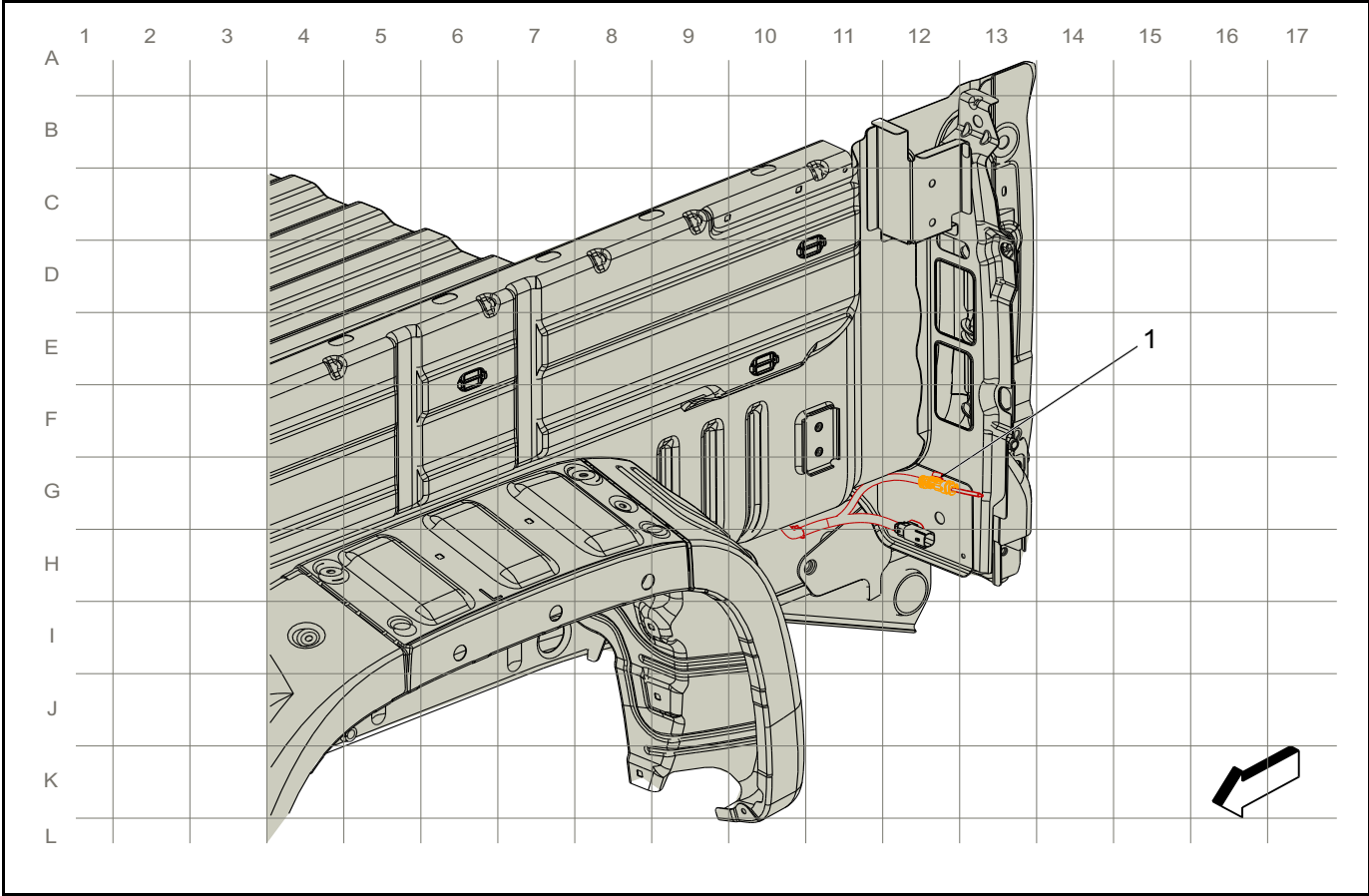


Harness Routing Views (Chassis Harness Routing (S0Y))

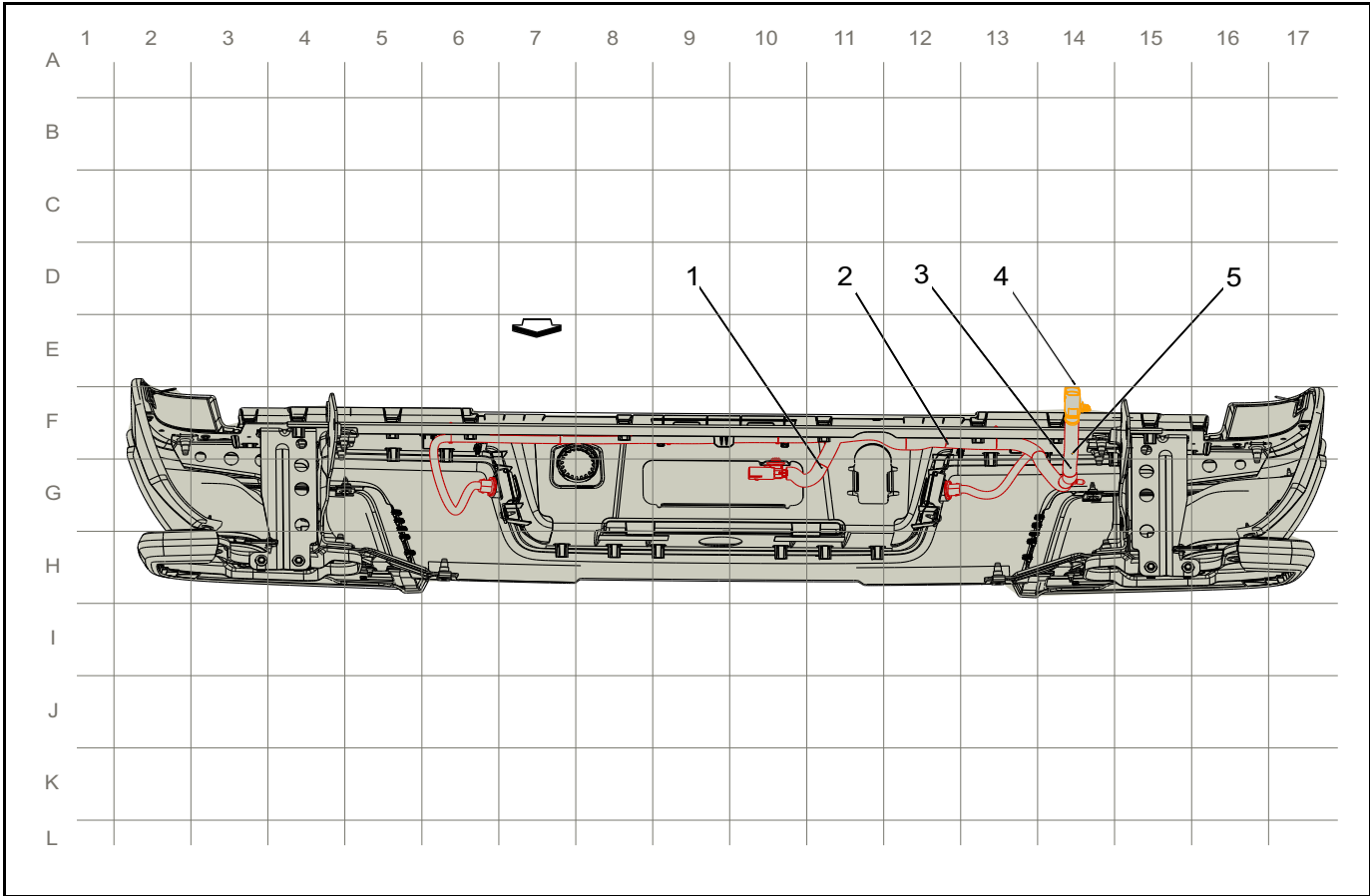


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Items

- (1) X401 Cargo Lamp Harness to Chassis
Harness (2 cavities) (S0Y)

Harness Routing Views (Rear License Plate Harness Routing)



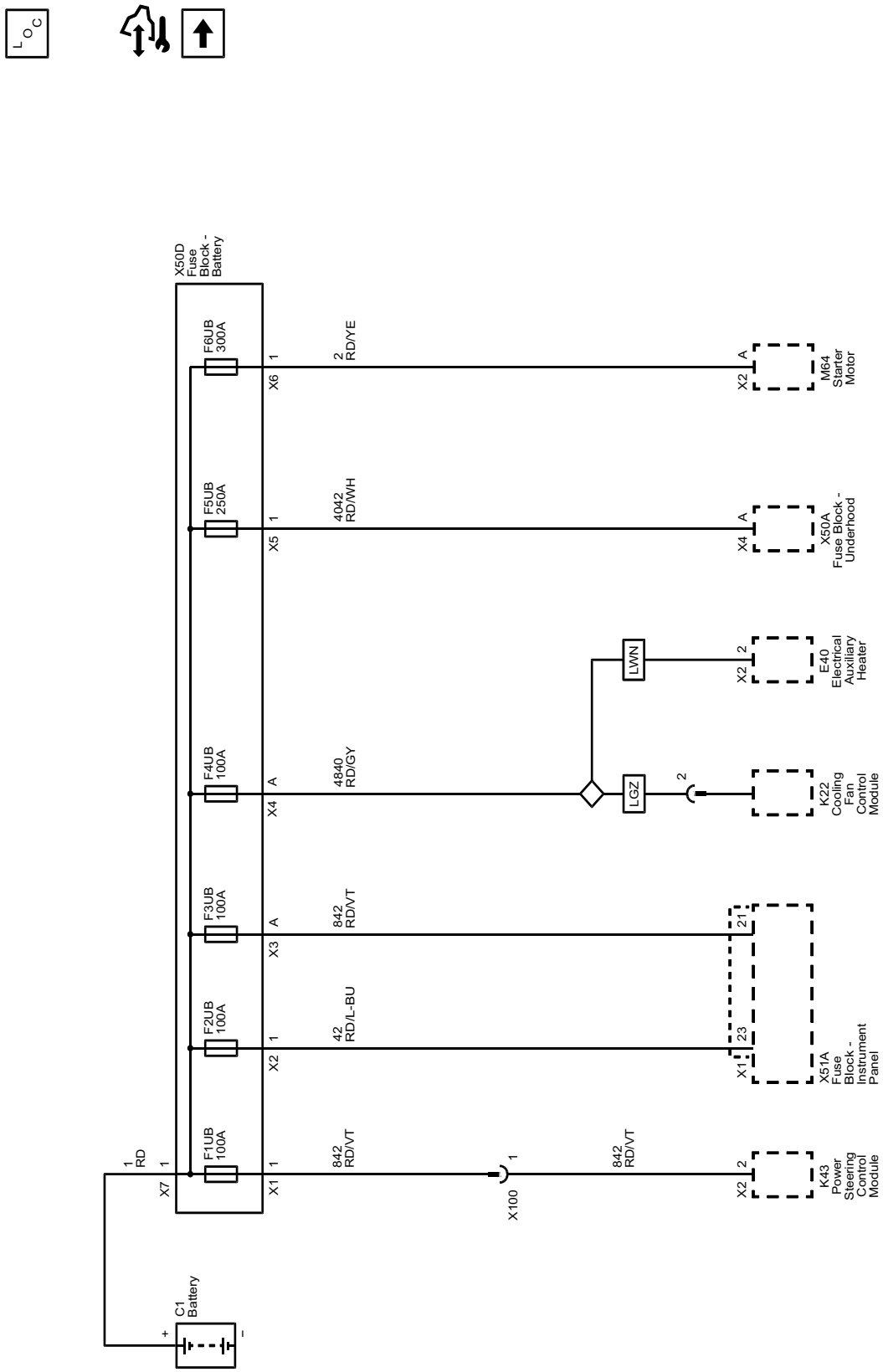
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Items

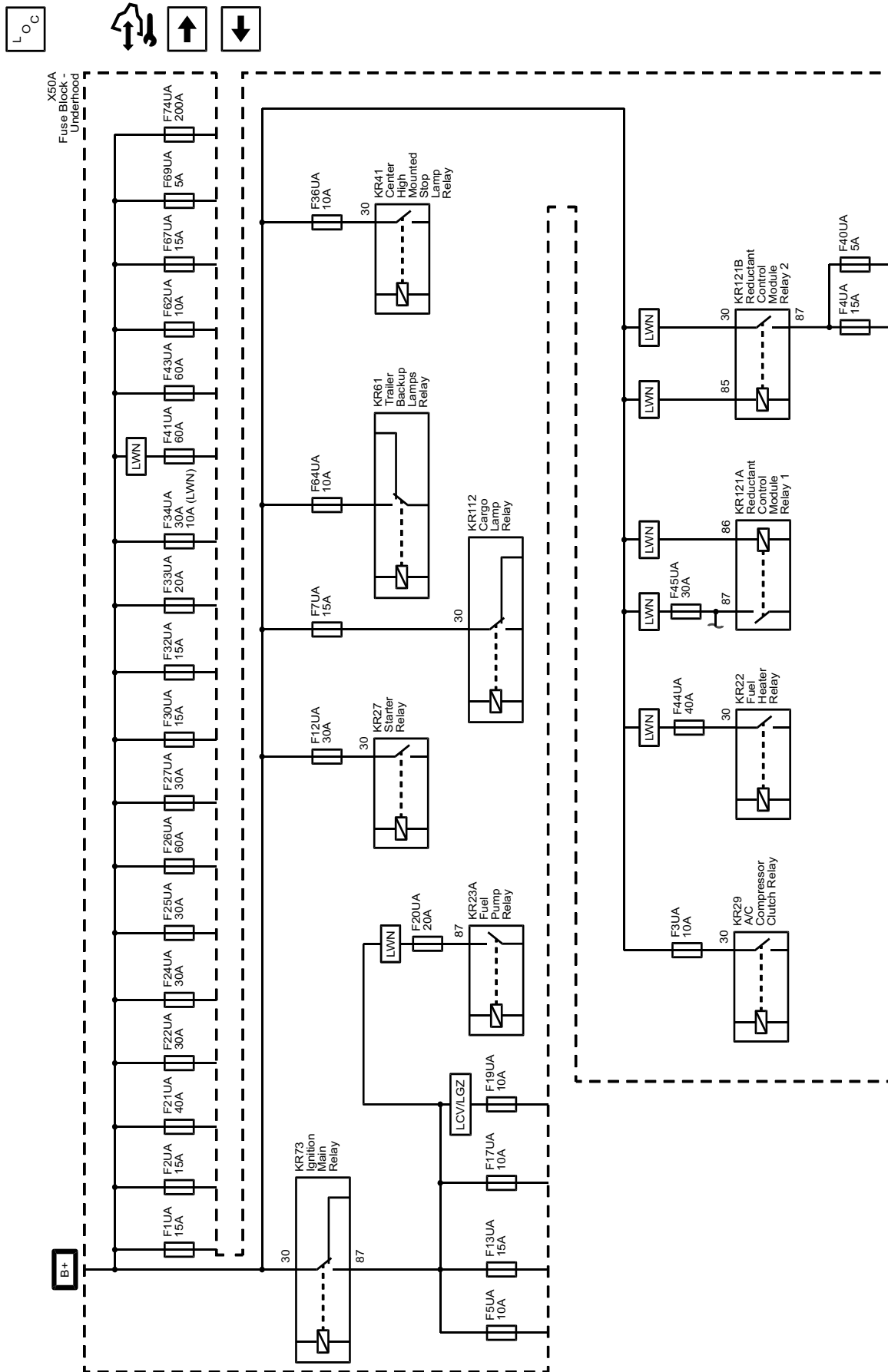
- | | |
|-----------------------------|---|
| (1) J409 License Harness | (4) X400 Rear Fascia Harness to Chassis
Harness (10 cavities) |
| (2) J408 License Harness | (5) J406 License Harness |
| (3) J407 License Harness | |

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Power Distribution Schematics (B+ Bus X50D Fuse Block - Battery)

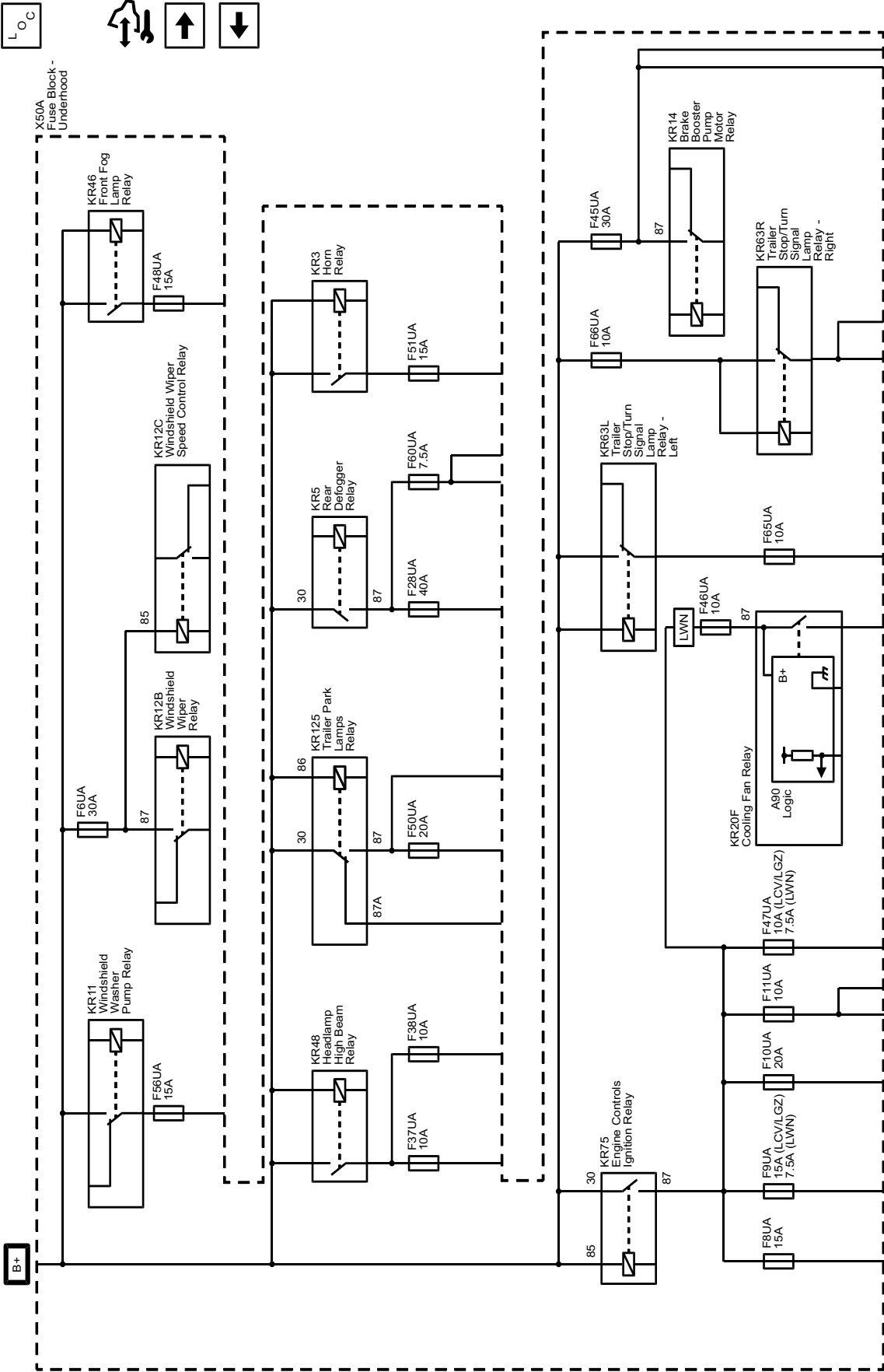


Power Distribution Schematics (B+ Bus X50A Fuse Block - Underhood (1 of 2))

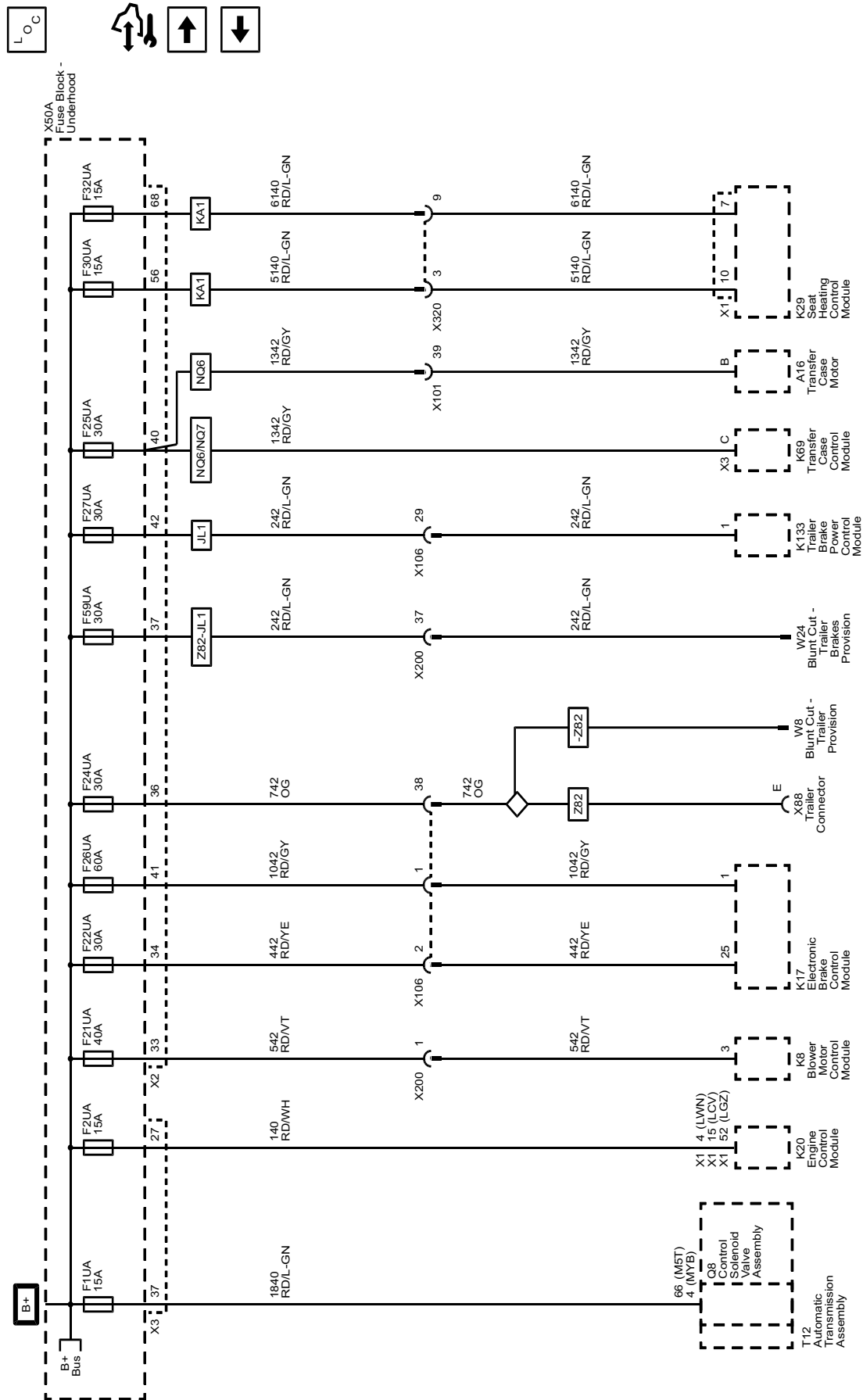


4945124

Power Distribution Schematics (B+ Bus X50A Fuse Block - Underhood (2 of 2))

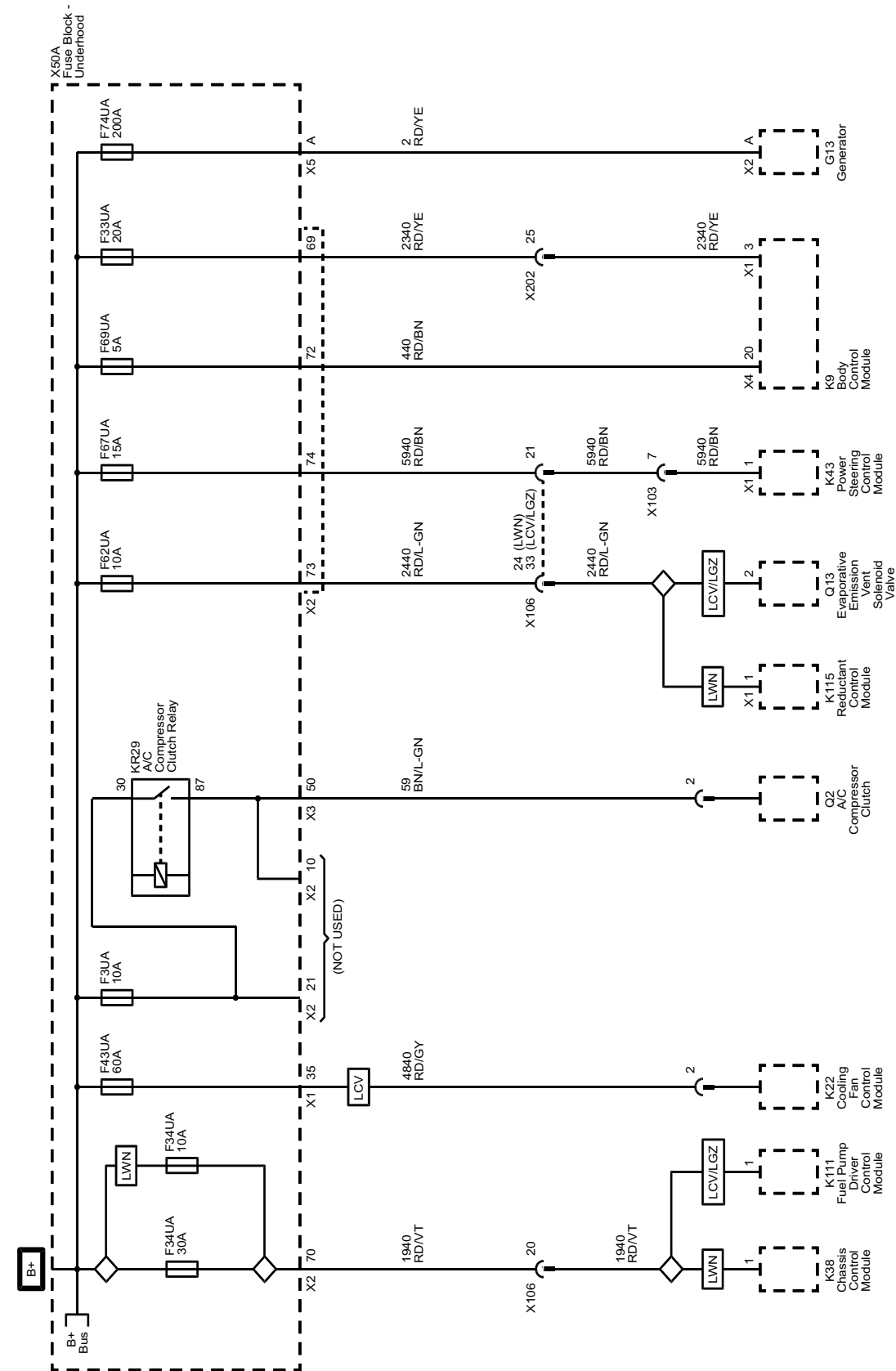


Power Distribution Schematics (F1UA, F2UA, F21UA, F22UA, F24UA, F25UA, F26UA, F27UA, F30UA, F32UA, F32UA Fuses)

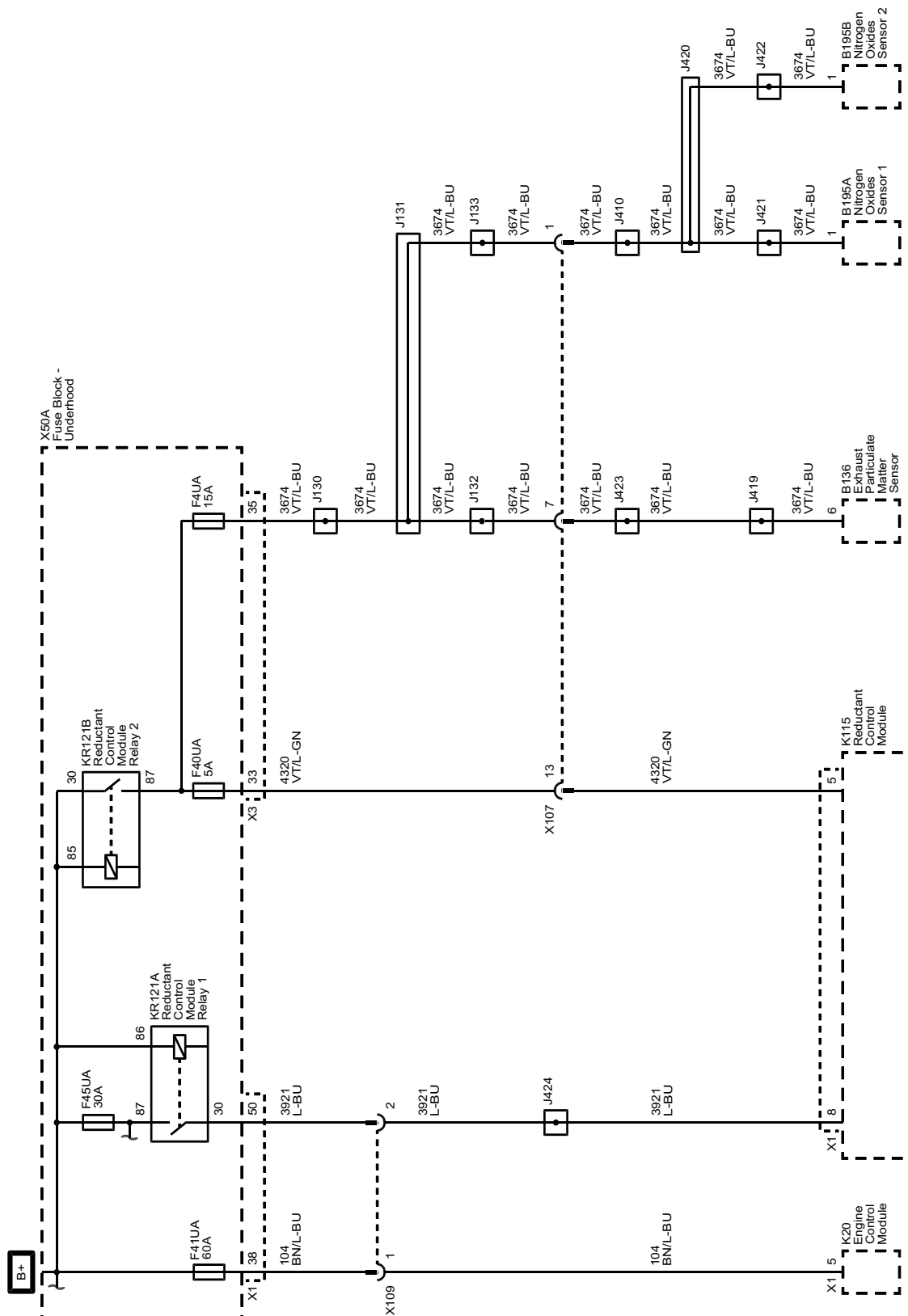


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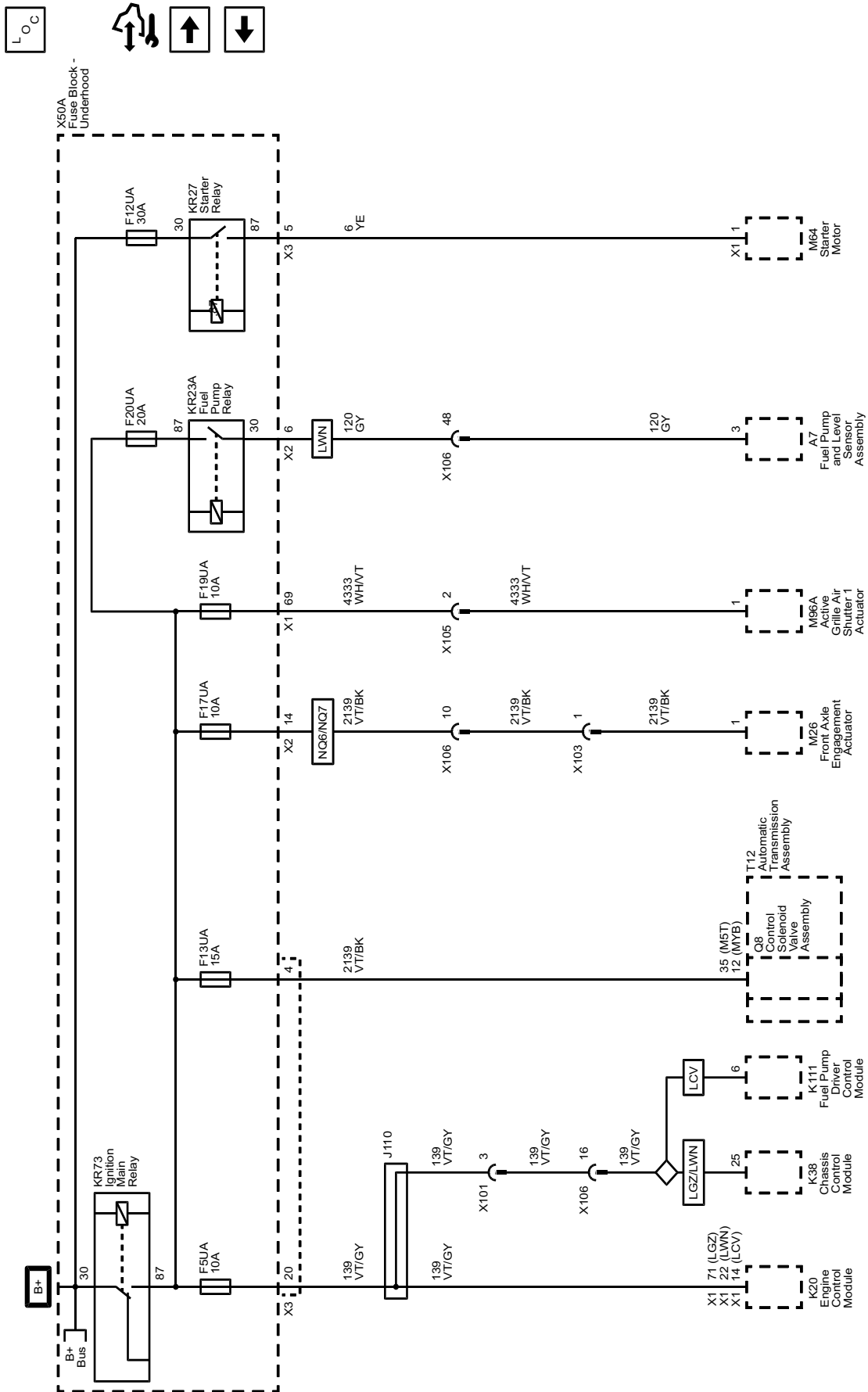
Power Distribution Schematics (F3UA, F33UA, F34UA, F43UA, F62UA, F67UA, F69UA, and F74UA Fuses)



