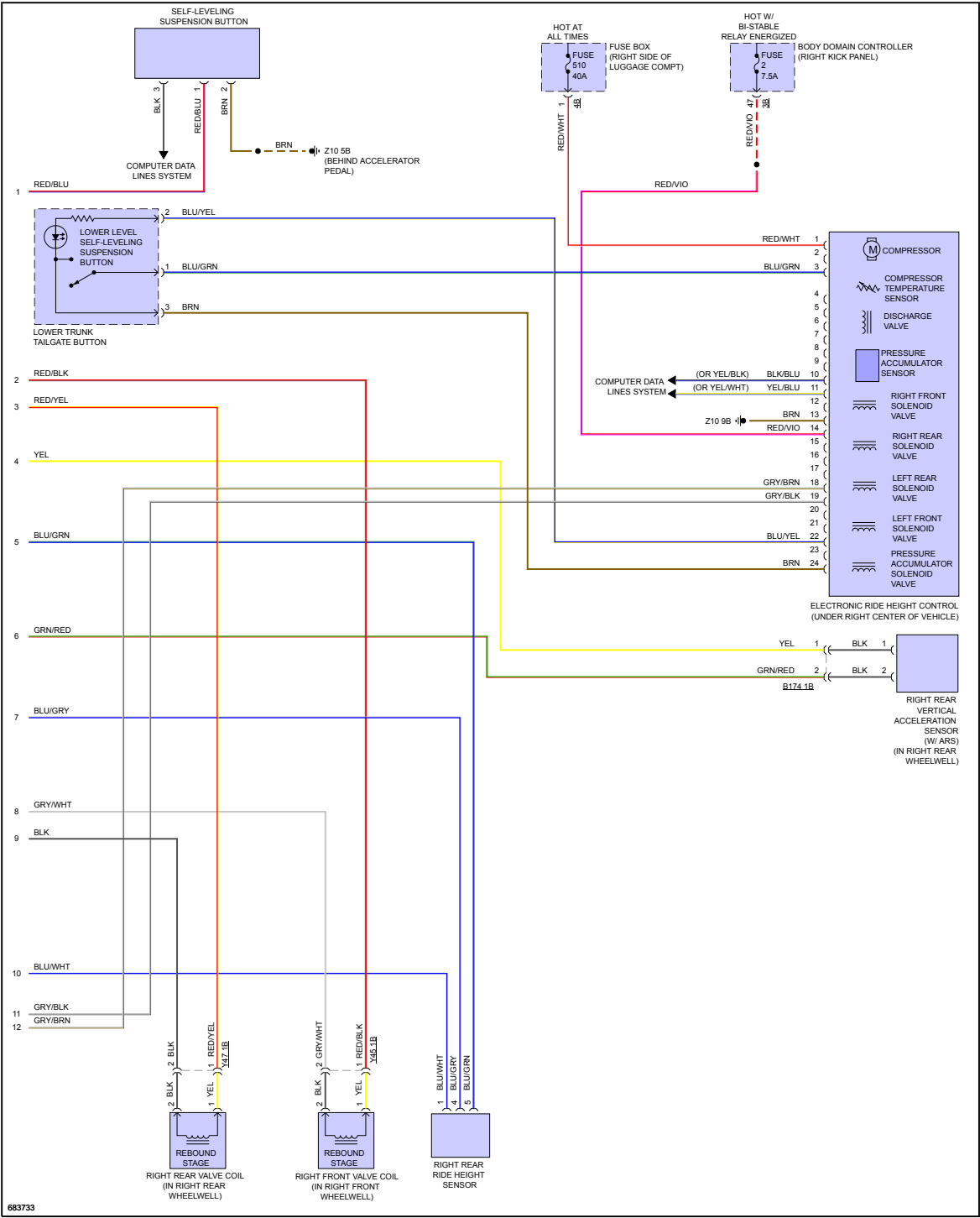
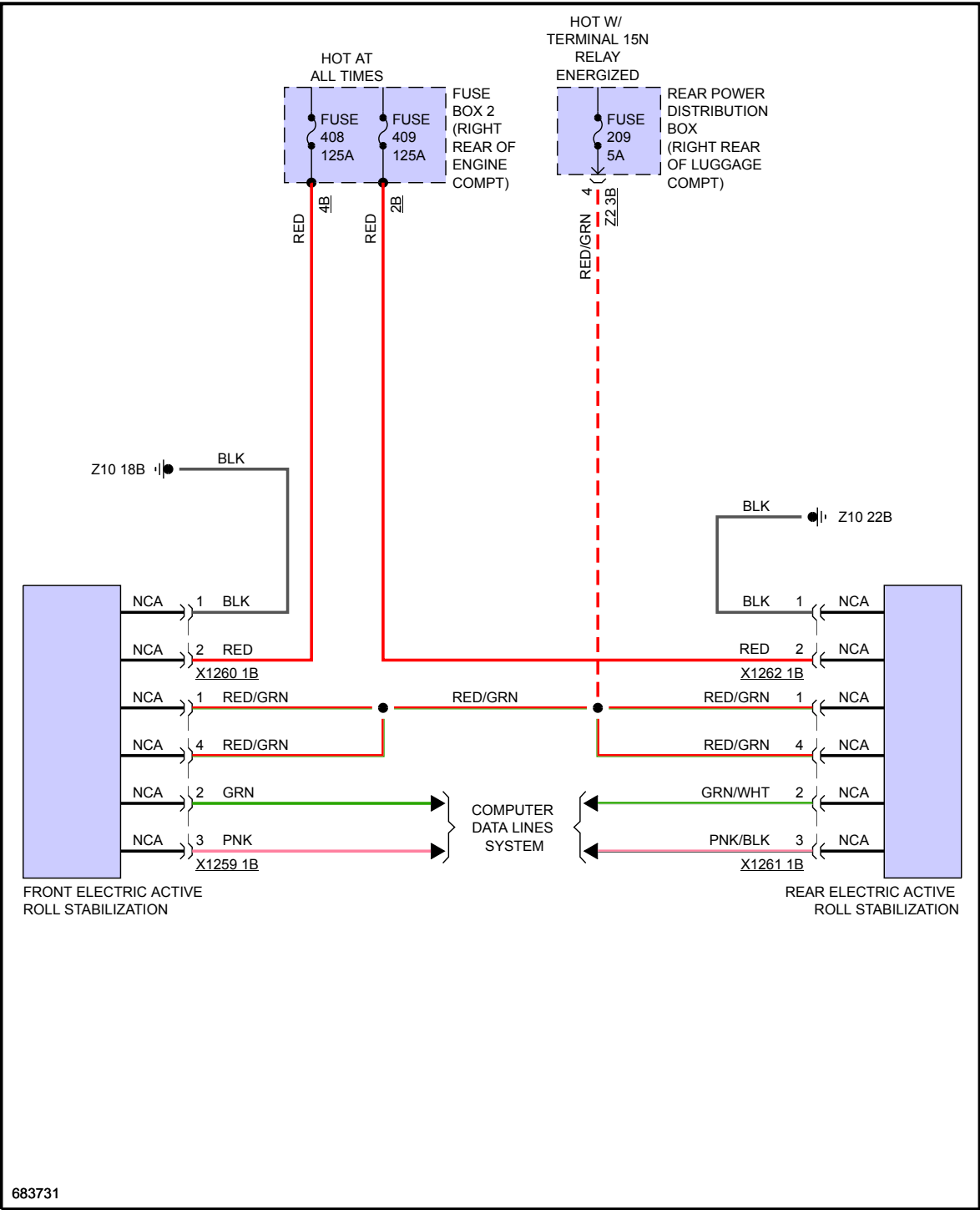


Fig 3: Electric Active Roll Stabilization Circuit



ENGINE PERFORMANCE > 3.0L TURBO

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

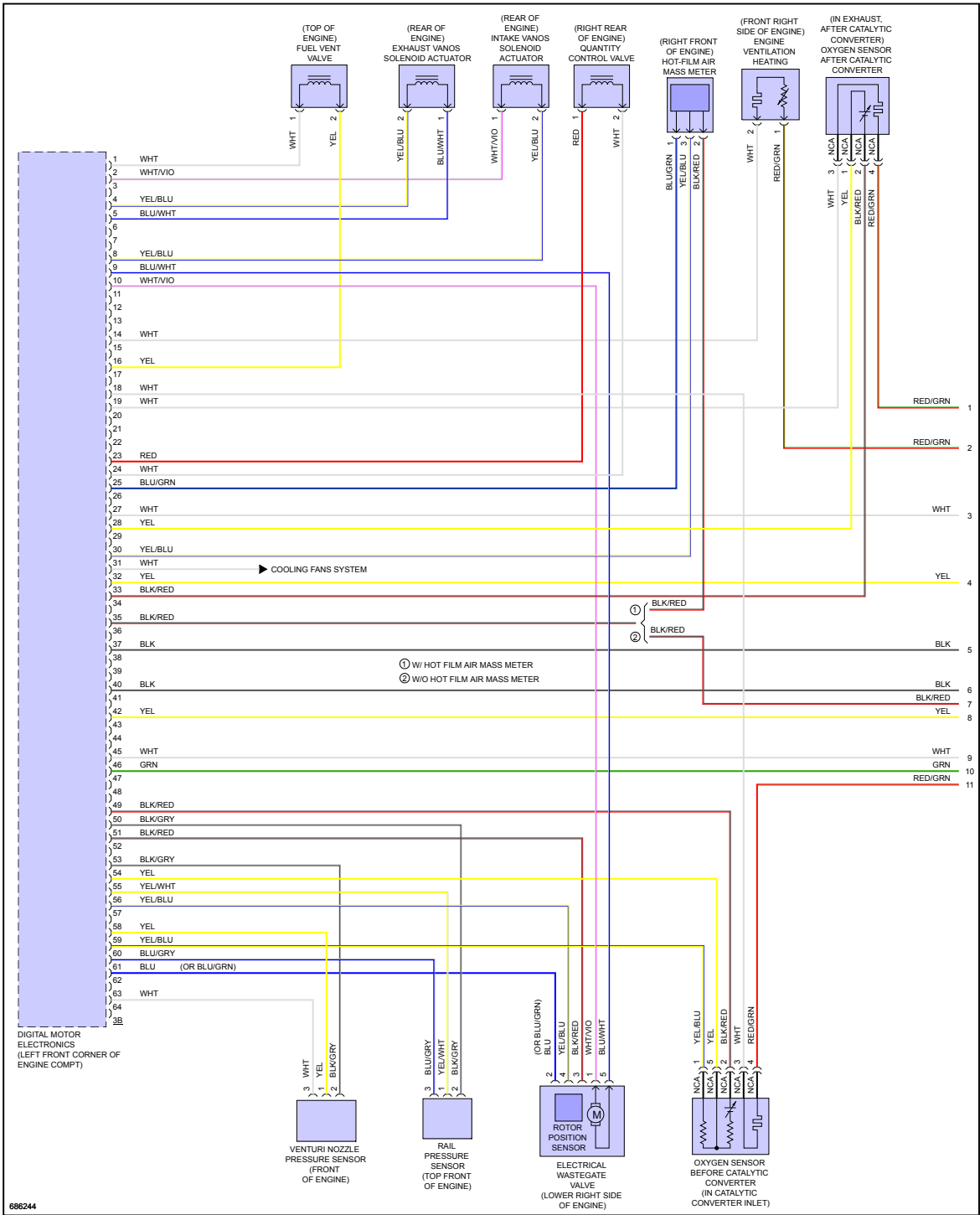


Fig 2: 3.0L Turbo, Engine Performance Circuit (2 of 6)

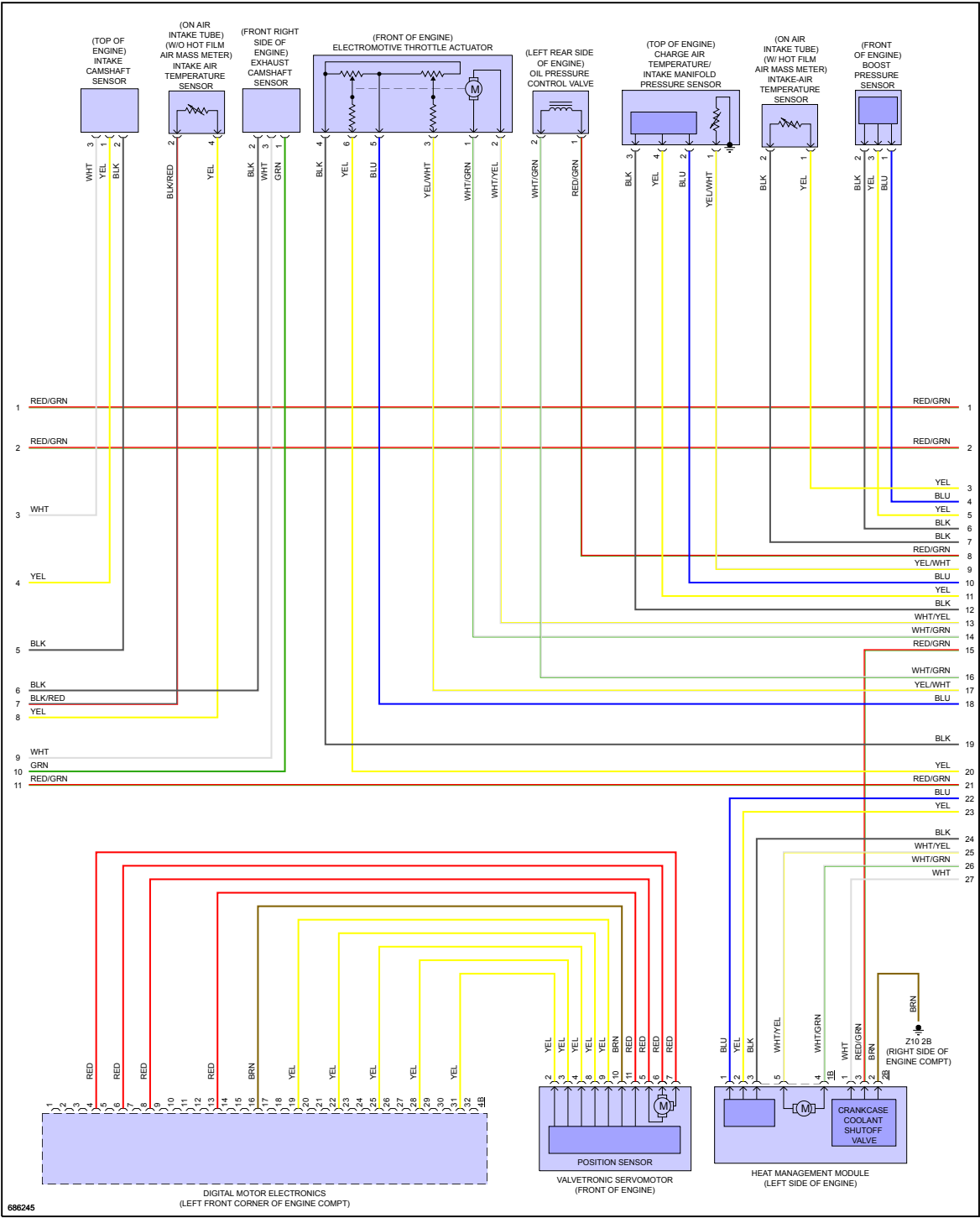


Fig 3: 3.0L Turbo, Engine Performance Circuit (3 of 6)

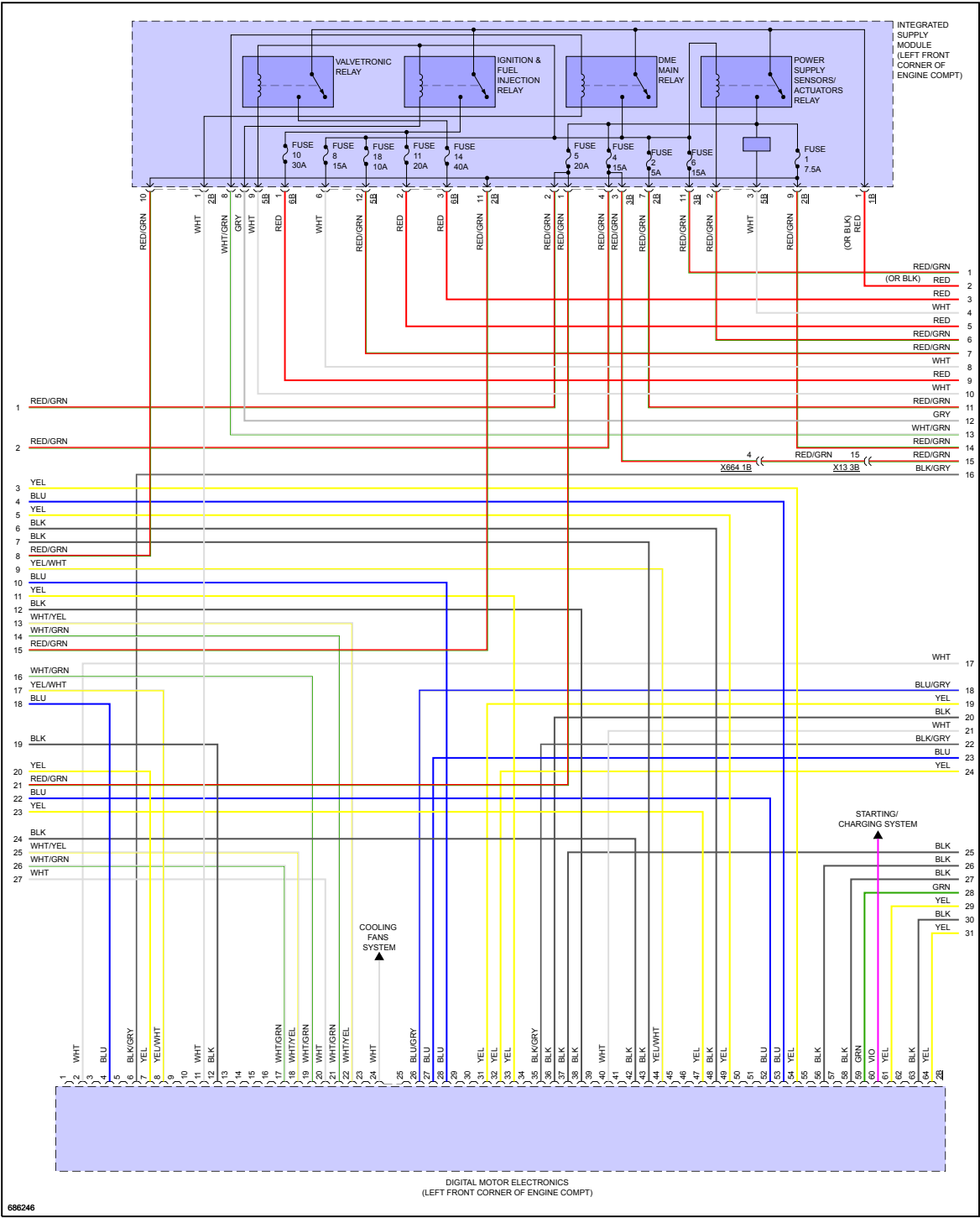


Fig 4: 3.0L Turbo, Engine Performance Circuit (4 of 6)

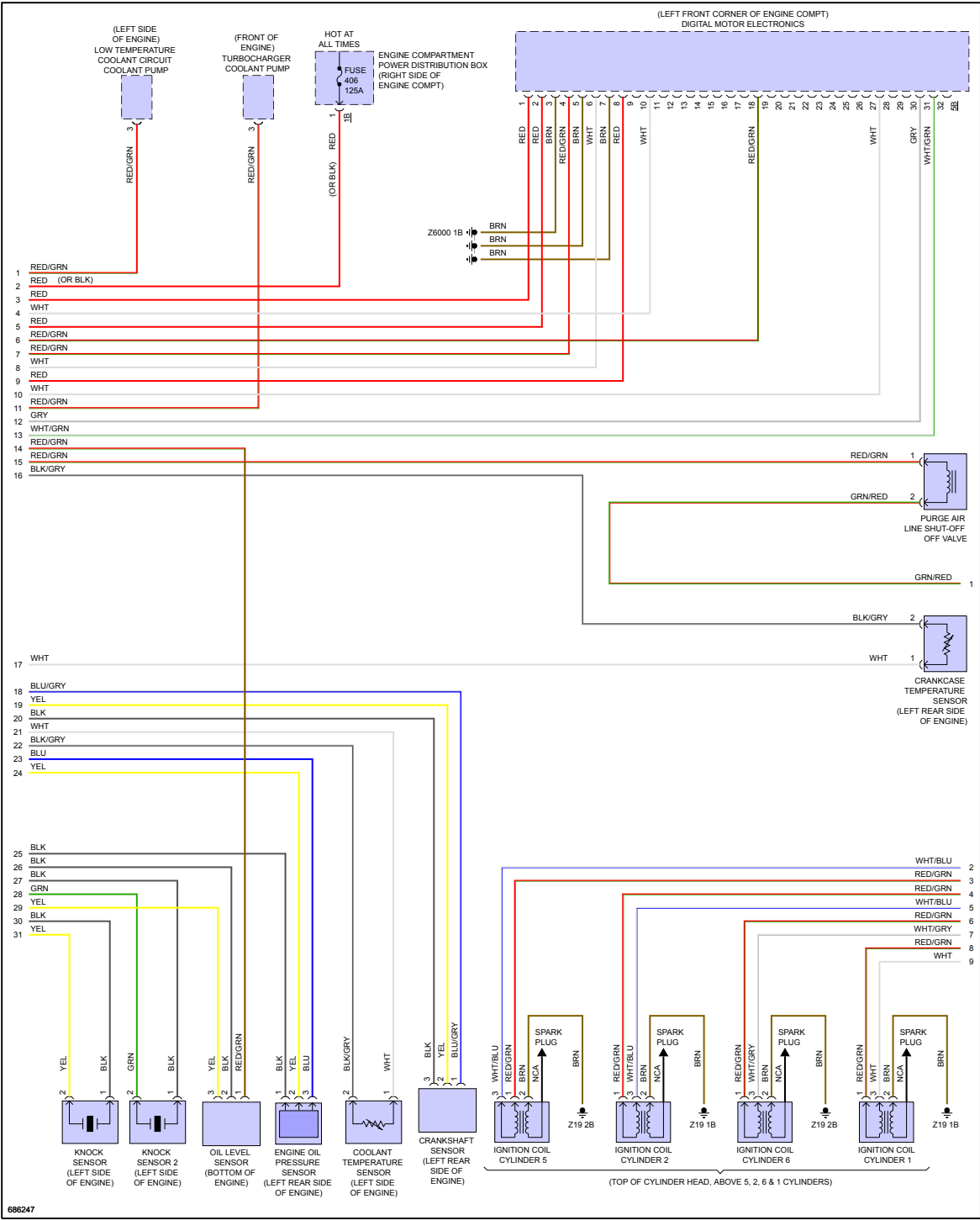


Fig 5: 3.0L Turbo, Engine Performance Circuit (5 of 6)

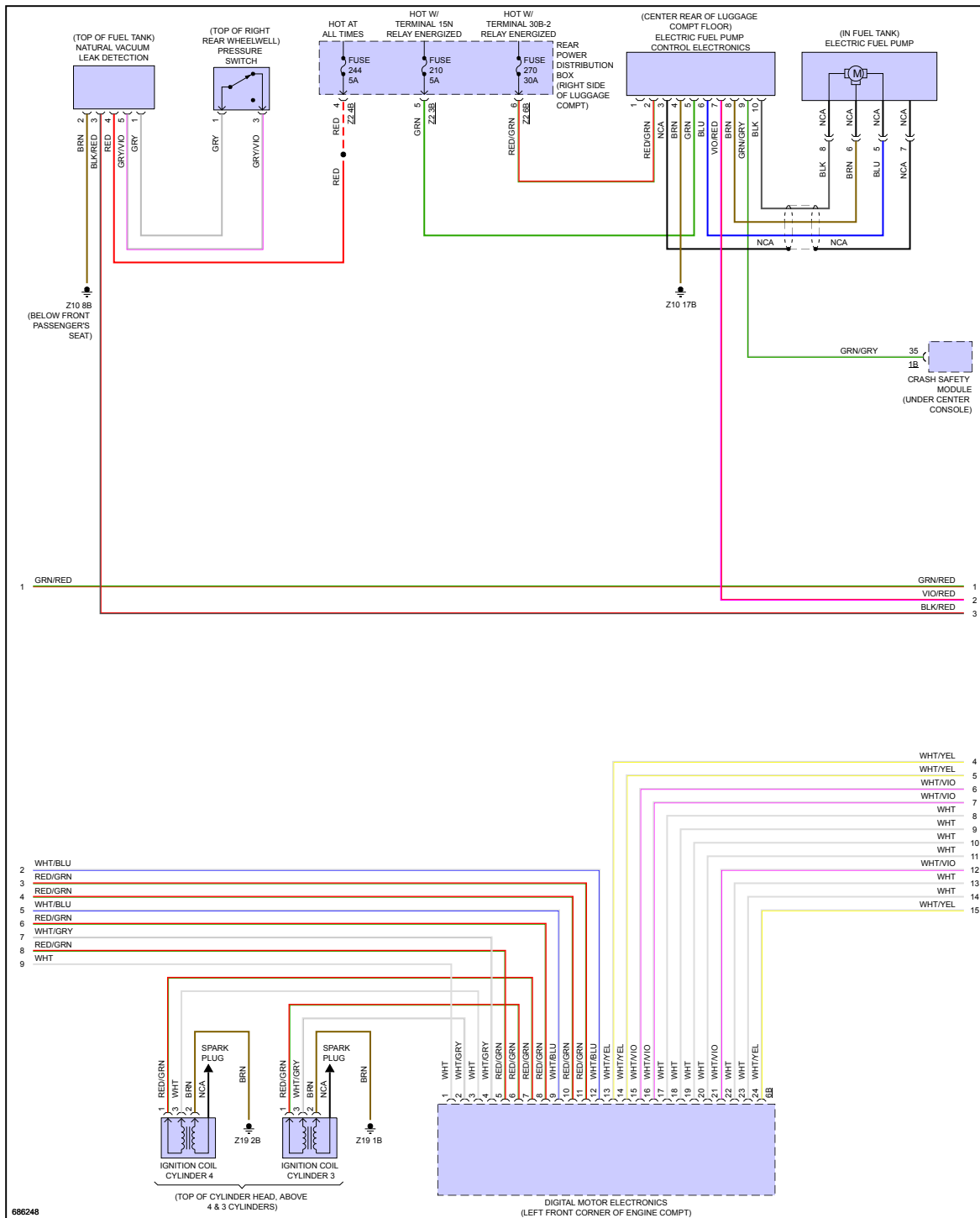
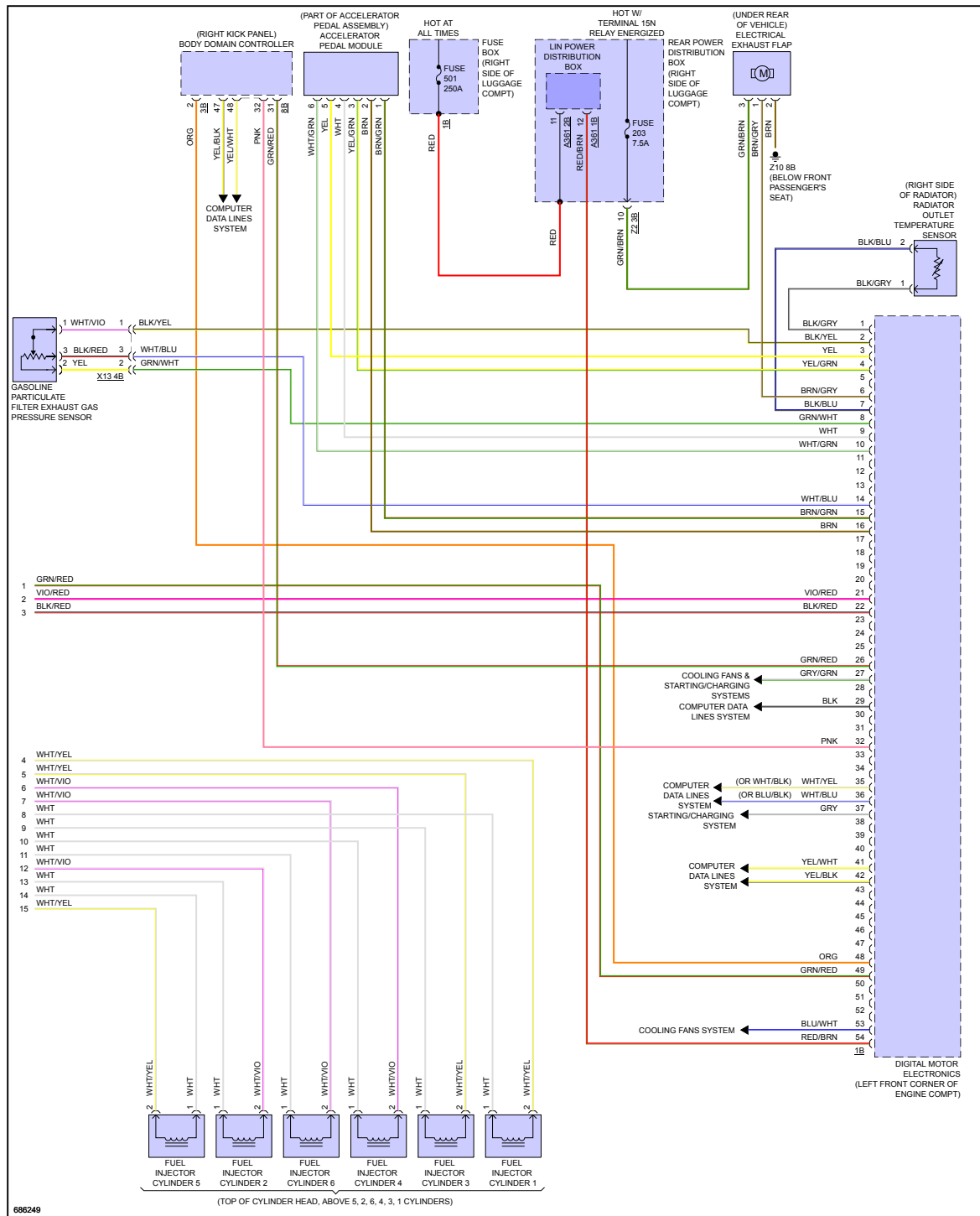


Fig 6: 3.0L Turbo, Engine Performance Circuit (6 of 6)



ENGINE PERFORMANCE > 4.4L TURBO

Fig 1: 4.4L Turbo, Engine Performance Circuit (1 of 11)

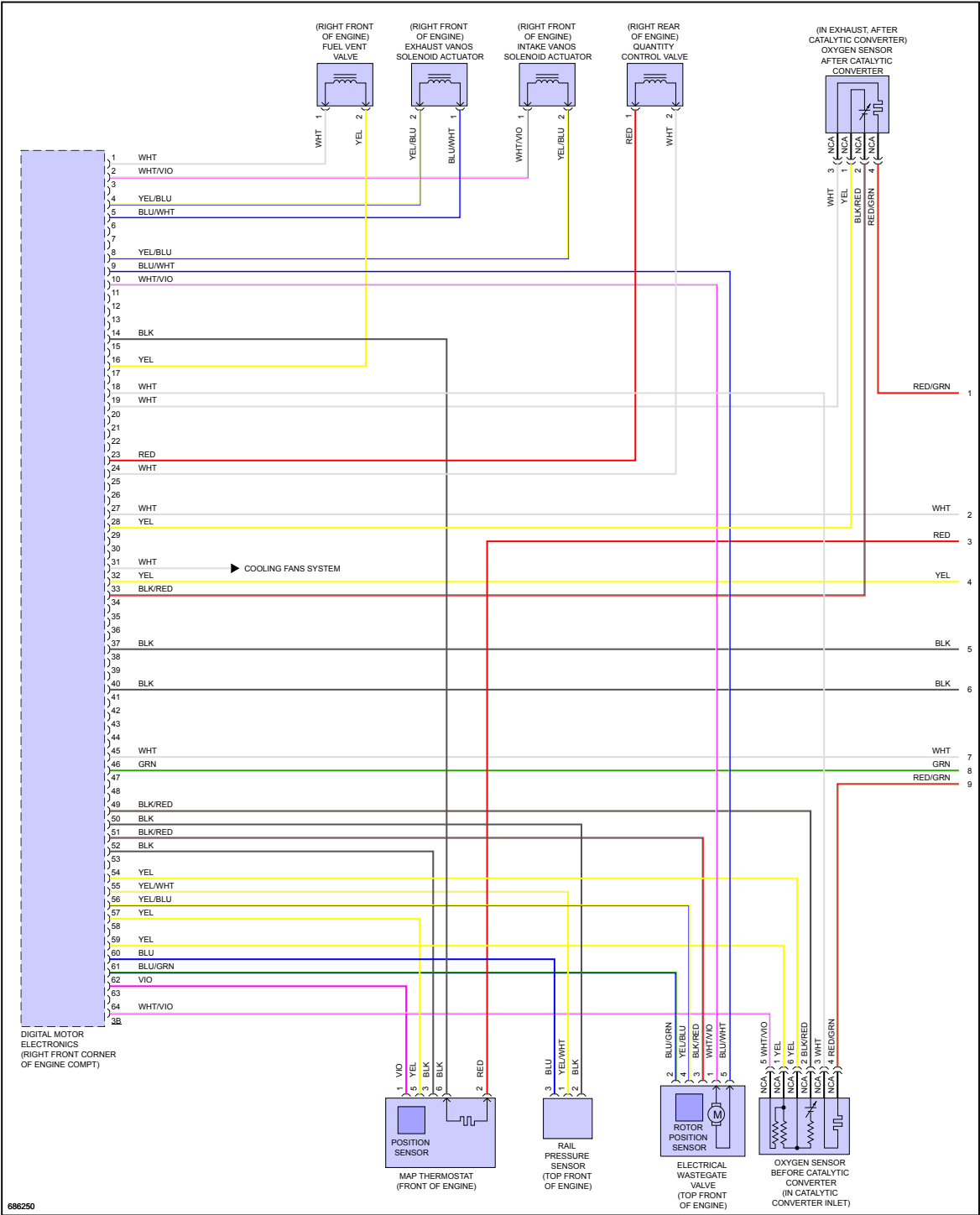


Fig 2: 4.4L Turbo, Engine Performance Circuit (2 of 11)

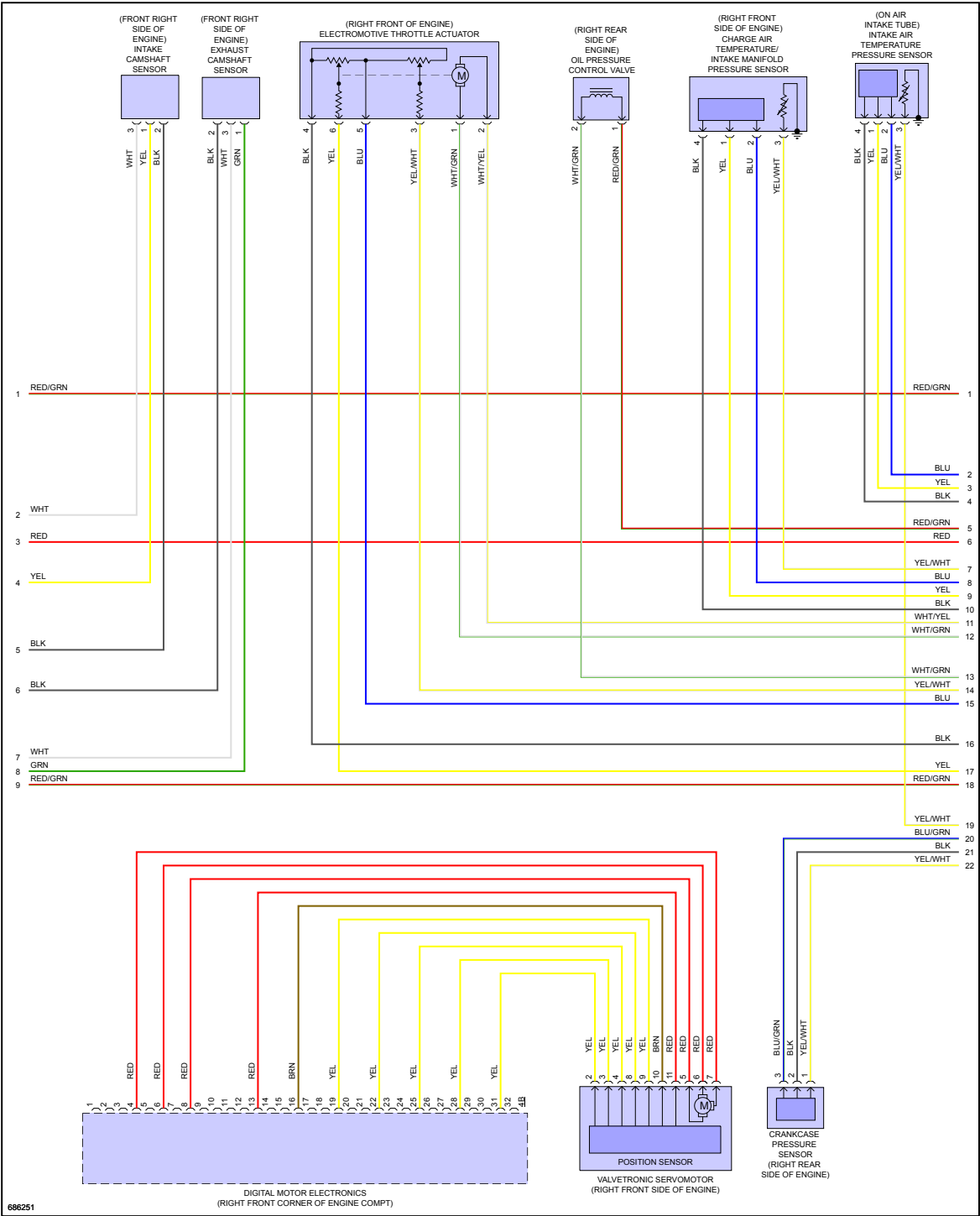


Fig 3: 4.4L Turbo, Engine Performance Circuit (3 of 11)

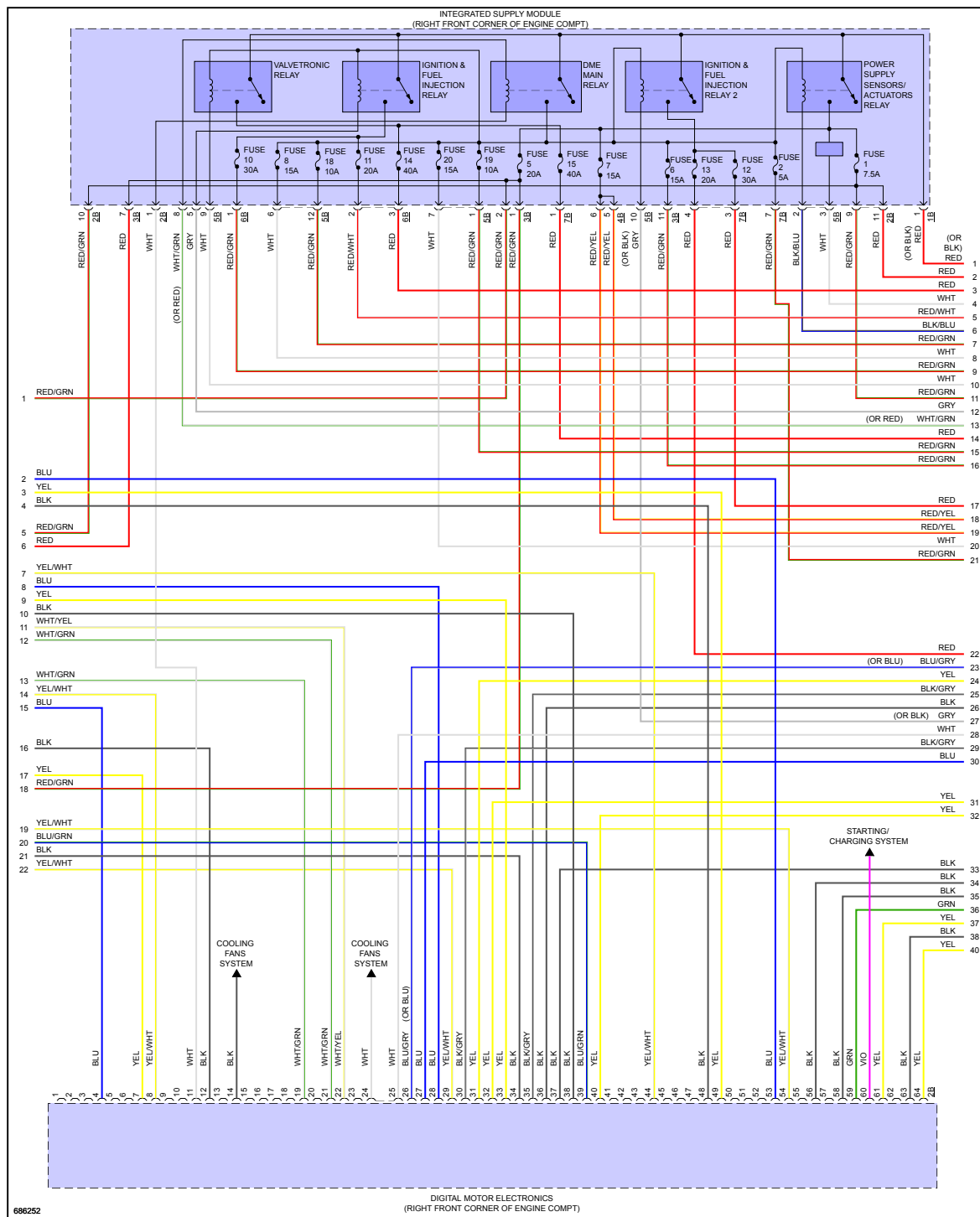


Fig 4: 4.4L Turbo, Engine Performance Circuit (4 of 11)



Fig 5: 4.4L Turbo, Engine Performance Circuit (5 of 11)

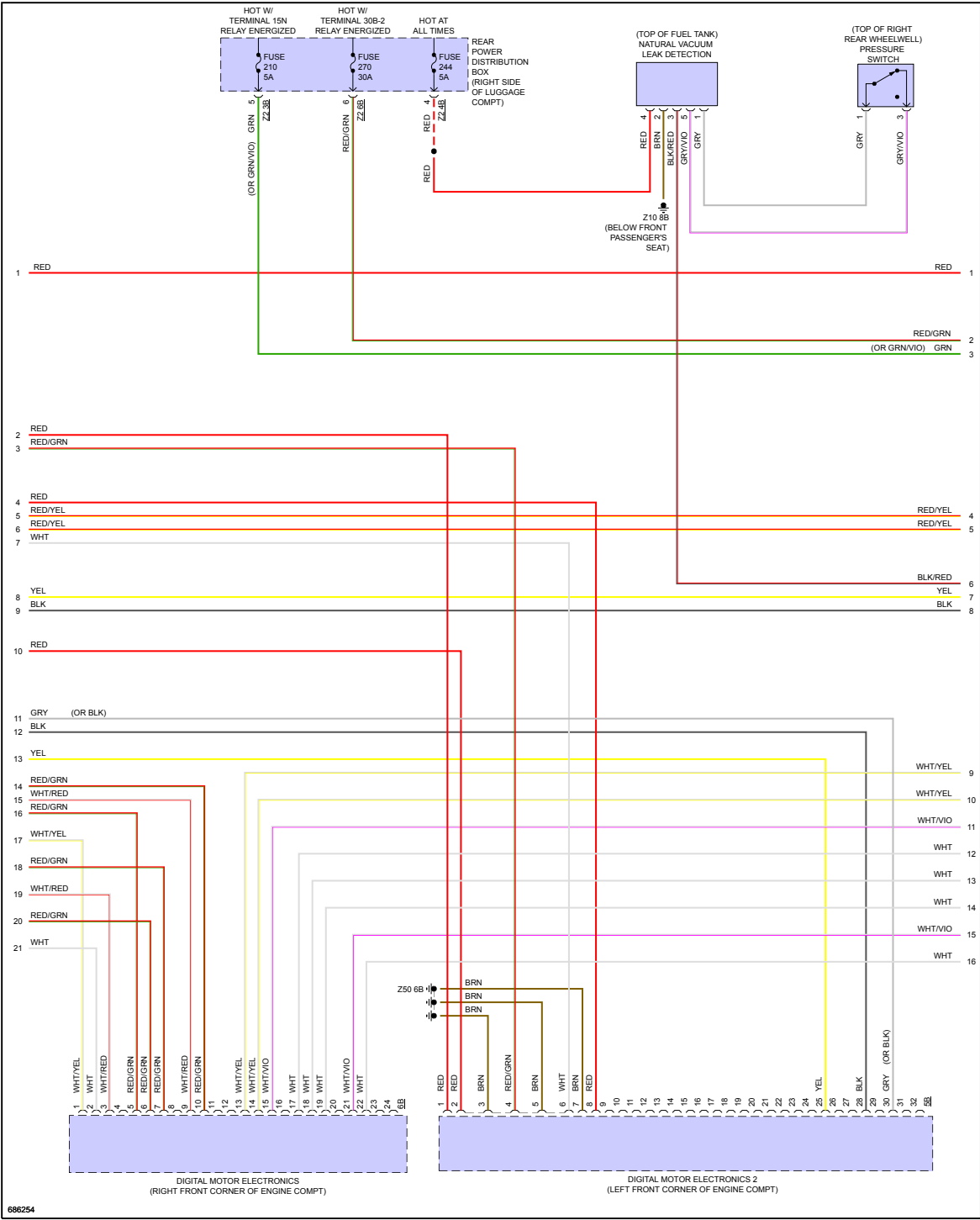


Fig 6: 4.4L Turbo, Engine Performance Circuit (6 of 11)

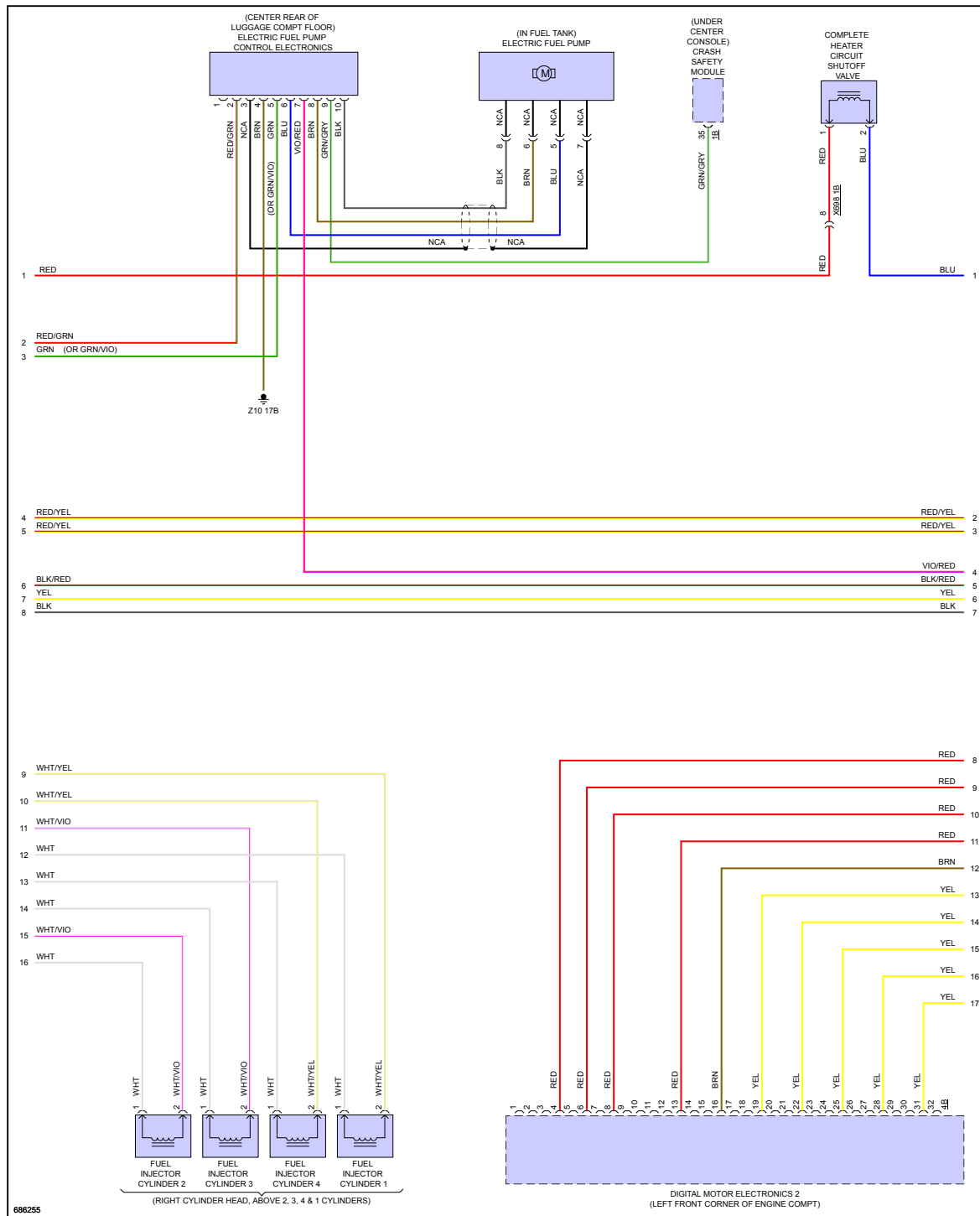


Fig 7: 4.4L Turbo, Engine Performance Circuit (7 of 11)

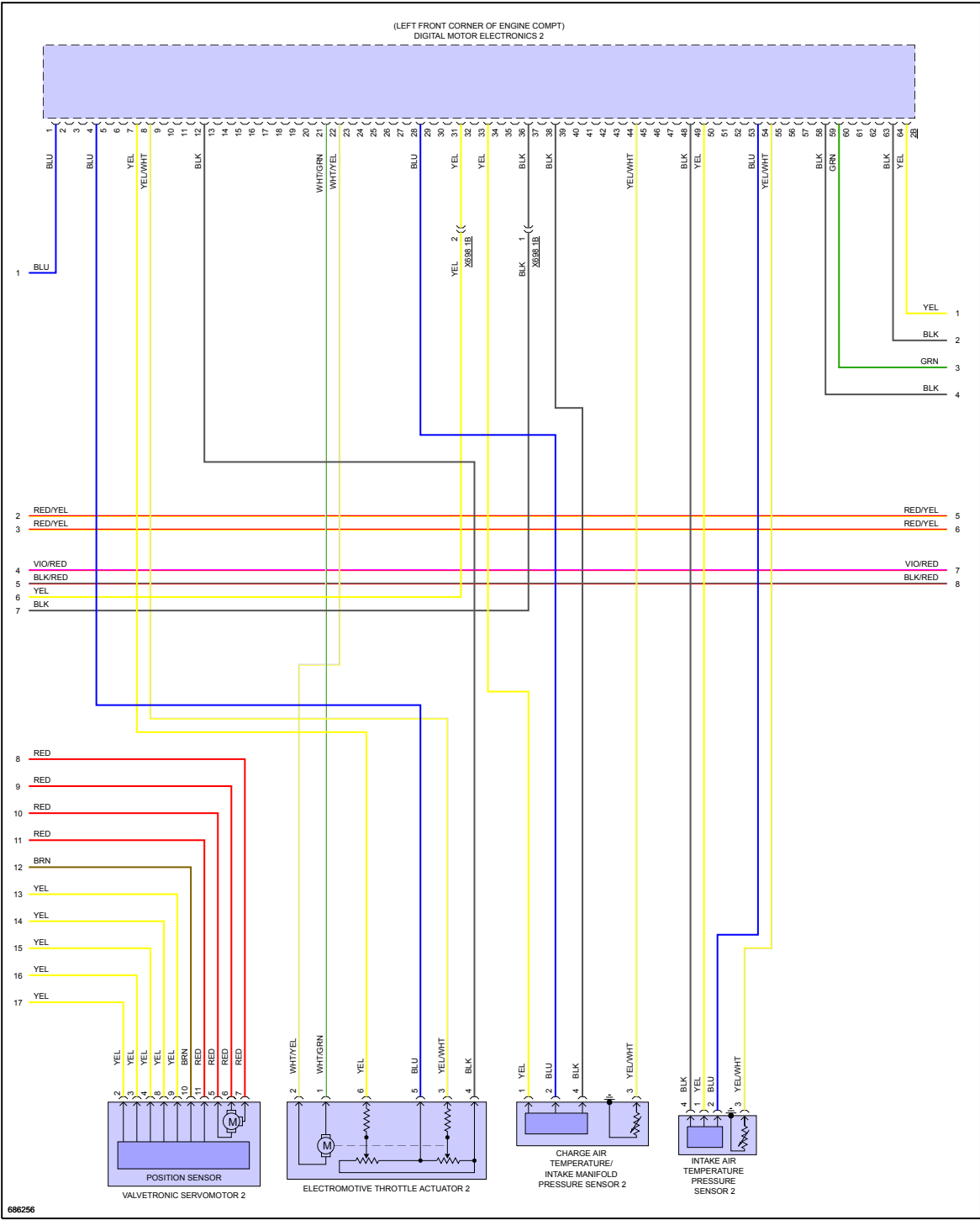


Fig 8: 4.4L Turbo, Engine Performance Circuit (8 of 11)

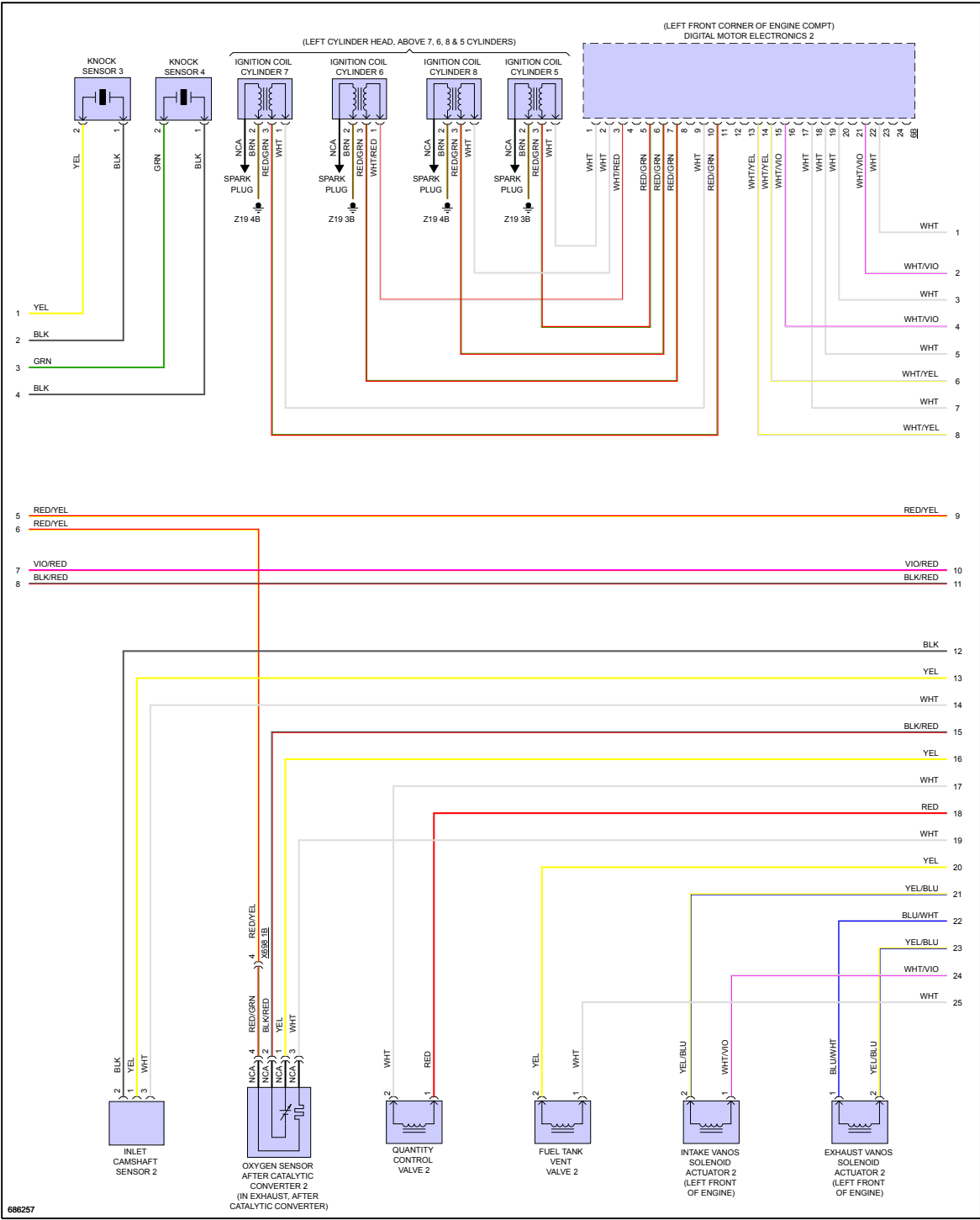


Fig 9: 4.4L Turbo, Engine Performance Circuit (9 of 11)

