

ELECTRICAL

Wiring Systems and Power Management - Component Locator - Master Electrical Component List - Canyon, Colorado

MASTER ELECTRICAL COMPONENT LIST

Code	Name	Option	Location	Locator View	Connector End View
A3L	Sunshade - Left	-	In the front of the passenger compartment, above the driver seat	-	-
A3R	Sunshade - Right	-	In the front of the passenger compartment, above the passenger seat	-	-
A7	Fuel Pump and Level Sensor Assembly	LCV/LFX	Under the vehicle, on top the fuel tank	<u>Underbody Components (2 of 3)</u>	<u>A7 Fuel Pump and Level Sensor Assembly (LCV/LFX)</u>
A7	Fuel Pump and Level Sensor Assembly	LWN	Under the vehicle, on top the fuel tank	<u>Underbody Components (2 of 3)</u>	<u>A7 Fuel Pump and Level Sensor Assembly (LWN)</u>
A9A	Outside Rearview Mirror - Driver	-	Outside the vehicle, at the front of the driver door	<u>Front of Vehicle/Engine Compartment Component Views</u> <u>Front of Vehicle Components (GMC/Z88)</u>	-
A9B	Outside Rearview Mirror - Passenger	-	Outside the vehicle, at the front of the passenger door	<u>Front of Vehicle/Engine Compartment Component Views</u> <u>Front of Vehicle Components (GMC/Z88)</u>	-
A10	Inside Rearview Mirror	-	In the passenger compartment, at the top center of the windshield, behind mirror	<u>Passenger Compartment/Roof Component Views</u> <u>Headliner Components (Extended Cab)</u>	<u>A10 Inside Rearview Mirror</u>

	Name	Option	Location	Locator View	Connector End View
A11	Radio	-	In the passenger compartment, center of the instrument panel, behind the info display module	<u>Behind the Instrument Panel Components</u>	• <u>A11 Radio X1</u> • <u>A11 Radio X2</u> • <u>A11 Radio X3</u> • <u>A11 Radio X4</u> • <u>A11 Radio X6 (U2K)</u> • <u>A11 Radio X7</u> • <u>A11 Radio X8 (IO3)</u>
A16	Transfer Case Motor	NQ6/NQ7	On the underbody, mounted to the bottom rear of the transfer case	<u>Automatic Transmission Components (MYB with NQ6/NQ7)</u>	<u>A16 Transfer Case Motor (NQ6/NQ7)</u>
A22	Radio Controls	-	In the passenger compartment, at the center of the instrument panel, part of the info display module	<u>Front of the Instrument Panel Components</u>	-
A23D	Door Latch Assembly - Driver	-	In the passenger compartment, at the middle rear of the driver door	<u>Driver Door Components</u>	<u>A23D Door Latch Assembly - Driver</u>
A23G	Door Latch Assembly - Left Rear Lower	Extended Cab	In the passenger compartment, at the lower front of the left rear door	<u>Left Rear Door Components (Extended Cab)</u>	<u>A23G Door Latch Assembly - Left Rear Lower (Extended Cab)</u>
A23H	Door Latch Assembly - Left Rear Upper	Extended Cab	In the passenger compartment, at the upper front of the left rear door	<u>Left Rear Door Components (Extended Cab)</u>	<u>A23H Door Latch Assembly - Left Rear Upper (Extended Cab)</u>
A23J	Door Latch Assembly - Right Rear Lower	Extended Cab	In the passenger compartment, at the lower front of the right rear door	<u>Right Rear Door Components (Extended Cab)</u>	<u>A23J Door Latch Assembly - Right Rear Lower (Extended Cab)</u>
A23K	Door Latch Assembly - Right Rear Upper	Extended Cab	In the passenger compartment, at the upper front of the right rear door	<u>Right Rear Door Components (Extended Cab)</u>	<u>A23K Door Latch Assembly - Right Rear Upper (Extended Cab)</u>

	Name	Option	Location	Locator View	Connector End View
A23LR	Door Latch Assembly - Left Rear	Crew Cab	In the passenger compartment, at the middle rear of the left rear door	<u>Left Rear Door Components (Crew Cab)</u>	<u>A23LR Door Latch Assembly - Left Rear (Crew Cab)</u>
A23P	Door Latch Assembly - Passenger	-	In the passenger compartment, at the middle rear of the passenger door	<u>Passenger Door Components</u>	<u>A23P Door Latch Assembly - Passenger</u>
A23RR	Door Latch Assembly - Right Rear	Crew Cab	In the passenger compartment, at the middle rear of the right rear door	<u>Right Rear Door Components (Crew Cab)</u>	<u>A23RR Door Latch Assembly - Right Rear (Crew Cab)</u>
A26	HVAC Controls	-	In the passenger compartment, at the middle center of the instrument panel, below the radio controls	<u>Front of the Instrument Panel Components</u>	<u>A26 HVAC Controls</u>
A38	Reductant Pump and Sensor Assembly	LWN	Outside the vehicle, above the spare tire, mounted on bottom of the reductant tank	<u>Underbody Components (LWN) (5 of 6)</u>	<u>A38 Reductant Pump and Sensor Assembly (LWN)</u>
B1	A/C Refrigerant Pressure Sensor	LCV	In the front of the engine compartment, on the right side of the A/C compressor	<u>Left Front of the Engine Components (LCV)</u>	<u>B1 A/C Refrigerant Pressure Sensor</u>
B1	A/C Refrigerant Pressure Sensor	LFX	In the front of the engine compartment, on the front left side of the engine, on the A/C compressor high pressure line above the compressor	<u>Left Front of the Engine Components (LFX)</u>	<u>B1 A/C Refrigerant Pressure Sensor</u>

	Name	Option	Location	Locator View	Connector End View
B1	A/C Refrigerant Pressure Sensor	LWN	In the front of the engine compartment, on the front left side of the engine, on the A/C compressor high pressure line near the compressor	<u>Left Front of the Engine Components (LWN)</u>	<u>B1 A/C Refrigerant Pressure Sensor</u>
B5LF	Wheel Speed Sensor - Left Front	-	Outside the vehicle, in the left front hub assembly	<u>Right Front Wheel Well Component</u>	<u>B5LF Wheel Speed Sensor - Left Front</u>
B5LR	Wheel Speed Sensor - Left Rear	-	Outside the vehicle, in the left rear hub assembly	<u>Right Front Wheel Well Component</u>	<u>B5LR Wheel Speed Sensor - Left Rear</u>
B5RF	Wheel Speed Sensor - Right Front	-	Outside the vehicle, in the right front hub assembly	<u>Right Front Wheel Well Component</u>	<u>B5RF Wheel Speed Sensor - Right Front</u>
B5RR	Wheel Speed Sensor - Right Rear	-	Outside the vehicle, in the right rear hub assembly	<u>Right Front Wheel Well Component</u>	<u>B5RR Wheel Speed Sensor - Right Rear</u>
B7B	Air Temperature Sensor - Duct Lower	C68	In the passenger compartment, in the floor vent of the front console	<u>HVAC Assembly Components</u>	<u>B7B Air Temperature Sensor - Duct Lower</u>
B7F	Air Temperature Sensor - Duct Upper	C68	In the passenger compartment, behind the instrument panel, on the upper left side of the HVAC module	<u>HVAC Assembly Components</u>	<u>B7F Air Temperature Sensor - Duct Upper</u>
B9	Ambient Air Temperature Sensor	-	Outside the vehicle, in the front, behind the bottom center of grille	<u>Front of Vehicle/Engine Compartment Component Views</u> <u>Front of Vehicle Components (GMC/Z88)</u>	<u>B9 Ambient Air Temperature Sensor</u>

	Name	Option	Location	Locator View	Connector End View
B10B	Ambient Light/Sunload Sensor	-	In the passenger compartment, at the top center of the instrument panel, in the defroster deflector	<u>Front of the Instrument Panel Components</u>	<u>B10B Ambient Light/Sunload Sensor</u>
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	-	-
B14A	Transmission Output Shaft Speed Sensor	MYB	Under the vehicle, internal to the transmission assembly	-	-
B14A	Transmission Output Shaft Speed Sensor	NQ6/NQ7	Under the vehicle, on the transfer case assembly	<u>Automatic Transmission Components (MYB with NQ6/NQ7)</u>	<u>B14A Transmission Output Shaft Speed Sensor (NQ6/NQ7)</u>
B14A	Transmission Output Shaft Speed Sensor	N8D	Under the vehicle, on the manual transmission assembly	<u>Manual Transmission Components (N8D)</u>	<u>B14A Transmission Output Shaft Speed Sensor (N8D)</u>
B14C	Transmission Input Shaft Speed Sensor	MYB	Under the vehicle, internal to the transmission assembly	-	-
B15	Transmission Internal Mode Switch	MYB	Under the vehicle, internal to the transmission assembly	-	-
B16	Backup Lamp Switch	N8D	In the engine compartment, on top of the transmission	<u>Manual Transmission Components (N8D)</u>	<u>B16 Backup Lamp Switch (N8D)</u>

	Name	Option	Location	Locator View	Connector End View
B18	Battery Current Sensor	-	In the engine compartment, on the negative battery cable	<u>Left Side of Engine Compartment Components (1 of 2)</u>	<u>B18 Battery Current Sensor</u>
B19B	Brake Booster Vacuum Sensor	-	At the rear of the engine compartment, on the power brake booster vacuum check valve	<u>Left Side of Engine Compartment Components (1 of 2)</u>	<u>B19B Brake Booster Vacuum Sensor</u>
B20	Brake Fluid Level Switch	LCV/LFX	At the rear of the engine compartment, on the brake fluid reservoir	<u>Left Side of Engine Compartment Components (1 of 2)</u>	<u>B20 Brake Fluid Level Switch (LCV/LFX)</u>
B20	Brake Fluid Level Switch	LWN	At the rear of the engine compartment, on the brake fluid reservoir	<u>Left Side of Engine Compartment Components (1 of 2)</u>	<u>B20 Brake Fluid Level Switch (LWN)</u>
B22	Brake Pedal Position Sensor	MYB	In the passenger compartment, above the brake pedal assembly	<u>Below Left Side of the Instrument Panel Components (MYB)</u>	<u>B22 Brake Pedal Position Sensor (MYB)</u>
B22	Brake Pedal Position Sensor	N8D	In the passenger compartment, above the brake pedal assembly	<u>Below Left Side of the Instrument Panel Components (N8D)</u>	<u>B22 Brake Pedal Position Sensor (N8D)</u>
B23	Camshaft Position Sensor	LWN	In the engine compartment, front of engine, right of center, near intake manifold	<u>Right Bottom of Engine Components (LWN)</u>	<u>B23F Camshaft Position Sensor - Intake (LWN)</u>
B23A	Camshaft Position Sensor - Bank 1 Exhaust	LFX	In the engine compartment, near front, right of center, above of the bank 1 exhaust camshaft position actuator solenoid valve	<u>Left Front of the Engine Components (LFX)</u>	<u>B23A Camshaft Position Sensor - Bank 1 Exhaust (LFX)</u>