LOC



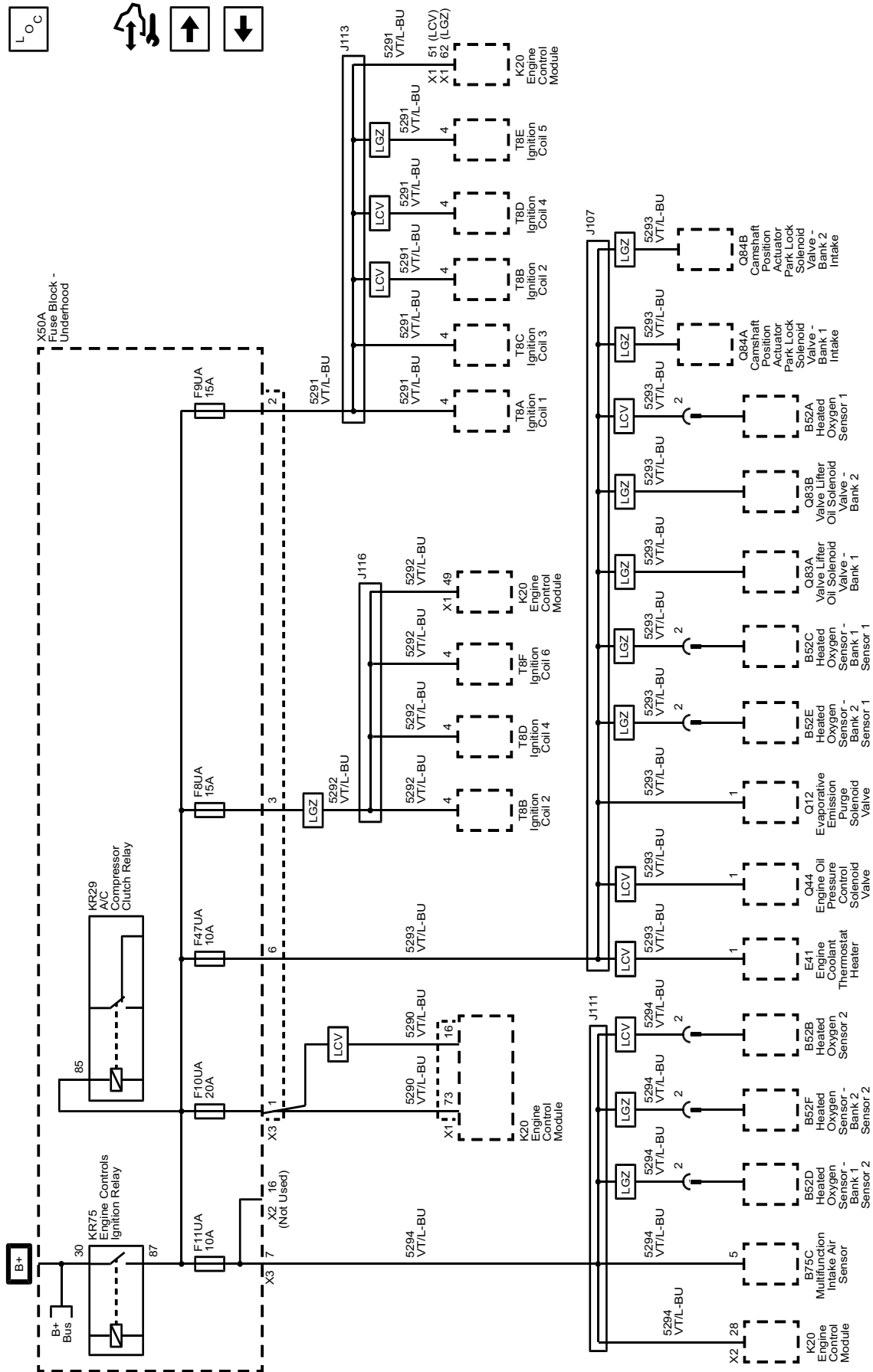
LOC



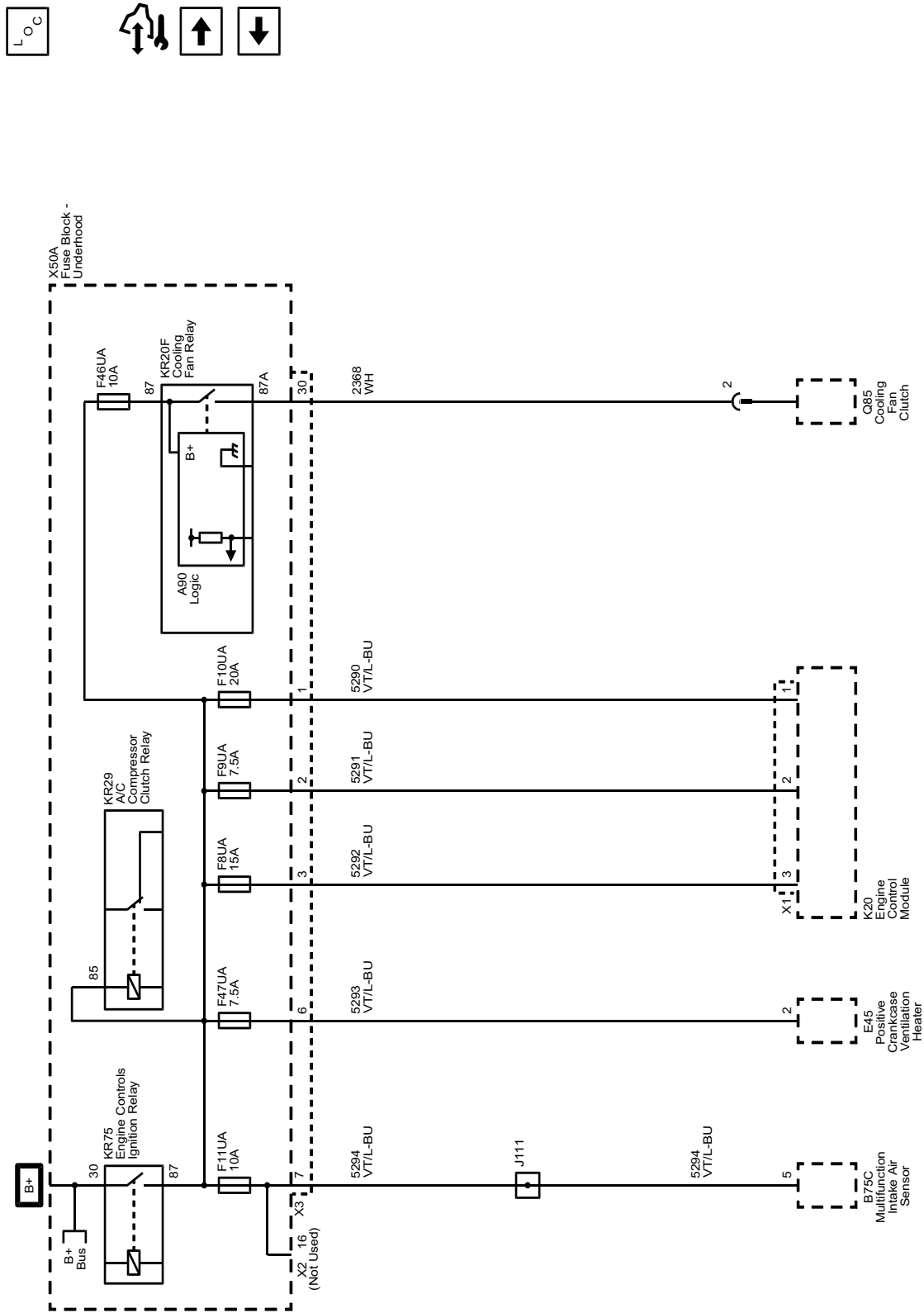
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Power Distribution Schematics (F8UA, F9UA, F10UA, F11UA, and F47UA Fuses (LCV/LGZ/Gasoline))

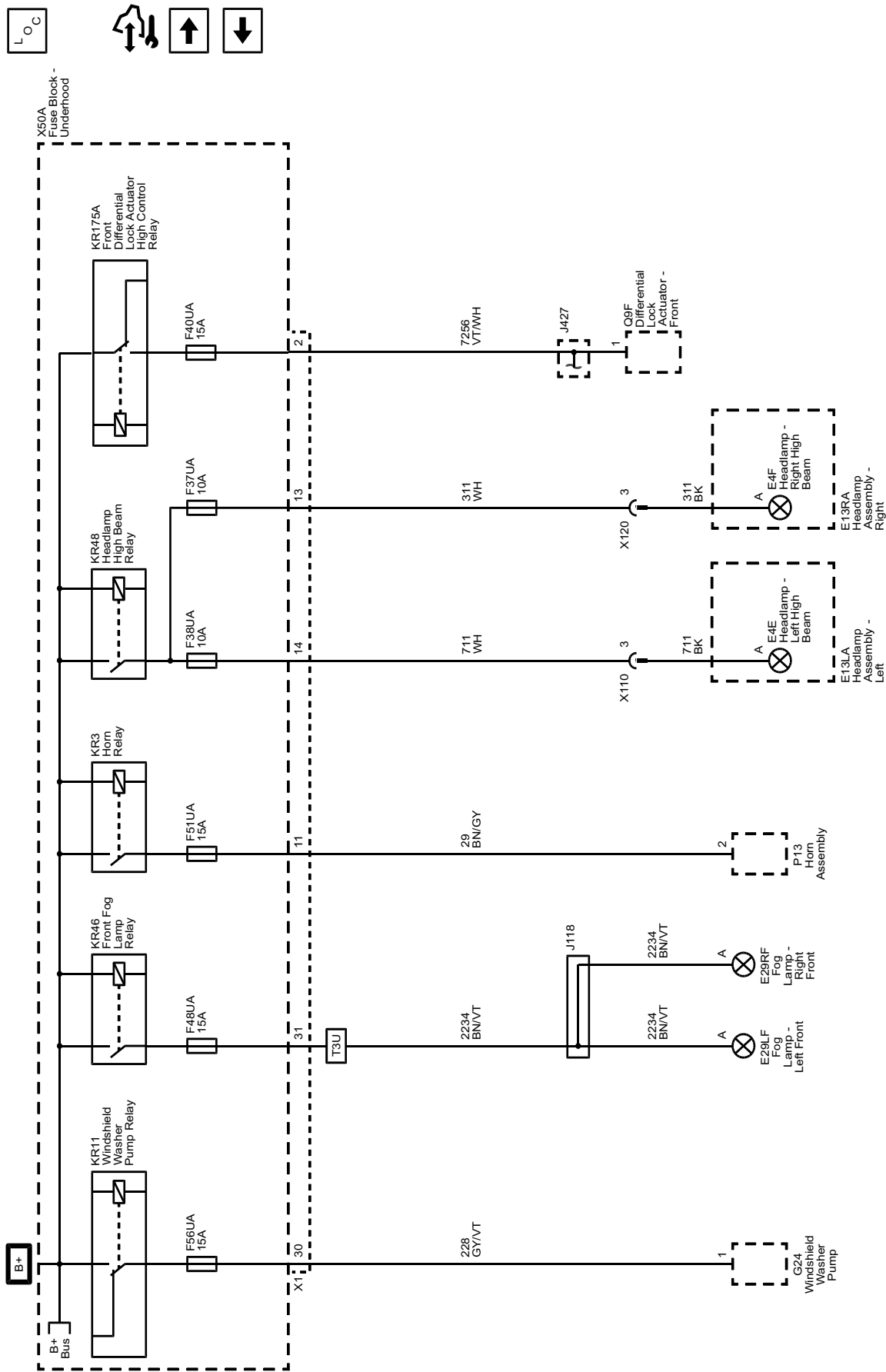


Power Distribution Schematics (F8UA, F9UA, F10UA, F11UA, F46UA, and F47UA Fuses (LWN/Diesel))

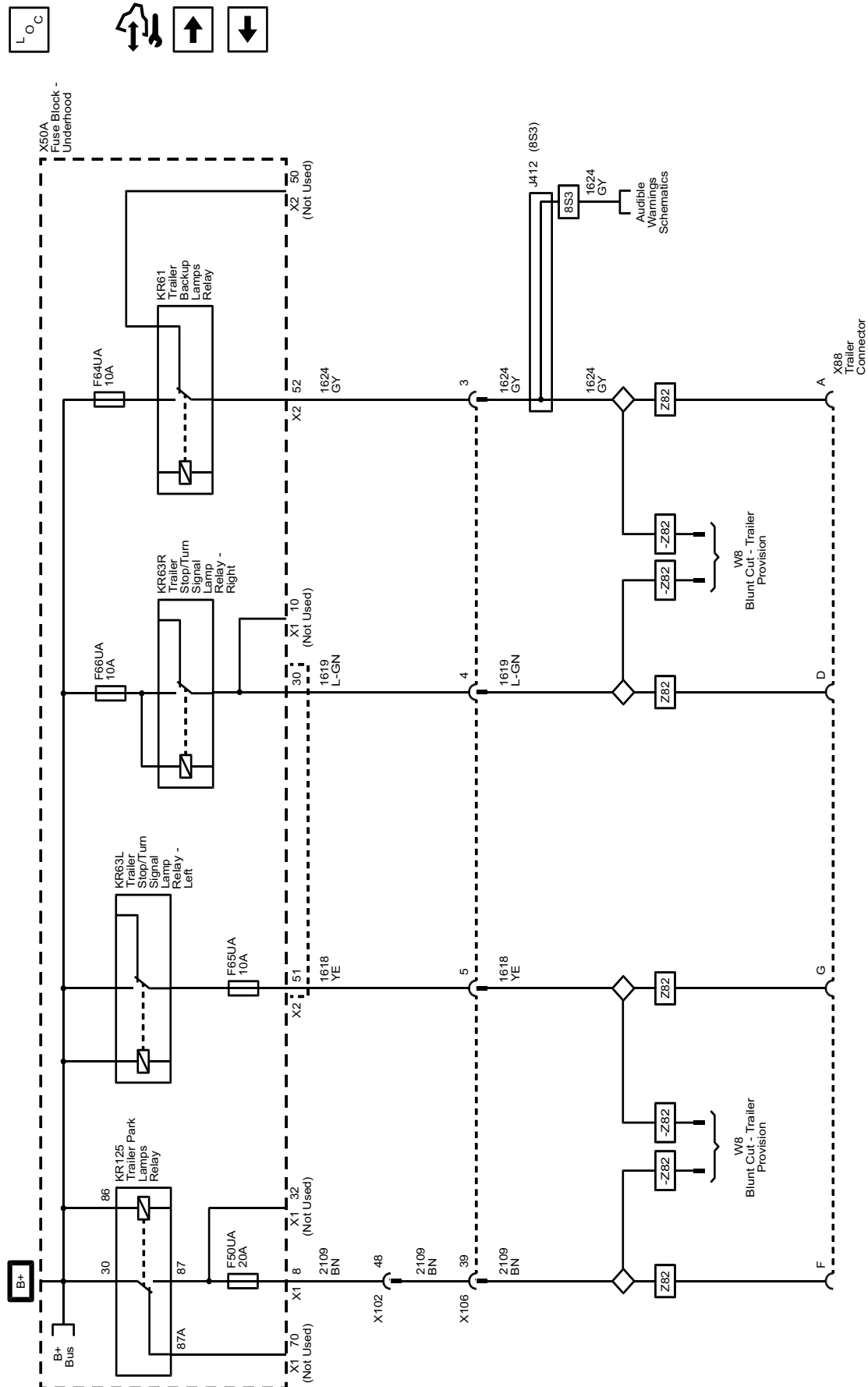


4945133

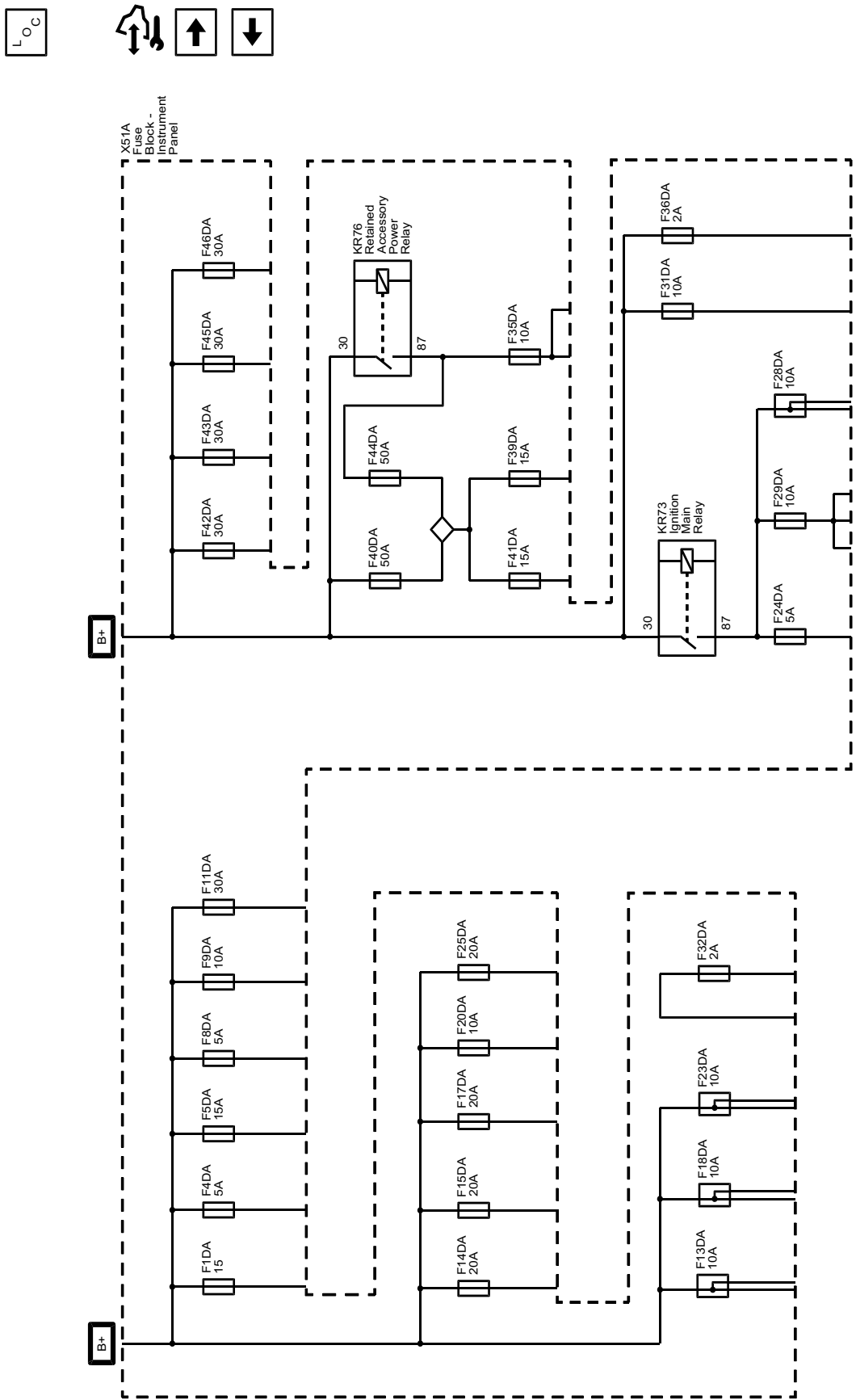
Power Distribution Schematics (F37UA, F38UA, F40UA, F48UA, F51UA, and F56UA Fuses)



Power Distribution Schematics (F50UA, F64UA, F65UA, and F66UA Fuses)

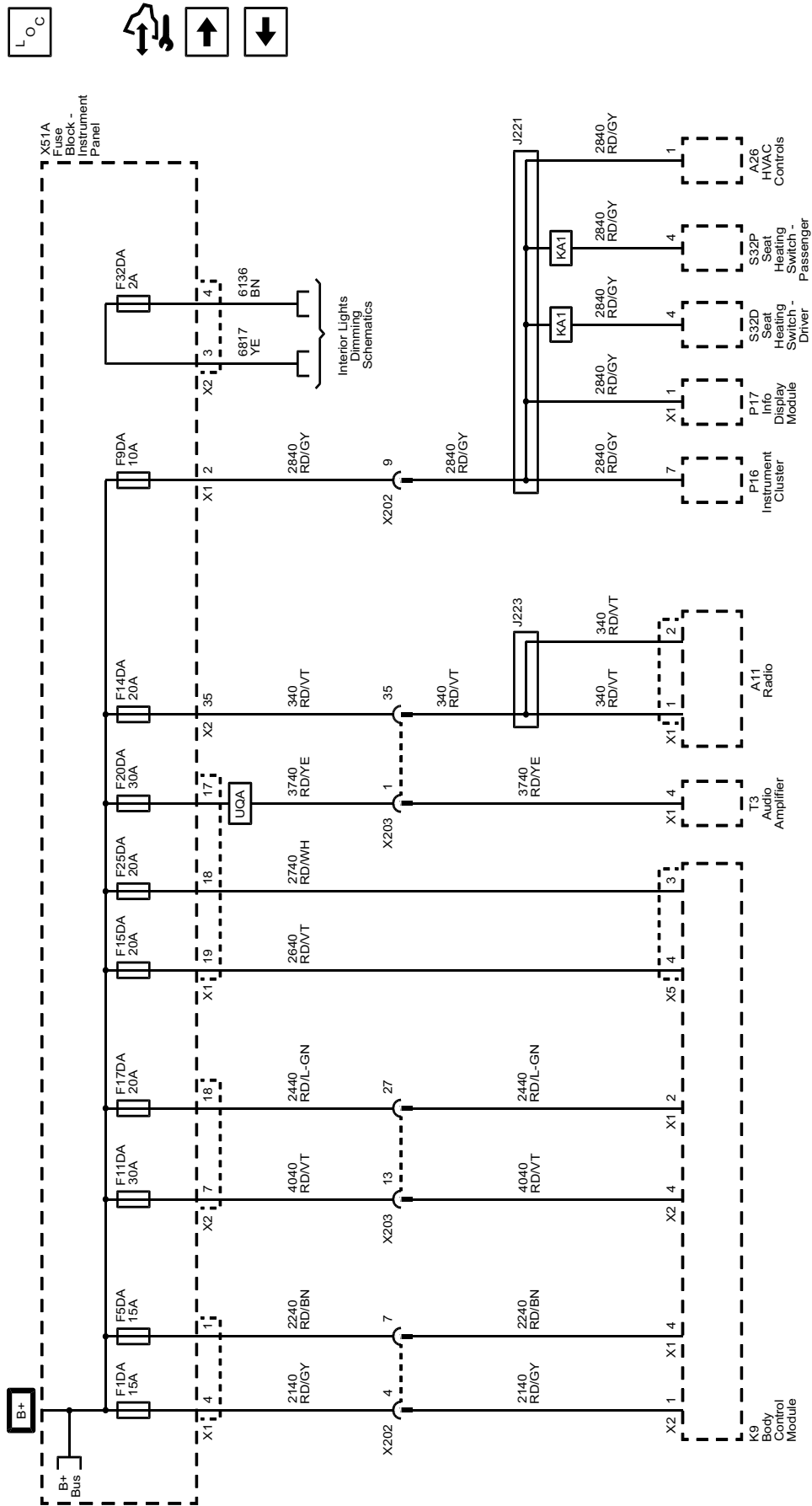


Power Distribution Schematics (X51A Fuse Block - Instrument Panel Bussing)



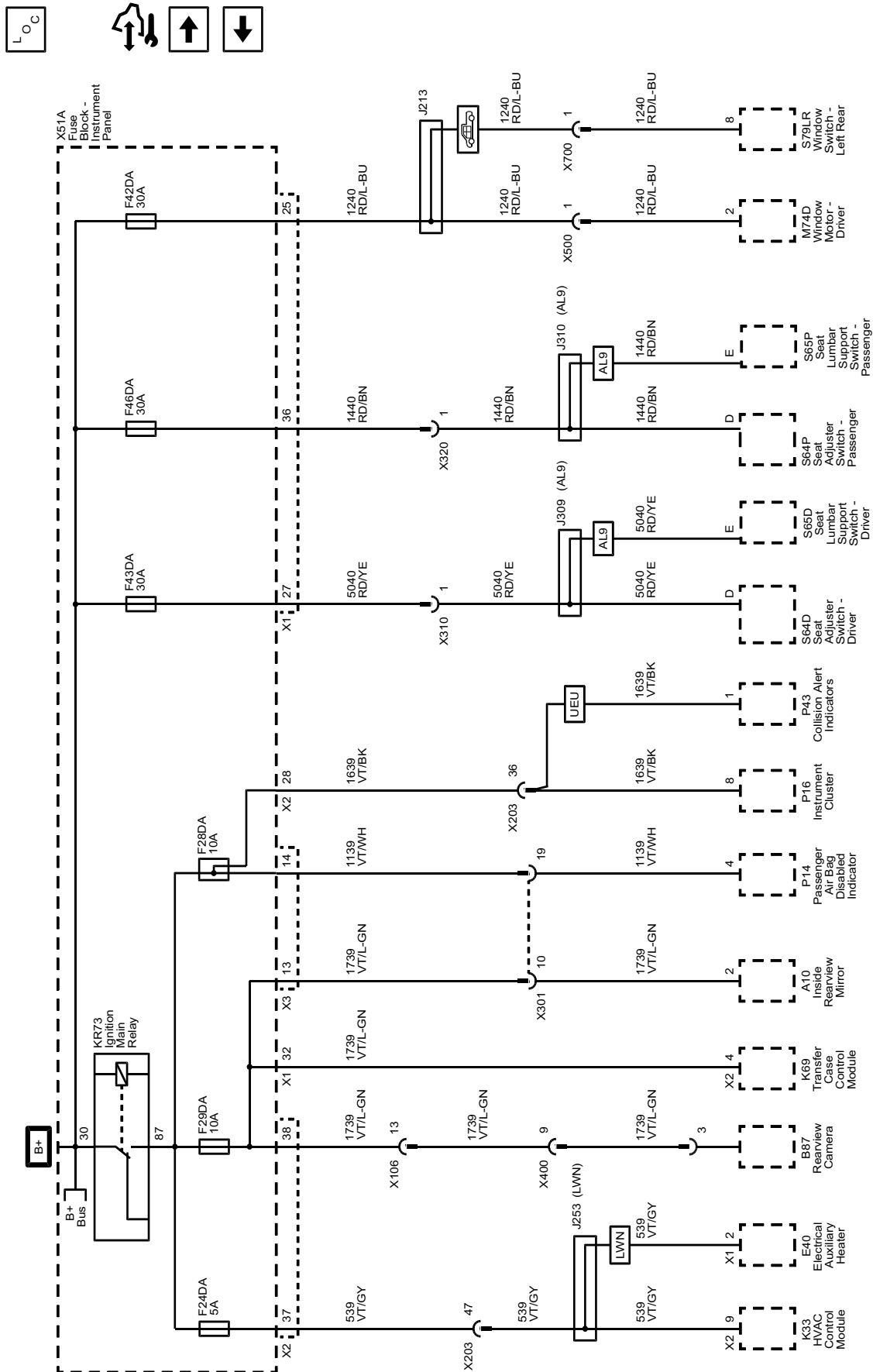
4945136

Power Distribution Schematics (F1DA, F5DA, F9DA, F11DA, F14DA, F15DA, F17DA, F20DA, F25DA, F28DA, F32DA Fuses)



[illegible]

Power Distribution Schematics (F24DA, F28DA, F29DA, F42DA, F43DA, F46DA Fuses)



4945139

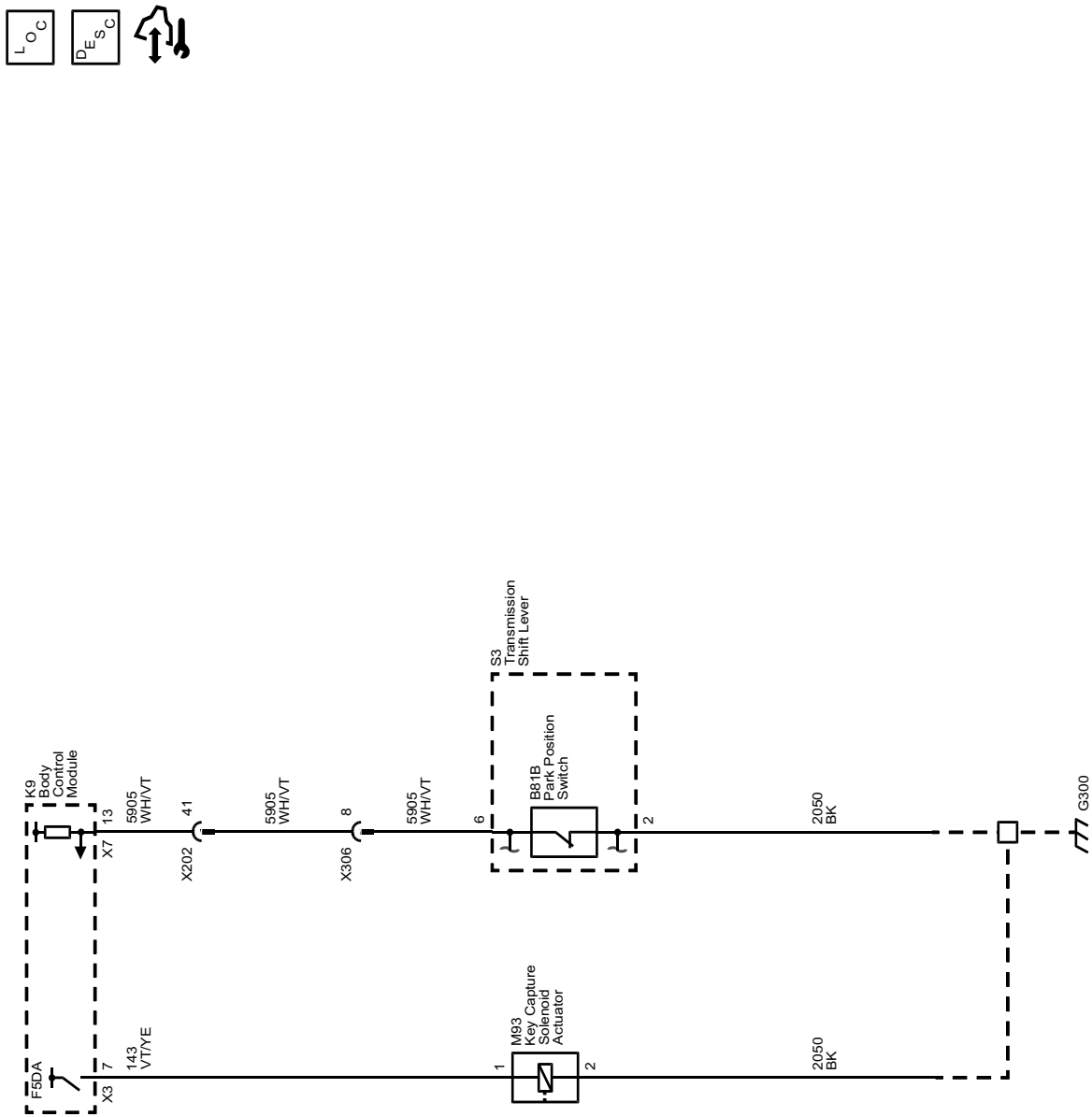
LOC DESC



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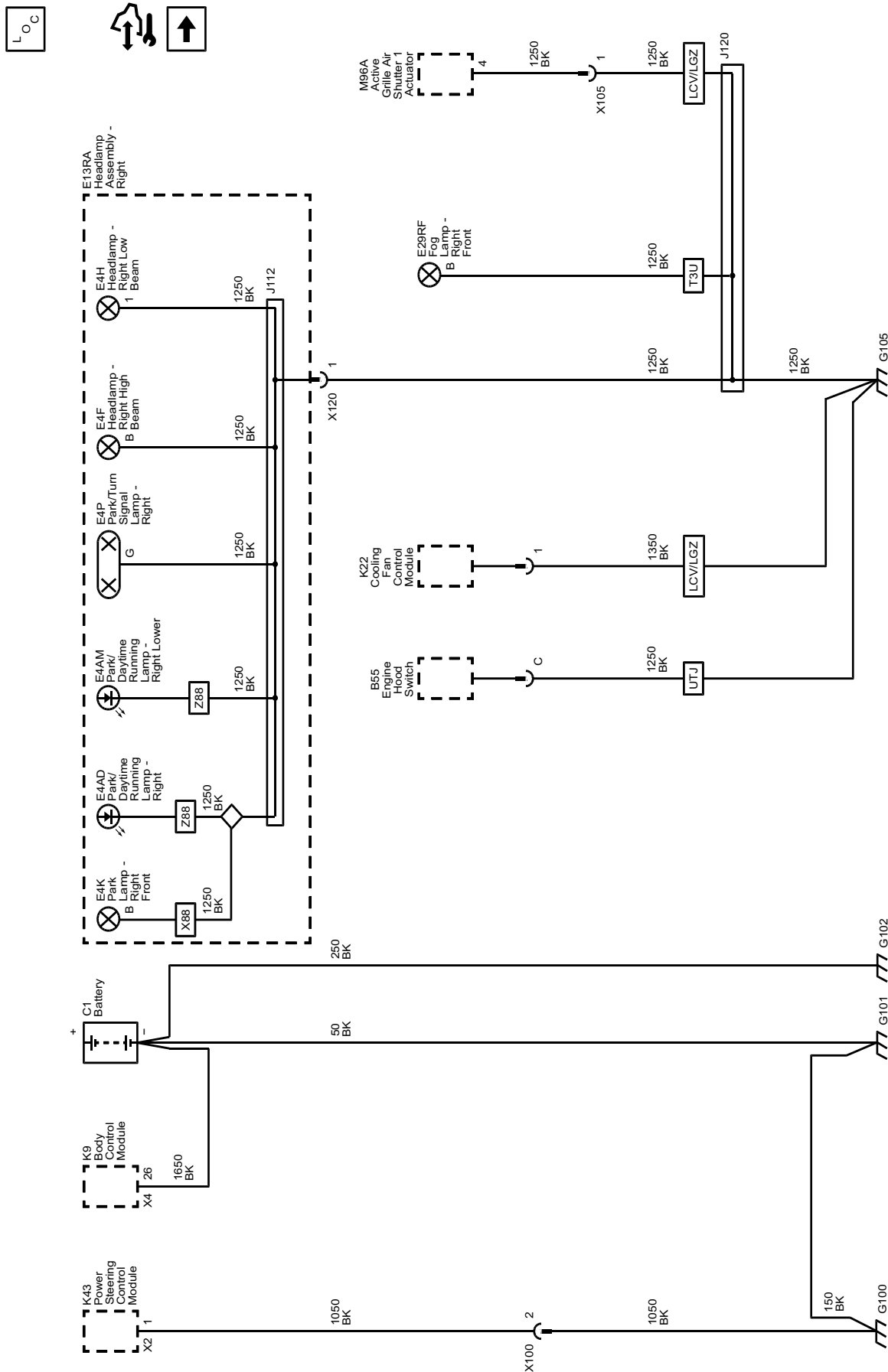


Ignition Lock Schematics (Key Capture, and Park Position Switch)



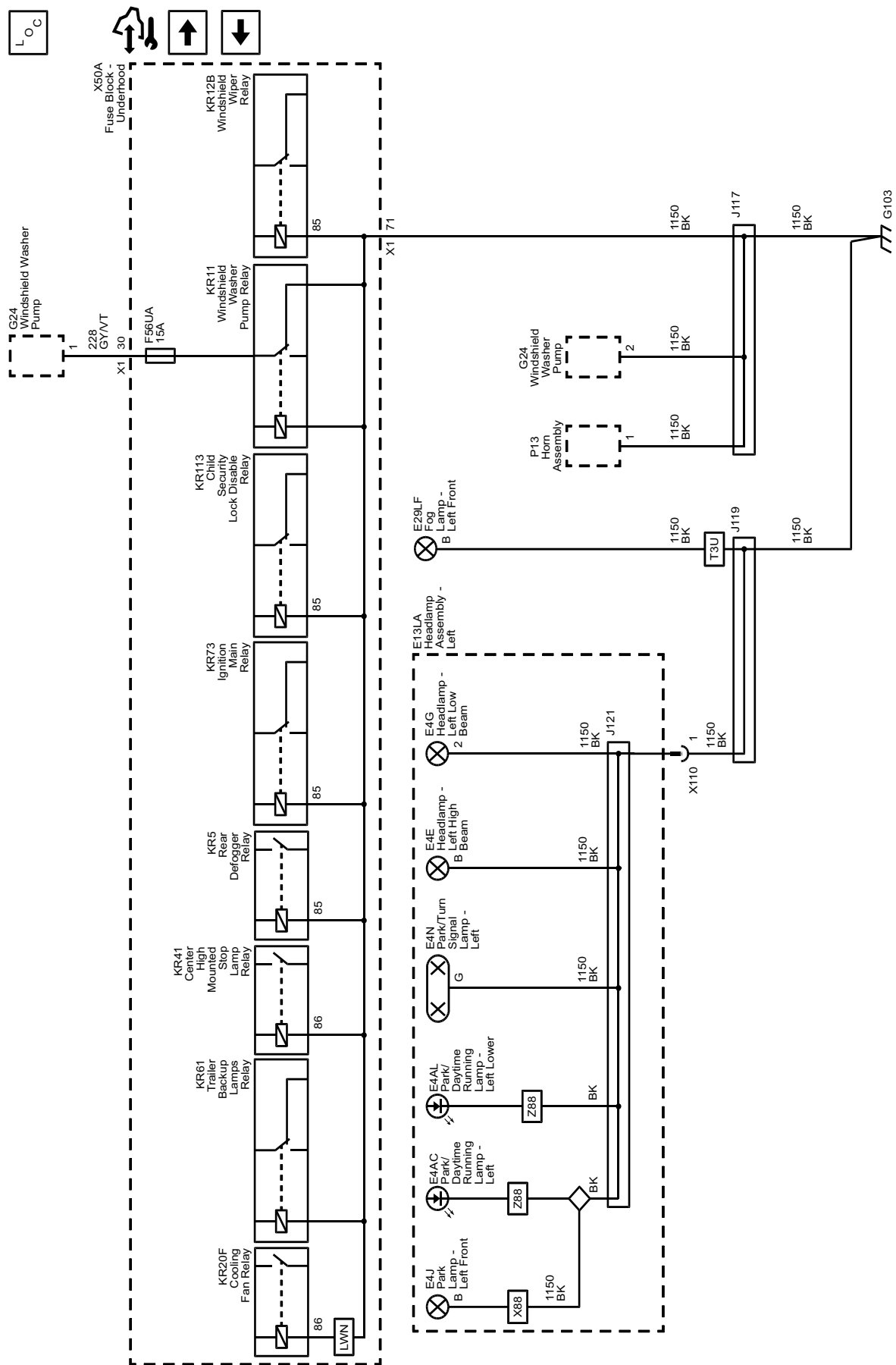
4945143

Ground Distribution Schematics (G100, G101, G102, and G105)