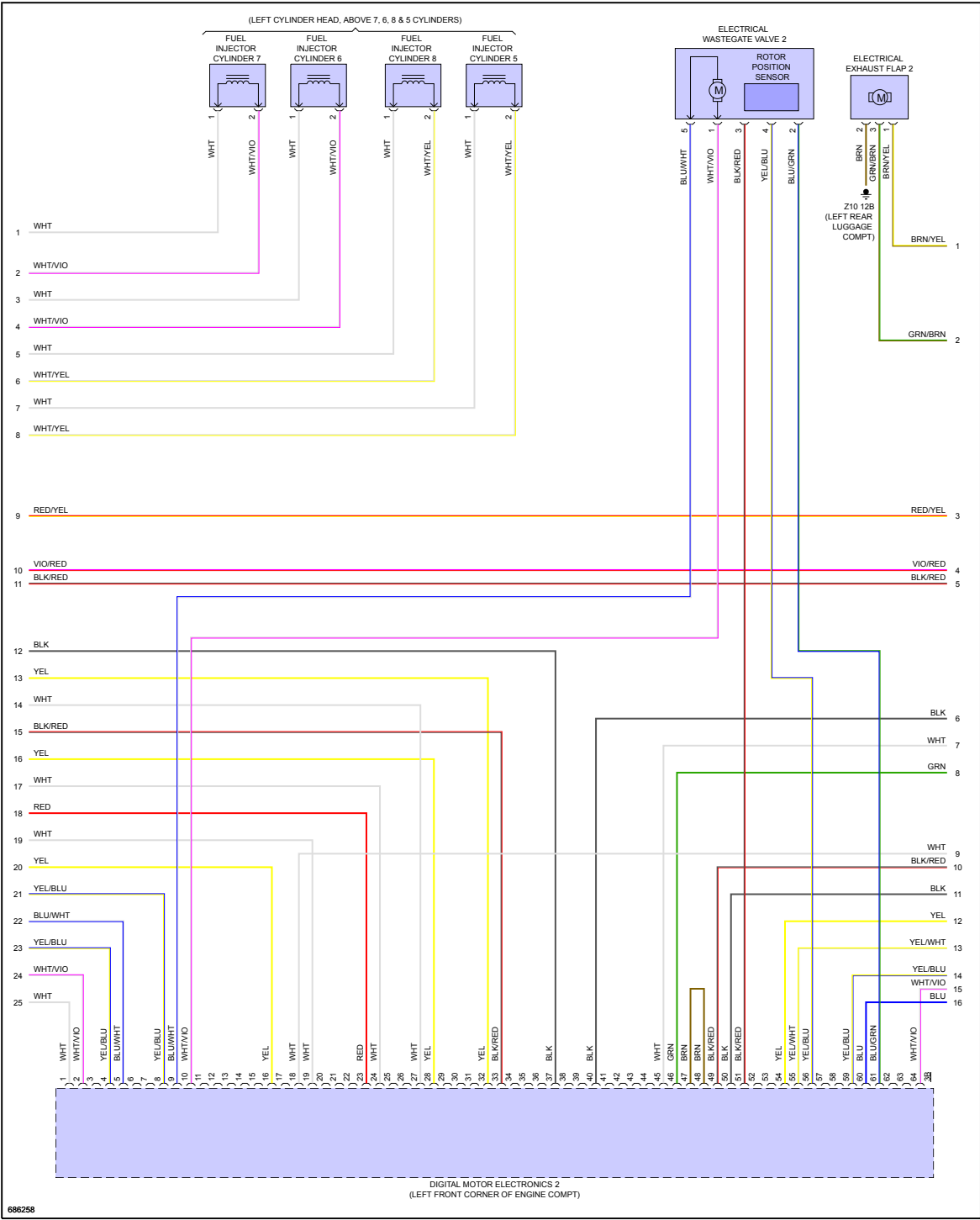


Fig 10: 4.4L Turbo, Engine Performance Circuit (10 of 11)

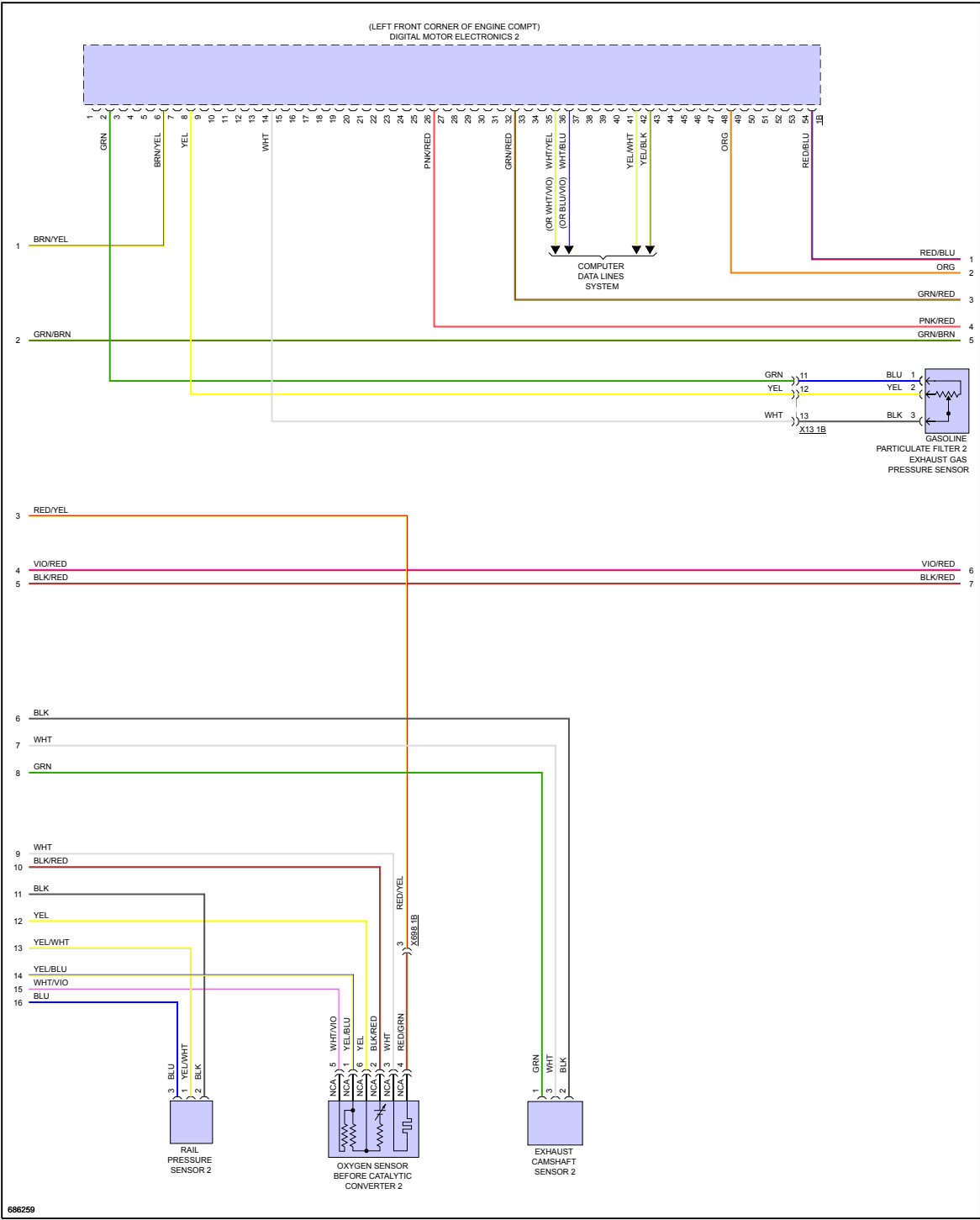
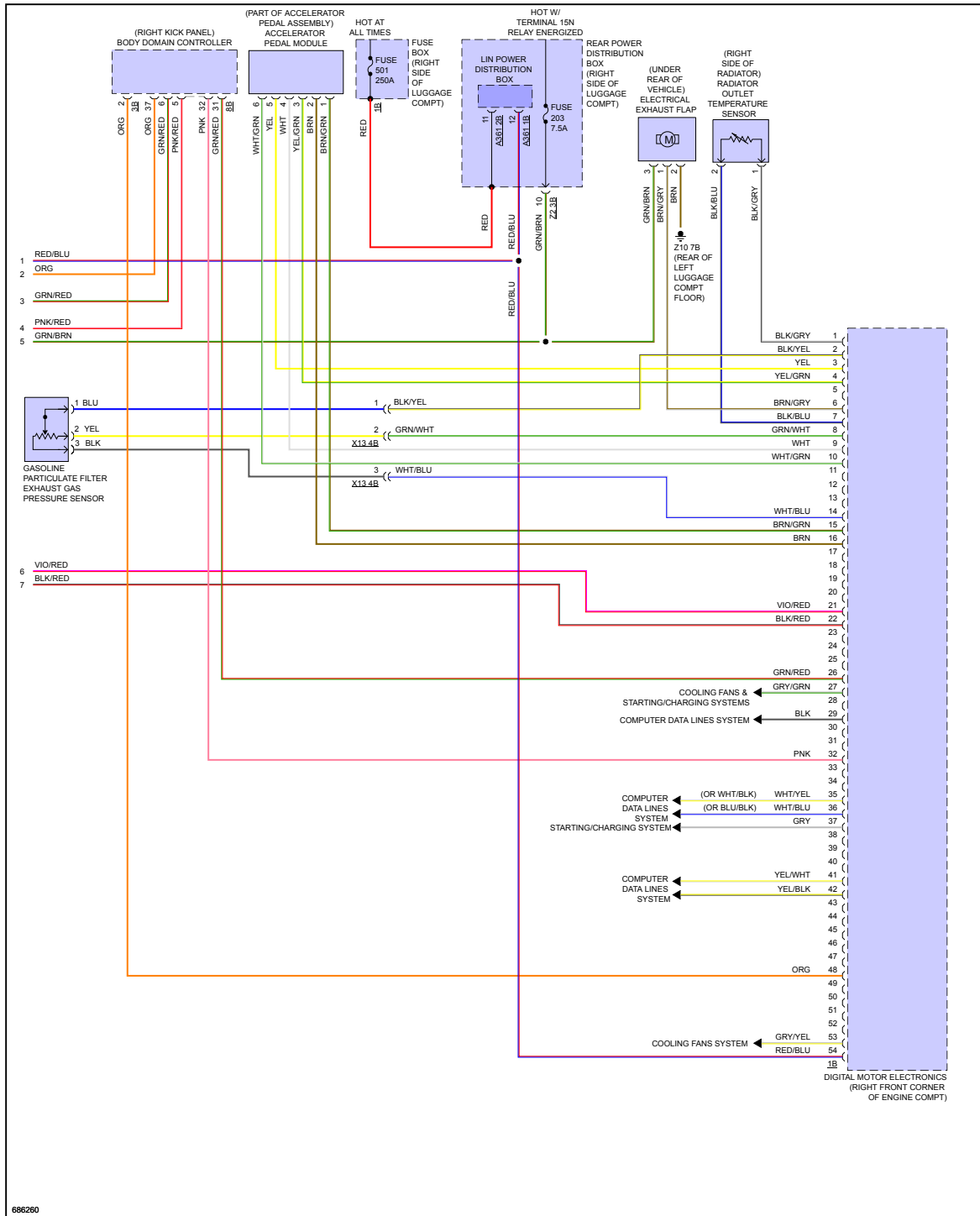


Fig 11: 4.4L Turbo, Engine Performance Circuit (11 of 11)



EXTERIOR LIGHTS

Fig 1: Backup Lamps Circuit

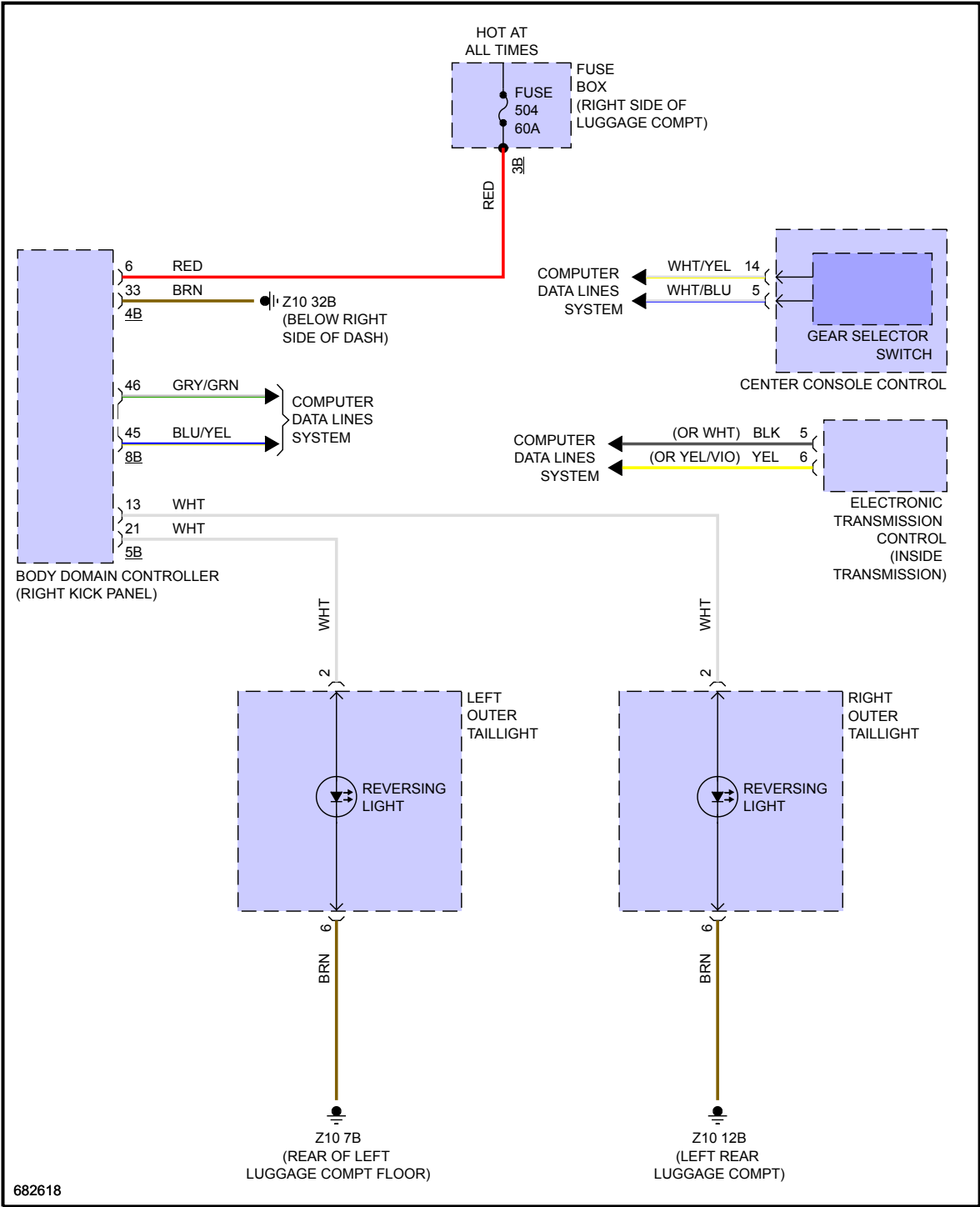


Fig 2: Exterior Lamps Circuit (1 of 4)

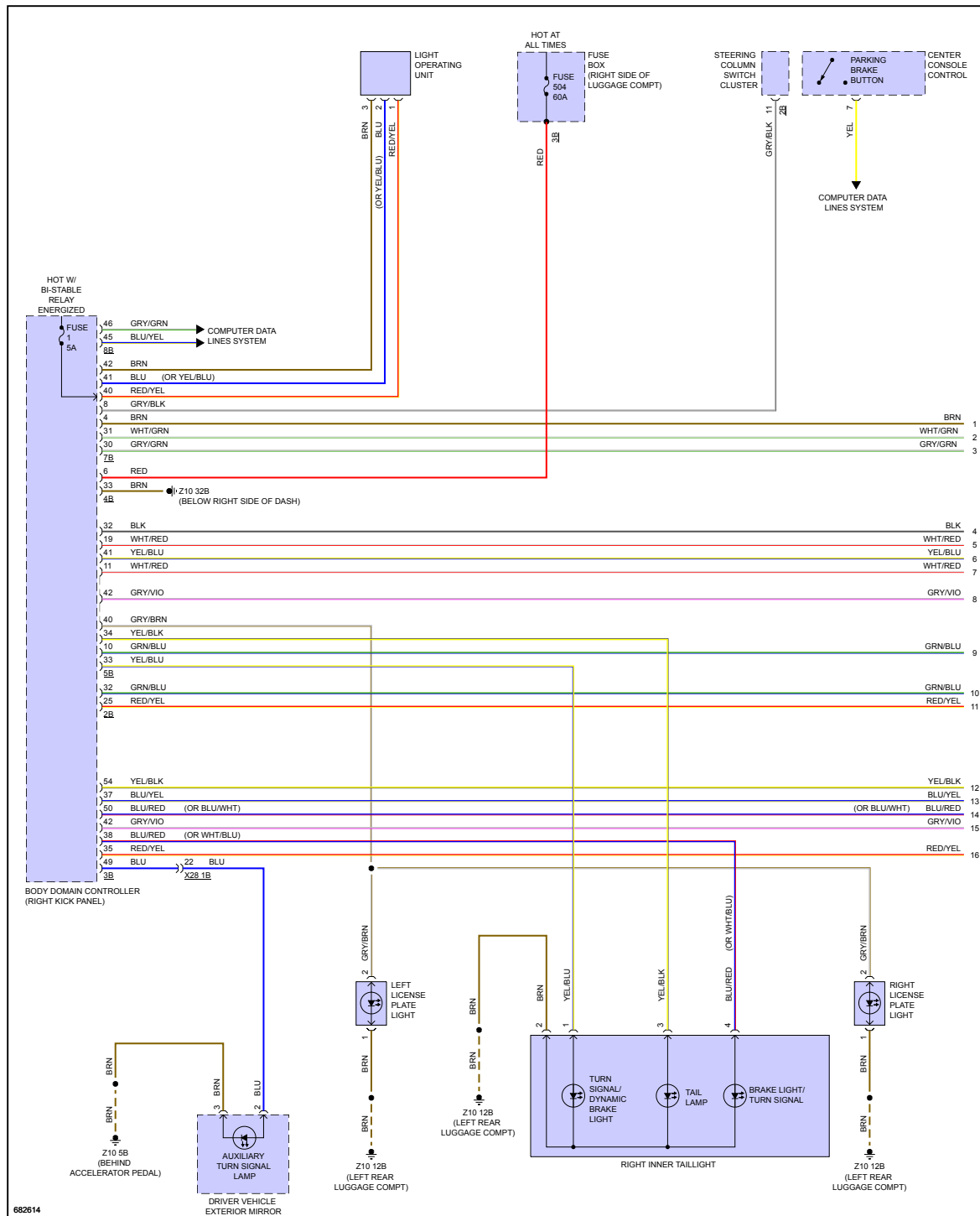


Fig 3: Exterior Lamps Circuit (2 of 4)

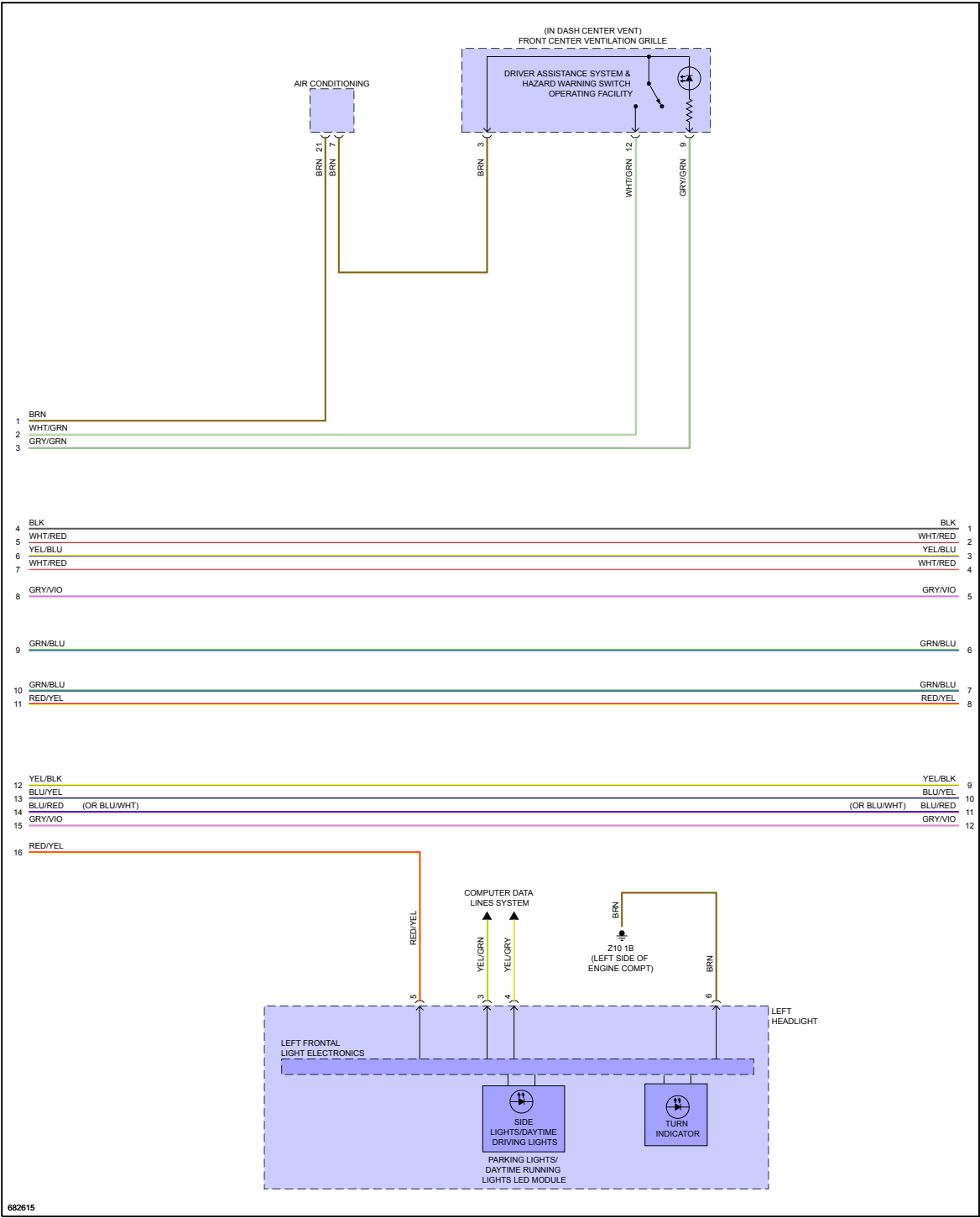


Fig 4: Exterior Lamps Circuit (3 of 4)

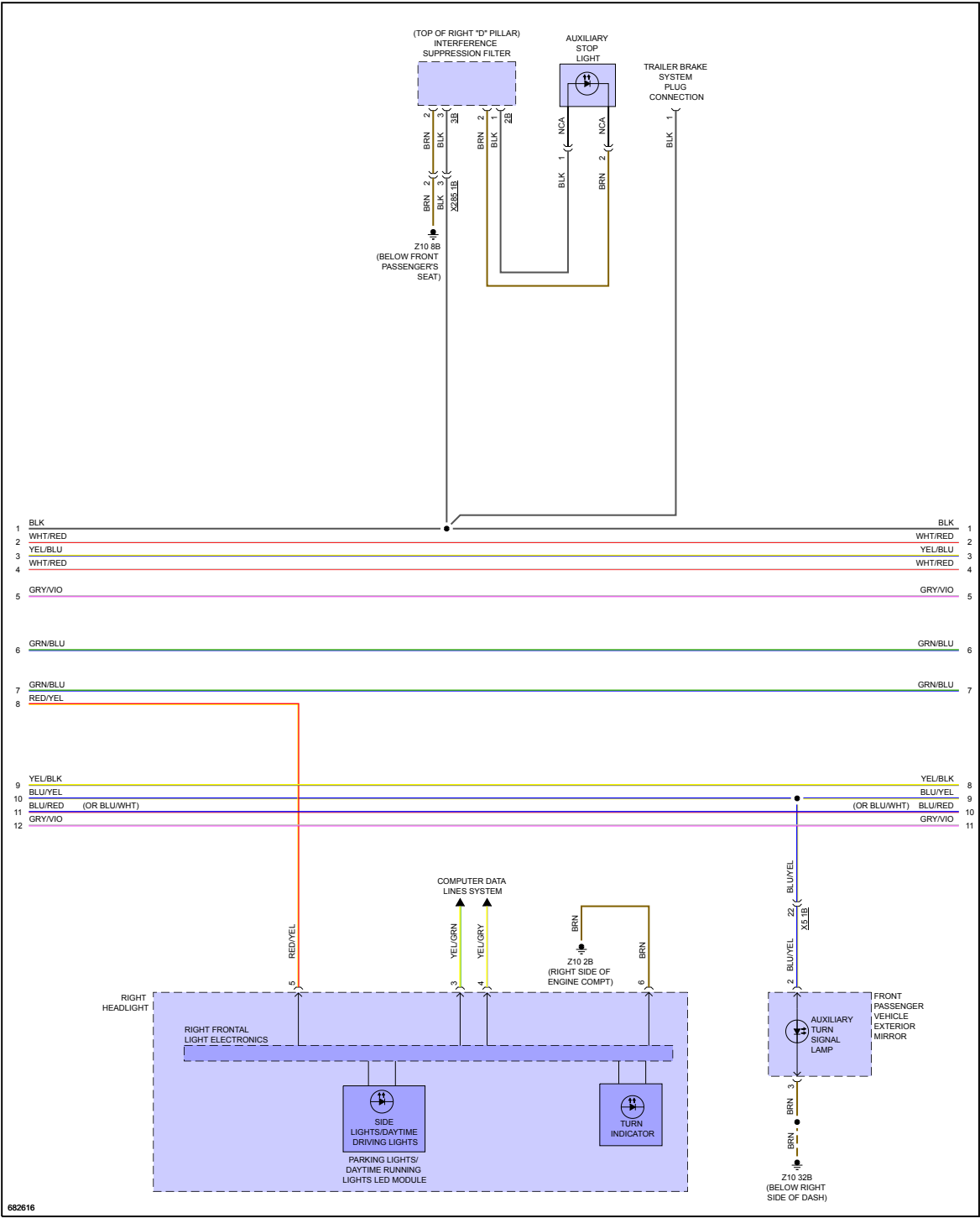


Fig 5: Exterior Lamps Circuit (4 of 4)

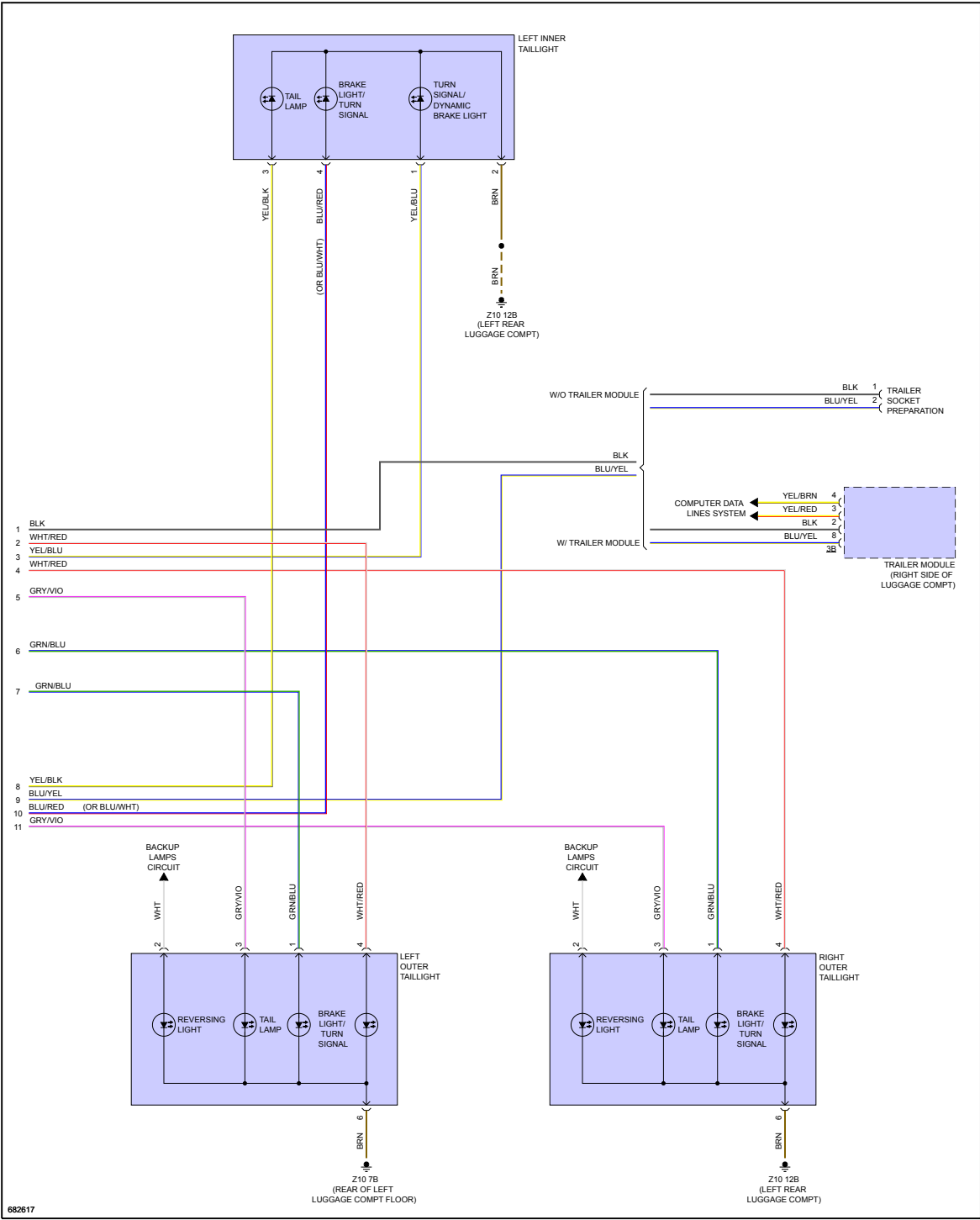
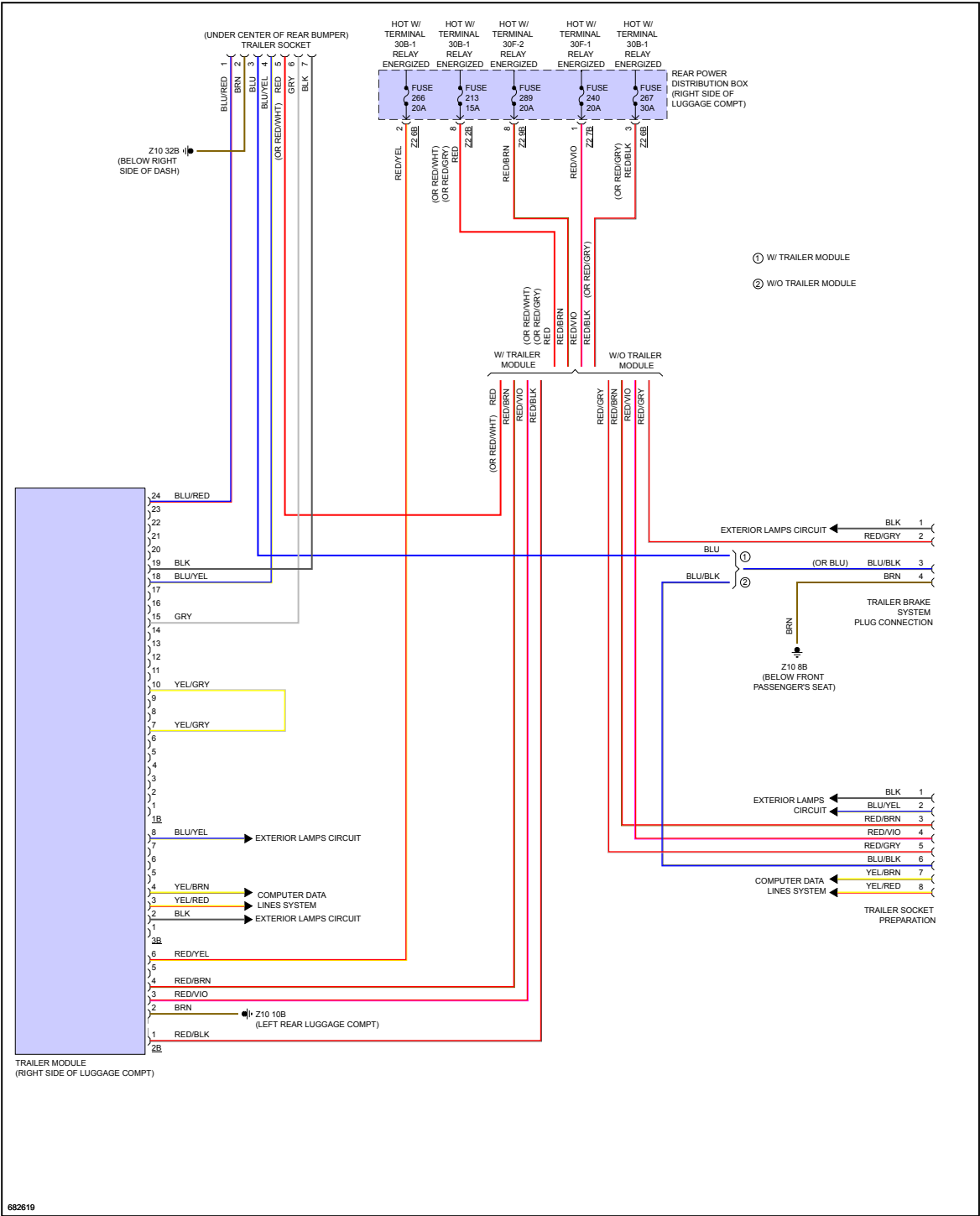


Fig 6: Trailer Tow Circuit



GROUND DISTRIBUTION

Fig 1: Ground Distribution Circuit (1 of 7)

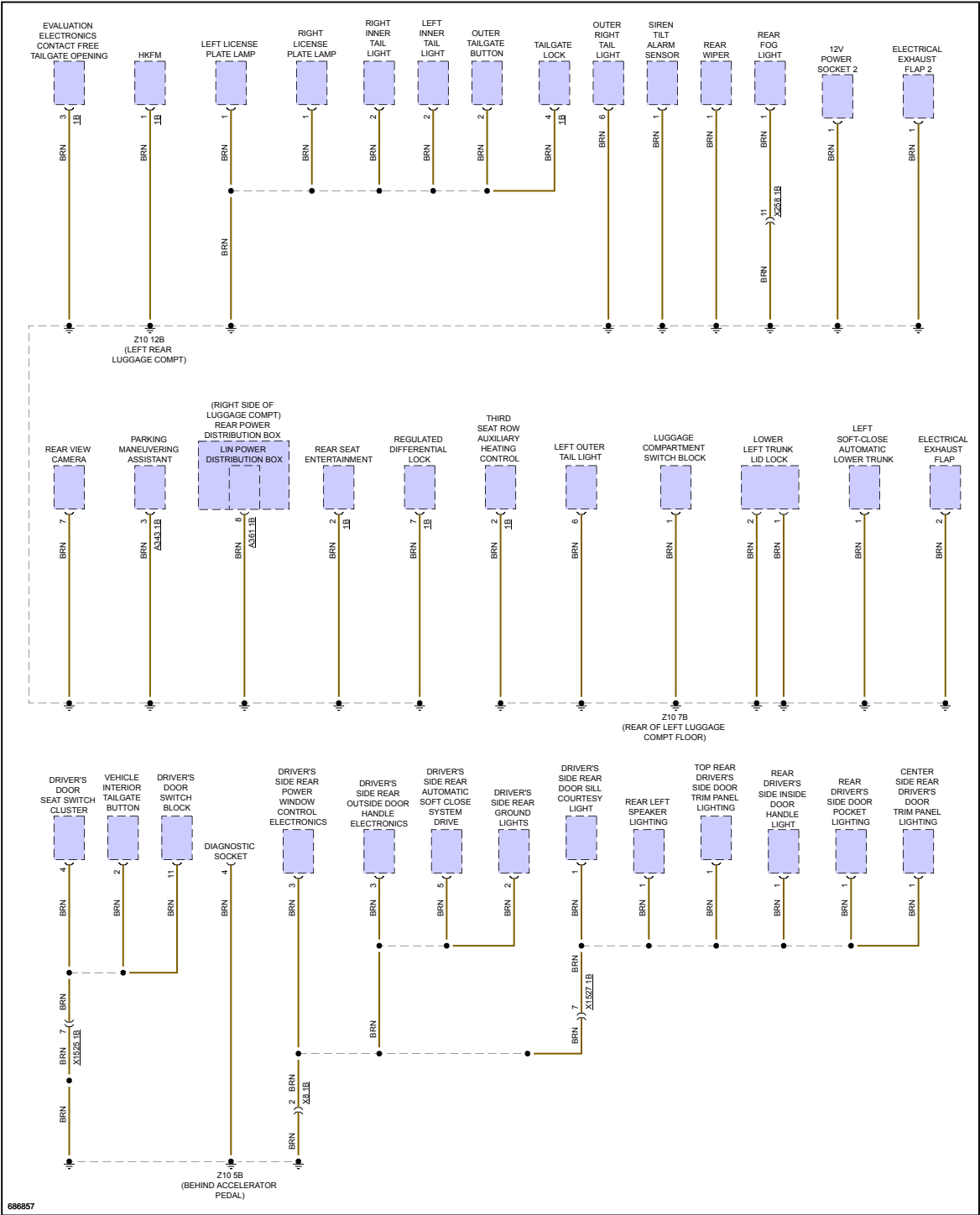


Fig 2: Ground Distribution Circuit (2 of 7)

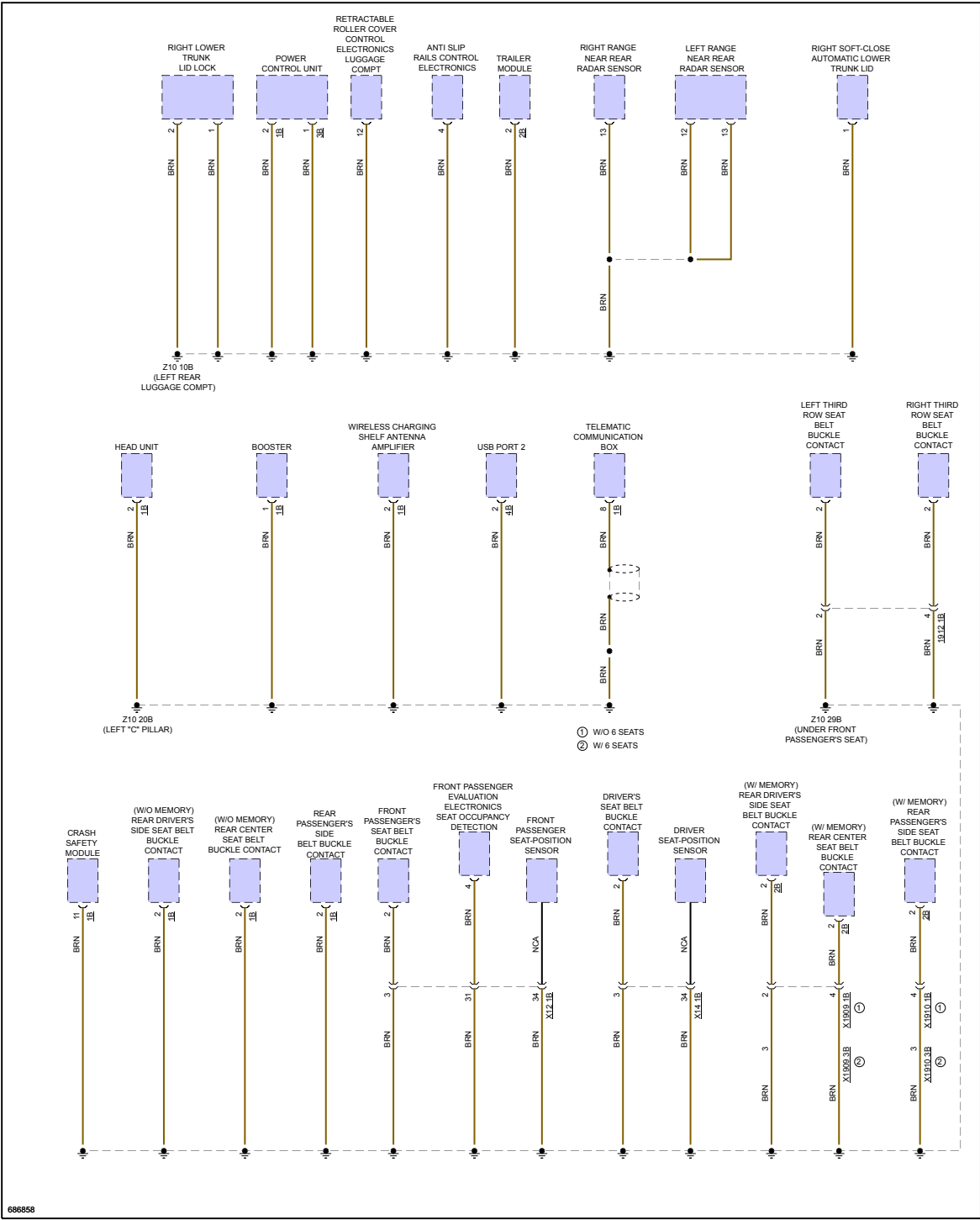


Fig 3: Ground Distribution Circuit (3 of 7)

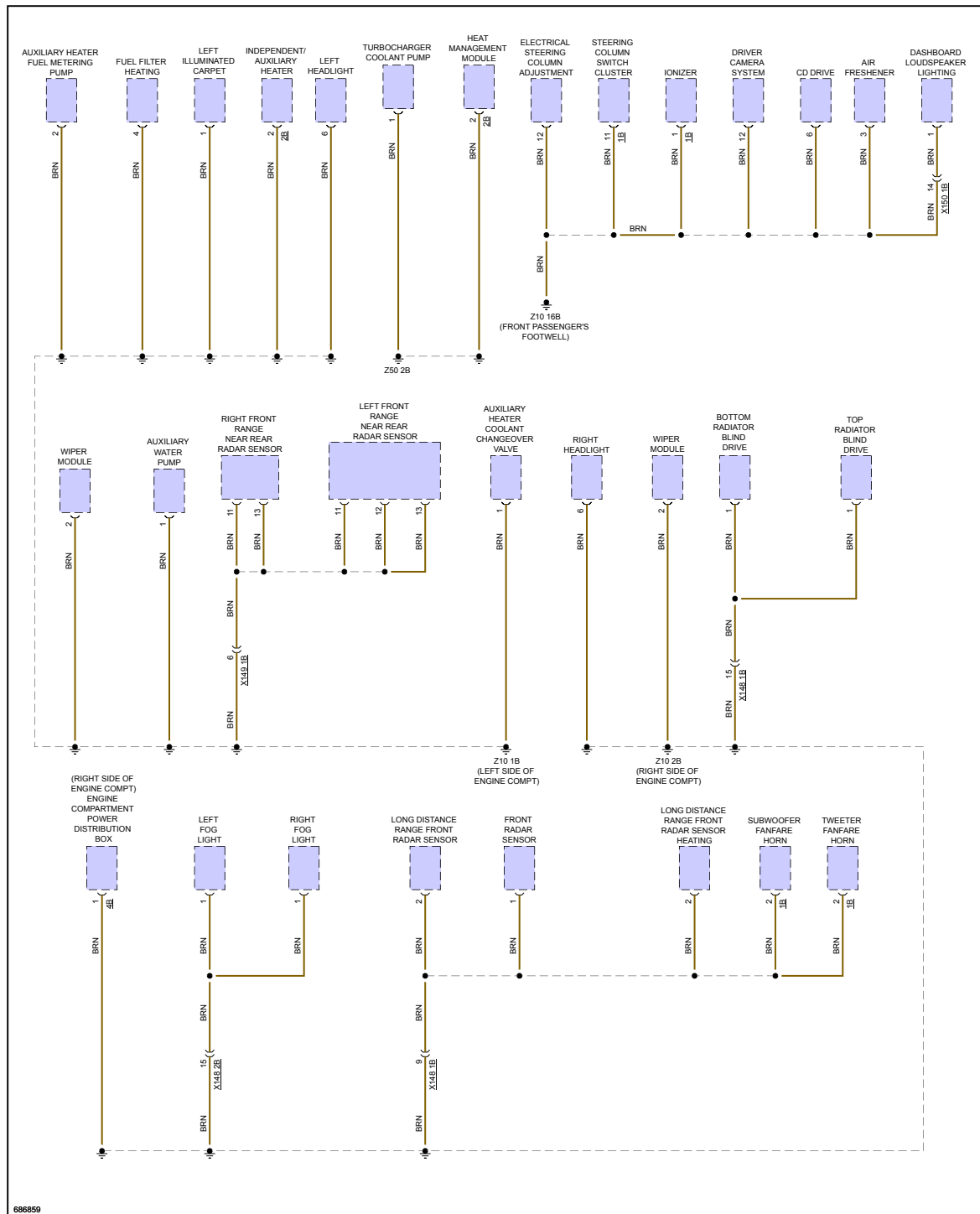


Fig 4: Ground Distribution Circuit (4 of 7)

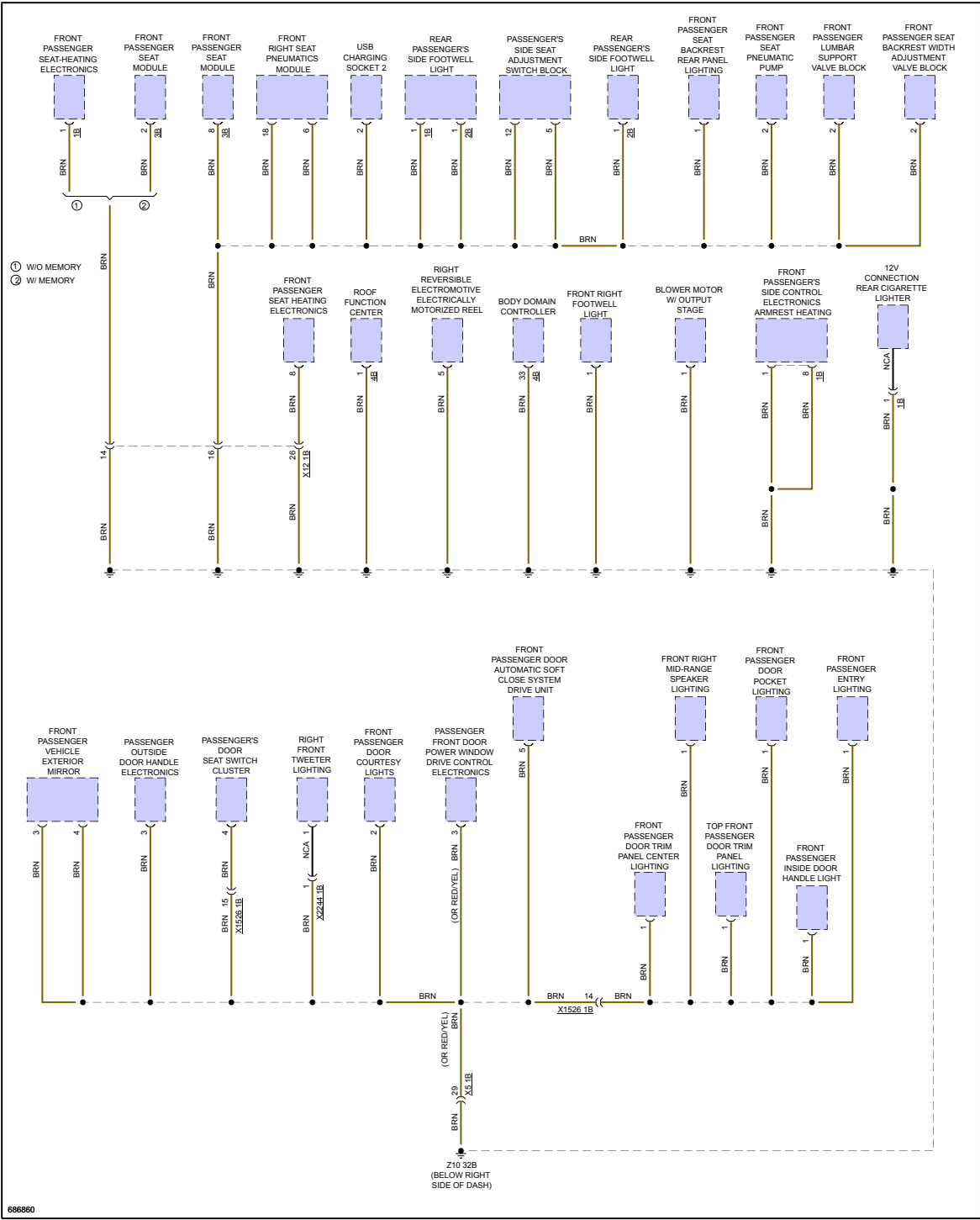


Fig 5: Ground Distribution Circuit (5 of 7)

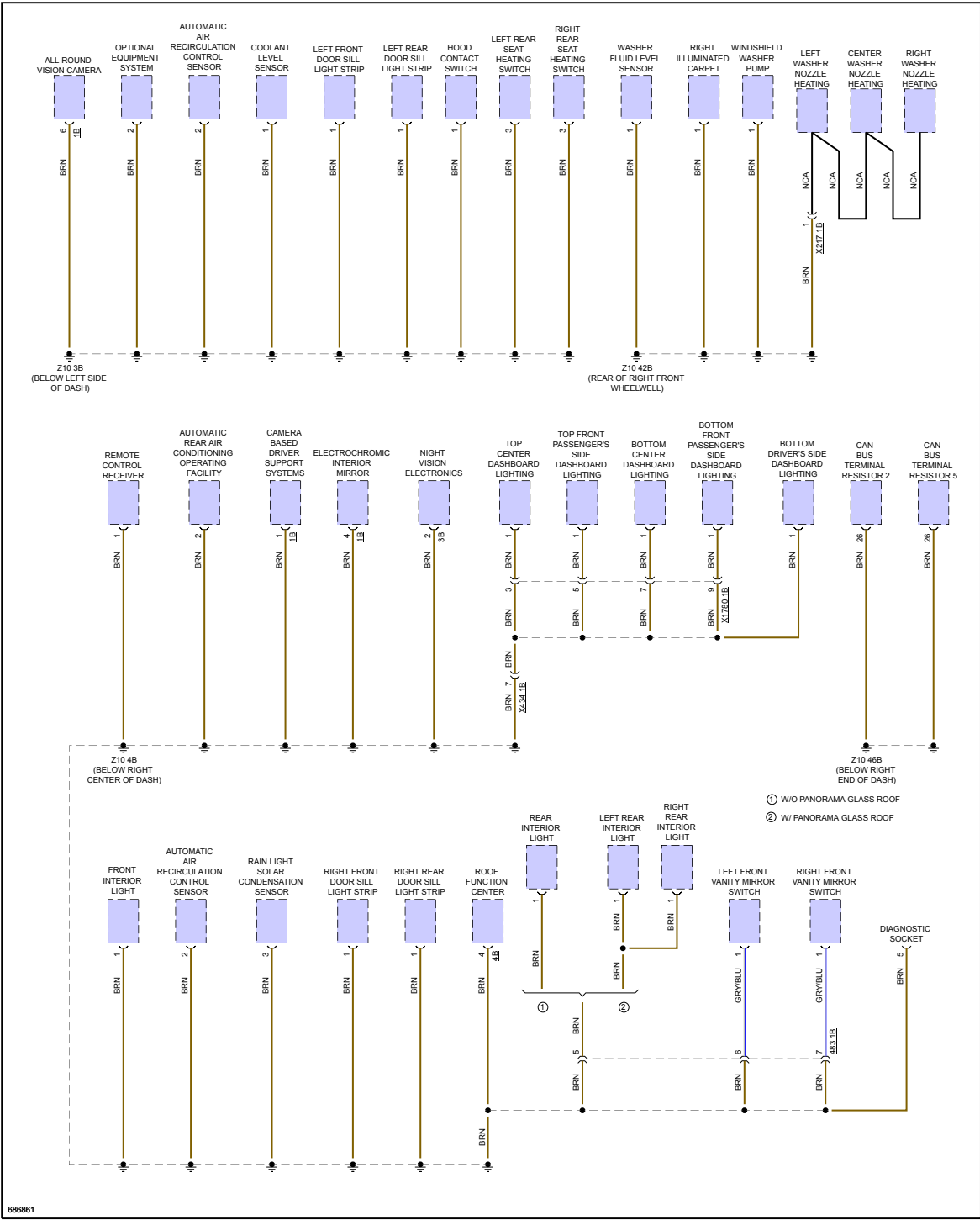


Fig 6: Ground Distribution Circuit (6 of 7)

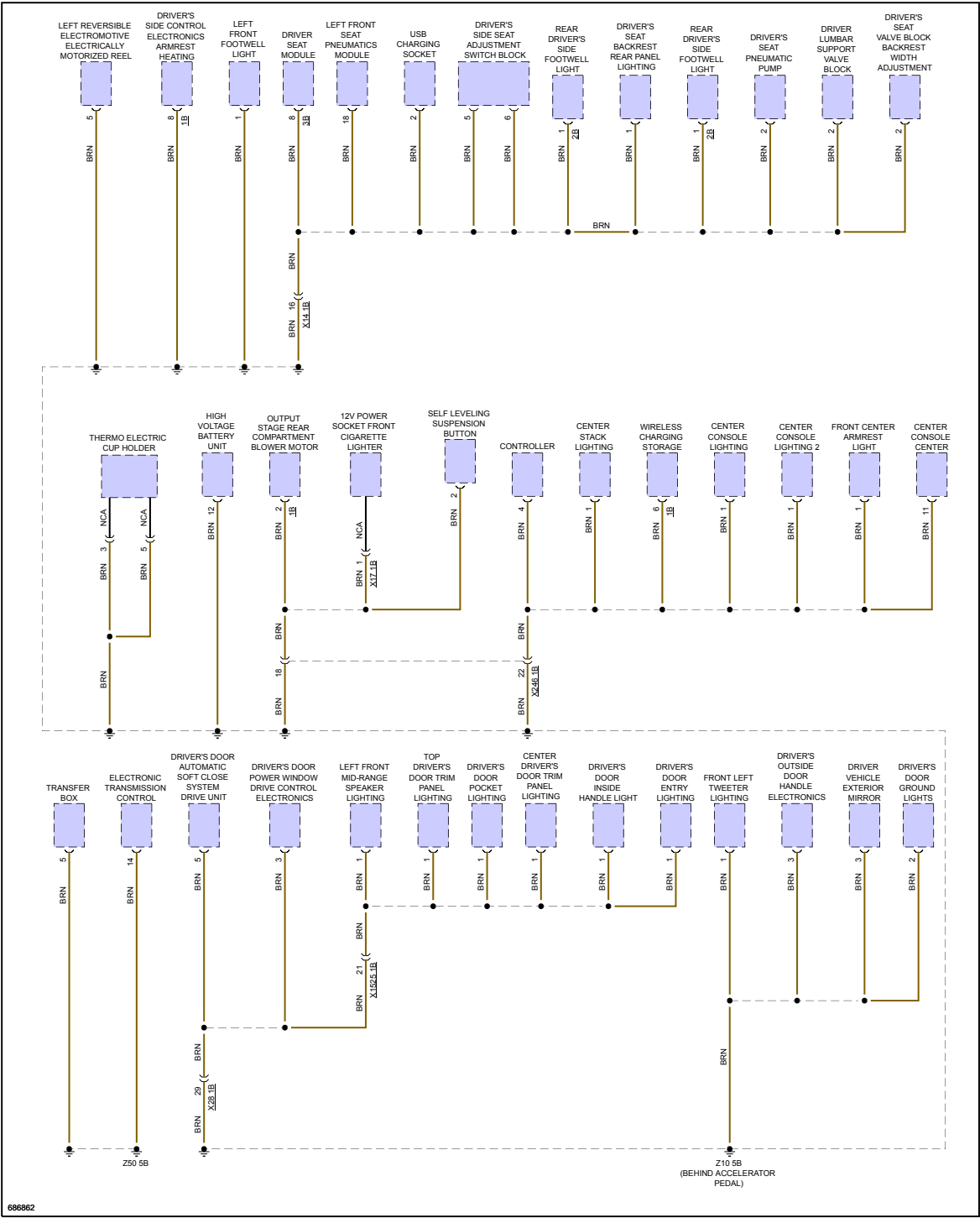
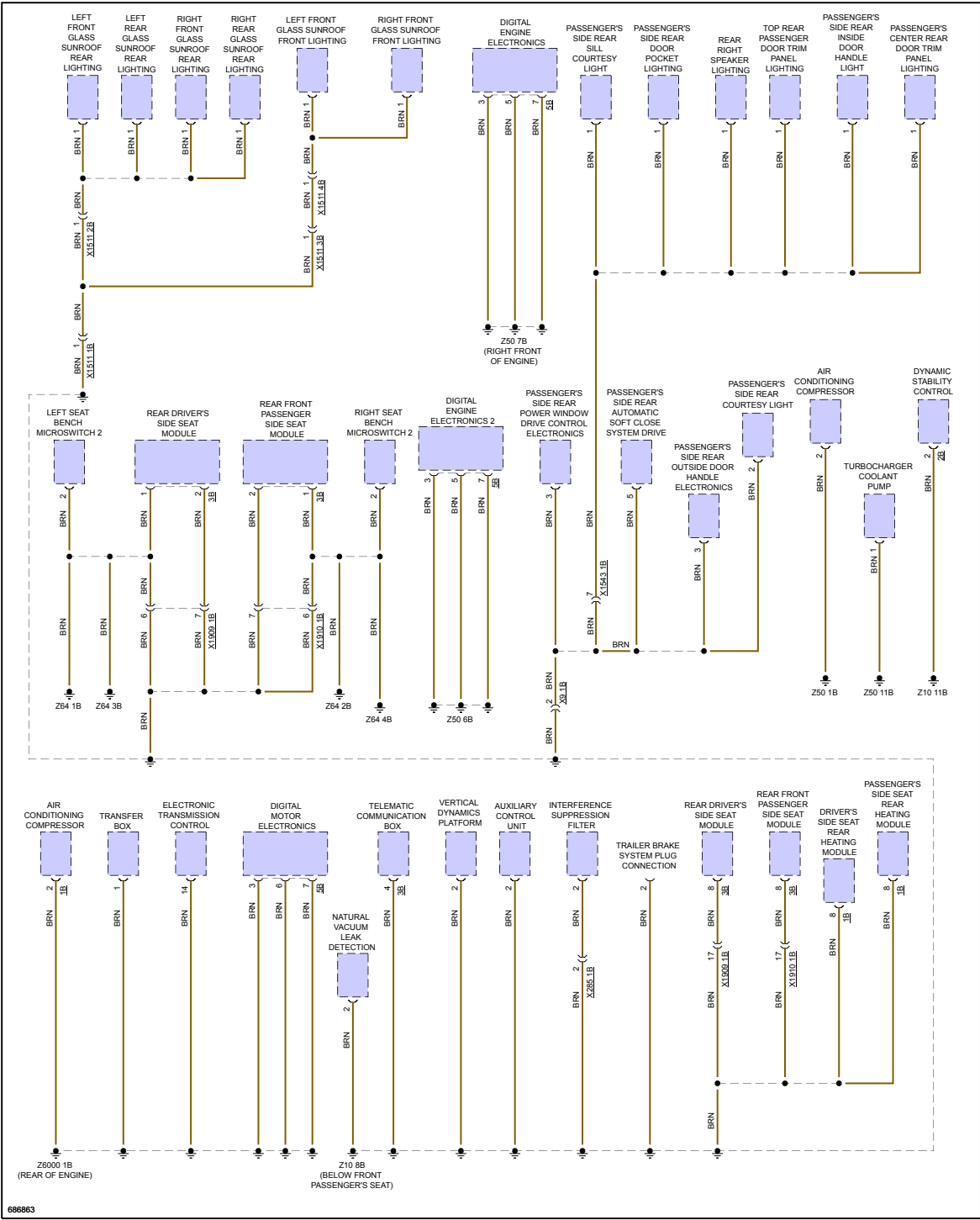