	Name	Option	Location	Locator View	Connector End View
B23B	Camshaft Position Sensor - Bank 1 Intake	LFX	In the engine compartment, near front, right of center, left of the bank 1 intake camshaft position actuator solenoid valve	<u>Left Front of the Engine Components (LFX)</u>	<u>B23B Camshaft Position Sensor - Bank 1 Intake (LFX)</u>
B23C	Camshaft Position Sensor - Bank 2 Exhaust	LFX	In the engine compartment, near front, left of center, above of the bank 2 exhaust camshaft position actuator solenoid valve	<u>Left Front of the Engine Components (LFX)</u>	<u>B23C Camshaft Position Sensor - Bank 2 Exhaust (LFX)</u>
B23D	Camshaft Position Sensor - Bank 2 Intake	LFX	In the engine compartment, near front, left of center, right of the bank 2 intake camshaft position actuator solenoid valve	<u>Left Front of the Engine Components (LFX)</u>	<u>B23D Camshaft Position Sensor - Bank 2 Intake (LFX)</u>
B23E	Camshaft Position Sensor - Exhaust	LCV	In the engine compartment, rear left of center, mounted to cylinder head, on left side	<u>Left Front of the Engine Components (LCV)</u>	<u>B23E Camshaft Position Sensor - Exhaust (LCV)</u>
B23F	Camshaft Position Sensor - Intake	LCV	In the engine compartment, rear right of center, mounted to cylinder head, on right lower side	<u>Right Rear of Engine Components (LCV)</u>	<u>B23F Camshaft Position Sensor - Intake (LCV)</u>
B24	Cellular Phone Microphone	UE1	In the passenger compartment, in the front left of the headliner, near the driver sunshade	<u>Passenger Compartment/Roof Component Views</u> <u>Headliner Components (Extended Cab)</u>	<u>B24 Cellular Phone Microphone (UE1)</u>

	Name	Option	Location	Locator View	Connector End View
B25B	Clutch Pedal Position Sensor	N8D	In the passenger compartment, under the driver side of the instrument panel, above the clutch pedal	<u>Below Left Side of the Instrument Panel Components (N8D)</u>	<u>B25B Clutch Pedal Position Sensor (N8D)</u>
B26	Crankshaft Position Sensor	LCV	In the engine compartment, right of center, near rear, mounted to right side of engine block	<u>Right Bottom of Engine Components (LCV)</u>	<u>B26 Crankshaft Position Sensor (LCV/LWN)</u>
B26	Crankshaft Position Sensor	LFX	In the engine compartment, right of center, mounted to right rear side of engine block	<u>Right Bottom of Engine Components (LFX)</u>	<u>B26 Crankshaft Position Sensor (LFX)</u>
B26	Crankshaft Position Sensor	LWN	In the engine compartment, left of center, near rear, mounted to lower left side of engine block	<u>Left Front of the Engine Components (LWN)</u>	<u>B26 Crankshaft Position Sensor (LCV/LWN)</u>
B34	Engine Coolant Temperature Sensor	LCV	In the engine compartment, rear center, mounted to coolant outlet at rear of cylinder head	<u>Right Rear of Engine Components (LCV)</u>	<u>B34 Engine Coolant Temperature Sensor (LCV)</u>
B34	Engine Coolant Temperature Sensor	LFX	In the engine compartment, left side, near rear, mounted to bank 2 cylinder head, near exhaust pipe	<u>Left Front of the Engine Components (LFX)</u>	<u>B34 Engine Coolant Temperature Sensor (LFX)</u>
B34	Engine Coolant Temperature Sensor	LWN	In the engine compartment, mounted to left side of engine block, above the starter	<u>Left Side of Engine Components (LWN)</u>	<u>B34 Engine Coolant Temperature Sensor (LWN)</u>
B35	Engine Oil Level Switch	LCV	In the engine compartment, near middle, mounted to right side of oil pan	<u>Right Rear of Engine Components (LCV)</u>	<u>B35 Engine Oil Level Switch (LCV)</u>

	Name	Option	Location	Locator View	Connector End View
B35	Engine Oil Level Switch	LFX	In the engine compartment, mounted to right side of oil pan above the drain plug	<u>Right Bottom of Engine Components (LFX)</u>	<u>B35 Engine Oil Level Switch (LFX)</u>
B35	Engine Oil Level Switch	LWN	In the engine compartment, mounted to right side of oil pan above the drain plug	<u>Right Bottom of Engine Components (LWN)</u>	<u>B35 Engine Oil Level Switch (LWN)</u>
B37B	Engine Oil Pressure Sensor	LCV	In the engine compartment, near middle, mounted to right side of engine block	<u>Right Bottom of Engine Components (LCV)</u>	<u>B37B Engine Oil Pressure Sensor (LCV)</u>
B37B	Engine Oil Pressure Sensor	LFX	In the engine compartment, left of center, near front, mounted to oil filter adapter	<u>Left Front of the Engine Components (LFX)</u>	<u>B37B Engine Oil Pressure Sensor (LFX)</u>
B37B	Engine Oil Pressure Sensor	LWN	In the engine compartment, right front of engine, mounted to oil filter adapter	<u>Right Bottom of Engine Components (LWN)</u>	<u>B37B Engine Oil Pressure Sensor (LWN)</u>
B39	A/C Evaporator Temperature Sensor	-	In the passenger compartment, on HVAC module, behind the instrument panel	<u>HVAC Assembly Components</u>	<u>B39 A/C Evaporator Temperature Sensor</u>
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/LFX	On the vehicle underbody, on the fuel line, next to the electronic brake control module	<u>Chassis Components (Crew Cab)</u> <u>Chassis Underbody Components (Extended Cab)</u>	<u>B47 Fuel Pressure Sensor (LCV/LFX)</u>

	Name	Option	Location	Locator View	Connector End View
B47B	Fuel Rail Pressure Sensor	LCV	In the engine compartment, middle, mounted to the fuel rail, below the intake manifold	<u>Right Top of Engine Components (LCV)</u>	<u>B47B Fuel Rail Pressure Sensor (LCV or LTG)</u>
B47B	Fuel Rail Pressure Sensor	LFX	In the engine compartment, rear of the engine, on fuel rail below the intake manifold	-	<u>B47B Fuel Rail Pressure Sensor (LFX)</u>
B47B	Fuel Rail Pressure Sensor	LWN	In the engine compartment, left rear of engine, on fuel rail	<u>Right Rear of Engine Components (LWN)</u>	<u>B47B Fuel Rail Pressure Sensor (LWN)</u>
B52A	Heated Oxygen Sensor 1	LCV	In the engine compartment, left of center, in the exhaust manifold	<u>Left Front of the Engine Components (LCV)</u>	<u>B52A Heated Oxygen Sensor 1 (LCV)</u>
B52B	Heated Oxygen Sensor 2	LCV	In the engine compartment, rear, left of center, mounted to catalytic converter, near transmission	<u>Left Front of the Engine Components (LCV)</u>	<u>B52B Heated Oxygen Sensor 2 (LCV)</u>
B52C	Heated Oxygen Sensor - Bank 1 Sensor 1	LFX	In the engine compartment, right of center, near rear, on exhaust pipe, before the catalytic converter	<u>Right Rear of Engine Components (LFX)</u>	<u>B52C Heated Oxygen Sensor - Bank 1 Sensor 1 (LFX)</u>
B52D	Heated Oxygen Sensor - Bank 1 Sensor 2	LFX	In the engine compartment, right of center, rear, on exhaust pipe, after the catalytic converter	<u>Right Rear of Engine Components (LFX)</u>	<u>B52D Heated Oxygen Sensor - Bank 1 Sensor 2 (LFX)</u>
B52E	Heated Oxygen Sensor - Bank 2 Sensor 1	LFX	In the engine compartment, left of center, near rear, on exhaust pipe, before the catalytic converter	<u>Left Front of the Engine Components (LFX)</u>	<u>B52E Heated Oxygen Sensor - Bank 2 Sensor 1 (LFX)</u>

	Name	Option	Location	Locator View	Connector End View
B52F	Heated Oxygen Sensor - Bank 2 Sensor 2	LFX	In the engine compartment, left of center, rear, on exhaust pipe, after the catalytic converter	<u>Right Rear of Engine Components (LFX)</u>	<u>B52F Heated Oxygen Sensor - Bank 2 Sensor 2 (LFX)</u>
B55	Hood Ajar Switch	UTJ	In the front of the engine compartment, part of the hood latch	<u>Left Front of Engine Compartment Components</u>	<u>B55 Hood Ajar Switch (UTJ)</u>
B59L	Front Impact Sensor - Left	-	In the engine compartment, lower left front of the radiator support	<u>Left Front of Engine Compartment Components</u>	<u>B59L Front Impact Sensor - Left</u>
B59R	Front Impact Sensor - Right	-	In the engine compartment, lower right front of the radiator support	<u>Right Front of Engine Compartment Components</u>	<u>B59R Front Impact Sensor - Right</u>
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	-	<u>B61P Seat Belt Tension Sensor - Passenger</u>
B63LF	Side Impact Sensor - Left Front	-	In the driver door, behind the trim panel, toward the rear of the door	<u>Driver Door Components</u>	<u>B63LF Side Impact Sensor - Left Front</u>
B63LR	Side Impact Sensor - Left Rear	-	In the left rear door, behind the trim panel, toward the rear of the door	<u>Left Passenger Components (Crew Cab)</u> <u>Left Passenger Components (Extended Cab)</u>	<u>B63LR Side Impact Sensor - Left Rear</u>

	Name	Option	Location	Locator View	Connector End View
B63RF	Side Impact Sensor - Right Front	-	In the passenger door, behind the trim panel, toward the rear of the door	<u>Passenger Door Components</u>	<u>B63RF Side Impact Sensor - Right Front</u>
B63RR	Side Impact Sensor - Right Rear	-	In the right rear door, behind the trim panel, toward the rear of the door	<u>Right Passenger Components (Crew Cab)</u> <u>Right Passenger Components (Extended Cab)</u>	<u>B63RR Side Impact Sensor - Right Rear</u>
B65	Intake Manifold Pressure and Air Temperature Sensor	LWN	In the engine compartment, left of center, mounted to top of intake manifold	<u>Top of Engine Components (LWN)</u>	<u>B65 Intake Manifold Pressure and Air Temperature Sensor (LWN)</u>
B68A	Knock Sensor 1	LCV	In the engine compartment, right of center, mounted to right side of engine block	<u>Right Bottom of Engine Components (LCV)</u>	<u>B68A Knock Sensor 1 (LCV)</u>
B68A	Knock Sensor 1	LFX	In the engine compartment, right of center, mounted to right side of engine block	<u>Right Bottom of Engine Components (LFX)</u>	<u>B68A Knock Sensor 1 (LFX)</u>
B68B	Knock Sensor 2	LCV	In the engine compartment, mounted to right side of engine block	<u>Right Bottom of Engine Components (LCV)</u>	<u>B68B Knock Sensor 2 (LCV)</u>
B68B	Knock Sensor 2	LFX	In the engine compartment, middle, mounted to left side of engine block	<u>Left Front of the Engine Components (LFX)</u>	<u>B68B Knock Sensor 2 (LFX)</u>
B74	Manifold Absolute Pressure Sensor	LCV	In the engine compartment, mounted to right side of intake manifold	<u>Right Bottom of Engine Components (LCV)</u>	<u>B74 Manifold Absolute Pressure Sensor</u>
B74	Manifold Absolute Pressure Sensor	LFX	In the engine compartment, mounted to top of intake manifold	<u>Right Rear of Engine Components (LFX)</u>	<u>B74 Manifold Absolute Pressure Sensor</u>