4945144

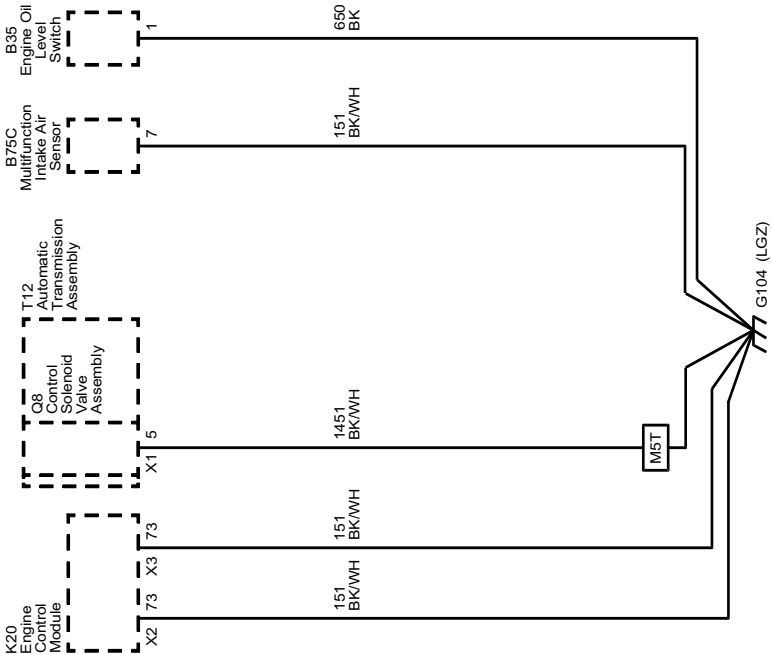
Ground Distribution Schematics (G103)



4945145

Ground Distribution Schematics (G104 (LGZ))

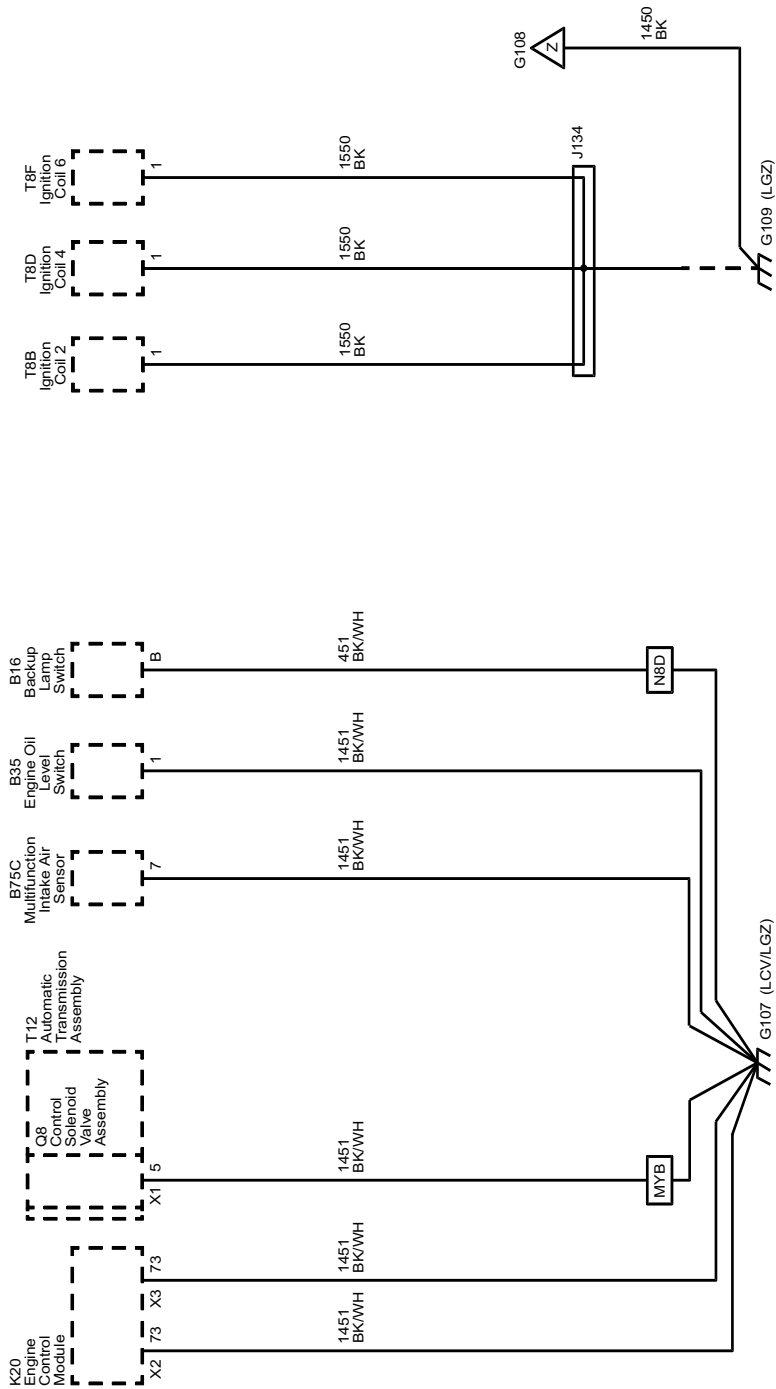
L O C



4945146

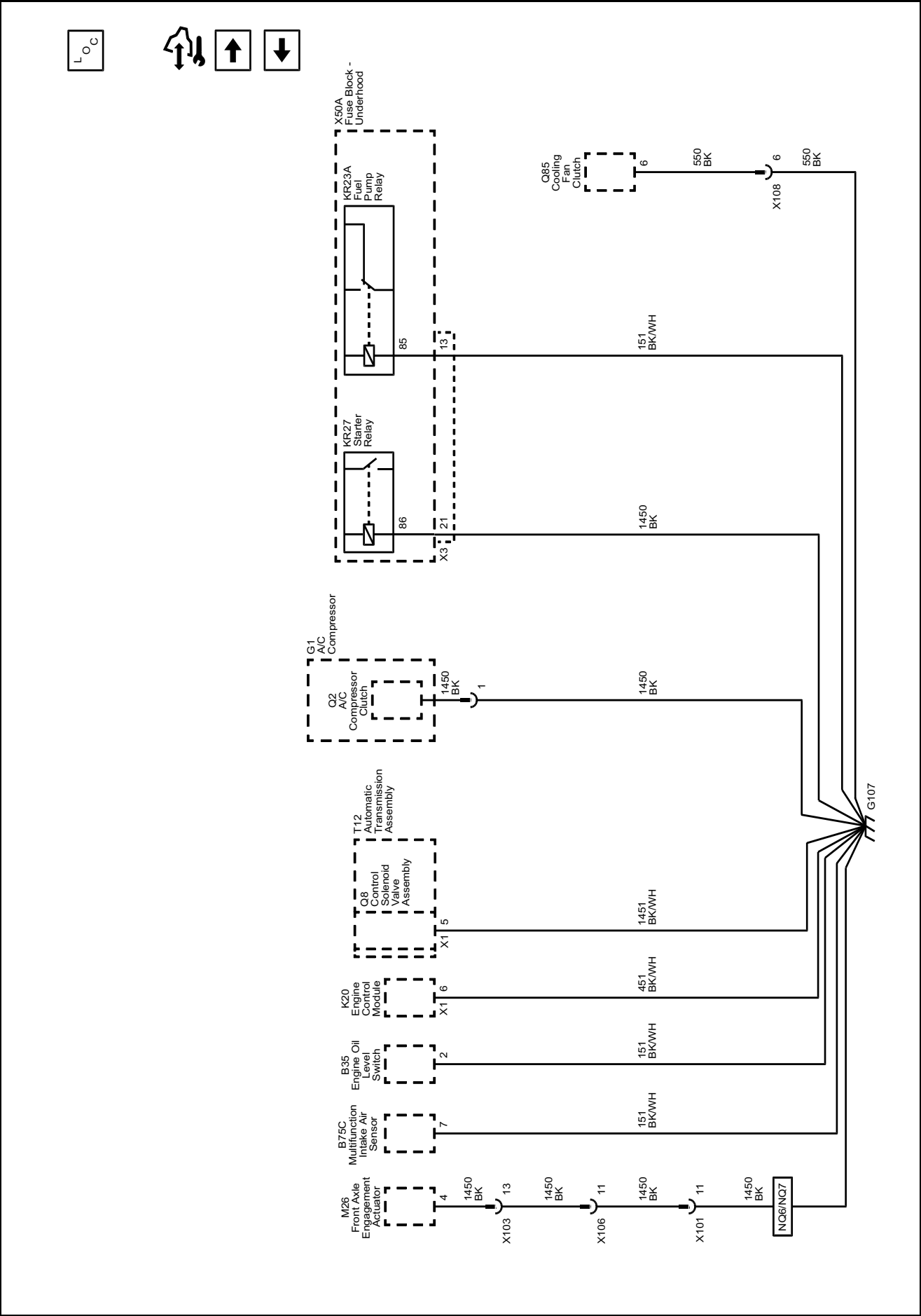
Ground Distribution Schematics (G107 (LCV/LGZ) and G109 (LGZ))

L_OC



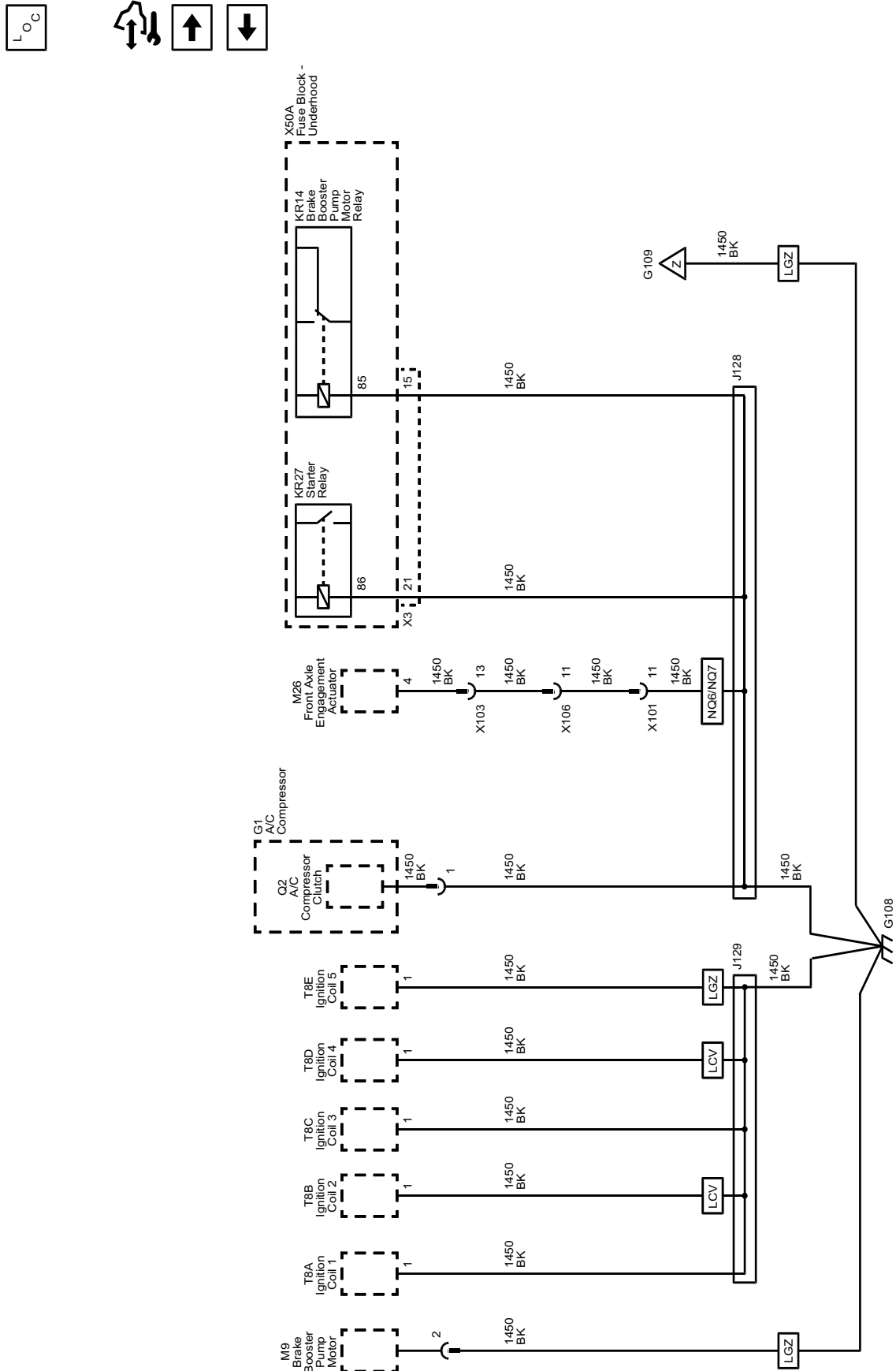
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Ground Distribution Schematics (G107 (LWN))

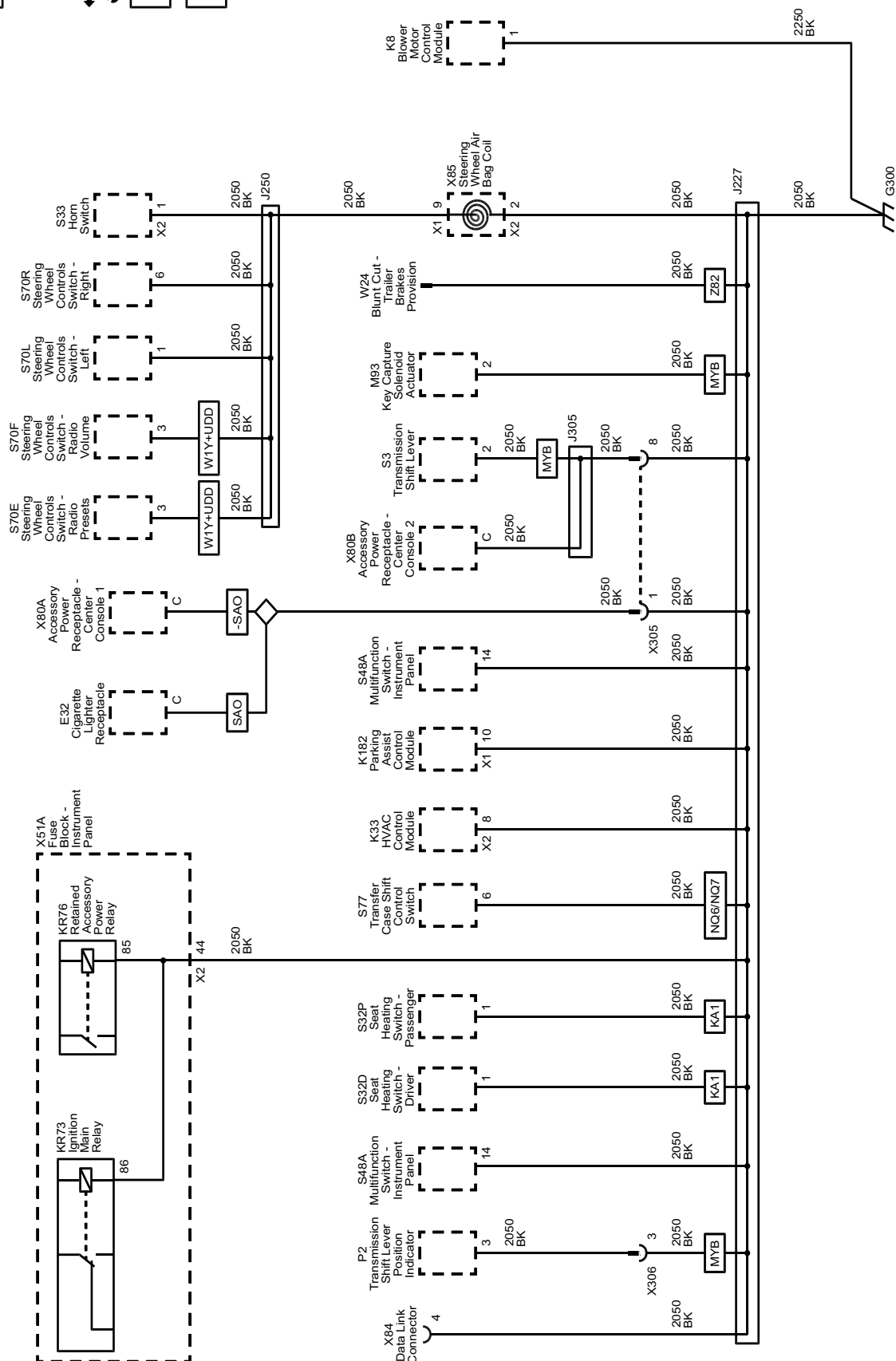


4945148

Ground Distribution Schematics (G108 (LCV/LGZ))

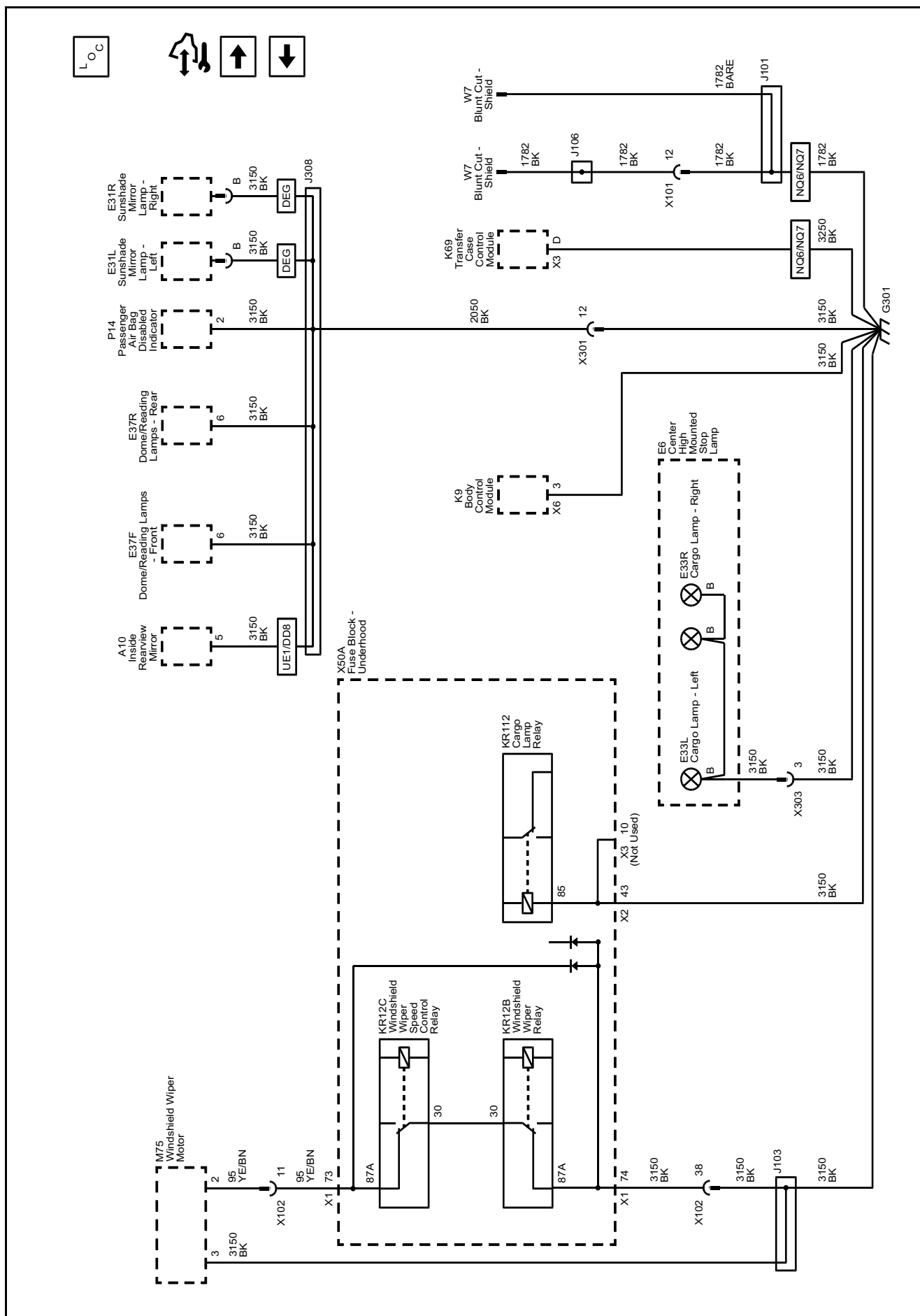


Ground Distribution Schematics (G300)



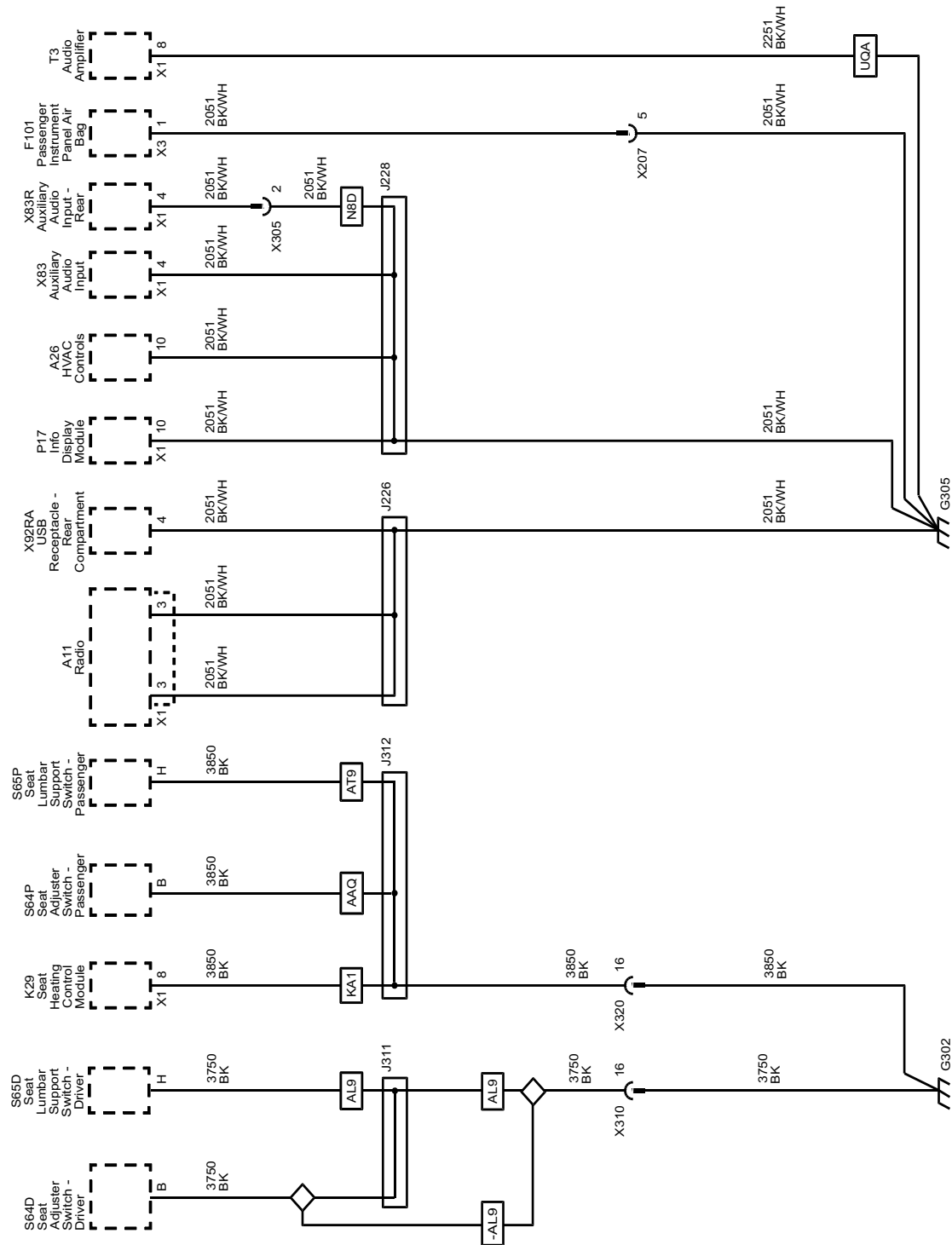
4945150

Ground Distribution Schematics (G301)

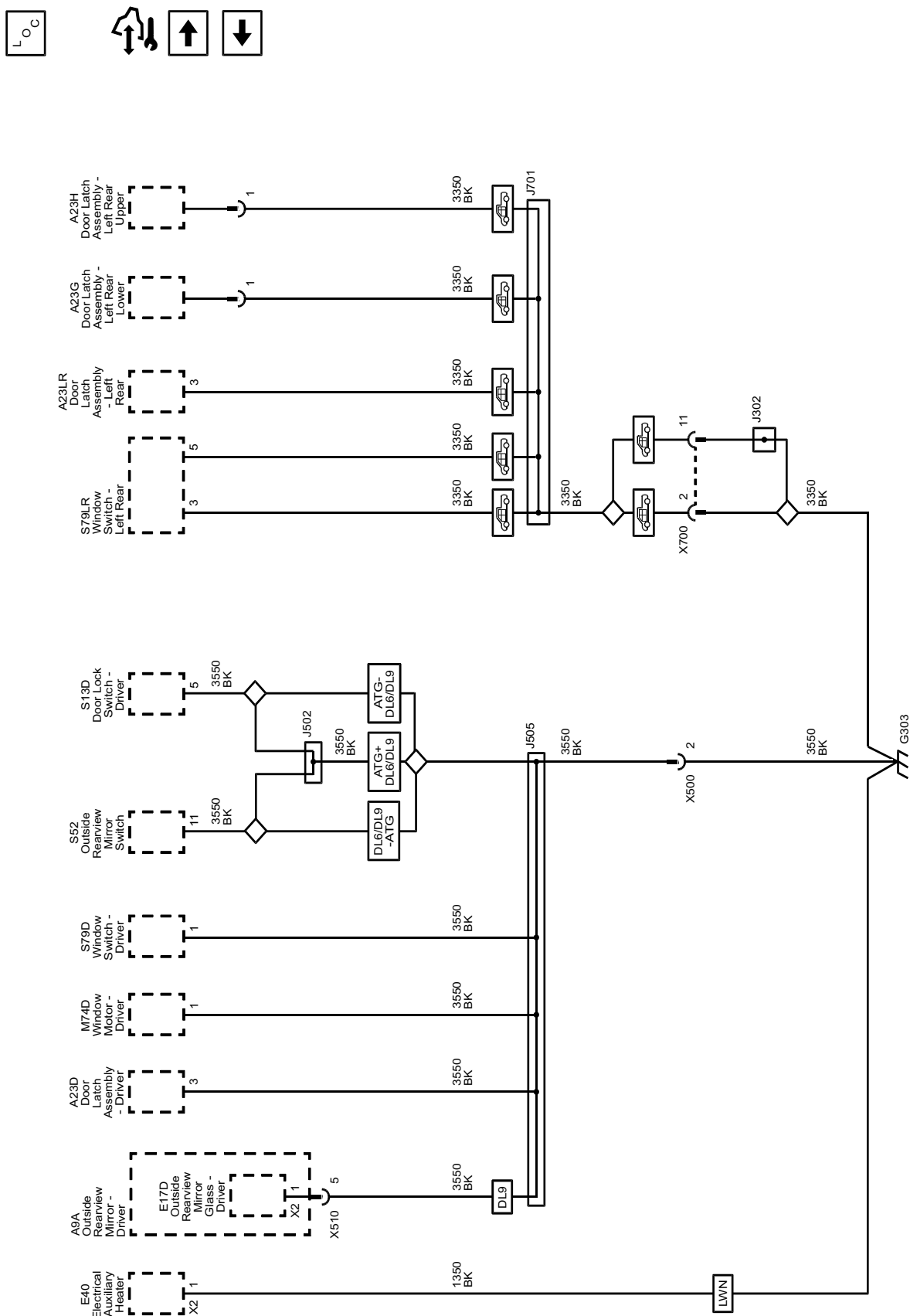


4945151

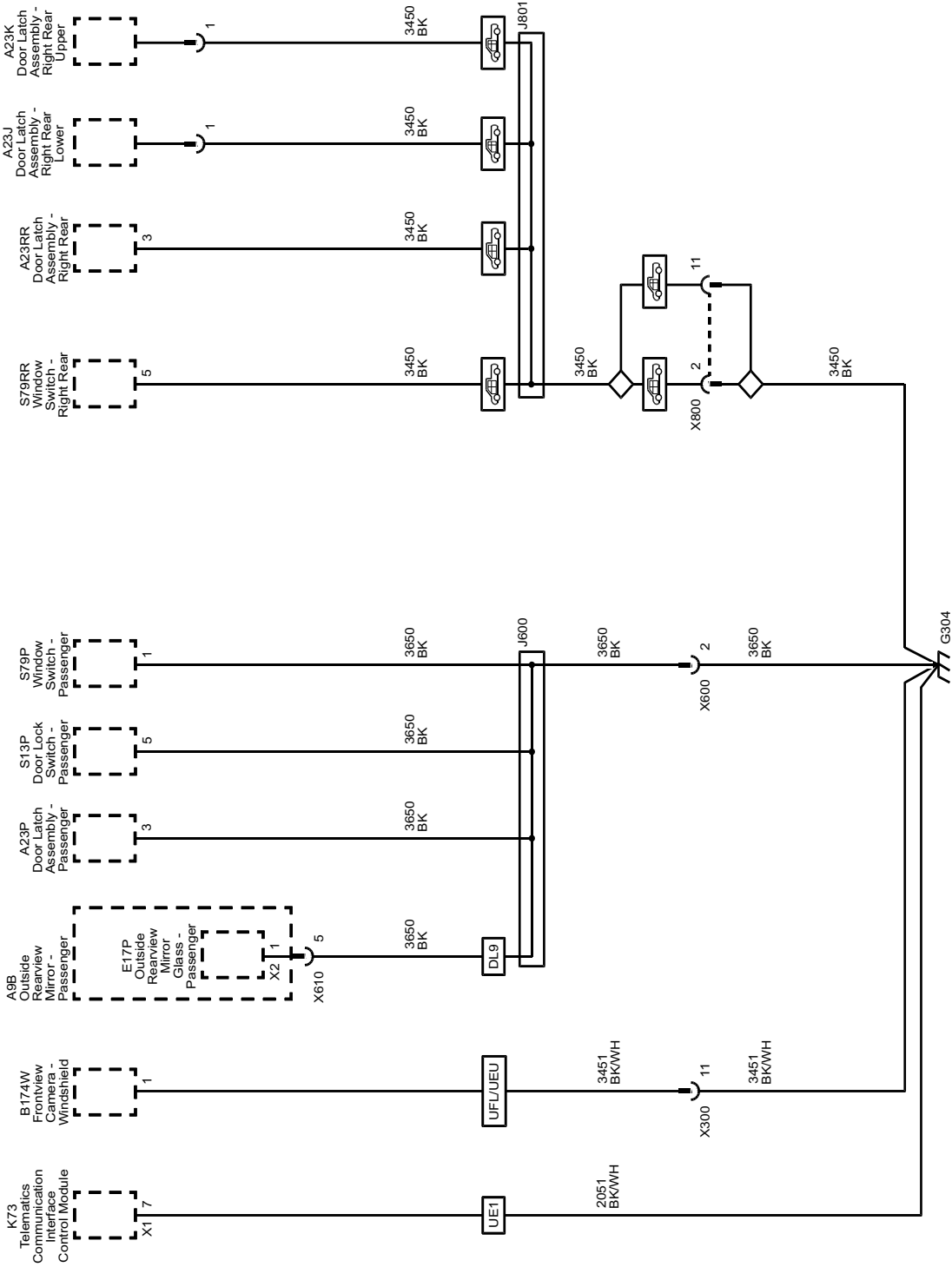
LOC



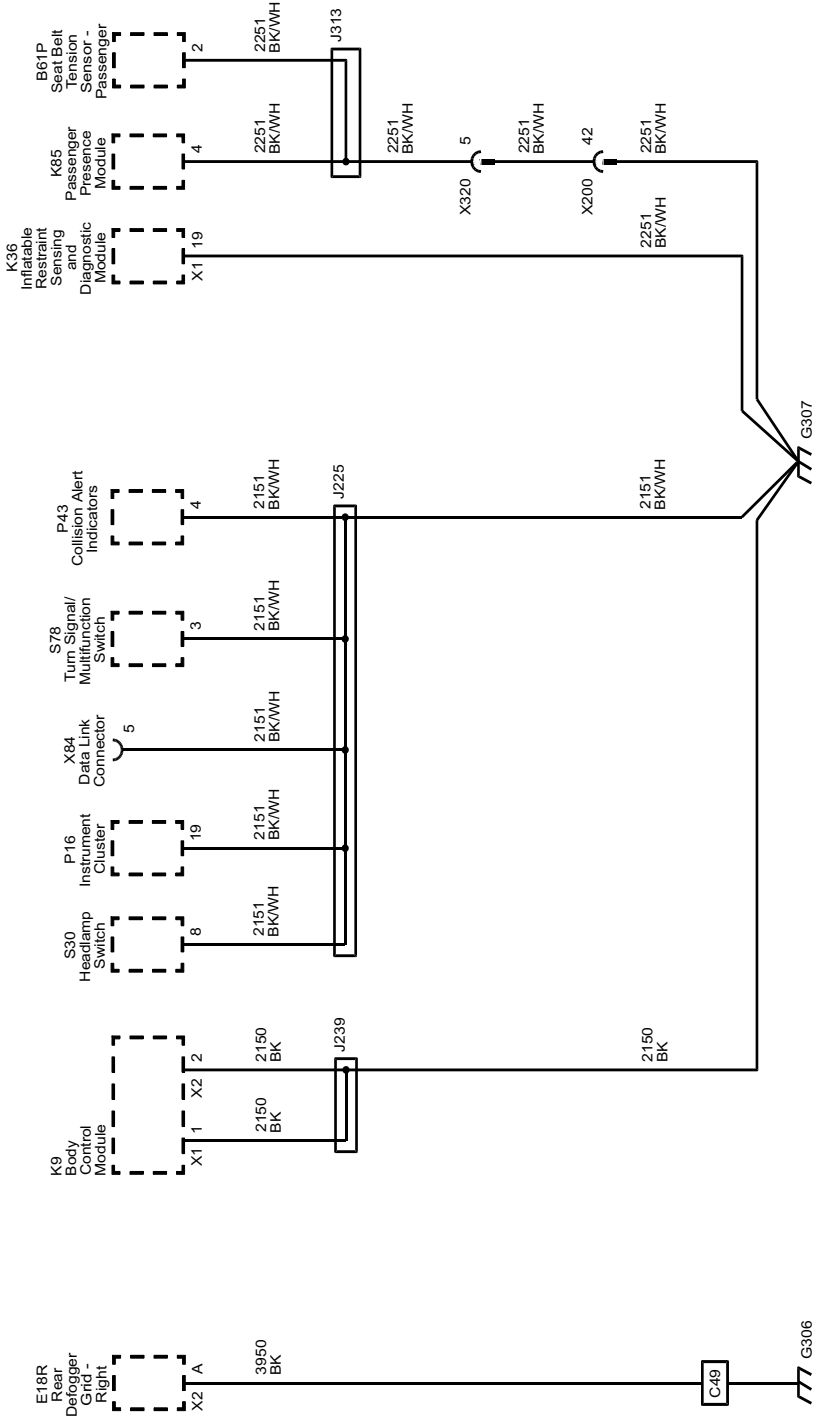
Ground Distribution Schematics (G303)