Fig 7: Ground Distribution Circuit (7 of 7)



HEADLIGHTS

Fig 1: Headlights Circuit (1 of 2)

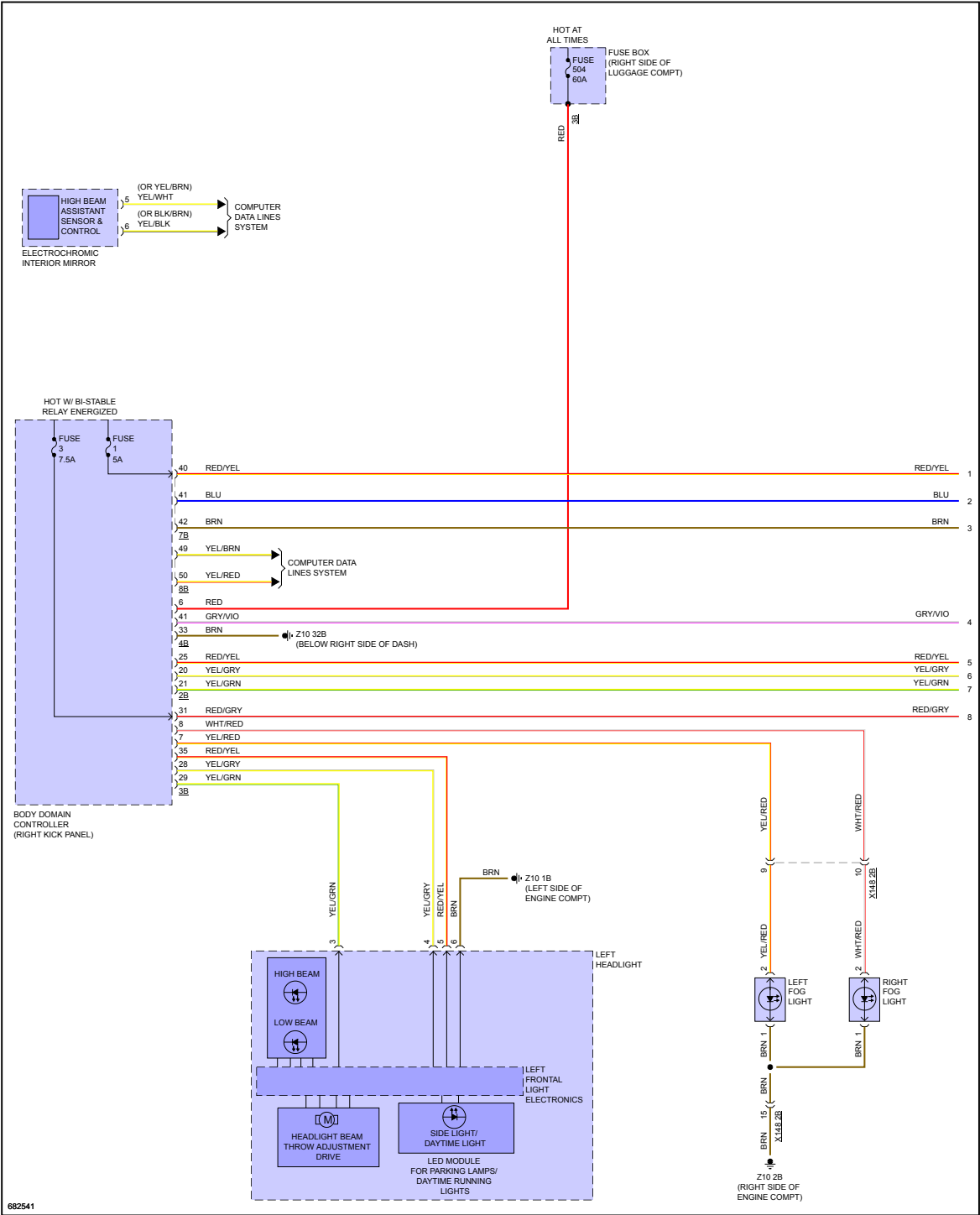
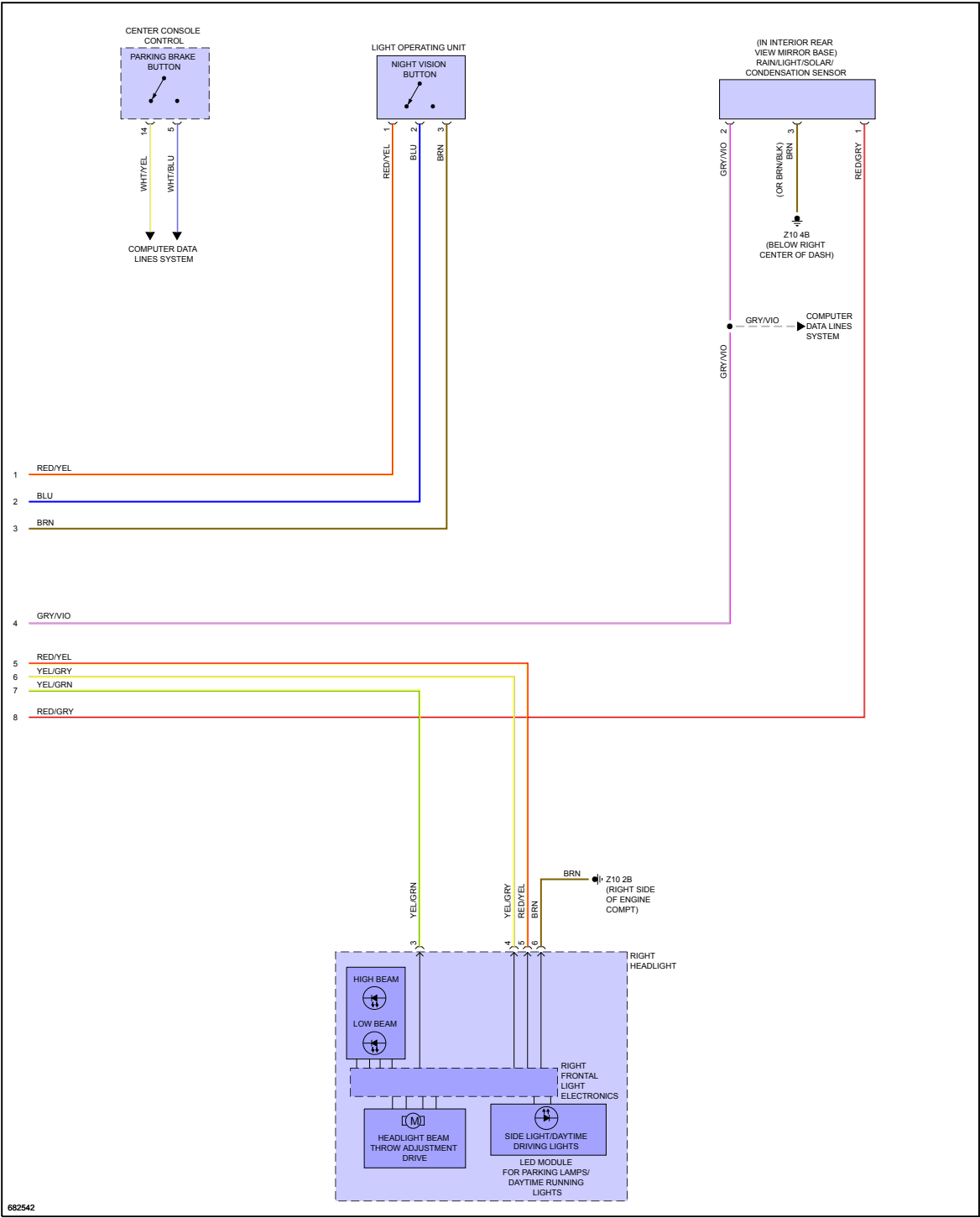
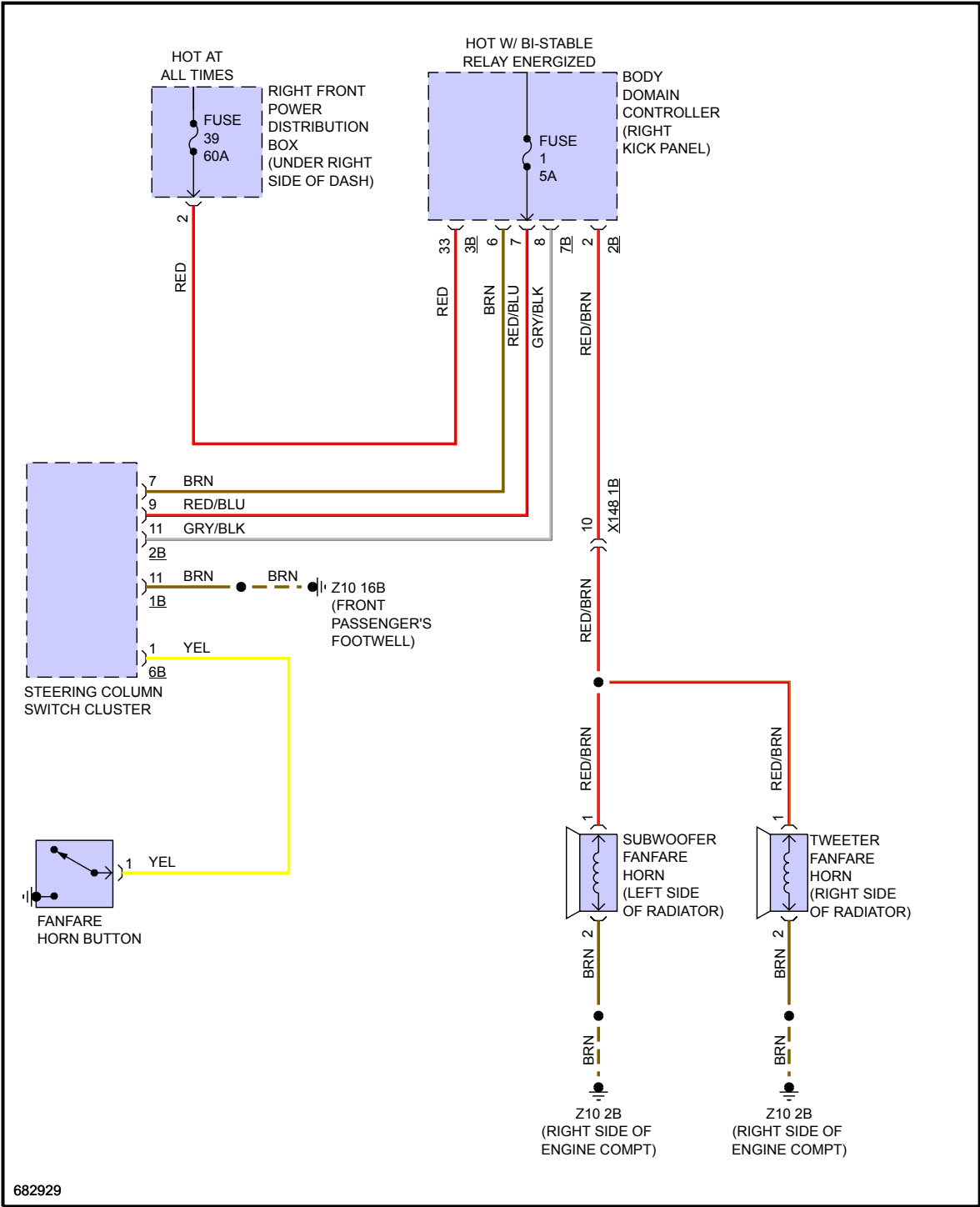


Fig 2: Headlights Circuit (2 of 2)



HORN

Fig 1: Horn Circuit



INSTRUMENT CLUSTER

Fig 1: Electronic Night Vision Circuit

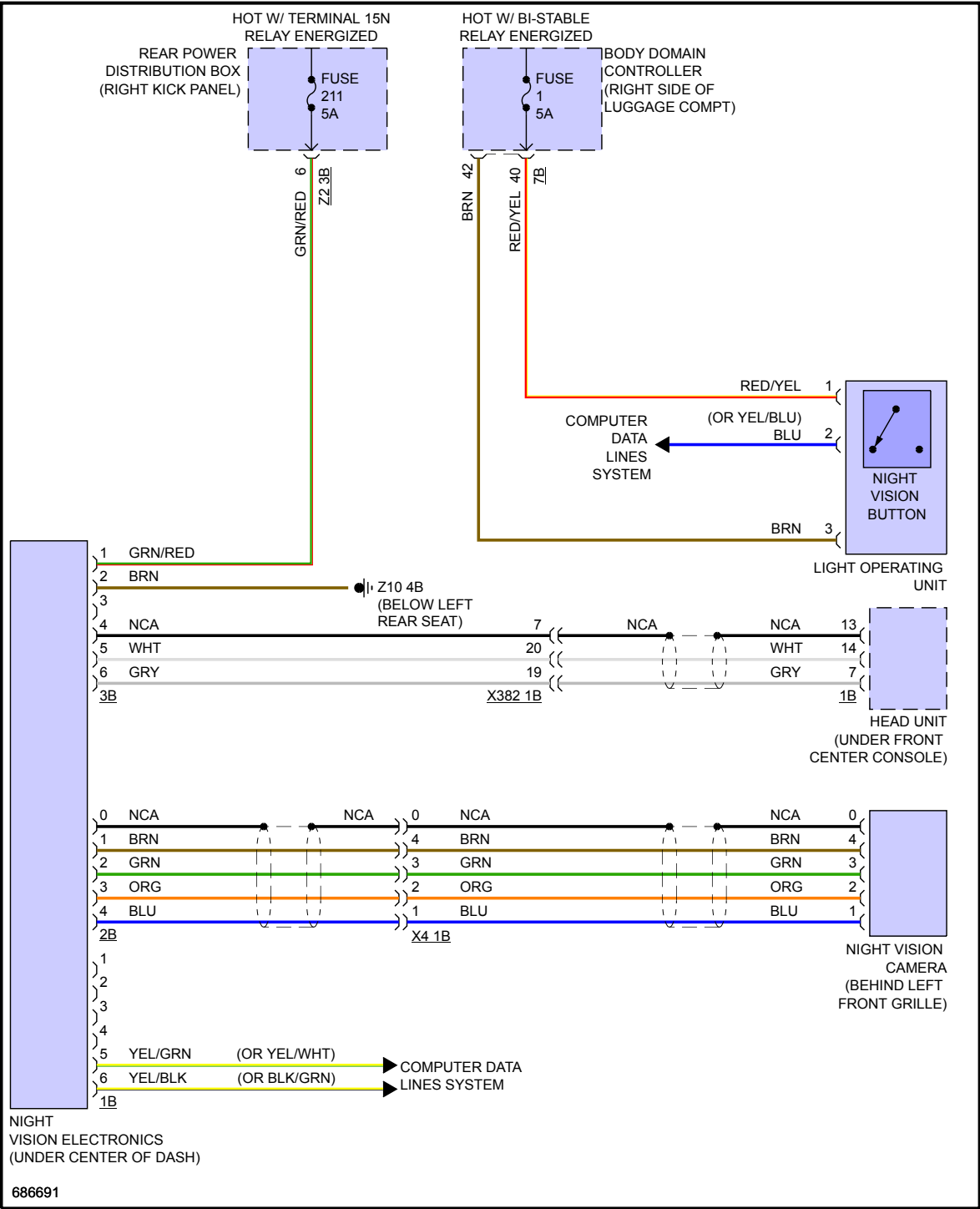


Fig 2: Instrument Cluster Circuit

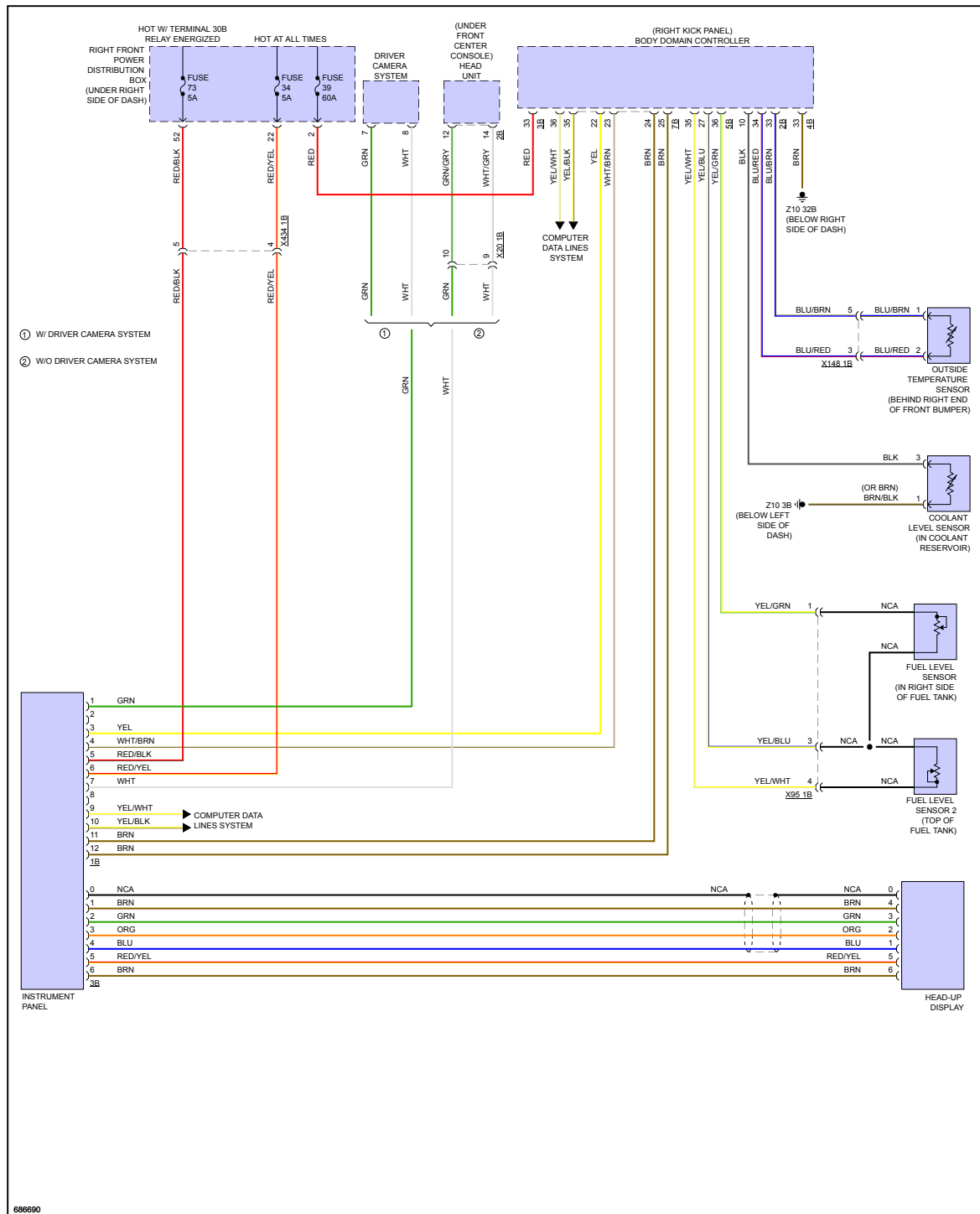


Fig 1: Courtesy Lamps Circuit (1 of 6)

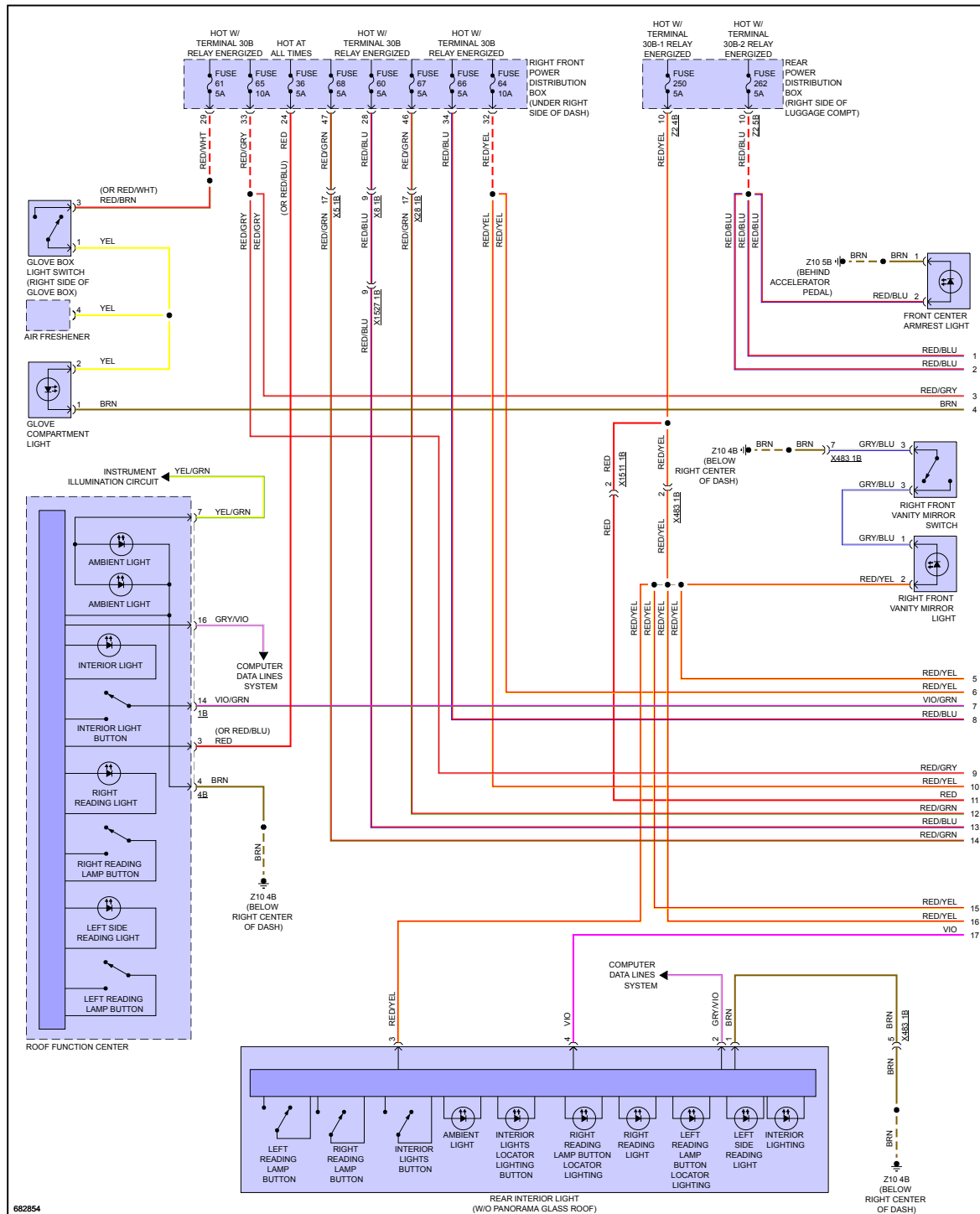


Fig 2: Courtesy Lamps Circuit (2 of 6)



Fig 3: Courtesy Lamps Circuit (3 of 6)



Fig 4: Courtesy Lamps Circuit (4 of 6)

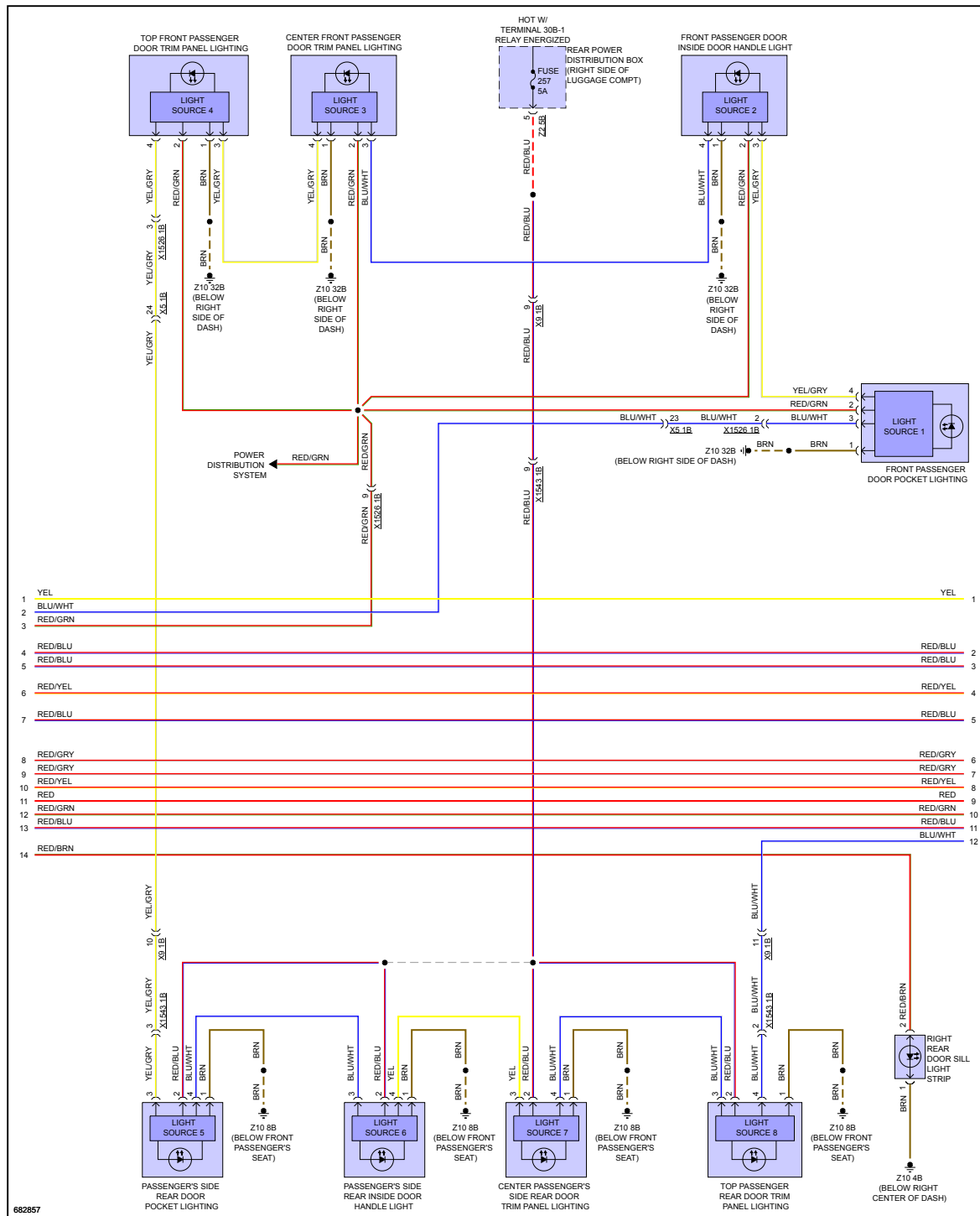


Fig 5: Courtesy Lamps Circuit (5 of 6)

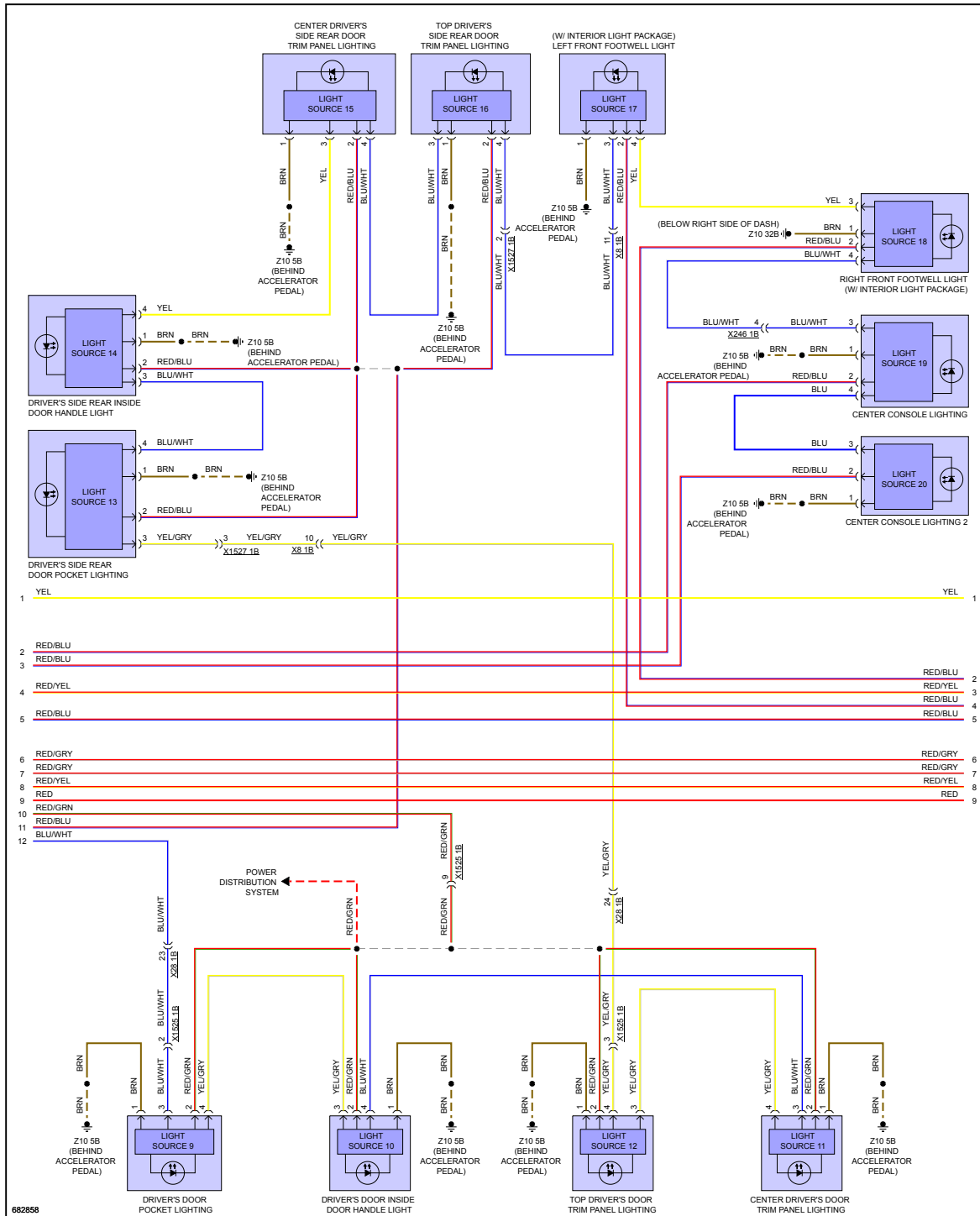


Fig 6: Courtesy Lamps Circuit (6 of 6)



Wiring Diagram: Body Domain Controller (Right Kick Panel) Connections

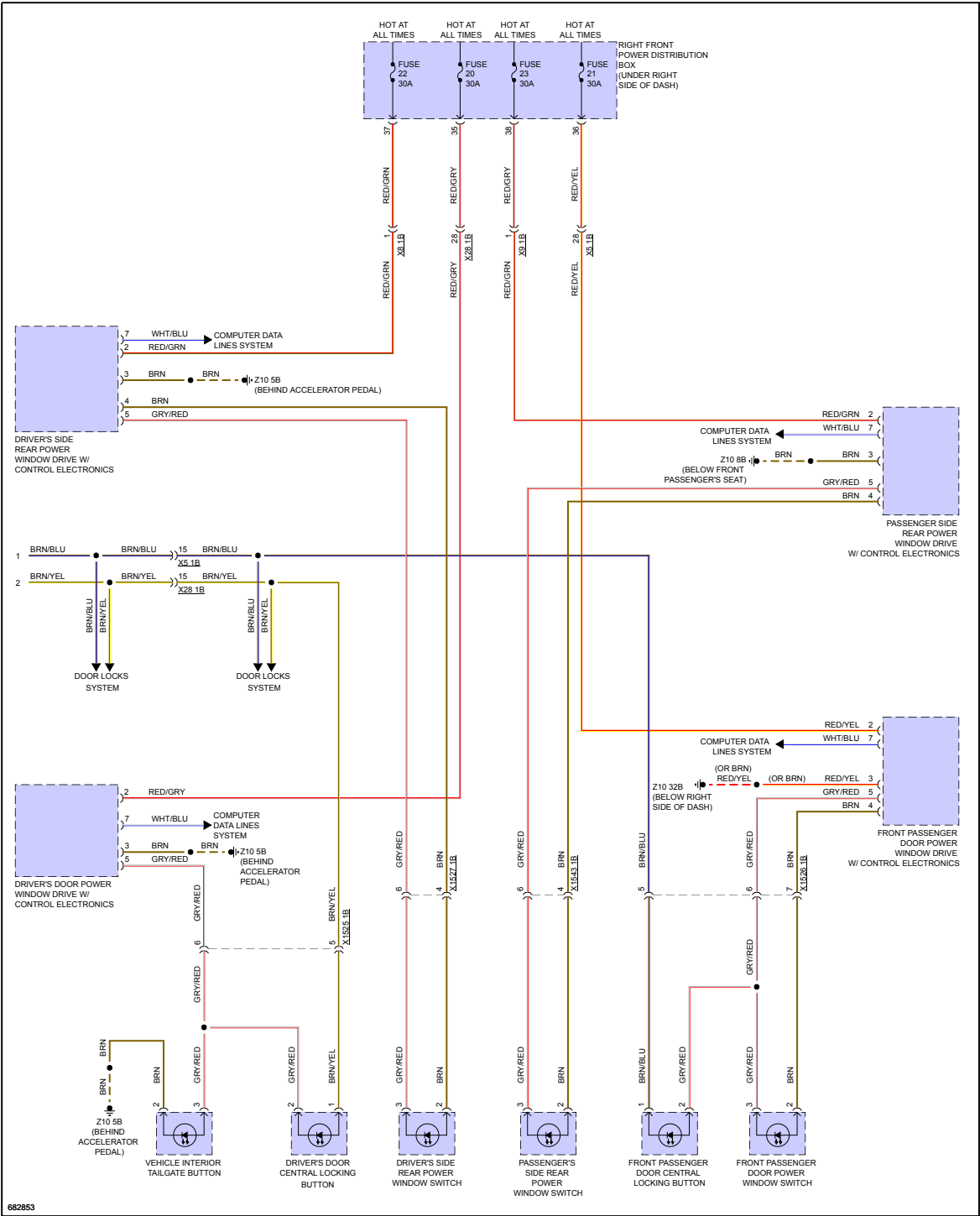
Legend:

- 1: BRN
- 2: YEL/GRN
- 3: GRN
- 4: ORG/GRN
- 5: RED/YEL
- 6: YEL/BLU (OR BLU)
- 7: BRN
- 8: GRN
- 9: RED
- 10: BRN
- 11: BRN/BLU
- 12: BRN/YEL
- 13: YEL/GRN
- 14: BLK/BRN
- 15: BRN
- 16: YEL/GRN
- 17: GRN
- 18: YEL/GRN
- 19: GRN
- 20: YEL/GRN
- 21: YEL/GRN
- 22: YEL/GRN
- 23: GRN
- 24: YEL/GRN
- 25: GRN
- 26: YEL/GRN
- 27: GRN
- 28: YEL/GRN
- 29: GRN
- 30: YEL/GRN
- 31: BLK/WHT
- 32: GRN
- 33: ORG/GRN
- 34: RED/YEL
- 35: YEL/BLU (OR BLU)
- 36: BRN
- 37: GRN
- 38: RED
- 39: BRN
- 40: BRN/BLU
- 41: BRN/YEL
- 42: YEL/GRN
- 43: BLK/BRN
- 44: BRN
- 45: YEL/GRN
- 46: GRN
- 47: YEL/GRN
- 48: GRN
- 49: YEL/GRN
- 50: GRN
- 51: YEL/GRN
- 52: GRN
- 53: YEL/GRN
- 54: GRN
- 55: YEL/GRN
- 56: GRN
- 57: YEL/GRN
- 58: GRN
- 59: YEL/GRN
- 60: GRN
- 61: YEL/GRN
- 62: GRN
- 63: YEL/GRN
- 64: GRN
- 65: YEL/GRN
- 66: GRN
- 67: YEL/GRN
- 68: GRN
- 69: YEL/GRN
- 70: GRN
- 71: YEL/GRN
- 72: GRN
- 73: YEL/GRN
- 74: GRN
- 75: YEL/GRN
- 76: GRN
- 77: YEL/GRN
- 78: GRN
- 79: YEL/GRN
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- 84: GRN
- 85: YEL/GRN
- 86: GRN
- 87: YEL/GRN
- 88: GRN
- 89: YEL/GRN
- 90: GRN
- 91: YEL/GRN
- 92: GRN
- 93: YEL/GRN
- 94: GRN
- 95: YEL/GRN
- 96: GRN
- 97: YEL/GRN
- 98: GRN
- 99: YEL/GRN
- 100: GRN

Components and Connections:

- LEFT ILLUMINATED CARPET:** 1: BRN, 2: YEL/GRN
- RIGHT ILLUMINATED CARPET:** 1: BRN, 2: YEL/GRN
- LIGHT OPERATING UNIT:** 1: RED/YEL, 2: YEL/BLU (OR BLU), 3: BRN
- HOT AT ALL TIMES:** 1: RED
- FUSE BOX (RIGHT SIDE OF LUGGAGE COMPT):** 1: RED, 2: YEL/GRN, 3: YEL/GRN, 4: YEL/GRN, 5: YEL/GRN, 6: YEL/GRN, 7: YEL/GRN, 8: YEL/GRN, 9: YEL/GRN, 10: YEL/GRN, 11: YEL/GRN, 12: YEL/GRN, 13: YEL/GRN, 14: YEL/GRN, 15: YEL/GRN, 16: YEL/GRN, 17: YEL/GRN, 18: YEL/GRN, 19: YEL/GRN, 20: YEL/GRN, 21: YEL/GRN, 22: YEL/GRN, 23: YEL/GRN, 24: YEL/GRN, 25: YEL/GRN, 26: YEL/GRN, 27: YEL/GRN, 28: YEL/GRN, 29: YEL/GRN, 30: YEL/GRN, 31: YEL/GRN, 32: YEL/GRN, 33: YEL/GRN, 34: YEL/GRN, 35: YEL/GRN, 36: YEL/GRN, 37: YEL/GRN, 38: YEL/GRN, 39: YEL/GRN, 40: YEL/GRN, 41: YEL/GRN, 42: YEL/GRN, 43: YEL/GRN, 44: YEL/GRN, 45: YEL/GRN, 46: YEL/GRN, 47: YEL/GRN, 48: YEL/GRN, 49: YEL/GRN, 50: YEL/GRN, 51: YEL/GRN, 52: YEL/GRN, 53: YEL/GRN, 54: YEL/GRN, 55: YEL/GRN, 56: YEL/GRN, 57: YEL/GRN, 58: YEL/GRN, 59: YEL/GRN, 60: YEL/GRN, 61: YEL/GRN, 62: YEL/GRN, 63: YEL/GRN, 64: YEL/GRN, 65: YEL/GRN, 66: YEL/GRN, 67: YEL/GRN, 68: YEL/GRN, 69: YEL/GRN, 70: YEL/GRN, 71: YEL/GRN, 72: YEL/GRN, 73: YEL/GRN, 74: YEL/GRN, 75: YEL/GRN, 76: YEL/GRN, 77: YEL/GRN, 78: YEL/GRN, 79: YEL/GRN, 80: YEL/GRN, 81: YEL/GRN, 82: YEL/GRN, 83: YEL/GRN, 84: YEL/GRN, 85: YEL/GRN, 86: YEL/GRN, 87: YEL/GRN, 88: YEL/GRN, 89: YEL/GRN, 90: YEL/GRN, 91: YEL/GRN, 92: YEL/GRN, 93: YEL/GRN, 94: YEL/GRN, 95: YEL/GRN, 96: YEL/GRN, 97: YEL/GRN, 98: YEL/GRN, 99: YEL/GRN, 100: YEL/GRN
- USB CHARGING SOCKET:** 1: NCA, 2: NCA, 3: NCA, 4: NCA, 5: NCA, 6: NCA, 7: NCA, 8: NCA, 9: NCA, 10: NCA, 11: NCA, 12: NCA, 13: NCA, 14: NCA, 15: NCA, 16: NCA, 17: NCA, 18: NCA, 19: NCA, 20: NCA, 21: NCA, 22: NCA, 23: NCA, 24: NCA, 25: NCA, 26: NCA, 27: NCA, 28: NCA, 29: NCA, 30: NCA, 31: NCA, 32: NCA, 33: NCA, 34: NCA, 35: NCA, 36: NCA, 37: NCA, 38: NCA, 39: NCA, 40: NCA, 41: NCA, 42: NCA, 43: NCA, 44: NCA, 45: NCA, 46: NCA, 47: NCA, 48: NCA, 49: NCA, 50: NCA, 51: NCA, 52: NCA, 53: NCA, 54: NCA, 55: NCA, 56: NCA, 57: NCA, 58: NCA, 59: NCA, 60: NCA, 61: NCA, 62: NCA, 63: NCA, 64: NCA, 65: NCA, 66: NCA, 67: NCA, 68: NCA, 69: NCA, 70: NCA, 71: NCA, 72: NCA, 73: NCA, 74: NCA, 75: NCA, 76: NCA, 77: NCA, 78: NCA, 79: NCA, 80: NCA, 81: NCA, 82: NCA, 83: NCA, 84: NCA, 85: NCA, 86: NCA, 87: NCA, 88: NCA, 89: NCA, 90: NCA, 91: NCA, 92: NCA, 93: NCA, 94: NCA, 95: NCA, 96: NCA, 97: NCA, 98: NCA, 99: NCA, 100: NCA
- USB CHARGING SOCKET 2:** 1: NCA, 2: NCA, 3: NCA, 4: NCA, 5: NCA, 6: NCA, 7: NCA, 8: NCA, 9: NCA, 10: NCA, 11: NCA, 12: NCA, 13: NCA, 14: NCA, 15: NCA, 16: NCA, 17: NCA, 18: NCA, 19: NCA, 20: NCA, 21: NCA, 22: NCA, 23: NCA, 24: NCA, 25: NCA, 26: NCA, 27: NCA, 28: NCA, 29: NCA, 30: NCA, 31: NCA, 32: NCA, 33: NCA, 34: NCA, 35: NCA, 36: NCA, 37: NCA, 38: NCA, 39: NCA, 40: NCA, 41: NCA, 42: NCA, 43: NCA, 44: NCA, 45: NCA, 46: NCA, 47: NCA, 48: NCA, 49: NCA, 50: NCA, 51: NCA, 52: NCA, 53: NCA, 54: NCA, 55: NCA, 56: NCA, 57: NCA, 58: NCA, 59: NCA, 60: NCA, 61: NCA, 62: NCA, 63: NCA, 64: NCA, 65: NCA, 66: NCA, 67: NCA, 68: NCA, 69: NCA, 70: NCA, 71: NCA, 72: NCA, 73: NCA, 74: NCA, 75: NCA, 76: NCA, 77: NCA, 78: NCA, 79: NCA, 80: NCA, 81: NCA, 82: NCA, 83: NCA, 84: NCA, 85: NCA, 86: NCA, 87: NCA, 88: NCA, 89: NCA, 90: NCA, 91: NCA, 92: NCA, 93: NCA, 94: NCA, 95: NCA, 96: NCA, 97: NCA, 98: NCA, 99: NCA, 100: NCA
- AIR CONDITIONING:** 1: GRN, 2: GRN, 3: GRN, 4: GRN, 5: GRN, 6: GRN,

Fig 8: Instrument Illumination Circuit (2 of 2)



MEMORY SYSTEMS

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

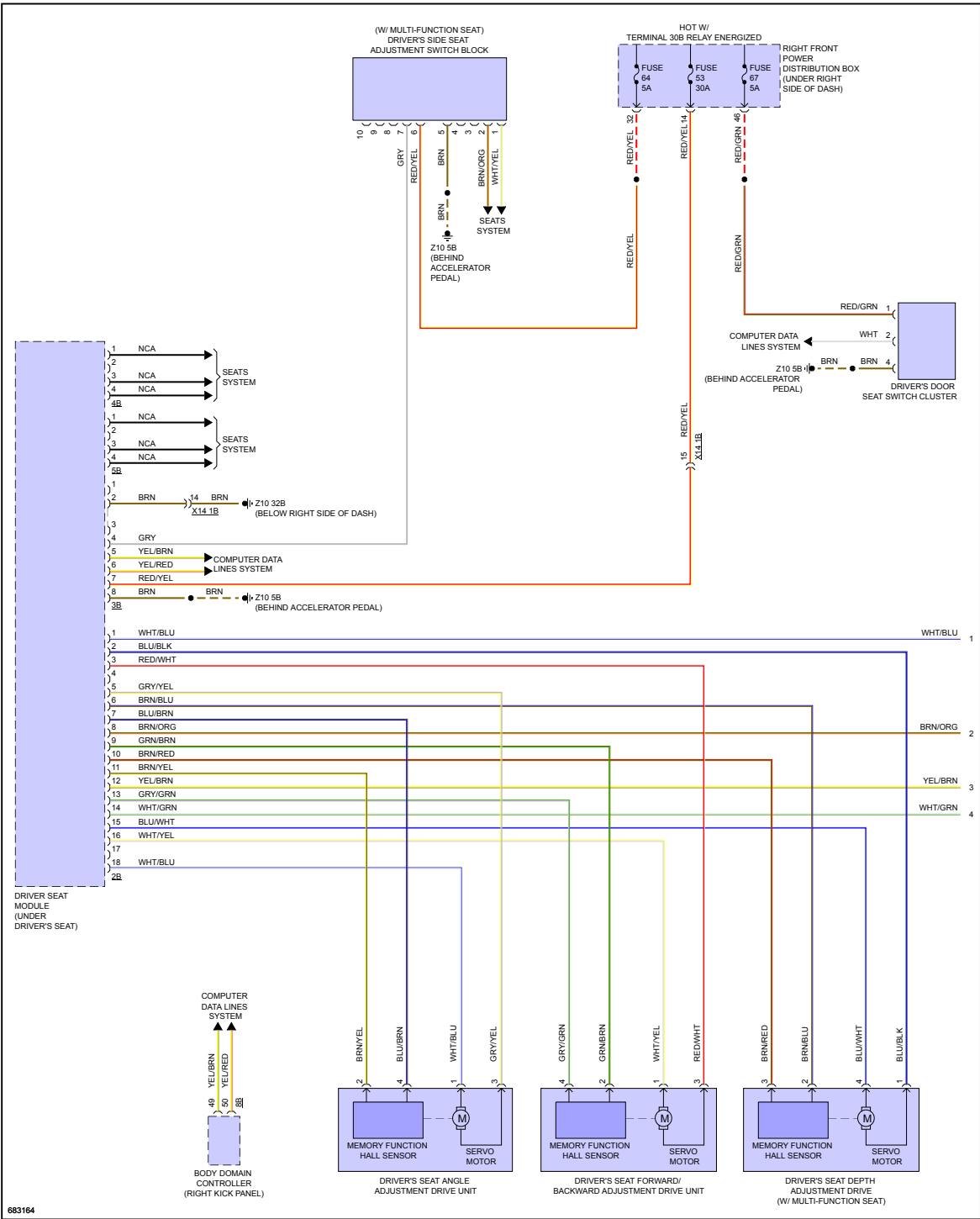


Fig 2: Driver's Memory Seat Circuit (2 of 2)

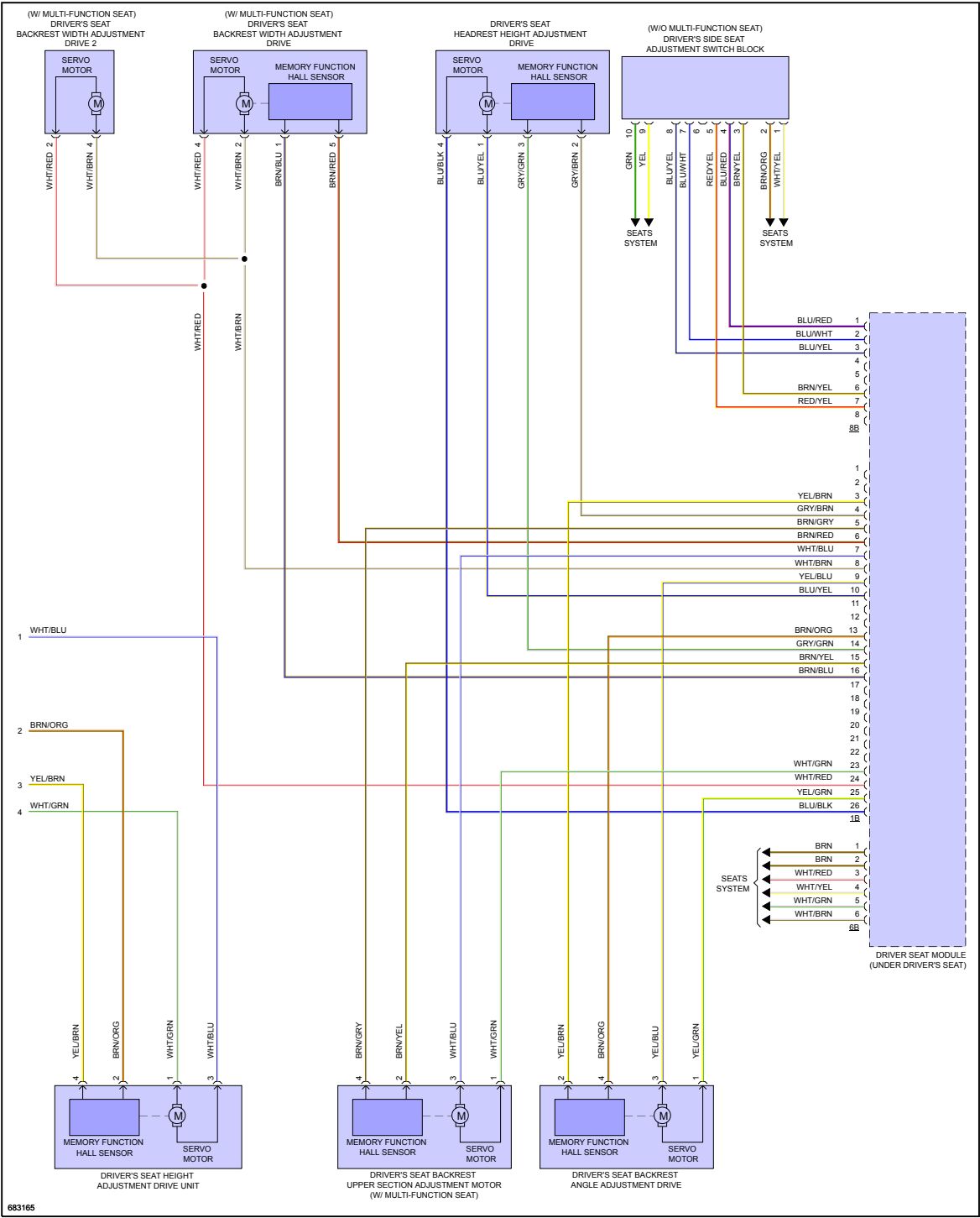


Fig 3: Left Memory Rear Seat Circuit (1 of 2)

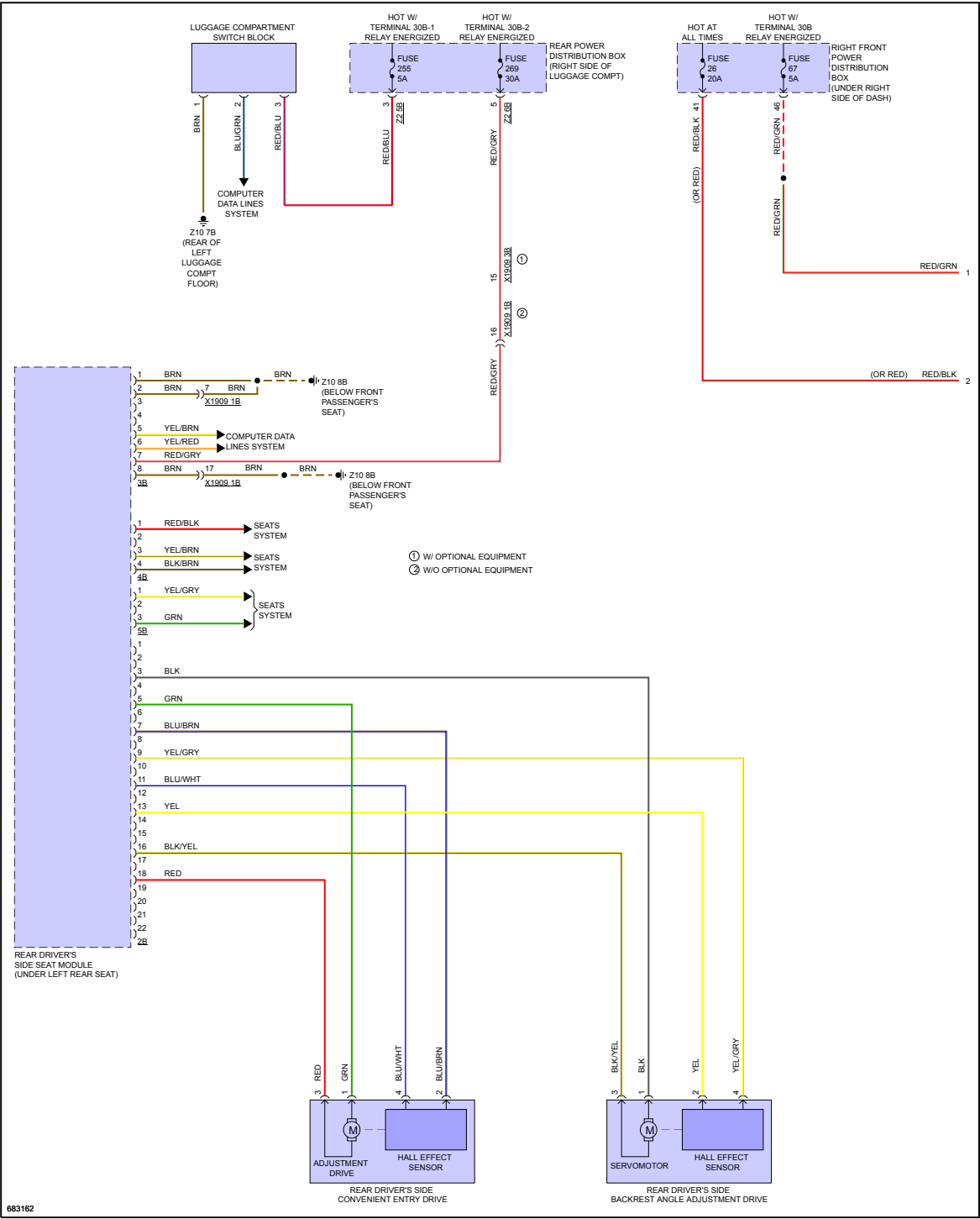


Fig 4: Left Memory Rear Seat Circuit (2 of 2)