	Name	Option	Location	Locator View	Connector End View
B75C	Multifunction Intake Air Sensor	LCV/LFX	Right side of the engine compartment, in the air intake duct	• <u>Right Rear of Engine Components (LCV)</u> • <u>Right Rear of Engine Components (LFX)</u>	<u>B75C Multifunction Intake Air Sensor</u>
B75C	Multifunction Intake Air Sensor	LWN	Right side of the engine compartment, in the air intake duct	<u>Right Rear of Engine Components (LWN)</u>	<u>B75C Multifunction Intake Air Sensor</u>
B80	Park Brake Switch	-	In the passenger compartment, at the left side of the Driver Footwell	• <u>Below Left Side of the Instrument Panel Components (MYB)</u> • <u>Below Left Side of the Instrument Panel Components (N8D)</u> • <u>Left Passenger Components (Crew Cab)</u>	<u>B80 Park Brake Switch</u>
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	<u>Rear of Vehicle Components</u>	<u>B87 Rearview Camera</u>
B88D	Seat Belt Switch - Driver	-	In the passenger compartment, on the side of the driver seat cushion, part of the driver seat belt buckle	<u>Driver Seat Components</u>	<u>B88D Seat Belt Switch - Driver</u>
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	<u>Passenger Seat Components</u>	<u>B88P Seat Belt Switch - Passenger</u>

	Name	Option	Location	Locator View	Connector End View
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)	<u>B107 Accelerator Pedal Position Sensor</u>
B116	Water in Fuel Sensor	LWN	On the underbody, along the inboard side of the left frame rail, mounted to the fuel filter assembly	<u>Underbody Components (LWN) (3 of 6)</u>	<u>B116 Water in Fuel Sensor (LWN)</u>
B130A	Exhaust Gas Recirculation Temperature Sensor 1	LWN	In the engine compartment, right front of engine, attached to the exhaust manifold at cylinder 1	<u>Right Rear of Engine Components (LWN)</u>	<u>B130A Exhaust Gas Recirculation Temperature Sensor 1 (LWN)</u>
B130B	Exhaust Gas Recirculation Temperature Sensor 2	LWN	In the engine compartment, left rear of engine, attached to the cylinder head at cylinder 4	<u>Right Rear of Engine Components (LWN)</u>	<u>B130B Exhaust Gas Recirculation Temperature Sensor 2 (LWN)</u>
B131A	Exhaust Temperature Sensor 1	LWN	In the engine compartment, right rear, mounted to the inlet side of the catalytic converter	<u>Right Rear of Engine Components (LWN)</u>	<u>B131A Exhaust Temperature Sensor 1 (LWN)</u>
B131B	Exhaust Temperature Sensor 2	LWN	In the engine compartment, right rear, mounted to the outlet side of the catalytic converter	<u>Right Rear of Engine Components (LWN)</u>	<u>B131B Exhaust Temperature Sensor 2 (LWN)</u>
B131C	Exhaust Temperature Sensor 3	LWN	On the underbody, right, mounted to the outlet side of the nitrogen oxides catalytic converter	<u>Underbody Components (LWN) (2 of 6)</u>	<u>B131C Exhaust Temperature Sensor 3 (LWN)</u>

	Name	Option	Location	Locator View	Connector End View
B131D	Exhaust Temperature Sensor 4	LWN	On the underbody, inboard side of the right frame rail, mounted to the exhaust particulate filter	<u>Underbody Components (LWN) (2 of 6)</u>	<u>B131D Exhaust Temperature Sensor 4 (LWN)</u>
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	<u>Underbody Components (LWN) (2 of 6)</u>	<u>B131E Exhaust Temperature Sensor 5 (LWN)</u>
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	<u>Underbody Components (LWN) (4 of 6)</u>	<u>B136 Exhaust Particulate Matter Sensor (LWN)</u>
B137	Power Steering Shaft Torque Sensor	-	In the engine compartment, lower left, part of power steering rack assembly	-	-
B150	Fuel Tank Pressure Sensor	LCV/LFX	On the underbody, mounted to the fuel pump and level sensor assembly	• <u>Chassis Components (Crew Cab)</u> • <u>Underbody Components (2 of 3)</u>	<u>B150 Fuel Tank Pressure Sensor (LCV/LFX)</u>
B153D	Seat Belt Buckle - Driver	-	In the passenger compartment, at the inboard of the driver seat	-	-
B153P	Seat Belt Buckle - Passenger	-	In the passenger compartment, at the inboard of the passenger seat	-	-

	Name	Option	Location	Locator View	Connector End View
B154	Diesel Particulate Filter Exhaust Differential Pressure Sensor	LWN	On the underbody, mounted to the underside side of the bed, above the right frame rail, forward of the right rear shock	<u>Underbody Components (LWN) (4 of 6)</u>	<u>B154 Diesel Particulate Filter Exhaust Differential Pressure Sensor (LWN)</u>
B160	Windshield Temperature and Inside Moisture Sensor	C68	In the passenger compartment, behind the inside rearview mirror, near the windshield	• <u>Passenger Compartment/Roof Component Views</u> • <u>Headliner Components (Extended Cab)</u>	<u>B160 Windshield Temperature and Inside Moisture Sensor (C68)</u>
B193A	Charge Air Cooler Inlet Temperature Sensor	LWN	In the engine compartment, right front of engine, attached to the charge air cooler inlet duct	<u>Right Rear of Engine Components (LWN)</u>	<u>B193A Charge Air Cooler Inlet Temperature Sensor (LWN)</u>
B193B	Charge Air Cooler Outlet Temperature Sensor	LWN	In the engine compartment, left front of engine, attached to the charge air cooler outlet duct	<u>Left Side of Engine Components (LWN)</u>	<u>B193B Charge Air Cooler Outlet Temperature Sensor (LWN)</u>
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	<u>Right Rear of Engine Components (LWN)</u>	<u>B195A Nitrogen Oxides Sensor 1 (LWN)</u>
B195B	Nitrogen Oxides Sensor 2	LWN	On the underbody, right, mounted to the outlet side of the nitrogen oxides catalytic converter	<u>Underbody Components (LWN) (2 of 6)</u>	<u>B195B Nitrogen Oxides Sensor 2 (LWN)</u>

	Name	Option	Location	Locator View	Connector End View
B203	Engine Coolant Radiator Temperature Sensor	LCV	In the engine compartment, lower left corner of radiator	<u>Radiator Assembly Components</u>	<u>B203 Engine Coolant Radiator Temperature Sensor (LCV)</u>
B213	Reductant Level Sensor	LWN	Internal to the reductant fluid reservoir assembly	<u>Underbody Components (LWN) (5 of 6)</u>	-
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	<u>Automatic Transmission Components (MYB with NQ6/NQ7)</u>	<u>B227 Gear Position Sensor (NQ6)</u>
C1	Battery	-	In the engine compartment, on the left side, near the underhood fuse block on battery negative cable	<u>Left Side of Engine Compartment Components (1 of 2)</u>	<u>C1 Battery</u>
E4AC	Park/Daytime Running Lamp - Left	Z88	Outside of the vehicle, at the left front of the vehicle, in the headlamp assembly	<u>Front of Vehicle Components (GMC/Z88)</u>	-
E4AD	Park/Daytime Running Lamp - Right	Z88	Outside of the vehicle, at the right front of the vehicle, in the headlamp assembly	<u>Front of Vehicle Components (GMC/Z88)</u>	-
E4AL	Park/Daytime Running Lamp - Left Lower	Z88	Outside of the vehicle, front left, in the headlamp assembly	<u>Front of Vehicle Components (GMC/Z88)</u>	-
E4AM	Park/Daytime Running Lamp - Right Lower	Z88	Outside of the vehicle, front right, in the headlamp assembly	<u>Front of Vehicle Components (GMC/Z88)</u>	-
E4E	Headlamp - Left High Beam	-	Outside of the vehicle, at the left front of the vehicle, in the headlamp assembly	<u>Front of Vehicle/Engine Compartment Component Views</u> <u>Front of Vehicle Components (GMC/Z88)</u>	<u>E4E Headlamp - Left High Beam</u>

	Name	Option	Location	Locator View	Connector End View
E4F	Headlamp - Right High Beam	-	Outside of the vehicle, at the right front of the vehicle, in the headlamp assembly	• <u>Front of Vehicle/Engine Compartment Component Views</u> • <u>Front of Vehicle Components (GMC/Z88)</u>	<u>E4F Headlamp - Right High Beam</u>
E4G	Headlamp - Left Low Beam	-	Outside of the vehicle, at the left front of the vehicle, in the headlamp assembly	• <u>Front of Vehicle/Engine Compartment Component Views</u> • <u>Front of Vehicle Components (GMC/Z88)</u>	<u>E4H Headlamp - Right Low Beam</u>
E4H	Headlamp - Right Low Beam	-	Outside of the vehicle, at the right front of the vehicle, in the headlamp assembly	• <u>Front of Vehicle/Engine Compartment Component Views</u> • <u>Front of Vehicle Components (GMC/Z88)</u>	<u>E4H Headlamp - Right Low Beam</u>
E4J	Park Lamp - Left Front	X88	Outside of the vehicle, at the left front of the vehicle, in the headlamp assembly	<u>Front of Vehicle/Engine Compartment Component Views</u>	<u>E4J Park Lamp - Left Front (X88)</u>
E4K	Park Lamp - Right Front	X88	Outside of the vehicle, at the right front of the vehicle, in the headlamp assembly	<u>Front of Vehicle/Engine Compartment Component Views</u>	<u>E4J Park Lamp - Right Front (X88)</u>
E4N	Park/Turn Signal Lamp - Left	-	Outside of the vehicle, at the left front of the vehicle, in the headlamp assembly	• <u>Front of Vehicle/Engine Compartment Component Views</u> • <u>Front of Vehicle Components (GMC/Z88)</u>	<u>E4N Park/Turn Signal Lamp - Left</u>
E4P	Park/Turn Signal Lamp - Right	-	Outside of the vehicle, at the right front of the vehicle, in the headlamp assembly	• <u>Front of Vehicle/Engine Compartment Component Views</u> • <u>Front of Vehicle Components (GMC/Z88)</u>	<u>E4P Park/Turn Signal Lamp - Right</u>

	Name	Option	Location	Locator View	Connector End View
E5A	Backup Lamp - Left	-	Outside of the vehicle, at the left rear corner of the vehicle, part of the left tail lamp assembly	<u>Rear of Vehicle Components</u>	<u>E5A Backup Lamp - Left</u>
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	<u>Rear of Vehicle Components</u>	<u>E5AG Tail/Stop and Turn Signal Lamp - Left Upper</u>
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	<u>Rear of Vehicle Components</u>	<u>E5AH Tail/Stop and Turn Signal Lamp - Right Upper</u>
E5B	Backup Lamp - Right	-	Outside of the vehicle, at the right rear corner of the vehicle, part of the right tail lamp assembly	<u>Rear of Vehicle Components</u>	<u>E5B Backup Lamp - Right</u>
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	<u>Rear of Vehicle Components</u>	<u>E5U Tail/Stop and Turn Signal Lamp - Left Lower</u>
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	<u>Rear of Vehicle Components</u>	<u>E5V Tail/Stop and Turn Signal Lamp - Right Lower</u>
E6	Center High Mounted Stop Lamp	-	Outside of the vehicle, at the rear center of the roof	<u>Rear of Vehicle Components</u>	<u>E6 Center High Mounted Stop Lamp</u>
E7L	License Plate Lamp - Left	-	Outside of the vehicle, at the rear center of the vehicle	<u>Rear of Vehicle Components</u>	<u>E7L License Plate Lamp - Left</u>
E7R	License Plate Lamp - Right	-	Outside of the vehicle, at the rear center of the vehicle	<u>Rear of Vehicle Components</u>	<u>E7R License Plate Lamp - Right</u>