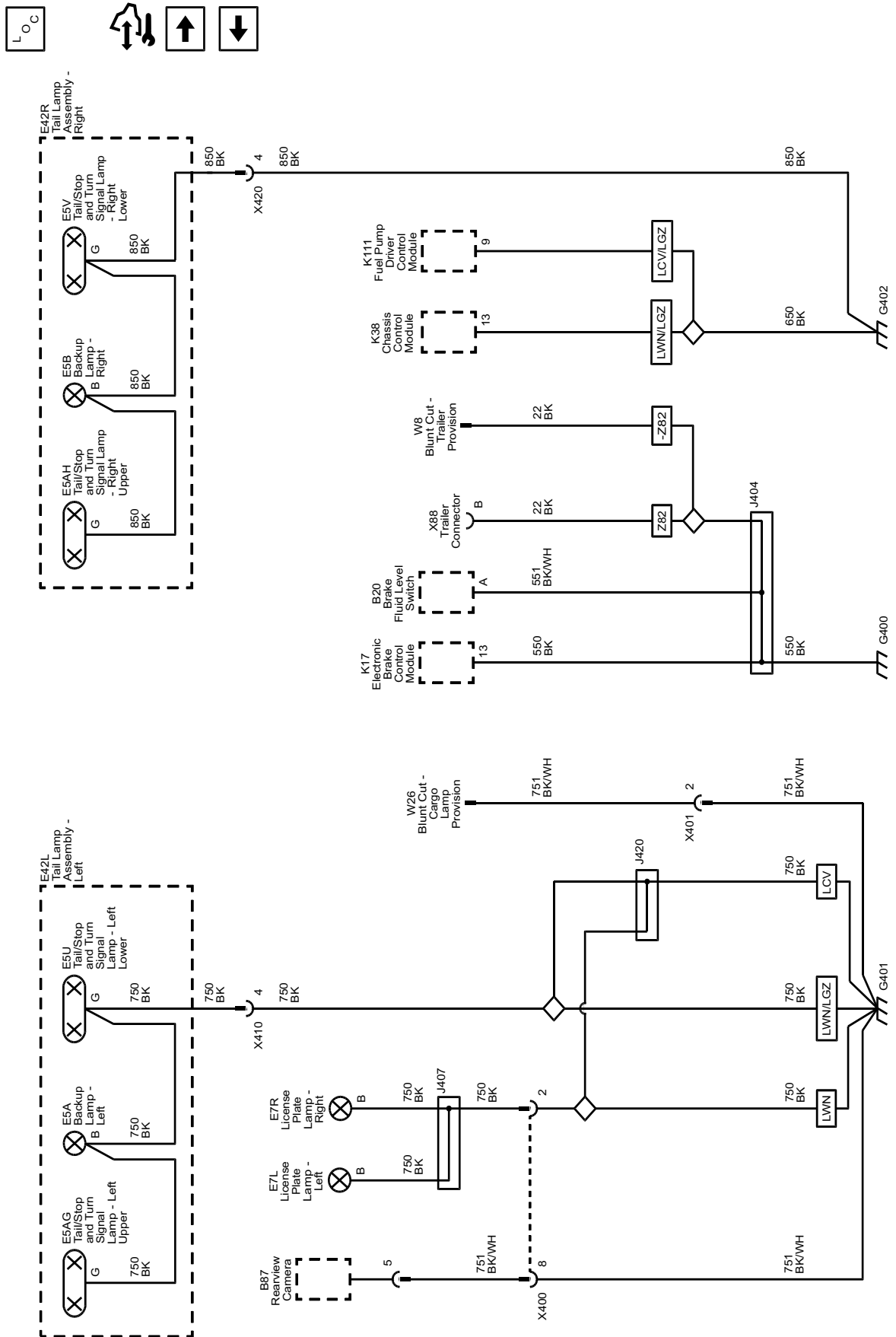
Ground Distribution Schematics (G304)



Ground Distribution Schematics (G306 and G307)

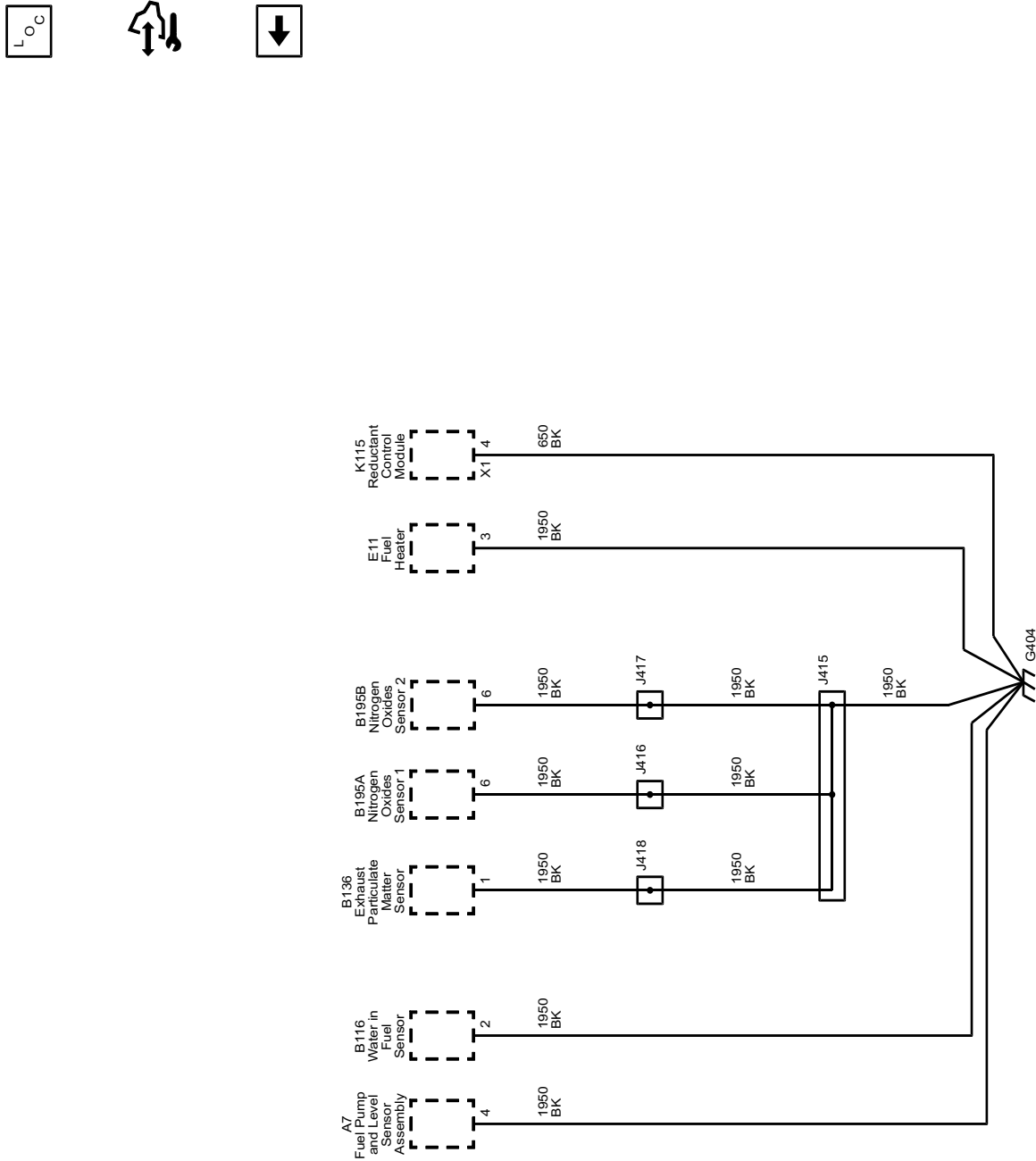


Ground Distribution Schematics (G400, G401, and G402)



4945157

Ground Distribution Schematics (G404 (LWN))



4945158

LOC DESC



Component Locator

Master Electrical Component List

Code	Name	Option	Location	Locator View	Connector End View
A7	Fuel Pump and Level Sensor Assembly	—	Under the vehicle, on top of the fuel tank	Underbody Components (2 of 2)	- A7 Fuel Pump and Level Sensor Assembly (LCV/LGZ) - A7 Fuel Pump and Level Sensor Assembly (LWN)
A9A	Outside Rearview Mirror - Driver	—	Outside the vehicle, at the front of the driver door	- Front of Vehicle Components (Chevrolet/X88) - Front of Vehicle Components (GMC/Z88)	—
A9B	Outside Rearview Mirror - Passenger	—	Outside the vehicle, at the front of the passenger door	- Front of Vehicle Components (Chevrolet/X88) - Front of Vehicle Components (GMC/Z88)	—
A10	Inside Rearview Mirror	—	In the passenger compartment, at the top center of the windshield, behind mirror	- Headliner Components (Crew Cab) - Headliner Components (Extended Cab)	A10 Inside Rearview Mirror
A11	Radio	—	In the passenger compartment, center of the instrument panel, behind the info display module	Behind the Instrument Panel Components	- A11 Radio X1 (IOR) - A11 Radio X1 (IOS/IOT) - A11 Radio X2 ((IOS/IOT)+UQ3) - A11 Radio X2 (IOR+UQ3) - A11 Radio X3 (IOR+U2K) - A11 Radio X3 (IOS/IOT) - A11 Radio X4 (IOR) - A11 Radio X4 (IOS/IOT) - A11 Radio X5 ((IOS/IOT)+UVB) - A11 Radio X5 (IOR) - A11 Radio X6 (IOR) - A11 Radio X6 (IOS/IOT) - A11 Radio X7 (IOS/IOT) - A11 Radio X8 ((IOS/IOT)+U2K)
A16	Transfer Case Motor	NQ6/NQ7	On the underbody, mounted to the bottom rear of the transfer case	Automatic Transmission Components (MYB with NQ6/NQ7)	A16 Transfer Case Motor

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
A22	Radio Controls	—	In the passenger compartment, at the center of the instrument panel, part of the info display module	Front of the Instrument Panel Components	A22 Radio Controls (IOR)
A23D	Door Latch Assembly - Driver	—	In the passenger compartment, at the middle rear of the driver door	Driver Door Components	A23D Door Latch Assembly - Driver
A23G	Door Latch Assembly - Left Rear Lower	Extended Cab	In the passenger compartment, at the lower front of the left rear door	Left Rear Door Components (Extended Cab)	A23G Door Latch Assembly - Left Rear Lower
A23H	Door Latch Assembly - Left Rear Upper	Extended Cab	In the passenger compartment, at the upper front of the left rear door	Left Rear Door Components (Extended Cab)	A23H Door Latch Assembly - Left Rear Upper
A23J	Door Latch Assembly - Right Rear Lower	Extended Cab	In the passenger compartment, at the lower front of the right rear door	Right Rear Door Components (Extended Cab)	A23J Door Latch Assembly - Right Rear Lower
A23K	Door Latch Assembly - Right Rear Upper	Extended Cab	In the passenger compartment, at the upper front of the right rear door	Right Rear Door Components (Extended Cab)	A23K Door Latch Assembly - Right Rear Upper
A23LR	Door Latch Assembly - Left Rear	Crew Cab	In the passenger compartment, at the middle rear of the left rear door	Left Rear Door Components (Crew Cab)	A23LR Door Latch Assembly - Left Rear (Crew Cab)
A23P	Door Latch Assembly - Passenger	—	In the passenger compartment, at the middle rear of the passenger door	Passenger Door Components	A23P Door Latch Assembly - Passenger
A23RR	Door Latch Assembly - Right Rear	Crew Cab	In the passenger compartment, at the middle rear of the right rear door	Right Rear Door Components (Crew Cab)	A23RR Door Latch Assembly - Right Rear
A26	HVAC Controls	—	In the passenger compartment, at the middle center of the instrument panel, below the radio controls	Front of the Instrument Panel Components	A26 HVAC Controls
A38	Reductant Pump and Sensor Assembly	LWN	Outside the vehicle, above the spare tire, mounted on bottom of the reductant tank	Underbody Components (LWN) (5 of 6)	A38 Reductant Pump and Sensor Assembly (LWN)
B1	A/C Refrigerant Pressure Sensor	—	(LCV) In the front of the engine compartment, on the right side of the A/C compressor	- Left Front of the Engine Components (LCV) - Left Front of the Engine Components (LGZ) - Left Front of the Engine Components (LWN)	- B1 A/C Refrigerant Pressure Sensor (LCV/LGZ) - B1 A/C Refrigerant Pressure Sensor (LWN)
B5LF	Wheel Speed Sensor - Left Front	—	Outside the vehicle, in the left front hub assembly	Wheel Well Components	- B5LF Wheel Speed Sensor - Left Front - B5LF Wheel Speed Sensor - Left Front
B5LR	Wheel Speed Sensor - Left Rear	—	Outside the vehicle, in the left rear hub assembly	- Underbody Components (2 of 2) - Wheel Well Components	- B5LR Wheel Speed Sensor - Left Rear - B5LR Wheel Speed Sensor - Left Rear

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
B5RF	Wheel Speed Sensor - Right Front	—	Outside the vehicle, in the right front hub assembly	Wheel Well Components	B5RF Wheel Speed Sensor - Right Front
B5RR	Wheel Speed Sensor - Right Rear	—	Outside the vehicle, in the right rear hub assembly	Wheel Well Components	• B5RR Wheel Speed Sensor - Right Rear • B5RR Wheel Speed Sensor - Right Rear
B7B	Air Temperature Sensor - Duct Lower	C68	In the passenger compartment, in the floor vent of the front console	HVAC Assembly Components	B7B Air Temperature Sensor - Duct Lower
B7F	Air Temperature Sensor - Duct Upper	C68	In the passenger compartment, behind the instrument panel, on the upper left side of the HVAC module	HVAC Assembly Components	B7F Air Temperature Sensor - Duct Upper
B9	Ambient Air Temperature Sensor	—	Outside the vehicle, in the front, behind the bottom center of grille	• Front of Vehicle Components (Chevrolet/X88) • Front of Vehicle Components (GMC/Z88)	B9 Ambient Air Temperature Sensor
B10B	Ambient Light/Sunload Sensor	—	In the passenger compartment, at the top center of the instrument panel, in the defroster deflector	Front of the Instrument Panel Components	B10B Ambient Light/Sunload Sensor
B12A	Transmission Fluid Pressure Switch	MYB	Under the vehicle, inside the automatic transmission, part of the control solenoid valve assembly	—	—
B13	Transmission Fluid Temperature Sensor	MYB	Under the vehicle, inside the automatic transmission, part of the control solenoid valve assembly	—	G13 Generator X1 (LGZ)
B14A	Transmission Output Shaft Speed Sensor	MYB	Under the vehicle, internal to the transmission assembly	Manual Transmission Components (N8D)	B14A Transmission Output Shaft Speed Sensor (N8D)
B14C	Transmission Input Shaft Speed Sensor	MYB	Under the vehicle, internal to the transmission assembly	—	—
B14D	Transmission Intermediate Shaft Speed Sensor	M5T	Internal to the transmission	—	—
B15	Transmission Internal Mode Switch	MYB	Under the vehicle, internal to the transmission assembly	—	B15 Transmission Internal Mode Switch (M5T)
B16	Backup Lamp Switch	N8D	In the engine compartment, on top of the transmission	Manual Transmission Components (N8D)	B16 Backup Lamp Switch
B18	Battery Current Sensor	—	In the engine compartment, on the negative battery cable	Left Side of Engine Compartment Components	B18 Battery Current Sensor
B19B	Brake Booster Vacuum Sensor	—	At the rear of the engine compartment, on the power brake booster vacuum check valve	Left Side of Engine Compartment Components	B19B Brake Booster Vacuum Sensor
B20	Brake Fluid Level Switch	—	At the rear of the engine compartment, on the brake fluid reservoir	Left Side of Engine Compartment Components	B20 Brake Fluid Level Switch

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
B22	Brake Pedal Position Sensor	—	In the passenger compartment, above the brake pedal assembly	- Below Left Side of the Instrument Panel Components (MYB) - Below Left Side of the Instrument Panel Components (N8D)	- B22 Brake Pedal Position Sensor (MYB) - B22 Brake Pedal Position Sensor (N8D)
B23	Camshaft Position Sensor	LWN	In the engine compartment, front of engine, right of center, near intake manifold	Right Bottom of Engine Components (LWN)	B23 Camshaft Position Sensor
B23A	Camshaft Position Sensor - Bank 1 Exhaust	LGZ	In the engine compartment, near front, right of center, above of the bank 1 exhaust camshaft position actuator solenoid valve	—	B23A Camshaft Position Sensor - Bank 1 Exhaust
B23B	Camshaft Position Sensor - Bank 1 Intake	LGZ	In the engine compartment, near front, right of center, left of the bank 1 intake camshaft position actuator solenoid valve	—	B23B Camshaft Position Sensor - Bank 1 Intake
B23C	Camshaft Position Sensor - Bank 2 Exhaust	LGZ	In the engine compartment, near front, left of center, above of the bank 2 exhaust camshaft position actuator solenoid valve	—	B23C Camshaft Position Sensor - Bank 2 Exhaust
B23D	Camshaft Position Sensor - Bank 2 Intake	LGZ	In the engine compartment, near front, left of center, right of the bank 2 intake camshaft position actuator solenoid valve	—	B23D Camshaft Position Sensor - Bank 2 Intake
B23E	Camshaft Position Sensor - Exhaust	LCV	In the engine compartment, rear left of center, mounted to cylinder head, on left side	Left Front of the Engine Components (LCV)	B23E Camshaft Position Sensor - Exhaust
B23F	Camshaft Position Sensor - Intake	LCV	In the engine compartment, rear right of center, mounted to cylinder head, on right lower side	Right Rear of Engine Components (LCV)	B23F Camshaft Position Sensor - Intake
B24LF	Mobile Telephone Microphone - Left Front	—	In the passenger compartment, on the front center of the headliner, in the left side of the overhead console	- Headliner Components (Crew Cab) - Headliner Components (Extended Cab)	B24LF Mobile Telephone Microphone - Left Front
B24RF	Mobile Telephone Microphone - Right Front	—	In the passenger compartment, on the front center of the headliner, in the right side of the overhead console	- Headliner Components (Crew Cab) - Headliner Components (Extended Cab)	B24RF Mobile Telephone Microphone - Right Front
B25B	Clutch Pedal Position Sensor	N8D	In the passenger compartment, under the driver side of the instrument panel, above the clutch pedal	Below Left Side of the Instrument Panel Components (N8D)	B25B Clutch Pedal Position Sensor

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
B26	Crankshaft Position Sensor	—	(LCV) In the engine compartment, right of center, near rear, mounted to right side of engine block	• Left Front of the Engine Components (LWN) • Right Bottom of Engine Components (LCV) • Right Bottom of Engine Components (LGZ)	• B26 Crankshaft Position Sensor (LCV/LWN) • B26 Crankshaft Position Sensor (LGZ)
B34	Engine Coolant Temperature Sensor	—	(LCV) In the engine compartment, rear center, mounted to coolant outlet at rear of cylinder head	• Left Side of Engine Components (LWN) • Right Rear of Engine Components (LCV)	• B34 Engine Coolant Temperature Sensor (LCV) • B34 Engine Coolant Temperature Sensor (LWN)
B35	Engine Oil Level Switch	—	(LCV) In the engine compartment, near middle, mounted to right side of oil pan	• Right Bottom of Engine Components (LWN) • Right Rear of Engine Components (LCV)	• B35 Engine Oil Level Switch (LCV) • B35 Engine Oil Level Switch (LGZ) • B35 Engine Oil Level Switch (LWN)
B37B	Engine Oil Pressure Sensor	—	(LCV) In the engine compartment, near middle, mounted to right side of engine block	• Left Front of the Engine Components (LGZ) • Right Bottom of Engine Components (LCV) • Right Bottom of Engine Components (LWN)	• B37B Engine Oil Pressure Sensor (LCV) • B37B Engine Oil Pressure Sensor (LGZ/LWN)
B39	A/C Evaporator Temperature Sensor	—	In the passenger compartment, on HVAC module, behind the instrument panel	HVAC Assembly Components	B39 A/C Evaporator Temperature Sensor
B46	Fuel Level Sensor	—	Under the vehicle, inside the fuel tank, part of the fuel pump and level sensor assembly	—	—
B47	Fuel Pressure Sensor	LCV/LGZ	On the vehicle underbody, on the fuel line, next to the electronic brake control module	• Chassis Components (Crew Cab) • Chassis Components (Extended Cab) • Chassis Underbody Components (Extended Cab)	B47 Fuel Pressure Sensor
B47B	Fuel Rail Pressure Sensor	LWN	In the engine compartment, left rear of engine, on fuel rail	Right Rear of Engine Components (LWN)	B47B Fuel Rail Pressure Sensor

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
B52A	Heated Oxygen Sensor 1	LCV	In the engine compartment, left of center, in the exhaust manifold	<i>Left Front of the Engine Components (LCV)</i>	<i>B52A Heated Oxygen Sensor 1 (LCV)</i>
B52B	Heated Oxygen Sensor 2	LCV	In the engine compartment, rear, left of center, mounted to catalytic converter, near transmission	<i>Left Front of the Engine Components (LCV)</i>	<i>B52B Heated Oxygen Sensor 2</i>
B52C	Heated Oxygen Sensor - Bank 1 Sensor 1	LGZ	In the engine compartment, right of center, near rear, on exhaust pipe, before the catalytic converter	<i>Right Rear of Engine Components (LGZ)</i>	<i>B52C Heated Oxygen Sensor Bank 1 Sensor 1 (LGZ)</i>
B52D	Heated Oxygen Sensor - Bank 1 Sensor 2	LGZ	In the engine compartment, right of center, rear, on exhaust pipe, after the catalytic converter	<i>Right Rear of Engine Components (LGZ)</i>	<i>B52D Heated Oxygen Sensor - Bank 1 Sensor 2</i>
B52E	Heated Oxygen Sensor - Bank 2 Sensor 1	LGZ	In the engine compartment, left of center, near rear, on exhaust pipe, before the catalytic converter	<i>Left Front of the Engine Components (LGZ)</i>	<i>B52E Heated Oxygen Sensor - Bank 2 Sensor 1</i>
B52F	Heated Oxygen Sensor - Bank 2 Sensor 2	LGZ	In the engine compartment, left of center, rear, on exhaust pipe, after the catalytic converter	<i>Right Rear of Engine Components (LGZ)</i>	<i>B52F Heated Oxygen Sensor - Bank 2 Sensor 2</i>
B55	Engine Hood Switch	UTJ	In the front of the engine compartment, part of the hood latch	<i>Left Front of Engine Compartment Components</i>	• B55 Engine Hood Switch (ULV) • B55 Engine Hood Switch (-ULV)
B59L	Front Impact Sensor - Left	—	In the engine compartment, lower left front of the radiator support	<i>Left Front of Engine Compartment Components</i>	<i>B59L Front Impact Sensor - Left</i>
B59R	Front Impact Sensor - Right	—	In the engine compartment, lower right front of the radiator support	<i>Right Front of Engine Compartment Components</i>	<i>B59R Front Impact Sensor - Right</i>
B60	Passenger Presence Sensor	—	In the passenger compartment, under the passenger seat cushion, part of the passenger presence module	—	—
B61P	Seat Belt Tension Sensor - Passenger	—	In the passenger compartment, part of the passenger seat belt buckle	—	<i>B61P Seat Belt Tension Sensor - Passenger</i>
B63LF	Side Impact Sensor - Left Front	—	In the driver door, behind the trim panel, toward the rear of the door	<i>Driver Door Components</i>	<i>B63LF Side Impact Sensor - Left Front</i>
B63LR	Side Impact Sensor - Left Rear	—	In the left rear door, behind the trim panel, toward the rear of the door	• Left Passenger Components (Crew Cab) • Left Passenger Components (Extended Cab)	<i>B63LR Side Impact Sensor - Left Rear</i>
B63RF	Side Impact Sensor - Right Front	—	In the passenger door, behind the trim panel, toward the rear of the door	<i>Passenger Door Components</i>	<i>B63RF Side Impact Sensor - Right Front</i>
B63RR	Side Impact Sensor - Right Rear	—	In the right rear door, behind the trim panel, toward the rear of the door	• Right Passenger Components (Crew Cab) • Right Passenger Components (Extended Cab)	<i>B63RR Side Impact Sensor - Right Rear</i>

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
B65	Intake Manifold Pressure and Air Temperature Sensor	LWN	In the engine compartment, left of center, mounted to top of intake manifold	<i>Top of Engine Components (LWN)</i>	<i>B65 Intake Manifold Pressure and Air Temperature Sensor</i>
B68A	Knock Sensor 1	LCV/LGZ	In the engine compartment, right of center, mounted to right side of engine block	• <i>Right Bottom of Engine Components (LCV)</i> • <i>Right Bottom of Engine Components (LGZ)</i>	<i>B68A Knock Sensor 1</i>
B68B	Knock Sensor 2	—	(LCV) In the engine compartment, mounted to right side of engine block	<i>Right Bottom of Engine Components (LCV)</i>	<i>B68B Knock Sensor 2</i>
B74	Manifold Absolute Pressure Sensor	—	(LCV) In the engine compartment, mounted to right side of intake manifold	• <i>Left Front of the Engine Components (LGZ)</i> • <i>Right Bottom of Engine Components (LCV)</i> • <i>Right Rear of Engine Components (LGZ)</i>	• <i>B74 Manifold Absolute Pressure Sensor (LCV)</i> • <i>B74 Manifold Absolute Pressure Sensor (LGZ)</i>
B75C	Multifunction Intake Air Sensor	LCV/LGZ/LWN	Right side of the engine compartment, in the air intake duct	• <i>Right Rear of Engine Components (LCV)</i> • <i>Right Rear of Engine Components (LGZ)</i> • <i>Right Rear of Engine Components (LWN)</i>	<i>B75C Multifunction Intake Air Sensor</i>
B80	Park Brake Switch	—	In the passenger compartment, at the left side of the Driver Footwell	• <i>Below Left Side of the Instrument Panel Components (MYB)</i> • <i>Below Left Side of the Instrument Panel Components (N8D)</i> • <i>Left Passenger Components (Crew Cab)</i>	<i>B80 Park Brake Switch</i>
B81B	Park Position Switch	MYB	In the passenger compartment, center near front, on shift lever within floor console	—	—
B87	Rearview Camera	UVC	In the lower center of the tailgate handle assembly	<i>Rear of Vehicle Components</i>	• <i>B87 Rearview Camera (UVB)</i> • <i>B87 Rearview Camera (UVC+IOR)</i>

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
B88D	Seat Belt Switch - Driver	—	In the passenger compartment, on the side of the driver seat cushion, part of the driver seat belt buckle	<i>Driver Seat Components</i>	—
B88P	Seat Belt Switch - Passenger	—	In the passenger compartment, on the side of the passenger seat cushion, part of the passenger front seat belt buckle	<i>Passenger Seat Components</i>	—
B107	Accelerator Pedal Position Sensor	—	In the passenger compartment, on the driver floor board above the accelerator pedal	- Below Left Side of the Instrument Panel Components (MYB) - Below Left Side of the Instrument Panel Components (N8D)	<i>B107 Accelerator Pedal Position Sensor</i>
B115	Vehicle Speed Sensor	NQ6/NQ7	Under Vehicle on Transfer Case	<i>Automatic Transmission Components (MYB with NQ6/NQ7)</i>	<i>B115 Vehicle Speed Sensor (NQ6/NQ7)</i>
B116	Water in Fuel Sensor	LWN	On the underbody, along the inboard side of the left frame rail, mounted to the fuel filter assembly	<i>Underbody Components (LWN) (3 of 6)</i>	<i>B116 Water in Fuel Sensor</i>
B118	Windshield Washer Fluid Level Sensor	—	In the engine compartment, at the right front corner	—	<i>B118 Windshield Washer Fluid Level Sensor</i>
B130A	Exhaust Gas Recirculation Temperature Sensor 1	LWN	In the engine compartment, right front of engine, attached to the exhaust manifold at cylinder 1	<i>Right Rear of Engine Components (LWN)</i>	<i>B130A Exhaust Gas Recirculation Temperature Sensor 1</i>
B130B	Exhaust Gas Recirculation Temperature Sensor 2	LWN	In the engine compartment, left rear of engine, attached to the cylinder head at cylinder 4	<i>Right Rear of Engine Components (LWN)</i>	<i>B130B Exhaust Gas Recirculation Temperature Sensor 2</i>
B131A	Exhaust Temperature Sensor 1	LWN	In the engine compartment, right rear, mounted to the inlet side of the catalytic converter	<i>Right Rear of Engine Components (LWN)</i>	<i>B131A Exhaust Temperature Sensor 1</i>
B131B	Exhaust Temperature Sensor 2	LWN	In the engine compartment, right rear, mounted to the outlet side of the catalytic converter	<i>Right Rear of Engine Components (LWN)</i>	<i>B131B Exhaust Temperature Sensor 2</i>
B131C	Exhaust Temperature Sensor 3	LWN	On the underbody, right, mounted to the outlet side of the nitrogen oxides catalytic converter	<i>Underbody Components (LWN) (2 of 6)</i>	<i>B131C Exhaust Temperature Sensor 3</i>
B131D	Exhaust Temperature Sensor 4	LWN	On the underbody, inboard side of the right frame rail, mounted to the exhaust particulate filter	<i>Underbody Components (LWN) (2 of 6)</i>	<i>B131D Exhaust Temperature Sensor 4</i>
B131E	Exhaust Temperature Sensor 5	LWN	On the underbody, inboard side of the right frame rail, rear of the exhaust particulate filter, mounted to the exhaust pipe	<i>Underbody Components (LWN) (2 of 6)</i>	<i>B131E Exhaust Temperature Sensor 5</i>

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
B136	Exhaust Particulate Matter Sensor	LWN	On the underbody, mounted to the inboard side of the right frame rail, forward of the right rear shock	<i>Underbody Components (LWN) (4 of 6)</i>	<i>B136 Exhaust Particulate Matter Sensor</i>
B137	Power Steering Shaft Torque Sensor	—	In the engine compartment, lower left, part of power steering rack assembly	—	<i>B137 Power Steering Shaft Torque Sensor</i>
B150	Fuel Tank Pressure Sensor	LCV/LGZ	On the underbody, mounted to the fuel pump and level sensor assembly	• Chassis Components (Crew Cab) • Chassis Components (Extended Cab) • Underbody Components (2 of 2)	<i>B150 Fuel Tank Pressure Sensor</i>
B153D	Seat Belt Buckle - Driver	—	In the passenger compartment, at the inboard of the driver seat	—	<i>B153D Seat Belt Buckle - Driver</i>
B153P	Seat Belt Buckle - Passenger	—	In the passenger compartment, at the inboard of the passenger seat	—	<i>B153P Seat Belt Buckle - Passenger</i>
B154	Diesel Particulate Filter Exhaust Differential Pressure Sensor	LWN	On the underbody, mounted to the underside of the bed, above the right frame rail, forward of the right rear shock	<i>Underbody Components (LWN) (4 of 6)</i>	<i>B154 Diesel Particulate Filter Exhaust Differential Pressure Sensor</i>
B160	Windshield Temperature and Inside Moisture Sensor	C68	In the passenger compartment, behind the inside rearview mirror, near the windshield	• Headliner Components (Crew Cab) • Headliner Components (Extended Cab)	<i>B160 Windshield Temperature and Inside Moisture Sensor</i>
B174W	Frontview Camera - Windshield	UFL/UEU	In the passenger compartment, at the top center of the windshield	• Headliner Components (Crew Cab) • Headliner Components (Extended Cab)	<i>B174W Frontview Camera - Windshield</i>
B193A	Charge Air Cooler Inlet Temperature Sensor	LWN	In the engine compartment, right front of engine, attached to the charge air cooler inlet duct	<i>Right Rear of Engine Components (LWN)</i>	<i>B193A Charge Air Cooler Inlet Temperature Sensor</i>
B193B	Charge Air Cooler Outlet Temperature Sensor	LWN	In the engine compartment, left front of engine, attached to the charge air cooler outlet duct	<i>Left Side of Engine Components (LWN)</i>	<i>B193B Charge Air Cooler Outlet Temperature Sensor</i>
B194	Reductant Pressure Sensor	LWN	Internal to the reductant fluid reservoir assembly	—	—
B195A	Nitrogen Oxides Sensor 1	LWN	In the engine compartment, right rear, mounted near the top of the catalytic converter	<i>Right Rear of Engine Components (LWN)</i>	<i>B195A Nitrogen Oxides Sensor 1</i>
B195B	Nitrogen Oxides Sensor 2	LWN	On the underbody, right, mounted to the outlet side of the nitrogen oxides catalytic converter	<i>Underbody Components (LWN) (2 of 6)</i>	<i>B195B Nitrogen Oxides Sensor 2</i>
B203	Radiator Coolant Temperature Sensor	LCV	In the engine compartment, lower left corner of radiator	<i>Radiator Assembly Components</i>	<i>B203 Radiator Coolant Temperature Sensor</i>

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
B213	Reductant Level Sensor	LWN	Internal to the reductant fluid reservoir assembly	<i>Underbody Components (LWN) (5 of 6)</i>	—
B214	Reductant Temperature Sensor	LWN	Internal to the reductant fluid reservoir assembly	—	—
B227	Gear Position Sensor	NQ6	Under the vehicle, on the top rear of the transfer case	<i>Automatic Transmission Components (MYB with NQ6/NQ7)</i>	<i>B227 Gear Position Sensor</i>
B306E	Parking Assist Sensor - Rear Left Outer	—	On the rear fascia, on the left side of the vehicle	—	<i>B306E Parking Assist Sensor - Rear Left Outer</i>
B306F	Parking Assist Sensor - Rear Left Middle	—	On the rear fascia, just to the left of the license plate	—	<i>B306F Parking Assist Sensor - Rear Left Middle</i>
B306G	Parking Assist Sensor - Rear Right Middle	—	On the rear fascia, just to the right of the license plate	—	<i>B306G Parking Assist Sensor - Rear Right Middle</i>
B306H	Parking Assist Sensor - Rear Right Outer	—	On the rear fascia, on the right side of the vehicle	—	<i>B306H Parking Assist Sensor - Rear Right Outer</i>
B310	Fuel Pressure/ Temperature Sensor	LGZ/LCV	(LCV) In the engine compartment, near center, rear of cylinder head, on the fuel rail	<i>Right Top of Engine Components (LCV)</i>	<i>B310 Fuel Pressure/ Temperature Sensor (LGZ/LCV)</i>
C1	Battery	—	In the engine compartment, on the left side, near the underhood fuse block on battery negative cable	<i>Left Side of Engine Compartment Components</i>	• C1 Battery X2 • C1 Battery X3
E4AC	Park/Daytime Running Lamp - Left	Z88	Outside of the vehicle, at the left front of the vehicle, in the headlamp assembly	<i>Front of Vehicle Components (GMC/ Z88)</i>	—
E4AD	Park/Daytime Running Lamp - Right	Z88	Outside of the vehicle, at the right front of the vehicle, in the headlamp assembly	<i>Front of Vehicle Components (GMC/ Z88)</i>	—
E4AL	Park/Daytime Running Lamp - Left Lower	Z88	Outside of the vehicle, front left, in the headlamp assembly	<i>Front of Vehicle Components (GMC/ Z88)</i>	—
E4AM	Park/Daytime Running Lamp - Right Lower	Z88	Outside of the vehicle, front right, in the headlamp assembly	<i>Front of Vehicle Components (GMC/ Z88)</i>	—
E4E	Headlamp - Left High Beam	—	Outside of the vehicle, at the left front of the vehicle, in the headlamp assembly	• <i>Front of Vehicle Components (Chevrolet/X88)</i> • <i>Front of Vehicle Components (GMC/Z88)</i>	<i>E4E Headlamp - Left High Beam</i>
E4F	Headlamp - Right High Beam	—	Outside of the vehicle, at the right front of the vehicle, in the headlamp assembly	• <i>Front of Vehicle Components (Chevrolet/X88)</i> • <i>Front of Vehicle Components (GMC/Z88)</i>	<i>E4E Headlamp - Left High Beam</i>
E4G	Headlamp - Left Low Beam	—	Outside of the vehicle, at the left front of the vehicle, in the headlamp assembly	• <i>Front of Vehicle Components (Chevrolet/X88)</i> • <i>Front of Vehicle Components (GMC/Z88)</i>	<i>E4G Headlamp - Left Low Beam</i>