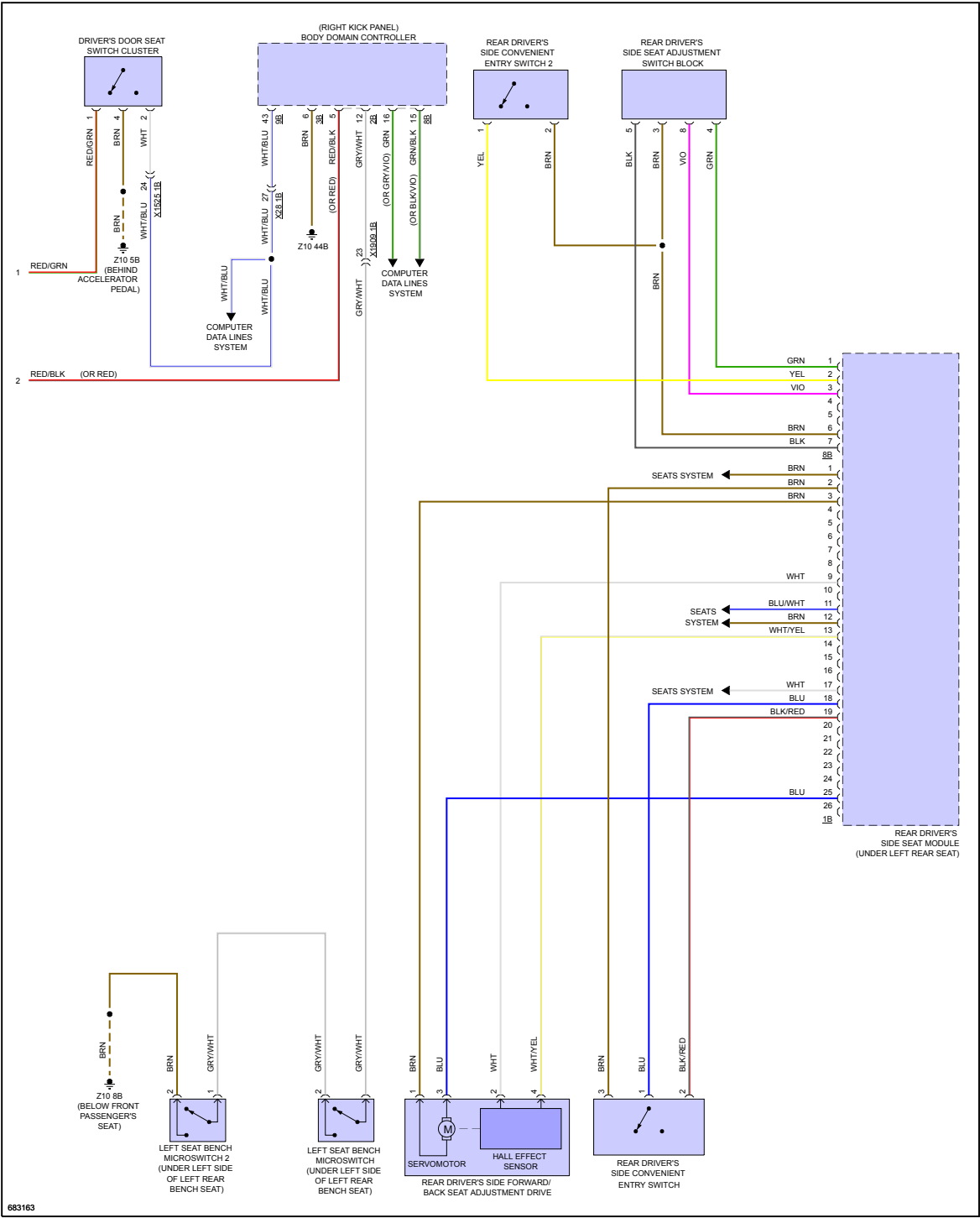


Fig 5: Memory Mirrors Circuit

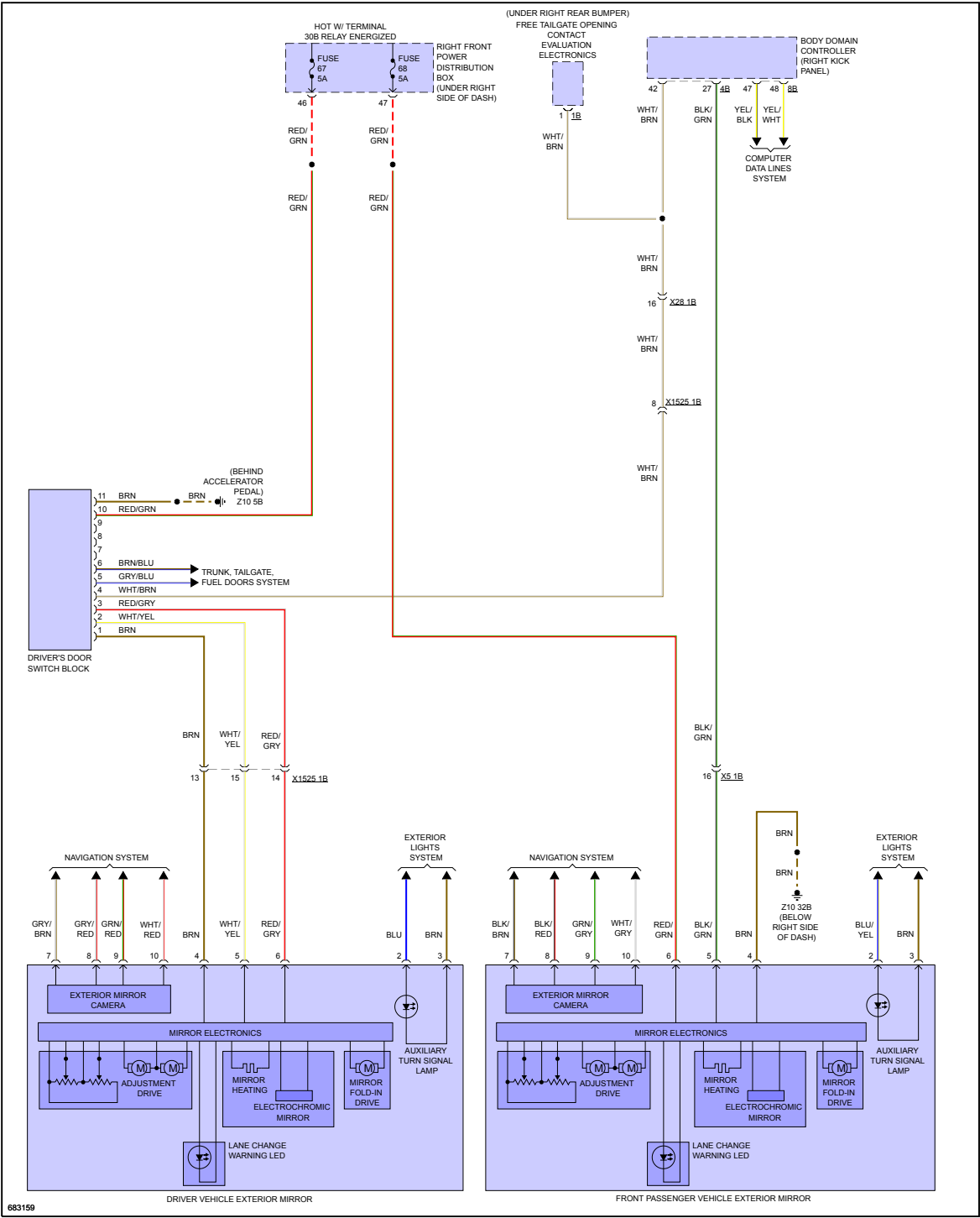


Fig 6: Passenger's Memory Seat Circuit (1 of 2)

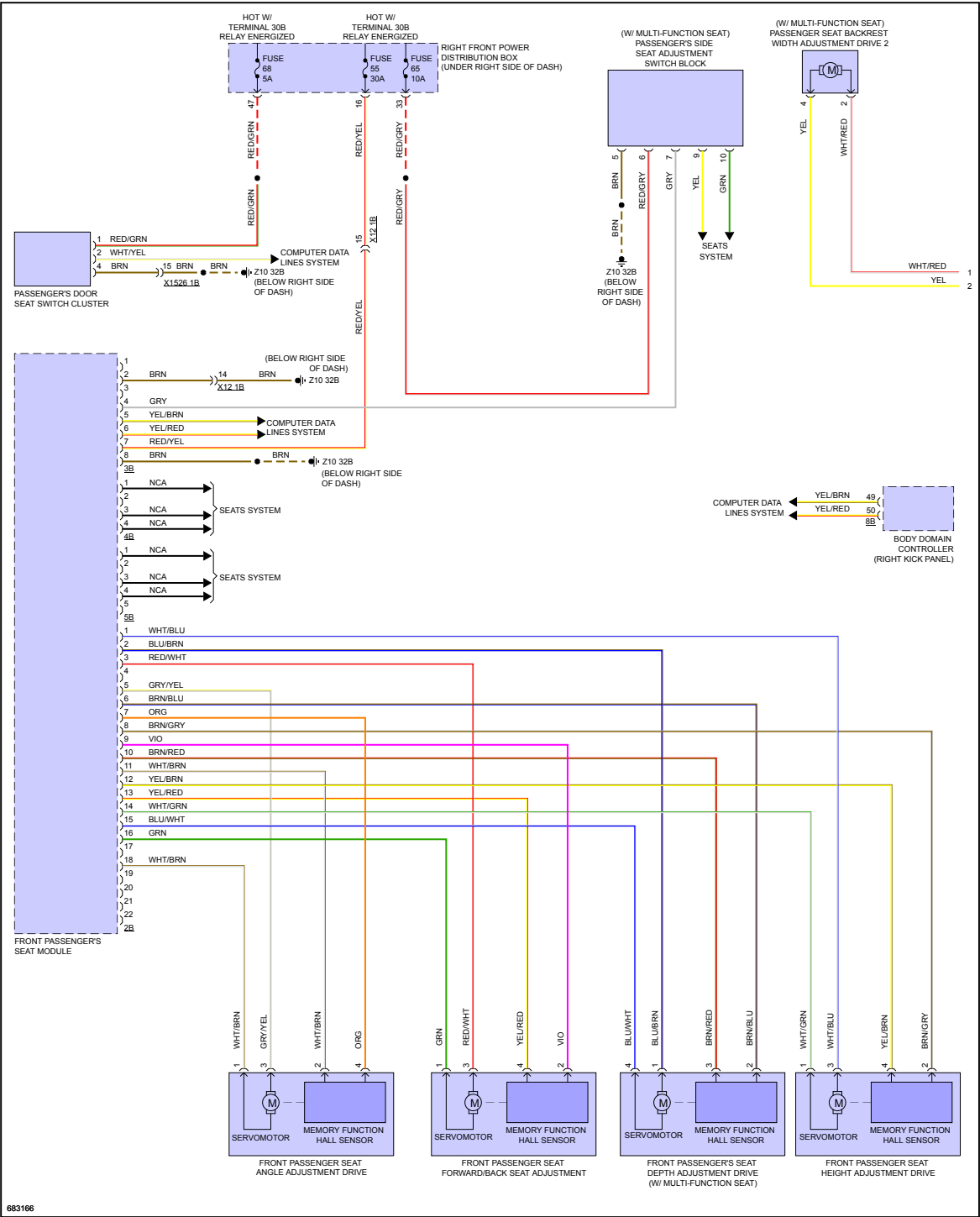


Fig 7: Passenger's Memory Seat Circuit (2 of 2)

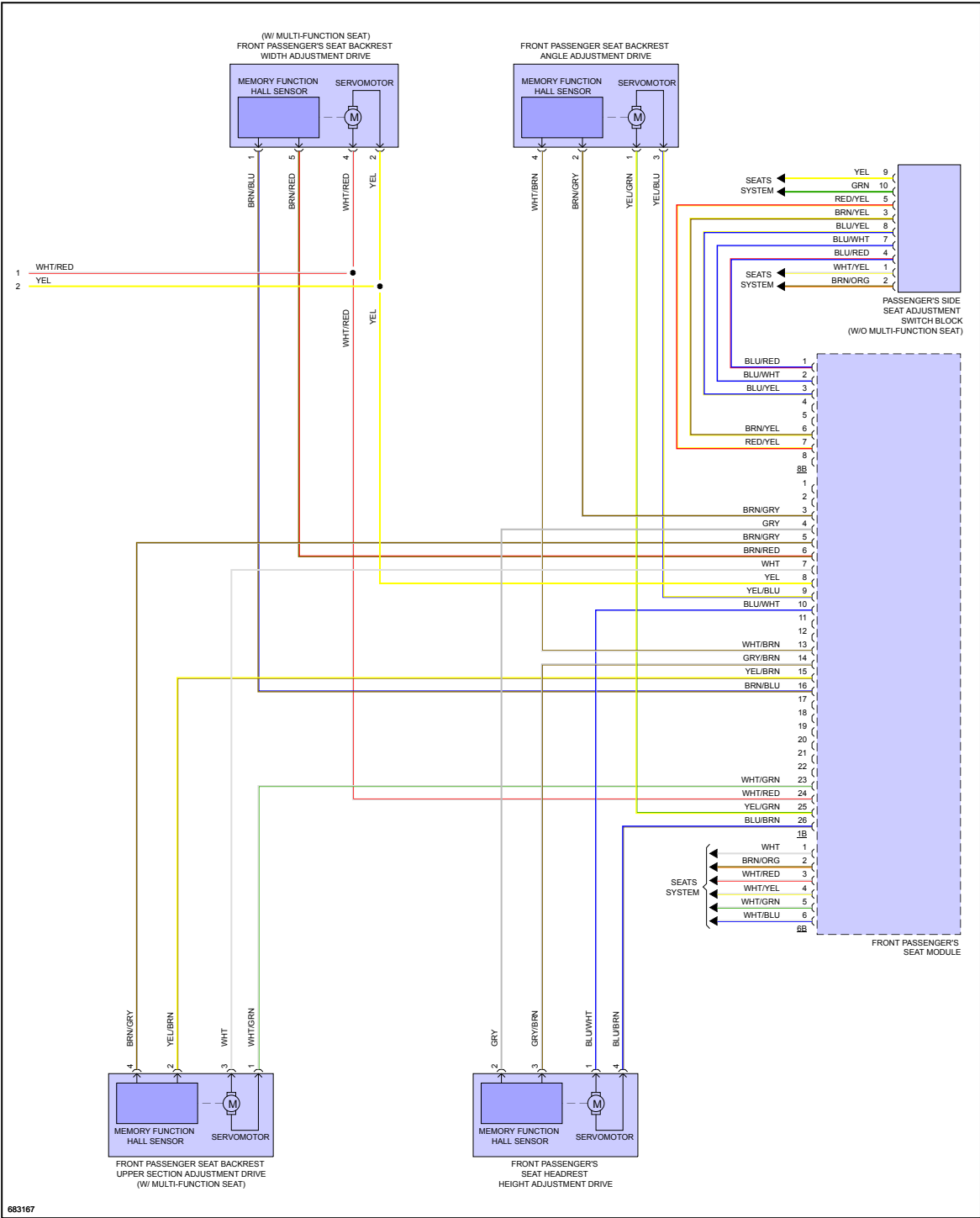
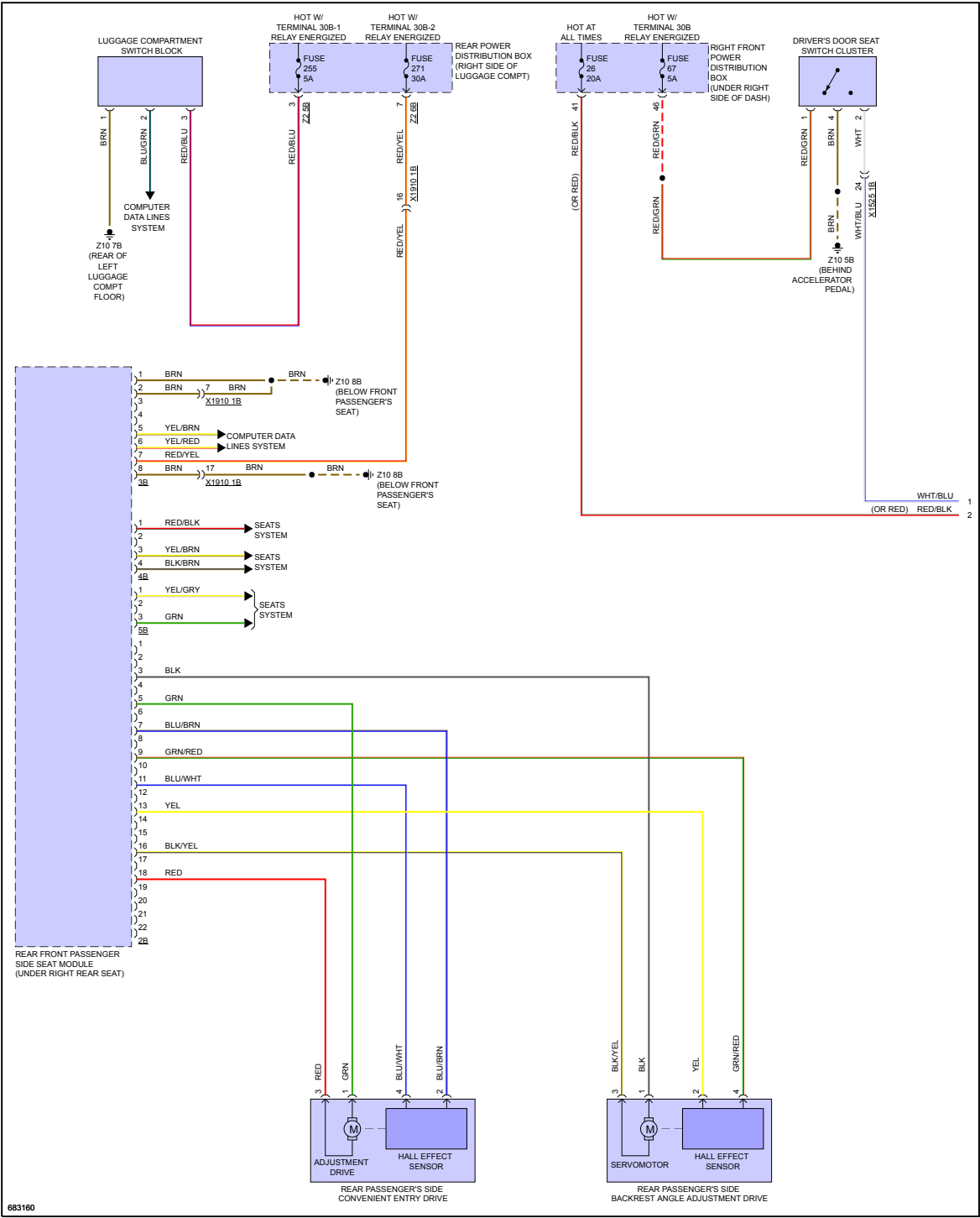


Fig 8: Right Memory Rear Seat Circuit (1 of 2)

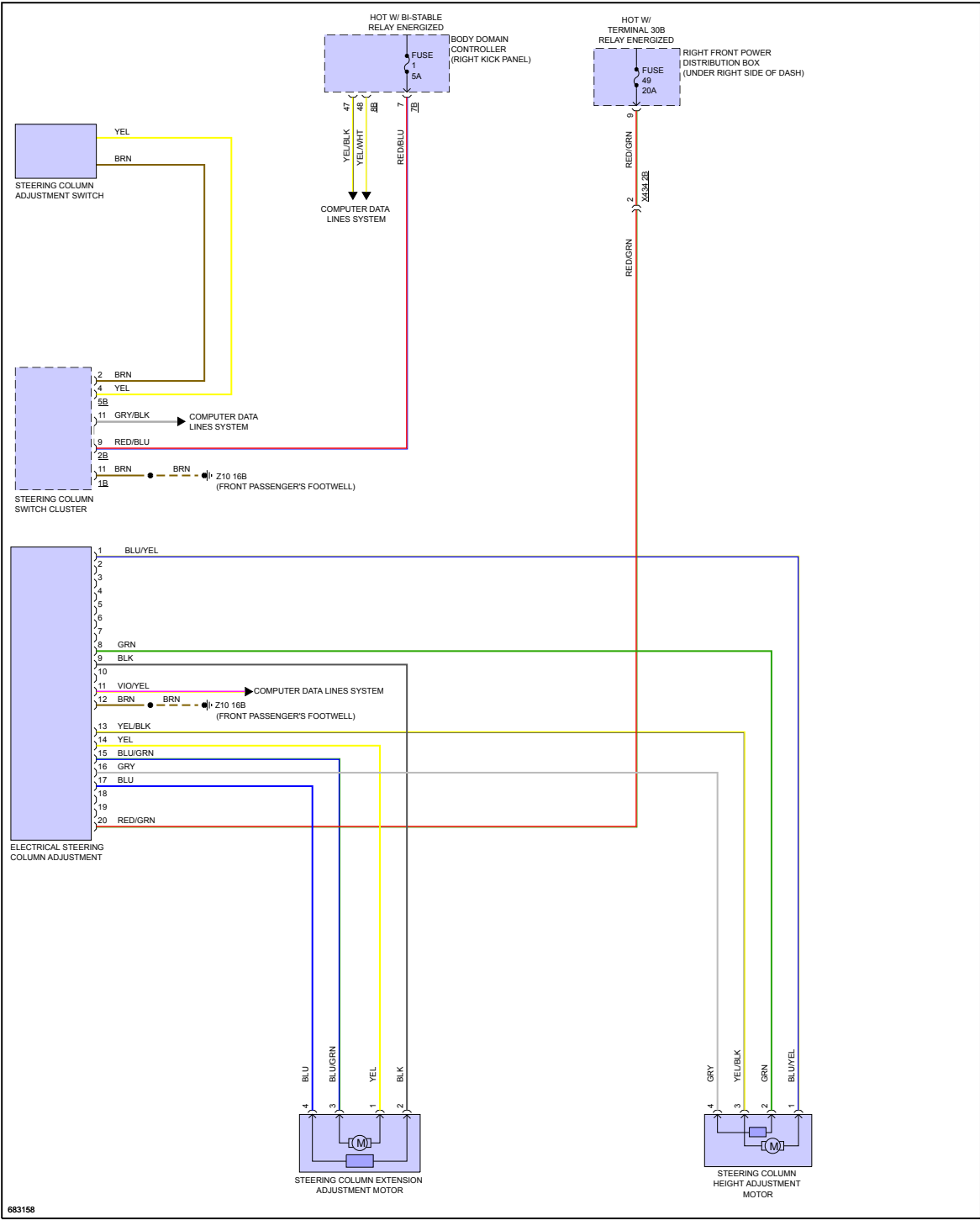


Wiring Diagram for Rear Passenger's Side Seat Module

Components and Connections:

- Body Domain Controller (Right Kick Panel):**
 - Terminal 43: WHT/BLU (to Computer Data Lines System)
 - Terminal 5: RED/BLK (OR RED) (to Computer Data Lines System)
 - Terminal 6: BRN (to Z10 44B)
 - Terminal 10: GRY/GRN (to Z10 11B)
 - Terminal 16: (OR GRY/W) GRN (to Computer Data Lines System)
 - Terminal 15: (OR BLK/W) GRN/BLK (to Computer Data Lines System)
- Rear Passenger's Side Seat Adjustment Switch Block:**
 - Terminal 5: BLK (to SEATS SYSTEM)
 - Terminal 3: BRN (to SEATS SYSTEM)
 - Terminal 8: BLU/WHT (to SEATS SYSTEM)
 - Terminal 4: GRN/YEL (to SEATS SYSTEM)
- Rear Passenger's Side Convenient Entry Switch 2:**
 - Terminal 2: BRN (to SEATS SYSTEM)
 - Terminal 1: YEL (to SEATS SYSTEM)
- Rear Front Passenger Side Seat Module (Under Right Rear Seat):**
 - Terminal 1: GRN/YEL (to SEATS SYSTEM)
 - Terminal 2: YEL (to SEATS SYSTEM)
 - Terminal 3: BLU/WHT (to SEATS SYSTEM)
 - Terminal 4: BRN (to SEATS SYSTEM)
 - Terminal 5: BLK (to SEATS SYSTEM)
 - Terminal 6: BRN (to SEATS SYSTEM)
 - Terminal 7: BLK (to SEATS SYSTEM)
 - Terminal 8: BRN (to SEATS SYSTEM)
 - Terminal 9: YEL (to SEATS SYSTEM)
 - Terminal 10: WHT (to SEATS SYSTEM)
 - Terminal 11: RED/BRN (to SEATS SYSTEM)
 - Terminal 12: BLU (to SEATS SYSTEM)
 - Terminal 13: BLU/GRY (to SEATS SYSTEM)
 - Terminal 14: BLK/GRY (to SEATS SYSTEM)
 - Terminal 15: BLU (to SEATS SYSTEM)
 - Terminal 16: BLK/GRY (to SEATS SYSTEM)
 - Terminal 17: BLU (to SEATS SYSTEM)
 - Terminal 18: BLK/GRY (to SEATS SYSTEM)
 - Terminal 19: BLU (to SEATS SYSTEM)
 - Terminal 20: BLK/GRY (to SEATS SYSTEM)
 - Terminal 21: BLU (to SEATS SYSTEM)
 - Terminal 22: BLK/GRY (to SEATS SYSTEM)
 - Terminal 23: BLU (to SEATS SYSTEM)
 - Terminal 24: BLK/GRY (to SEATS SYSTEM)
 - Terminal 25: BLU (to SEATS SYSTEM)
 - Terminal 26: BLK/GRY (to SEATS SYSTEM)
 - Terminal 27: BLU (to SEATS SYSTEM)
 - Terminal 28: BLK/GRY (to SEATS SYSTEM)
 - Terminal 29: BLU (to SEATS SYSTEM)
 - Terminal 30: BLK/GRY (to SEATS SYSTEM)
 - Terminal 31: BLU (to SEATS SYSTEM)
 - Terminal 32: BLK/GRY (to SEATS SYSTEM)
 - Terminal 33: BLU (to SEATS SYSTEM)
 - Terminal 34: BLK/GRY (to SEATS SYSTEM)
 - Terminal 35: BLU (to SEATS SYSTEM)
 - Terminal 36: BLK/GRY (to SEATS SYSTEM)
 - Terminal 37: BLU (to SEATS SYSTEM)
 - Terminal 38: BLK/GRY (to SEATS SYSTEM)
 - Terminal 39: BLU (to SEATS SYSTEM)
 - Terminal 40: BLK/GRY (to SEATS SYSTEM)
 - Terminal 41: BLU (to SEATS SYSTEM)
 - Terminal 42: BLK/GRY (to SEATS SYSTEM)
 - Terminal 43: BLU (to SEATS SYSTEM)
 - Terminal 44: BLK/GRY (to SEATS SYSTEM)
 - Terminal 45: BLU (to SEATS SYSTEM)
 - Terminal 46: BLK/GRY (to SEATS SYSTEM)
 - Terminal 47: BLU (to SEATS SYSTEM)
 - Terminal 48: BLK/GRY (to SEATS SYSTEM)
 - Terminal 49: BLU (to SEATS SYSTEM)
 - Terminal 50: BLK/GRY (to SEATS SYSTEM)
 - Terminal 51: BLU (to SEATS SYSTEM)
 - Terminal 52: BLK/GRY (to SEATS SYSTEM)
 - Terminal 53: BLU (to SEATS SYSTEM)
 - Terminal 54: BLK/GRY (to SEATS SYSTEM)
 - Terminal 55: BLU (to SEATS SYSTEM)
 - Terminal 56: BLK/GRY (to SEATS SYSTEM)
 - Terminal 57: BLU (to SEATS SYSTEM)
 - Terminal 58: BLK/GRY (to SEATS SYSTEM)
 - Terminal 59: BLU (to SEATS SYSTEM)
 - Terminal 60: BLK/GRY (to SEATS SYSTEM)
 - Terminal 61: BLU (to SEATS SYSTEM)
 - Terminal 62: BLK/GRY (to SEATS SYSTEM)
 - Terminal 63: BLU (to SEATS SYSTEM)
 - Terminal 64: BLK/GRY (to SEATS SYSTEM)
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 - Terminal 66: BLK/GRY (to SEATS SYSTEM)
 - Terminal 67: BLU (to SEATS SYSTEM)
 - Terminal 68: BLK/GRY (to SEATS SYSTEM)
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 - Terminal 70: BLK/GRY (to SEATS SYSTEM)
 - Terminal 71: BLU (to SEATS SYSTEM)
 - Terminal 72: BLK/GRY (to SEATS SYSTEM)
 - Terminal 73: BLU (to SEATS SYSTEM)
 - Terminal 74: BLK/GRY (to SEATS SYSTEM)
 - Terminal 75: BLU (to SEATS SYSTEM)
 - Terminal 76: BLK/GRY (to SEATS SYSTEM)
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 - Terminal 78: BLK/GRY (to SEATS SYSTEM)
 - Terminal 79: BLU (to SEATS SYSTEM)
 - Terminal 80: BLK/GRY (to SEATS SYSTEM)
 - Terminal 81: BLU (to SEATS SYSTEM)
 - Terminal 82: BLK/GRY (to SEATS SYSTEM)
 - Terminal 83: BLU (to SEATS SYSTEM)
 - Terminal 84: BLK/GRY (to SEATS SYSTEM)
 - Terminal 85: BLU (to SEATS SYSTEM)
 - Terminal 86: BLK/GRY (to SEATS SYSTEM)
 - Terminal 87: BLU (to SEATS SYSTEM)
 - Terminal 88: BLK/GRY (to SEATS SYSTEM)
 - Terminal 89: BLU (to SEATS SYSTEM)
 - Terminal 90: BLK/GRY (to SEATS SYSTEM)
 - Terminal 91: BLU (to SEATS SYSTEM)
 - Terminal 92: BLK/GRY (to SEATS SYSTEM)
 - Terminal 93: BLU (to SEATS SYSTEM)
 - Terminal 94: BLK/GRY (to SEATS SYSTEM)
 - Terminal 95: BLU (to SEATS SYSTEM)
 - Terminal 96: BLK/GRY (to SEATS SYSTEM)
 - Terminal 97: BLU (to SEATS SYSTEM)
 - Terminal 98: BLK/GRY (to SEATS SYSTEM)
 - Terminal 99: BLU (to SEATS SYSTEM)
 - Terminal 100: BLK/GRY (to SEATS SYSTEM)

Fig 10: Steering Column Memory Circuit



NAVIGATION

Fig 1: All Around Vision Camera Circuit

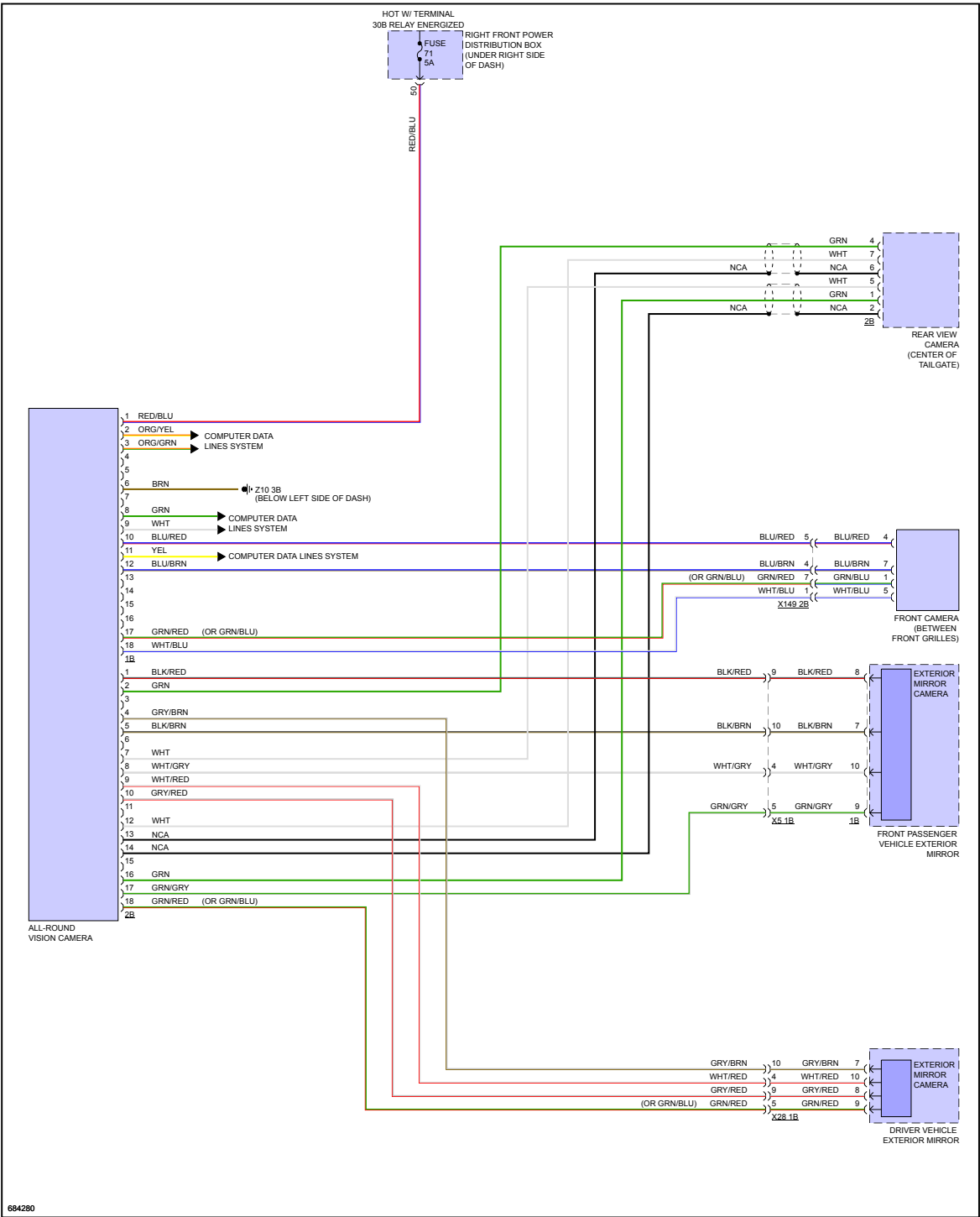


Fig 2: Blind Spot Monitoring Circuit, W/ Front & Rear Radar Sensors (1 of 2)

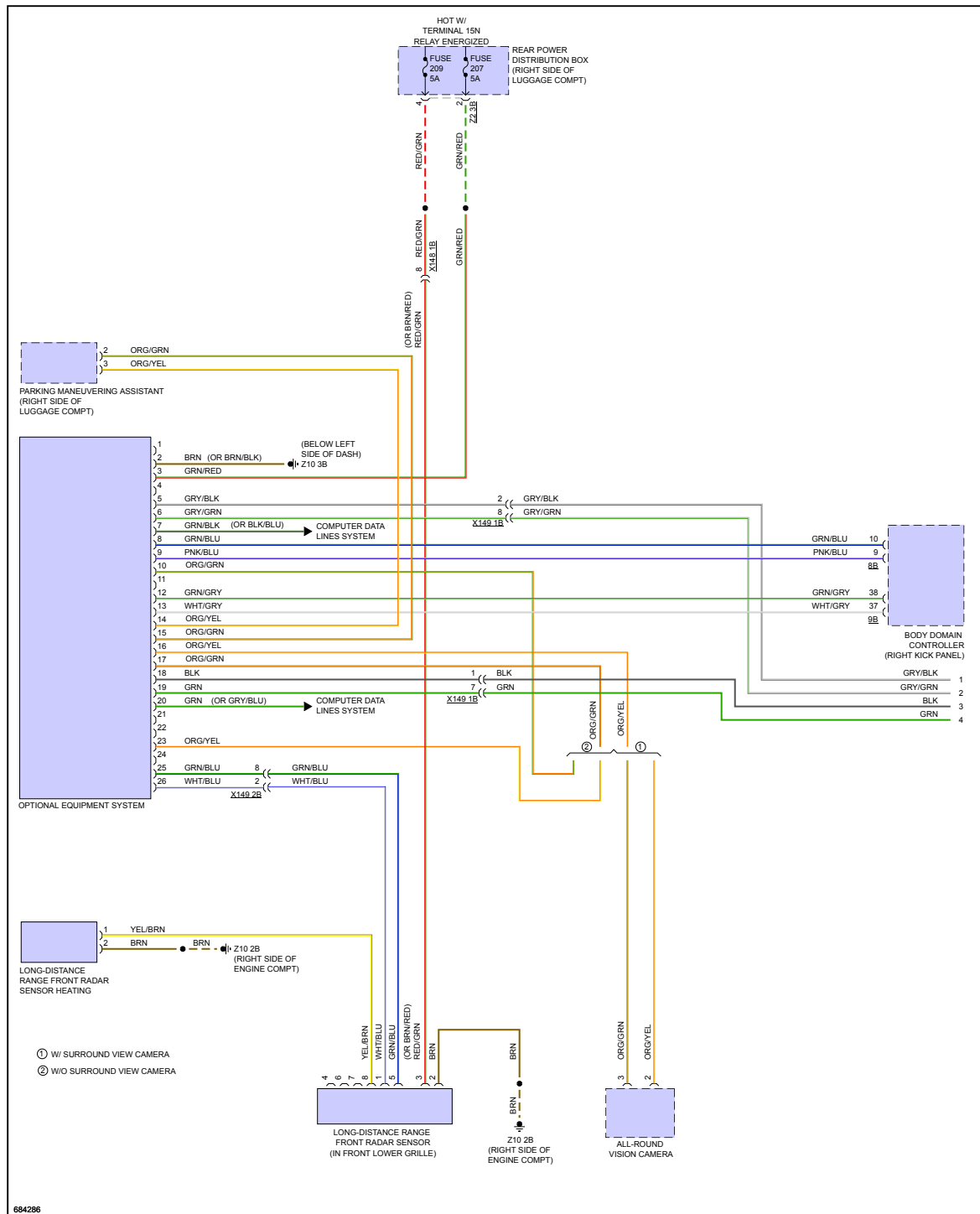


Fig 3: Blind Spot Monitoring Circuit, W/ Front & Rear Radar Sensors (2 of 2)

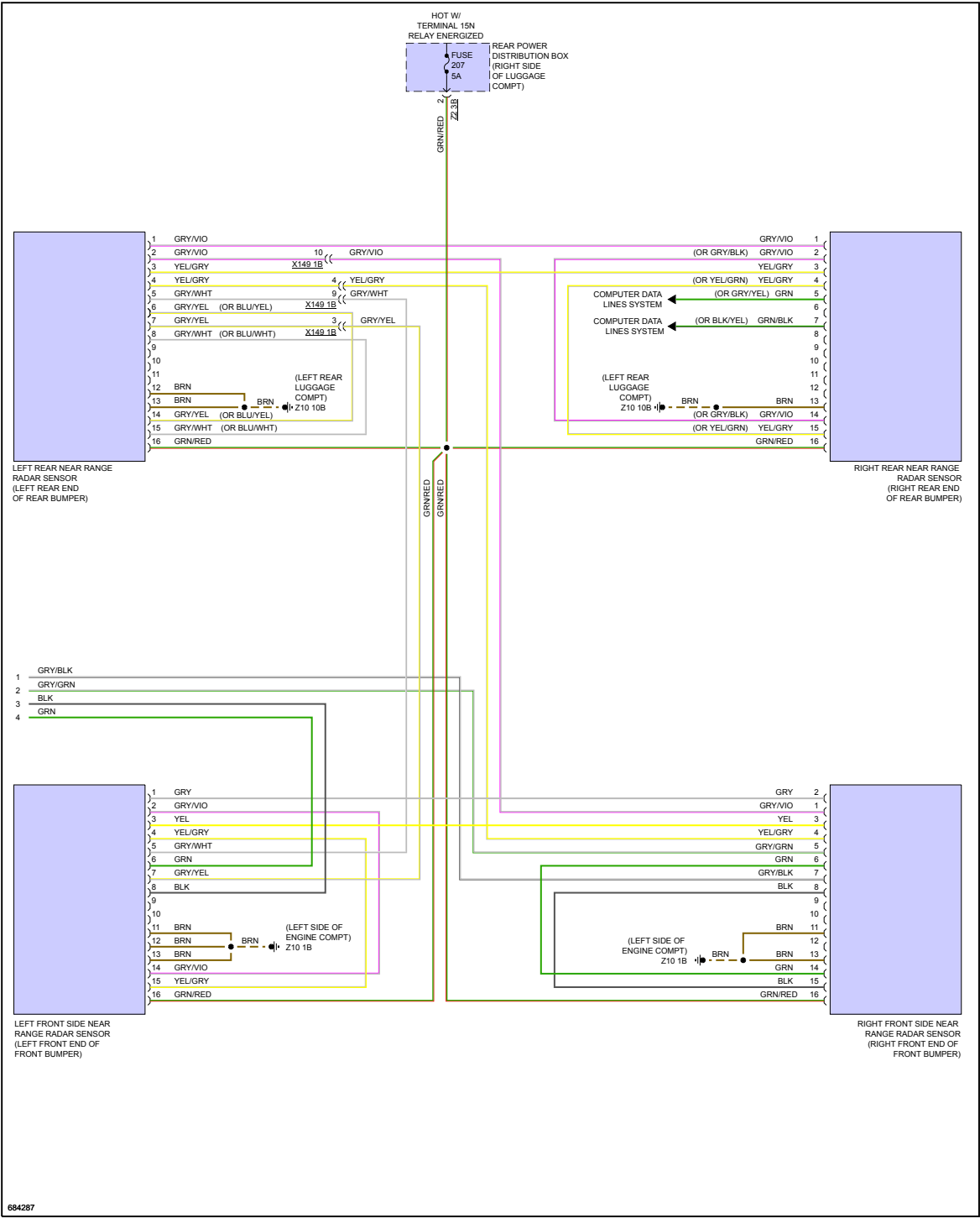


Fig 4: Blind Spot Monitoring Circuit, W/ Rear Radar Sensors

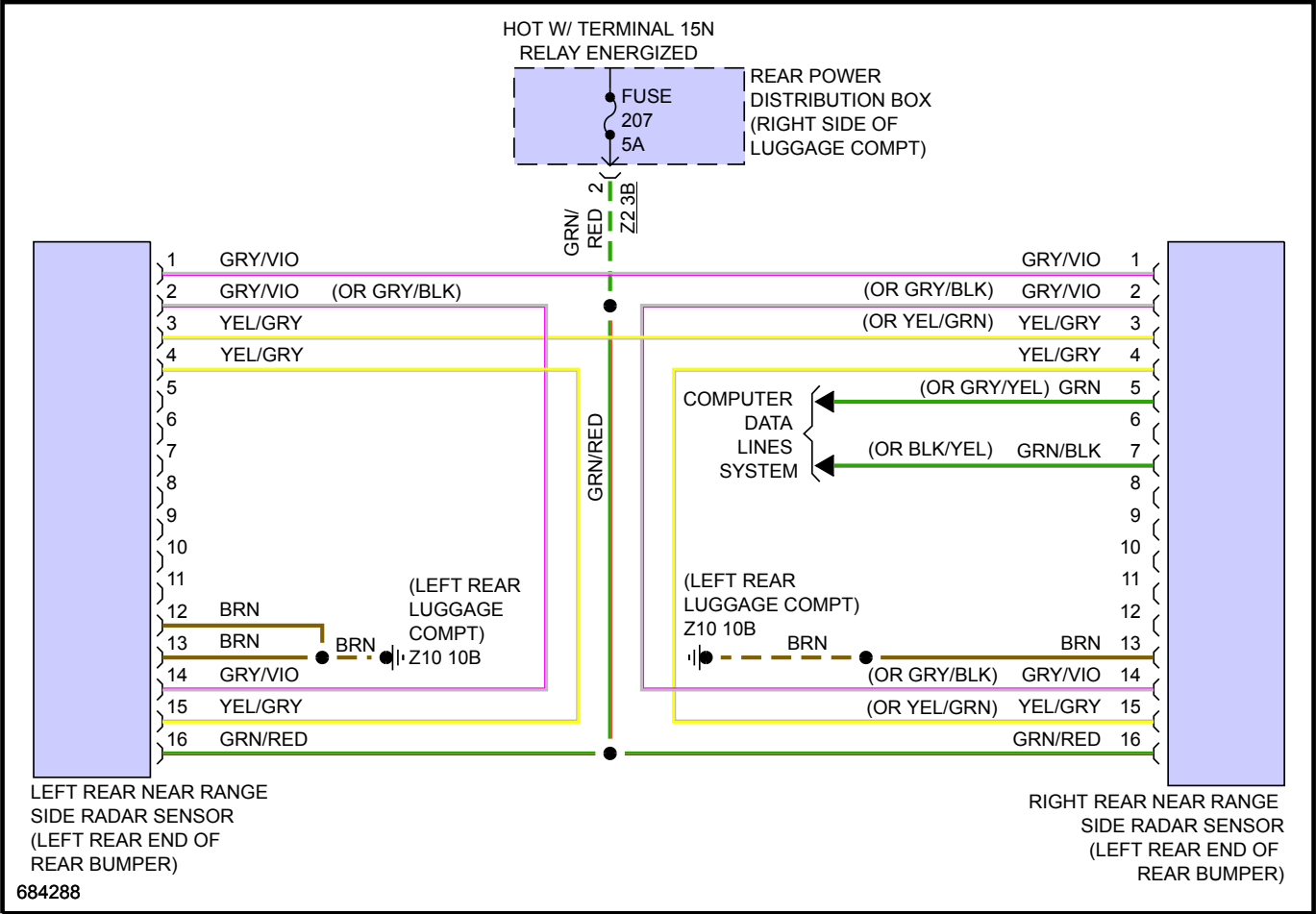


Fig 5: Driver Camera Circuit

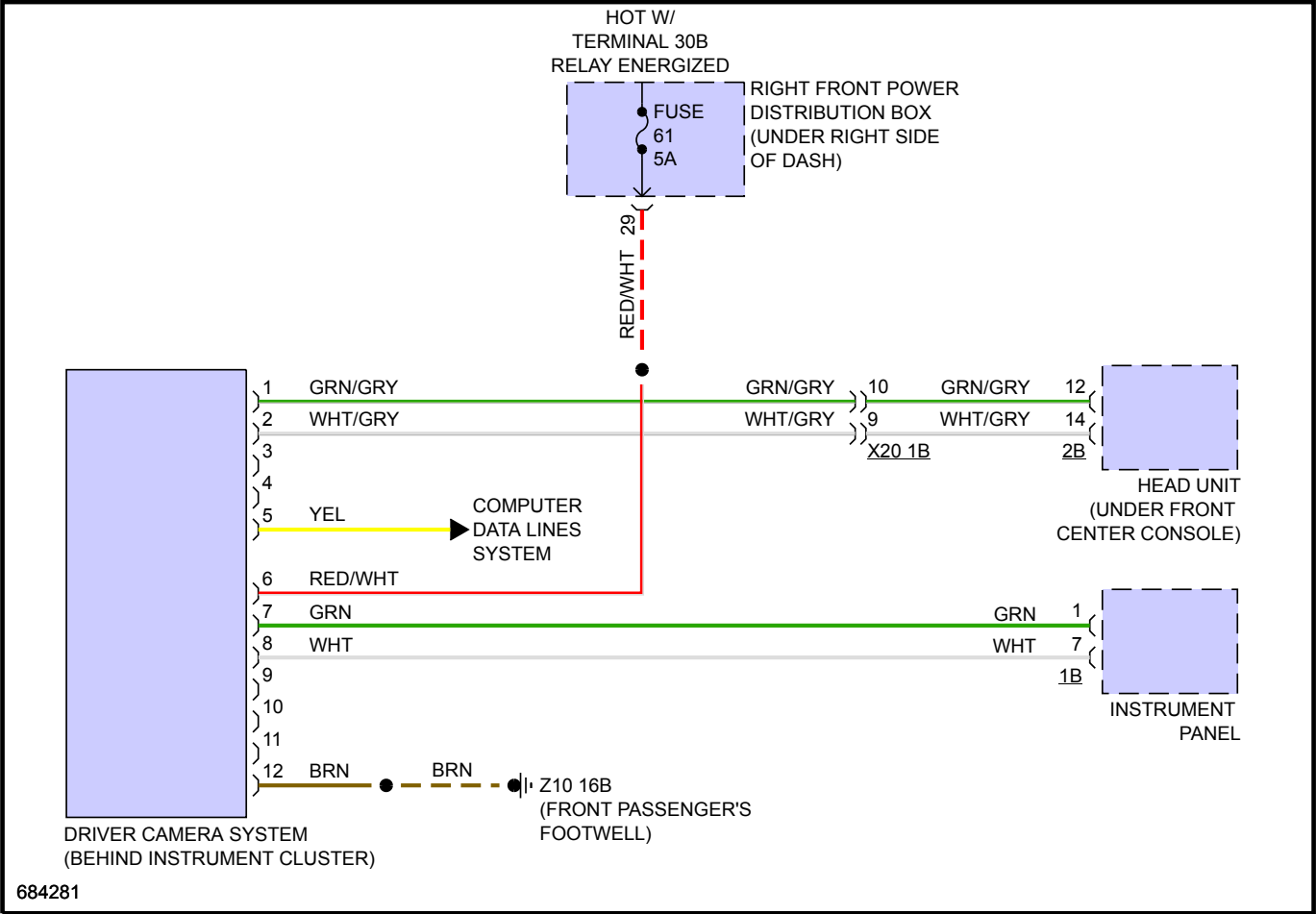


Fig 6: Lane Departure Warning Circuit

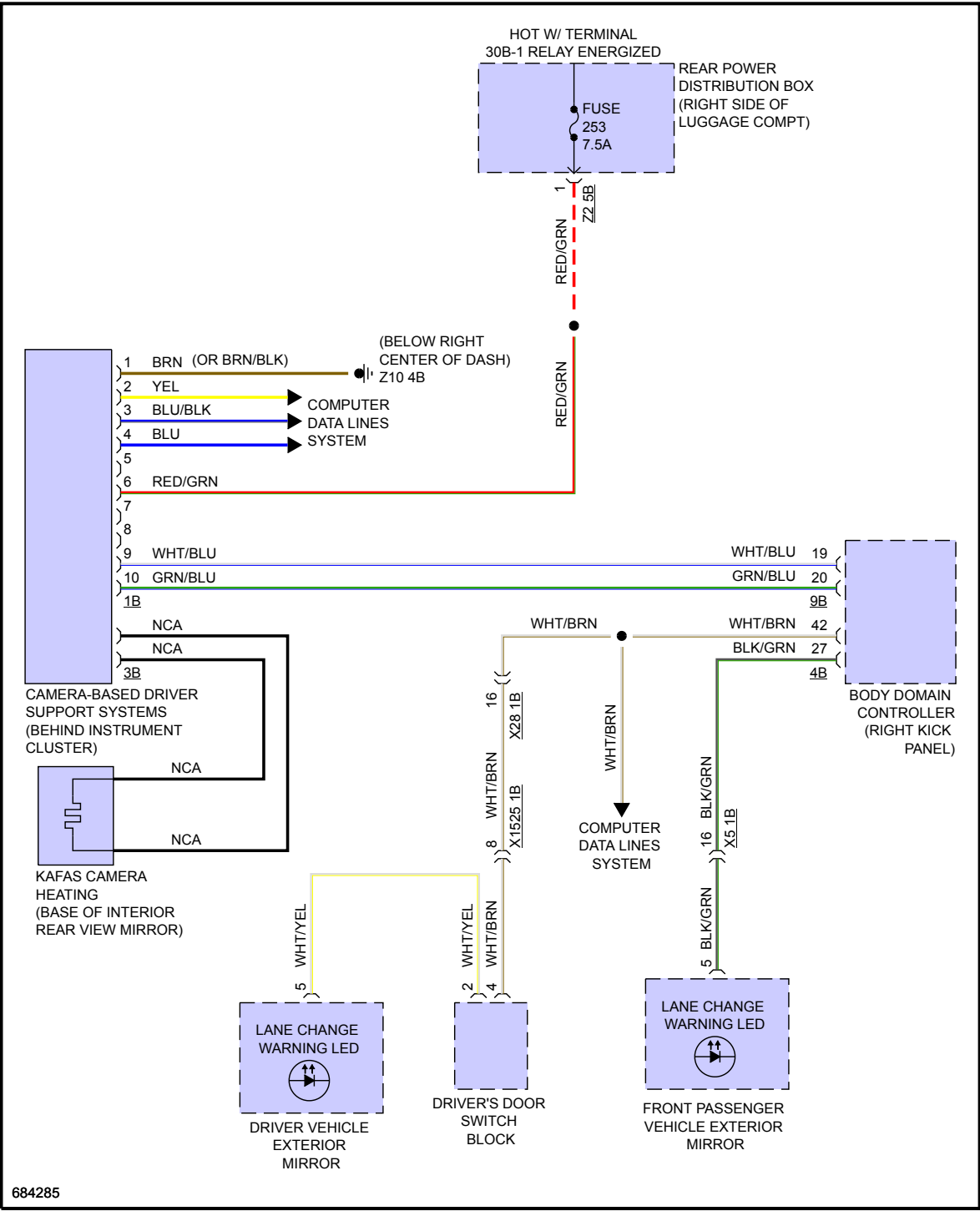


Fig 7: Navigation Circuit, Base W/ Receiver Audio Module (1 of 5)

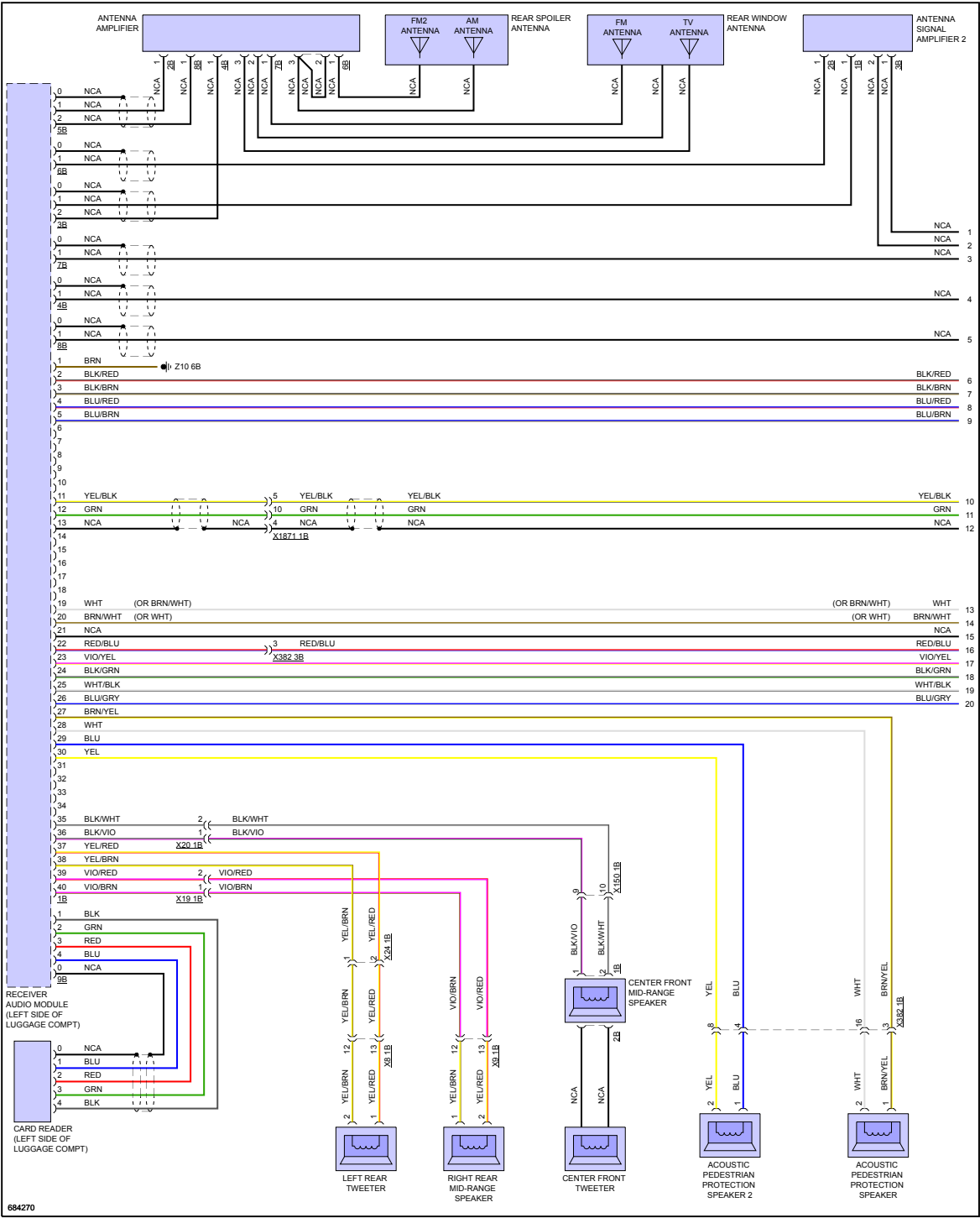


Fig 8: Navigation Circuit, Base W/ Receiver Audio Module (2 of 5)

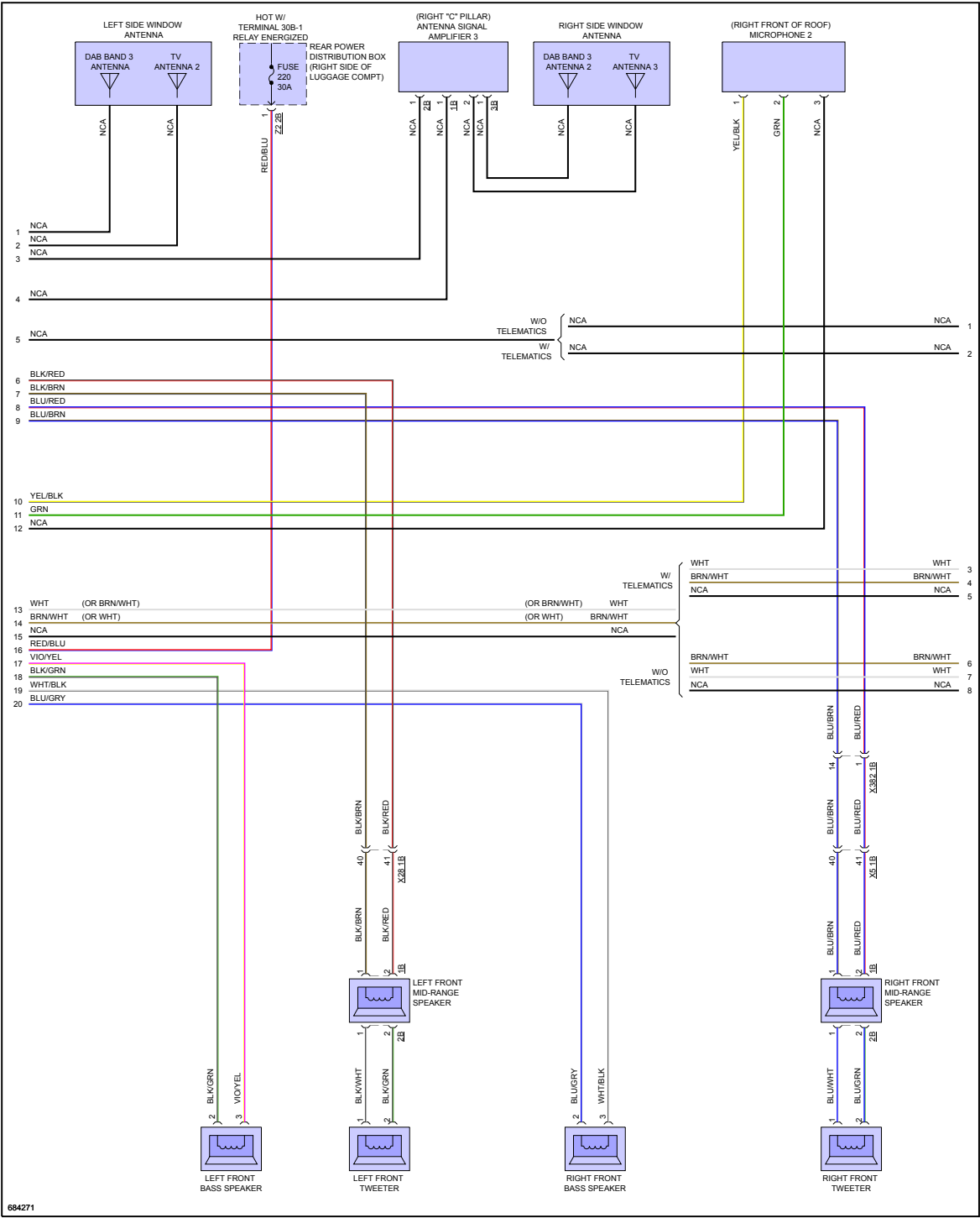


Fig 9: Navigation Circuit, Base W/ Receiver Audio Module (3 of 5)