	Name	Option	Location	Locator View	Connector End View
E11	Fuel Heater	LWN	On the underbody, along the inboard side of the left frame rail, mounted to the fuel filter assembly	<u>Underbody Components (LWN) (3 of 6)</u>	<u>E11 Fuel Heater (LWN)</u>
E12A	Glow Plug 1	LWN	In the engine compartment, at the top left side of the engine at number 1 cylinder	<u>Top of Engine Components (LWN)</u>	<u>E12A Glow Plug 1 (LWN)</u>
E12B	Glow Plug 2	LWN	In the engine compartment, at the top left side of the engine at number 2 cylinder	<u>Top of Engine Components (LWN)</u>	<u>E12B Glow Plug 2 (LWN)</u>
E12C	Glow Plug 3	LWN	In the engine compartment, at the top left side of the engine at number 3 cylinder	<u>Top of Engine Components (LWN)</u>	<u>E12C Glow Plug 3 (LWN)</u>
E12D	Glow Plug 4	LWN	In the engine compartment, at the top left side of the engine at number 4 cylinder	<u>Top of Engine Components (LWN)</u>	<u>E12D Glow Plug 4 (LWN)</u>
E13LA	Headlamp Assembly - Left	-	Outside of the vehicle, at the front left of the vehicle	<u>Front of Vehicle/Engine Compartment Component Views</u> <u>Front of Vehicle Components (GMC/Z88)</u>	-
E13RA	Headlamp Assembly - Right	-	Outside of the vehicle, at the front right of the vehicle	<u>Front of Vehicle/Engine Compartment Component Views</u> <u>Front of Vehicle Components (GMC/Z88)</u>	-

	Name	Option	Location	Locator View	Connector End View
E14A	Seat Heating Element - Driver Back	KA1	In the passenger compartment, in the driver seat back	<u>Driver Seat Components</u>	<u>E14A Seat Heating Element - Driver Back (KA1)</u>
E14B	Seat Heating Element - Driver Cushion	KA1	In the passenger compartment, in the driver seat cushion	<u>Driver Seat Components</u>	<u>E14B Seat Heating Element - Driver Cushion (KA1)</u>
E14C	Seat Heating Element - Passenger Back	KA1	In the passenger compartment, in the passenger seat back	<u>Passenger Seat Components</u>	<u>E14C Seat Heating Element - Passenger Back (KA1)</u>
E14D	Seat Heating Element - Passenger Cushion	KA1	In the passenger compartment, in the passenger seat cushion	<u>Passenger Seat Components</u>	<u>E14D Seat Heating Element - Passenger Cushion (KA1)</u>
E17D	Outside Rearview Mirror Glass - Driver	DL9	Outside of the vehicle, on the driver door, part of outside rearview mirror	-	• <u>E17D Outside Rearview Mirror Glass - Driver X1</u> • <u>E17D Outside Rearview Mirror Glass - Driver X2</u>
E17P	Outside Rearview Mirror Glass - Passenger	DL9	Outside of the vehicle, on the front passenger door, part of outside rearview mirror	-	• <u>E17P Outside Rearview Mirror Glass - Passenger X1</u> • <u>E17P Outside Rearview Mirror Glass - Passenger X2</u>
E18	Rear Defogger Grid	C49	In the passenger compartment, on the inside of the rear window	<u>Rear of Vehicle Components</u>	• <u>E18 Rear Defogger Grid X1 (c49)</u> • <u>E18 Rear Defogger Grid X2 (c49)</u>
E29LF	Fog Lamp - Left Front	T3U	At the left front corner of the vehicle, below the left headlamp assembly	<u>Front of Vehicle/Engine Compartment Component Views</u>	<u>E29LF Fog Lamp - Left Front (T3U)</u>

	Name	Option	Location	Locator View	Connector End View
E29RF	Fog Lamp - Right Front	T3U	At the right front corner of the vehicle, below the right headlamp assembly	<u>Front of Vehicle/Engine Compartment Component Views</u>	<u>E29RF Fog Lamp - Right Front (T3U)</u>
E31L	Sunshade Mirror Lamp - Left	D6I	In the passenger compartment, part of the left sunshade	<u>Passenger Compartment/Roof Component Views</u> <u>Headliner Components (Extended Cab)</u>	<u>E31L Sunshade Mirror Lamp - Left (D6I)</u>
E31R	Sunshade Mirror Lamp - Right	D6I	In the passenger compartment, part of the right sunshade	<u>Passenger Compartment/Roof Component Views</u> <u>Headliner Components (Extended Cab)</u>	<u>E31R Sunshade Mirror Lamp - Right (D6I)</u>
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	-	<u>X80A Accessory Power Receptacle - Center Console 1</u>
E33L	Cargo Lamp - Left	-	Outside of the vehicle, at the rear center of the roof, part of the center high mounted stop lamp	<u>Rear of Vehicle Components</u>	<u>E33L Cargo Lamp - Left</u>
E33L	Cargo Lamp - Left	S0Y	Outside of the vehicle, on top of the left bed rail	-	-
E33R	Cargo Lamp - Right	-	Outside of the vehicle, at the rear center of the roof, part of the center high mounted stop lamp	<u>Rear of Vehicle Components</u>	<u>E33R Cargo Lamp - Right</u>

	Name	Option	Location	Locator View	Connector End View
E33R	Cargo Lamp - Right	S0Y	Outside of the vehicle, on top of the right bed rail	-	-
E36AH	Dome Lamp	-	In the passenger compartment, in the headliner, part of the headliner console	-	<u>E36AH Dome Lamp</u>
E37F	Dome/Reading Lamps - Front	C74	In the passenger compartment, in the headliner, part of the headliner console	• <u>Passenger Compartment/Roof Component Views</u> • <u>Headliner Components (Extended Cab)</u>	<u>E37F Dome/Reading Lamps - Front (C74)</u>
E37R	Dome/Reading Lamps - Rear	-	In the passenger compartment, on the roof, above the second row seating	• <u>Passenger Compartment/Roof Component Views</u> • <u>Headliner Components (Extended Cab)</u>	<u>E37R Dome/Reading Lamps - Rear</u>
E40	Electrical Auxiliary Heater	LWN	In the passenger compartment, center of instrument panel, attached to HVAC assembly	<u>HVAC Assembly Bottom Components (LWN)</u>	• <u>E40 Electrical Auxiliary Heater X1 (LWN)</u> • <u>E40 Electrical Auxiliary Heater X2 (LWN)</u>
E41	Engine Coolant Thermostat Heater	LCV	In the engine compartment, left front of the engine, on the thermostat housing	<u>Left Front of the Engine Components (LCV)</u>	<u>E41 Engine Coolant Thermostat Heater (LCV)</u>
E42L	Tail Lamp Assembly - Left	-	Outside of the vehicle, at the left rear corner of the vehicle	<u>Rear of Vehicle Components</u>	-
E42R	Tail Lamp Assembly - Right	-	Outside of the vehicle, at the right rear corner of the vehicle	<u>Rear of Vehicle Components</u>	-

	Name	Option	Location	Locator View	Connector End View
E45	Positive Crankcase Ventilation Heater	LWN	In the engine compartment, front right of the engine, forward of the turbocharger	<u>Right Bottom of Engine Components (LWN)</u>	<u>E45 Positive Crankcase Ventilation Heater (LWN)</u>
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	<u>Underbody Components (LWN) (5 of 6)</u>	<u>E52 Reductant Line Heater (LWN)</u>
E53	Reductant Tank Heater	LWN	Internal to the reductant fluid reservoir assembly	<u>Underbody Components (LWN) (5 of 6)</u>	-
F101	Passenger Instrument Panel Air Bag	-	In the passenger compartment, at the top of the passenger side of the instrument panel	<u>Behind the Instrument Panel Components</u>	• <u>X207 Instrument Panel Harness to Passenger Air Bag Extension Harness</u> • <u>F101 Passenger Instrument Panel Air Bag X2</u> • <u>F101 Passenger Instrument Panel Air Bag X3</u>
F105L	Roof Rail Air Bag - Left	-	In the passenger compartment, along the left roof rail, above headliner at door openings	• <u>Left Passenger Components (Crew Cab)</u> • <u>Left Passenger Components (Extended Cab)</u>	• <u>F105L Roof Rail Air Bag - Left (Crew Cab)</u> • <u>F105L Roof Rail Air Bag - Left (Extended Cab)</u>
F105R	Roof Rail Air Bag - Right	-	In the passenger compartment, along the right roof rail, above headliner at door openings	• <u>Right Passenger Components (Crew Cab)</u> • <u>Right Passenger Components (Extended Cab)</u>	• <u>F105R Roof Rail Air Bag - Right (Crew Cab)</u> • <u>F105R Roof Rail Air Bag - Right (Extended Cab)</u>
F106D	Seat Side Air Bag - Driver	-	In the passenger compartment, on the left side of the left front seat back	<u>Driver Seat Components</u>	<u>F106D Seat Side Air Bag - Driver</u>

	Name	Option	Location	Locator View	Connector End View
F106P	Seat Side Air Bag - Passenger	-	In the passenger compartment, on the right side of the right front seat back	<u>Passenger Seat Components</u>	<u>F106P Seat Side Air Bag - Passenger</u>
F107	Steering Wheel Air Bag	-	In the passenger compartment, in the center of the steering wheel	<u>Steering Column Components</u>	• <u>F107 Steering Wheel Air Bag X1</u> • <u>F107 Steering Wheel Air Bag X2</u>
F112D	Seat Belt Retractor Pretensioner - Driver	Crew Cab	In the passenger compartment, at the base of the left B-pillar	<u>Left Passenger Components (Crew Cab)</u>	<u>F112D Seat Belt Retractor Pretensioner - Driver (Crew Cab)</u>
F112D	Seat Belt Retractor Pretensioner - Driver	Extended Cab	In the passenger compartment, at the lower front of the left rear door	<u>Left Rear Door Components (Extended Cab)</u>	<u>F112D Seat Belt Retractor Pretensioner - Driver (Extended Cab)</u>
F112P	Seat Belt Retractor Pretensioner - Passenger	Crew Cab	In the passenger compartment, at the base of the right B-pillar	<u>Right Passenger Components (Crew Cab)</u>	<u>F112P Seat Belt Retractor Pretensioner - Passenger (Crew Cab)</u>
F112P	Seat Belt Retractor Pretensioner - Passenger	Extended Cab	In the passenger compartment, at the lower front of the right rear door	<u>Right Rear Door Components (Extended Cab)</u>	<u>F112P Seat Belt Retractor Pretensioner - Passenger (Extended Cab)</u>
F113D	Seat Belt Anchor Pretensioner - Driver	Crew Cab	In the passenger compartment, between driver seat and center console, attached to driver seat	<u>Driver Seat Components</u>	<u>F113D Seat Belt Anchor Pretensioner - Driver</u>
F113D	Seat Belt Anchor Pretensioner - Driver	Extended Cab	In the passenger compartment, at the lower front of the left rear door	<u>Left Rear Door Components (Extended Cab)</u>	<u>F113D Seat Belt Anchor Pretensioner - Driver</u>