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
E4H	Headlamp - Right Low Beam	—	Outside of the vehicle, at the right front of the vehicle, in the headlamp assembly	• Front of Vehicle Components (Chevrolet/X88) • Front of Vehicle Components (GMC/Z88)	E4H Headlamp - Right Low Beam
E4J	Park Lamp - Left Front	X88	Outside of the vehicle, at the left front of the vehicle, in the headlamp assembly	Front of Vehicle Components (Chevrolet/X88)	E4J Park Lamp - Left Front
E4K	Park Lamp - Right Front	X88	Outside of the vehicle, at the right front of the vehicle, in the headlamp assembly	Front of Vehicle Components (Chevrolet/X88)	E4K Park Lamp - Right Front (X88)
E4N	Park/Turn Signal Lamp - Left	—	Outside of the vehicle, at the left front of the vehicle, in the headlamp assembly	• Front of Vehicle Components (Chevrolet/X88) • Front of Vehicle Components (GMC/Z88)	E4N Park/Turn Signal Lamp - Left
E4P	Park/Turn Signal Lamp - Right	—	Outside of the vehicle, at the right front of the vehicle, in the headlamp assembly	• Front of Vehicle Components (Chevrolet/X88) • Front of Vehicle Components (GMC/Z88)	E4P Park/Turn Signal Lamp - Right
E5A	Backup Lamp - Left	—	Outside of the vehicle, at the left rear corner of the vehicle, part of the left tail lamp assembly	Rear of Vehicle Components	E5A Backup Lamp - Left
E5AG	Tail/Stop and Turn Signal Lamp - Left Upper	—	Outside of the vehicle, at the left rear corner of the vehicle, part of the left tail lamp assembly	Rear of Vehicle Components	E5AG Tail/Stop and Turn Signal Lamp - Left Upper
E5AH	Tail/Stop and Turn Signal Lamp - Right Upper	—	Outside of the vehicle, at the right rear corner of the vehicle, part of the right tail lamp assembly	Rear of Vehicle Components	E5AH Tail/Stop and Turn Signal Lamp - Right Upper
E5B	Backup Lamp - Right	—	Outside of the vehicle, at the right rear corner of the vehicle, part of the right tail lamp assembly	Rear of Vehicle Components	E5B Backup Lamp - Right
E5U	Tail/Stop and Turn Signal Lamp - Left Lower	—	Outside of the vehicle, at the left rear corner of the vehicle, part of the left tail lamp assembly	Rear of Vehicle Components	E5U Tail/Stop and Turn Signal Lamp - Left Lower
E5V	Tail/Stop and Turn Signal Lamp - Right Lower	—	Outside of the vehicle, at the right rear corner of the vehicle, part of the right tail lamp assembly	Rear of Vehicle Components	E5V Tail/Stop and Turn Signal Lamp - Right Lower
E6	Center High Mounted Stop Lamp	—	Outside of the vehicle, at the rear center of the roof	Rear of Vehicle Components	—
E7L	License Plate Lamp - Left	—	Outside of the vehicle, at the rear center of the vehicle	Rear of Vehicle Components	E7L License Plate Lamp - Left
E7R	License Plate Lamp - Right	—	Outside of the vehicle, at the rear center of the vehicle	Rear of Vehicle Components	E7R License Plate Lamp - Right
E11	Fuel Heater	LWN	On the underbody, along the inboard side of the left frame rail, mounted to the fuel filter assembly	Underbody Components (LWN) (3 of 6)	E11 Fuel Heater

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
E12A	Glow Plug 1	LWN	In the engine compartment, at the top left side of the engine at number 1 cylinder	Top of Engine Components (LWN)	E12A Glow Plug 1
E12B	Glow Plug 2	LWN	In the engine compartment, at the top left side of the engine at number 2 cylinder	Top of Engine Components (LWN)	E12B Glow Plug 2 (LWN)
E12C	Glow Plug 3	LWN	In the engine compartment, at the top left side of the engine at number 3 cylinder	Top of Engine Components (LWN)	E12C Glow Plug 3 (LWN)
E12D	Glow Plug 4	LWN	In the engine compartment, at the top left side of the engine at number 4 cylinder	Top of Engine Components (LWN)	E12D Glow Plug 4 (LWN)
E13LA	Headlamp Assembly - Left	—	Outside of the vehicle, at the front left of the vehicle	- Front of Vehicle Components (Chevrolet/X88) - Front of Vehicle Components (GMC/Z88)	—
E13RA	Headlamp Assembly - Right	—	Outside of the vehicle, at the front right of the vehicle	- Front of Vehicle Components (Chevrolet/X88) - Front of Vehicle Components (GMC/Z88)	—
E14A	Seat Heating Element - Driver Back	KA1	In the passenger compartment, in the driver seat back	Driver Seat Components	E14A Seat Heating Element - Driver Back (KA1)
E14B	Seat Heating Element - Driver Cushion	KA1	In the passenger compartment, in the driver seat cushion	Driver Seat Components	E14B Seat Heating Element - Driver Cushion (KA1)
E14C	Seat Heating Element - Passenger Back	KA1	In the passenger compartment, in the passenger seat back	Passenger Seat Components	E14C Seat Heating Element - Passenger Back (KA1)
E14D	Seat Heating Element - Passenger Cushion	KA1	In the passenger compartment, in the passenger seat cushion	- Passenger Seat Components - Passenger Seat Components	E14D Seat Heating Element - Passenger Cushion (KA1)
E15	Steering Wheel Heater	UVD	In the passenger compartment, on the steering wheel	—	E15 Steering Wheel Heater
E17D	Outside Rearview Mirror Glass - Driver	DL9	Outside of the vehicle, on the driver door, part of outside rearview mirror	—	—
E17P	Outside Rearview Mirror Glass - Passenger	DL9	Outside of the vehicle, on the front passenger door, part of outside rearview mirror	—	—
E18C	Rear Defogger Grid	C49	At the rear of the passenger compartment, Center of the rear window glass	Rear of Vehicle Components	—
E18L	Rear Defogger Grid - Left	C49	At the rear of the passenger compartment, left side of the rear window glass	Rear of Vehicle Components	E18L Rear Defogger Grid - Left X2

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
E18R	Rear Defogger Grid - Right	C49	At the rear of the passenger compartment, right side of the rear window glass	Rear of Vehicle Components	- E18R Rear Defogger Grid X1 - E18R Rear Defogger Grid X2
E29LF	Fog Lamp - Left Front	T3U	At the left front corner of the vehicle, below the left headlamp assembly	- Front of Vehicle Components (Chevrolet/X88) - Front of Vehicle Components (GMC/Z88)	- E29LF Fog Lamp - Left Front (ULV) - E29LF Fog Lamp - Left Front (-ULV)
E29RF	Fog Lamp - Right Front	T3U	At the right front corner of the vehicle, below the right headlamp assembly	- Front of Vehicle Components (Chevrolet/X88) - Front of Vehicle Components (GMC/Z88)	- E29RF Fog Lamp - Right Front (ULV) - E29RF Fog Lamp - Right Front (-ULV)
E31L	Sunshade Mirror Lamp - Left	D6I	In the passenger compartment, part of the left sunshade	- Headliner Components (Crew Cab) - Headliner Components (Extended Cab)	E31L Sunshade Mirror Lamp - Left
E31R	Sunshade Mirror Lamp - Right	D6I	In the passenger compartment, part of the right sunshade	- Headliner Components (Crew Cab) - Headliner Components (Extended Cab)	E31R Sunshade Mirror Lamp - Right
E32	Cigarette Lighter Receptacle	SAO	In the passenger compartment, at the forward right on the center console. Dealer installed accessory replaces the accessory power receptacle - center console 1	—	E32 Cigarette Lighter Receptacle (SAO)
E33L	Cargo Lamp - Left	—	Outside of the vehicle, at the rear center of the roof, part of the center high mounted stop lamp	Rear of Vehicle Components	E33L Cargo Lamp - Left (S0Y)
E33R	Cargo Lamp - Right	—	Outside of the vehicle, at the rear center of the roof, part of the center high mounted stop lamp	Rear of Vehicle Components	E33R Cargo Lamp - Right (S0Y)
E36AH	Dome Lamp	—	In the passenger compartment, in the headliner, part of the headliner console	—	E36AH Dome Lamp (TCA)
E37F	Dome/Reading Lamps - Front	C74	In the passenger compartment, in the headliner, part of the headliner console	- Headliner Components (Crew Cab) - Headliner Components (Extended Cab)	E37F Dome/Reading Lamps - Front
E37R	Dome/Reading Lamps - Rear	—	In the passenger compartment, on the roof, above the second row seating	- Headliner Components (Crew Cab) - Headliner Components (Extended Cab)	E37R Dome/Reading Lamps - Rear

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
E40	Electrical Auxiliary Heater	LWN	In the passenger compartment, center of instrument panel, attached to HVAC assembly	HVAC Assembly Bottom Components (LWN)	- E40 Electrical Auxiliary Heater X1 - E40 Electrical Auxiliary Heater X2 (LWN)
E41	Engine Coolant Thermostat Heater	LCV	In the engine compartment, left front of the engine, on the thermostat housing	Left Front of the Engine Components (LCV)	E41 Engine Coolant Thermostat Heater
E42L	Tail Lamp Assembly - Left	—	Outside of the vehicle, at the left rear corner of the vehicle	Rear of Vehicle Components	—
E42R	Tail Lamp Assembly - Right	—	Outside of the vehicle, at the right rear corner of the vehicle	Rear of Vehicle Components	—
E45	Positive Crank-case Ventilation Heater	LWN	In the engine compartment, front right of the engine, forward of the turbocharger	Right Bottom of Engine Components (LWN)	E45 Positive Crank-case Ventilation Heater
E52	Reductant Line Heater	LWN	Outside the vehicle, above the spare tire, attached to the reductant fluid inlet line near the reductant pump and sensor assembly	Underbody Components (LWN) (5 of 6)	E52 Reductant Line Heater (LWN)
E53	Reductant Tank Heater	LWN	Internal to the reductant fluid reservoir assembly	Underbody Components (LWN) (5 of 6)	—
F101	Passenger Instrument Panel Air Bag	—	In the passenger compartment, at the top of the passenger side of the instrument panel	Behind the Instrument Panel Components	- F101 Passenger Instrument Panel Air Bag X1 - F101 Passenger Instrument Panel Air Bag X2 - F101 Passenger Instrument Panel Air Bag X3
F105L	Roof Rail Air Bag - Left	—	In the passenger compartment, along the left roof rail, above headliner at door openings	- Left Passenger Components (Crew Cab) - Left Passenger Components (Extended Cab)	F105L Roof Rail Air Bag - Left
F105R	Roof Rail Air Bag - Right	—	In the passenger compartment, along the right roof rail, above headliner at door openings	- Right Passenger Components (Crew Cab) - Right Passenger Components (Extended Cab)	F105R Roof Rail Air Bag - Right
F106D	Seat Side Air Bag - Driver	—	In the passenger compartment, on the left side of the left front seat back	Driver Seat Components	F106D Seat Side Air Bag - Driver
F106P	Seat Side Air Bag - Passenger	—	In the passenger compartment, on the right side of the right front seat back	Passenger Seat Components	F106P Seat Side Air Bag - Passenger
F107	Steering Wheel Air Bag	—	In the passenger compartment, in the center of the steering wheel	Steering Column Components	- F107 Steering Wheel Air Bag X1 - F107 Steering Wheel Air Bag X2

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
F112D	Seat Belt Retractor Pretensioner - Driver	—	(Crew Cab) In the passenger compartment, at the base of the left B-pillar	- Left Passenger Components (Crew Cab) - Left Rear Door Components (Extended Cab)	- F112D Seat Belt Retractor Pretensioner - Driver (Crew Cab) - F112D Seat Belt Retractor Pretensioner - Driver (Extended Cab)
F112P	Seat Belt Retractor Pretensioner - Passenger	—	(Crew Cab) In the passenger compartment, at the base of the right B-pillar	- Right Passenger Components (Crew Cab) - Right Rear Door Components (Extended Cab)	- F112P Seat Belt Retractor Pretensioner - Passenger (Crew Cab) - F112P Seat Belt Retractor Pretensioner - Passenger (Extended Cab)
F113D	Seat Belt Anchor Pretensioner - Driver	—	(Crew Cab) In the passenger compartment, between driver seat and center console, attached to driver seat	- Driver Seat Components - Left Rear Door Components (Extended Cab)	F113D Seat Belt Anchor Pretensioner - Driver
F113P	Seat Belt Anchor Pretensioner - Passenger	—	(Crew Cab) In the passenger compartment, between passenger seat and center console, attached to passenger seat	- Passenger Seat Components - Right Rear Door Components (Extended Cab)	F113P Seat Belt Anchor Pretensioner - Passenger
G1	A/C Compressor	—	In the engine compartment, mounted on the lower left front of the engine	- Left Front of the Engine Components (LCV) - Left Front of the Engine Components (LWN)	—
G10	Cooling Fan Motor	—	At the front of the engine compartment, in the center of the fan assembly, part of fan control module	—	G10 Cooling Fan Motor (LCV/LGZ)
G12	Fuel Pump	—	Under the vehicle, in the fuel tank, part of the fuel pump and level sensor assembly	—	—
G13	Generator	—	(LCV/LWN) In the engine compartment, at the top left front of the engine	- Left Front of the Engine Components (LGZ) - Left Front of the Engine Components (LWN) - Right Rear of Engine Components (LCV) - Right Rear of Engine Components (LGZ)	- G13 Generator X1 (LCV) - G13 Generator X1 (LWN) - G13 Generator X2 (LCV) - G13 Generator X2 (LGZ) - G13 Generator X2 (LWN)

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
G18	High Pressure Fuel Pump	—	(LCV) In the engine compartment, right of center, near rear, mounted to right side of cylinder head	• <i>Right Rear of Engine Components (LCV)</i> • <i>Right Rear of Engine Components (LGZ)</i>	<i>G18 High Pressure Fuel Pump</i>
G24	Windshield Washer Pump	—	In the engine compartment, attached to the washer fluid reservoir	<i>Left Front of Engine Compartment Components</i>	<i>G24 Windshield Washer Pump</i>
G33	Reductant Pump	LWN	Internal to the reductant fluid reservoir assembly	—	—
K8	Blower Motor Control Module	—	In the passenger compartment, part of the blower motor	<i>HVAC Assembly Components</i>	<i>K8 Blower Motor Control Module</i>
K9	Body Control Module	—	In the passenger compartment, behind the left side of the instrument panel knee bolster	• <i>Behind the Instrument Panel Components</i> • <i>Left Passenger Components (Crew Cab)</i> • <i>Left Passenger Components (Extended Cab)</i>	• <i>K9 Body Control Module X1</i> • <i>K9 Body Control Module X2</i> • <i>K9 Body Control Module X3</i> • <i>K9 Body Control Module X4</i> • <i>K9 Body Control Module X5</i> • <i>K9 Body Control Module X6</i> • <i>K9 Body Control Module X7</i>
K17	Electronic Brake Control Module	—	On vehicle underbody, driver side, under driver seat area on the frame	• <i>Chassis Components (Crew Cab)</i> • <i>Chassis Components (Extended Cab)</i> • <i>Chassis Underbody Components (Extended Cab)</i>	<i>K17 Electronic Brake Control Module</i>

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
K20	Engine Control Module	—	In the engine compartment, to the right of the engine, under the coolant reservoir	<i>Right Rear of Engine Compartment Components</i>	• K20 Engine Control Module X1 (LCV) • K20 Engine Control Module X1 (LGZ) • K20 Engine Control Module X1 (LWN) • K20 Engine Control Module X2 (LCV) • K20 Engine Control Module X2 (LGZ) • K20 Engine Control Module X2 (LWN) • K20 Engine Control Module X3 (LCV) • K20 Engine Control Module X3 (LGZ) • K20 Engine Control Module X3 (LWN)
K22	Cooling Fan Control Module	LCV/LGZ	In the engine compartment, forward of the engine, near radiator	<i>Radiator Assembly Components</i>	K22 Cooling Fan Control Module
K29	Seat Heating Control Module	KA1	In the passenger compartment, under the front of the passenger seat	<i>Passenger Seat Components</i>	• K29 Seat Heating Control Module X1 (KA1) • K29 Seat Heating Control Module X2 (KA1)
K32	Steering Wheel Heating Control Module	UVD	In the passenger compartment, on the steering column.	—	K32 Steering Wheel Heating Control Module
K33	HVAC Control Module	—	In the passenger compartment, center of the instrument panel, behind the multifunction instrument panel switch	<i>Behind the Instrument Panel Components</i>	• K33 HVAC Control Module X1 • K33 HVAC Control Module X2 • K33 HVAC Control Module X3
K36	Inflatable Restraint Sensing and Diagnostic Module	—	In the passenger compartment, under the center console	• Left Passenger Components (Crew Cab) • Left Passenger Components (Extended Cab)	• K36 Inflatable Restraint Sensing and Diagnostic Module X1 • K36 Inflatable Restraint Sensing and Diagnostic Module X2

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
K38	Chassis Control Module	—	(LGZ) Under the vehicle, mounted to the bracket above the spare tire	- Chassis Components (Crew Cab) - Chassis Components (Extended Cab) - Underbody Components (2 of 2) - Underbody Components (LWN) (6 of 6)	K38 Chassis Control Module
K38A	Chassis Control Module - Auxiliary	—	Under the vehicle, mounted to the bracket above the spare tire	—	K38A Chassis Control Module
K43	Power Steering Control Module	—	On the underbody, over front of engine compartment, on the power steering rack assembly	Underbody Components (1 of 2)	- K43 Power Steering Control Module X1 - K43 Power Steering Control Module X2 - K43 Power Steering Control Module X3
K56	Serial Data Gateway Module	—	In the passenger compartment, left of the steering column	Behind the Instrument Panel Components	- K56 Serial Data Gateway Module X1 - K56 Serial Data Gateway Module X2
K69	Transfer Case Control Module	NQ6/NQ7	In the passenger compartment, under the instrument panel, behind glove box, right of the HVAC assembly	- Right Passenger Components (Crew Cab) - Right Passenger Components (Extended Cab)	- K69 Transfer Case Control Module X1 - K69 Transfer Case Control Module X2 - K69 Transfer Case Control Module X3
K71	Transmission Control Module	MYB/MT5	(MYB) Underneath the vehicle, inside the automatic transmission assembly, part of the control solenoid valve, (MT5) In the engine compartment, to the right of the engine next to the Engine Control Module	Right Rear of Engine Compartment Components	K71 Transmission Control Module
K73	Telematics Communication Interface Control Module	UE1	In the passenger compartment, above the right kick panel, behind the instrument panel I-beam	- Right Passenger Components (Crew Cab) - Right Passenger Components (Extended Cab)	- K73 Telematics Communication Interface Control Module X1 - K73 Telematics Communication Interface Control Module X5 (UE1) - K73 Telematics Communication Interface Control Module X7 (UE1)

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
K77	Remote Control Door Lock Receiver	—	In the passenger compartment, above the right rear of the headliner	- Headliner Components (Crew Cab) - Headliner Components (Extended Cab)	K77 Remote Control Door Lock Receiver
K85	Passenger Presence Module	—	In the passenger compartment, under the front of the front passenger seat cushion	Passenger Seat Components	K85 Passenger Presence Module
K89	Immobilizer Control Module	—	In the passenger compartment, on the steering column, near the key cylinder	Front of the Instrument Panel Components	K89 Immobilizer Control Module
K111	Fuel Pump Driver Control Module	LCV	Under the vehicle, mounted to the bracket above the spare tire	Underbody Components (2 of 2)	K111 Fuel Pump Driver Control Module
K115	Reductant Control Module	LWN	Under the vehicle, Above and behind the rear axle, mounted to the reductant fluid reservoir assembly	Underbody Components (LWN) (5 of 6)	- K115 Reductant Control Module X1 - K115 Reductant Control Module X2 (LWN)
K133	Trailer Brake Power Control Module	JL1	Under the vehicle, mounted to the bracket above the spare tire, near the chassis control module	Underbody Components (LWN) (6 of 6)	K133 Trailer Brake Power Control Module
K182	Parking Assist Control Module	—	In passenger compartment, behind left side of instrument panel	Behind the Instrument Panel Components	- K182 Parking Assist Control Module X1 - K182 Parking Assist Control Module X2
M4	Air Inlet Door Actuator	—	In the passenger compartment, behind the instrument panel glove box	HVAC Assembly Components	M4 Air Inlet Door Actuator
M6	Air Temperature Door Actuator	—	In the passenger compartment, part of HVAC module, behind the instrument panel	HVAC Assembly Components	M6 Air Temperature Door Actuator
M7	Transmission Shift Lock Control Solenoid Actuator	MYB	In the passenger compartment, center near front, on the shift lever within floor console	—	—
M9	Brake Booster Pump Motor	LGZ	In the engine compartment, near front, right of center, mounted to the front of bank 1 cylinder head	—	M9 Brake Booster Pump Motor
M26	Front Axle Engagement Actuator	NQ6/NQ7	Under the vehicle, on the rear of the transfer case	Underbody Components (1 of 2)	M26 Front Axle Engagement Actuator
M37	Mode Door Actuator	—	In the passenger compartment, behind the instrument panel, on the upper left side of the HVAC module	HVAC Assembly Components	M37 Mode Door Actuator
M38	Power Steering Motor	—	On the underbody, lower front of engine compartment, on the power steering rack assembly	Underbody Components (1 of 2)	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
M51D	Seat Horizontal Motor - Driver	—	In the passenger compartment, under the center of the driver seat, between the seat tracks	Driver Seat Components	M51D Seat Horizontal Motor - Driver
M51P	Seat Horizontal Motor - Passenger	AAQ	In the passenger compartment, under the center of the passenger seat, between the seat tracks	Passenger Seat Components	M51P Seat Horizontal Motor - Passenger (AAQ)
M52D	Seat Lumbar Support Horizontal Motor - Driver	AL9	In the passenger compartment, part of the driver seat back	Driver Seat Back Components	M52D Seat Lumbar Support Horizontal Motor - Driver (AL9)
M52P	Seat Lumbar Support Horizontal Motor - Passenger	AAQ	In the passenger compartment, part of the passenger seat back	Passenger Seat Back Components	M52P Seat Lumbar Support Horizontal Motor - Passenger (AAQ)
M55D	Seat Rear Vertical Motor - Driver	—	In the passenger compartment, under the front of the driver seat, next to the left seat track	Driver Seat Components	M55D Seat Rear Vertical Motor - Driver
M55P	Seat Rear Vertical Motor - Passenger	AAQ	In the passenger compartment, under the front of the passenger seat, next to the left seat track	Passenger Seat Components	M55P Seat Rear Vertical Motor - Passenger (AAQ)
M64	Starter Motor	—	(LCV) In the engine compartment, lower right rear of the engine	- Left Front of the Engine Components (LGZ) - Left Front of the Engine Components (LWN) - Right Rear of Engine Components (LCV)	- M64 Starter Motor X1 - M64 Starter Motor X2 (LCV) - M64 Starter Motor X2 (LGZ) - M64 Starter Motor X2 (LWN)
M73A	Seat Blower Motor - Driver Back	KA1	In the passenger compartment, internal to driver seat	—	M73A Seat Blower Motor - Driver Back (KU1)
M73B	Seat Blower Motor - Passenger Back	KA1	In the passenger compartment, internal to passenger seat	—	M73B Seat Blower Motor - Passenger Back (KU3)
M73C	Seat Blower Motor - Driver Cushion	KA1	In the passenger compartment, internal to driver seat	—	M73C Seat Blower Motor - Driver Cushion (KU1)
M73D	Seat Blower Motor - Passenger Cushion	KA1	In the passenger compartment, internal to passenger seat	—	M73D Seat Blower Motor - Passenger Cushion (KU3)
M74D	Window Motor - Driver	—	In the passenger compartment, behind the driver door trim panel, at the center of the door	Driver Door Components	M74D Window Motor - Driver
M74LR	Window Motor - Left Rear	Crew Cab	In the passenger compartment, center of the left rear door, behind the door trim panel	Left Rear Door Components (Crew Cab)	M74LR Window Motor - Left Rear (Crew Cab)
M74P	Window Motor - Passenger	—	In the passenger compartment, behind the front passenger door trim panel, at the center of the door	Passenger Door Components	M74P Window Motor - Passenger

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
M74RR	Window Motor - Right Rear	Crew Cab	In the passenger compartment, center of the right rear door, behind the door trim panel	<i>Right Rear Door Components (Crew Cab)</i>	<i>M74RR Window Motor - Right Rear</i>
M75	Windshield Wiper Motor	—	At the left rear of the engine compartment, near the windshield	<i>Left Side of Engine Compartment Components</i>	<i>M75 Windshield Wiper Motor</i>
M77D	Outside Rearview Mirror Motor - Driver	DL6/DL9	Outside of the vehicle, on driver door, in the driver door mirror	—	—
M77P	Outside Rearview Mirror Motor - Passenger	DL6/DL9	Outside of the vehicle, on passenger door, in the passenger door mirror	—	—
M93	Key Capture Solenoid Actuator	MYB	In the passenger compartment, left front of instrument panel, attached to the right side of steering column	<i>Front of the Instrument Panel Components</i>	<i>M93 Key Capture Solenoid Actuator</i>
M96A	Active Grille Air Shutter 1 Actuator	LCV/LGZ	At front of the vehicle, center, behind upper grille	<i>Front of Engine Compartment Components</i>	<i>M96A Active Grille Air Shutter 1 Actuator</i>
M103	Turbocharger Vane Position Actuator	LWN	In the engine compartment, right side of engine, mounted to the exhaust manifold, forward of the catalytic converter	<i>Right Rear of Engine Components (LWN)</i>	<i>M103 Turbocharger Vane Position Actuator</i>
P2	Transmission Shift Lever Position Indicator	MYB	In the passenger compartment, center, near front, at top of floor console, near the shift lever	<i>Center Console Components (MYB)</i>	<i>P2 Transmission Shift Lever Position Indicator</i>
P3	Backup Alarm	8S3	On the vehicle exterior, at the right rear of the vehicle, near the right rear wheel speed sensor breakout	• Chassis Components (Crew Cab) • Chassis Components (Extended Cab) • Underbody Components (LWN) (6 of 6)	<i>P3 Backup Alarm</i>
P13	Horn Assembly	—	In the engine compartment, lower left corner of the radiator support	<i>Right Front of Engine Compartment Components</i>	<i>P13 Horn Assembly</i>
P14	Passenger Air Bag Disabled Indicator	—	In the passenger compartment, center of the overhead console	• Headliner Components (Crew Cab) • Headliner Components (Extended Cab)	<i>P14 Passenger Air Bag Disabled Indicator</i>
P16	Instrument Cluster	—	In the passenger compartment, at the top of the driver side of the instrument panel, above the steering column	<i>Front of the Instrument Panel Components</i>	• P16 Instrument Cluster (UDC) • P16 Instrument Cluster (UDD)

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
P17	Info Display Module	—	In the passenger compartment, at the top center of the instrument panel, above the radio controls	Front of the Instrument Panel Components	• P17 Info Display Module X1 (IOR) • P17 Info Display Module X1 (IOS/IOT) • P17 Info Display Module X2 (IOR) • P17 Info Display Module X2 (IOS/IOT)
P19AG	Speaker - Left Front Door	—	In the passenger compartment, at the front of the left front door, behind the door trim panel	Driver Door Components	P19AG Speaker - Left Front Door
P19AH	Speaker - Right Front Door	—	In the passenger compartment, at the front of the right front door, behind the door trim panel	Passenger Door Components	P19AH Speaker - Right Front Door
P19AL	Speaker - Left Rear Door	—	In the passenger compartment, in the lower left rear door, behind the door panel	• Left Rear Door Components (Crew Cab) • Left Rear Door Components (Extended Cab)	P19AL Speaker - Left Rear Door
P19AM	Speaker - Right Rear Door	—	In the passenger compartment, in the lower right rear door, behind the door panel	• Right Rear Door Components (Crew Cab) • Right Rear Door Components (Extended Cab)	P19AM Speaker - Right Rear Door
P19B	Speaker - Center Instrument Panel	UQA	In the passenger compartment, center of the instrument panel	Front of the Instrument Panel Components	P19B Speaker - Center Instrument Panel (UQA)
P19H	Speaker - Left Front Tweeter	—	In the passenger compartment, in the upper left of the instrument panel	Front of the Instrument Panel Components	• P19H Speaker - Left Front Tweeter (UQ3) • P19H Speaker - Left Front Tweeter (UQA)
P19V	Speaker - Right Front Tweeter	—	In the passenger compartment, in the upper right of the instrument panel	Front of the Instrument Panel Components	• P19V Speaker - Right Front Tweeter (UQ3) • P19V Speaker - Right Front Tweeter (UQA)
P43	Collision Alert Indicators	UEU	In the passenger compartment, behind the upper left of the instrument panel, above the instrument cluster	Behind the Instrument Panel Components	• P43 Collision Alert Indicators • P43 Collision Alert Indicators
P46	Mobile Device Wireless Charger Indicators	K4C	In the passenger compartment, on the center console	—	P46 Mobile Device Wireless Charger Indicators

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
Q2	A/C Compressor Clutch	—	In the engine compartment, on the lower left front of the engine	• Left Front of the Engine Components (LCV) • Left Front of the Engine Components (LGZ) • Left Front of the Engine Components (LWN)	Q2 A/C Compressor Clutch
Q5	Brake Pressure Modulator	—	In the engine compartment, right rear, behind strut tower, attached to the electronic brake control module	—	—
Q6A	Camshaft Position Actuator Solenoid Valve - Bank 1 Exhaust	LGZ	In the engine compartment, near front, right of center, below of the bank 1 exhaust camshaft position sensor	—	Q6A Camshaft Position Actuator Solenoid Valve - Bank 1 Exhaust
Q6B	Camshaft Position Actuator Solenoid Valve - Bank 1 Intake	LGZ	In the engine compartment, near front, right of center, between the bank 1 camshaft position sensors	—	Q6B Camshaft Position Actuator Solenoid Valve - Bank 1 Intake
Q6C	Camshaft Position Actuator Solenoid Valve - Bank 2 Exhaust	LGZ	In the engine compartment, near front, left of center, below of the bank 2 exhaust camshaft position sensor	Left Front of the Engine Components (LGZ)	Q6C Camshaft Position Actuator Solenoid Valve - Bank 2 Exhaust
Q6D	Camshaft Position Actuator Solenoid Valve - Bank 2 Intake	LGZ	In the engine compartment, near front, left of center, between the bank 2 camshaft position sensors	Left Front of the Engine Components (LGZ)	Q6D Camshaft Position Actuator Solenoid Valve - Bank 2 Intake
Q6E	Camshaft Position Actuator Solenoid Valve - Exhaust	LCV	In the engine compartment, front, left of center, mounted to camshaft cover on left side	Left Front of the Engine Components (LCV)	Q6E Camshaft Position Actuator Solenoid Valve - Exhaust
Q6F	Camshaft Position Actuator Solenoid Valve - Intake	LCV	In the engine compartment, front, right of center, mounted to camshaft cover on right side	Top of Engine Components (LCV)	Q6F Camshaft Position Actuator Solenoid Valve - Intake
Q8	Control Solenoid Valve Assembly	MYB	Underneath the vehicle, inside the automatic transmission assembly	Automatic Transmission Components (MYB with NQ6/NQ7)	• Q8 Control Solenoid Valve Assembly X1 • Q8 Control Solenoid Valve Assembly X2 (MYB) • Q8 Control Solenoid Valve Assembly X3 (MYB)
Q9F	Differential Lock Actuator - Front	BPH	Under the vehicle, on the front axle	—	Q9F Differential Lock Actuator - Front
Q9R	Differential Lock Actuator - Rear	BPH	Under the vehicle, on the rear axle	—	• Q9R Differential Lock Actuator - Rear • Q9R Differential Lock Actuator - Rear

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
Q12	Evaporative Emission Purge Solenoid Valve	—	(LCV) In the engine compartment, right side, on the intake manifold cylinder 1	• Left Front of the Engine Components (LGZ) • Right Rear of Engine Components (LCV) • Right Rear of Engine Components (LGZ)	Q12 Evaporative Emission Purge Solenoid Valve
Q13	Evaporative Emission Vent Solenoid Valve	—	On the underbody, at the top left side of the fuel tank on the evaporative emissions canister	• Chassis Components (Crew Cab) • Chassis Components (Extended Cab)	Q13 Evaporative Emission Vent Solenoid Valve
Q14	Exhaust Gas Recirculation Valve	LWN	In the engine compartment, right rear of engine, near intake manifold	Left Front of the Engine Components (LWN)	Q14 Exhaust Gas Recirculation Valve
Q17A	Fuel Injector 1	LCV/LWN	(LCV/LWN) In the engine compartment, right of center, near front, mounted to the cylinder head at cylinder 1	• Right Rear of Engine Components (LWN) • Right Top of Engine Components (LCV) • Top of Engine Components (LGZ)	• Q17A Fuel Injector 1 (LCV) • Q17A Fuel Injector 1 (LGZ) • Q17A Fuel Injector 1 (LWN)
Q17B	Fuel Injector 2	LCV/LWN	(LCV/LWN) In the engine compartment, right of center, near middle, mounted to the cylinder head at cylinder 2	• Right Rear of Engine Components (LWN) • Right Top of Engine Components (LCV) • Top of Engine Components (LGZ)	• Q17B Fuel Injector 2 (LCV) • Q17B Fuel Injector 2 (LGZ) • Q17B Fuel Injector 2 (LWN)
Q17C	Fuel Injector 3	LCV/LWN	(LCV/LWN) In the engine compartment, right of center, near middle, mounted to the cylinder head at cylinder 3	• Right Rear of Engine Components (LWN) • Right Top of Engine Components (LCV) • Top of Engine Components (LGZ)	• Q17C Fuel Injector 3 (LCV) • Q17C Fuel Injector 3 (LGZ) • Q17C Fuel Injector 3 (LWN)

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
Q17D	Fuel Injector 4	LCV/LWN	(LCV/LWM) In the engine compartment, right of center, near rear, mounted to the cylinder head at cylinder 4	- Right Rear of Engine Components (LWN) - Right Top of Engine Components (LCV) - Top of Engine Components (LGZ)	- Q17D Fuel Injector 4 (LCV) - Q17D Fuel Injector 4 (LGZ) - Q17D Fuel Injector 4 (LWN)
Q17E	Fuel Injector 5	LGZ	In the engine compartment, near middle rear, on the inboard side of bank 1 cylinder head, above cylinder 5	Top of Engine Components (LGZ)	Q17E Fuel Injector 5 (LGZ)
Q17F	Fuel Injector 6	LGZ	In the engine compartment, near middle rear, on the inboard side of bank 2 cylinder head, above cylinder 6	Top of Engine Components (LGZ)	Q17F Fuel Injector 6 (LGZ)
Q18A	Fuel Pressure Regulator 1	LWN	In the engine compartment, lower left of engine, attached to fuel injection pump	Left Front of the Engine Components (LWN)	Q18A Fuel Pressure Regulator 1
Q18B	Fuel Pressure Regulator 2	LWN	In the engine compartment, left of engine, between throttle body and cylinder head	Left Front of the Engine Components (LWN)	Q18B Fuel Pressure Regulator 2
Q20	Intake Air Flow Valve	LWN	In the engine compartment, front, mounted to the Left side of the intake manifold	Left Front of the Engine Components (LWN)	Q20 Intake Air Flow Valve
Q27A	Pressure Control Solenoid Valve 1	MYB	Under the vehicle, inside the automatic transmission, part of the control solenoid valve assembly	—	—
Q27B	Pressure Control Solenoid Valve 2	MYB	Under the vehicle, inside the automatic transmission, part of the control solenoid valve assembly	—	—
Q27C	Pressure Control Solenoid Valve 3	MYB	Under the vehicle, inside the automatic transmission, part of the control solenoid valve assembly	—	—
Q27D	Pressure Control Solenoid Valve 4	MYB	Under the vehicle, inside the automatic transmission, part of the control solenoid valve assembly	—	—
Q27E	Pressure Control Solenoid Valve 5	MYB	Under the vehicle, inside the automatic transmission, part of the control solenoid valve assembly	—	—
Q32A	Shift Solenoid Valve 1	MYB	Under the vehicle, inside the automatic transmission, part of the control solenoid valve assembly	—	—
Q32B	Shift Solenoid Valve 2	MYB	Under the vehicle, inside the automatic transmission, part of the control solenoid valve assembly	—	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
Q38	Throttle Body	—	(LCV) In the engine compartment, front, mounted to the right side of the intake manifold	• Left Front of the Engine Components (LGZ) • Top of Engine Components (LCV)	Q38 Throttle Body
Q39A	Torque Converter Clutch Pressure Control Solenoid Valve	MYB	Under the vehicle, inside the automatic transmission, part of the control solenoid valve assembly	—	—
Q44	Engine Oil Pressure Control Solenoid Valve	LCV	In the engine compartment, left rear, on side of the engine block	• Right Bottom of Engine Components (LGZ) • Right Rear of Engine Components (LCV)	• Q44 Engine Oil Pressure Control Solenoid Valve (LCV) • Q44 Engine Oil Pressure Control Solenoid Valve (LGZ)
Q46	A/C Compressor Solenoid Valve	—	In the engine compartment, front, bottom left of the engine, internal to the A/C compressor	• Left Front of the Engine Components (LCV) • Left Front of the Engine Components (LGZ) • Left Front of the Engine Components (LWN)	Q46 A/C Compressor Solenoid Valve
Q47	Exhaust Gas Recirculation Cooler Bypass Solenoid Valve	LWN	In the engine compartment, top of cylinder head, near front of the engine, right of the oil filler neck	Right Bottom of Engine Components (LWN)	Q47 Exhaust Gas Recirculation Cooler Bypass Solenoid Valve
Q61	Reductant Injector	LWN	On the underbody, right, mounted to the inlet side of the nitrogen oxides catalytic converter	Underbody Components (LWN) (1 of 6)	Q61 Reductant Injector
Q67	Exhaust After-treatment Fuel Injector	LWN	On the underbody, center of vehicle, mounted to the inboard side of the right frame rail	Underbody Components (LWN) (2 of 6)	Q67 Exhaust After-treatment Fuel Injector
Q77A	Transmission Control Solenoid Valve 1	M5T	Internal to the transmission	—	Q77A Transmission Control Solenoid Valve 1 (M5T)
Q77B	Transmission Control Solenoid Valve 2	M5T	Internal to the transmission	—	Q77B Transmission Control Solenoid Valve 2 (M5T)
Q77C	Transmission Control Solenoid Valve 3	M5T	Internal to the transmission	—	Q77C Transmission Control Solenoid Valve 3 (M5T)
Q77D	Transmission Control Solenoid Valve 4	M5T	Internal to the transmission	—	Q77D Transmission Control Solenoid Valve 4 (M5T)
Q77E	Transmission Control Solenoid Valve 5	M5T	Internal to the transmission	—	Q77E Transmission Control Solenoid Valve 5 (M5T)
Q77F	Transmission Control Solenoid Valve 6	M5T	Internal to the transmission	—	Q77F Transmission Control Solenoid Valve 6 (M5T)