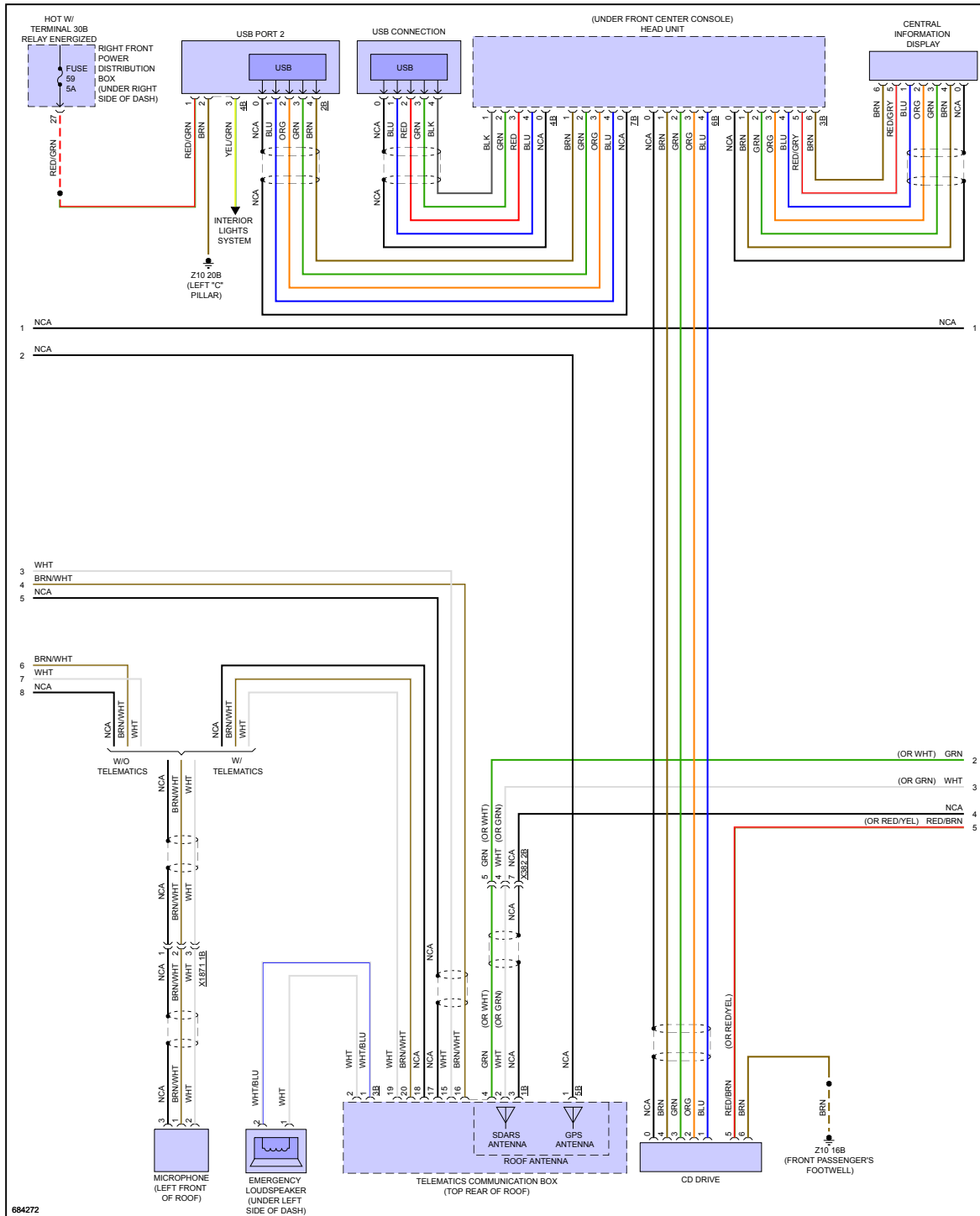
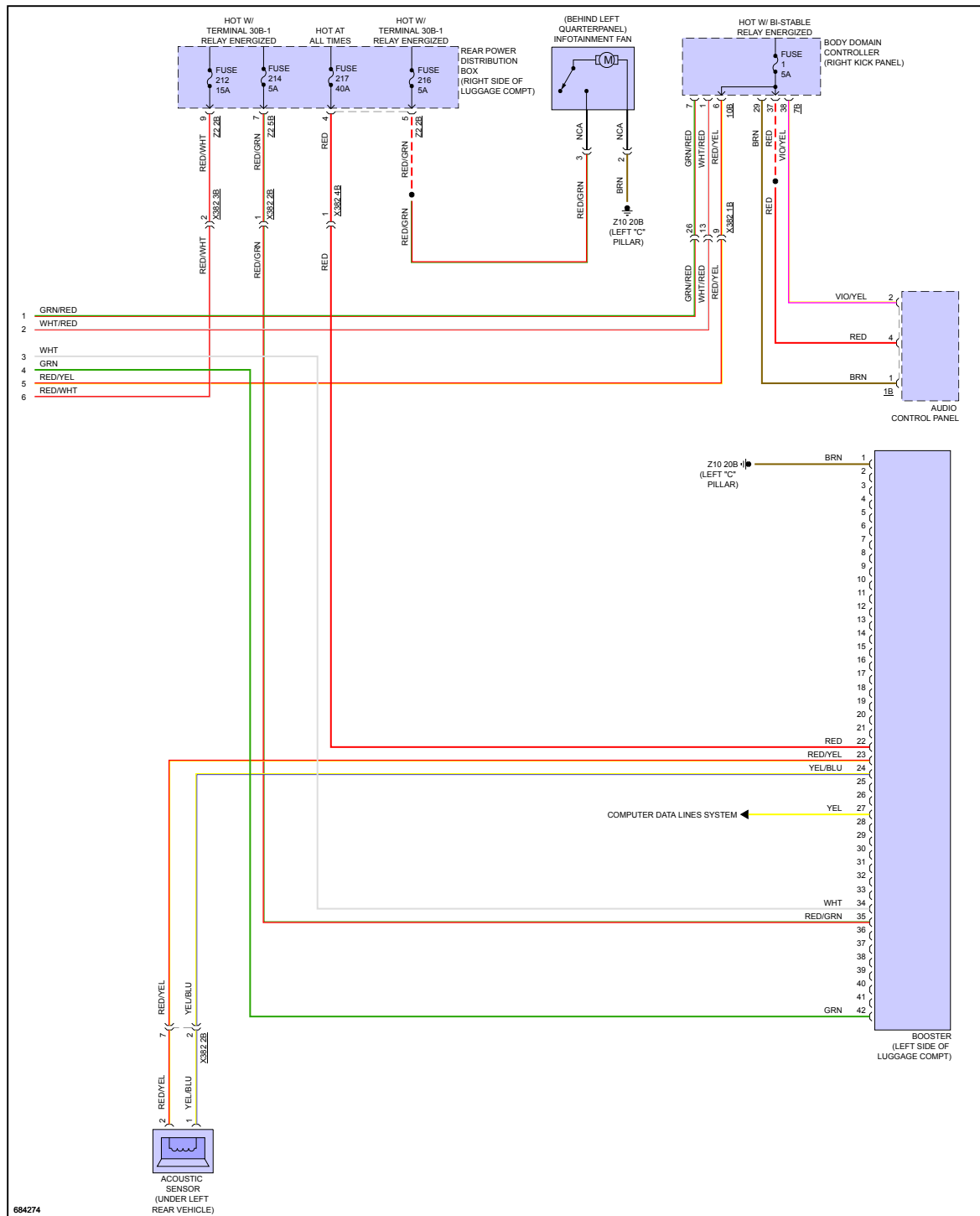


Fig 10: Navigation Circuit, Base W/ Receiver Audio Module (4 of 5)



Fig 11: Navigation Circuit, Base W/ Receiver Audio Module (5 of 5)



[illegible]

The diagram illustrates the wiring for a vehicle's audio system, organized into several functional sections:

- Antenna and Amplifier Section (Top):**
 - Antenna Signal Amplifier 2:** Receives signals from the Left Side Window Antenna and TV Antenna 2.
 - Left Side Window Antenna:** Connected to DAB Band 3 and TV Antenna 2.
 - (Right "C" Pillar) Antenna Signal Amplifier 3:** Receives signals from the Right Side Window Antenna and TV Antenna 3.
 - Right Side Window Antenna:** Connected to DAB Band 3 and TV Antenna 3.
- Power and Control Section (Top Right):**
 - HOT W/ BI-STABLE RELAY ENERGIZED:** Includes a 5A fuse and connections to the Body Domain Controller (Right Kick Panel).
 - Audio Control Panel:** Receives signals from the Body Domain Controller and provides power to the system.
- Speaker Wiring Section (Middle):**
 - Left Rear Tweeter 2:** Connected to the main audio line (NCA).
 - Front Center Tweeter:** Connected to the main audio line (NCA).
 - Microphone 2 (Right Front of Roof):** Connected to the main audio line (NCA).
 - Left Front Tweeter:** Connected to the main audio line (NCA).
 - Right Front Tweeter:** Connected to the main audio line (NCA).
 - Microphone (Left Front of Roof):** Connected to the main audio line (NCA).
- Telematics Section (Bottom):**
 - W/ TELEMATICS:** Shows connections for WHT, BRN/WHT, and NCA lines.
 - W/O TELEMATICS:** Shows alternative connections for WHT, BRN/WHT, and NCA lines.

The diagram uses a color-coded system to identify different signal paths and power lines, ensuring correct installation of the audio components.

Fig 14: Navigation Circuit, High Level W/ Receiver Audio Module (3 of 6)

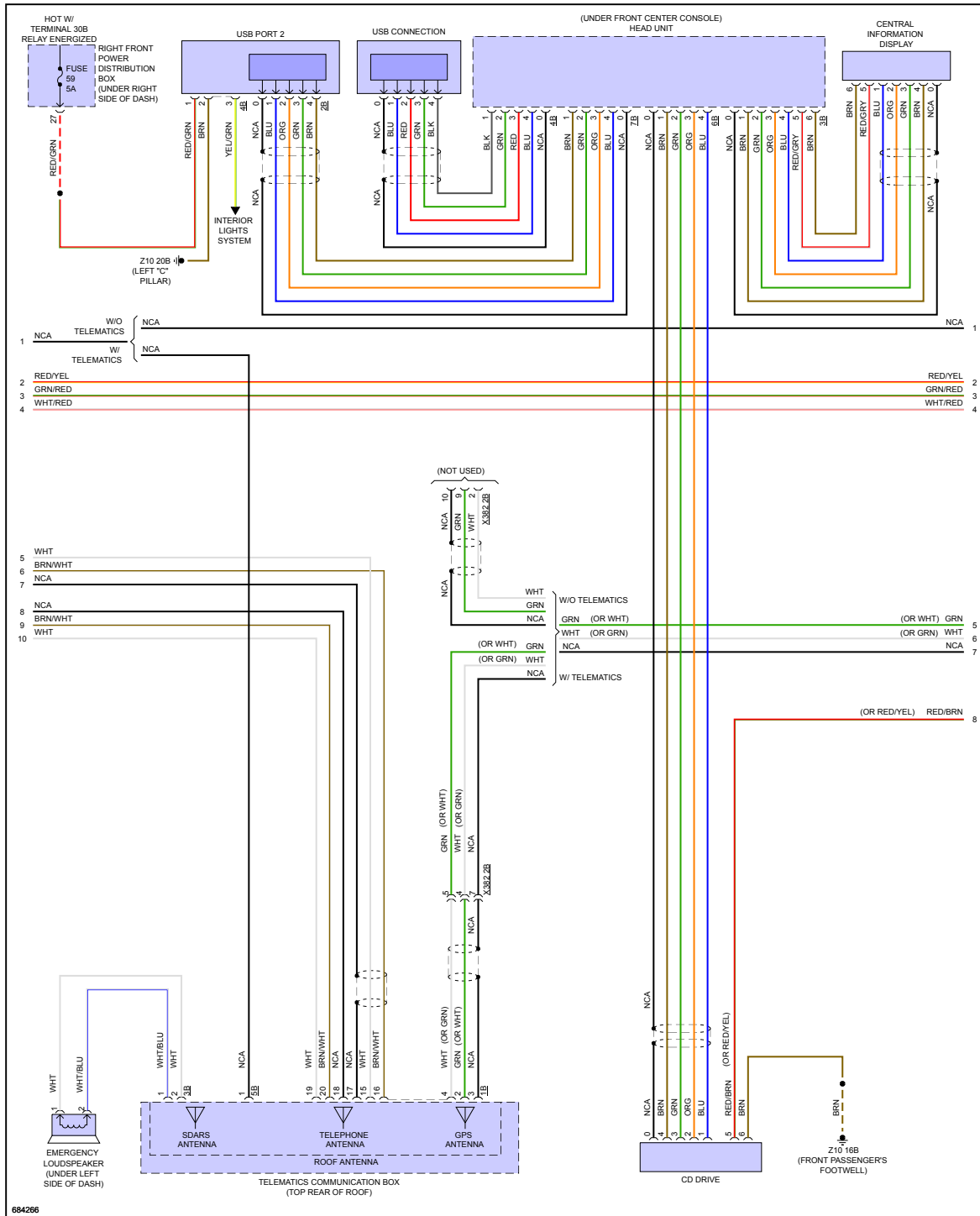


Fig 15: Navigation Circuit, High Level W/ Receiver Audio Module (4 of 6)

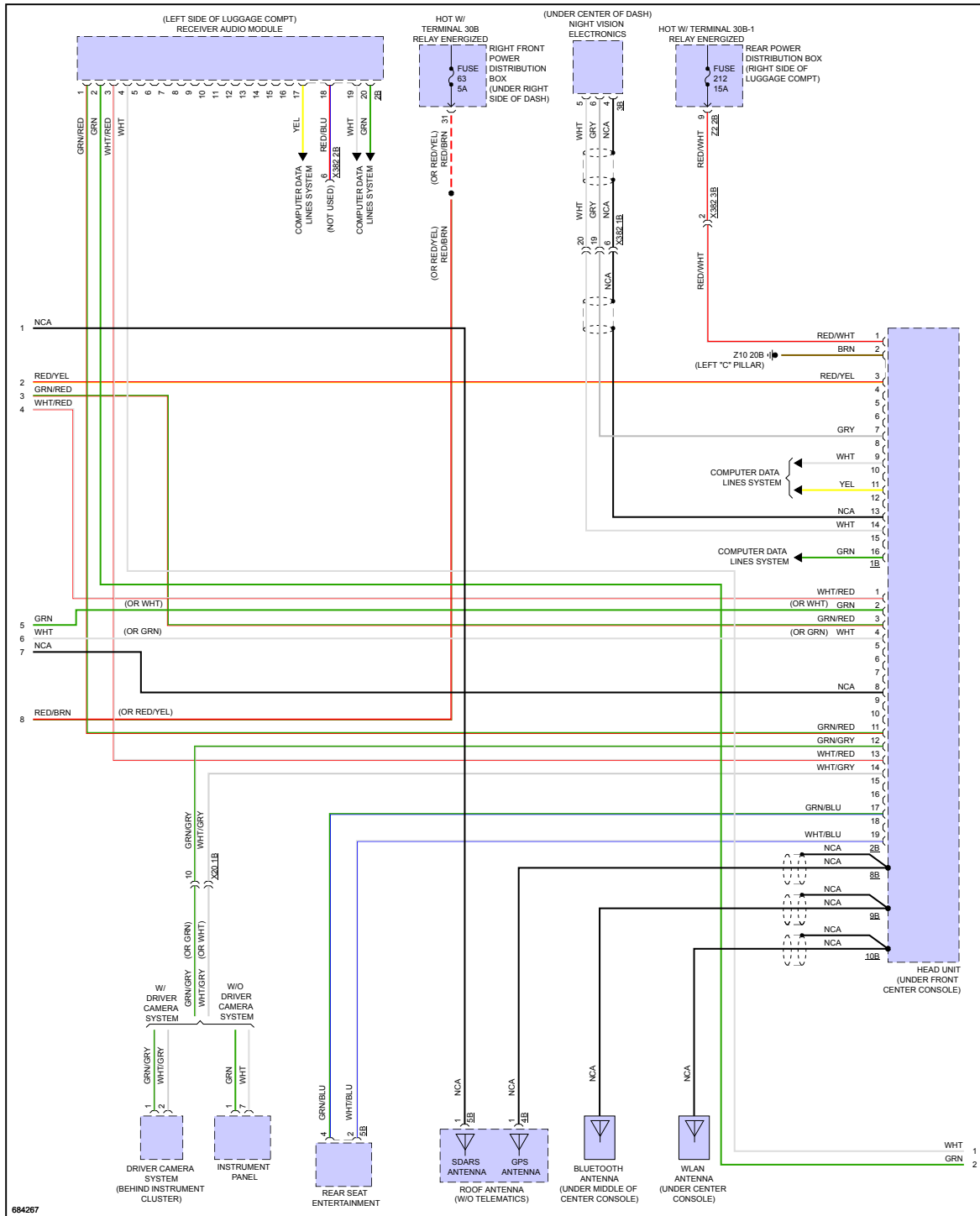


Fig 16: Navigation Circuit, High Level W/ Receiver Audio Module (5 of 6)

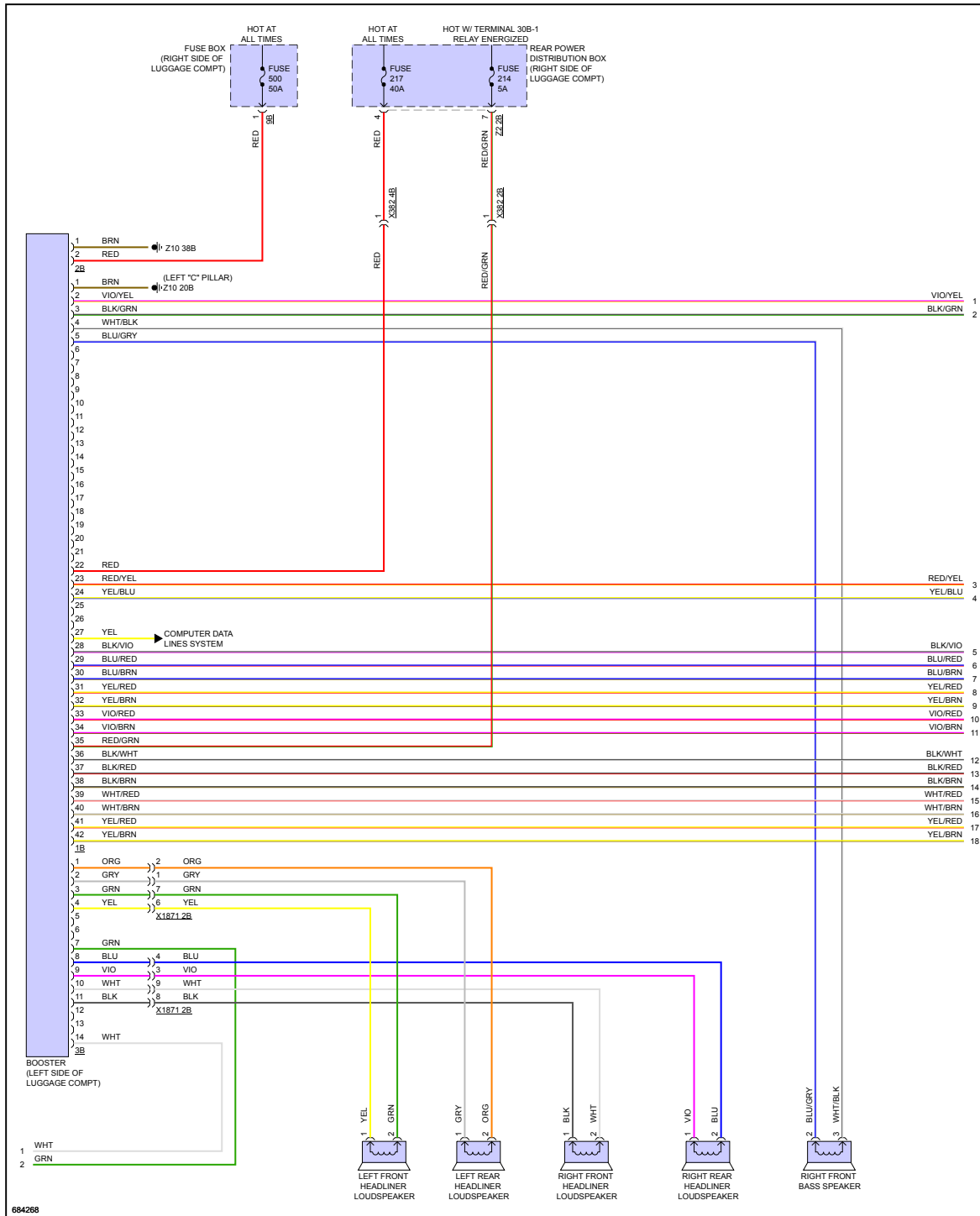


Fig 17: Navigation Circuit, High Level W/ Receiver Audio Module (6 of 6)

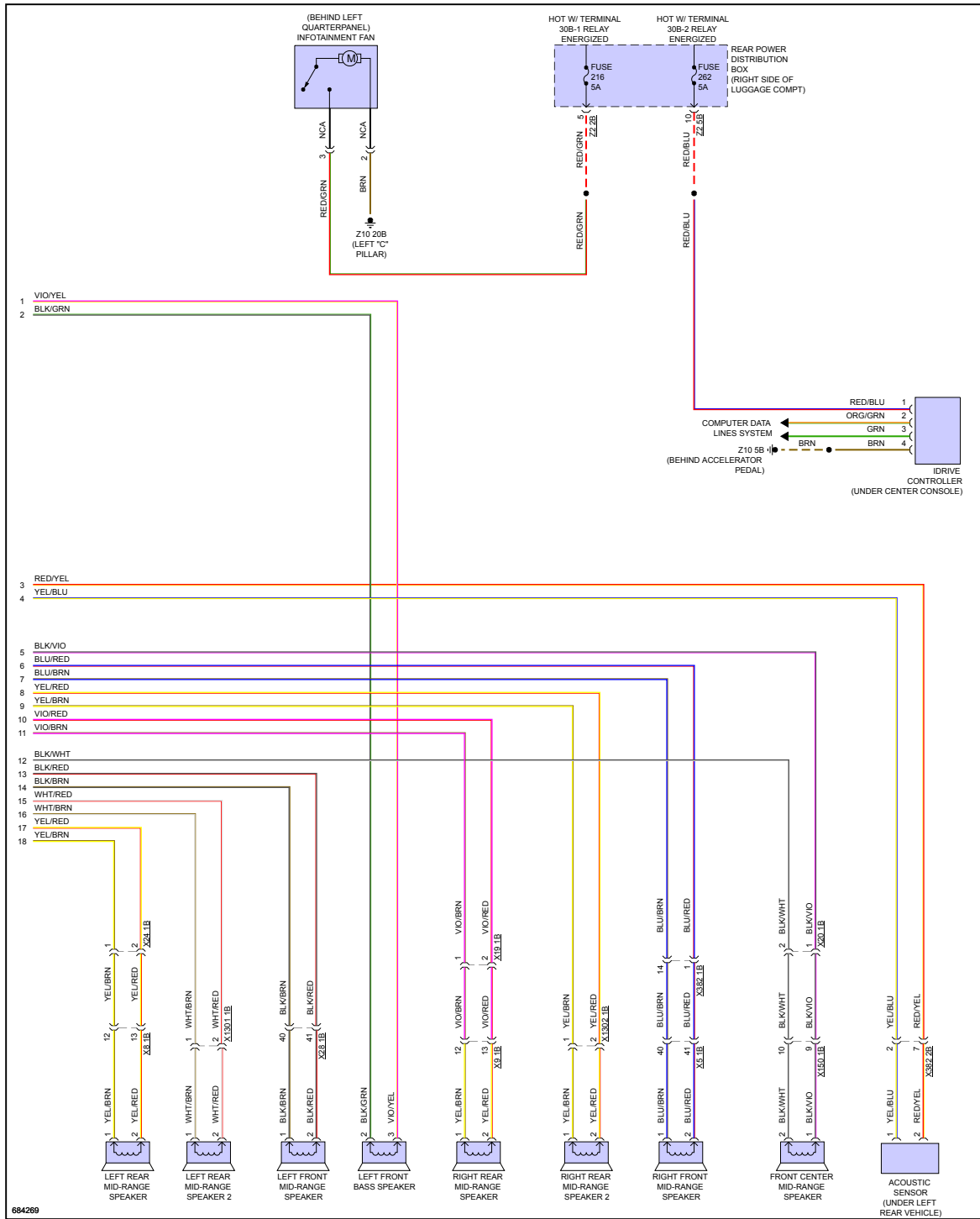


Fig 18: Navigation Circuit, Mid Level W/ Receiver Audio Module (1 of 5)

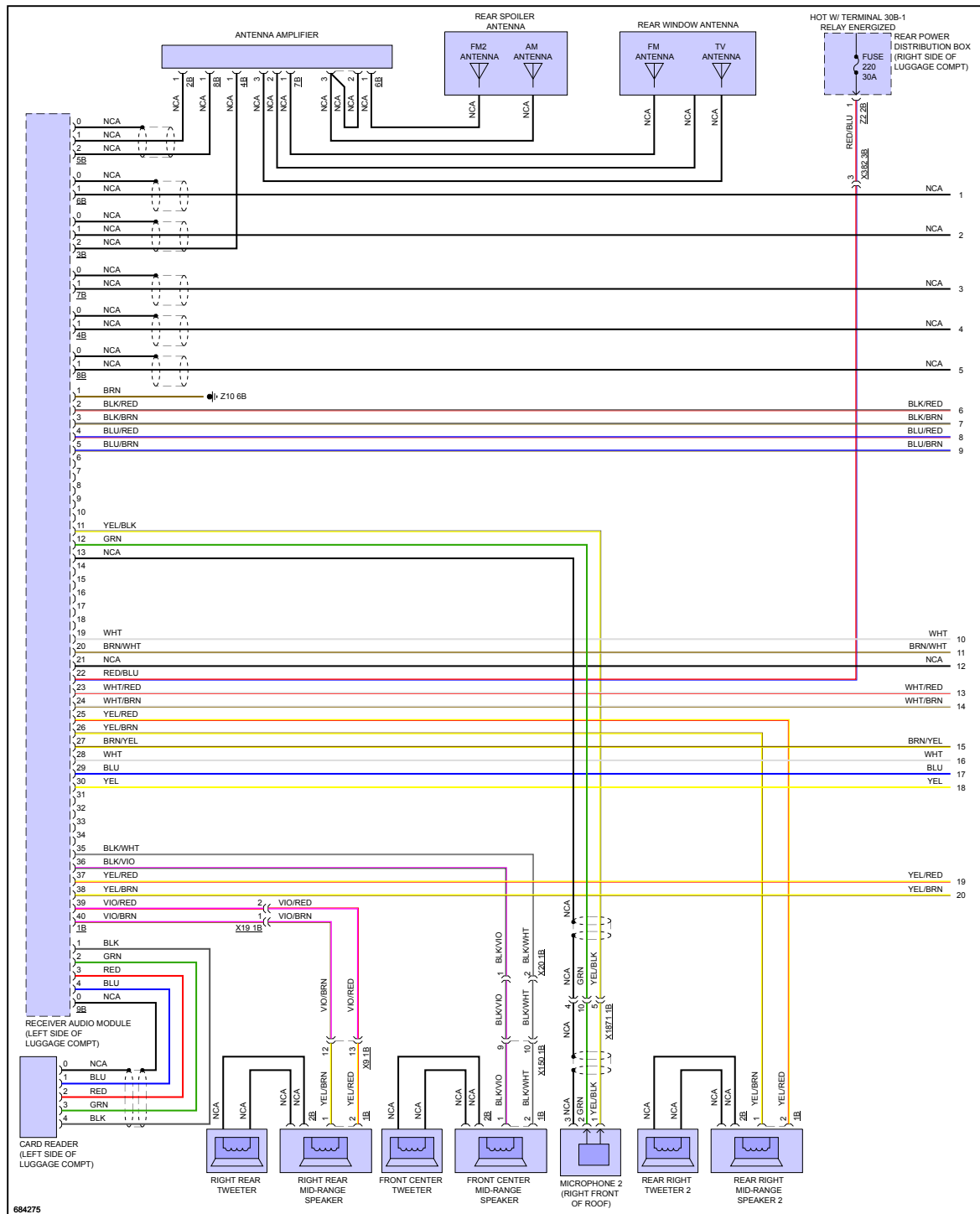


Fig 19: Navigation Circuit, Mid Level W/ Receiver Audio Module (2 of 5)

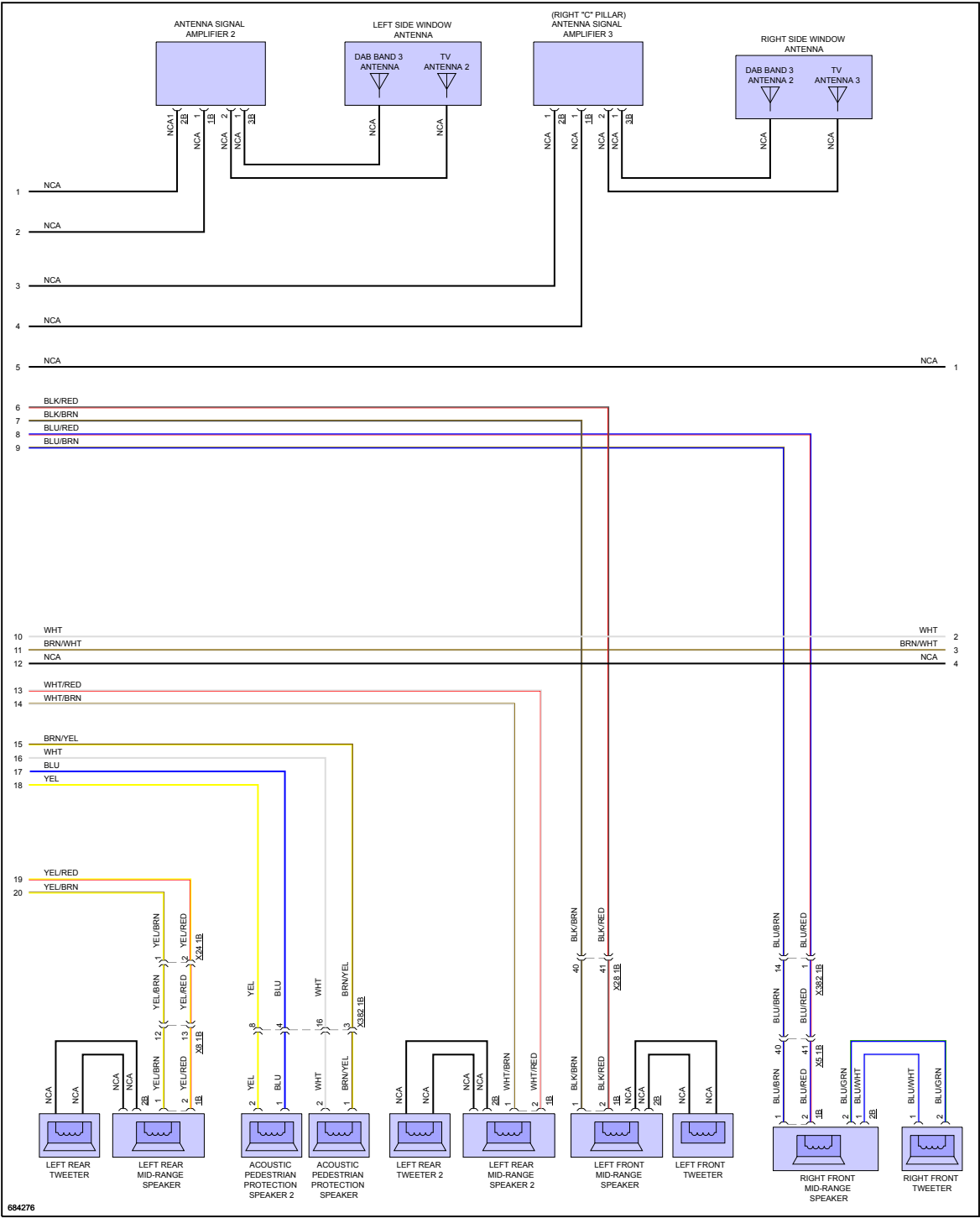


Fig 20: Navigation Circuit, Mid Level W/ Receiver Audio Module (3 of 5)



Fig 21: Navigation Circuit, Mid Level W/ Receiver Audio Module (4 of 5)



Fig 22: Navigation Circuit, Mid Level W/ Receiver Audio Module (5 of 5)



Fig 23: Parking Assistant Circuit (1 of 2)



Fig 24: Parking Assistant Circuit (2 of 2)

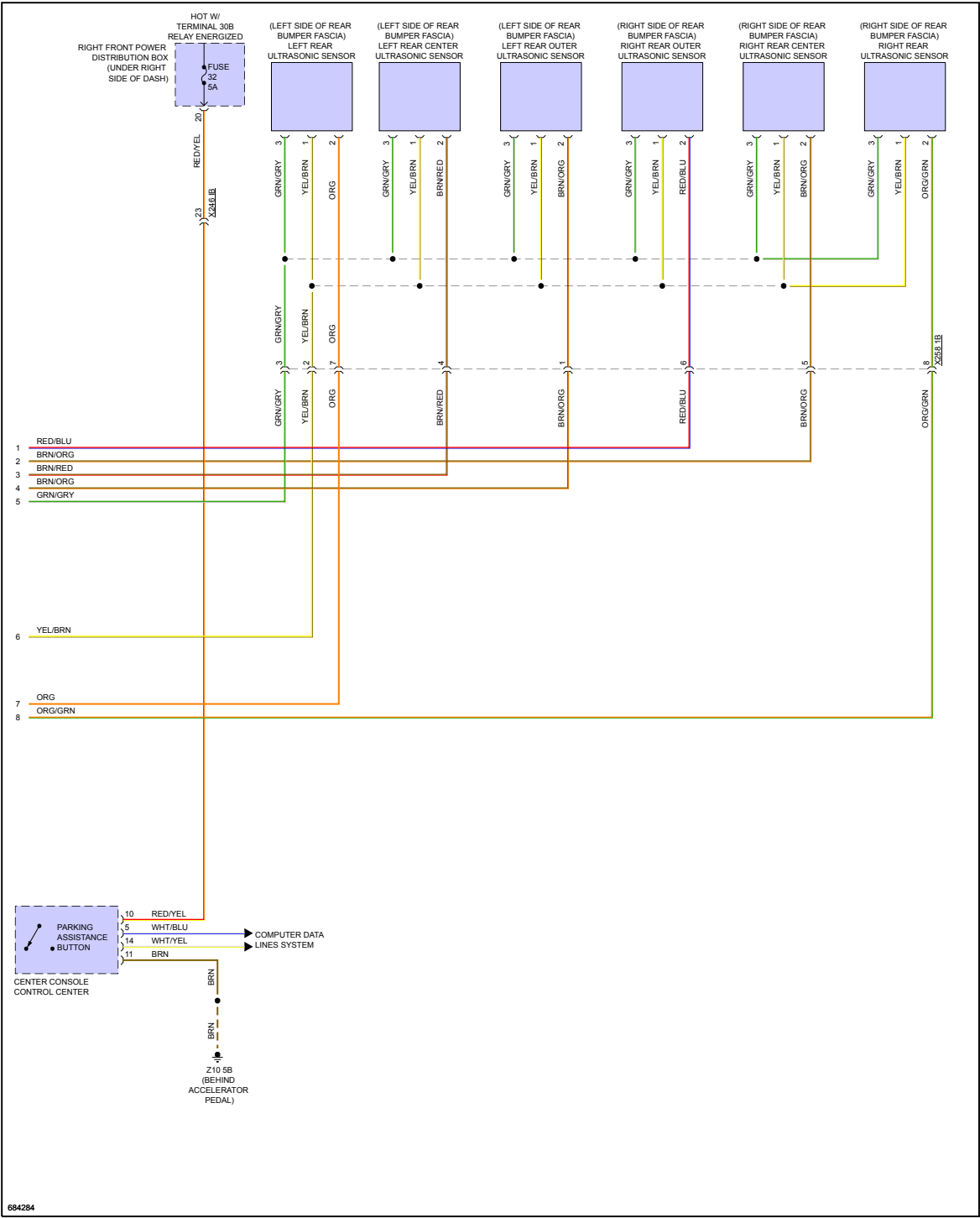
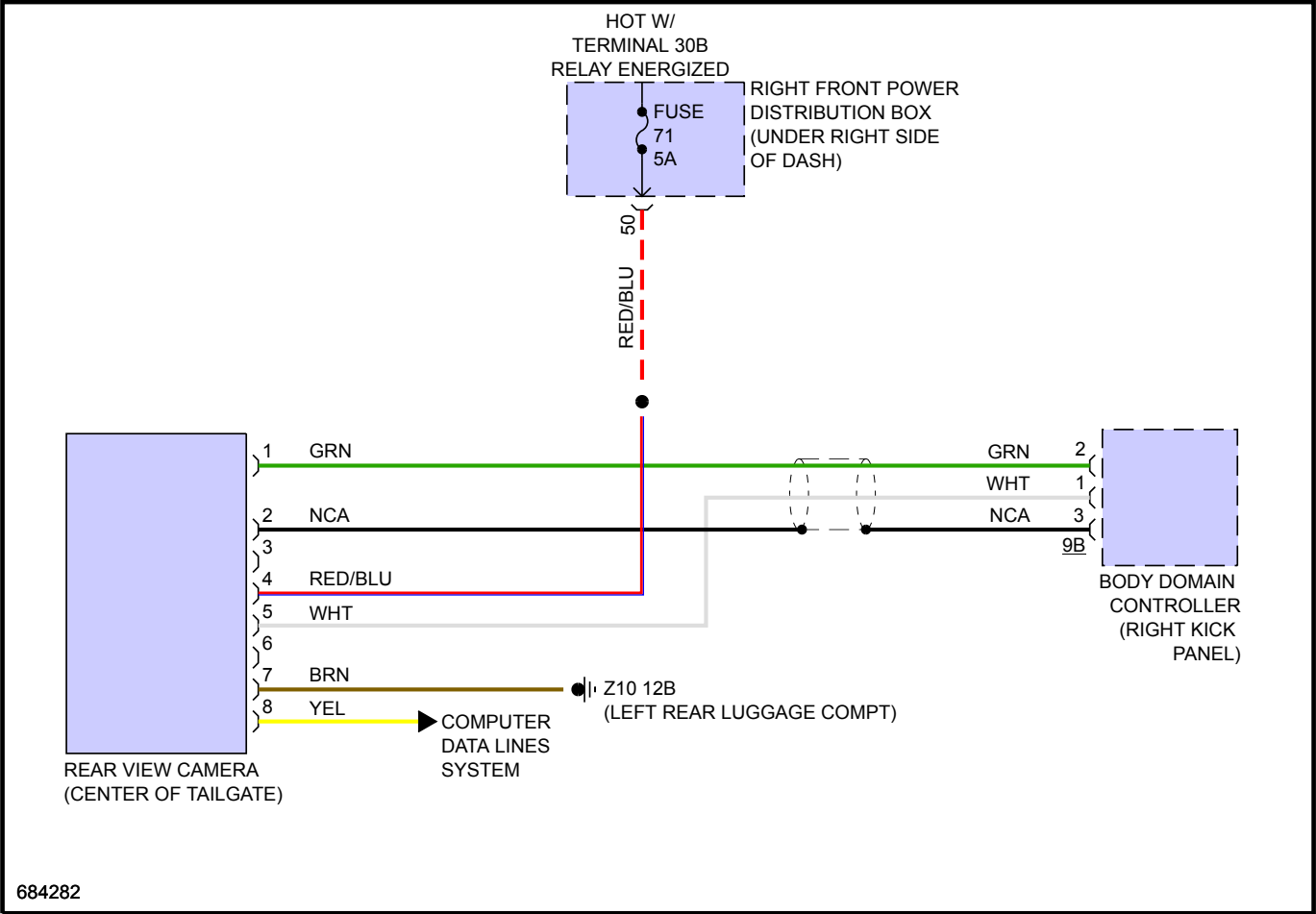
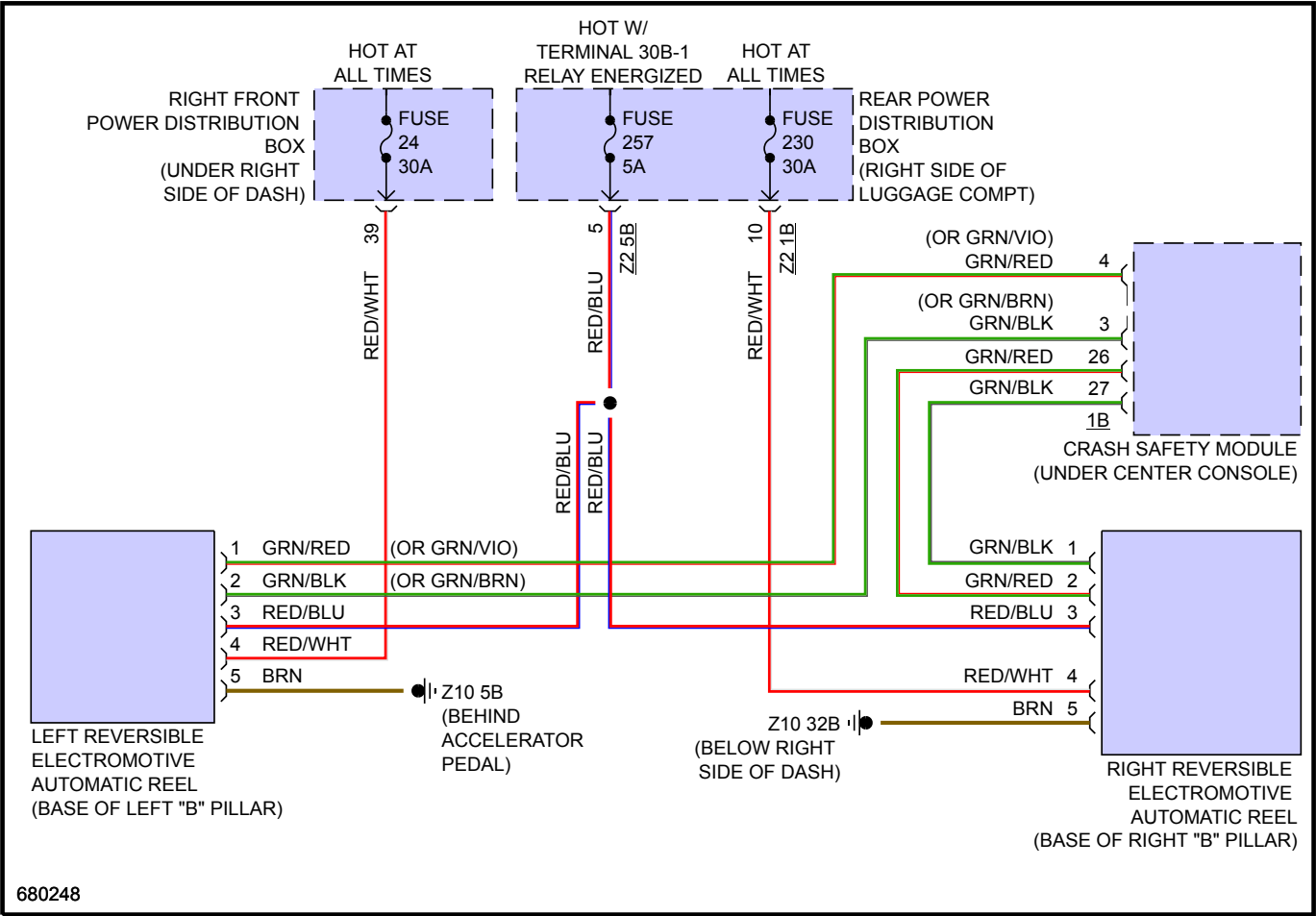


Fig 25: Rear Camera Circuit



PASSIVE RESTRAINTS

Fig 1: Passive Restraints Circuit



POWER DISTRIBUTION

Fig 1: Power Distribution Circuit (1 of 10)

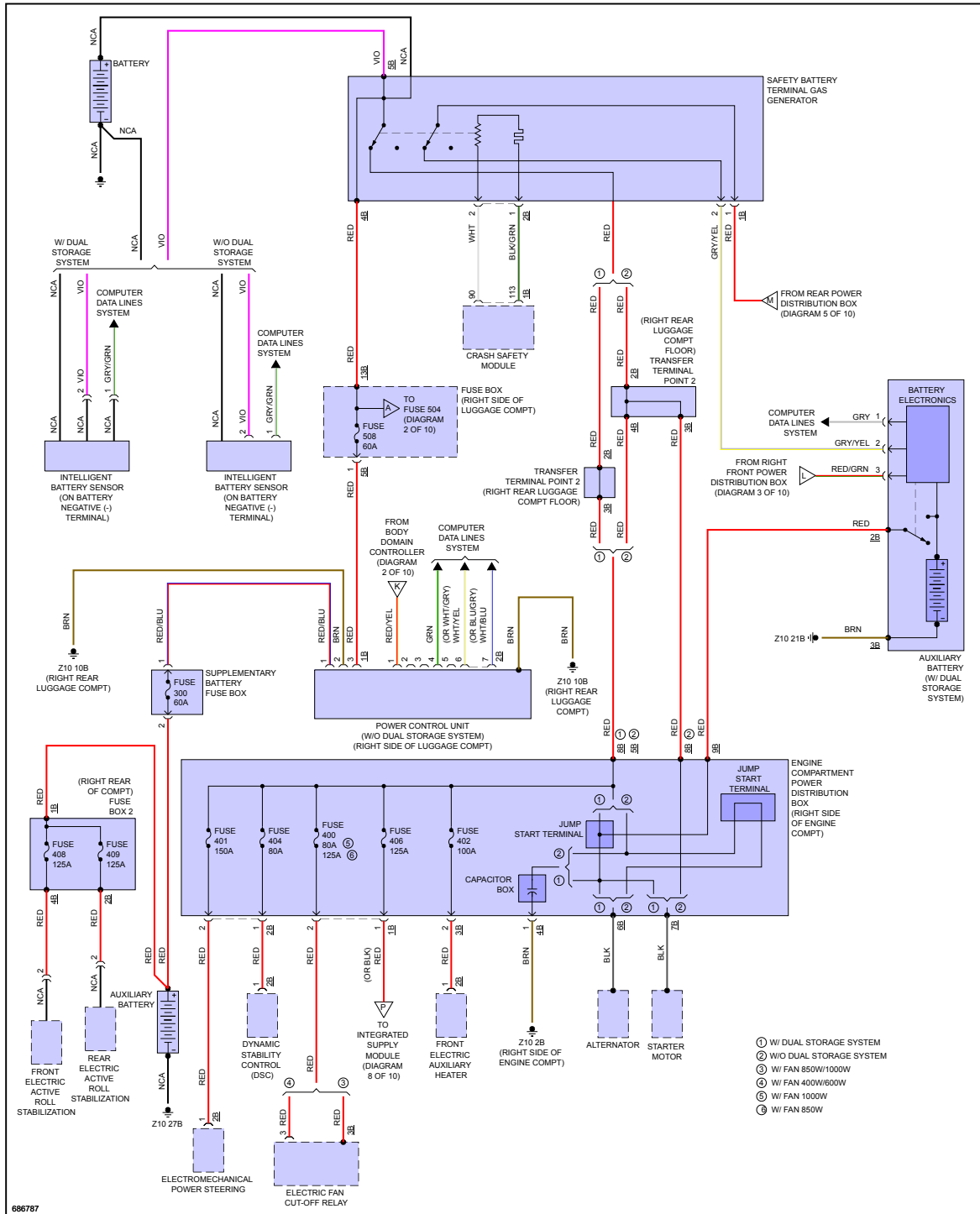


Fig 2: Power Distribution Circuit (2 of 10)

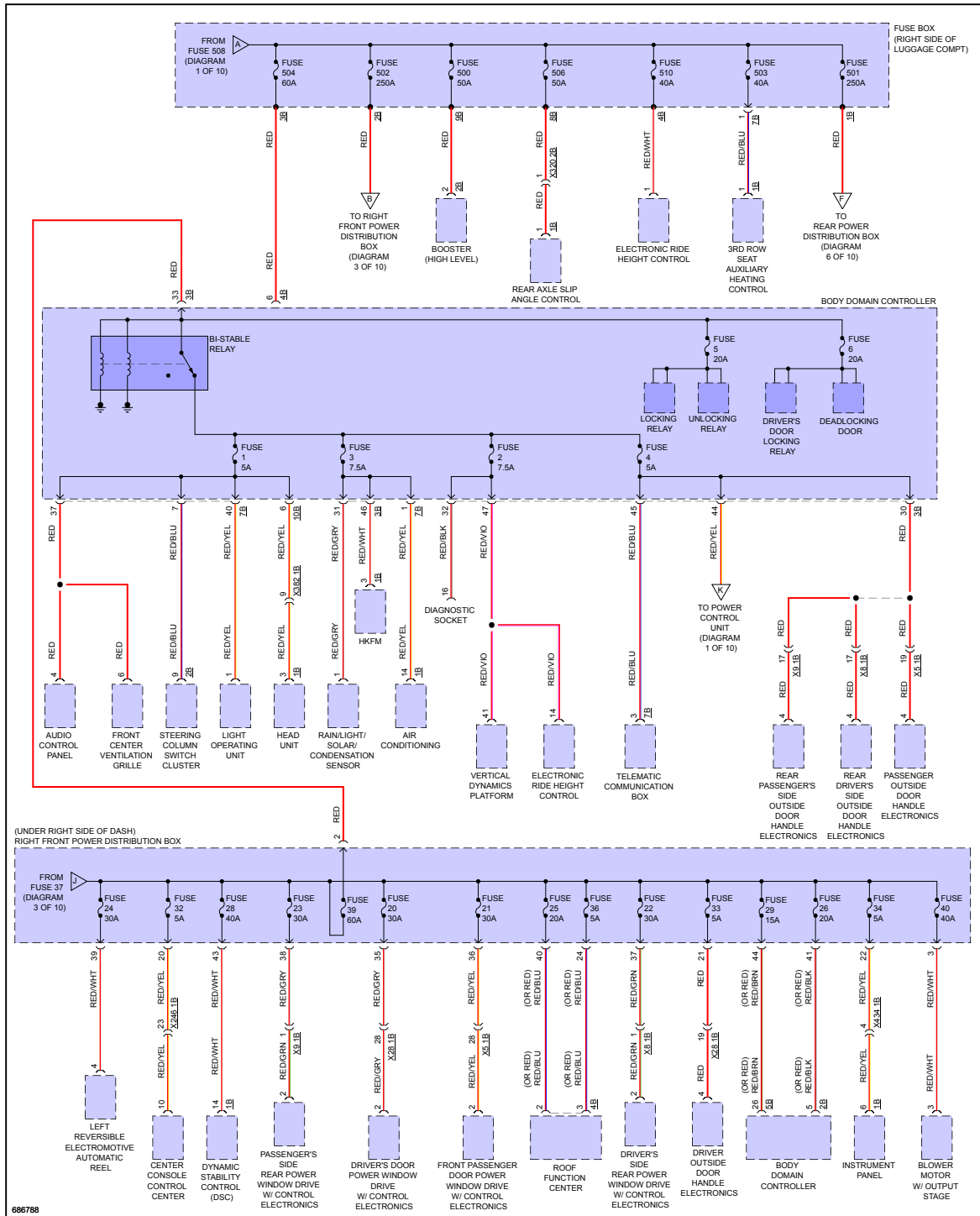


Fig 3: Power Distribution Circuit (3 of 10)



Fig 4: Power Distribution Circuit (4 of 10)

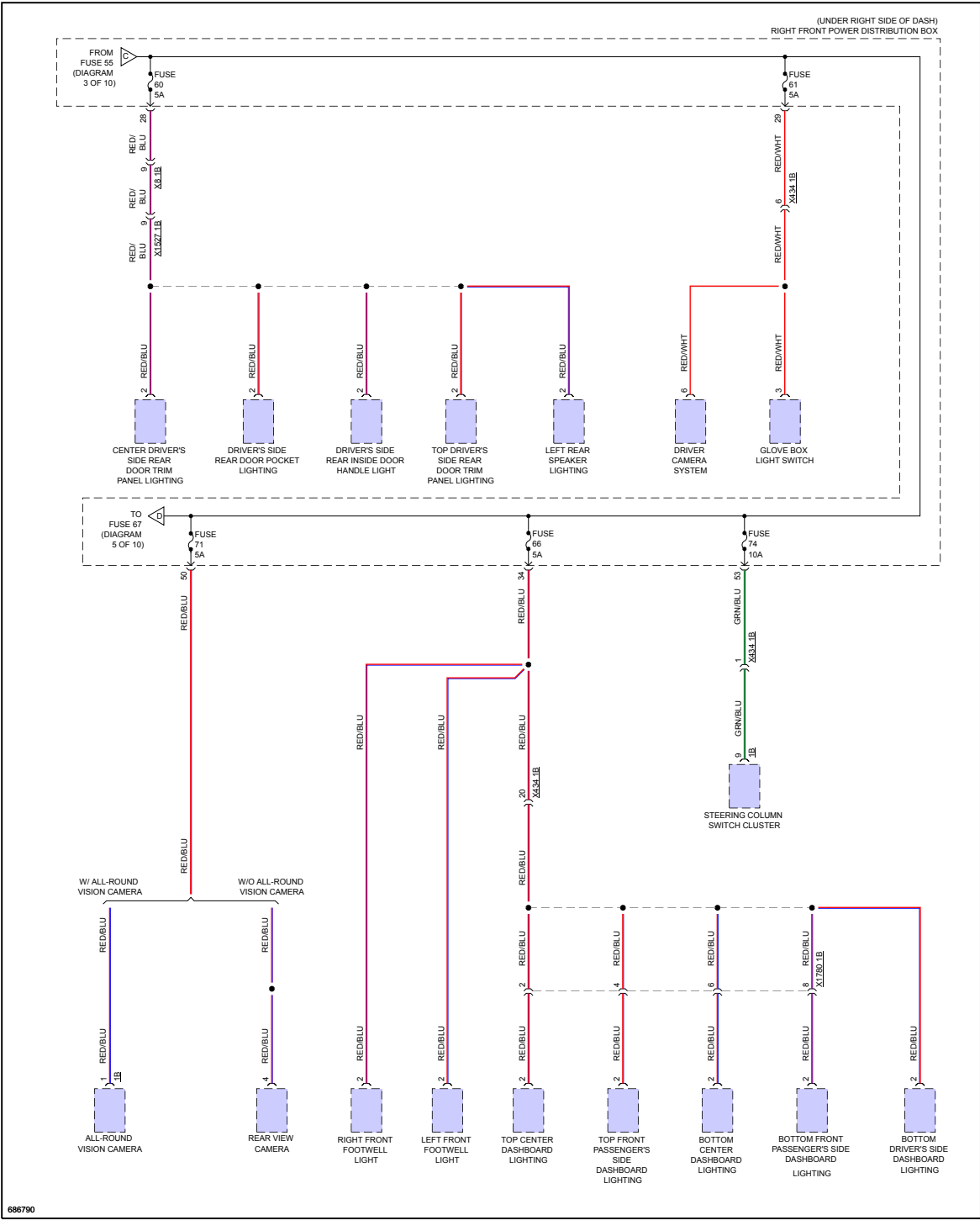


Fig 5: Power Distribution Circuit (5 of 10)



Fig 6: Power Distribution Circuit (6 of 10)



Fig 7: Power Distribution Circuit (7 of 10)

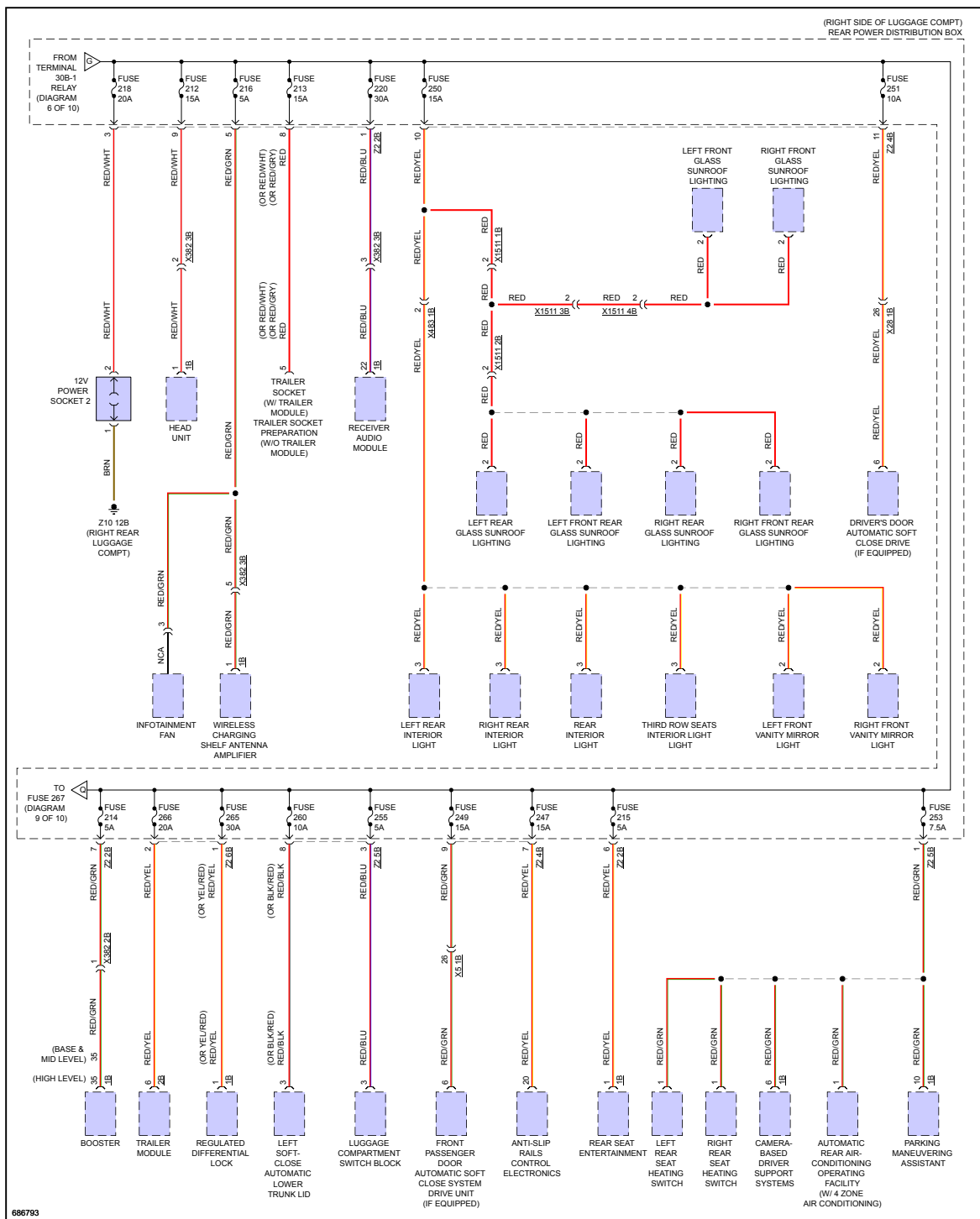


Fig 8: Power Distribution Circuit (8 of 10)