	Name	Option	Location	Locator View	Connector End View
F113P	Seat Belt Anchor Pretensioner - Passenger	Crew Cab	In the passenger compartment, between passenger seat and center console, attached to passenger seat	<u>Passenger Seat Components</u>	<u>F113P Seat Belt Anchor Pretensioner - Passenger</u>
F113P	Seat Belt Anchor Pretensioner - Passenger	Extended Cab	In the passenger compartment, at the lower front of the right rear door	<u>Right Rear Door Components (Extended Cab)</u>	<u>F113P Seat Belt Anchor Pretensioner - Passenger</u>
G1	A/C Compressor	-	In the engine compartment, mounted on the lower left front of the engine	• <u>Left Front of the Engine Components (LCV)</u> • <u>Left Front of the Engine Components (LFX)</u> • <u>Left Front of the Engine Components (LWN)</u>	<u>G1 A/C Compressor</u>
G10	Cooling Fan Motor	-	At the front of the engine compartment, in the center of the fan assembly, part of fan control module	-	-
G12	Fuel Pump	-	Under the vehicle, in the fuel tank, part of the fuel pump and level sensor assembly	-	-
G13	Generator	LCV	In the engine compartment, at the top left front of the engine	<u>Right Rear of Engine Components (LCV)</u>	• <u>G13 Generator</u> • <u>G13 Generator X2 (LCV)</u>
G13	Generator	LFX	In the engine compartment, bottom right side of the engine	<u>Right Rear of Engine Components (LFX)</u>	• <u>G13 Generator</u> • <u>G13 Generator X2 (LFX)</u>

	Name	Option	Location	Locator View	Connector End View
G13	Generator	LWN	In the engine compartment, at the top left front of the engine	<u>Left Front of the Engine Components (LWN)</u>	• <u>G13 Generator</u> • <u>G13 Generator X2 (LFX)</u>
G18	High Pressure Fuel Pump	LCV	In the engine compartment, right of center, near rear, mounted to right side of cylinder head	<u>Right Rear of Engine Components (LCV)</u>	<u>G18 High Pressure Fuel Pump (LCV)</u>
G18	High Pressure Fuel Pump	LFX	In the engine compartment, left of center, rear, mounted to rear of bank 2 cylinder head	<u>Right Rear of Engine Components (LFX)</u>	<u>G18 High Pressure Fuel Pump (LFX)</u>
G24	Windshield Washer Pump	-	In the engine compartment, attached to the washer fluid reservoir	<u>Left Front of Engine Compartment Components</u>	<u>G24 Windshield Washer Pump</u>
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	<u>HVAC Assembly Components</u>	<u>K8 Blower Motor Control Module</u>
K9	Body Control Module	-	In the passenger compartment, behind the left side of the instrument panel knee bolster	<u>Behind the Instrument Panel Components</u>	• <u>K9 Body Control Module X1</u> • <u>K9 Body Control Module X2</u> • <u>K9 Body Control Module X3</u> • <u>K9 Body Control Module X4</u> • <u>K9 Body Control Module X5</u> • <u>K9 Body Control Module X6</u> • <u>K9 Body Control Module X7</u>

	Name	Option	Location	Locator View	Connector End View
K17	Electronic Brake Control Module	-	On vehicle underbody, driver side, under driver seat area on the frame	• <u>Chassis Components (Crew Cab)</u> • <u>Chassis Underbody Components (Extended Cab)</u>	<u>K17 Electronic Brake Control Module</u>
K20	Engine Control Module	-	In the engine compartment, to the right of the engine, under the coolant reservoir	<u>Right Rear of Engine Compartment Components</u>	• <u>K20 Engine Control Module X1 (LCV)</u> • <u>K20 Engine Control Module X1 (LFX)</u> • <u>K20 Engine Control Module X1 (LWN)</u> • <u>K20 Engine Control Module X2 (LCV)</u> • <u>K20 Engine Control Module X2 (LFX)</u> • <u>K20 Engine Control Module X2 (LWN)</u> • <u>K20 Engine Control Module X3 (LCV)</u> • <u>K20 Engine Control Module X3 (LFX)</u> • <u>K20 Engine Control Module X3 (LWN)</u>
K22	Cooling Fan Control Module	LCV/LFX	In the engine compartment, forward of the engine, near radiator	<u>Radiator Assembly Components</u>	<u>K22 Cooling Fan Control Module (LCV/LFX)</u>
K29	Seat Heating Control Module	KA1	In the passenger compartment, under the front of the passenger seat	<u>Passenger Seat Components</u>	• <u>K29 Seat Heating Control Module X1 (KA1)</u> • <u>K29 Seat Heating Control Module X2 (KA1)</u>

	Name	Option	Location	Locator View	Connector End View
K33	HVAC Control Module	-	In the passenger compartment, center of the instrument panel, behind the multifunction instrument panel switch	<u>Behind the Instrument Panel Components</u>	• <u>K33 HVAC Control Module X1</u> • <u>K33 HVAC Control Module X2</u> • <u>K33 HVAC Control Module X3</u>
K36	Inflatable Restraint Sensing and Diagnostic Module	-	In the passenger compartment, under the center console	• <u>Left Passenger Components (Crew Cab)</u> • <u>Left Passenger Components (Extended Cab)</u>	• <u>K36 Inflatable Restraint Sensing and Diagnostic Module X1</u> • <u>K36 Inflatable Restraint Sensing and Diagnostic Module X2</u>
K38	Chassis Control Module	LFX	Under the vehicle, mounted to the bracket above the spare tire	• <u>Chassis Components (Crew Cab)</u> • <u>Underbody Components (2 of 3)</u>	<u>K38 Chassis Control Module (LFX)</u>
K38	Chassis Control Module	LWN	Under the vehicle, mounted to the bracket above the spare tire	<u>Underbody Components (LWN) (6 of 6)</u>	<u>K38 Chassis Control Module (LWN)</u>
K43	Power Steering Control Module	-	On the underbody, lower front of engine compartment, on the power steering rack assembly	<u>Underbody Components (1 of 3)</u>	• <u>K43 Power Steering Control Module X1</u> • <u>K43 Power Steering Control Module X2</u> • <u>K43 Power Steering Control Module X3</u>

	Name	Option	Location	Locator View	Connector End View
K69	Transfer Case Control Module	NQ6/NQ7	In the passenger compartment, under the instrument panel, behind glove box, right of the HVAC assembly	• <u>Right Passenger Components (Crew Cab)</u> • <u>Right Passenger Components (Extended Cab)</u>	• <u>K69 Transfer Case Control Module X1 (NQ6/NQ7)</u> • <u>K69 Transfer Case Control Module X2 (NQ6/NQ7)</u> • <u>K69 Transfer Case Control Module X3 (NQ6/NQ7)</u>
K71	Transmission Control Module	MYB	Underneath the vehicle, inside the automatic transmission assembly, part of the control solenoid valve	<u>Automatic Transmission Components (MYB with NQ6/NQ7)</u>	-
K73	Telematics Communication Interface Control Module	UE1	In the passenger compartment, above the right kick panel, behind the instrument panel I-beam	• <u>Right Passenger Components (Crew Cab)</u> • <u>Right Passenger Components (Extended Cab)</u>	• <u>K73 Telematics Communication Interface Control Module X1 (UE1)</u> • <u>K73 Telematics Communication Interface Control Module X2 (UE1)</u> • <u>K73 Telematics Communication Interface Control Module X5</u> • <u>K73 Telematics Communication Interface Control Module X7</u>

	Name	Option	Location	Locator View	Connector End View
K74	Human Machine Interface Control Module	IO4/IO5/IO6	In the passenger compartment, center of the instrument panel, behind the HVAC controls	<u>Behind the Instrument Panel Components</u>	• <u>K74 Human Machine Interface Control Module X1 (IO4/IO5/IO6)</u> • <u>K74 Human Machine Interface Control Module X2 (IO4/IO5/IO6)</u> • <u>K74 Human Machine Interface Control Module X3 (IO4/IO5/IO6)</u> • <u>K74 Human Machine Interface Control Module X4 (IO4/IO5/IO6)</u> • <u>K74 Human Machine Interface Control Module X4</u> • <u>K74 Human Machine Interface Control Module X7 (IO6)</u>
K77	Remote Control Door Lock Receiver	-	In the passenger compartment, above the right rear of the headliner	• <u>Passenger Compartment/Roof Component Views</u> • <u>Headliner Components (Extended Cab)</u>	<u>K77 Remote Control Door Lock Receiver</u>
K85	Passenger Presence Module	-	In the passenger compartment, under the front of the front passenger seat cushion	<u>Passenger Seat Components</u>	<u>K85 Passenger Presence Module</u>
K89	Immobilizer Control Module	-	In the passenger compartment, on the steering column, near the key cylinder	<u>Front of the Instrument Panel Components</u>	<u>K89 Immobilizer Control Module</u>
K109	Frontview Camera Module	UEU/UFL	In the passenger compartment, behind the inside rearview mirror on the windshield	• <u>Passenger Compartment/Roof Component Views</u> • <u>Headliner Components (Extended Cab)</u>	<u>K109 Frontview Camera Module (UEU/UFL)</u>

	Name	Option	Location	Locator View	Connector End View
K111	Fuel Pump Driver Control Module	LCV	Under the vehicle, mounted to the bracket above the spare tire	<u>Underbody Components (2 of 3)</u>	<u>K111 Fuel Pump Driver Control Module (LCV)</u>
K115	Reductant Control Module	LWN	Under the vehicle, Above and behind the rear axle, mounted to the reductant fluid reservoir assembly	<u>Underbody Components (LWN) (5 of 6)</u>	• <u>K115 Reductant Control Module (LWN)</u> • <u>K115 Reductant Control Module X2 (LWN)</u>
K133	Trailer Brake Power Control Module	JL1	Under the vehicle, mounted to the bracket above the spare tire, near the chassis control module	<u>Underbody Components (LWN) (6 of 6)</u>	<u>K133 Trailer Brake Power Control Module (JL1)</u>
M4	Air Inlet Door Actuator	-	In the passenger compartment, behind the instrument panel glove box	<u>HVAC Assembly Components</u>	<u>M4 Air Inlet Door Actuator</u>
M6	Air Temperature Door Actuator	-	In the passenger compartment, part of HVAC module, behind the instrument panel	<u>HVAC Assembly Components</u>	<u>M6 Air Temperature Door Actuator</u>
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	LFX	In the engine compartment, near front, right of center, mounted to the front of bank 1 cylinder head	<u>Right Bottom of Engine Components (LFX)</u>	<u>M9 Brake Booster Pump Motor (LFX)</u>
M26	Front Axle Engagement Actuator	NQ6/NQ7	Under the vehicle, on the rear of the transfer case	<u>Underbody Components (1 of 3)</u>	<u>M26 Front Axle Engagement Actuator (NQ6/NQ7)</u>

	Name	Option	Location	Locator View	Connector End View
M37	Mode Door Actuator	-	In the passenger compartment, behind the instrument panel, on the upper left side of the HVAC module	<u>HVAC Assembly Components</u>	<u>M37 Mode Door Actuator</u>
M38	Power Steering Motor	-	On the underbody, lower front of engine compartment, on the power steering rack assembly	<u>Underbody Components (1 of 3)</u>	-
M51D	Seat Horizontal Motor - Driver	-	In the passenger compartment, under the center of the driver seat, between the seat tracks	<u>Driver Seat Components</u>	<u>M51D Seat Horizontal Motor - Driver</u>
M51P	Seat Horizontal Motor - Passenger	AAQ	In the passenger compartment, under the center of the passenger seat, between the seat tracks	<u>Passenger Seat Components</u>	<u>M51P Seat Horizontal Motor - Passenger</u>
M52D	Seat Lumbar Support Horizontal Motor - Driver	AL9	In the passenger compartment, part of the driver seat back	<u>Driver Seat Back Components</u>	<u>M52D Seat Lumbar Support Horizontal Motor - Driver</u>
M52P	Seat Lumbar Support Horizontal Motor - Passenger	AAQ	In the passenger compartment, part of the passenger seat back	<u>Passenger Seat Back Components</u>	<u>M52D Seat Lumbar Support Horizontal Motor - Passenger</u>
M55D	Seat Rear Vertical Motor - Driver	-	In the passenger compartment, under the front of the driver seat, next to the left seat track	<u>Driver Seat Components</u>	<u>M55D Seat Rear Vertical Motor - Driver</u>