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
Q77G	Transmission Control Solenoid Valve 7	M5T	Internal to the transmission	—	Q77G Transmission Control Solenoid Valve 7 (M5T)
Q77H	Transmission Control Solenoid Valve 8	M5T	Internal to the transmission	—	Q77H Transmission Control Solenoid Valve 8 (M5T)
Q77J	Transmission Control Solenoid Valve 9	M5T	Internal to the transmission	—	Q77J Transmission Control Solenoid Valve 9 (M5T)
Q83A	Valve Lifter Oil Solenoid Valve - Bank 1	LGZ	In the engine compartment, on bank 1 valve cover	—	Q83A Valve Lifter Oil Solenoid Valve - Bank 1
Q83B	Valve Lifter Oil Solenoid Valve - Bank 2	LGZ	In the engine compartment, on bank 2 valve cover	Left Front of the Engine Components (LGZ)	Q83B Valve Lifter Oil Solenoid Valve - Bank 2
Q84A	Camshaft Position Actuator Park Lock Solenoid Valve - Bank 1 Intake	LGZ	In the engine compartment, on front cover, forward of bank 1 cylinder head	Left Front of the Engine Components (LGZ)	Q84A Camshaft Position Actuator Park Lock Solenoid Valve - Bank 1 Intake
Q84B	Camshaft Position Actuator Park Lock Solenoid Valve - Bank 2 Intake	LGZ	In the engine compartment, on front cover, forward of bank 2 cylinder head	Left Front of the Engine Components (LGZ)	Q84B Camshaft Position Actuator Park Lock Solenoid Valve - Bank 2 Intake
Q85	Cooling Fan Clutch	LWN	At the front of the engine compartment, on center shaft of cooling fan assembly	Left Side of Engine Components (LWN)	Q85 Cooling Fan Clutch (LWN)
R6A	Terminating Resistor - High Speed Bus	—	(Crew Cab) Under the vehicle, rear right side, taped in the harness above the spare tire and across from the chassis control module	- Chassis Components (Crew Cab) - Chassis Components (Extended Cab) - Chassis Underbody Components (Extended Cab)	R6A Terminating Resistor - High Speed Bus
R10	Cooling Fan Resistor	LWN	In the engine compartment, left, on battery tray in front of the battery	Left Side of Engine Compartment Components	R10 Cooling Fan Resistor
S2A	Transmission Manual Shift Switch - Up/Down	MYB	In the passenger compartment, part of the transmission shift lever	Center Console Components (MYB)	—
S3	Transmission Shift Lever	MYB	In the passenger compartment, center near front, within the floor console	Center Console Components (MYB)	S3 Transmission Shift Lever (MYB/M5T)
S13D	Door Lock Switch - Driver	ATG	On driver door, upper, forward of the release handle on the door trim	Driver Door Components	S13D Door Lock Switch - Driver
S13P	Door Lock Switch - Passenger	ATG	On passenger door, upper, forward of the release handle on the door trim	Passenger Door Components	S13P Door Lock Switch - Passenger
S30	Headlamp Switch	—	In the passenger compartment, left of the steering column	Front of the Instrument Panel Components	S30 Headlamp Switch
S32D	Seat Heating Switch - Driver	KA1	In the passenger compartment, at the lower center of the instrument panel, below the HVAC controls	Front of the Instrument Panel Components	S32D Seat Heating Switch - Driver

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
S32P	Seat Heating Switch - Passenger	KA1	In the passenger compartment, at the lower center of the instrument panel, below the HVAC controls	Front of the Instrument Panel Components	S32P Seat Heating Switch - Passenger
S33	Horn Switch	—	In the passenger compartment, in the center of the steering wheel, behind the driver side air bag	—	- S33 Horn Switch X1 - S33 Horn Switch X2
S39	Ignition Switch	—	In the passenger compartment, behind the steering wheel, on the right side of the steering column	Front of the Instrument Panel Components	S39 Ignition Switch
S48A	Multifunction Switch - Instrument Panel	—	In the passenger compartment, in the center of the instrument panel, below the HVAC controls	Front of the Instrument Panel Components	S48A Multifunction Switch - Instrument Panel
S51	Telematics Button Assembly	UE1	In the passenger compartment, part of the inside rearview mirror	—	—
S52	Outside Rearview Mirror Switch	DL6/DL9	In the passenger compartment, on the driver door trim panel	Driver Door Components	S52 Outside Rearview Mirror Switch
S64D	Seat Adjuster Switch - Driver	—	In the passenger compartment, mounted to the outboard side of the driver seat cushion	Driver Seat Components	S64D Seat Adjuster Switch - Driver
S64P	Seat Adjuster Switch - Passenger	AAQ	In the passenger compartment, mounted to the outboard side of the passenger seat cushion	Passenger Seat Components	S64P Seat Adjuster Switch - Passenger (AAQ)
S65D	Seat Lumbar Support Switch - Driver	—	In the passenger compartment, mounted to the outboard side of the driver seat cushion	Driver Seat Components	S65D Seat Lumbar Support Switch - Driver
S65P	Seat Lumbar Support Switch - Passenger	—	In the passenger compartment, mounted to the outboard side of the passenger seat cushion	Passenger Seat Components	S65P Seat Lumbar Support Switch - Passenger (AT9)
S70E	Steering Wheel Controls Switch - Radio Presets	W1Y	In the passenger compartment, on the left rear side of the steering wheel	Steering Column Components	S70E Steering Wheel Controls Switch - Radio Presets
S70F	Steering Wheel Controls Switch - Radio Volume	W1Y	In the passenger compartment, on the right rear side of the steering wheel	Steering Column Components	S70F Steering Wheel Controls Switch - Radio Volume (W1Y)
S70L	Steering Wheel Controls Switch - Left	—	In the passenger compartment, on the left side of the steering wheel	Steering Column Components	S70L Steering Wheel Controls Switch - Left
S70R	Steering Wheel Controls Switch - Right	—	In the passenger compartment, on the right side of the steering wheel	Steering Column Components	S70R Steering Wheel Controls Switch - Right
S76	Trailer Brake Control Switch	JL1	In the passenger compartment, left of the steering column	Front of the Instrument Panel Components	S76 Trailer Brake Control Switch (JL1)
S77	Transfer Case Shift Control Switch	NQ6/NQ7	In the passenger compartment, left of the steering column	Front of the Instrument Panel Components	S77 Transfer Case Shift Control Switch

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
S78	Turn Signal/Multi-function Switch	—	In the passenger compartment, on the left side of the steering column	• Front of the Instrument Panel Components • Steering Column Components	S78 Turn Signal/Multifunction Switch
S79D	Window Switch - Driver	—	In the passenger compartment, on the driver door trim panel, center of the door	Driver Door Components	S79D Window Switch - Driver
S79LR	Window Switch - Left Rear	Crew Cab	In the passenger compartment, at the center of the left rear door, on the door trim panel	Left Rear Door Components (Crew Cab)	S79LR Window Switch - Left Rear (Crew Cab)
S79P	Window Switch - Passenger	—	In the passenger compartment, on the passenger door trim panel, center of the door	Passenger Door Components	S79P Window Switch - Passenger
S79RR	Window Switch - Right Rear	Crew Cab	In the passenger compartment, at the center of the right rear door, on the door trim panel	Right Rear Door Components (Crew Cab)	S79RR Window Switch - Right Rear
S82	Windshield Wiper/Washer Switch	—	In the passenger compartment, on the right side of the steering column	• Front of the Instrument Panel Components • Steering Column Components	S82 Windshield Wiper/Washer Switch
T2	Antenna	—	In the passenger compartment, part of the remote control door lock receiver	—	—
T2RR	Antenna - Roof Rear	—	On the rear roof	—	T2RR Antenna - Roof Rear
T3	Audio Amplifier	UQA	In the rear passenger compartment, mounted behind the glove box	Behind the Instrument Panel Components	• T3 Audio Amplifier X1 • T3 Audio Amplifier X2 • T3 Audio Amplifier X3 • T3 Audio Amplifier X4
T4G	Cellular Phone, Navigation, and Digital Radio Antenna	UE1	Outside the vehicle, at the rear of the roof	Rear of Vehicle Components	T4G Cellular Phone, Navigation, and Digital Radio Antenna
T4S	Wireless Communication Antenna - Bluetooth	VV4	In the passenger compartment, right side of the instrument panel, behind the glove box, attached to the telematics communication interface control module	—	—
T8A	Ignition Coil 1	—	(LCV) In the engine compartment, center near front, mounted to cylinder head, above cylinder 1	• Top of Engine Components (LCV) • Top of Engine Components (LGZ)	• T8A Ignition Coil 1 (LCV) • T8A Ignition Coil 1 (LGZ)

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
T8B	Ignition Coil 2	—	(LCV) In the engine compartment, center near middle, mounted to cylinder head, above cylinder 2	• Top of Engine Components (LCV) • Top of Engine Components (LGZ)	• T8B Ignition Coil 2 (LCV) • T8B Ignition Coil 2 (LGZ)
T8C	Ignition Coil 3	—	(LCV) In the engine compartment, center near middle, mounted to cylinder head, above cylinder 3	• Top of Engine Components (LCV) • Top of Engine Components (LGZ)	• T8C Ignition Coil 3 (LCV) • T8C Ignition Coil 3 (LGZ)
T8D	Ignition Coil 4	—	(LCV) In the engine compartment, center near rear, mounted to cylinder head, above cylinder 4	• Top of Engine Components (LCV) • Top of Engine Components (LGZ)	• T8D Ignition Coil 4 (LCV) • T8D Ignition Coil 4 (LGZ)
T8E	Ignition Coil 5	LGZ	In the engine compartment, right of center, near rear, above cylinder 5	Top of Engine Components (LGZ)	T8E Ignition Coil 5
T8F	Ignition Coil 6	LGZ	In the engine compartment, left of center, near rear, above cylinder 6	Top of Engine Components (LGZ)	T8F Ignition Coil 6
T12	Automatic Transmission Assembly	MYB	In the engine compartment, underneath the first row seating, rear of the engine	—	—
T22	Mobile Device Wireless Charger Module	K4C	In the passenger compartment, under the center console	—	• T22 Mobile Device Wireless Charger Module • T22 Mobile Device Wireless Charger Module
W8	Blunt Cut - Trailer Provision	—	Outside of vehicle, under left rear, approximately 40 cm (15.7 in) from X400	—	—
W24	Blunt Cut - Trailer Brakes Provision	Z82	In the passenger compartment, behind the left front kick panel, taped to the harness next to X200 and X202	—	—
W26	Blunt Cut - Cargo Lamp Provision	S0Y	At rear of vehicle, in left tail lamp breakout	—	—
X50A	Fuse Block - Underhood	—	In the engine compartment, forward left of the engine, next to the battery	Left Side of Engine Compartment Components	Electrical Center Identification Views on page 5-159
X50D	Fuse Block - Battery	—	In the engine compartment, left front, on top of the battery (+) post	Left Side of Engine Compartment Components	Electrical Center Identification Views on page 5-159
X51A	Fuse Block - Instrument Panel	—	In the passenger compartment, below right side of the instrument panel, behind access cover on right front kick panel	• Right Passenger Components (Crew Cab) • Right Passenger Components (Extended Cab)	Electrical Center Identification Views on page 5-159

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
X80A	Accessory Power Receptacle - Center Console 1	—	In the passenger compartment, at the forward left of the center console	- Center Console Components (N8D) - Front of the Instrument Panel Components	X80A Accessory Power Receptacle - Center Console 1 (MYB/M5T)
X80B	Accessory Power Receptacle - Center Console 2	—	In the passenger compartment, at the rear of the center console	- Center Console Components (MYB) - Center Console Components (N8D)	X80B Accessory Power Receptacle - Center Console 2
X83	Auxiliary Audio Input	—	(IO3/IO4 with N8D) In the passenger compartment, in the center console	- Center Console Components (N8D) - Front of the Instrument Panel Components	- X83 Auxiliary Audio Input X1 - X83 Auxiliary Audio Input X1 - X83 Auxiliary Audio Input X2
X83R	Auxiliary Audio Input - Rear	IO5/IO6	In the passenger compartment, at the rear of the center console	Center Console Components (MYB)	- X83R Auxiliary Audio Input - Rear X1 - X83R Auxiliary Audio Input - Rear X2
X84	Data Link Connector	—	In the passenger compartment, under the driver side of the instrument panel	Front of the Instrument Panel Components	X84 Data Link Connector
X85	Steering Wheel Air Bag Coil	—	In the passenger compartment, behind the steering wheel, in the upper steering column	Steering Column Components	- X85 Steering Wheel Air Bag Coil X1 - X85 Steering Wheel Air Bag Coil X2 - X85 Steering Wheel Air Bag Coil X3 - X85 Steering Wheel Air Bag Coil X4 - X85 Steering Wheel Air Bag Coil X5 (UVD)
X88	Trailer Connector	Z82	On the vehicle exterior, at the rear of the vehicle, left of the license plate	Rear of Vehicle Components	X88 Trailer Connector
X92C	USB Receptacle - Center Console Rear	—	In the passenger compartment, at the rear of the center console	Center Console Components (MYB)	—
X100	Battery Cable Harness to Power Steering Harness (4 cavities)	—	Outside of the vehicle, left front of the front frame crossmember, next to X103	Body Harness Routing - Center Engine Compartment	X100 Battery Cable Harness to Power Steering Harness

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
X101	Engine Harness to Body Harness (48 cavities)	—	In the engine compartment, left front of engine, near underhood fuse block next to X102	• Body Harness Routing - Left Engine Compartment (LCV/LGZ) • Body Harness Routing - Left Engine Compartment (LWN) • Engine Harness Routing - Front (LGZ) • Engine Harness Routing - Left Front (LCV)	X101 Engine Harness to Body Harness
X102	Forward Lamp Harness to Body Harness (48 cavities)	—	In the engine compartment, left front, at left headlamp assembly, in front of underhood fuse block next to X101	• Body Harness Routing - Left Engine Compartment (LCV/LGZ) • Body Harness Routing - Left Engine Compartment (LWN) • Forward Lamp Harness Routing - Left Engine Compartment • Forward Lamp Harness Routing - Left Engine Compartment (LWN)	X102 Forward Lamp Harness to Body Harness
X103	Chassis Harness to Power Steering Harness (16 cavities)	—	Outside of the vehicle, left front of the front frame crossmember, next to X100	• Body Harness Routing - Center Engine Compartment • Chassis Harness Routing (Crew Cab) • Chassis Harness Routing (Extended Cab) • Chassis Harness Routing (LWN)	X103 Chassis Harness to Power Steering Harness
X104	Forward Lamp Harness to Forward Lamp Extension Harness (2 cavities)	LCV	In the engine compartment, left front, near left radiator support	Forward Lamp Harness Routing - Left Engine Compartment	X104 Forward Lamp Harness to Forward Lamp Extension Harness
X105	Forward Lamp Harness to Ambient Temperature Sensor Extension Harness (6 cavities)	—	Outside of the vehicle, forward of left radiator support on front impact bar, below the left headlamp assembly	Forward Lamp Harness Routing - Left Engine Compartment	X105 Forward Lamp Harness to Ambient Temperature Sensor Extension Harness

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
X106	Body Harness to Chassis Harness (48 cavities)	—	In the engine compartment, left of engine, near battery, rear of the underhood fuse block	• Body Harness Routing - Left Engine Compartment (LCV/LGZ) • Body Harness Routing - Left Engine Compartment (LWN) • Chassis Harness Routing (Crew Cab) • Chassis Harness Routing (Extended Cab) • Chassis Harness Routing (LWN)	X106 Body Harness to Chassis Harness
X107	Engine Harness to Chassis Harness (48 cavities)	LWN	In the engine compartment, right front, on frame at the right front shock	• Chassis Harness Routing (LWN) • Engine Harness Routing - Right Rear (LWN)	X107 Engine Harness to Chassis Harness (LWN)
X108	Engine Harness to Cooling Fan Harness (6 cavities)	LWN	In the engine compartment, left front of engine, below the a/c compressor	Engine Harness Routing - Left Front (LWN)	X108 Engine Harness to Cooling Fan Harness (LWN)
X109	Engine Harness to Forward Lamp Harness (4 cavities)	LWN	In the engine compartment, left side of the cooling fan shroud	• Engine Harness Routing - Left Front (LWN) • Forward Lamp Harness Routing - Left Engine Compartment (LWN)	X109 Engine Harness to Forward Lamp Harness (LWN)
X110	Forward Lamp Harness to Left Front Lamp Harness (6 cavities)	—	In the engine compartment, at the rear of the left headlamp assembly	• Forward Lamp Harness Routing - Left Engine Compartment • Forward Lamp Harness Routing - Left Engine Compartment (LWN)	X110 Forward Lamp Harness to Left Front Lamp Harness
X111	Engine Harness to Glow Plug Harness (4 cavities)	LWN	In the engine compartment, above engine, left front, near generator	Engine Harness Routing - Top (LWN)	X111 Engine Harness to Glow Plug Harness (LWN)
X112	Engine Harness to Intake Manifold Pressure Sensor Jumper Harness	LWN	In the engine compartment, above engine, left front, near generator	Engine Harness Routing - Top (LWN)	X112 Engine Harness to Intake Manifold Pressure Sensor Jumper Harness
X113	Engine Harness to Oil Pressure Control Solenoid Valve Jumper Harness	LGZ	In engine compartment, near Engine Oil Pressure Control Solenoid Valve	—	X113 Engine Harness to Oil Pressure Control Solenoid Valve Jumper Harness (LGZ)
X114	Engine Harness to Temp Sensor Jumper Harness	LGZ	In engine compartment, right front of engine, approximately 6 cm (2.36 in) from Q84A breakout.	—	X114 Engine Harness to Temp Sensor Jumper Harness

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
X119	Engine Harness to Body Harness	NQ6/NQ7	In engine compartment, approximately 24 cm (9.44 in) from J106 breakout.	—	X119 Engine Harness to Body Harness (NQ6+LGZ)
X120	Forward Lamp Harness to Right Front Lamp Harness (6 cavities)	—	In the engine compartment, at the rear of the right headlamp assembly	Forward Lamp Harness Routing - Right Engine Compartment	X120 Forward Lamp Harness to Right Front Lamp Harness
X122	Body Harness to Chassis Harness	LWN	In engine compartment, approximately 17 cm (6.64 in) from M75 breakout.	—	X122 Body Harness to Chassis Harness (LWN)
X124	Body Harness to Chassis Harness	LGZ	In engine compartment, approximately 27.1 cm (10.6 in) from X50A fuse block - underhood X2 breakout.	—	X124 Body Harness to Chassis Harness
X125	Body Harness to Chassis Harness	UVB	In engine compartment, near X106 towards the front of the vehicle	—	X125 Body Harness to Chassis Harness
X126	Body Harness to Chassis Harness	LCV	In engine compartment, approximately 27.1 cm (10.6 in) from X50A fuse block - underhood X2 breakout.	—	X126 Body Harness to Chassis Harness (LCV)
X160	Engine Harness to Fuel Injector Harness (12 cavities)	—	(LCV) In the engine compartment, right of center, forward of middle, mounted to intake manifold	• Engine Harness Routing - Rear (LGZ) • Engine Harness Routing - Right Front Top (LCV)	• X160 Engine Harness to Fuel Injector Harness (LCV) • X160 Engine Harness to Fuel Injector Harness (LGZ)
X161	Engine Harness to Fuel Injector - Even Harness (12 cavities)	LGZ	In the engine compartment, rear, right of center, behind right rear of cylinder head cover	Engine Harness Routing - Rear (LGZ)	X161 Engine Harness to Fuel Injector - Even Harness
X175	Engine Harness to Transmission Case Harness	M5T	Under the vehicle on the transmission.	—	X175 Engine Harness to Transmission Case Harness
X176	Transmission Case Harness to Transmission Control Harness	M5T	Internal to the transmission	—	X176 Transmission Case Harness to Transmission Control Harness (M5T)
X177	Transmission Case Harness to Speed Sensor Assembly Harness	M5T	Internal to the transmission	—	X177 Transmission Case Harness to Speed Sensor Assembly Harness (M5T)
X200	Body Harness to Instrument Panel Harness (48 cavities)	—	In the passenger compartment, left side of the instrument panel, behind the left front kick panel, next to X202	• Body Harness Routing - Left Front of Passenger Compartment (Crew Cab) • Body Harness Routing - Left Front of Passenger Compartment (Extended Cab) • Instrument Panel Harness Routing - Rear	X200 Body Harness to Instrument Panel Harness

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
X202	Body Harness to Instrument Panel Harness (44 cavities)	—	In the passenger compartment, left side of the instrument panel, behind the left front kick panel, next to X200	- Body Harness Routing - Left Front of Passenger Compartment (Crew Cab) - Body Harness Routing - Left Front of Passenger Compartment (Extended Cab) - Instrument Panel Harness Routing - Rear	X202 Body Harness to Instrument Panel Harness
X203	Body Harness to Instrument Panel Harness (48 cavities)	—	In the passenger compartment, right side of the instrument panel, below instrument panel fuse block, behind right front kick panel	- Body Harness Routing - Left Rear of Passenger Compartment (Extended Cab) - Body Harness Routing - Right Front of Passenger Compartment (Crew Cab) - Body Harness Routing - Right Front of Passenger Compartment (Extended Cab) - Instrument Panel Harness Routing - Rear	X203 Body Harness to Instrument Panel Harness
X204	Body Harness to HVAC Harness	LWN	In the passenger compartment, approximately 33.4 cm (13 in) from B107 breakout.	Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)	X204 Body Harness to HVAC Harness (LWN)
X206	Instrument Panel Harness to HVAC Harness (2 cavities)	C68	In the passenger compartment, left of center, near left side of HVAC Assembly	Instrument Panel Harness Routing - Rear	X206 Instrument Panel Harness to HVAC Harness
X207	Instrument Panel Harness to Passenger Air Bag Extension Harness (6 cavities)	—	In the passenger compartment, at the top of the passenger side of the instrument panel, near passenger instrument panel air bag	Instrument Panel Harness Routing - Rear	X207 Instrument Panel Harness to Passenger Air Bag Extension Harness
X208	Instrument Panel Harness to Body Harness	UVB	In the passenger compartment, left front near breakout to X500	Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)	- X208 Instrument Panel Harness to Body Harness - X208 Instrument Panel Harness to Body Harness

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
X218	Instrument Panel Harness to Body Harness	U2M	In the passenger compartment, right side of the instrument panel, below instrument panel fuse block, behind right front kick panel	• Body Harness Routing - Left Rear of Passenger Compartment (Extended Cab) • Body Harness Routing - Right Front of Passenger Compartment (Crew Cab) • Body Harness Routing - Right Front of Passenger Compartment (Extended Cab) • Instrument Panel Harness Routing - Rear	• X218 Instrument Panel Harness to Body Harness • X218 Instrument Panel Harness to Body Harness
X219	Instrument Panel Harness to Body Harness	Except U2M	In the passenger compartment, right side of the instrument panel, below instrument panel fuse block, behind right front kick panel	• Body Harness Routing - Left Rear of Passenger Compartment (Extended Cab) • Body Harness Routing - Right Front of Passenger Compartment (Crew Cab) • Body Harness Routing - Right Front of Passenger Compartment (Extended Cab) • Instrument Panel Harness Routing - Rear	• X219 Instrument Panel Harness to Body Harness • X219 Instrument Panel Harness to Body Harness
X300	Headliner Harness to Body Harness (16 cavities)	—	In the passenger compartment, top right instrument panel, at the A-pillar	• Body Harness Routing - Left Rear of Passenger Compartment (Extended Cab) • Body Harness Routing - Right Front of Passenger Compartment (Crew Cab) • Body Harness Routing - Right Front of Passenger Compartment (Extended Cab) • Headliner Harness Routing (Crew Cab) • Headliner Harness Routing (Extended Cab)	• X300 Headliner Harness to Body Harness • X300 Headliner Harness to Body Harness (IOR) • X300 Headliner Harness to Body Harness (IOS/IOT) • X300 Headliner Harness to Body Harness (UE1)

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
X301	Body Harness to Headliner Harness (22 cavities)	—	In the passenger compartment, rear of cab roof, at center high mounted stop lamp	• Body Harness Routing - Left Rear of Passenger Compartment (Crew Cab) • Body Harness Routing - Right Front of Passenger Compartment (Extended Cab) • Headliner Harness Routing (Crew Cab) • Headliner Harness Routing (Extended Cab)	X301 Body Harness to Headliner Harness
X302	Floor Console Harness to Instrument Panel Harness	—	In the passenger compartment, right of center, under front of the center console	Center Console Harness Routing	X302 Floor Console Harness to Instrument Panel Harness
X303	Body Harness to Center High Mounted Stop Lamp Harness (3 cavities)	—	In the passenger compartment, rear of cab roof, at center high mounted stop lamp	Body Harness Routing - Left Rear of Passenger Compartment (Crew Cab)	X303 Body Harness to Center High Mounted Stop Lamp Harness
X304	Body Harness to Antenna Harness	C68	In the passenger compartment, behind the inside rearview mirror, near the windshield	Headliner Harness Routing (Extended Cab)	• X304 Body Harness to Antenna Harness (U2K) • X304 Body Harness to Antenna Harness (-U2K)
X305	Instrument Panel Harness to Floor Console Harness (14 cavities)	—	In the passenger compartment, left of center, beneath the instrument panel, under front of the center console	• Center Console Harness Routing • Instrument Panel Harness Routing - Rear	X305 Instrument Panel Harness to Floor Console Harness
X306	Instrument Panel Harness to Floor Console Harness (8 cavities)	MYB	In the passenger compartment, right of center, under front of the center console	Center Console Harness Routing	X306 Instrument Panel Harness to Floor Console Harness
X307	Headliner Harness to Body Harness	—	In the passenger compartment, top right instrument panel, at the A-pillar	• Body Harness Routing - Right Front of Passenger Compartment (Extended Cab) • Headliner Harness Routing (Crew Cab)	X307 Headliner Harness to Body Harness
X308	Headliner Harness to Body Harness	—	In the passenger compartment, on the inside of the rear window	—	• X308 Headliner Harness to Body Harness • X308 Headliner Harness to Body Harness
X309	Body Harness to Antenna Harness	—	In the passenger compartment, on the inside of the rear window	—	X309 Body Harness to Antenna Harness

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
X310	Driver Seat Cushion Harness to Body Harness (23 cavities)	—	In the passenger compartment, under the driver seat	• Body Harness Routing - Left Front of Passenger Compartment (Crew Cab) • Body Harness Routing - Left Front of Passenger Compartment (Extended Cab) • Driver Seat Harness Routing	X310 Driver Seat Cushion Harness to Body Harness
X320	Passenger Seat Harness to Body Harness (23 cavities)	—	In the passenger compartment, under the passenger seat	• Body Harness Routing - Left Rear of Passenger Compartment (Extended Cab) • Body Harness Routing - Right Front of Passenger Compartment (Crew Cab) • Body Harness Routing - Right Front of Passenger Compartment (Extended Cab) • Passenger Seat Harness Routing	X320 Passenger Seat Harness to Body Harness
X400	Rear Fascia Harness to Chassis Harness (10 cavities)	—	Outside of vehicle, under left rear, inboard of the left frame rail, rearward of the left rear leaf spring mount	• Chassis Harness Routing (Crew Cab) • Chassis Harness Routing (LWN) • Rear License Plate Harness Routing	X400 Rear Fascia Harness to Chassis Harness
X401	Cargo Lamp Harness to Chassis Harness (2 cavities)	S0Y	At left rear of vehicle, under the bed next to X410	• Chassis Harness Routing (LWN) • Chassis Harness Routing (S0Y)	X401 Cargo Lamp Harness to Chassis Harness
X402	Rear Fascia Harness to Chassis Harness	UVB	At left rear of vehicle, under bed, at the left rear bed rail	—	X402 Rear Fascia Harness to Chassis Harness
X410	Tail Lamp - Left Harness to Chassis Harness (6 cavities)	—	At left rear of vehicle, under bed, at the left rear bed rail	• Chassis Harness Routing (Crew Cab) • Chassis Harness Routing (Extended Cab) • Chassis Harness Routing (LWN)	X410 Tail Lamp - Left Harness to Chassis Harness

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
X420	Tail Lamp - Right Harness to Chassis Harness (6 cavities)	—	At right rear of vehicle, under bed, at the right rear bed rail	- Chassis Harness Routing (Crew Cab) - Chassis Harness Routing (Extended Cab) - Chassis Harness Routing (LWN)	X420 Tail Lamp - Right Harness to Chassis Harness
X500	Body Harness to Driver Door Harness (34 cavities)	—	In the passenger compartment, left front, in the left front door opening, between hinges on door side	- Body Harness Routing - Left Front of Passenger Compartment (Crew Cab) - Body Harness Routing - Left Front of Passenger Compartment (Extended Cab) - Driver Door Harness Routing	X500 Body Harness to Driver Door Harness
X510	Outside Rearview Mirror Harness to Driver Door Harness (10 cavities)	—	At side of vehicle, front of the driver door, behind the door trim on the door	Driver Door Harness Routing	X510 Outside Rearview Mirror Harness to Driver Door Harness
X600	Body Harness to Passenger Door Harness (34 cavities)	—	In the passenger compartment, right front, in the right front door opening, between hinges on door side	- Body Harness Routing - Left Rear of Passenger Compartment (Extended Cab) - Body Harness Routing - Right Front of Passenger Compartment (Crew Cab) - Body Harness Routing - Right Front of Passenger Compartment (Extended Cab) - Passenger Door Harness Routing	X600 Body Harness to Passenger Door Harness
X610	Outside Rearview Mirror Harness to Passenger Door Harness (10 cavities)	—	At side of vehicle, front of the passenger door, behind the door trim on the door	Passenger Door Harness Routing	X610 Outside Rearview Mirror Harness to Passenger Door Harness
X700	Left Rear Door Harness to Body Harness (12 cavities)	—	(Crew Cab) In the passenger compartment, behind the left B-pillar, near the middle	- Body Harness Routing - Left Rear of Passenger Compartment (Crew Cab) - Left Rear Door Harness Routing (Crew Cab) - Left Rear Door Harness Routing (Extended Cab)	- X700 Left Rear Door Harness to Body Harness (Crew Cab) - X700 Left Rear Door Harness to Body Harness (Extended Cab)