Fig 9: Power Distribution Circuit (9 of 10)

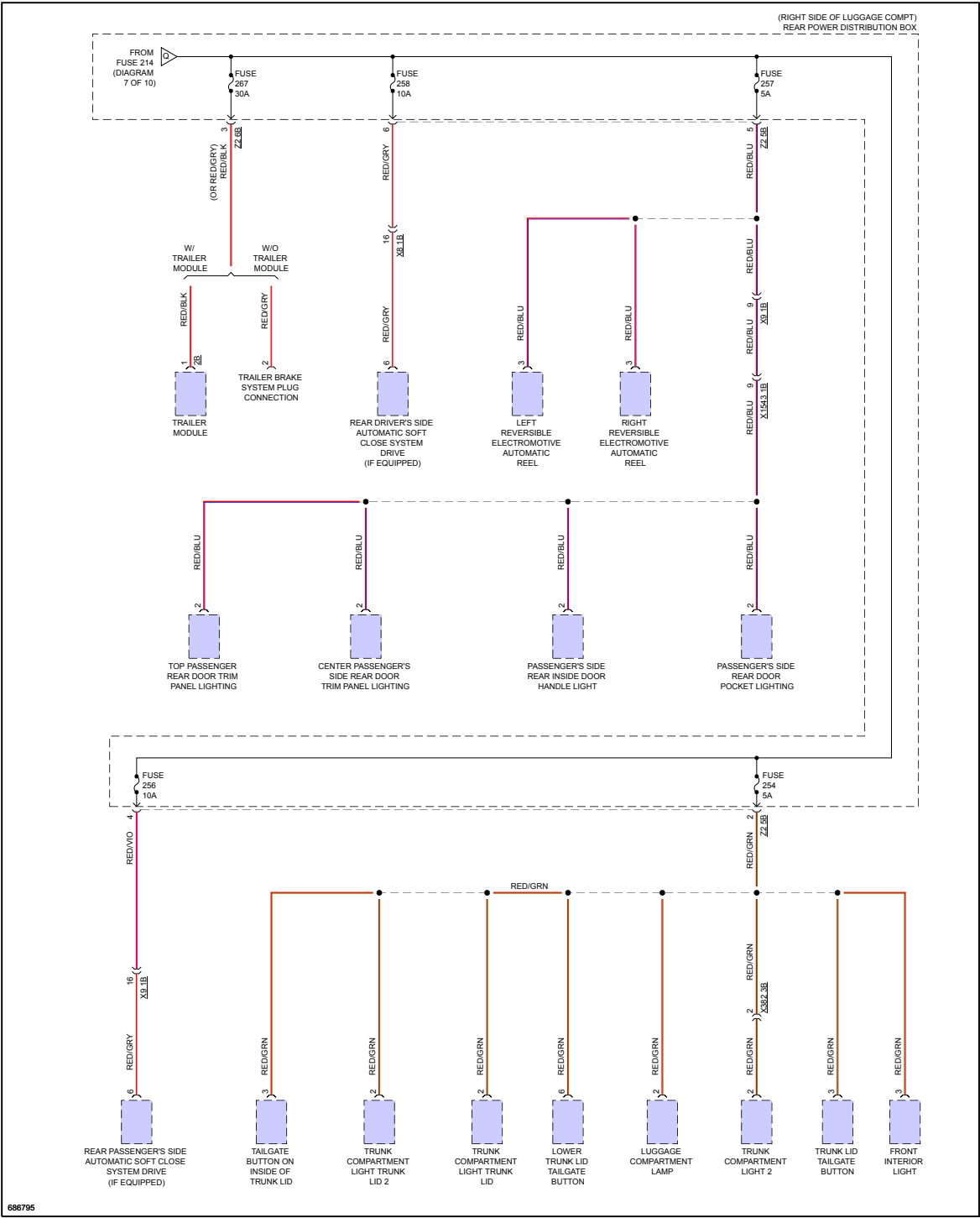


Fig 10: Power Distribution Circuit (10 of 10)

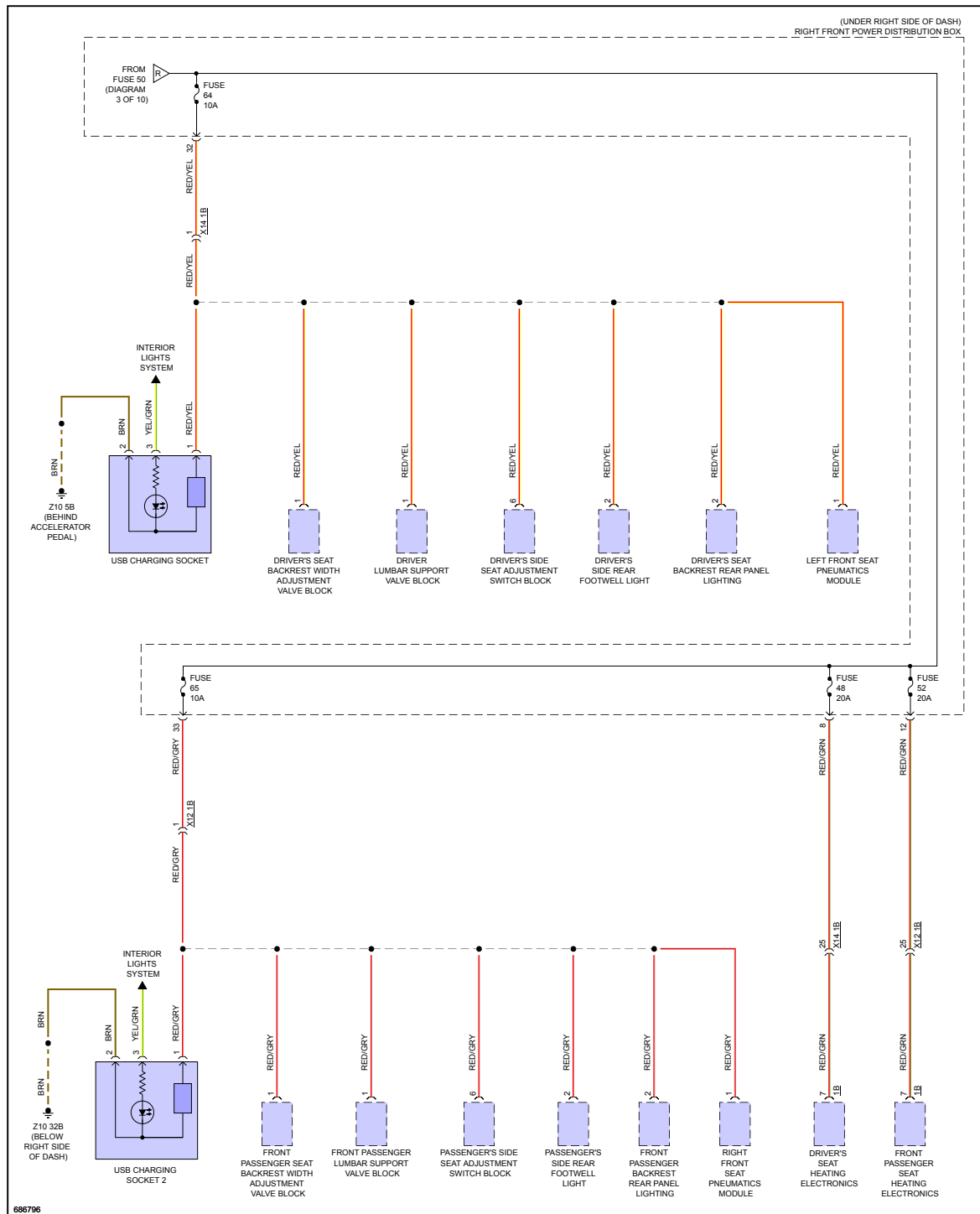


Fig 1: Power Door Locks Circuit (1 of 5)

Fig 2: Power Door Locks Circuit (2 of 5)

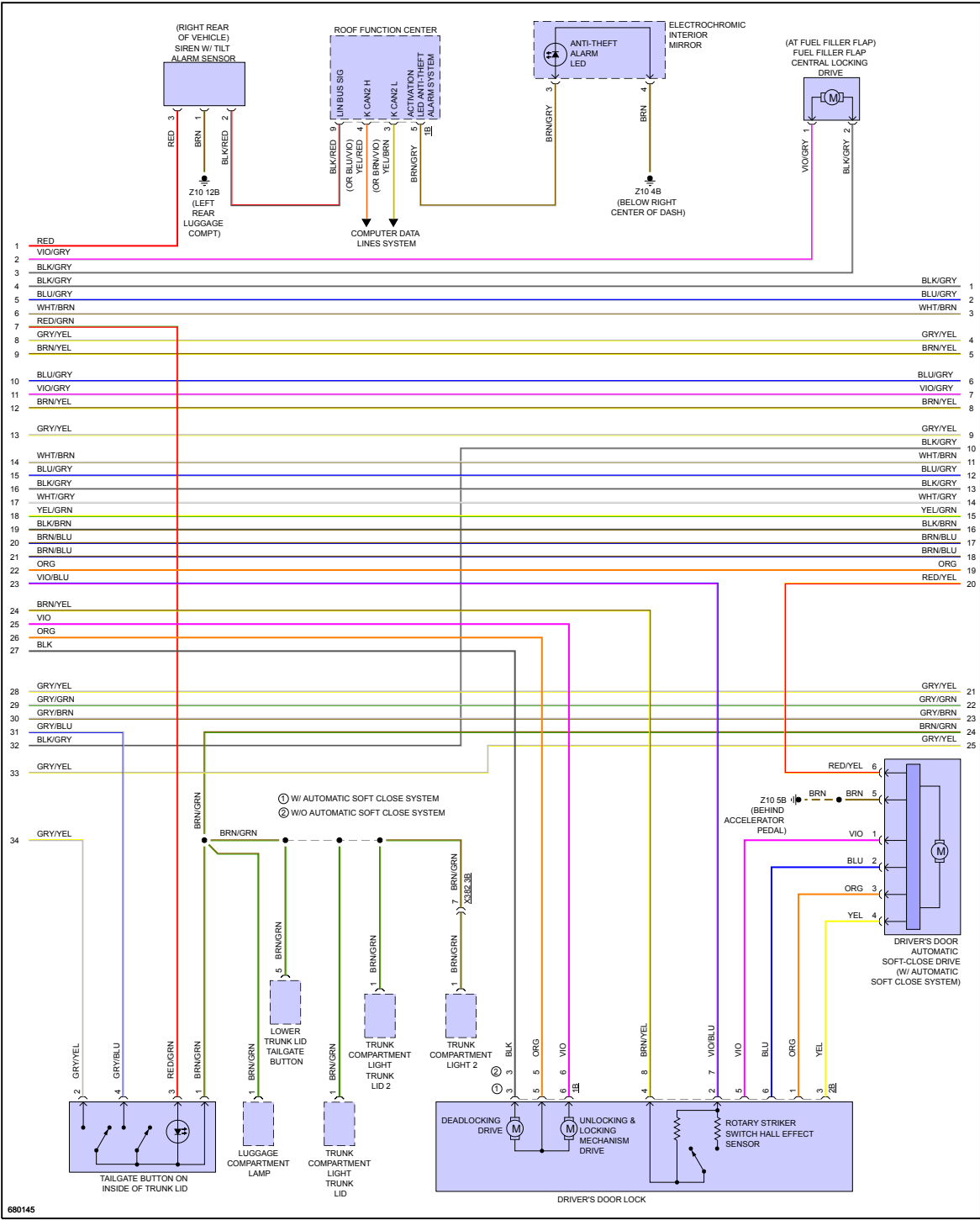


Fig 3: Power Door Locks Circuit (3 of 5)

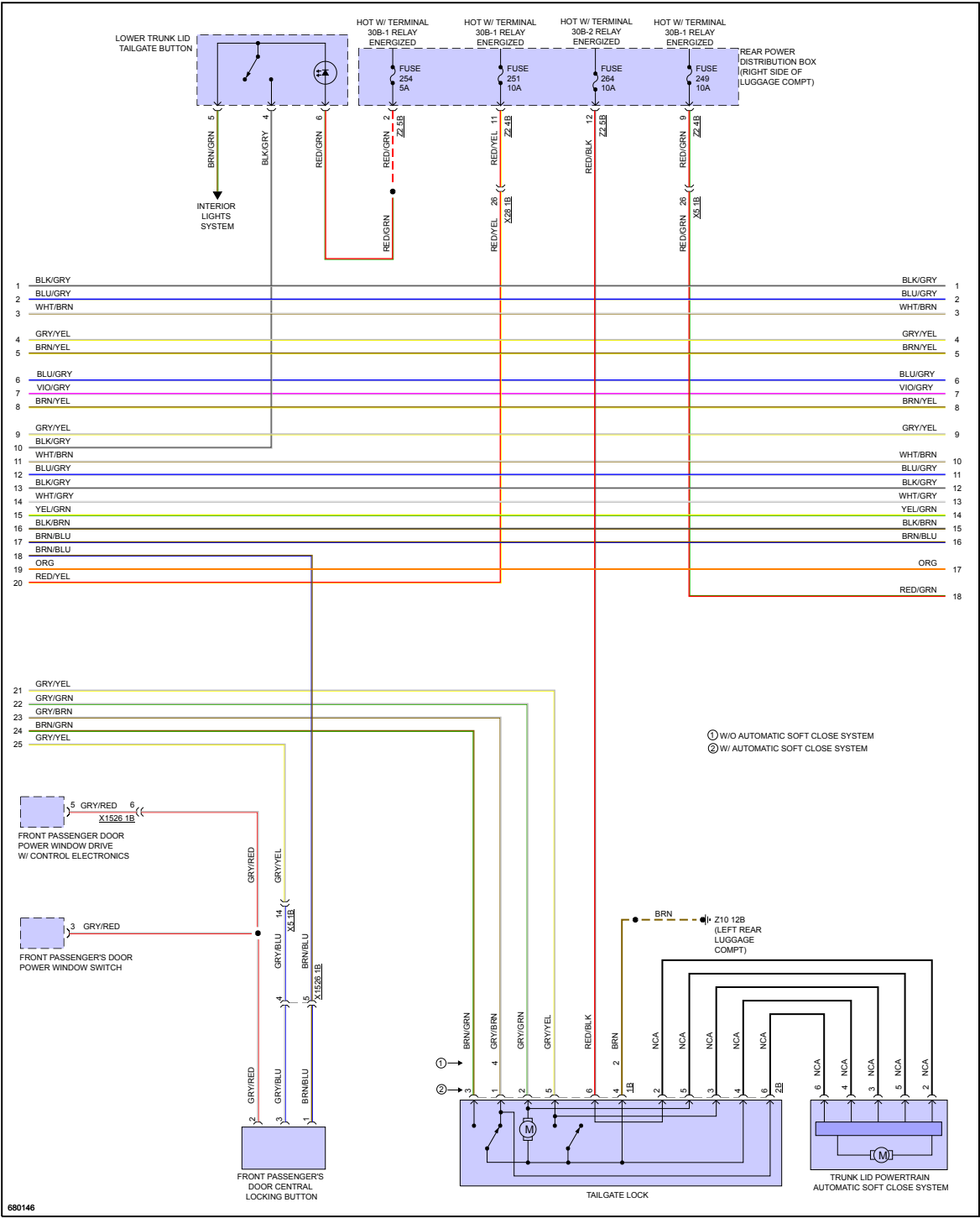


Fig 4: Power Door Locks Circuit (4 of 5)

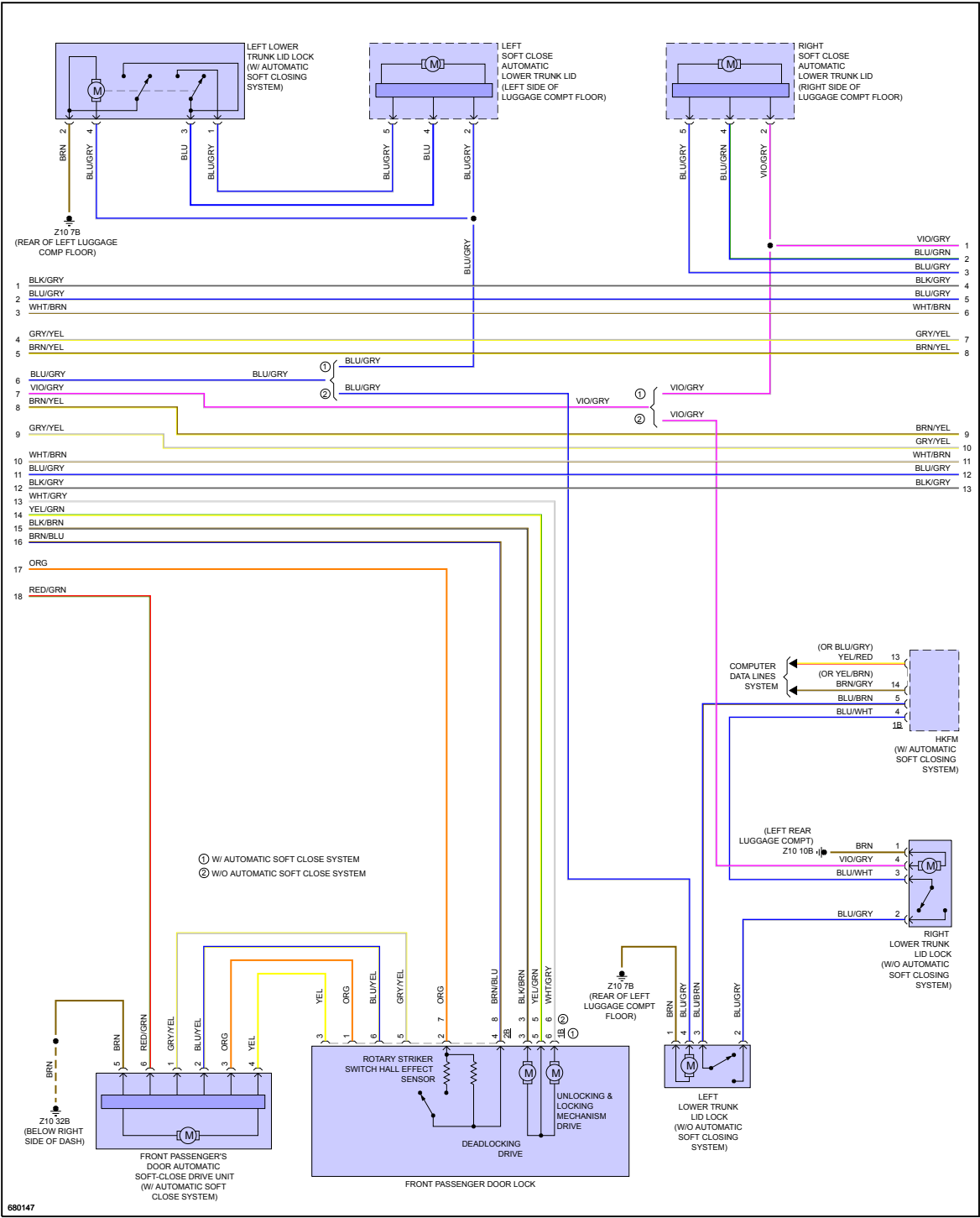
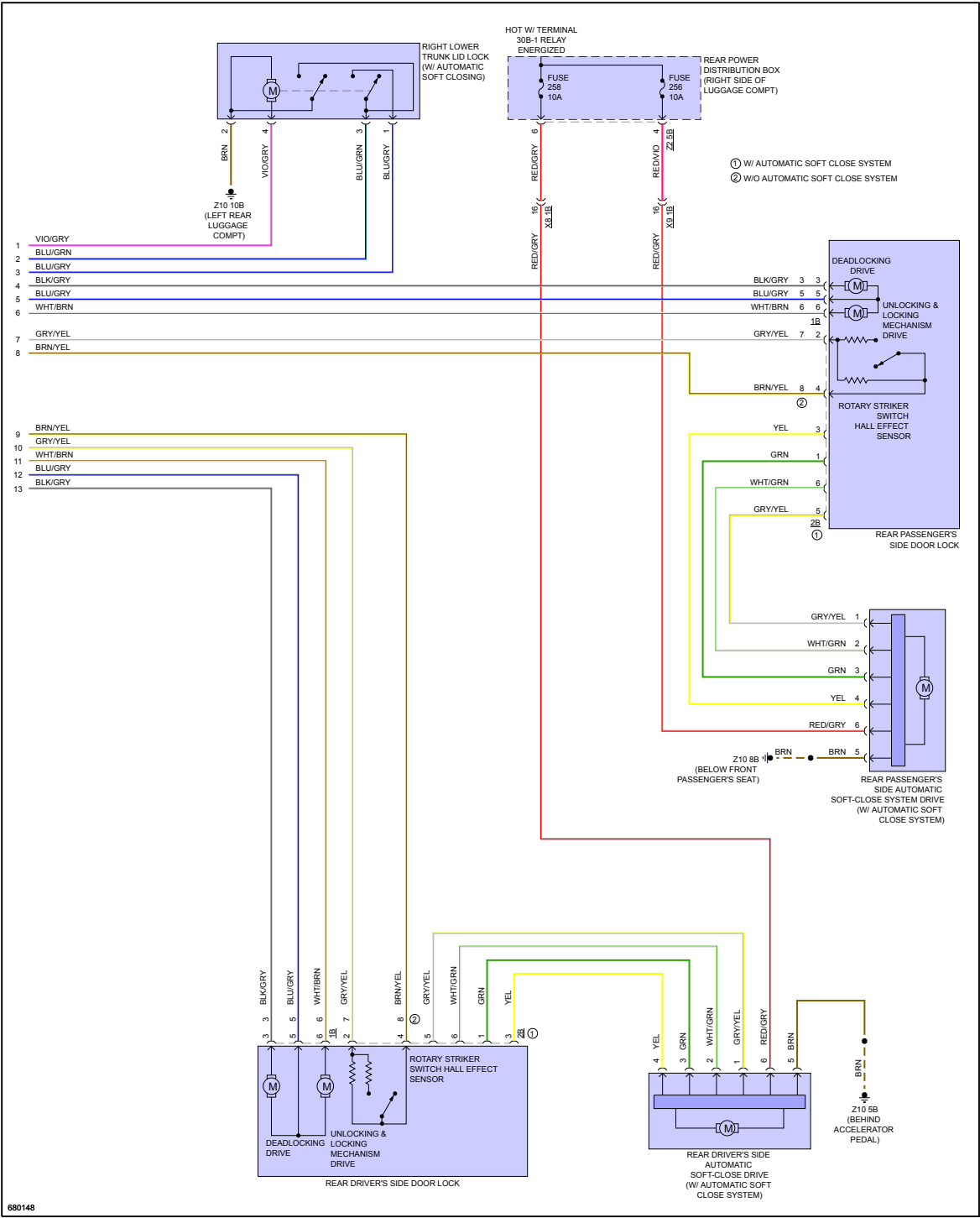


Fig 5: Power Door Locks Circuit (5 of 5)



POWER MIRRORS

Fig 1: Power Mirrors Circuit

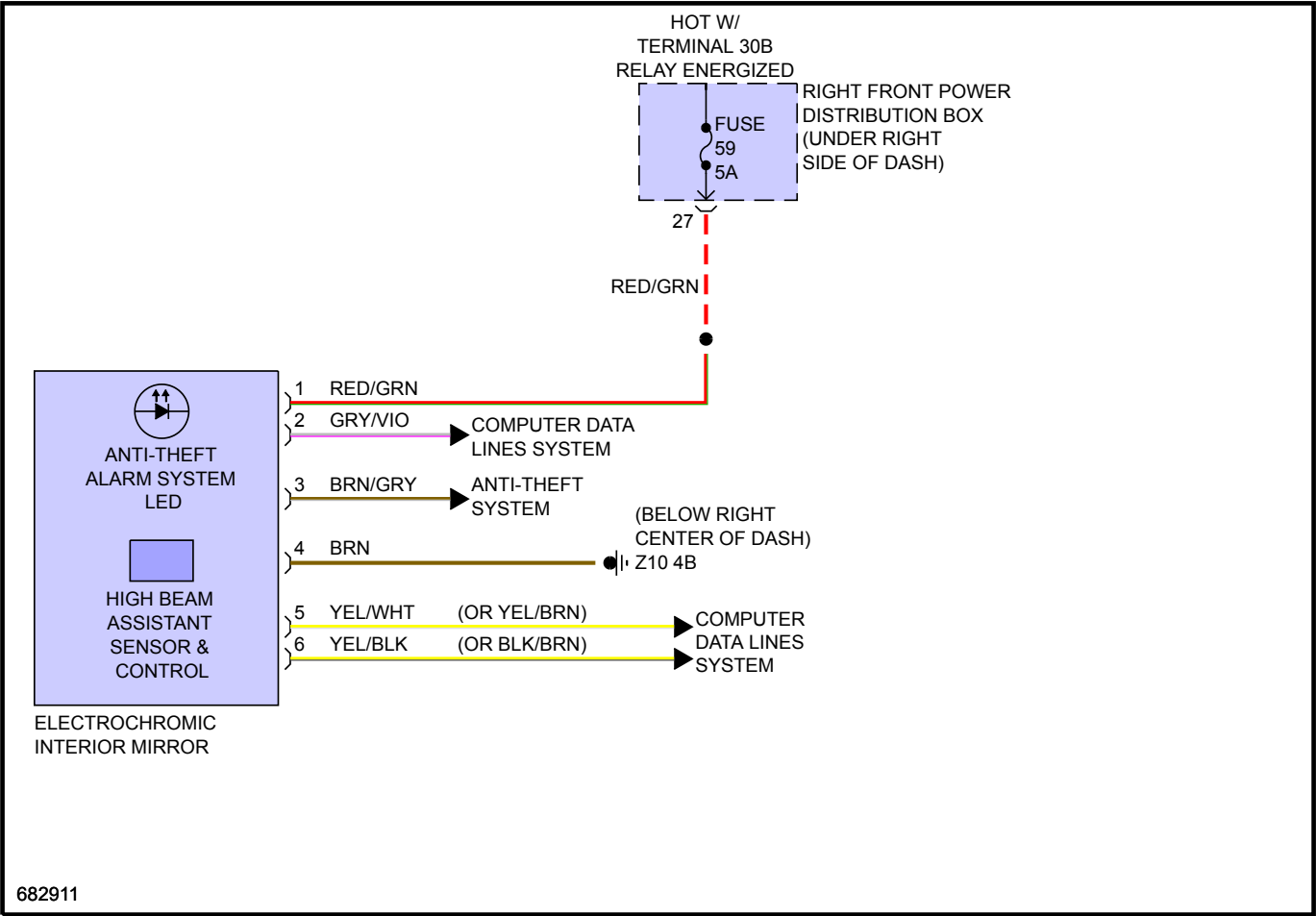


Fig 1: Front Heated Seats Circuit, W/ Memory



Fig 2: Front Heated Seats Circuit, W/O Memory

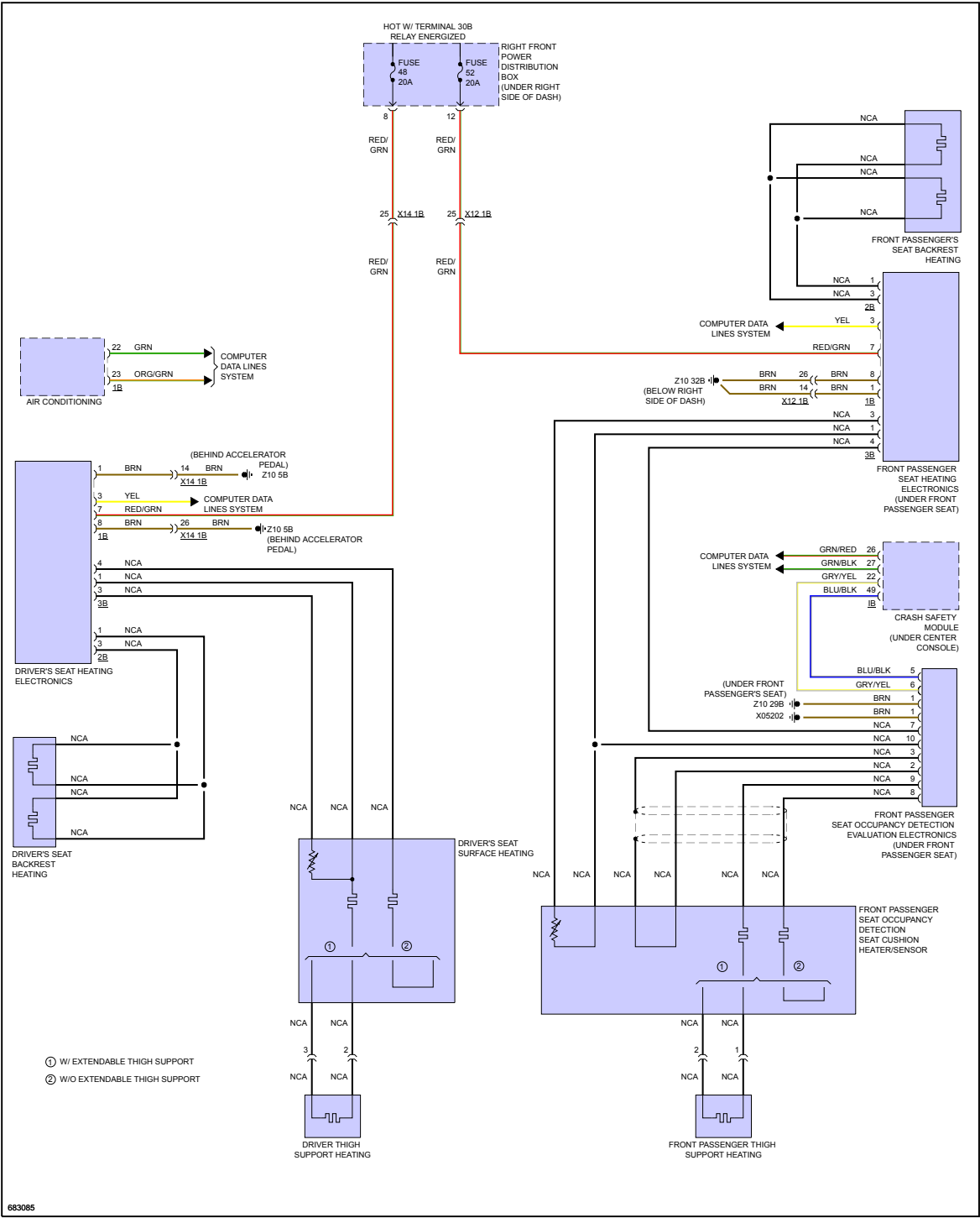


Fig 3: Heated Steering Wheel Circuit

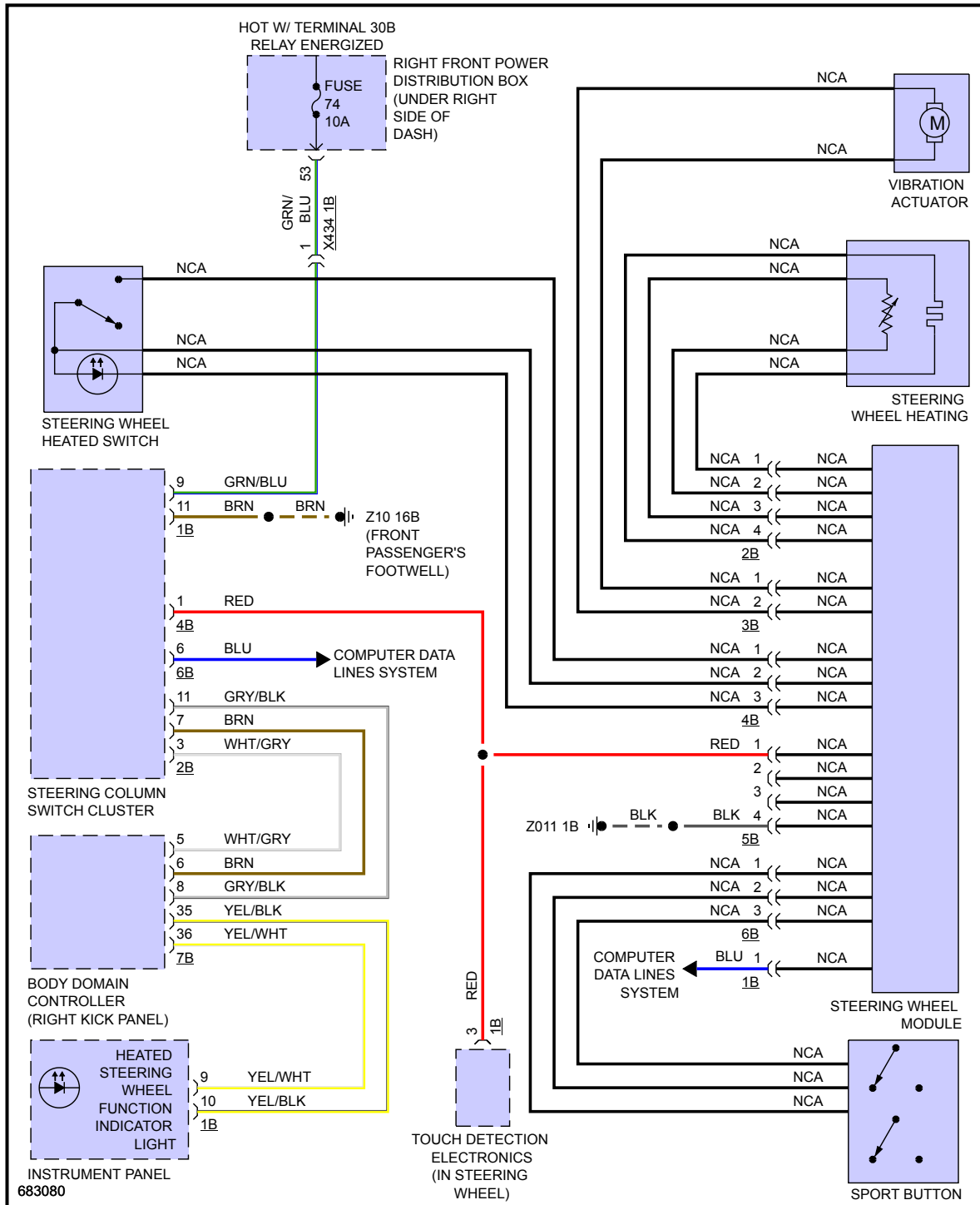


Fig 4: Lumbar Circuit

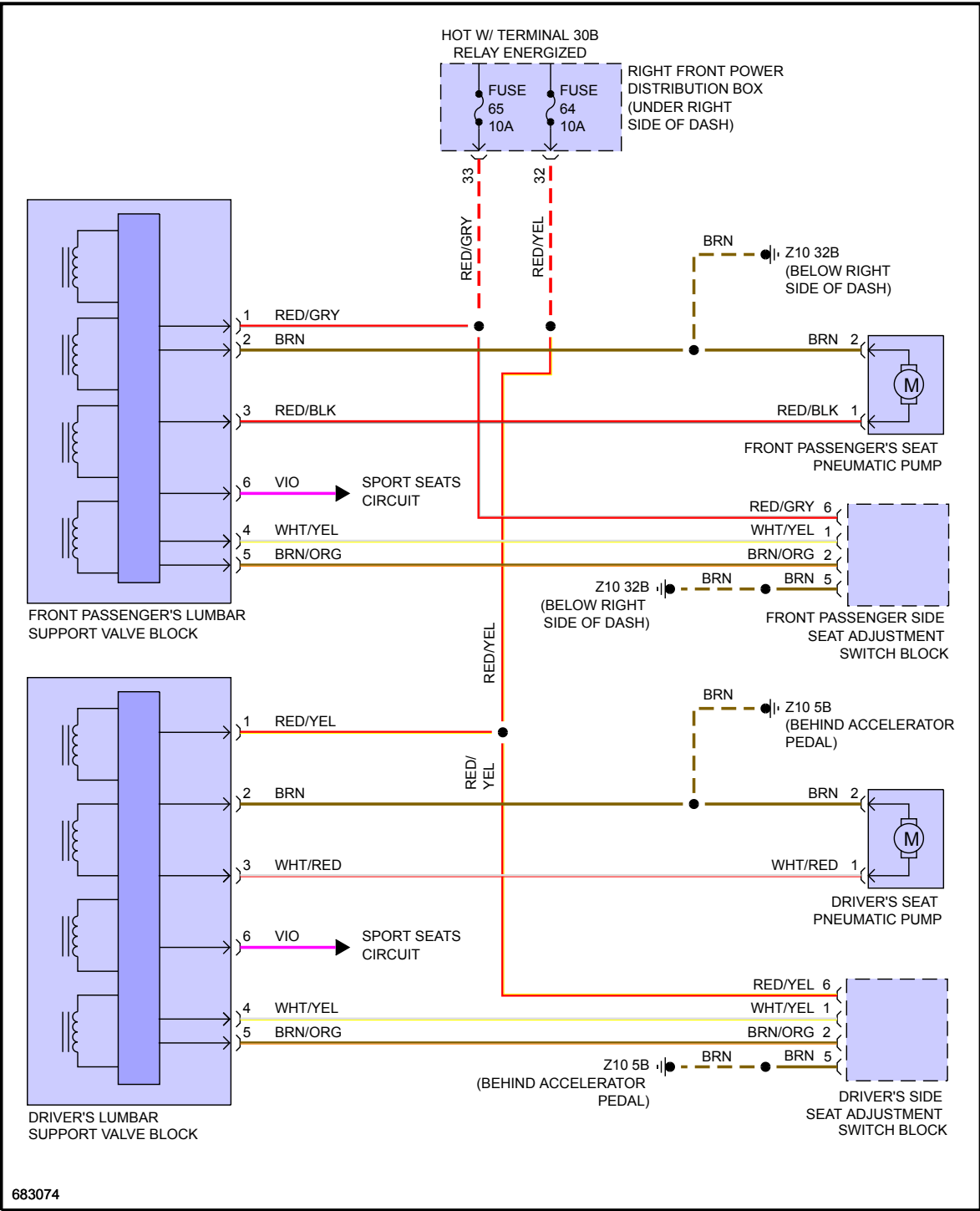


Fig 5: Passenger Power Seat Circuit

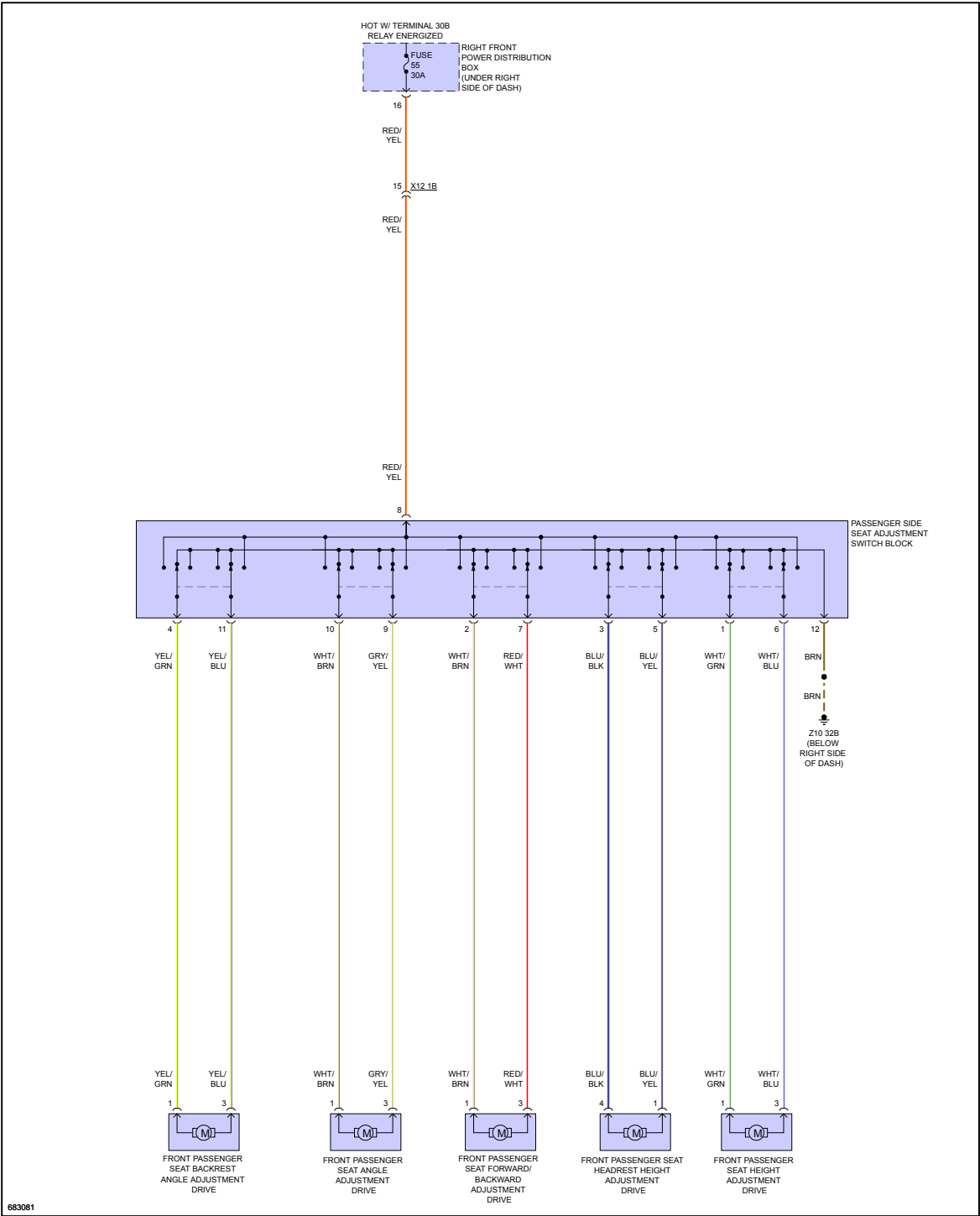


Fig 6: Pneumatics Seat Circuit

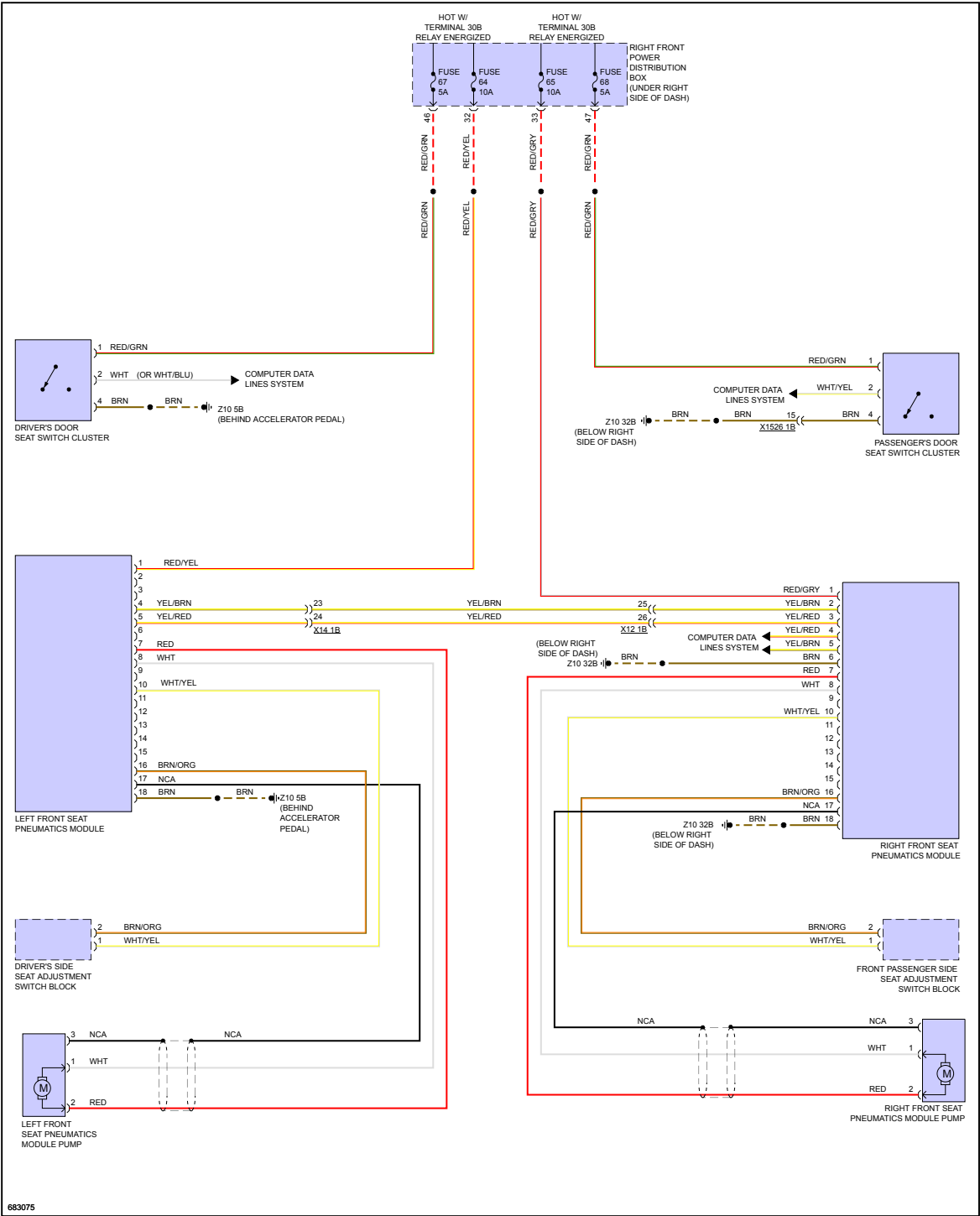


Fig 7: Rear Heated Seats Circuit, W/ Memory

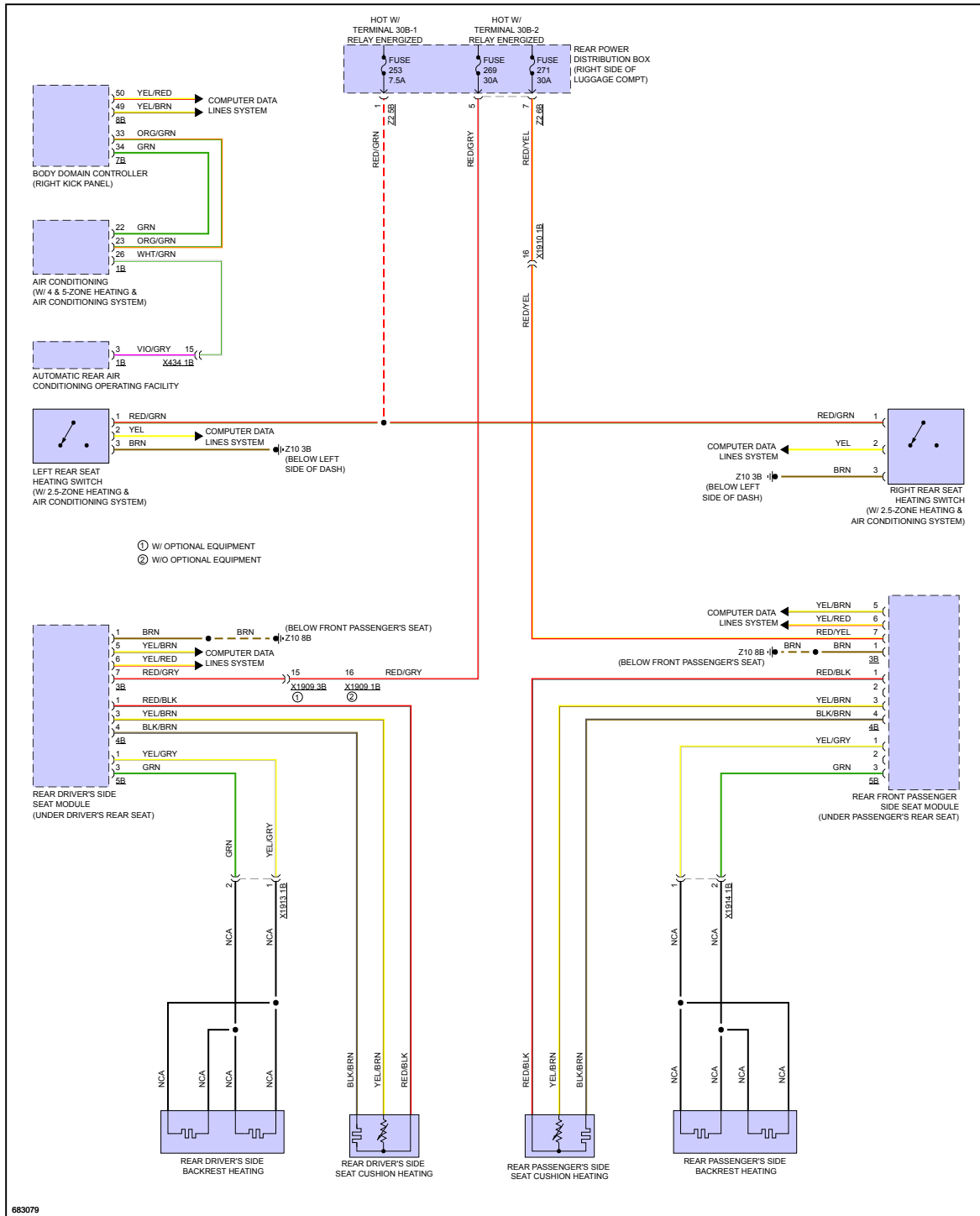


Fig 9: Seat Ventilation Circuit (1 of 2)

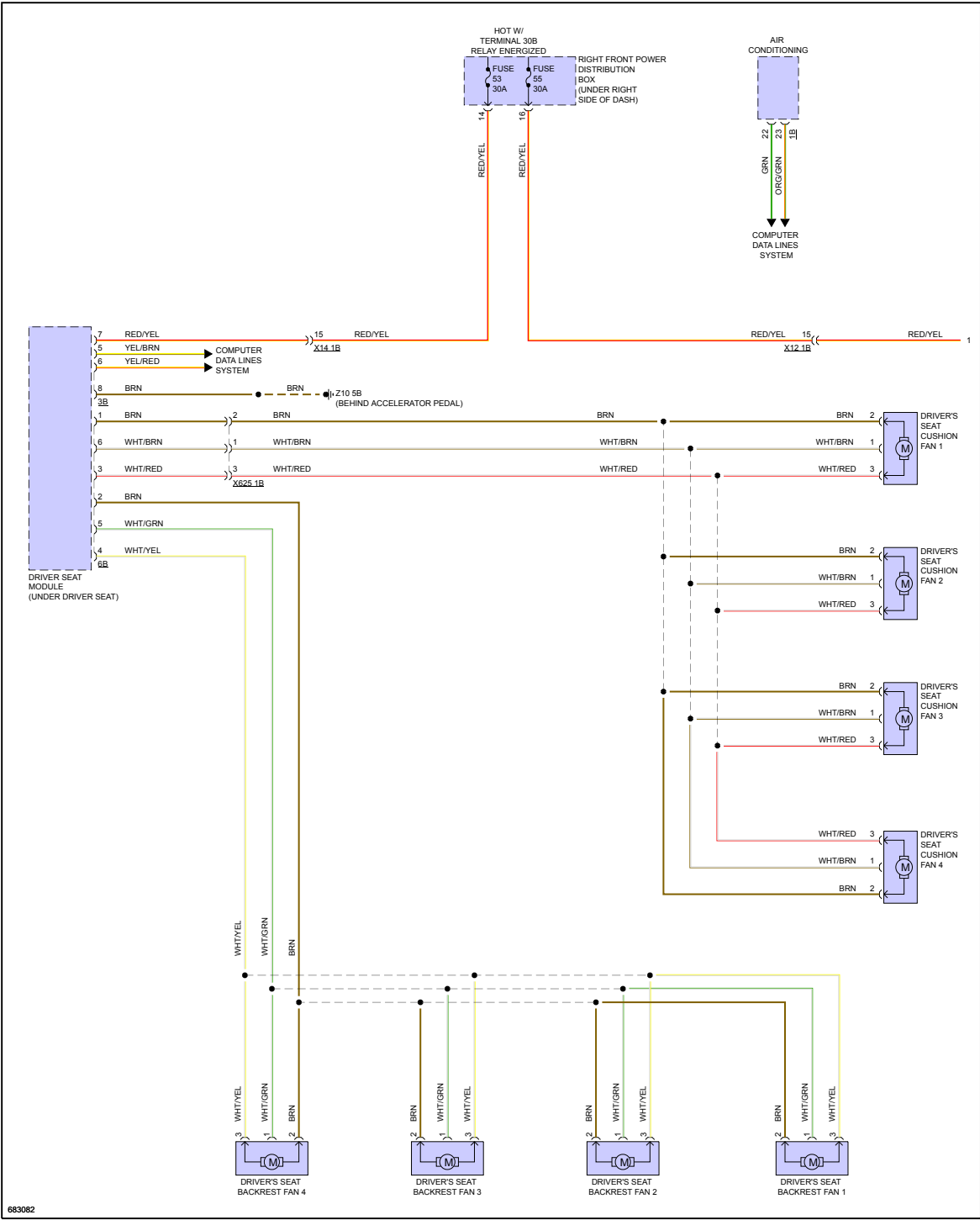


Fig 10: Seat Ventilation Circuit (2 of 2)