	Name	Option	Location	Locator View	Connector End View
M55P	Seat Rear Vertical Motor - Passenger	AAQ	In the passenger compartment, under the front of the passenger seat, next to the left seat track	<u>Passenger Seat Components</u>	<u>M55P Seat Rear Vertical Motor - Passenger</u>
M64	Starter Motor	LCV	In the engine compartment, lower right rear of the engine	<u>Right Rear of Engine Components (LCV)</u>	• <u>M64 Starter Motor X1 (LCV)</u> • <u>M64 Starter Motor X2 (LCV)</u>
M64	Starter Motor	LFX	In the engine compartment, lower left rear of the engine	<u>Left Front of the Engine Components (LFX)</u>	• <u>M64 Starter Motor X1 (LFX)</u> • <u>M64 Starter Motor X2 (LFX)</u>
M64	Starter Motor	LWN	In the engine compartment, lower left rear of the engine	<u>Left Front of the Engine Components (LWN)</u>	• <u>M64 Starter Motor X1 (LWN)</u> • <u>M64 Starter Motor X2 (LWN)</u>
M74D	Window Motor - Driver	-	In the passenger compartment, behind the driver door trim panel, at the center of the door	<u>Driver Door Components</u>	<u>M74D Window Motor - Driver</u>
M74LR	Window Motor - Left Rear	Crew Cab	In the passenger compartment, center of the left rear door, behind the door trim panel	<u>Left Rear Door Components (Crew Cab)</u>	<u>M74LR Window Motor - Left Rear (Crew Cab)</u>
M74P	Window Motor - Passenger	-	In the passenger compartment, behind the front passenger door trim panel, at the center of the door	<u>Passenger Door Components</u>	<u>M74P Window Motor - Passenger</u>
M74RR	Window Motor - Right Rear	Crew Cab	In the passenger compartment, center of the right rear door, behind the door trim panel	<u>Right Rear Door Components (Crew Cab)</u>	<u>M74RR Window Motor - Right Rear (Crew Cab)</u>

	Name	Option	Location	Locator View	Connector End View
M75	Windshield Wiper Motor	-	At the left rear of the engine compartment, near the windshield	<u>Left Side of Engine Compartment Components (1 of 2)</u>	<u>M75 Windshield Wiper Motor</u>
M77D	Outside Rearview Mirror Motor - Driver	DL6/DL9	Outside of the vehicle, on driver door, in the driver door mirror	-	<u>M77D Outside Rearview Mirror Motor - Driver</u>
M77P	Outside Rearview Mirror Motor - Passenger	DL6/DL9	Outside of the vehicle, on passenger door, in the passenger door mirror	-	<u>M77P Outside Rearview Mirror Motor - Passenger (without AAB)</u>
M93	Key Capture Solenoid Actuator	MYB	In the passenger compartment, left front of instrument panel, attached to the right side of steering column	<u>Front of the Instrument Panel Components</u>	<u>M93 Key Capture Solenoid Actuator (MYB)</u>
M96	Active Grille Air Shutter Actuator	LCV	At front of the vehicle, center, behind upper grille	<u>Front of Engine Compartment Components</u>	<u>M96 Active Grill Air Shutter Actuator (LCV)</u>
M96	Active Grille Air Shutter Actuator	LFX	At front of the vehicle, center, behind upper grille	<u>Front of Engine Compartment Components</u>	<u>M96 Active Grill Air Shutter Actuator (LFX)</u>
M103	Turbocharger Vane Position Actuator	LWN	In the engine compartment, right side of engine, mounted to the exhaust manifold, forward of the catalytic converter	<u>Right Rear of Engine Components (LWN)</u>	<u>M103 Turbocharger Vane Position Actuator (LWN)</u>
P2	Transmission Shift Lever Position Indicator	MYB	In the passenger compartment, center, near front, at top of floor console, near the shift lever	<u>Center Console Components (MYB)</u>	<u>P2 Transmission Shift Lever Position Indicator (MYB)</u>

	Name	Option	Location	Locator View	Connector End View
P3	Backup Alarm	8S3	On the vehicle exterior, at the right rear of the vehicle, near the right rear wheel speed sensor breakout	• <u>Chassis Components (Crew Cab)</u> • <u>Chassis Components (Extended Cab)</u> • <u>Underbody Components (LWN) (6 of 6)</u>	<u>P3 Backup Alarm (8S3)</u>
P7	Display	-	In the passenger compartment, front center, mounted to instrument panel, part of info display module	-	-
P9	Driver Information Center Display	-	In the passenger compartment, left center, mounted to instrument panel, part of instrument cluster	-	-
P13	Horn Assembly	-	In the engine compartment, lower left corner of the radiator support	<u>Right Front of Engine Compartment Components</u>	<u>P13 Horn Assembly</u>
P14	Passenger Air Bag Disabled Indicator	-	In the passenger compartment, center of the overhead console	• <u>Passenger Compartment/Roof Component Views</u> • <u>Headliner Components (Extended Cab)</u>	<u>P14 Passenger Air Bag Disabled Indicator</u>
P16	Instrument Cluster	-	In the passenger compartment, at the top of the driver side of the instrument panel, above the steering column	<u>Front of the Instrument Panel Components</u>	<u>P16 Instrument Cluster</u>

	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	• <u>Behind the Instrument Panel Components</u> • <u>Front of the Instrument Panel Components</u>	• <u>P17 Info Display Module X1</u> • <u>P17 Info Display Module X3</u>
P19AG	Speaker - Left Front Door	-	In the passenger compartment, at the front of the left front door, behind the door trim panel	<u>Driver Door Components</u>	<u>P19AG Speaker - Left Front Door</u>
P19AH	Speaker - Right Front Door	-	In the passenger compartment, at the front of the right front door, behind the door trim panel	<u>Passenger Door Components</u>	<u>P19AH Speaker - Right Front Door</u>
P19AL	Speaker - Left Rear Door	-	In the passenger compartment, in the lower left rear door, behind the door panel	• <u>Left Rear Door Components (Crew Cab)</u> • <u>Left Rear Door Components (Extended Cab)</u>	<u>P19AL Speaker - Left Rear Door</u>
P19AM	Speaker - Right Rear Door	-	In the passenger compartment, in the lower right rear door, behind the door panel	• <u>Right Rear Door Components (Crew Cab)</u> • <u>Right Rear Door Components (Extended Cab)</u>	<u>P19AM Speaker - Right Rear Door</u>
P19B	Speaker - Center Instrument Panel	UQA	In the passenger compartment, center of the instrument panel	<u>Front of the Instrument Panel Components</u>	<u>P19B Speaker - Center Instrument Panel (UQA)</u>
P19H	Speaker - Left Front Tweeter	-	In the passenger compartment, in the upper left of the instrument panel	<u>Front of the Instrument Panel Components</u>	• <u>P19H Speaker - Left Front Tweeter (UQA)</u> • <u>P19H Speaker - Left Front Tweeter (UQ3)</u>

	Name	Option	Location	Locator View	Connector End View
P19V	Speaker - Right Front Tweeter	-	In the passenger compartment, in the upper right of the instrument panel	<u>Front of the Instrument Panel Components</u>	• <u>P19V Speaker - Right Front Tweeter (UQA)</u> • <u>P19V Speaker - Right Front Tweeter (UQ3)</u>
P43	Collision Alert Indicators	UEU	In the passenger compartment, behind the upper left of the instrument panel, above the instrument cluster	<u>Behind the Instrument Panel Components</u>	<u>P43 Collision Alert Indicators (UEU)</u>
Q2	A/C Compressor Clutch	-	In the engine compartment, on the lower left front of the engine	• <u>Left Front of the Engine Components (LCV)</u> • <u>Left Front of the Engine Components (LFX)</u> • <u>Left Front of the Engine Components (LWN)</u>	<u>Q2 A/C Compressor Clutch</u>
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	LFX	In the engine compartment, near front, right of center, below of the bank 1 exhaust camshaft position sensor	<u>Left Front of the Engine Components (LFX)</u>	<u>Q6A Camshaft Position Actuator Solenoid Valve - Bank 1 Exhaust (LFX)</u>
Q6B	Camshaft Position Actuator Solenoid Valve - Bank 1 Intake	LFX	In the engine compartment, near front, right of center, between the bank 1 camshaft position sensors	<u>Left Front of the Engine Components (LFX)</u>	<u>Q6B Camshaft Position Actuator Solenoid Valve - Bank 1 Intake (LFX)</u>

	Name	Option	Location	Locator View	Connector End View
Q6C	Camshaft Position Actuator Solenoid Valve - Bank 2 Exhaust	LFX	In the engine compartment, near front, left of center, below of the bank 2 exhaust camshaft position sensor	<u>Left Front of the Engine Components (LFX)</u>	<u>Q6C Camshaft Position Actuator Solenoid Valve - Bank 2 Exhaust (LFX)</u>
Q6D	Camshaft Position Actuator Solenoid Valve - Bank 2 Intake	LFX	In the engine compartment, near front, left of center, between the bank 2 camshaft position sensors	<u>Left Front of the Engine Components (LFX)</u>	<u>Q6D Camshaft Position Actuator Solenoid Valve - Bank 2 Intake (LFX)</u>
Q6E	Camshaft Position Actuator Solenoid Valve - Exhaust	LCV	In the engine compartment, front, left of center, mounted to camshaft cover on left side	<u>Left Front of the Engine Components (LCV)</u>	<u>Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LCV)</u>
Q6F	Camshaft Position Actuator Solenoid Valve - Intake	LCV	In the engine compartment, front, right of center, mounted to camshaft cover on right side	<u>Top of Engine Components (LCV)</u>	<u>Q6F Camshaft Position Actuator Solenoid Valve - Intake (LCV)</u>
Q8	Control Solenoid Valve Assembly	MYB	Underneath the vehicle, inside the automatic transmission assembly	<u>Automatic Transmission Components (MYB with NQ6/NQ7)</u>	• <u>Q8 Control Solenoid Valve Assembly</u> • <u>Q8 Control Solenoid Valve Assembly X2 (MYB, MYC or MYD)</u> • <u>Q8 Control Solenoid Valve Assembly X3 (MYB, MYC or MYD)</u>
Q12	Evaporative Emission Purge Solenoid Valve	LCV	In the engine compartment, right side, on the intake manifold cylinder 1	<u>Right Rear of Engine Components (LCV)</u>	<u>Q12 Evaporative Emission Purge Solenoid Valve (LCV)</u>