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
X800	Right Rear Door Harness to Body Harness (20 cavities)	—	(Crew Cab) In the passenger compartment, behind the right B-pillar, near the middle	• Body Harness Routing - Right Front of Passenger Compartment (Crew Cab) • Body Harness Routing - Right Rear of Passenger Compartment (Extended Cab) • Right Rear Door Harness Routing (Crew Cab) • Right Rear Door Harness Routing (Extended Cab)	• X800 Right Rear Door Harness to Body Harness (Crew Cab) • X800 Right Rear Door Harness to Body Harness (Extended Cab)
G100	Battery Negative Harness	—	In the engine compartment, left front, below front of underhood fuse block	G100 and G101	—
G101	Battery Negative Harness	—	In the engine compartment, left side, on frame at left front frame cross rail	G100 and G101	—
G102	Battery Negative Harness	—	(LCV) In the engine compartment, on the left side of engine block, near the oil filter	• G102 (LCV) • G102 (LGZ) • G102 (LWN)	—
G103	Forward Lamp Harness	—	(LCV/LGZ) In the engine compartment, beneath the left headlamp assembly, mounted to the radiator support	• G103 (LCV/LGZ), G105 (LWN) • G103 (LWN), G105 (LCV/LGZ)	—
G104	Engine Harness	LGZ	In the engine compartment, on the left front of the engine block, beneath cylinder one	G104 and G109 (LGZ)	—
G105	Forward Lamp Harness	—	(LCV/LGZ) In the engine compartment, beneath the right headlamp assembly, mounted to the radiator support	• G103 (LCV/LGZ), G105 (LWN) • G103 (LWN), G105 (LCV/LGZ)	—
G107	Engine Harness	—	(LCV) In the engine compartment, on the right side of the engine block, rear of generator	• G102 (LWN) • G107 (LCV) • G107 (LWN) • G107 and G108 (LGZ)	—
G108	Engine Harness	—	(LCV) In the engine compartment, on the rear of the engine block	• G107 and G108 (LGZ) • G108 (LCV)	—
G109	Engine Harness	LGZ	In the engine compartment, on the left front of the engine block, beneath cylinder one	G104 and G109 (LGZ)	—
G300	Instrument Panel Harness	—	In the passenger compartment, center, beneath the floor console, rear of floor shifter	G300, G305, and G307	—
G301	Body harness	—	In the passenger compartment, under the driver seat on the floor pan	• G301 and G303 • G301 and G303 (LWN)	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
G302	Body Harness	—	In the passenger compartment, under the passenger seat on the floor pan	G302 and G304 (Crew Cab)	—
G303	Body Harness	—	In the passenger compartment, under the driver seat on the floor pan	- G301 and G303 - G301 and G303 (LWN)	—
G304	Body Harness	—	In the passenger compartment, under the passenger seat on the floor pan	G302 and G304 (Crew Cab)	—
G305	Instrument Panel Harness	—	In the passenger compartment, center, beneath the floor console, rear of floor shifter	G300, G305, and G307	—
G306	Body Harness	C49	In the passenger compartment, left rear, on upper pillar	G306 (C49)	—
G307	Instrument Panel Harness	—	In the passenger compartment, center, beneath the floor console, rear of floor shifter	G300, G305, and G307	—
G400	Chassis Harness	—	Under vehicle, outboard of left frame rail, rearward of the fuel filler neck	- G400 (Crew Cab) - G400 (Extended Cab)	—
G401	Chassis Harness	—	(LCV/LGZ) Under vehicle, outboard of left frame rail, forward of the left leaf spring mount	- G401 (Crew Cab) - G401 (Extended Cab) - G401 and G404 (LWN)	—
G402	Chassis Harness	—	Under vehicle, outboard of right frame rail, forward of the right leaf spring mount	- G402 (Crew Cab) - G402 (Extended Cab)	—
G404	Chassis Harness	LWN	Under vehicle, outboard of left frame rail, forward of the left leaf spring mount	G401 and G404 (LWN)	—
J100	Body Harness	—	(NQ6) In engine compartment, approximately 10.7 cm (4.21 in) from battery current sensor breakout towards rear of vehicle	- Body Harness Routing - Left Engine Compartment (LCV/LGZ) - Body Harness Routing - Left Engine Compartment (LWN)	—
J101	Body Harness	—	(NQ6/NQ7) In engine compartment, approximately 15.7 cm (6.18 in) from battery current sensor breakout towards rear of vehicle	- Body Harness Routing - Left Engine Compartment (LCV/LGZ) - Body Harness Routing - Left Engine Compartment (LWN)	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
J102	Body Harness	—	In engine compartment, approximately 4.0 cm (1.57 in) into X106 breakout	• Body Harness Routing - Left Engine Compartment (LCV/LGZ) • Body Harness Routing - Left Engine Compartment (LWN)	—
J103	Body Harness	—	In engine compartment, approximately 12.5 cm (4.92 in) from battery ground breakout towards body grommet	• Body Harness Routing - Left Engine Compartment (LCV/LGZ) • Body Harness Routing - Left Engine Compartment (LWN)	—
J104	Chassis Harness	—	In engine compartment, approximately 30.7 cm (12.1 in) from X106 breakout towards front of vehicle	• Chassis Harness Routing (Crew Cab) • Chassis Harness Routing (Extended Cab) • Chassis Harness Routing (LWN)	—
J105	Chassis Harness	—	In engine compartment, approximately 5.4 cm (2.13 in) into X106 breakout	• Chassis Harness Routing (Crew Cab) • Chassis Harness Routing (Extended Cab) • Chassis Harness Routing (LWN)	—
J106	Engine Harness	—	(LCV with NQ6/NQ7) In engine compartment, left front of engine, approximately 3 cm (1.81 in) from X101 breakout towards engine	• Engine Harness Routing - Front (LGZ) • Engine Harness Routing - Left Front (LCV) • Engine Harness Routing - Left Front (LWN)	—
J107	Engine Harness	—	(LCV) In engine compartment, front of engine, approximately 5 cm (1.97 in) from camshaft position actuator solenoid valve exhaust breakout towards manifold absolute pressure sensor breakout	• Engine Harness Routing - Front (LGZ) • Engine Harness Routing - Left Front (LCV)	—
J108	Engine Harness	LCV	In engine compartment, left front of engine, approximately 11.1 cm (4.37 in) from camshaft position actuator solenoid valve - exhaust breakout towards X101 breakout	Engine Harness Routing - Left Front (LCV)	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
J109	Engine Harness	—	(LCV with MYB) In engine compartment, front of engine, approximately 10.9 cm (4.29 in) from camshaft position actuator solenoid valve - exhaust breakout towards manifold absolute pressure sensor breakout	• Engine Harness Routing - Front (LGZ) • Engine Harness Routing - Left Front (LCV) • Engine Harness Routing - Right Rear (LWN)	—
J110	Engine Harness	—	(LCV) In engine compartment, front of engine, approximately 2.5 cm (0.98 in) from camshaft position actuator solenoid valve - exhaust breakout towards manifold absolute pressure sensor breakout	• Engine Harness Routing - Front (LGZ) • Engine Harness Routing - Left Front (LCV) • Engine Harness Routing - Left Front (LWN)	—
J111	Engine Harness	—	(LCV) In engine compartment, front of engine, approximately 13.4 cm (5.28 in) from camshaft position actuator solenoid valve - exhaust breakout towards manifold absolute pressure sensor breakout	• Engine Harness Routing - Front (LGZ) • Engine Harness Routing - Left Front (LCV) • Engine Harness Routing - Right Rear (LWN)	—
J112	Engine Harness	LCV	In engine compartment, right front of engine, approximately 5 cm (1.97 in) from ignition coil 1 breakout towards ignition coil 2 breakout	Engine Harness Routing - Right Front Top (LCV)	—
J113	Engine Harness	—	(LCV) In engine compartment, right front of engine, approximately 2.5 cm (0.98 in) from ignition coil 1 breakout towards ignition coil 2 breakout	• Engine Harness Routing - Front (LGZ) • Engine Harness Routing - Right Front Top (LCV)	—
J114	Engine Harness	—	(LCV) In engine compartment, right front of engine, approximately 2.5 cm (0.98 in) from ignition coil 1 breakout towards camshaft position actuator solenoid valve - intake breakout	• Engine Harness Routing - Front (LGZ) • Engine Harness Routing - Right Front Top (LCV)	—
J115	Engine Harness	LGZ	In engine compartment, left front of engine, approximately 15.5 cm (6.10 in) from X101 breakout towards right side of engine, near oil fill cap	Engine Harness Routing - Front (LGZ)	—
J116	Engine Harness	LGZ	In engine compartment, left front of engine, approximately 2 cm (0.79 in) from ignition coil 2 breakout towards rear of engine	Engine Harness Routing - Front (LGZ)	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
J117	Forward Lamp Harness	—	(LCV/LGZ) In engine compartment, approximately 7.8 cm (3.07 in) into underhood fuse block X1 breakout	- Forward Lamp Harness Routing - Left Engine Compartment - Forward Lamp Harness Routing - Left Engine Compartment (LWN)	—
J118	Forward Lamp Harness	—	(T3U with LCV/LGZ) In engine compartment, approximately 29.6 cm (11.7 in) into underhood fuse block X1 breakout	- Forward Lamp Harness Routing - Left Engine Compartment - Forward Lamp Harness Routing - Left Engine Compartment (LWN)	—
J119	Forward Lamp Harness	—	(T3U with LCV/LGZ) In engine compartment, approximately 15.6 cm (6.14 in) into underhood fuse block X1 breakout	- Forward Lamp Harness Routing - Left Engine Compartment - Forward Lamp Harness Routing - Left Engine Compartment (LWN)	—
J120	Forward Lamp Harness	—	In engine compartment, approximately 28.2 cm (11.7 in) from right fog lamp breakout towards cooling fan control module breakout	- Engine Harness Routing - Left Front (LWN) - Forward Lamp Harness Routing - Right Engine Compartment	—
J121	Left Headlamp Harness	—	Outside of the vehicle, internal to the left headlamp assembly	—	—
J122	Right Headlamp Harness	—	Outside of the vehicle, internal to the right headlamp assembly	—	—
J123	Body Harness	—	(LCV/LGZ) In engine compartment, approximately 29.7 cm (11.7 in) from battery current sensor towards rear of vehicle	- Body Harness Routing - Left Engine Compartment (LCV/LGZ) - Body Harness Routing - Left Engine Compartment (LWN)	—
J125	Engine Harness	LWN	In engine compartment, left of engine, approximately 14.8 cm (5.83 in) from underhood fuse block X3 breakout towards front of vehicle	Engine Harness Routing - Left Front (LWN)	—
J126	Engine Harness	LWN	In engine compartment, left of engine, approximately 12.4 cm (4.88 in) from underhood fuse block X3 breakout towards front of vehicle	Engine Harness Routing - Left Front (LWN)	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
J127	Engine Harness	LWN	In engine compartment, left of engine, approximately 6 cm (2.36 in) from under-hood fuse block X3 breakout towards front of vehicle	<i>Engine Harness Routing - Left Front (LWN)</i>	—
J128	Engine Harness	—	(LCV) In engine compartment, left rear of engine, approximately 12 cm (4.72 in) from G108	• <i>Engine Harness Routing - Rear (LGZ)</i> • <i>Engine Harness Routing - Right Rear (LCV)</i>	—
J129	Engine Harness	—	(LCV) In engine compartment, right front of engine, approximately 4.1 cm (1.61 in) from the engine oil level switch breakout towards the rear of vehicle	• <i>Engine Harness Routing - Rear (LGZ)</i> • <i>Engine Harness Routing - Right Rear (LCV)</i>	—
J130	Engine Harness	LWN	In engine compartment, left of engine, approximately 5 cm (1.97 in) from under-hood fuse block X3 breakout towards X109 breakout	—	—
J131	Engine Harness	LWN	In engine compartment, left of engine, approximately 20.7 cm (8.15 in) from crankshaft position sensor breakout towards harness main bundle	<i>Engine Harness Routing - Right Rear (LWN)</i>	—
J132	Engine Harness	LWN	In engine compartment, right of engine, approximately 5.7 cm (2.24 in) from engine oil pressure sensor breakout towards exhaust gas recirculation temperature sensor 2 breakout	<i>Engine Harness Routing - Left Front (LWN)</i>	—
J133	Engine Harness	LWN	In engine compartment, right of engine, approximately 6.0 cm (2.36 in) from engine oil pressure sensor breakout towards X107 breakout	<i>Engine Harness Routing - Left Front (LWN)</i>	—
J134	Engine Harness	LGZ	In engine compartment, left of engine, approximately 4 cm (1.6 in) from T8F ignition coil breakout towards front of the engine	—	—
J135	Engine Harness	LGZ	In engine compartment, front of engine, approximately 15.2 cm (5.98 in) from camshaft position actuator solenoid valve - exhaust breakout towards manifold absolute pressure sensor breakout	—	—
J136	Engine Harness	M5T	In engine compartment, approximately 5 cm (1.9 in) from breakout to X175	—	—
J137	Engine Harness	M5T	In engine compartment, approximately 11 cm (4.33 in) from breakout to X175	—	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
J138	Chassis Harness	UVC	In engine compartment, approximately 6 cm (2.3 in) from X106 breakout towards rear of vehicle	—	—
J175	Transmission Harness (Circuit 6388)	M5T	Under the vehicle, inside the transimssion assembly	—	—
J176	Transmission Harness (Circuit 6387)	M5T	Under the vehicle, inside the transimssion assembly	—	—
J177	Transmission Harness	M5T	Internal to the transmission	—	—
J200	Body Harness	—	In passenger compartment, approximately 12.5 cm (4.92 in) from accelerator pedal position sensor breakout towards brake pedal position sensor breakout	• Body Harness Routing - Left Front of Passenger Compartment (Crew Cab) • Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)	—
J201	Body Harness	—	In passenger compartment, approximately 15.6 cm (6.14 in) from park brake switch breakout towards main harness	• Body Harness Routing - Left Front of Passenger Compartment (Crew Cab) • Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)	—
J202	Body Harness	—	In passenger compartment, approximately 8.2 cm (3.23 in) from park brake switch breakout towards main harness	• Body Harness Routing - Left Front of Passenger Compartment (Crew Cab) • Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)	—
J203	Body Harness	—	In passenger compartment, approximately 4.1 cm (1.61 in) from park brake switch breakout towards body control module breakouts	Instrument Panel Harness Routing - Rear	—
J204	Body Harness	—	In passenger compartment, approximately 8.1 cm (3.19 in) from park brake switch breakout towards body control module breakouts	• Body Harness Routing - Left Front of Passenger Compartment (Crew Cab) • Body Harness Routing - Left Front of	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
				<i>Passenger Compartment (Extended Cab)</i>	
J205	Body Harness	—	In passenger compartment, approximately 11.9 cm (4.69 in) from park brake switch breakout towards main harness	• <i>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</i> • <i>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</i>	—
J206	Body Harness	—	In passenger compartment, approximately 4.1 cm (1.61 in) from X500 breakout towards G301 breakout	• <i>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</i> • <i>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</i>	—
J207	Body Harness	—	In passenger compartment, approximately 4.6 cm (1.81 in) from X500 breakout towards JX201 breakout	• <i>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</i> • <i>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</i>	—
J208	Body Harness	—	In passenger compartment, approximately 9.6 cm (3.78 in) from X500 breakout towards JX201 breakout	• <i>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</i> • <i>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</i>	—
J209	Body Harness	—	(Crew Cab) In passenger compartment, approximately 5.0 cm (1.97 in) from G301 breakout towards front of vehicle	• <i>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</i> • <i>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</i>	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
J210	Body Harness	Crew Cab	In passenger compartment, approximately 1.23 cm (4.84 in) from G301 breakout towards front of vehicle	<i>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</i>	—
J211	Body Harness	Crew Cab	In passenger compartment, approximately 22 cm (8.66 in) from G301 breakout towards front of vehicle	<i>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</i>	—
J212	Body Harness	Crew Cab	In passenger compartment, approximately 30.2 cm (11.9 in) from G301 breakout towards front of vehicle	<i>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</i>	—
J213	Body Harness	Crew Cab	In passenger compartment, under passenger door trim plate, approximately 12 cm (4.72 in) from antenna coaxial cable inline connector breakout towards rear of vehicle	<i>Body Harness Routing - Right Front of Passenger Compartment (Crew Cab)</i>	—
J214	Instrument Panel Harness	—	In passenger compartment, behind left side of instrument panel, approximately 8.8 cm (3.46 in) from data link connector breakout towards steering column	—	—
J217	Instrument Panel Harness	KA1	In passenger compartment, behind left side of instrument panel, near body control module, approximately 5.3 cm (2.09 in) into main harness bundle leading toward body control module X1 breakout	<i>Instrument Panel Harness Routing - Rear</i>	—
J218	Instrument Panel Harness	UQ3	In passenger compartment, behind left side of instrument panel, approximately 6.6 cm (2.60 in) from left front speaker breakout towards steering column	<i>Instrument Panel Harness Routing - Rear</i>	—
J219	Instrument Panel Harness	UQ3	In passenger compartment, behind left side of instrument panel, approximately 10 cm (3.94 in) from left front speaker breakout towards steering column	<i>Instrument Panel Harness Routing - Rear</i>	—
J220	Instrument Panel Harness	—	In passenger compartment, behind left side of instrument panel, approximately 3.2 cm (1.26 in) from left front speaker breakout towards steering column	<i>Instrument Panel Harness Routing - Rear</i>	—
J221	Instrument Panel Harness	—	In passenger compartment, behind left side of instrument panel, approximately 15.9 cm (6.26 in) into secondary bundle leading toward steering wheel air bag coil breakout	<i>Instrument Panel Harness Routing - Rear</i>	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
J222	Instrument Panel Harness	IO5/IO6	In passenger compartment, behind center of instrument panel, approximately 13 cm (5.12 in) from X305 breakout towards center console accessory power receptacle breakout	<i>Instrument Panel Harness Routing - Rear</i>	—
J223	Instrument Panel Harness	—	In passenger compartment, behind center of instrument panel, approximately 3.3 cm (1.30 in) from center console accessory power receptacle breakout towards X305 breakout	<i>Instrument Panel Harness Routing - Rear</i>	—
J224	Instrument Panel Harness	—	In passenger compartment, behind center of instrument panel, approximately 5.2 cm (2.05 in) from center console accessory power receptacle breakout towards G305 breakout under center floor console	<i>Instrument Panel Harness Routing - Rear</i>	—
J225	Instrument Panel Harness	—	In passenger compartment, behind center of instrument panel, approximately 29.6 cm (11.7 in) from center console accessory power receptacle breakout towards G305 breakout under center floor console	<i>Instrument Panel Harness Routing - Rear</i>	—
J226	Instrument Panel harness	IO5/IO6	In passenger compartment, behind center of instrument panel, approximately 14.7? cm (5.79?in) from center console accessory power receptacle breakout towards G305 breakout under center floor console	<i>Instrument Panel Harness Routing - Rear</i>	—
J227	Instrument Panel Harness	—	In passenger compartment, behind center of instrument panel, approximately 24.4 cm (9.61 in) from center console accessory power receptacle breakout towards G305 breakout under center floor console	<i>Instrument Panel Harness Routing - Rear</i>	—
J228	Instrument Panel Harness	—	In passenger compartment, behind center of instrument panel, approximately 35.3 cm (13.9 in) from center console accessory power receptacle breakout towards G305 breakout under center floor console	<i>Instrument Panel Harness Routing - Rear</i>	—
J229	Instrument Panel Harness	UQ3	In passenger compartment, behind right side of instrument panel, approximately 4.5 cm (1.77 in) from passenger instrument panel air bag breakout towards radio X4 breakout	<i>Instrument Panel Harness Routing - Rear</i>	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
J230	Instrument Panel Harness	UQ3	In passenger compartment, behind right side of instrument panel, approximately 9 cm (3.54 in) from passenger instrument panel air bag breakout towards radio X4 breakout	<i>Instrument Panel Harness Routing - Rear</i>	—
J232	Steering Wheel Harness	—	In passenger compartment, in the steering wheel harness	—	—
J233	Steering Wheel Harness	—	In passenger compartment, in the steering wheel harness	—	—
J234	Steering Wheel Harness	—	In passenger compartment, in the steering wheel harness	—	—
J235	Body Harness	—	In passenger compartment, approximately 5 cm (1.97 in) from brake pedal position sensor breakout towards accelerator pedal position sensor breakout	• <i>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</i> • <i>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</i>	—
J239	Instrument Panel Harness	—	In passenger compartment, behind left side of instrument panel, approximately 5 cm (1.97 in) from splice pack JX200 breakout towards floor	<i>Instrument Panel Harness Routing - Rear</i>	—
J240	Body Harness	KU1/KU3	In the passenger compartment, under the driver seat approximately 13.7 cm (5.3 in) from G303.	<i>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</i>	—
J241	Instrument Panel Harness	—	In passenger compartment, behind left side of instrument panel, approximately 16 cm (6.3 in) from left front speaker breakout towards left front kick panel.	<i>Instrument Panel Harness Routing - Rear</i>	—
J242	Instrument Panel Harness	—	In the passenger compartment, under the instrument panel, behind the emergency brake assembly at carpet	<i>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</i>	—
J250	Steering Wheel Harness	—	In passenger compartment, in the steering wheel harness	—	—
J251	HVAC Harness	—	In passenger compartment, HVAC assembly harness	—	—
J252	HVAC Harness	—	In passenger compartment, HVAC assembly harness	—	—
J253	Instrument Panel Harness	LWN	In passenger compartment, behind center of instrument panel, approximately 35.3 cm (13.9 in) from	<i>Instrument Panel Harness Routing - Rear</i>	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
J254	Instrument Panel Harness	—	In the passenger compartment, under the instrument panel, left of the steering column and the body control module	• <i>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</i> • <i>Instrument Panel Harness Routing - Rear</i>	—
J300	Body Harness	Crew Cab	In passenger compartment, under passenger door trim plate, approximately 22 cm (8.66 in) from G304 breakout towards front of vehicle	<i>Body Harness Routing - Right Front of Passenger Compartment (Crew Cab)</i>	—
J301	Body Harness	—	In passenger compartment, under passenger seat, approximately 4.0 cm (1.57 in) from X320 breakout towards floor console	• <i>Body Harness Routing - Left Rear of Passenger Compartment (Extended Cab)</i> • <i>Body Harness Routing - Right Front of Passenger Compartment (Crew Cab)</i>	—
J302	Body Harness	Extended Cab	In passenger compartment, under driver door trim plate, approximately 5 cm (1.97 in) from G303 breakout towards rear of vehicle	<i>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</i>	—
J305	Floor Console Harness	—	In passenger compartment, under center floor console, approximately 11.7 cm (4.61 in) from USB receptacle breakout towards rear of vehicle	<i>Center Console Harness Routing</i>	—
J306	Headliner Harness	—	In passenger compartment, above the headliner, approximately 20.3 cm (4.72 in) from the left sunshade mirror lamp breakout towards rear of vehicle	• <i>Headliner Harness Routing (Crew Cab)</i> • <i>Headliner Harness Routing (Extended Cab)</i>	—
J307	Headliner Harness	—	In passenger compartment, above the headliner, approximately 11.7 cm (4.61 in) from the left sunshade mirror lamp breakout towards rear of vehicle	• <i>Headliner Harness Routing (Crew Cab)</i> • <i>Headliner Harness Routing (Extended Cab)</i>	—
J308	Headliner Harness	—	(Crew Cab) In passenger compartment, above the headliner, approximately 35.3 cm (13.9 in) from the left sunshade mirror lamp breakout towards rear of vehicle	• <i>Headliner Harness Routing (Crew Cab)</i> • <i>Headliner Harness Routing (Extended Cab)</i>	—
J309	Driver Seat Cushion Harness	AL9	In passenger compartment, under driver seat, approximately 11 cm (4.3 in) from X310 towards the seat adjuster switch	<i>Driver Seat Harness Routing</i>	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
J310	Passenger Seat Cushion Harness	AT9	In passenger compartment, under passenger seat, approximately 11 cm (4.3 in) from X320 towards the seat adjuster switch	<i>Passenger Seat Harness Routing</i>	—
J311	Driver Seat Cushion Harness	AH6/AL9/KA1	In passenger compartment, under driver seat, approximately 21.5 cm (8.5 in) from X310	<i>Driver Seat Harness Routing</i>	—
J312	Passenger Seat Cushion Harness	AAQ/AT9/KA1	In passenger compartment, under passenger seat, approximately 17.5 cm (6.9 in) from X320	<i>Passenger Seat Harness Routing</i>	—
J313	Passenger Seat Cushion Harness	—	In passenger compartment, under passenger seat, approximately 23.5 cm (9.3 in) from X320	<i>Passenger Seat Harness Routing</i>	—
J314	Driver Seat Cushion Harness	—	In passenger compartment, under driver seat	—	—
J315	Driver Seat Cushion Harness	—	In passenger compartment, under driver seat	—	—
J316	Passenger Seat Cushion Harness	AAQ/AT9/KA1	In passenger compartment, under passenger seat	—	—
J317	Driver Seat Cushion Harness	KU1	In passenger compartment, under driver seat	—	—
J318	Driver Seat Cushion Harness	KU1	In passenger compartment, under driver seat	—	—
J319	Passenger Seat Cushion Harness	KU3	In passenger compartment, under passenger seat	—	—
J320	Passenger Seat Cushion Harness	KU3	In passenger compartment, under passenger seat	—	—
J321	Body Harness	—	In passenger compartment, under passenger door trim plate, approximately 27 cm (10.66 in) from G304 breakout towards front of vehicle	—	—
J400	Chassis Harness	—	Underneath the rear of vehicle, approximately 5.3 cm (2.09 in) from G401 breakout towards rear of vehicle	• <i>Chassis Harness Routing (Crew Cab)</i> • <i>Chassis Harness Routing (Extended Cab)</i> • <i>Chassis Harness Routing (LWN)</i>	—
J401	Chassis Harness	LCV/LGZ	Underneath the rear of vehicle, approximately 13.5 cm (5.31 in) from chassis control module (LFX) or fuel pump driver control module (LCV) breakout towards front of vehicle	• <i>Chassis Harness Routing (Crew Cab)</i> • <i>Chassis Harness Routing (Extended Cab)</i>	—
J402	Chassis Harness	—	(LCV/LGZ) Underneath the rear of vehicle, approximately 6.1 cm (2.40 in) from chassis control module (LFX) or fuel pump driver control module (LCV) breakout towards left frame rail	• <i>Chassis Harness Routing (Crew Cab)</i> • <i>Chassis Harness Routing (Extended Cab)</i> • <i>Chassis Harness Routing (LWN)</i>	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
J404	Chassis Harness	—	Underneath the rear of vehicle, approximately 6.2 cm (2.44 in) into G400 breakout	- Chassis Harness Routing (Crew Cab) - Chassis Harness Routing (Extended Cab) - Chassis Harness Routing (LWN)	—
J405	Chassis Harness	LCV/LGZ	Underneath the rear of vehicle, approximately 20.1 cm (7.91 in) from G400 breakout towards front of vehicle	- Chassis Harness Routing (Crew Cab) - Chassis Harness Routing (Extended Cab)	—
J406	License Harness	—	At rear of vehicle, approximately 10 cm (3.94 in) from inline connector X400	Rear License Plate Harness Routing	—
J407	License Harness	—	At rear of vehicle, approximately 12.5 cm (4.92 in) from inline connector X400	Rear License Plate Harness Routing	—
J408	License Harness	—	At rear of vehicle, approximately 14.9 cm (5.87 in) from left license lamp breakout towards rear camera breakout	Rear License Plate Harness Routing	—
J409	License Harness	—	At rear of vehicle, approximately 4.8 cm (1.89 in) into rear camera breakout	Rear License Plate Harness Routing	—
J410	Chassis Harness	LWN	Underneath the rear of vehicle, approximately 41.2 cm (16.22 in) from the exhaust temperature sensor 2 breakout towards front of vehicle	Chassis Harness Routing (LWN)	—
J411	Chassis Harness	—	(8S3 With Z82) Underneath the rear of vehicle, approximately 65.2 cm (25.7 in) from the exhaust temperature sensor 2 breakout towards front of vehicle	Chassis Harness Routing (LWN)	—
J412	Chassis Harness	—	(8S3 With Z82) Underneath the rear of vehicle, approximately 55.2 cm (21.7 in) from the trailer connector	Chassis Harness Routing (LWN)	—
J413	Chassis Harness	S0Y	At rear of vehicle, in left tail lamp breakout, present with accessory bed lighting kit installed	—	—
J415	Chassis Harness	LWN	At rear of vehicle, approximately 10 cm (3.82 in) from the G401/G404 breakout towards trailer brake power control module	Chassis Harness Routing (LWN)	—
J416	Chassis Harness	LWN	At front of vehicle, approximately 3.3 cm (1.30 in) from the right front wheel speed sensor breakout towards nitrogen oxide sensor 1 breakout	Chassis Harness Routing (LWN)	—

Master Electrical Component List (cont'd)

Code	Name	Option	Location	Locator View	Connector End View
J417	Chassis Harness	LWN	At middle of vehicle, approximately 26.9 cm (10.59 in) into the nitrogen oxide sensor 2 breakout	<i>Chassis Harness Routing (LWN)</i>	—
J418	Chassis Harness	LWN	At middle of vehicle, approximately 14 cm (5.51 in) from exhaust particulate matter sensor breakout towards exhaust temperature sensor 5 breakout	<i>Chassis Harness Routing (LWN)</i>	—
J419	Chassis Harness	LWN	At middle of vehicle, approximately 9.1 cm (3.58 in) from exhaust particulate matter sensor breakout towards exhaust temperature sensor 5 breakout	<i>Chassis Harness Routing (LWN)</i>	—
J420	Chassis Harness	LWN	Underneath the rear of vehicle, approximately 25.7 cm (10.12 in) from the exhaust temperature sensor 2 breakout towards front of vehicle	<i>Chassis Harness Routing (LWN)</i>	—
J421	Chassis Harness	LWN	Underneath the rear of vehicle, approximately 5 cm (1.97 in) from the exhaust temperature sensor 2 breakout towards front of vehicle	<i>Chassis Harness Routing (LWN)</i>	—
J422	Chassis Harness	LWN	At middle of vehicle, approximately 31.9 cm (12.56 in) into the nitrogen oxide sensor 2 breakout	<i>Chassis Harness Routing (LWN)</i>	—
J423	Chassis Harness	LWN	Underneath the rear of vehicle, approximately 36.2 cm (14.25 in) from the exhaust temperature sensor 2 breakout towards front of vehicle	<i>Chassis Harness Routing (LWN)</i>	—
J424	Chassis Harness	LWN	Underneath the rear of vehicle, approximately 16 cm (6.22 in) from the reductant control module connector X1	<i>Chassis Harness Routing (LWN)</i>	—
J425	Chassis Harness	—	Underneath the rear of vehicle, approximately 14.5 cm (5.7 in) from G400 breakout	—	—
J426	Chassis Harness	—	Underneath the rear of vehicle, approximately 38.9 cm (15.3 in) from G400 breakout	—	—
J427	Chassis Harness	—	In engine compartment, approximately 47.4 cm (18.6 in) from X103 breakout towards rear of vehicle	—	—
J428	Chassis Harness	—	In engine compartment, approximately 49.4 cm (19.4 in) from X103 breakout towards rear of vehicle	—	—

Master Electrical Component List (cont'd)

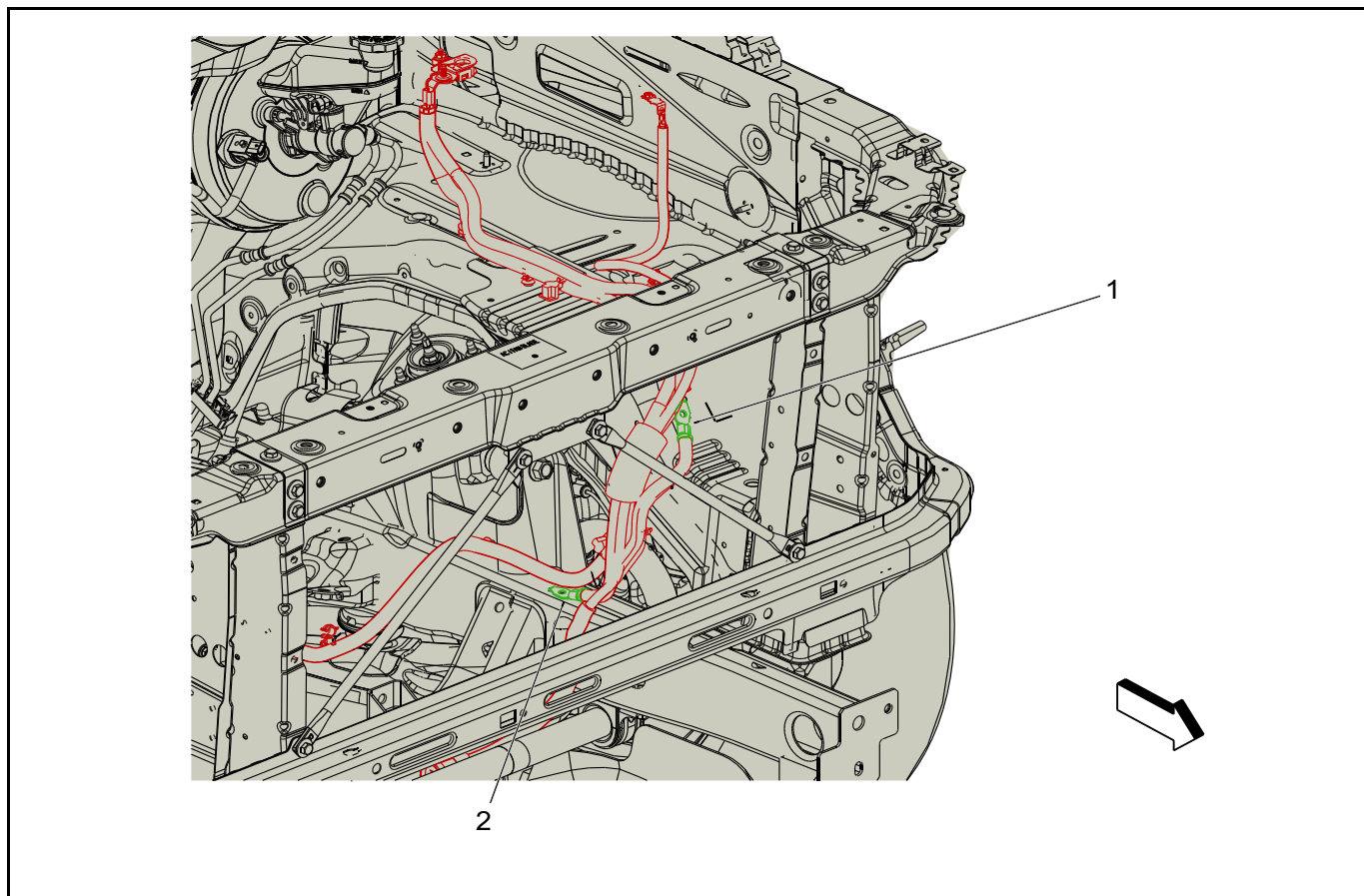
Code	Name	Option	Location	Locator View	Connector End View
J430	Chassis Harness	—	Outside of vehicle, under left rear, approximately 24 cm (9.4 in) from X400	—	—
J434	Chassis Harness	—	Outside of vehicle, under left rear, approximately 14 cm (5.5 in) from X400	—	—
J501	Driver Door Harness	—	In the driver door, approximately 7.9 cm (3.11 in) from window motor breakout towards front of vehicle	<i>Driver Door Harness Routing</i>	—
J502	Driver Door Harness	—	In the driver door, approximately 3.2 cm (1.26 in) from window motor breakout towards impact sensor breakout	<i>Driver Door Harness Routing</i>	—
J503	Driver Door Harness	—	In the driver door, approximately 21.3 cm (8.39 in) from window motor breakout towards front	<i>Driver Door Harness Routing</i>	—
J504	Driver Door Harness	—	In the driver door, approximately 15.4 cm (6.06 in) from speaker breakout towards rear of vehicle	<i>Driver Door Harness Routing</i>	—
J505	Driver Door Harness	—	In the driver door, approximately 31.5 cm (12.4 in) from speaker breakout towards rear of vehicle	<i>Driver Door Harness Routing</i>	—
J600	Passenger Door Harness	—	In the passenger door, approximately 18.2 cm (7.17 in) from window motor breakout towards front of vehicle	<i>Passenger Door Harness Routing</i>	—
J700	Left Rear Door Harness	Extended Cab	In the left rear door, near rear, approximately 15.9 cm (6.29 in) from speaker breakout towards rear of vehicle	<i>Left Rear Door Harness Routing (Extended Cab)</i>	—
J701	Left Rear Door Harness	—	(Crew Cab) In the left rear door, near front, approximately 6.0 cm (2.36 in) from window switch — left rear breakout towards window motor	• <i>Left Rear Door Harness Routing (Crew Cab)</i> • <i>Left Rear Door Harness Routing (Extended Cab)</i>	—
J800	Right Rear Door Harness	Extended Cab	In the right rear door, near rear, approximately 16.2 cm (6.38 in) from speaker breakout towards rear of vehicle	<i>Right Rear Door Harness Routing (Extended Cab)</i>	—
J801	Right Rear Door Harness	—	(Crew Cab) In the right rear door, near front, approximately 6.0 cm (2.36 in) from window switch — right rear breakout towards window motor	• <i>Right Rear Door Harness Routing (Crew Cab)</i> • <i>Right Rear Door Harness Routing (Extended Cab)</i>	—

Wiring Systems and Power Management

Component Locator

Ground Views

G100 and G101

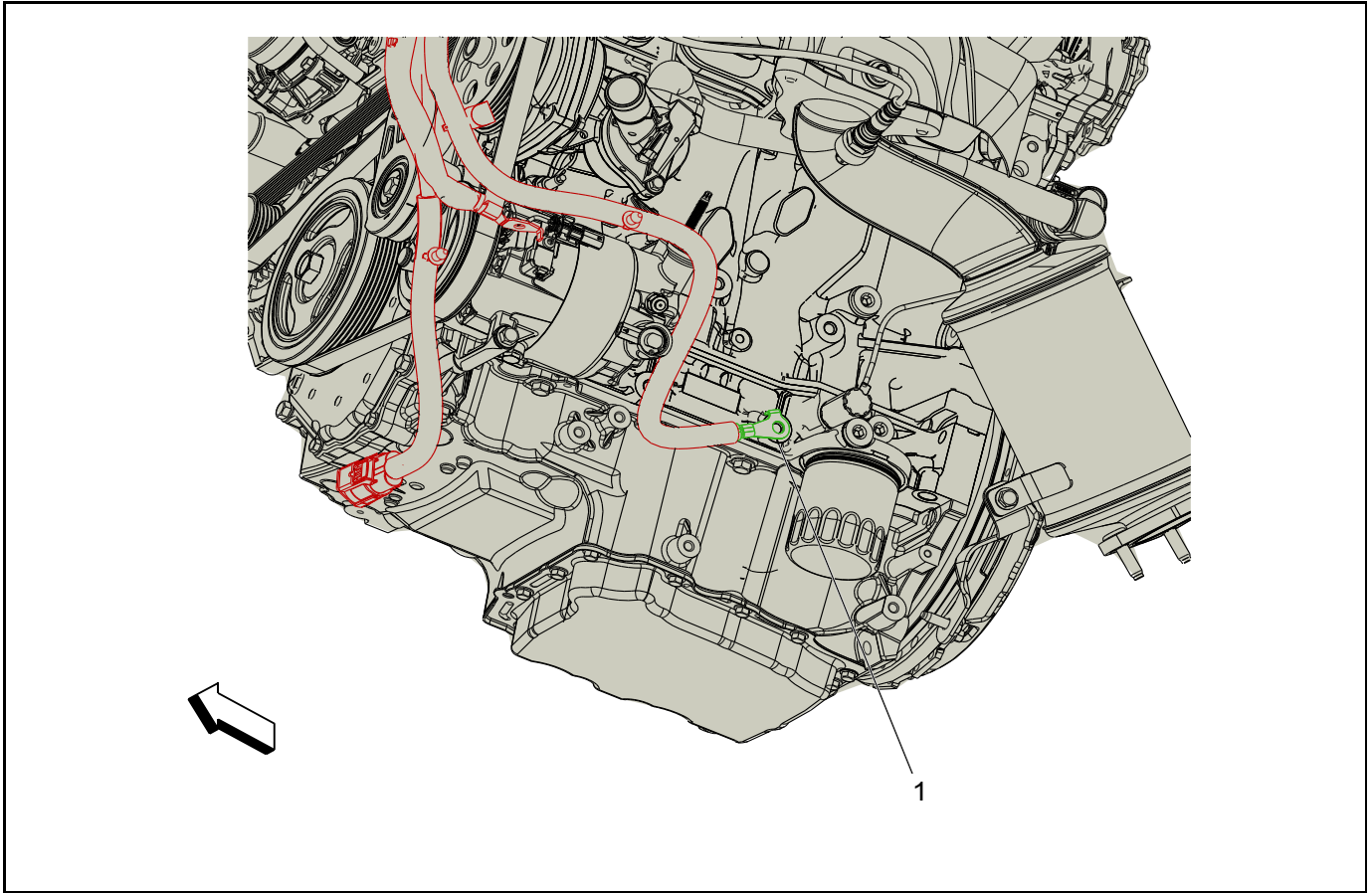


3980481

Items

- (1) G100 Battery Negative Harness
- (2) G101 Battery Negative Harness

G102 (LCV)