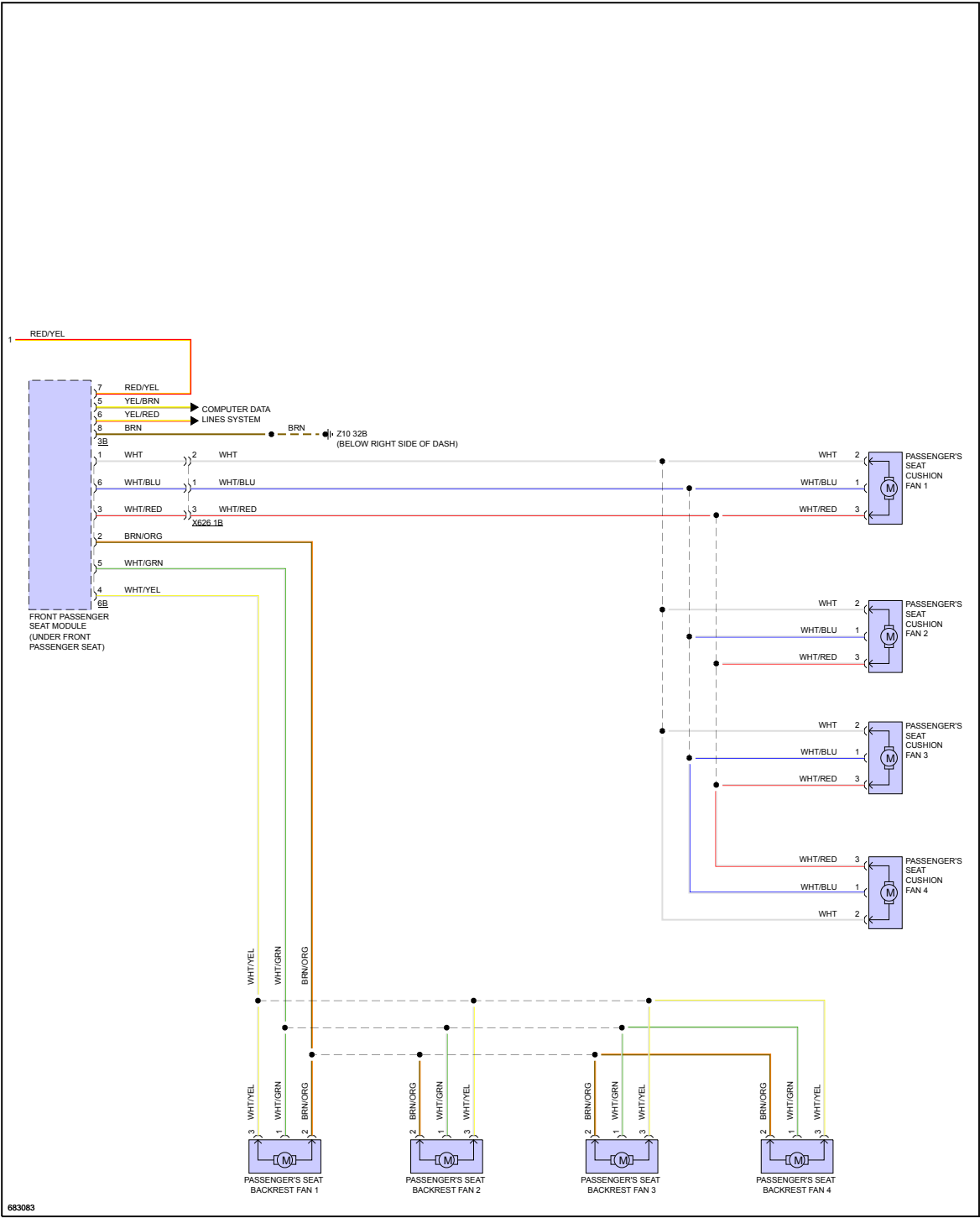


Fig 11: Second Row Seat Locking Circuit

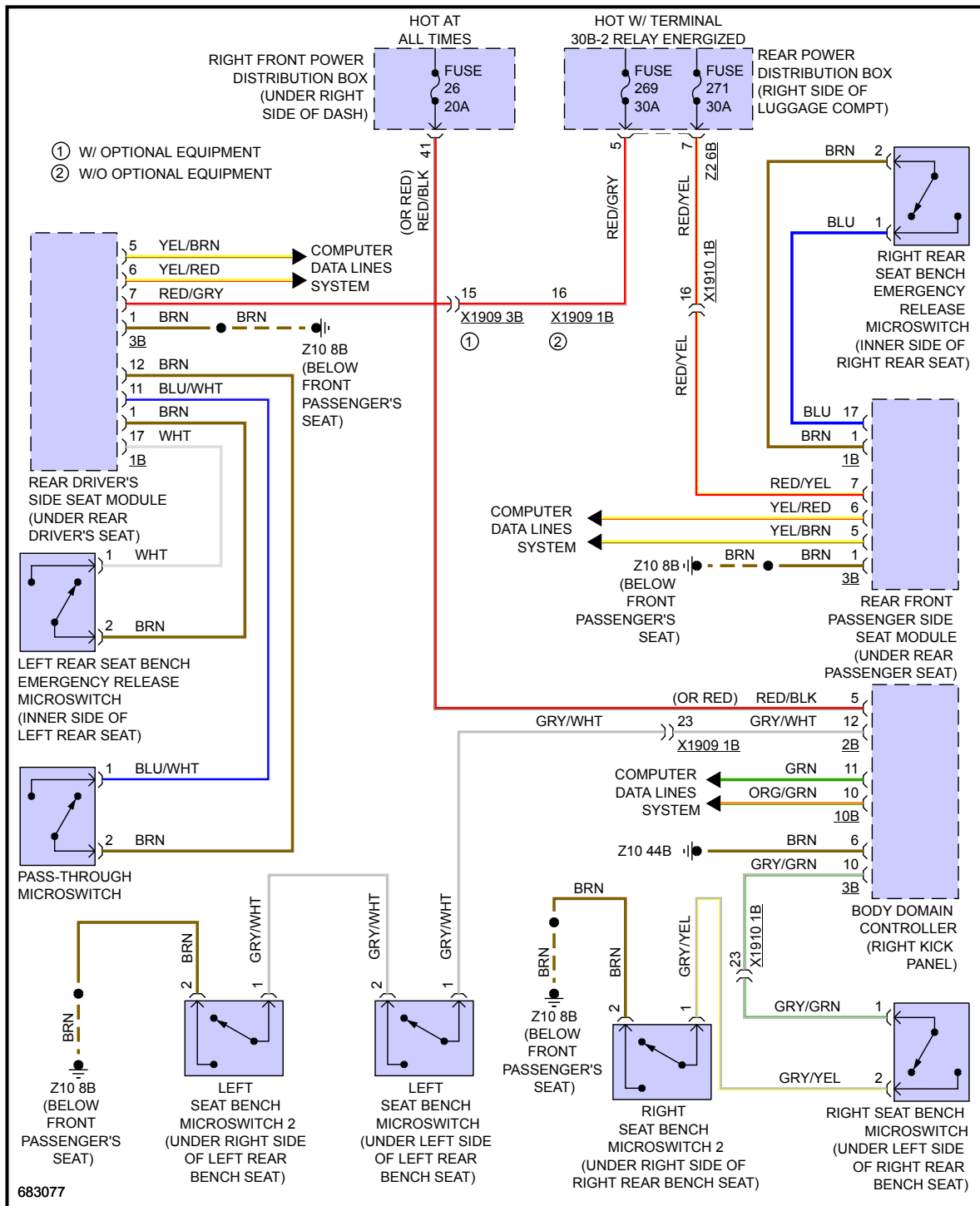
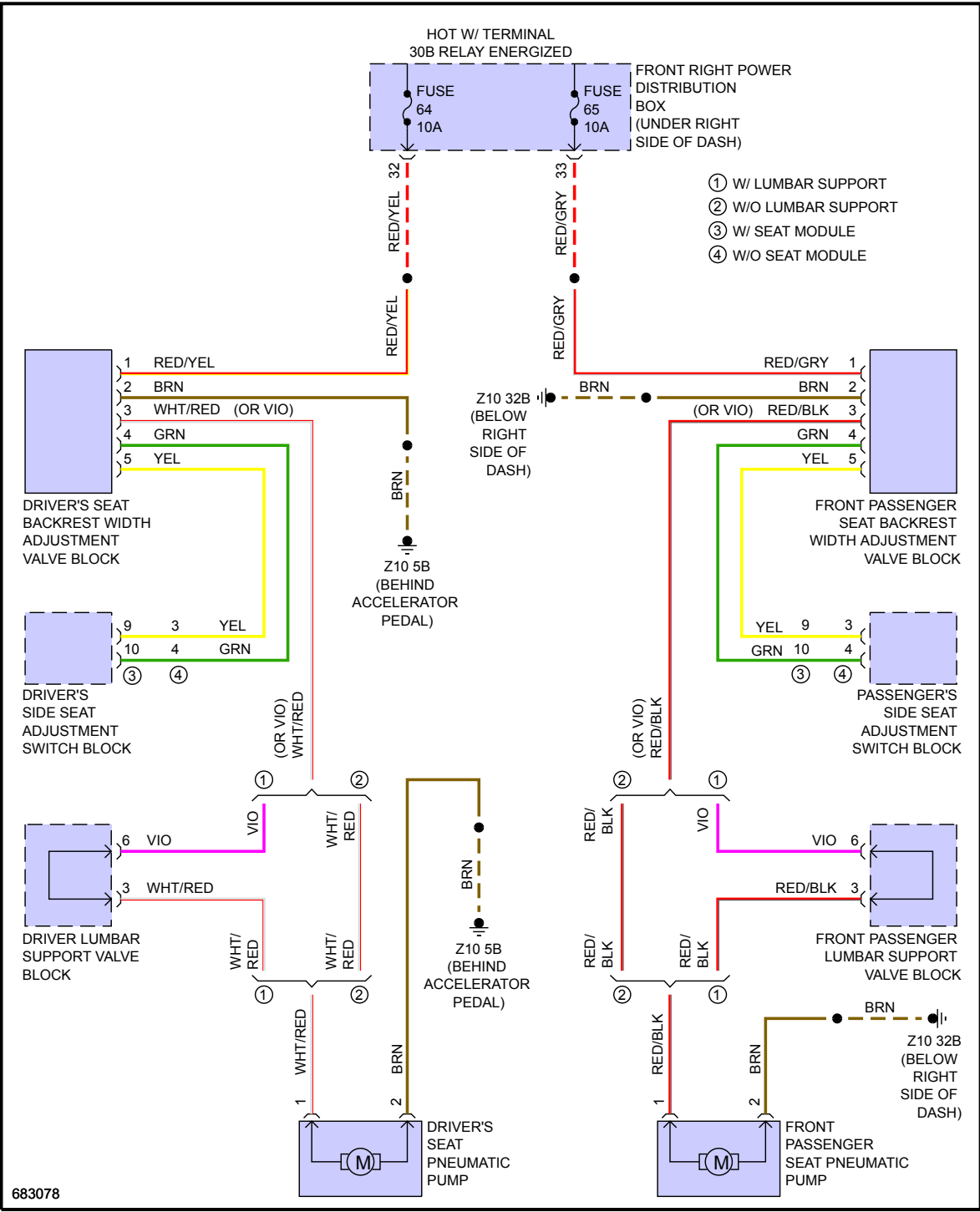
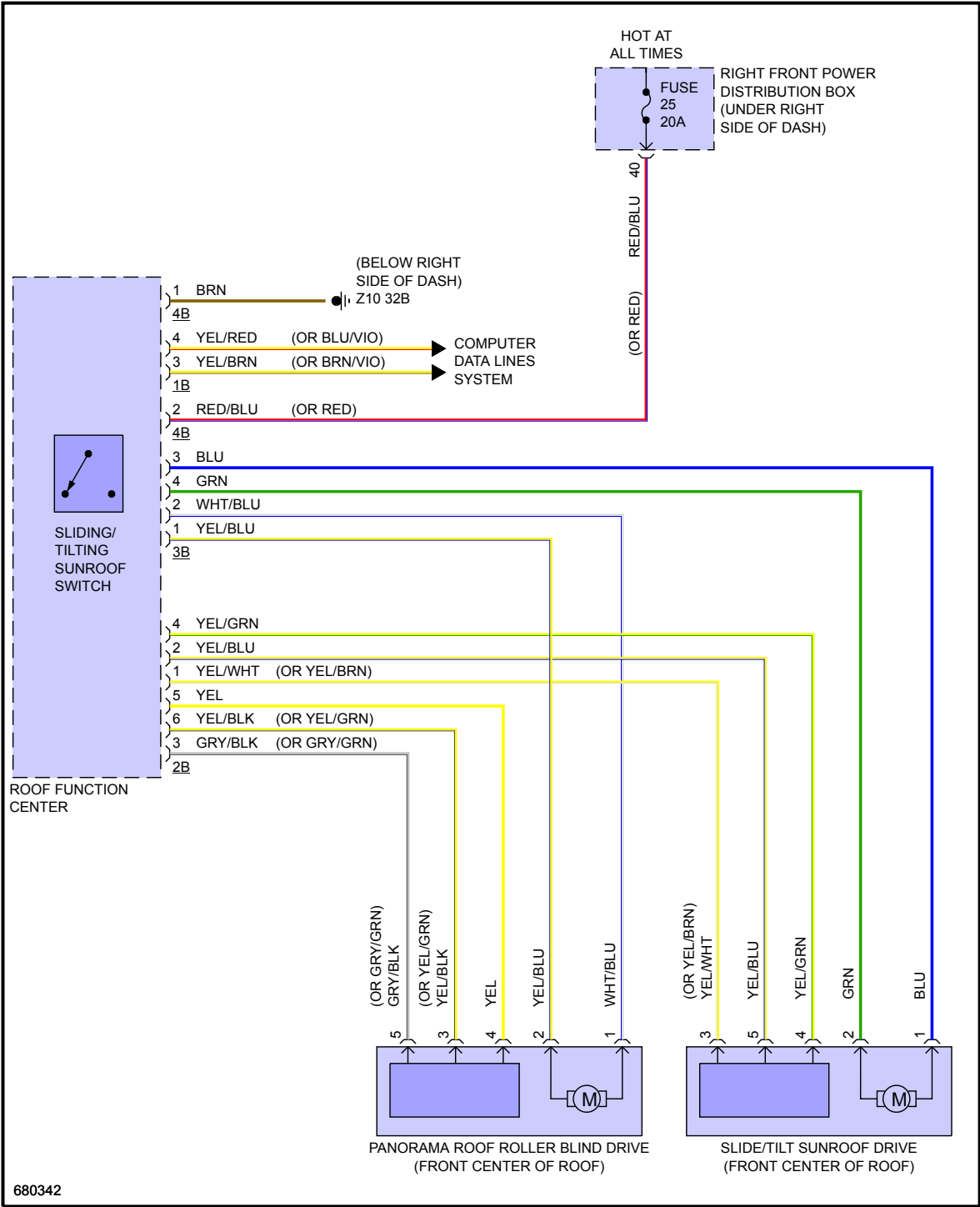


Fig 12: Sport Seats Circuit



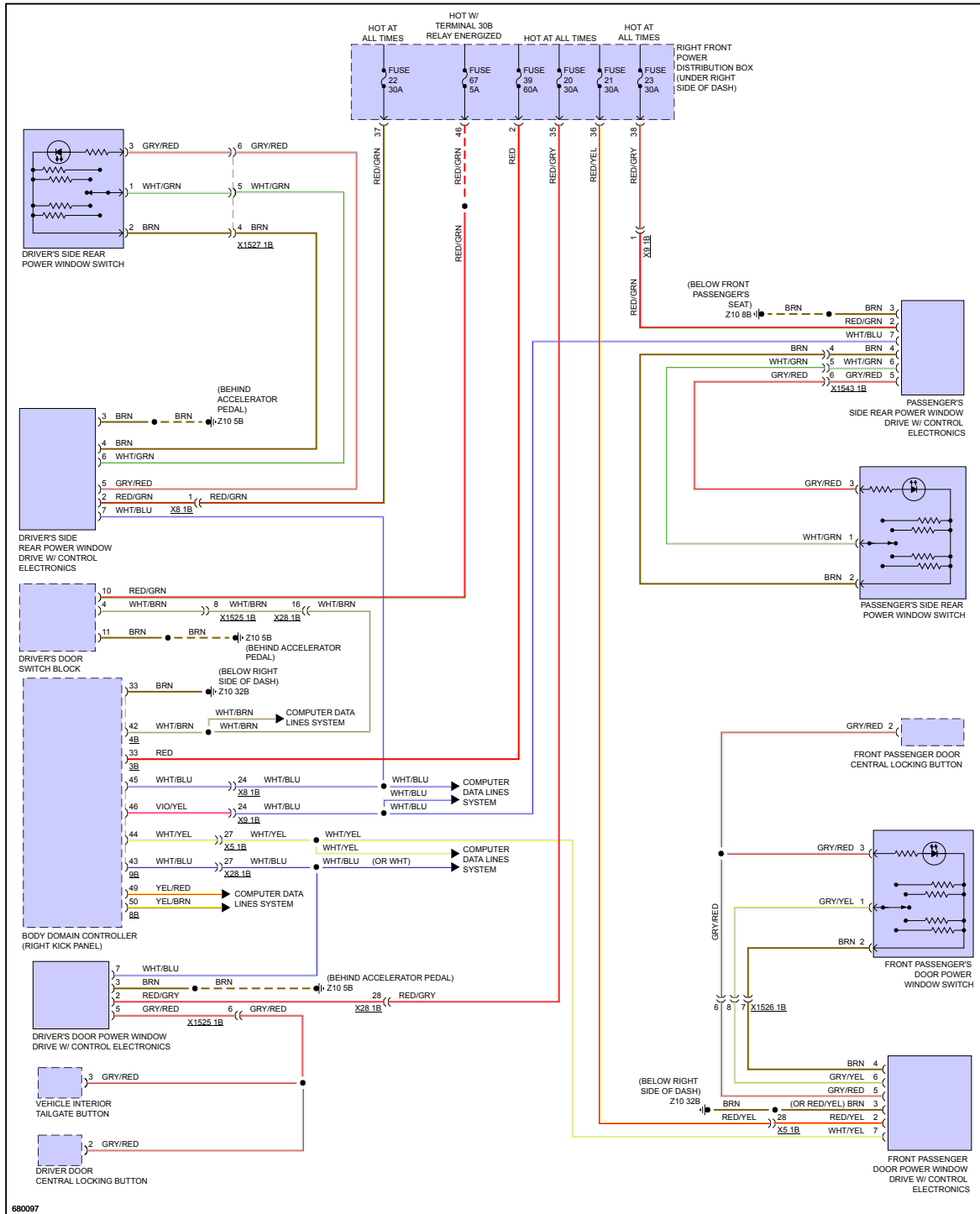
POWER TOP/SUNROOF

Fig 1: Power Top/Sunroof Circuit



POWER WINDOWS

Fig 1: Power Windows Circuit



RADIO

Fig 1: Rear Seat Entertainment Circuit

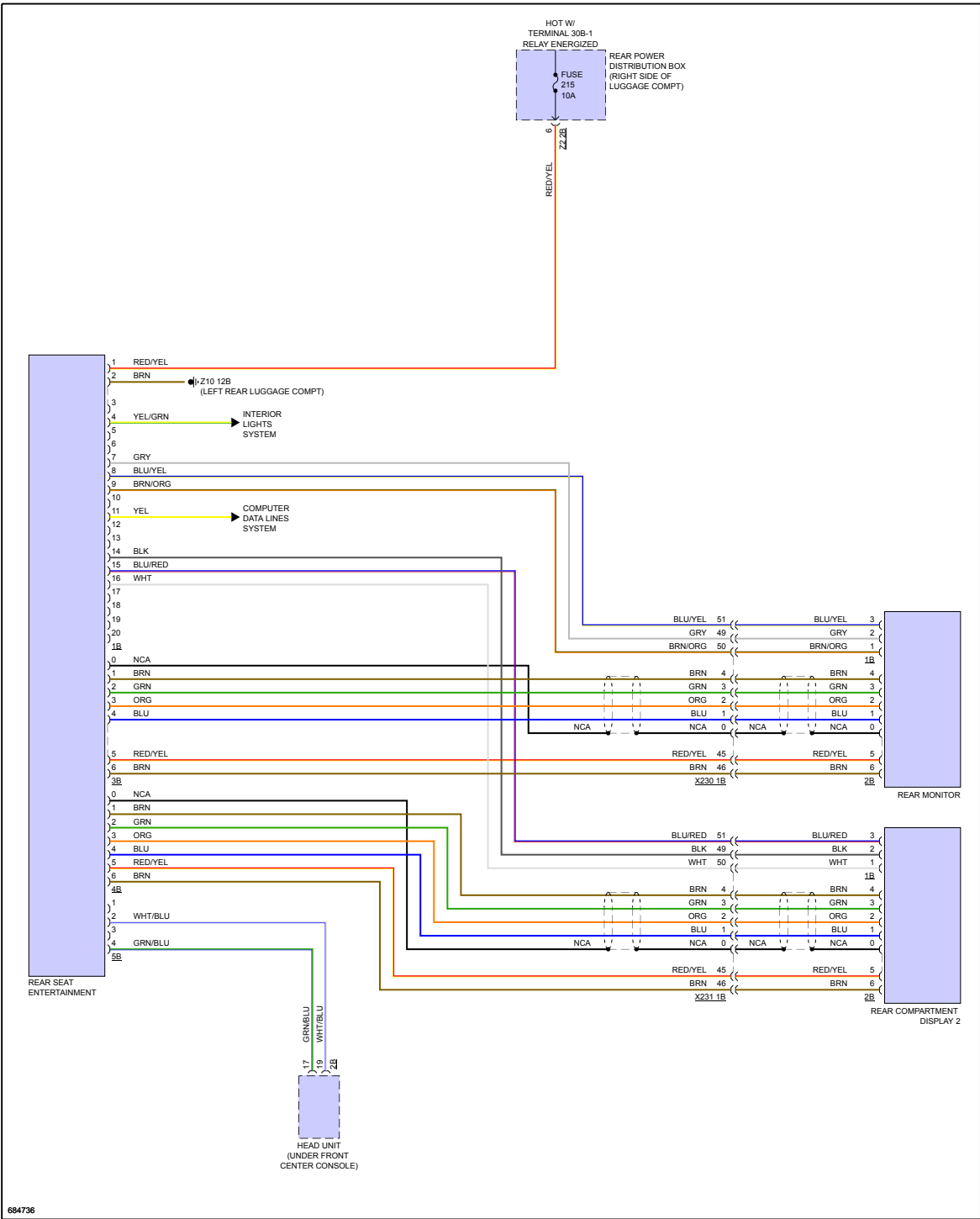
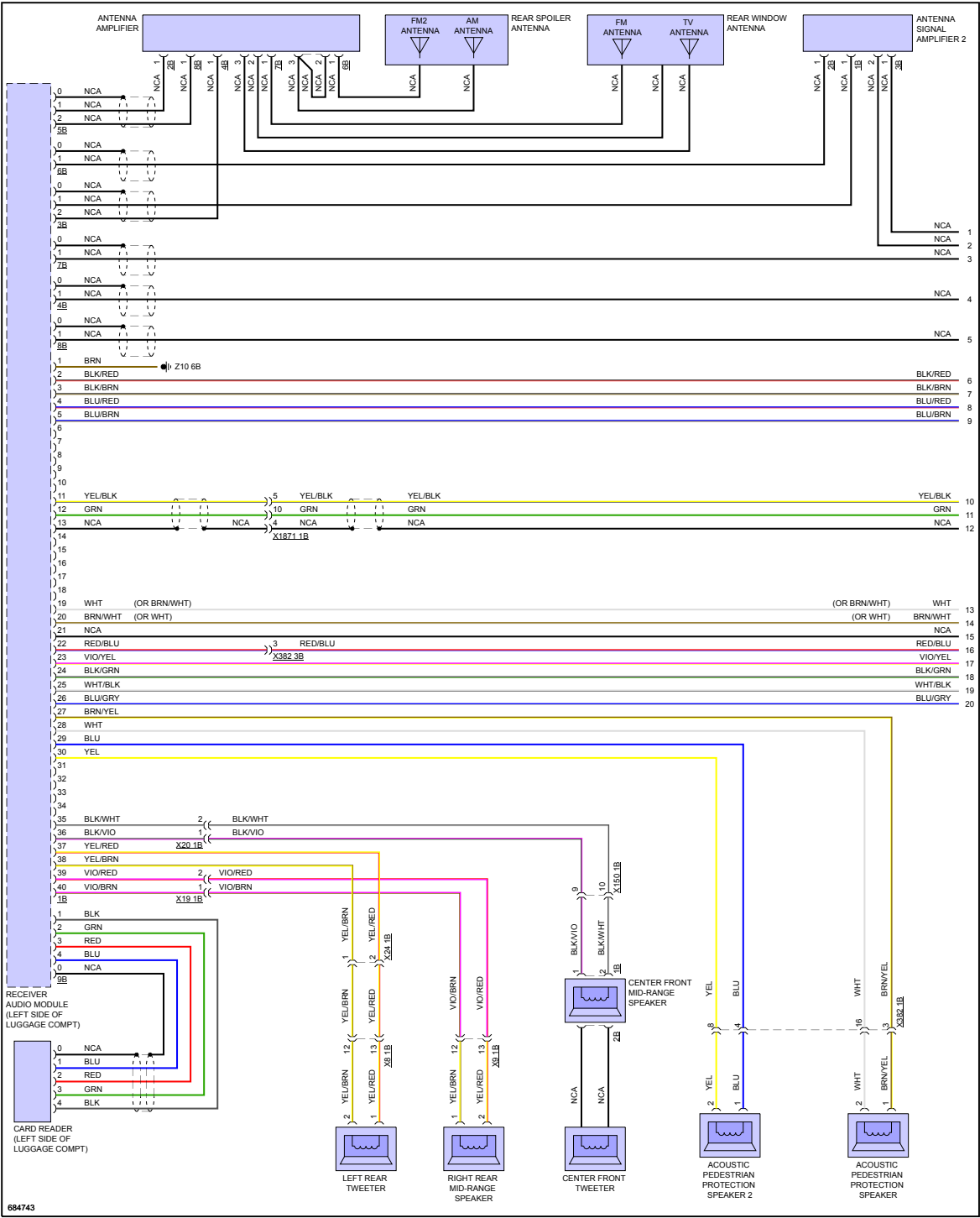


Fig 2: Receiver Audio Module Circuit, Base (1 of 5)

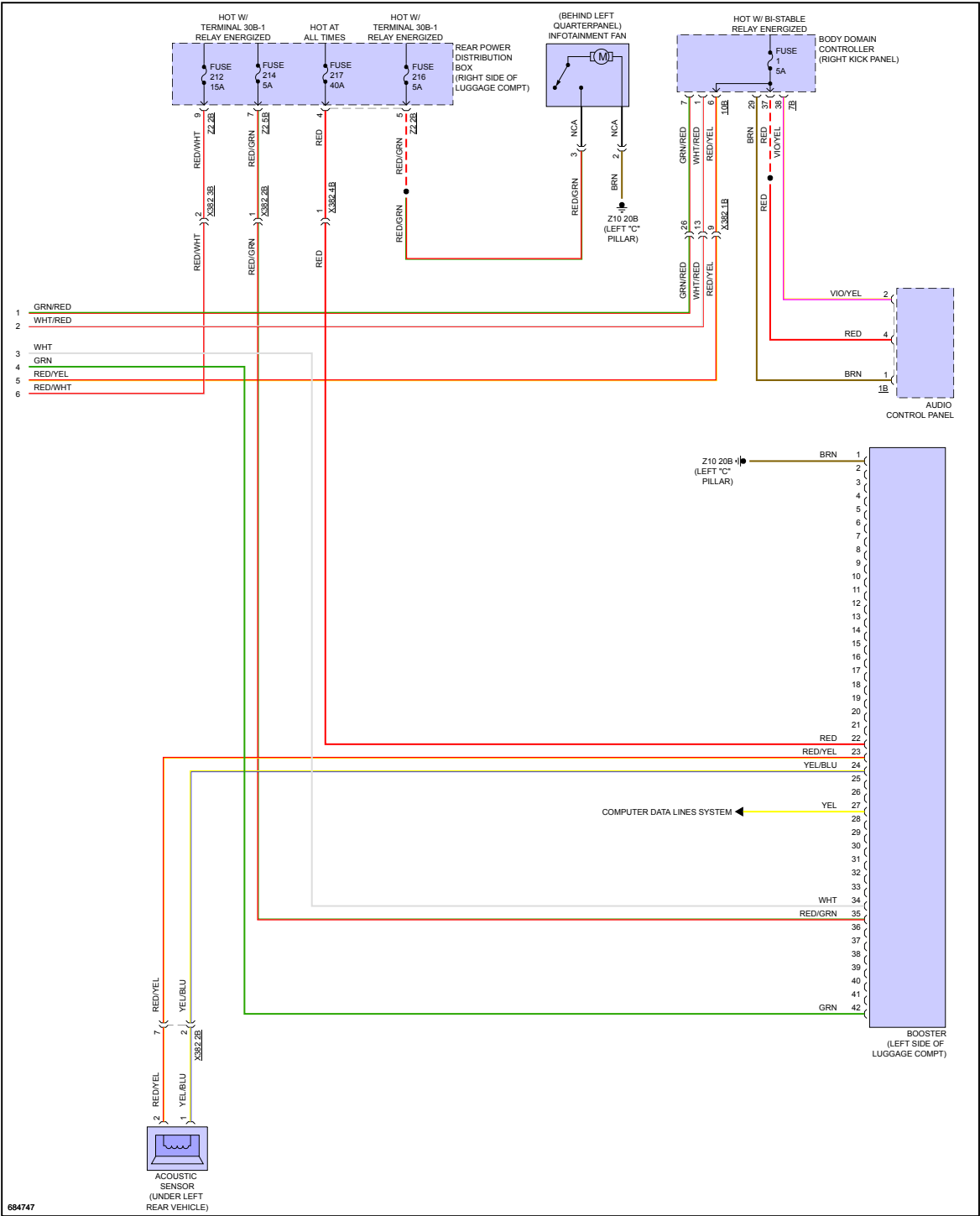


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Fig 5: Receiver Audio Module Circuit, Base (4 of 5)



Fig 6: Receiver Audio Module Circuit, Base (5 of 5)



[illegible]

Fig 8: Receiver Audio Module Circuit, High Level (2 of 6)

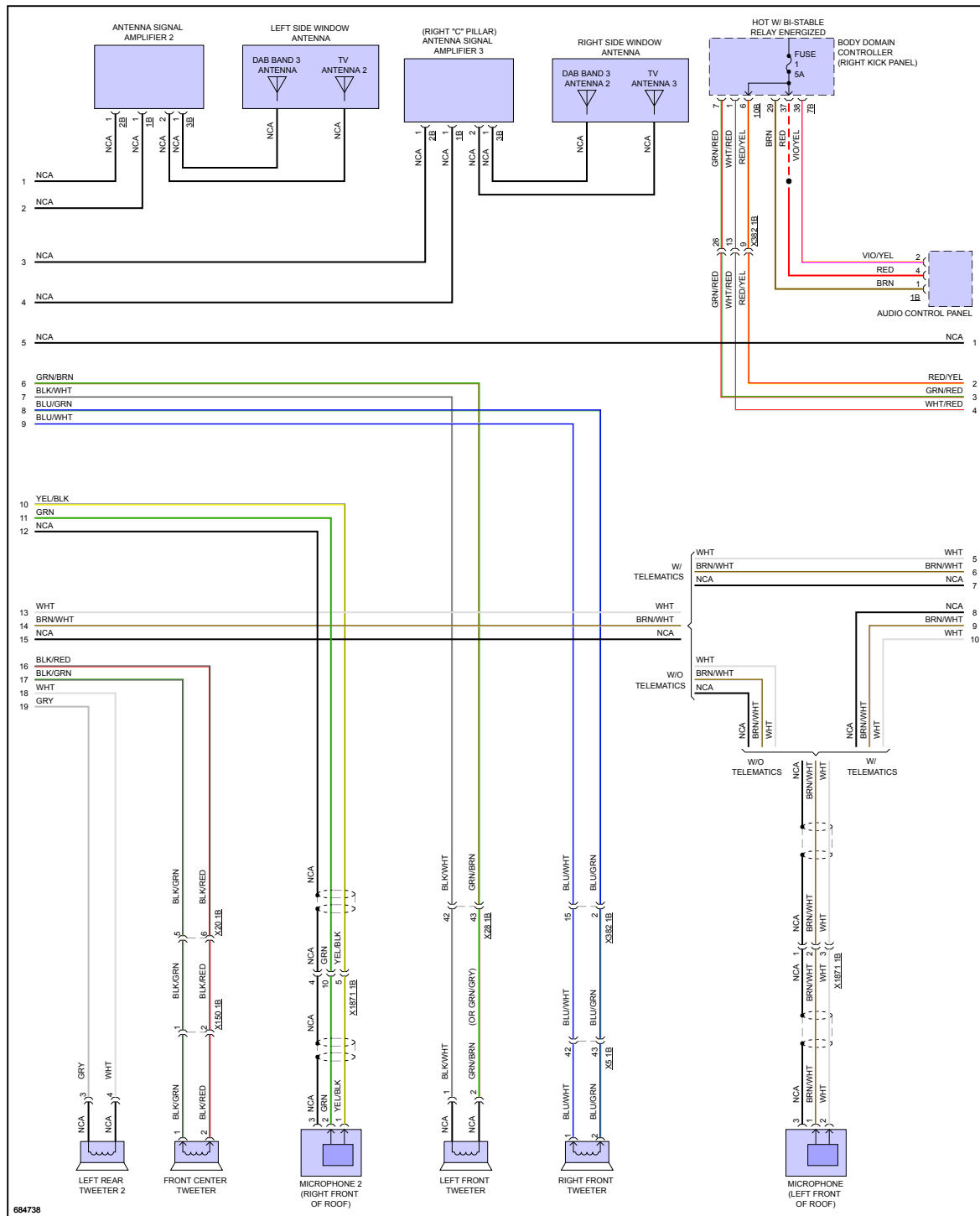
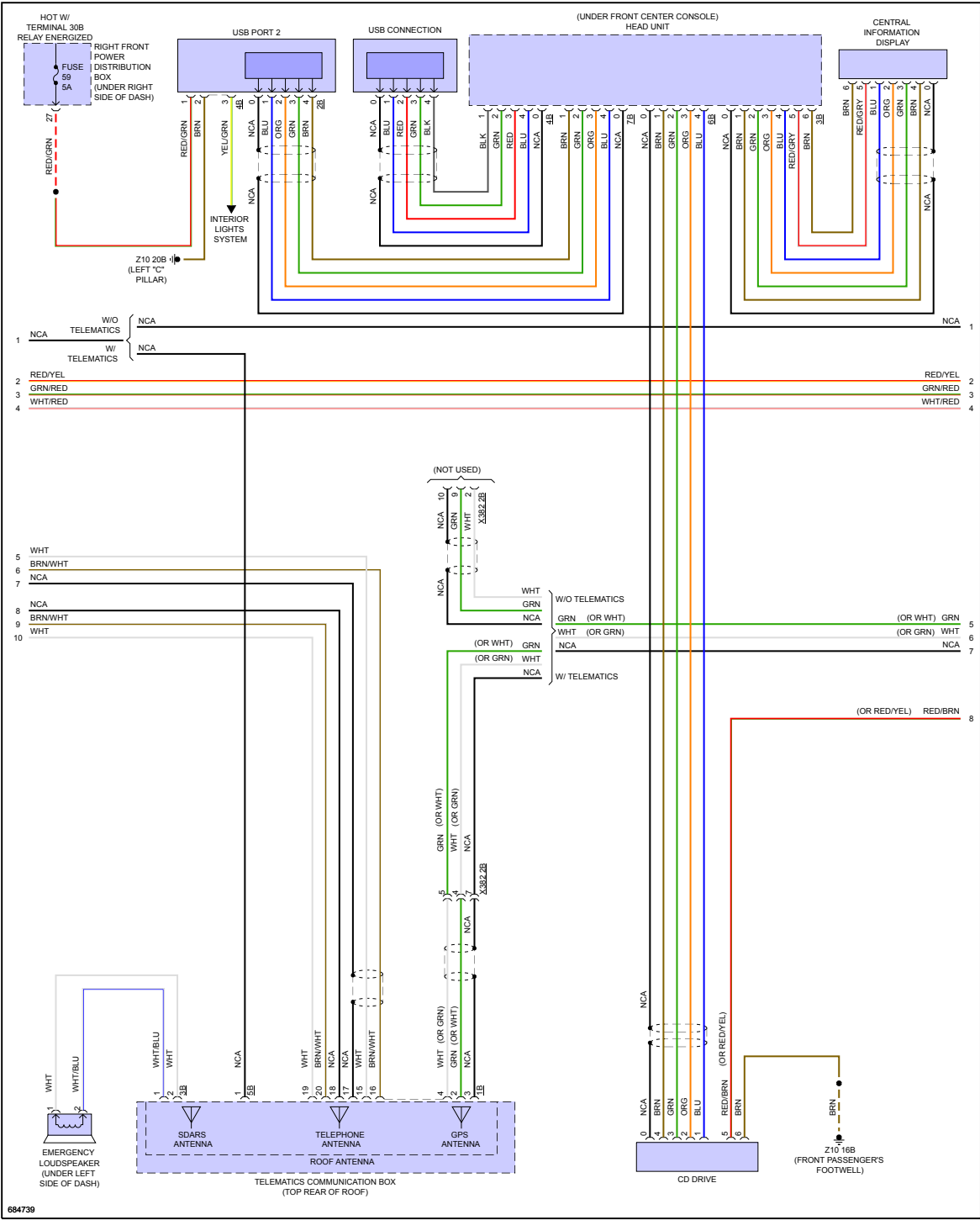


Fig 9: Receiver Audio Module Circuit, High Level (3 of 6)



The diagram illustrates the electrical connections for a vehicle's infotainment system. Key components and their connections include:

- Receiver Audio Module (Left Side of Luggage Compartment):**
 - Wires 1-20: Various colored wires (GRN/RED, GRN, WHT/RED, WHT, YEL, RED/BLU, WHT, GRN) connected to the module.
 - Wires 21-22: COMPUTER DATA LINES SYSTEM (YEL, RED/BLU).
 - Wires 23-24: COMPUTER DATA LINES SYSTEM (WHT, GRN).
- Right Front Power Distribution Box (Under Right Side of Dash):**
 - FUSE 63 5A: Connected to the module.
 - Wires 25-26: COMPUTER DATA LINES SYSTEM (YEL, RED/BLU).
 - Wires 27-28: COMPUTER DATA LINES SYSTEM (WHT, GRN).
- Night Vision Electronics (Under Center of Dash):**
 - Wires 29-30: COMPUTER DATA LINES SYSTEM (YEL, RED/BLU).
 - Wires 31-32: COMPUTER DATA LINES SYSTEM (WHT, GRN).
- Head Unit (Under Front Center Console):**
 - Wires 1-16: Various colored wires (RED/WHT, BRN, RED/YEL, GRN, WHT, YEL, NCA, GRN) connected to the unit.
 - Wires 17-18: COMPUTER DATA LINES SYSTEM (YEL, RED/BLU).
 - Wires 19-20: COMPUTER DATA LINES SYSTEM (WHT, GRN).
 - Wires 21-22: COMPUTER DATA LINES SYSTEM (YEL, RED/BLU).
 - Wires 23-24: COMPUTER DATA LINES SYSTEM (WHT, GRN).
 - Wires 25-26: COMPUTER DATA LINES SYSTEM (YEL, RED/BLU).
 - Wires 27-28: COMPUTER DATA LINES SYSTEM (WHT, GRN).
 - Wires 29-30: COMPUTER DATA LINES SYSTEM (YEL, RED/BLU).
 - Wires 31-32: COMPUTER DATA LINES SYSTEM (WHT, GRN).
- Other Components:**
 - Driver Camera System:** Connected to the Head Unit via WHT/RED and GRN/RED wires.
 - Instrument Panel:** Connected to the Head Unit via WHT and GRN wires.
 - Rear Seat Entertainment:** Connected to the Head Unit via GRN/BLU and WHT/BLU wires.
 - SDARS Antenna:** Connected to the Head Unit via NCA wire.
 - GPS Antenna:** Connected to the Head Unit via NCA wire.
 - Bluetooth Antenna:** Connected to the Head Unit via NCA wire.
 - WLAN Antenna:** Connected to the Head Unit via NCA wire.

Fig 11: Receiver Audio Module Circuit, High Level (5 of 6)

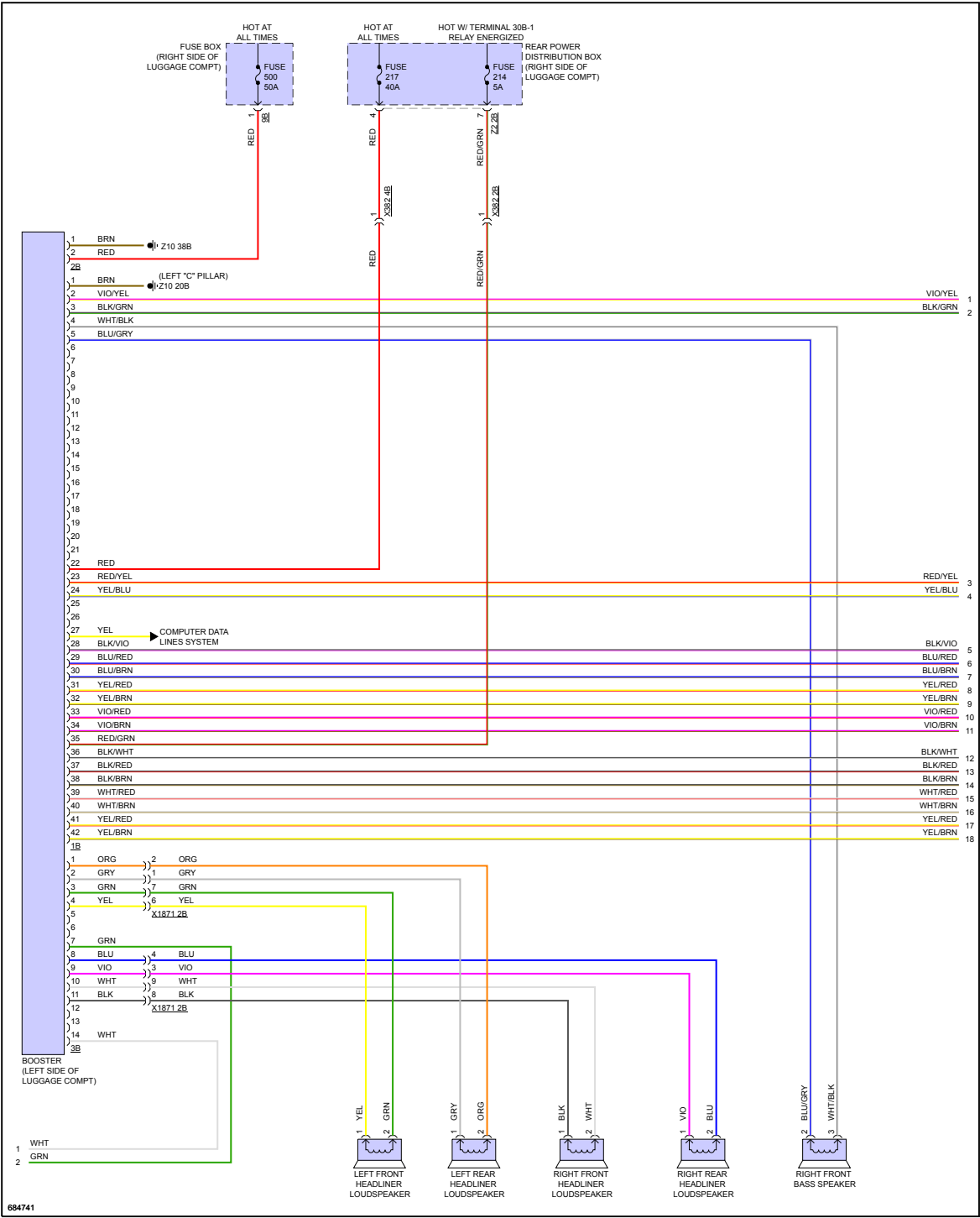


Fig 12: Receiver Audio Module Circuit, High Level (6 of 6)

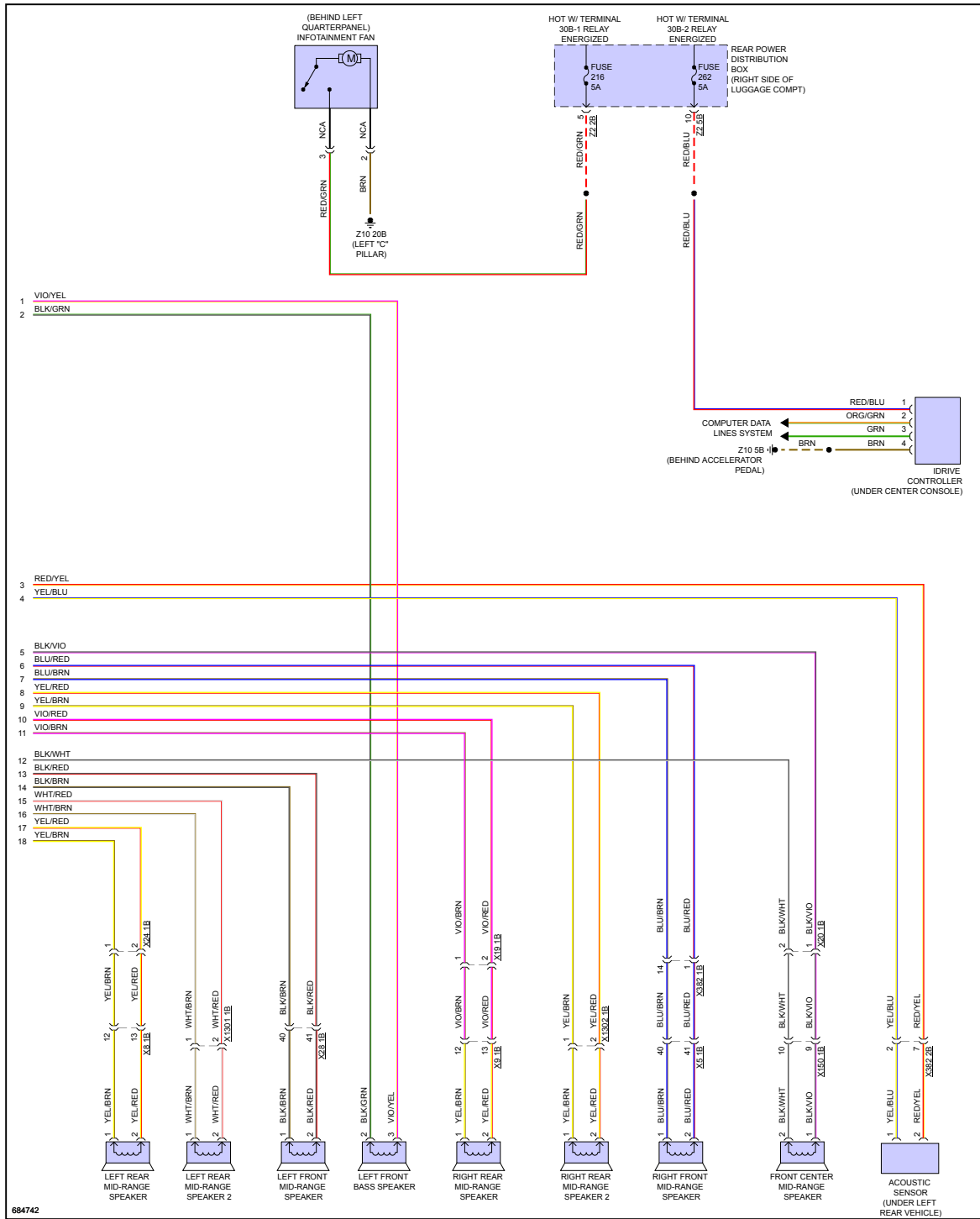


Fig 13: Receiver Audio Module Circuit, Mid Level (1 of 5)

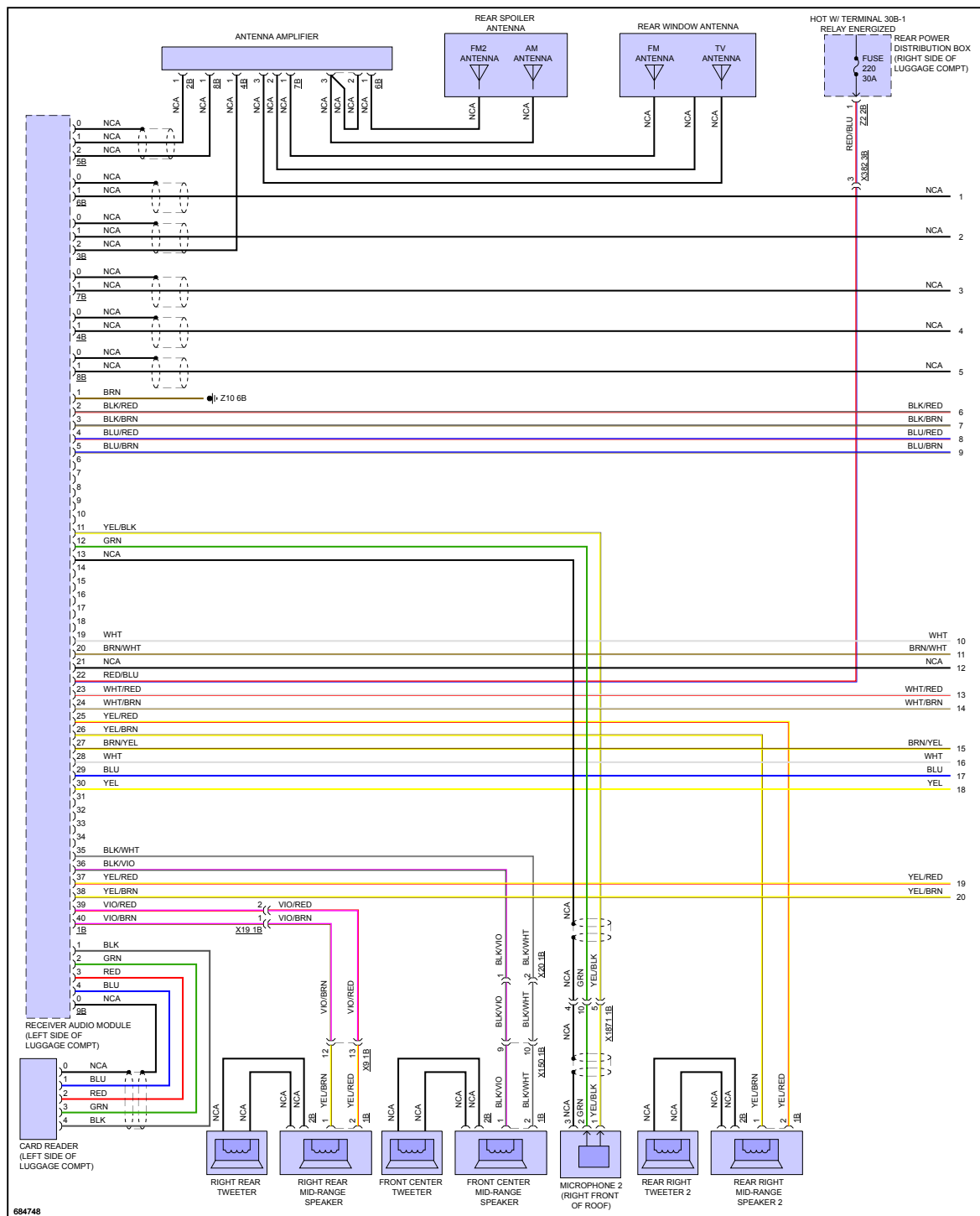


Fig 14: Receiver Audio Module Circuit, Mid Level (2 of 5)



Fig 15: Receiver Audio Module Circuit, Mid Level (3 of 5)

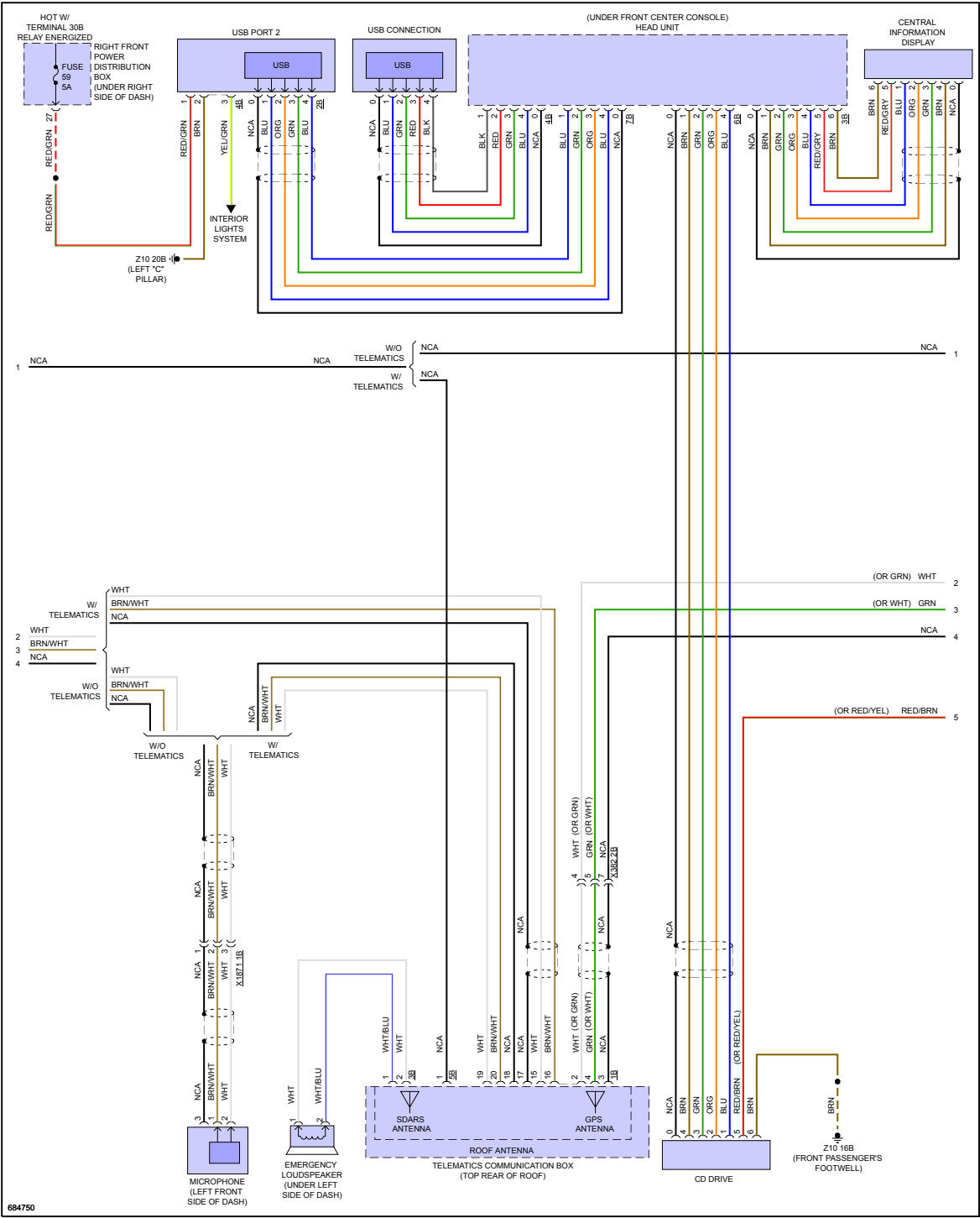


Fig 16: Receiver Audio Module Circuit, Mid Level (4 of 5)

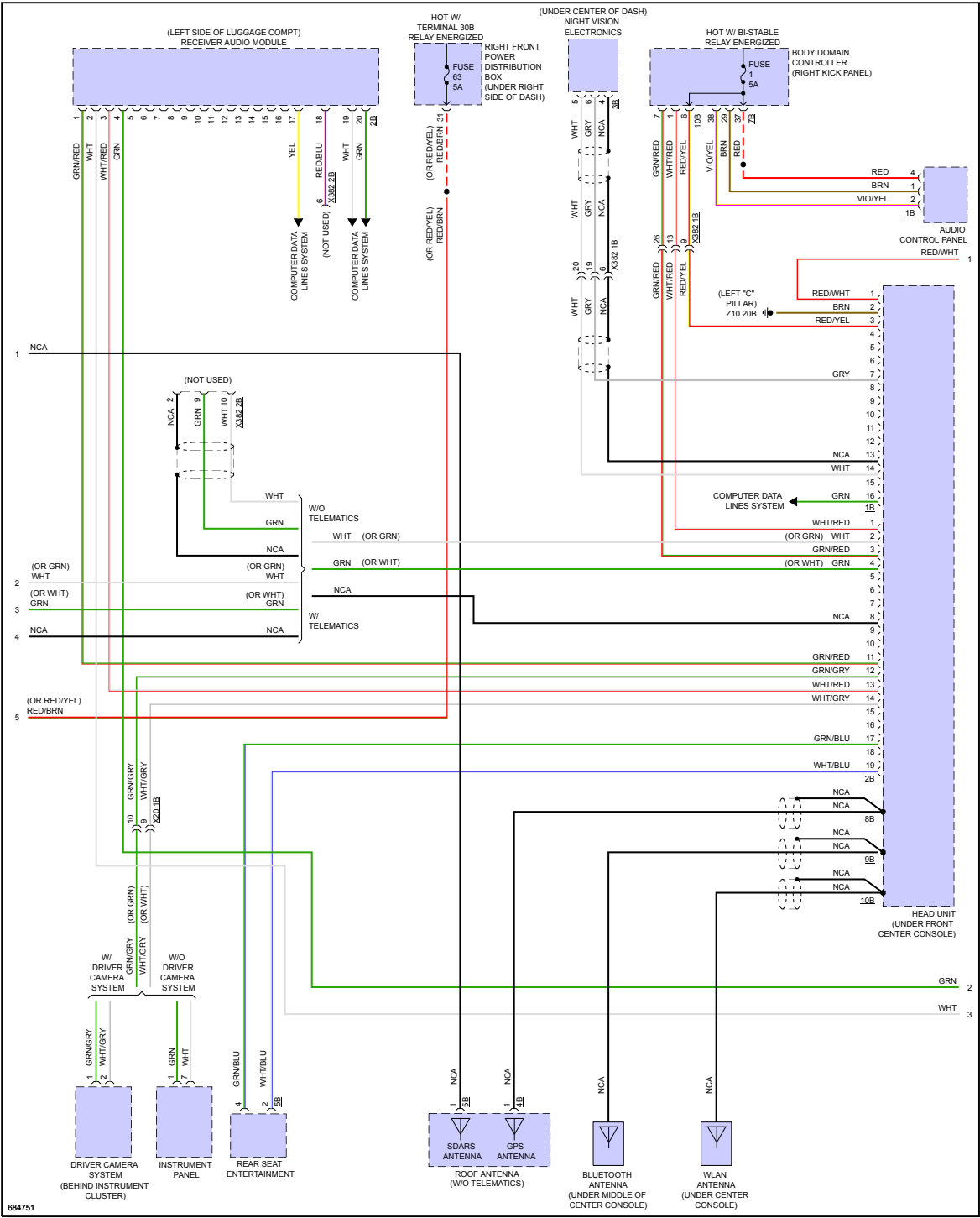
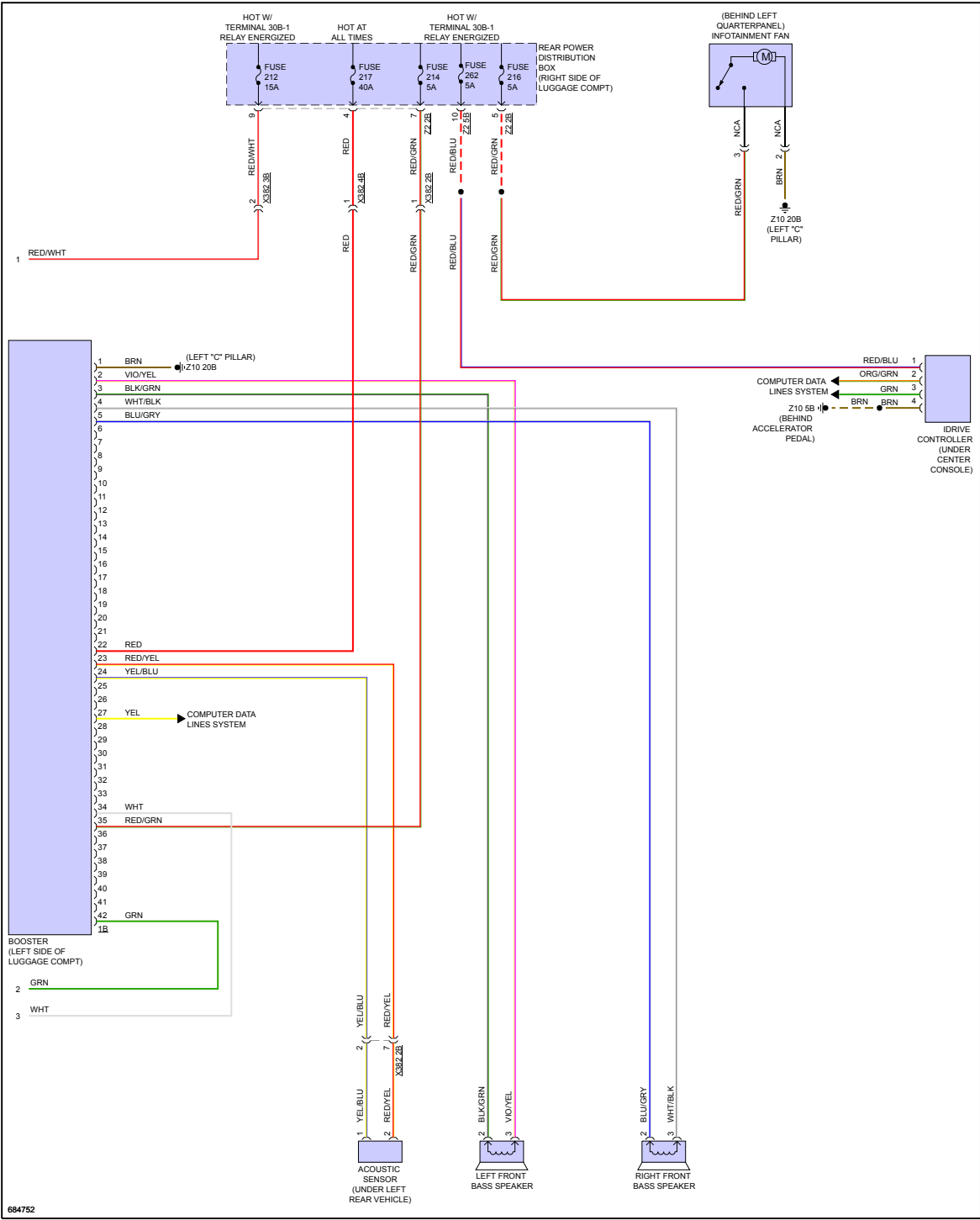
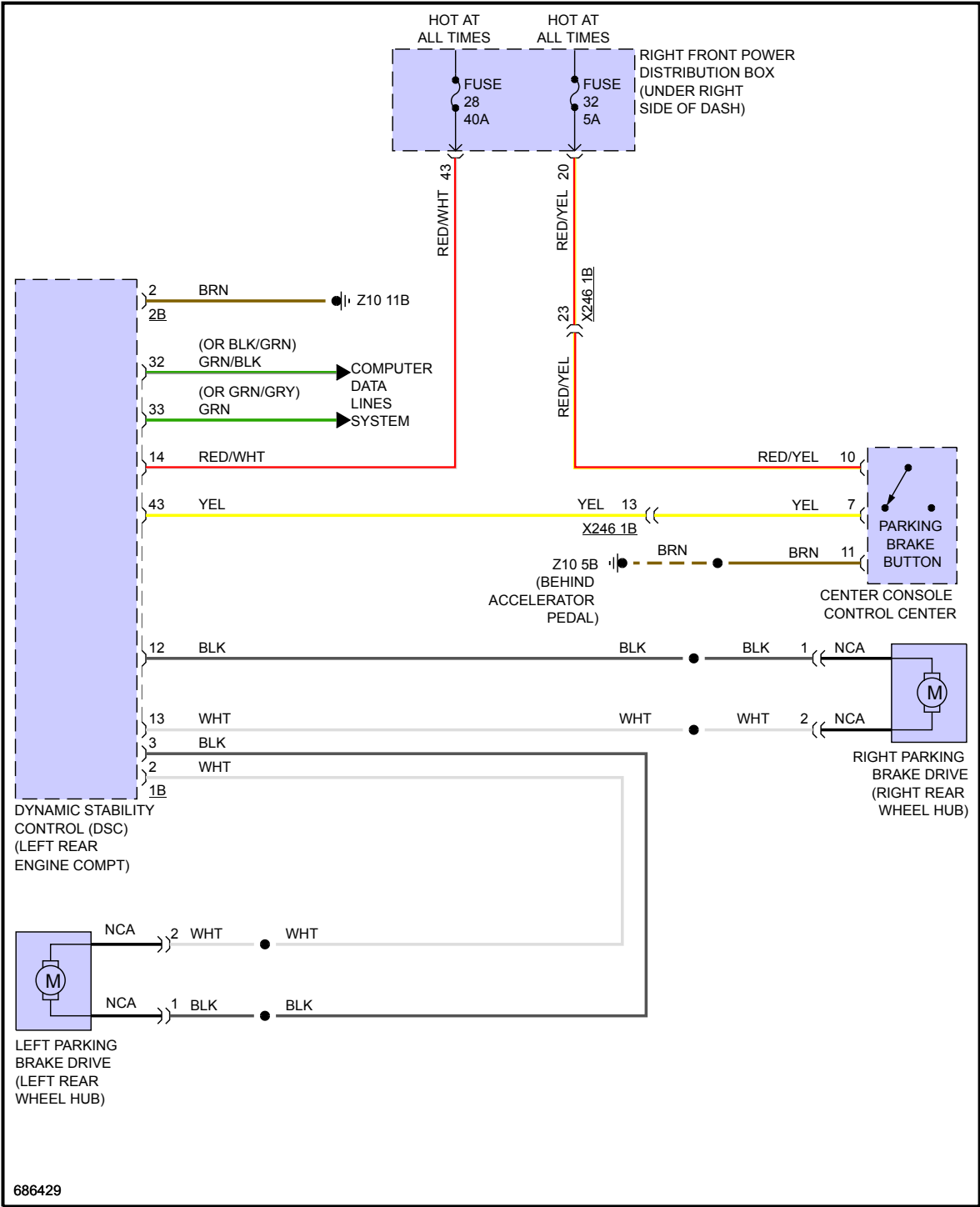