	Name	Option	Location	Locator View	Connector End View
Q12	Evaporative Emission Purge Solenoid Valve	LFX	In the engine compartment, right side, top front of engine, near throttle body	<u>Right Rear of Engine Components (LFX)</u>	<u>Q12 Evaporative Emission Purge Solenoid Valve (LFX)</u>
Q13	Evaporative Emission Vent Solenoid Valve	-	On the underbody, at the top left side of the fuel tank on the evaporative emissions canister	<u>Chassis Components (Crew Cab)</u>	<u>Q13 Evaporative Emission Vent Solenoid Valve</u>
Q14	Exhaust Gas Recirculation Valve	LWN	In the engine compartment, right rear of engine, near intake manifold	<u>Left Front of the Engine Components (LWN)</u>	<u>Q14 Exhaust Gas Recirculation Valve (LWN)</u>
Q17A	Fuel Injector 1	LCV	In the engine compartment, right of center, near front, mounted to the cylinder head at cylinder 1	<u>Right Top of Engine Components (LCV)</u>	<u>Q17A Fuel Injector 1 (LCV or LTG)</u>
Q17A	Fuel Injector 1	LFX	In the engine compartment, near middle front, on the inboard side of bank 1 cylinder head, above cylinder 1	<u>Top of Engine Components (LFX)</u>	<u>Q17A Fuel Injector 1 (LFX)</u>
Q17A	Fuel Injector 1	LWN	In the engine compartment, right of center, near front, mounted to the cylinder head at cylinder 1	<u>Right Rear of Engine Components (LWN)</u>	<u>Q17A Fuel Injector 1 (LWN)</u>
Q17B	Fuel Injector 2	LCV	In the engine compartment, right of center, near middle, mounted to the cylinder head at cylinder 2	<u>Right Top of Engine Components (LCV)</u>	<u>Q17B Fuel Injector 2 (LCV or LTG)</u>
Q17B	Fuel Injector 2	LFX	In the engine compartment, near middle front, on the inboard side of bank 2 cylinder head, above cylinder 2	<u>Top of Engine Components (LFX)</u>	<u>Q17B Fuel Injector 2 (LFX)</u>

	Name	Option	Location	Locator View	Connector End View
Q17B	Fuel Injector 2	LWN	In the engine compartment, right of center, near middle, mounted to the cylinder head at cylinder 2	<u>Right Rear of Engine Components (LWN)</u>	<u>Q17B Fuel Injector 2 (LWN)</u>
Q17C	Fuel Injector 3	LCV	In the engine compartment, right of center, near middle, mounted to the cylinder head at cylinder 3	<u>Right Top of Engine Components (LCV)</u>	<u>Q17C Fuel Injector 3 (LCV or LTG)</u>
Q17C	Fuel Injector 3	LFX	In the engine compartment, near middle, on the inboard side of bank 1 cylinder head, above cylinder 3	<u>Top of Engine Components (LFX)</u>	<u>Q17C Fuel Injector 3 (LFX)</u>
Q17C	Fuel Injector 3	LWN	In the engine compartment, right of center, near middle, mounted to the cylinder head at cylinder 3	<u>Right Rear of Engine Components (LWN)</u>	<u>Q17C Fuel Injector 3 (LWN)</u>
Q17D	Fuel Injector 4	LCV	In the engine compartment, right of center, near rear, mounted to the cylinder head at cylinder 4	<u>Right Top of Engine Components (LCV)</u>	<u>Q17D Fuel Injector 4 (LCV or LTG)</u>
Q17D	Fuel Injector 4	LFX	In the engine compartment, near middle, on the inboard side of bank 2 cylinder head, above cylinder 4	<u>Top of Engine Components (LFX)</u>	<u>Q17D Fuel Injector 4 (LFX)</u>
Q17D	Fuel Injector 4	LWN	In the engine compartment, right of center, near rear, mounted to the cylinder head at cylinder 4	<u>Right Rear of Engine Components (LWN)</u>	<u>Q17D Fuel Injector 4 (LWN)</u>

	Name	Option	Location	Locator View	Connector End View
Q17E	Fuel Injector 5	LFX	In the engine compartment, near middle rear, on the inboard side of bank 1 cylinder head, above cylinder 5	<u>Top of Engine Components (LFX)</u>	<u>Q17E Fuel Injector 5 (LFX)</u>
Q17F	Fuel Injector 6	LFX	In the engine compartment, near middle rear, on the inboard side of bank 2 cylinder head, above cylinder 6	<u>Top of Engine Components (LFX)</u>	<u>Q17F Fuel Injector 6 (LFX)</u>
Q18A	Fuel Pressure Regulator 1	LWN	In the engine compartment, lower left of engine, attached to fuel injection pump	<u>Left Front of the Engine Components (LWN)</u>	<u>Q18A Fuel Pressure Regulator 1 (LWN)</u>
Q18B	Fuel Pressure Regulator 2	LWN	In the engine compartment, left of engine, between throttle body and cylinder head	<u>Left Front of the Engine Components (LWN)</u>	<u>Q18B Fuel Pressure Regulator 2 (LWN)</u>
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	-	-

	Name	Option	Location	Locator View	Connector End View
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	-	-
Q38	Throttle Body	LCV	In the engine compartment, front, mounted to the right side of the intake manifold	<u>Top of Engine Components (LCV)</u>	<u>Q38 Throttle Body (LCV/LFX)</u>
Q38	Throttle Body	LFX	In the engine compartment, center, mounted to the right side of the intake manifold	<u>Left Front of the Engine Components (LFX)</u>	<u>Q38 Throttle Body (LCV/LFX)</u>
Q38	Throttle Body	LWN	In the engine compartment, top left of engine, mounted to the intake manifold	<u>Left Front of the Engine Components (LWN)</u>	<u>Q38 Throttle Body (LWN)</u>

	Name	Option	Location	Locator View	Connector End View
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	<u>Right Rear of Engine Components (LCV)</u>	<u>Q44 Engine Oil Pressure Control Solenoid Valve (LCV)</u>
Q46	A/C Compressor Solenoid Valve	-	In the engine compartment, front, bottom left of the engine, internal to the A/C compressor	• <u>Left Front of the Engine Components (LCV)</u> • <u>Left Front of the Engine Components (LFX)</u> • <u>Left Front of the Engine Components (LWN)</u>	<u>Q46 A/C Compressor Solenoid Valve</u>
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	<u>Right Bottom of Engine Components (LWN)</u>	<u>Q47 Exhaust Gas Recirculation Cooler Bypass Solenoid Valve (LWN)</u>
Q61	Reductant Injector	LWN	On the underbody, right, mounted to the inlet side of the nitrogen oxides catalytic converter	<u>Underbody Components (LWN) (1 of 6)</u>	<u>Q61 Reductant Injector (LWN)</u>
Q67	Exhaust Aftertreatment Fuel Injector	LWN	On the underbody, center of vehicle, mounted to the inboard side of the right frame rail	<u>Underbody Components (LWN) (2 of 6)</u>	<u>Q67 Exhaust Aftertreatment Fuel Injector (LWN)</u>
Q85	Cooling Fan Clutch	LWN	At the front of the engine compartment, on center shaft of cooling fan assembly	<u>Left Side of Engine Components (LWN)</u>	<u>Q85 Cooling Fan Clutch (LWN)</u>

	Name	Option	Location	Locator View	Connector End View
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	<u>Chassis Components (Crew Cab)</u>	<u>R6A Terminating Resistor - High Speed Bus</u>
R6A	Terminating Resistor - High Speed Bus	Extended Cab	Under the vehicle, left side, under second row seat, rear of vehicle, taped in the harness near the chassis control module	<u>Chassis Underbody Components (Extended Cab)</u>	<u>R6A Terminating Resistor - High Speed Bus</u>
R10	Cooling Fan Resistor	LWN	In the engine compartment, left, on battery tray in front of the battery	<u>Left Side of Engine Compartment Components (1 of 2)</u>	<u>R10 Cooling Fan Resistor (LWN)</u>
S2A	Transmission Manual Shift Switch - Up/Down	MYB	In the passenger compartment, part of the transmission shift lever	<u>Center Console Components (MYB)</u>	-
S3	Transmission Shift Lever	MYB	In the passenger compartment, center near front, within the floor console	<u>Center Console Components (MYB)</u>	<u>S3 Transmission Shift Lever (MYB)</u>
S13D	Door Lock Switch - Driver	ATG	On driver door, upper, forward of the release handle on the door trim	<u>Driver Door Components</u>	<u>S13D Door Lock Switch - Driver (ATG)</u>
S13P	Door Lock Switch - Passenger	ATG	On passenger door, upper, forward of the release handle on the door trim	<u>Passenger Door Components</u>	<u>S13P Door Lock Switch - Passenger (ATG)</u>
S30	Headlamp Switch	-	In the passenger compartment, left of the steering column	<u>Front of the Instrument Panel Components</u>	<u>S30 Headlamp Switch</u>

	Name	Option	Location	Locator View	Connector End View
S32D	Seat Heating Switch - Driver	KA1	In the passenger compartment, at the lower center of the instrument panel, below the HVAC controls	<u>Front of the Instrument Panel Components</u>	<u>S32D Seat Heating Switch - Driver (KA1)</u>
S32P	Seat Heating Switch - Passenger	KA1	In the passenger compartment, at the lower center of the instrument panel, below the HVAC controls	<u>Front of the Instrument Panel Components</u>	<u>S32P Seat Heating Switch - Passenger (KA1)</u>
S33	Horn Switch	-	In the passenger compartment, in the center of the steering wheel, behind the driver side air bag	-	• <u>S33 Horn Switch X1</u> • <u>S33 Horn Switch X2</u>
S39	Ignition Switch	-	In the passenger compartment, behind the steering wheel, on the right side of the steering column	<u>Front of the Instrument Panel Components</u>	<u>S39 Ignition Switch</u>
S48A	Multifunction Switch - Instrument Panel	-	In the passenger compartment, in the center of the instrument panel, below the HVAC controls	<u>Front of the Instrument Panel Components</u>	<u>S48A Multifunction Switch - Instrument Panel</u>
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	<u>Driver Door Components</u>	<u>S52 Outside Rearview Mirror Switch (DL6/DL9)</u>

	Name	Option	Location	Locator View	Connector End View
S64D	Seat Adjuster Switch - Driver	-	In the passenger compartment, mounted to the outboard side of the driver seat cushion	<u>Driver Seat Components</u>	• <u>S64D Seat Adjuster Switch - Driver X1</u> • <u>S64D Seat Adjuster Switch - Driver X2</u>
S64P	Seat Adjuster Switch - Passenger	AAQ	In the passenger compartment, mounted to the outboard side of the passenger seat cushion	<u>Passenger Seat Components</u>	• <u>S64P Seat Adjuster Switch - Passenger X1</u> • <u>S64P Seat Adjuster Switch - Passenger X2</u>
S70E	Steering Wheel Controls Switch - Radio Presets	W1Y	In the passenger compartment, on the left rear side of the steering wheel	<u>Steering Column Components</u>	<u>S70E Steering Wheel Controls Switch - Radio Presets (W1Y)</u>
S70F	Steering Wheel Controls Switch - Radio Volume	W1Y	In the passenger compartment, on the right rear side of the steering wheel	<u>Steering Column Components</u>	<u>S70F Steering Wheel Controls Switch - Radio Volume (W1Y)</u>
S70L	Steering Wheel Controls Switch - Left	-	In the passenger compartment, on the left side of the steering wheel	<u>Steering Column Components</u>	<u>S70L Steering Wheel Controls Switch - Left</u>
S70R	Steering Wheel Controls Switch - Right	-	In the passenger compartment, on the right side of the steering wheel	<u>Steering Column Components</u>	<u>S70R Steering Wheel Controls Switch - Right</u>
S76	Trailer Brake Control Switch	JL1	In the passenger compartment, left of the steering column	<u>Front of the Instrument Panel Components</u>	<u>S76 Trailer Brake Control Switch (JL1)</u>
S77	Transfer Case Shift Control Switch	NQ6/NQ7	In the passenger compartment, left of the steering column	<u>Front of the Instrument Panel Components</u>	<u>S77 Transfer Case Shift Control Switch (NQ6/NQ7)</u>