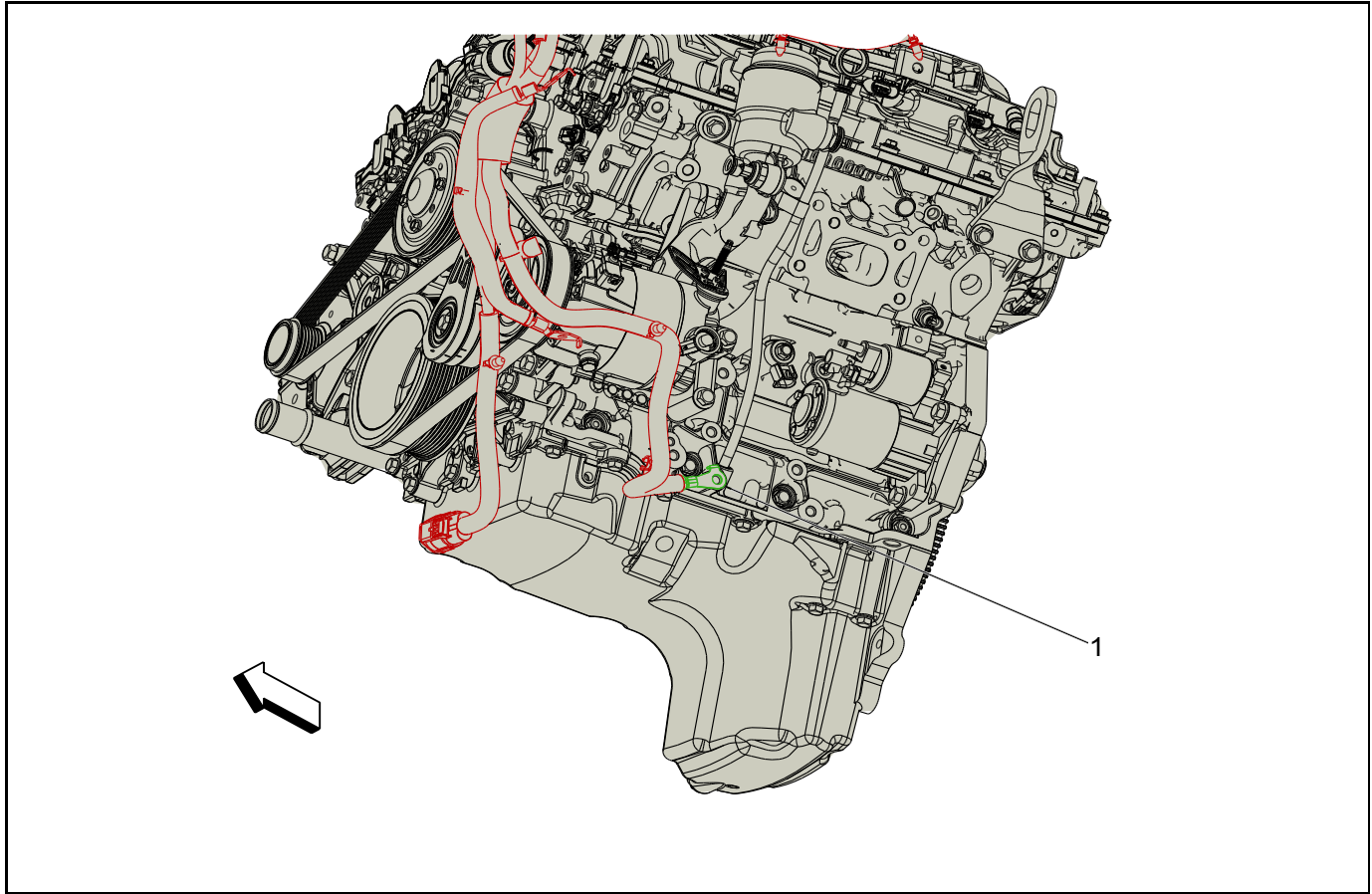


3980485

Items

- (1) G102 Battery Negative Harness

G102 (LGZ)

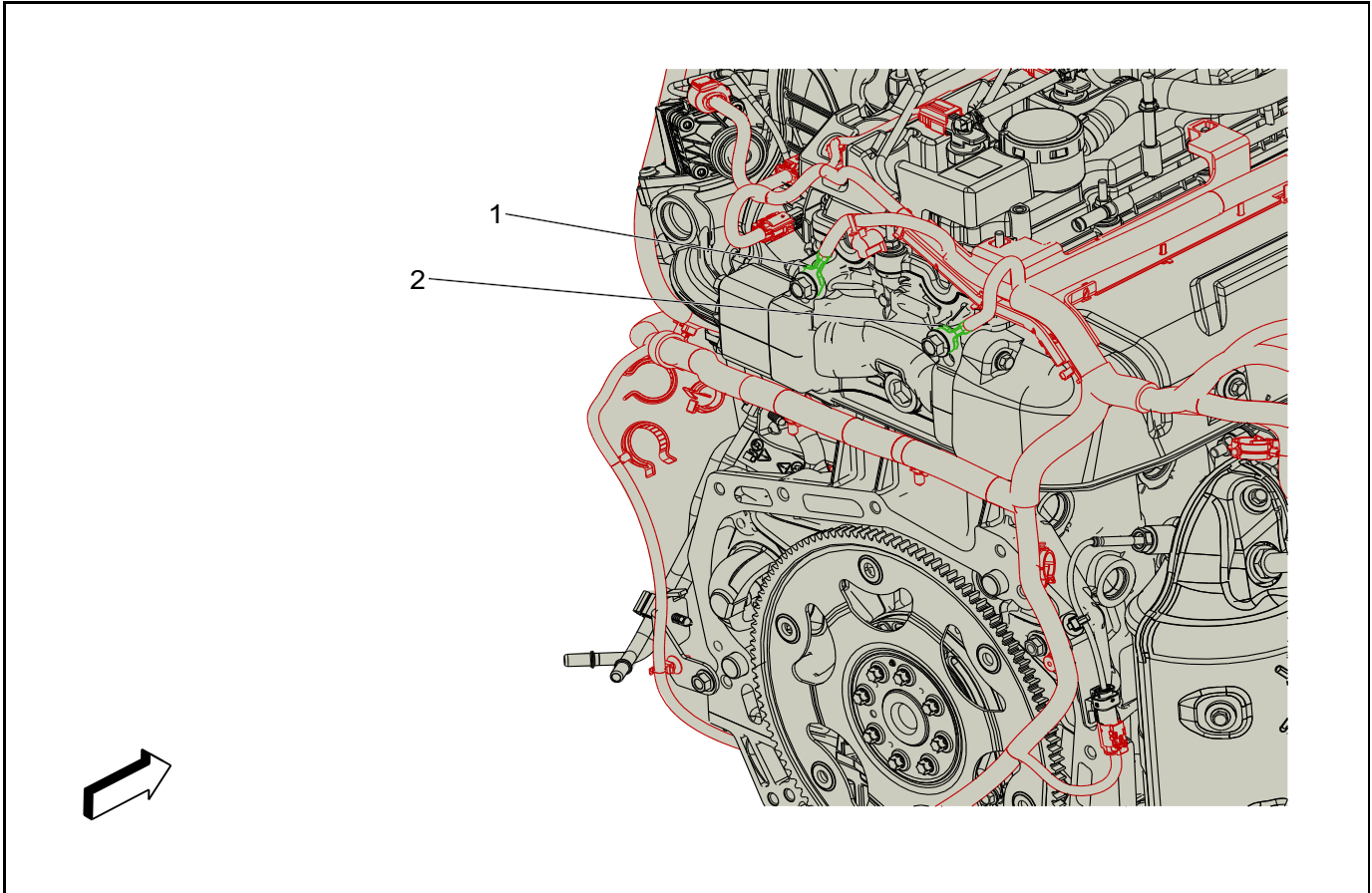


3980488

Items

- (1) G102 Battery Negative Harness

G102 (LWN)

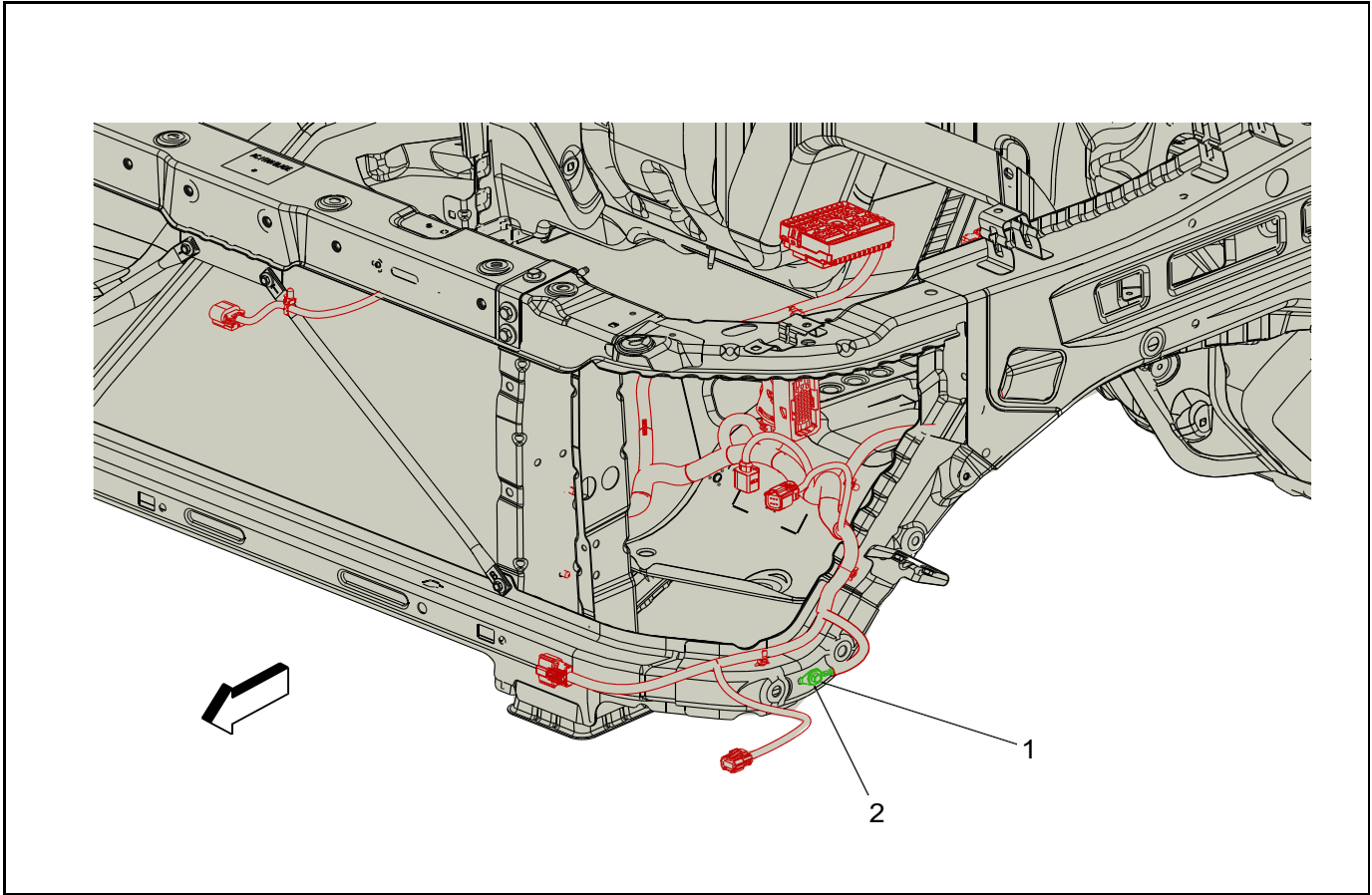


4554096

Items

- (1) G102 Battery Negative Harness
- (2) G107 Engine Harness

G103 (LCV/LGZ), G105 (LWN)

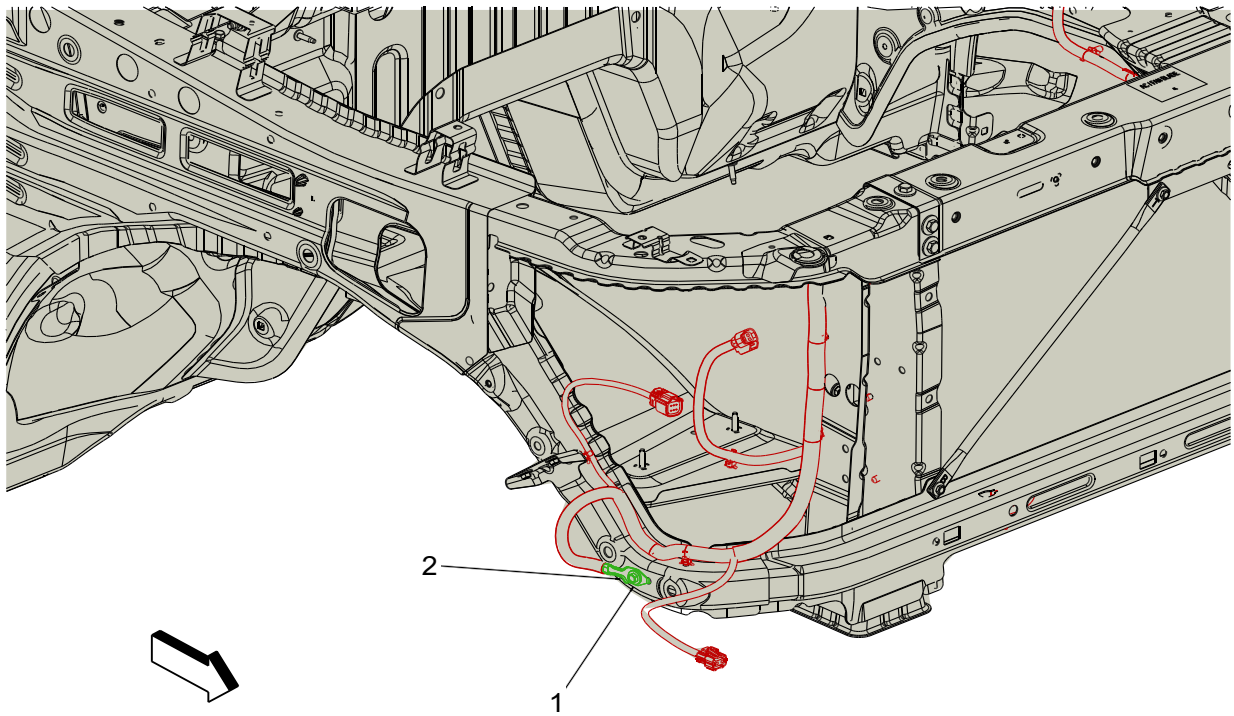


4169196

Items

- (1) G103 Forward Lamp Harness
- (2) G105 Forward Lamp Harness

G103 (LWN), G105 (LCV/LGZ)

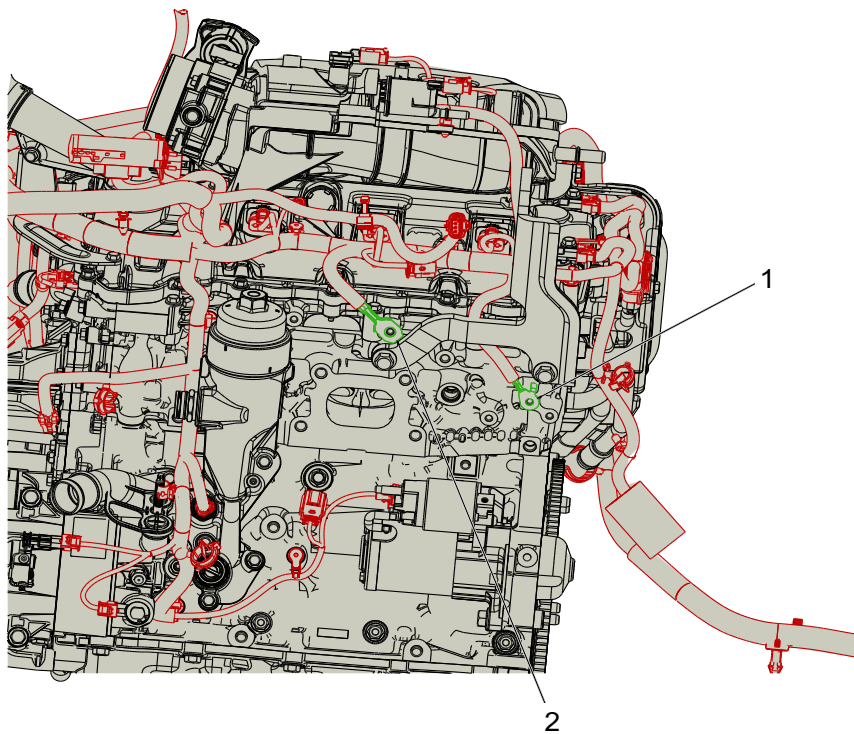


4169199

Items

- (1) G105 Forward Lamp Harness
- (2) G103 Forward Lamp Harness

G104 and G109 (LGZ)



4649221

Items

- (1) G109 Engine Harness (LGZ)
- (2) G104 Engine Harness (LGZ)

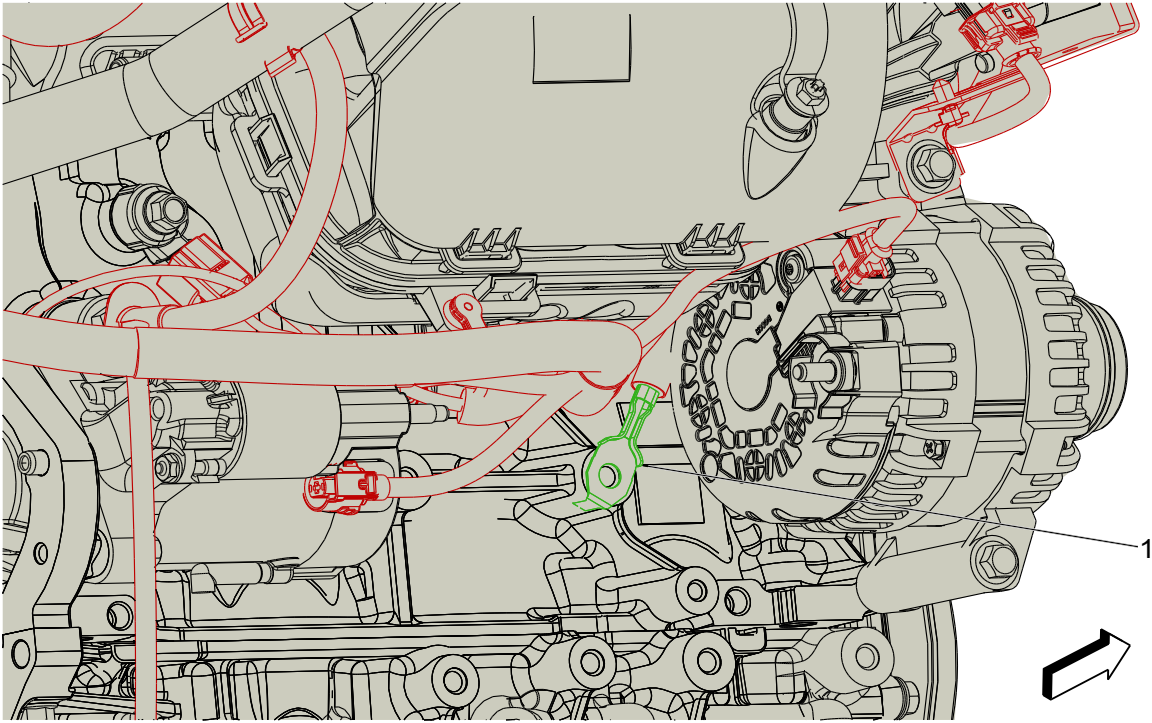
G107 and G108 (LGZ)

5023507

Items

- (1) G108 Engine Harness
- (2) G107 Engine Harness

G107 (LCV)

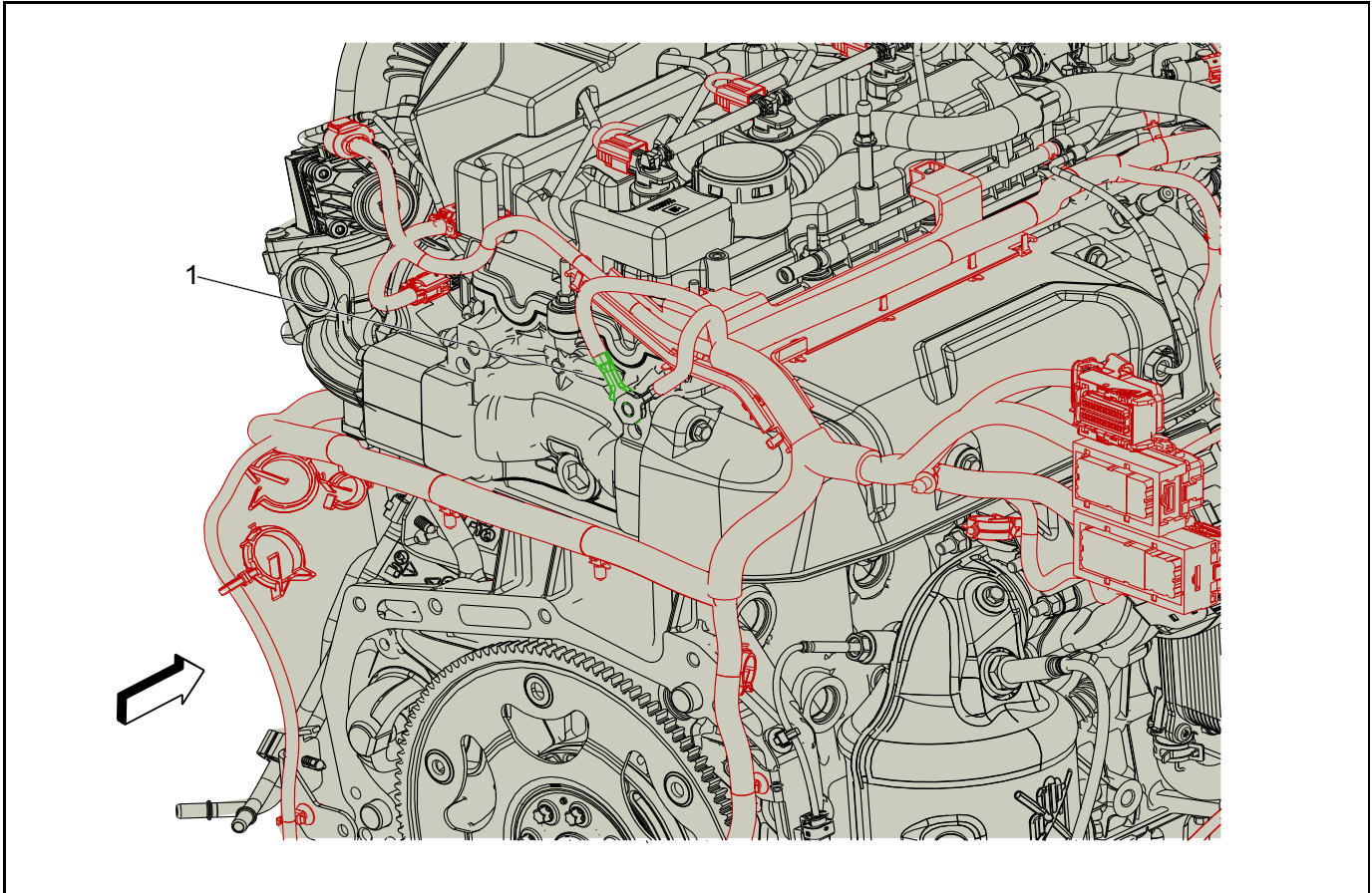


3932216

Items

- (1) G107 Engine Harness

G107 (LWN)

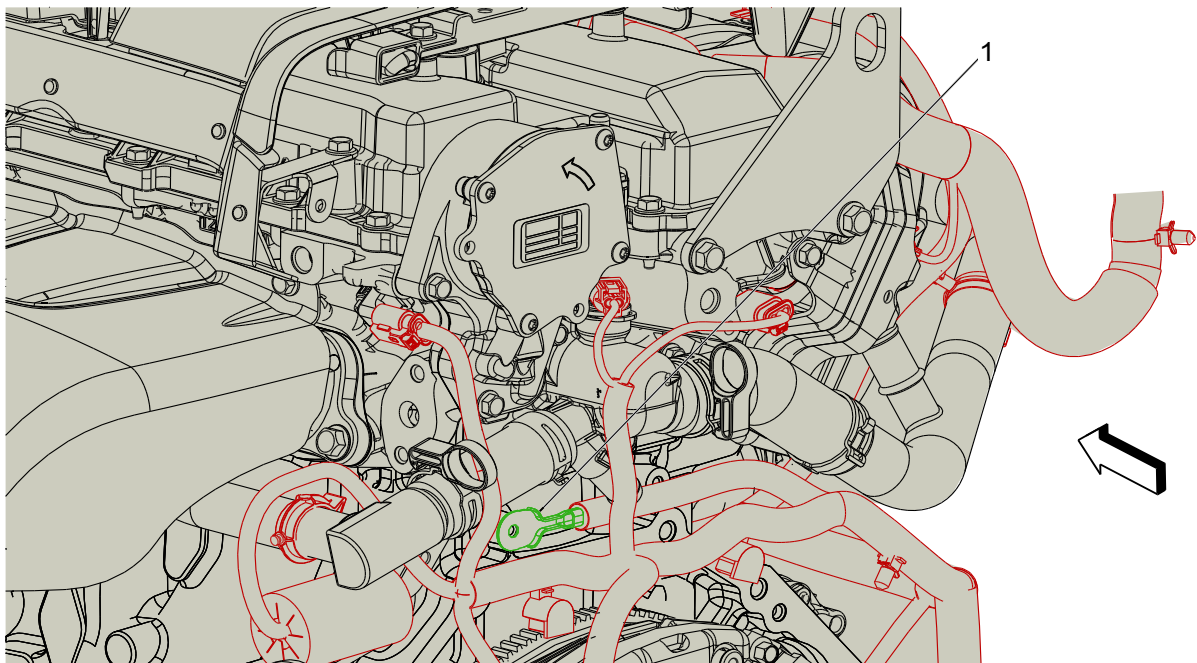


4122361

Items

- (1) G107 Engine Harness

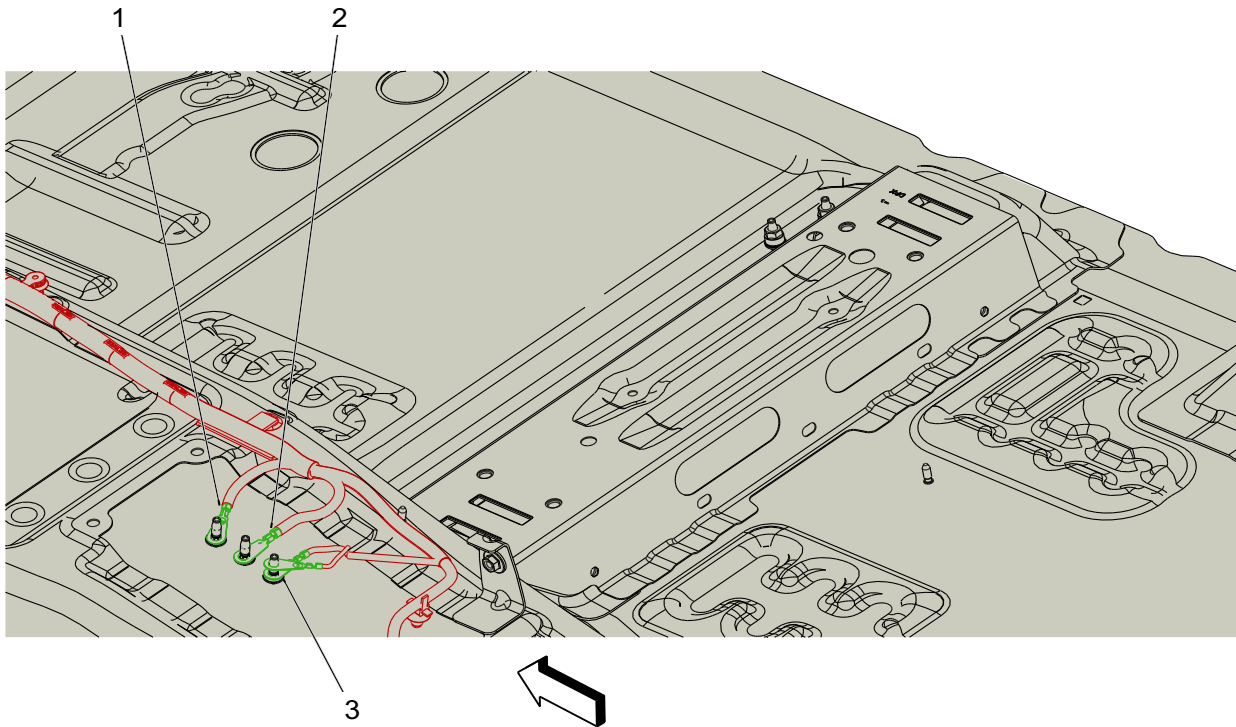
G108 (LCV)



3932221

Items

- (1) G108 Engine Harness

G300, G305, and G307

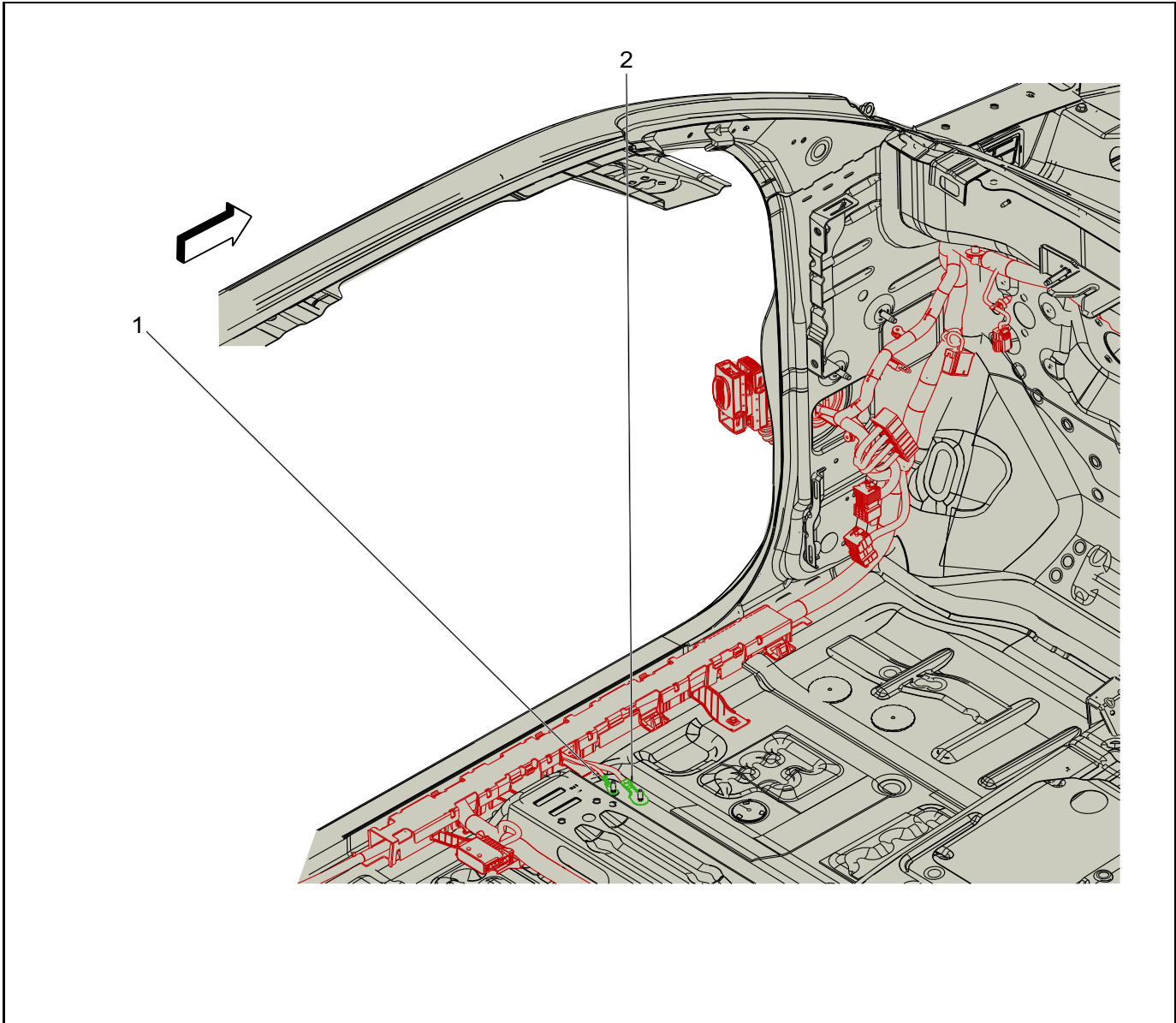
3932348

Items

- (1) G300 Instrument Panel Harness
- (2) G305 Instrument Panel Harness

- (3) G307 Instrument Panel Harness

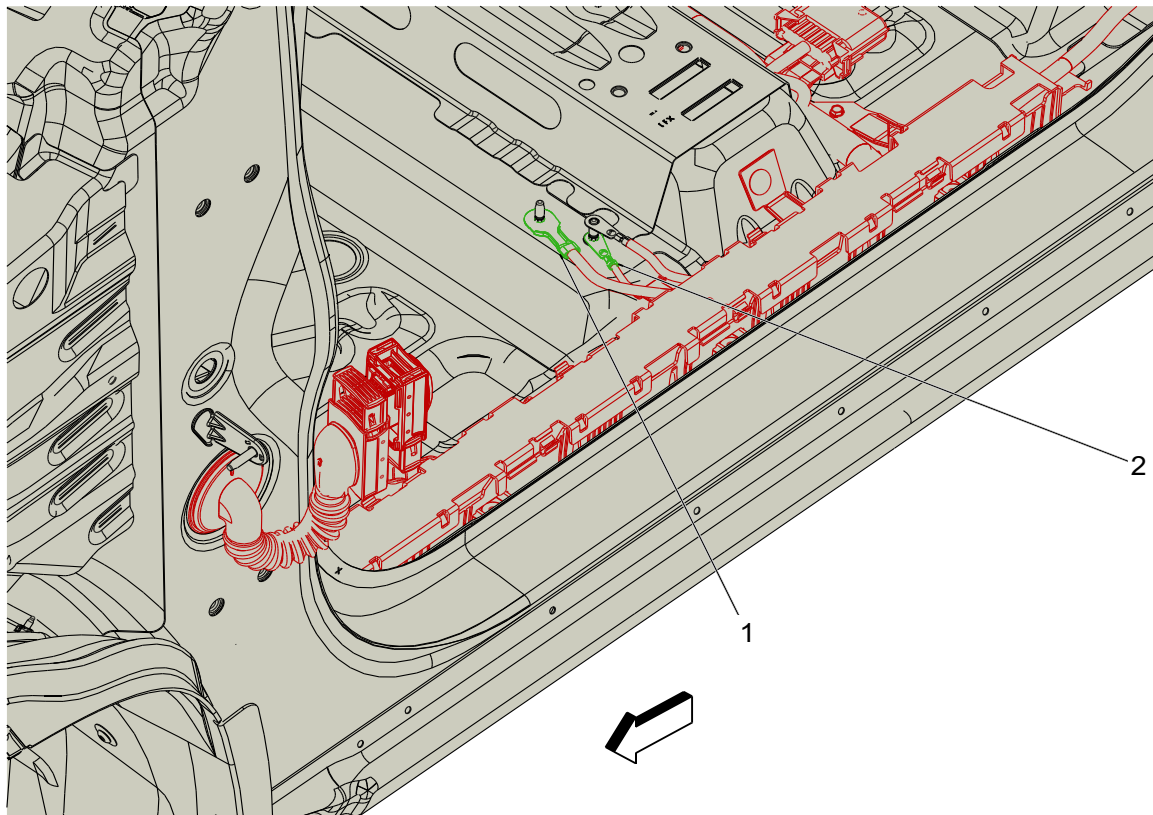
G301 and G303



3932359

Items

- (1) G303 Body Harness
- (2) G301 Body harness

G301 and G303 (LWN)

4122362

Items

- (1) G301 Body harness
- (2) G303 Body Harness