Fig 17: Receiver Audio Module Circuit, Mid Level (5 of 5)



SHIFT INTERLOCK

Fig 1: Shift Interlock Circuit



STARTING/CHARGING

Fig 1: Charging Circuit, W/ Dual Storage System

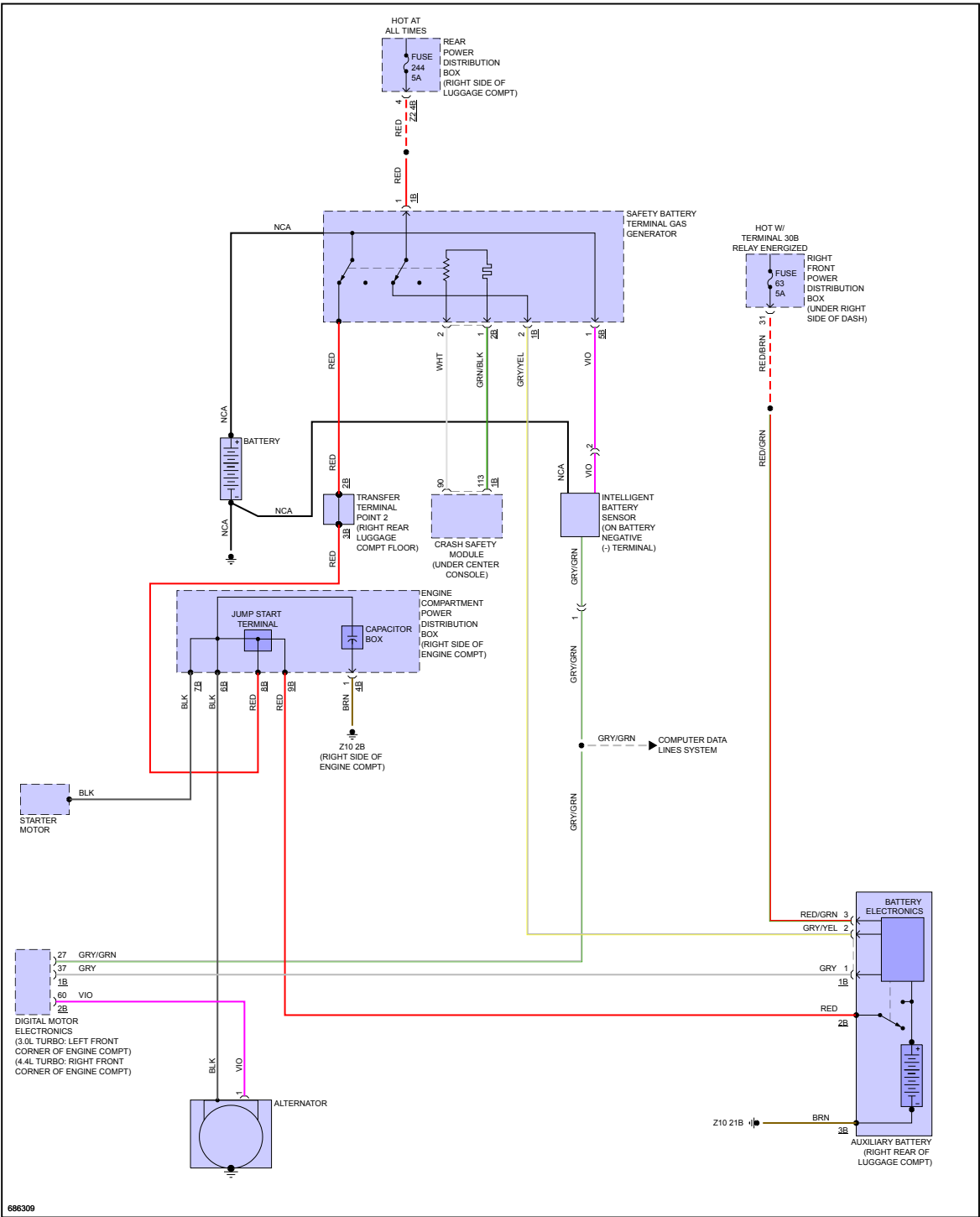


Fig 2: Charging Circuit, W/O Dual Storage System

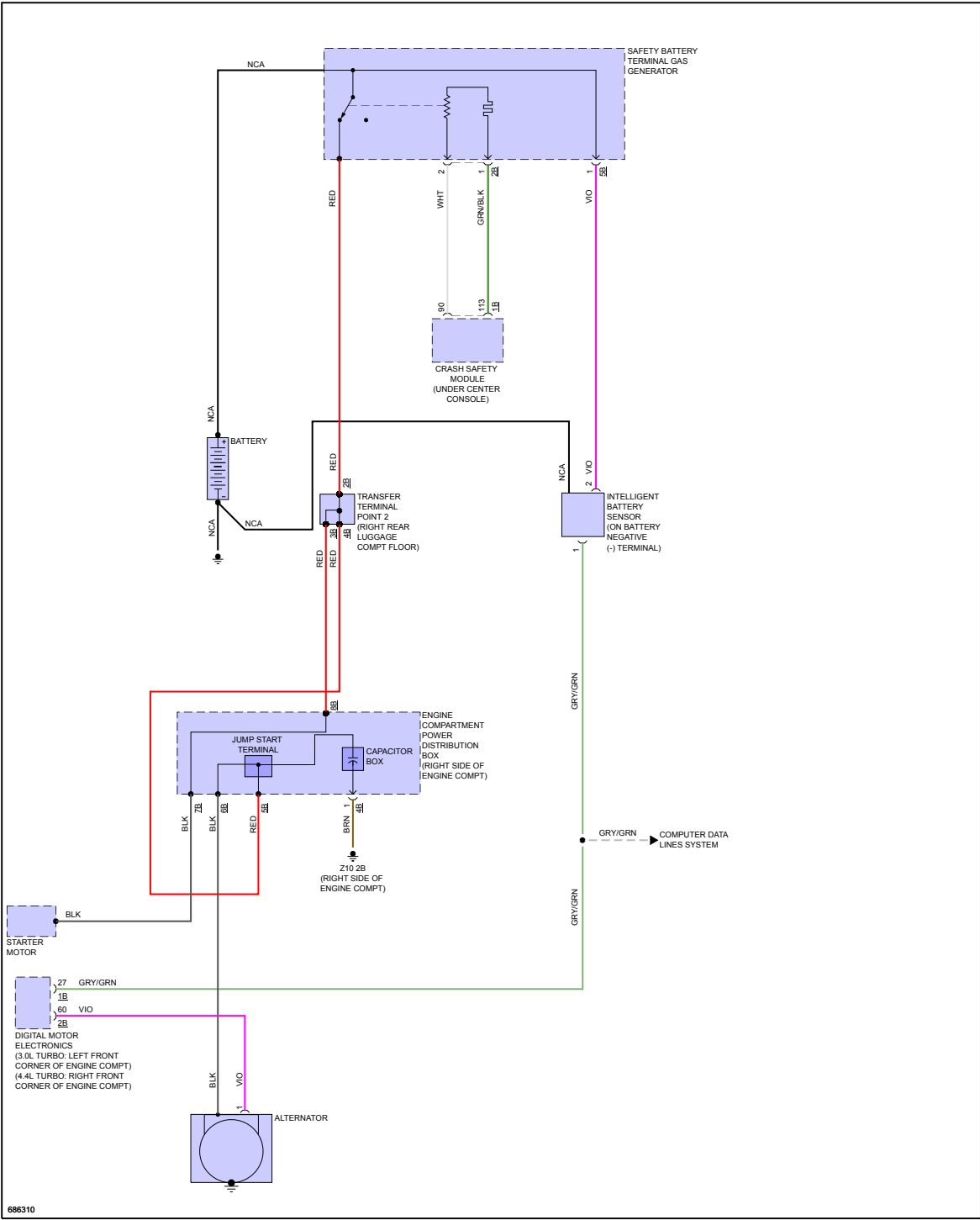
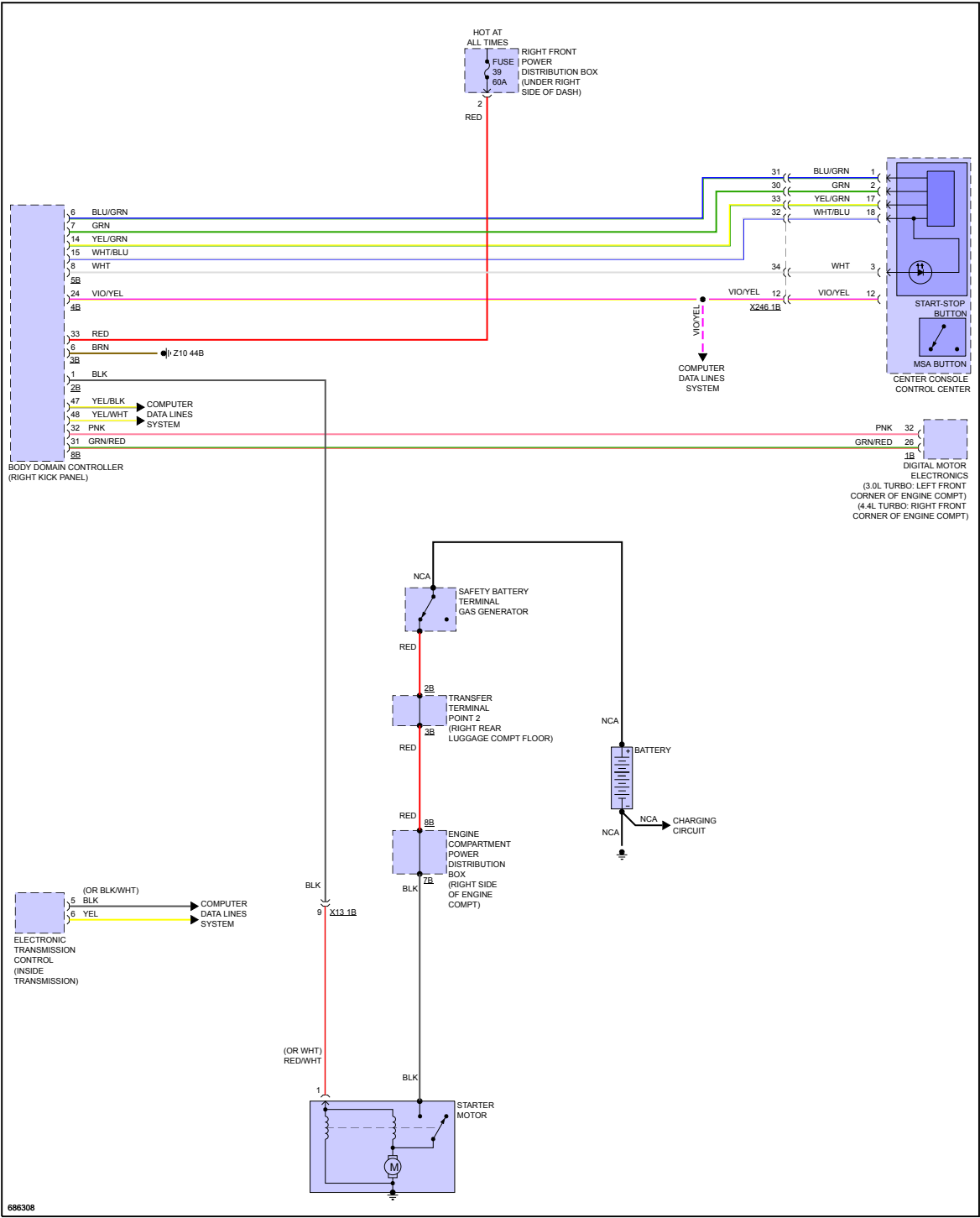


Fig 3: Starting Circuit



SUPPLEMENTAL RESTRAINTS

Fig 1: Supplemental Restraints Circuit (1 of 4)

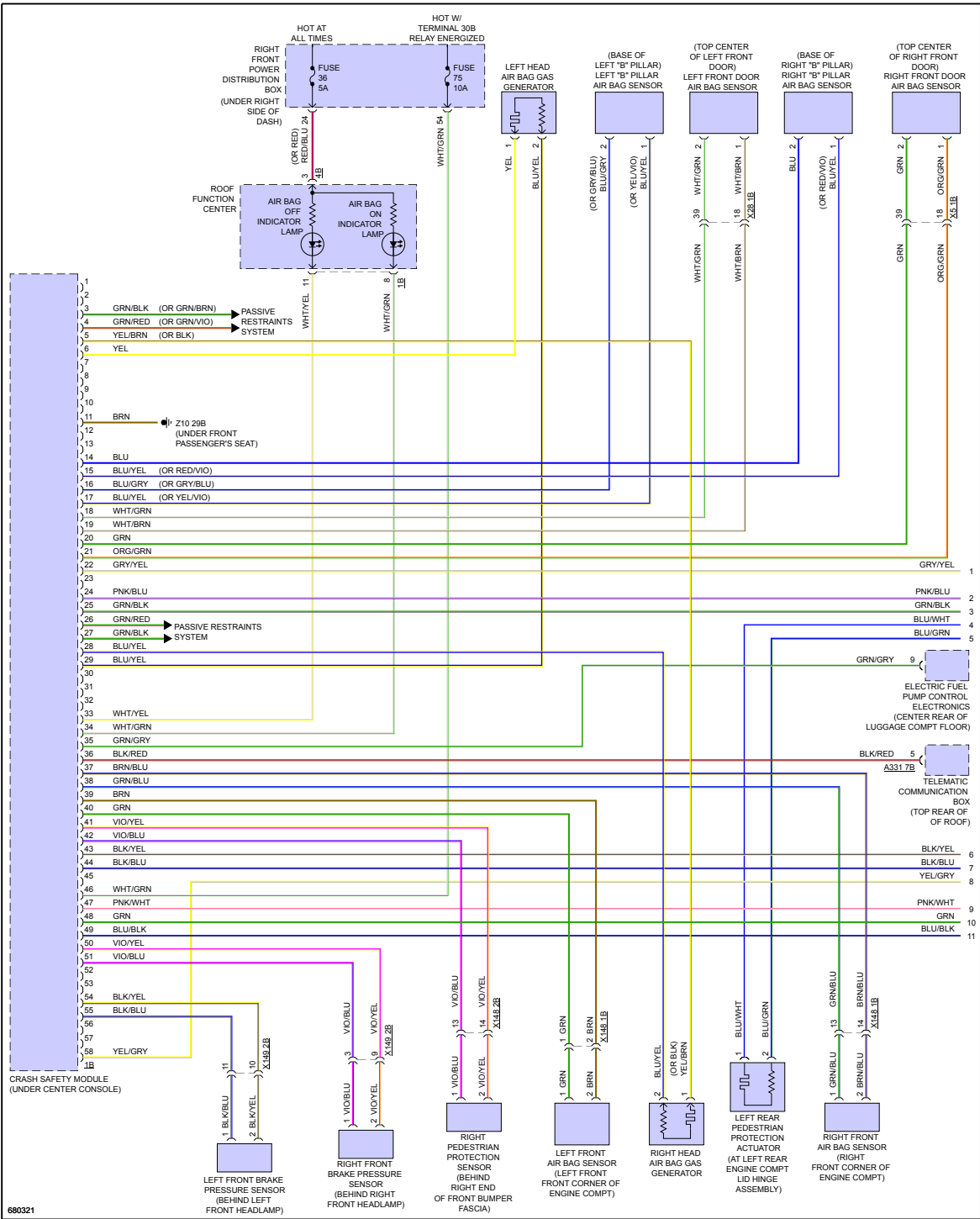


Fig 2: Supplemental Restraints Circuit (2 of 4)

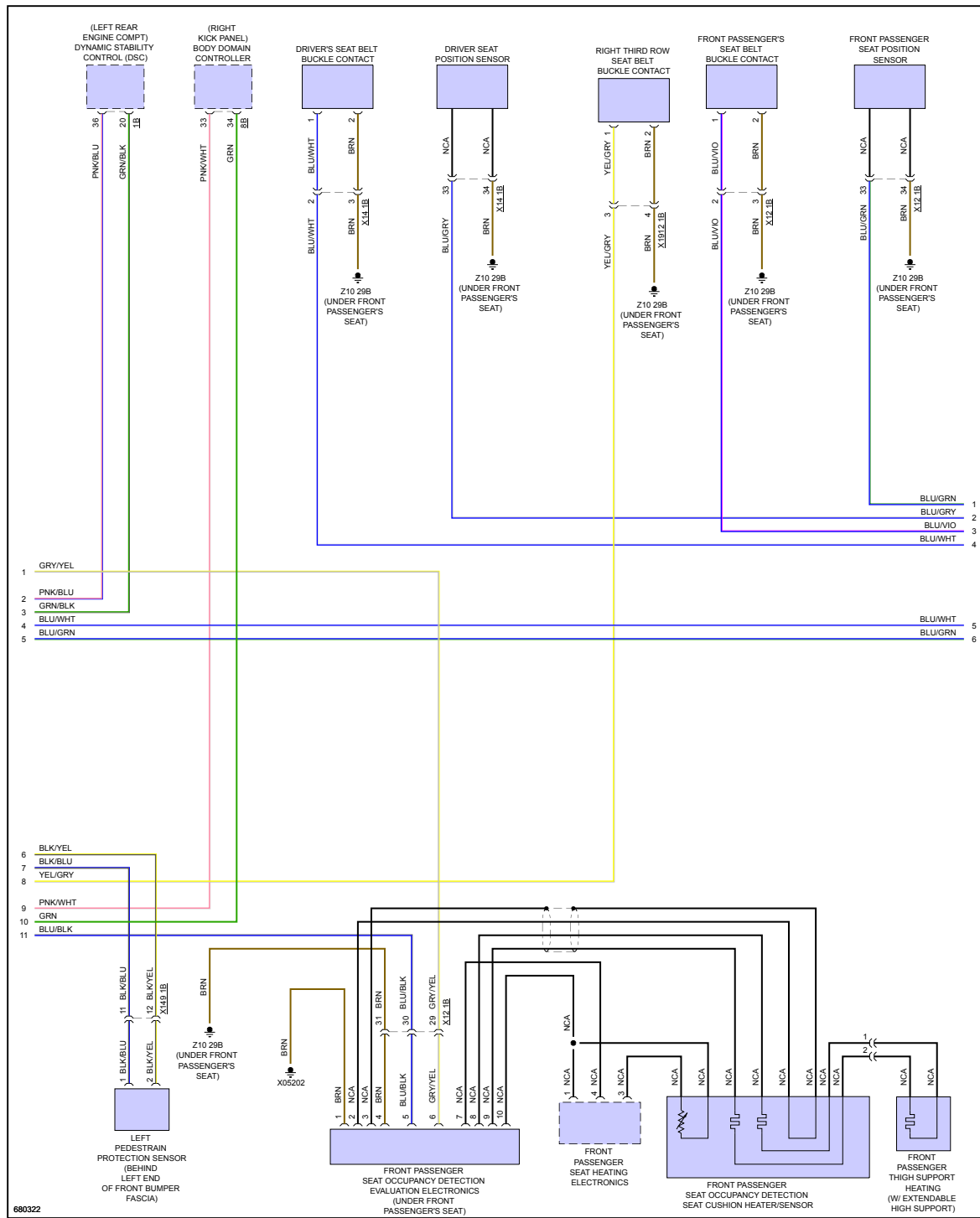


Fig 3: Supplemental Restraints Circuit (3 of 4)

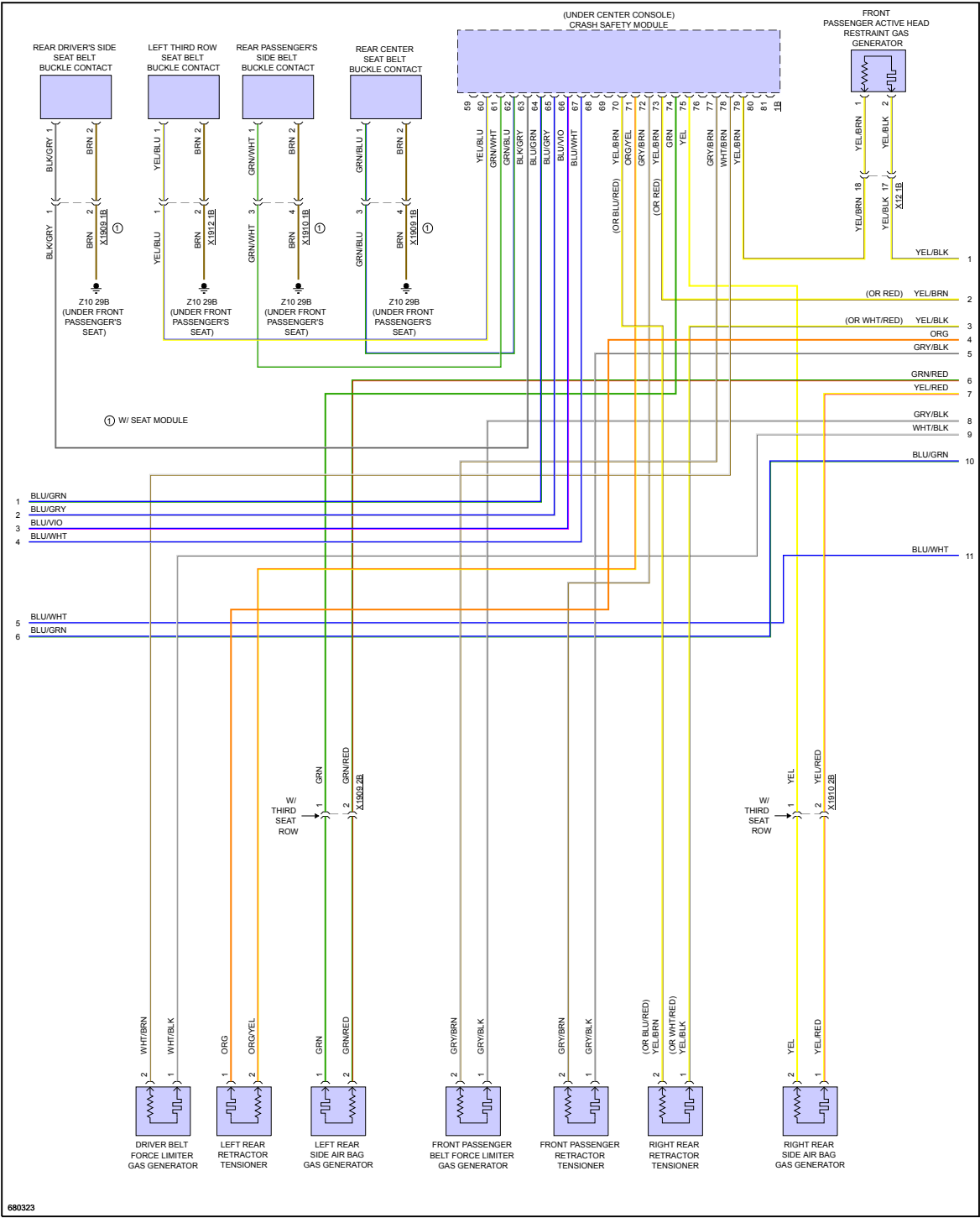
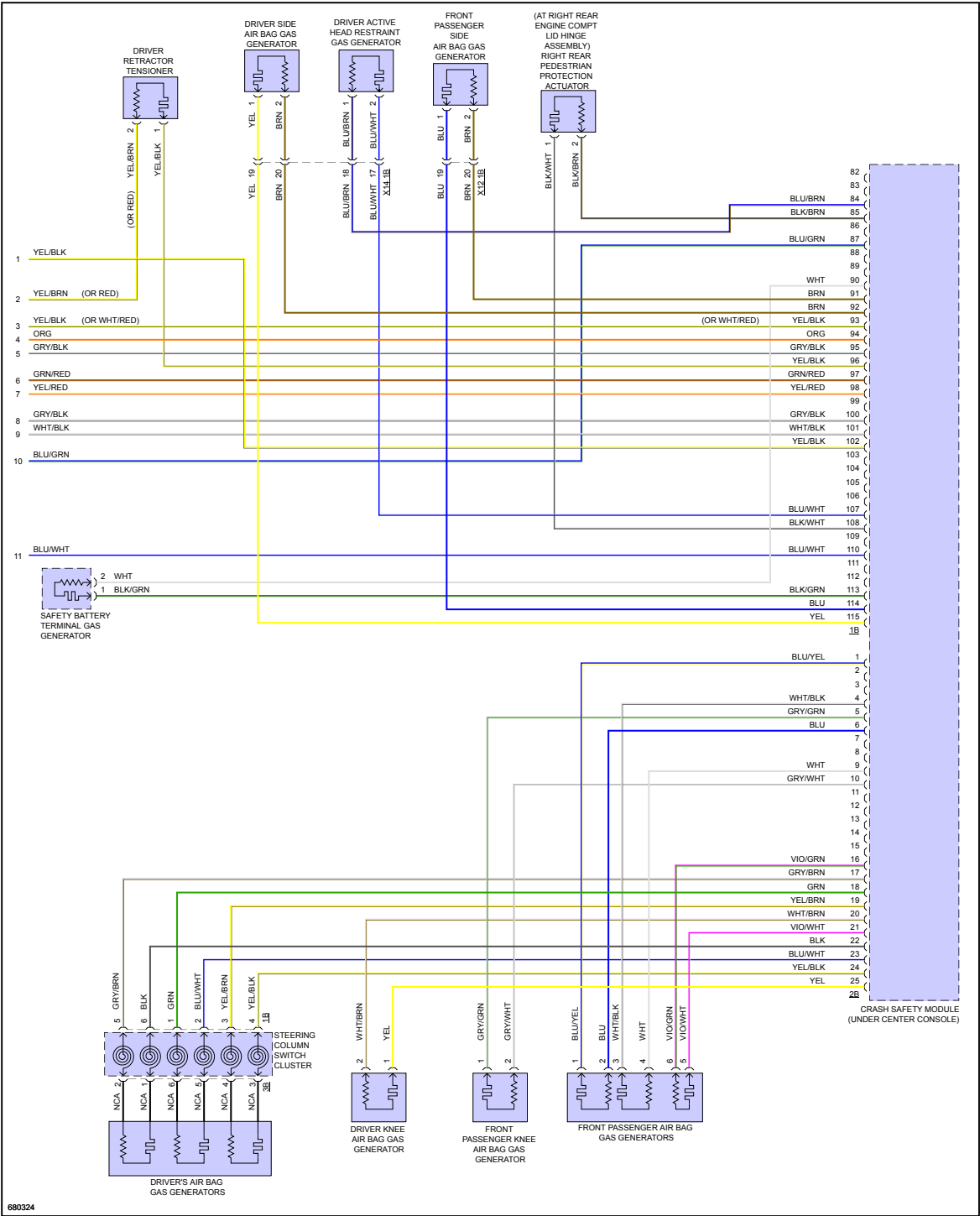


Fig 4: Supplemental Restraints Circuit (4 of 4)



TRANSMISSION

Fig 1: A/T Circuit

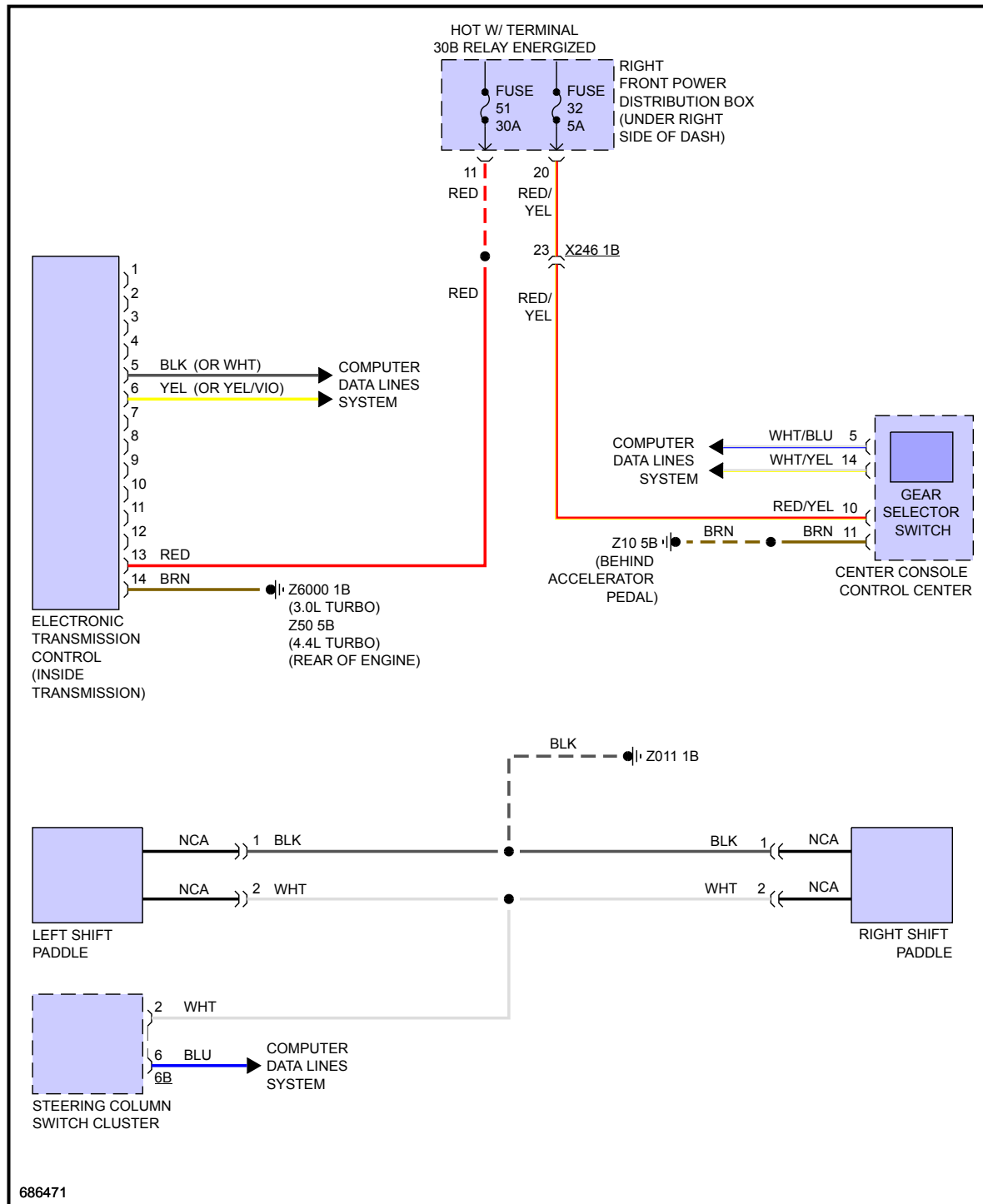


Fig 2: AWD Circuit

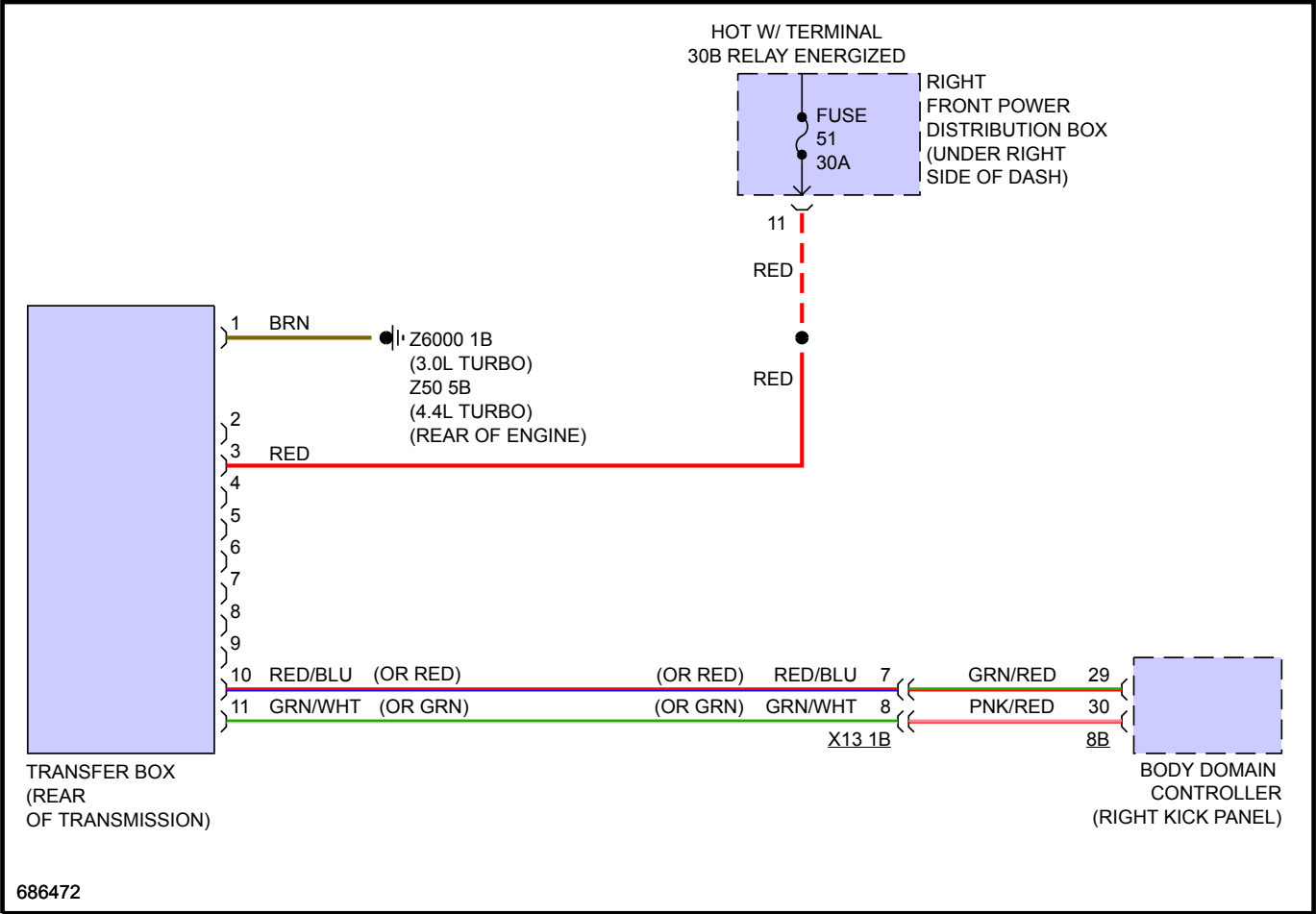
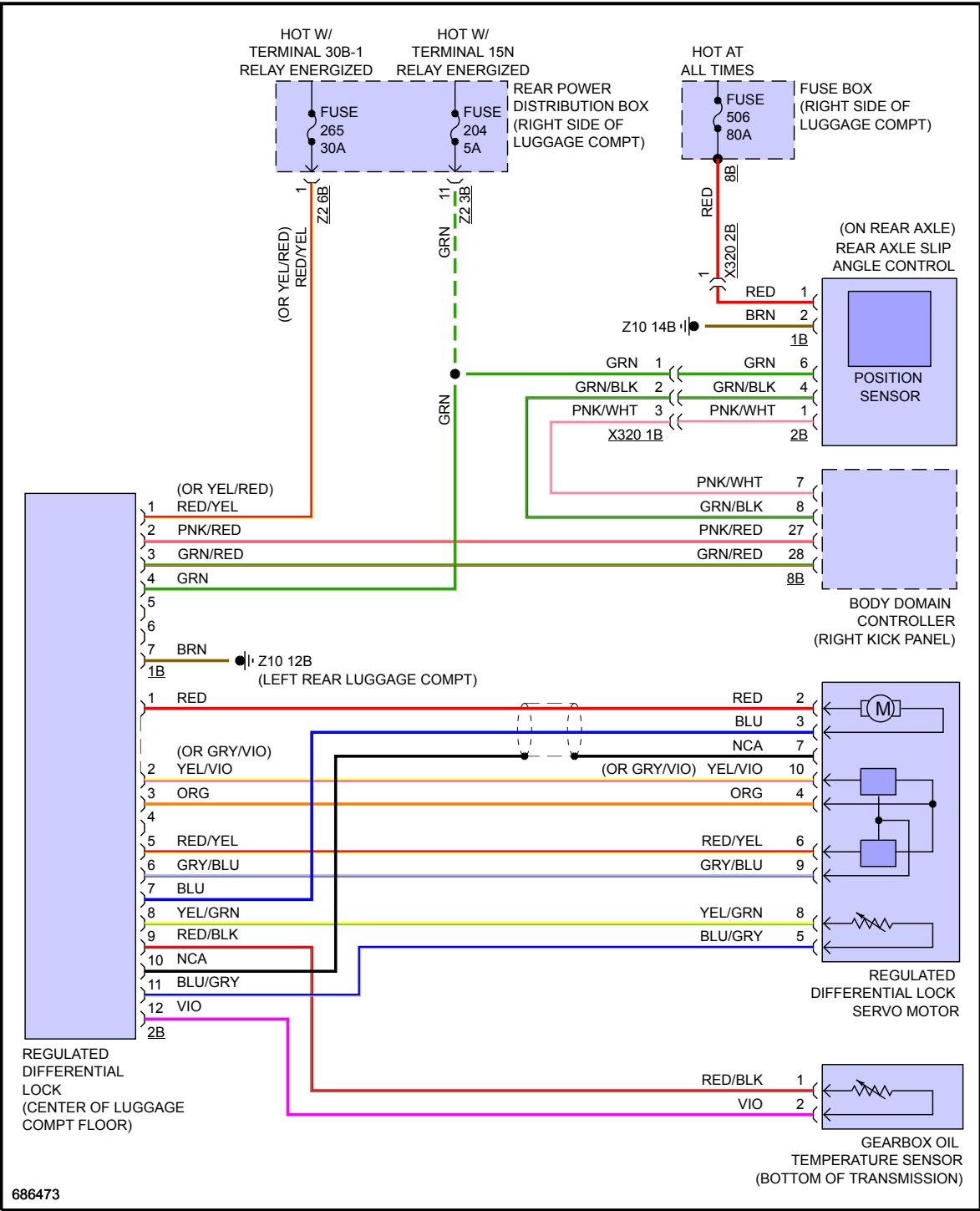


Fig 3: Rear Axle Circuit



TRUNK, TAILGATE, FUEL DOOR

Fig 1: Anti-Slip Rails Control Circuit

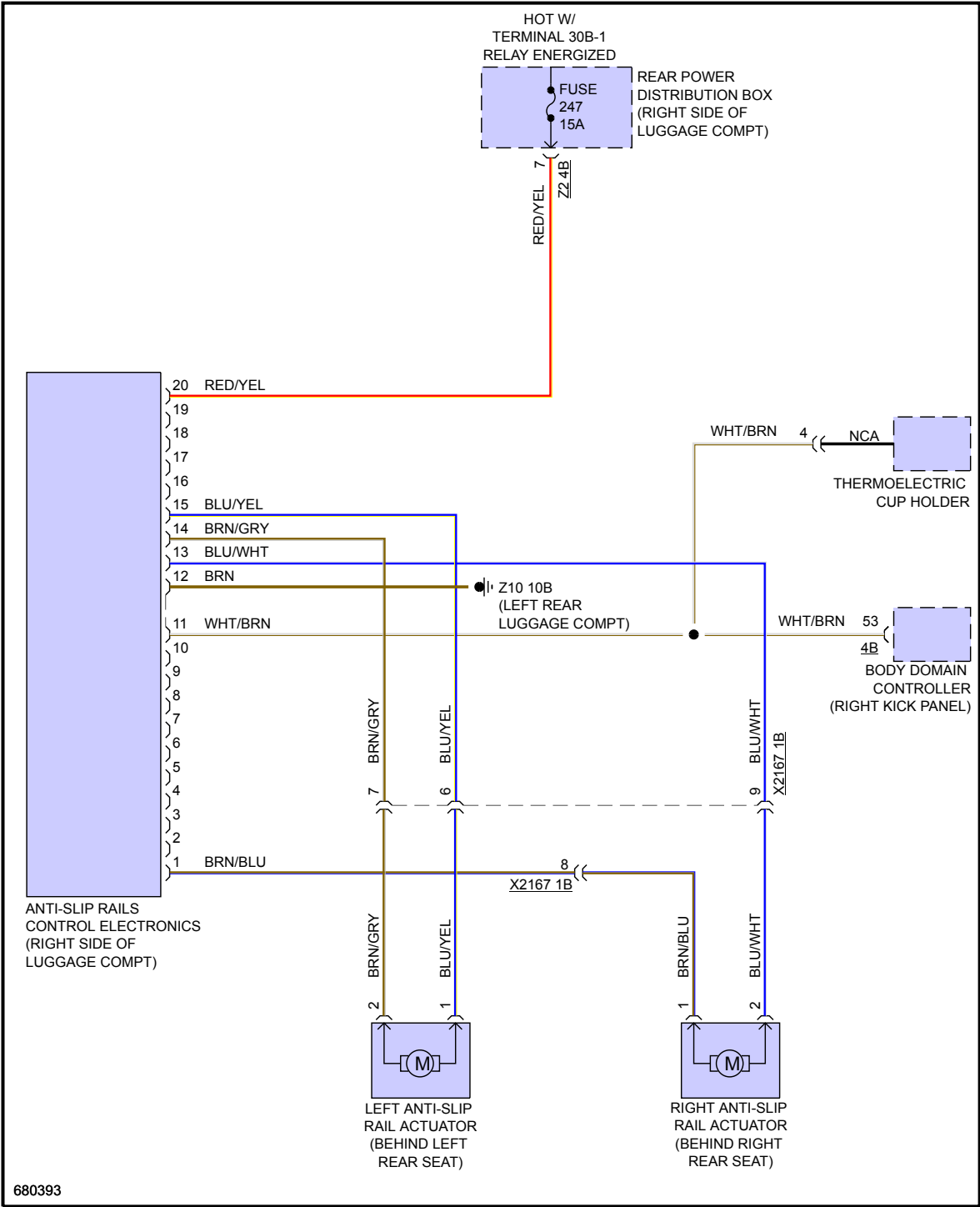


Fig 2: Contact-Free Tailgate Opening Circuit

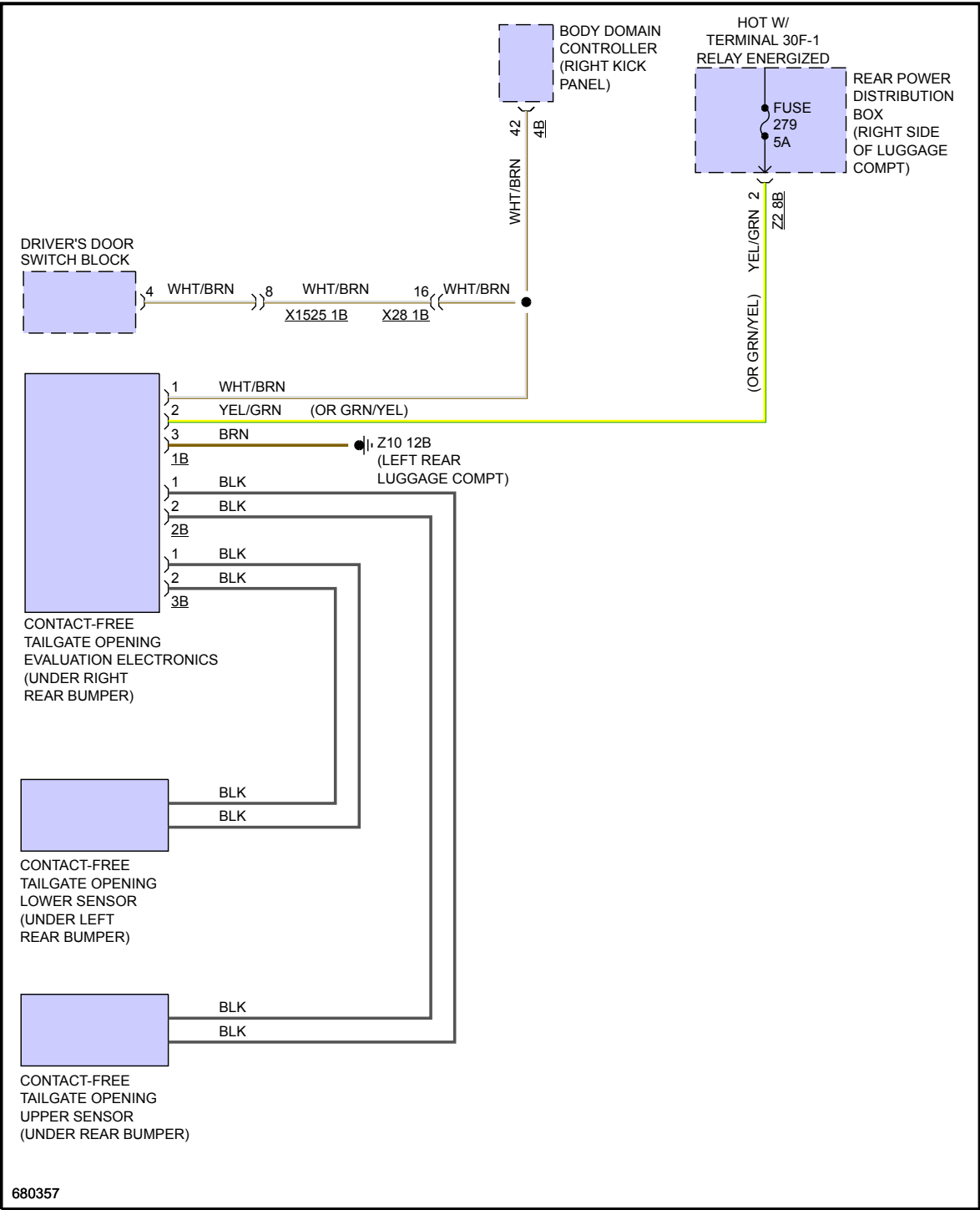
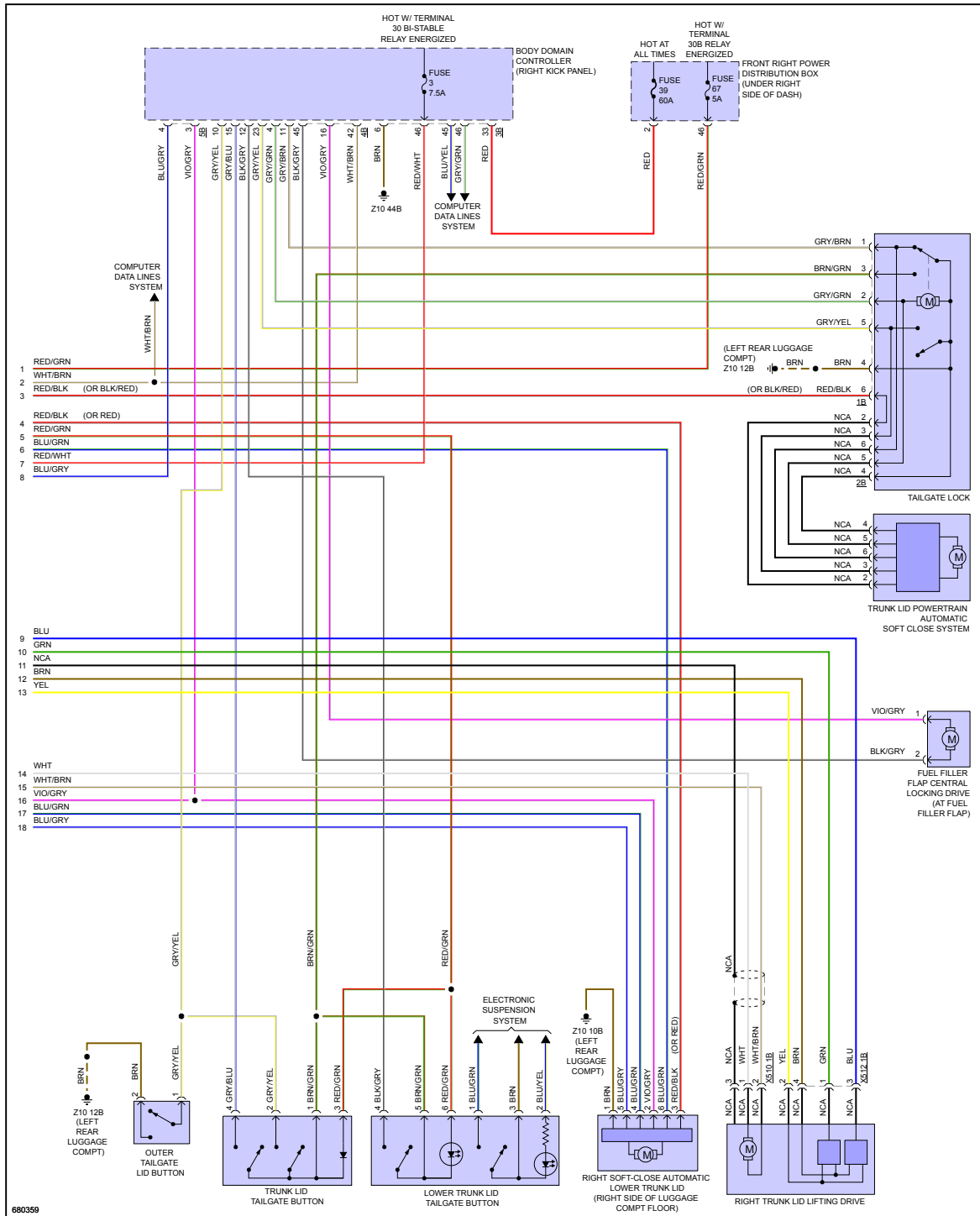


Fig 3: Trunk & Fuel Door Release Circuit (1 of 2)

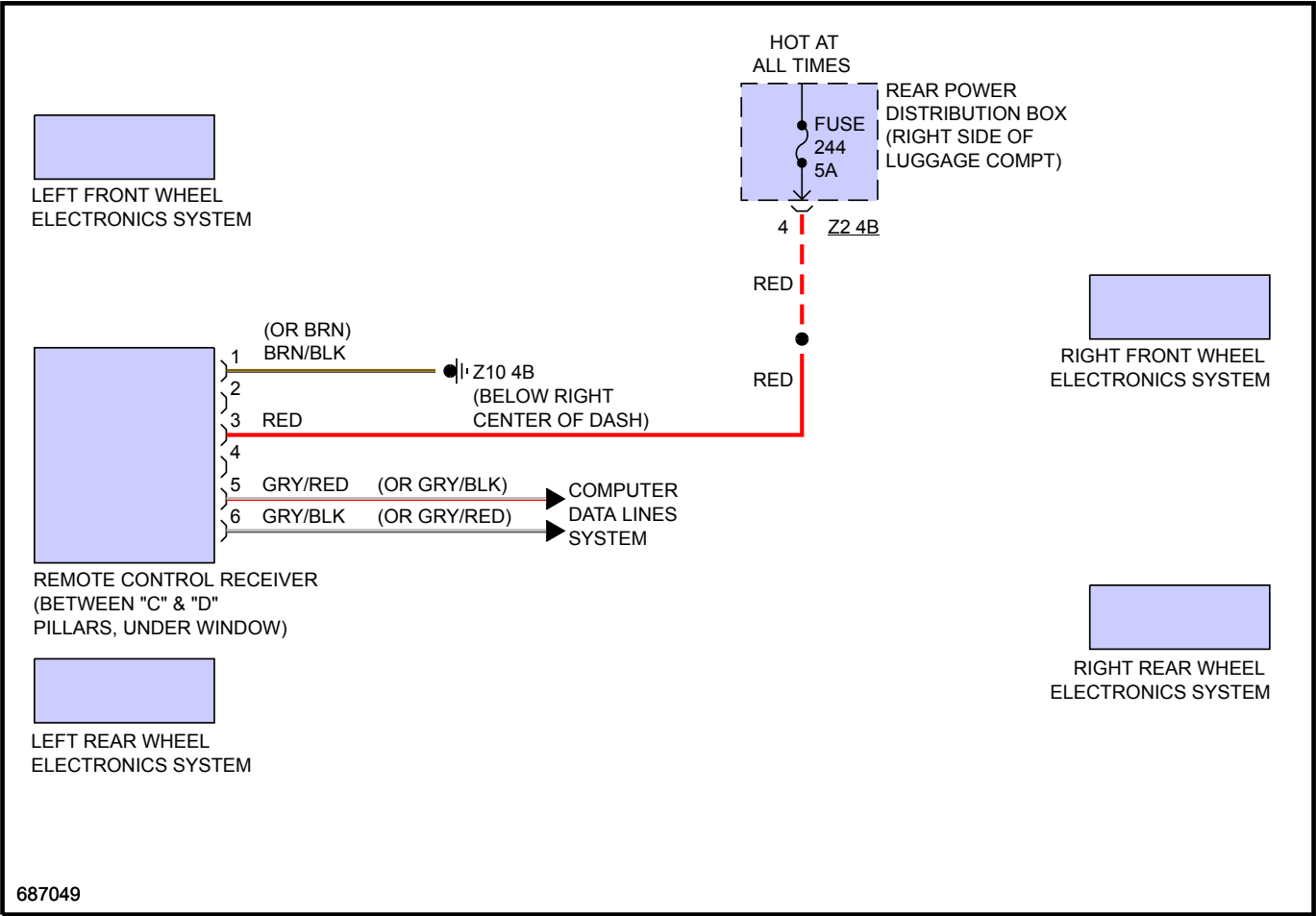


Fig 4: Trunk & Fuel Door Release Circuit (2 of 2)



WARNING SYSTEMS

Fig 1: Warning Systems Circuit



WIPER/WASHER

Fig 1: Wiper/Washer Circuit