	Name	Option	Location	Locator View	Connector End View
S78	Turn Signal/Multifunction Switch	-	In the passenger compartment, on the left side of the steering column	<u>Front of the Instrument Panel Components</u>	<u>S78 Turn Signal/Multifunction Switch</u>
S79D	Window Switch - Driver	-	In the passenger compartment, on the driver door trim panel, center of the door	<u>Driver Door Components</u>	<u>S79D Window Switch - Driver</u>
S79LR	Window Switch - Left Rear	Crew Cab	In the passenger compartment, at the center of the left rear door, on the door trim panel	<u>Left Rear Door Components (Crew Cab)</u>	<u>S79LR Window Switch - Left Rear (Crew Cab)</u>
S79P	Window Switch - Passenger	-	In the passenger compartment, on the passenger door trim panel, center of the door	<u>Passenger Door Components</u>	<u>S79P Window Switch - Passenger</u>
S79RR	Window Switch - Right Rear	Crew Cab	In the passenger compartment, at the center of the right rear door, on the door trim panel	<u>Right Rear Door Components (Crew Cab)</u>	<u>S79RR Window Switch - Right Rear (Crew Cab)</u>
S82	Windshield Wiper/Washer Switch	-	In the passenger compartment, on the right side of the steering column	<u>Front of the Instrument Panel Components</u>	<u>S82 Windshield Wiper/Washer Switch</u>
T2	Antenna	-	In the passenger compartment, part of the remote control door lock receiver	-	-

	Name	Option	Location	Locator View	Connector End View
T3	Audio Amplifier	UQA	In the rear passenger compartment, mounted behind the glove box	<u>Behind the Instrument Panel Components</u>	• <u>T3 Audio Amplifier X1 (UQA)</u> • <u>T3 Audio Amplifier X2 (UQA)</u> • <u>T3 Audio Amplifier X3 (UQA)</u> • <u>T3 Audio Amplifier X4 (UQA)</u>
T4G	Cellular Phone, Navigation, and Digital Radio Antenna	UE1	Outside the vehicle, at the rear of the roof	<u>Rear of Vehicle Components</u>	<u>T4G Cellular Phone, Navigation, and Digital Radio Antenna UE1</u>
T4H	Digital Radio Antenna	U2M	Outside the vehicle, at the rear of the roof	-	<u>T4H Digital Radio Antenna U2M</u>
T4M	Radio Antenna	-	Outside the vehicle, at the rear of the roof	-	<u>T4M Radio Antenna Without U2M</u>
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	<u>Top of Engine Components (LCV)</u>	<u>T8A Ignition Coil 1 (LCV)</u>
T8A	Ignition Coil 1	LFX	In the engine compartment, right of center, near middle, above cylinder 1	<u>Top of Engine Components (LFX)</u>	<u>T8A Ignition Coil 1 (LFX)</u>

	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	<u>Top of Engine Components (LCV)</u>	<u>T8B Ignition Coil 2 (LCV)</u>
T8B	Ignition Coil 2	LFX	In the engine compartment, left of center, near middle, above cylinder 2	<u>Top of Engine Components (LFX)</u>	<u>T8B Ignition Coil 2 (LFX)</u>
T8C	Ignition Coil 3	LCV	In the engine compartment, center near middle, mounted to cylinder head, above cylinder 3	<u>Top of Engine Components (LCV)</u>	<u>T8C Ignition Coil 3 (LCV)</u>
T8C	Ignition Coil 3	LFX	In the engine compartment, right of center, near middle, above cylinder 3	<u>Top of Engine Components (LFX)</u>	<u>T8C Ignition Coil 3 (LFX)</u>
T8D	Ignition Coil 4	LCV	In the engine compartment, center near rear, mounted to cylinder head, above cylinder 4	<u>Top of Engine Components (LCV)</u>	<u>T8D Ignition Coil 4 (LCV)</u>
T8D	Ignition Coil 4	LFX	In the engine compartment, left of center, near middle, above cylinder 4	<u>Top of Engine Components (LFX)</u>	<u>T8D Ignition Coil 4 (LFX)</u>
T8E	Ignition Coil 5	LFX	In the engine compartment, right of center, near rear, above cylinder 5	<u>Top of Engine Components (LFX)</u>	<u>T8E Ignition Coil 5 (LFX)</u>
T8F	Ignition Coil 6	LFX	In the engine compartment, left of center, near rear, above cylinder 6	<u>Top of Engine Components (LFX)</u>	<u>T8F Ignition Coil 6 (LFX)</u>

	Name	Option	Location	Locator View	Connector End View
T12	Automatic Transmission Assembly	MYB	In the engine compartment, underneath the first row seating, rear of the engine	-	-
T15	Navigation Antenna Signal Splitter	IO6	In the passenger compartment, above carpet in the right front footwell, near right front kick panel	• Right Passenger Components (Crew Cab) • Right Passenger Components (Extended Cab)	• T15 Navigation Antenna Signal Splitter X1 • T15 Navigation Antenna Signal Splitter X2 • T15 Navigation Antenna Signal Splitter X3
W8	Blunt Cut - Trailer Provision	-	Outside of the vehicle, at the rear, inboard of the left frame rail	-	-
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 (1 of 2)	Electrical Center Identification Views
X50D	Fuse Block - Battery	-	In the engine compartment, left front, on top of the battery (+) post	Left Side of Engine Compartment Components (1 of 2)	Electrical Center Identification Views
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

	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	• <u>Center Console Components (N8D)</u> • <u>Front of the Instrument Panel Components</u>	A • <u>X80A Accessory Power Receptacle - Center Console 1 (MYB)</u> • <u>X80A Accessory Power Receptacle - Center Console 1 (N8D)</u>
X80B	Accessory Power Receptacle - Center Console 2	-	In the passenger compartment, at the rear of the center console	• <u>Center Console Components (MYB)</u> • <u>Center Console Components (N8D)</u>	<u>X80B Accessory Power Receptacle - Center Console 2</u>
X83	Auxiliary Audio Input	IO3/IO4 with N8D	In the passenger compartment, in the center console	<u>Center Console Components (N8D)</u>	• <u>X83 Auxiliary Audio Input X1 (IO3/IO4+N8D)</u> • <u>X83 Auxiliary Audio Input X2 ((IO3/IO4)+N8D)</u>
X83	Auxiliary Audio Input	IO3/IO4/IO5/IO6 with MYB	In the passenger compartment, in center of instrument panel, forward of the center floor console	<u>Front of the Instrument Panel Components</u>	• <u>X83 Auxiliary Audio Input X1</u> • <u>X83 Auxiliary Audio Input X2 (IO3/IO4/IO5/IO6 WITH MYB)</u>
X83R	Auxiliary Audio Input - Rear	IO5/IO6	In the passenger compartment, at the rear of the center console	<u>Center Console Components (MYB)</u>	• <u>X83 Auxiliary Audio Input X1 (MYB)</u> • <u>X83R Auxiliary Audio Input - Rear X2 (IO5/IO6)</u> • <u>X83R Auxiliary Audio Input - Rear X3 (IO5/IO6)</u>
X84	Data Link Connector	-	In the passenger compartment, under the driver side of the instrument panel	-	<u>X84 Data Link Connector</u>

Steering Column
Components

X85 Steering
Wheel Air Bag
Coil X1

X85 Steering
Wheel Air Bag
Coil X2

X85 Steering
Wheel Air Bag
Coil X3

Rear of Vehicle
Components

X88 Trailer Connector
(Z82)

Center Console
Components (MYB)

X92 USB Receptacle
(IO5/IO6)

Body Harness Routing -
Center Engine
Compartment

X100 Battery Harness
to Power Steering
Harness

Body Harness
Routing - Left
Engine
Compartment
(LCV/LFX)

Engine Harness
Routing - Left
Front (LCV)

Engine Harness
Routing - Front
(LFX)

Body Harness
Routing - Left
Engine
Compartment
(LWN)

X101 Engine
Harness to Body
Harness (LCV)

X101 Engine
Harness to Body
Harness (LFX)

X101 Engine
Harness to Body
Harness (LWN)

Body Harness
Routing - Left
Engine
Compartment
(LCV/LFX)

Forward Lamp
Harness Routing -
Left Engine
Compartment

Body Harness
Routing - Left
Engine
Compartment
(LWN)

Forward Lamp
Harness Routing -
Left Engine
Compartment
(LWN)

X102 Forward
Lamp Harness to
Body Harness ()

X102 Forward
Lamp Harness to
Body Harness
(LWN)

Body Harness Routing -
Center Engine
Compartment

X103 Chassis Harness
to Power Steering
Harness

Forward Lamp Harness
Routing - Left Engine
Compartment

X104 Forward Lamp
Harness to Forward
Lamp Extension
Harness (LCV)

X105 Forward
Lamp Harness to
Ambient
Temperature
Sensor Extension
Harness (LCV)

Forward Lamp Harness
Routing - Left Engine
Compartment

X105 Forward
Lamp Harness to
Ambient
Temperature
Sensor Extension
Harness (LFX)

X105 Forward
Lamp Harness to
Ambient
Temperature
Sensor Extension
Harness (LWN)

Body Harness
Routing - Left
Engine
Compartment
(LCV/LFX)

X106 Body
Harness to
Chassis Harness
(LCV/LFX)

Body Harness
Routing - Left
Engine
Compartment
(LWN)

X106 Body
Harness to
Chassis Harness
(LWN)

Engine Harness Routing X107 Engine Harness to
- Right Rear (LWN) Chassis Harness (LWN)

Engine Harness Routing X108 Engine Harness to
- Left Front (LWN) Cooling Fan Harness
(LWN)

Engine Harness Routing X109 Engine Harness to
- Left Front (LWN) Forward Lamp Harness
(LWN)

Forward Lamp Harness X110 Forward Lamp
Routing - Left Engine Harness to Headlamp -
Compartment Left Harness

Engine Harness Routing X111 Engine Harness to
- Top (LWN) Glow Plug Harness
(LWN)

Engine Harness Routing X112 Engine Harness to
- Top (LWN) Intake Manifold
Pressure Harness
(LWN)

Forward Lamp Harness X120 Forward Lamp
Routing - Right Engine Harness to Headlamp -
Compartment Right Harness

	Name	Option	Location	Locator View	Connector End View
X160	Engine Harness to Fuel Injector Harness (12 cavities)	LCV	In the engine compartment, right of center, forward of middle, mounted to intake manifold	<u>Engine Harness Routing - Right Front Top (LCV)</u>	<u>X160 Engine Harness to Fuel Injector - Odd Harness (LCV)</u>
X160	Engine Harness to Fuel Injector - Odd Harness (6 cavities)	LFX	In the engine compartment, rear, right of center, behind right rear of cylinder head cover	<u>Engine Harness Routing - Rear (LFX)</u>	<u>X160 Engine Harness to Fuel Injector - Odd Harness (LFX)</u>
X161	Engine Harness to Fuel Injector - Even Harness (12 cavities)	LFX	In the engine compartment, rear, right of center, behind right rear of cylinder head cover	<u>Engine Harness Routing - Rear (LFX)</u>	<u>X161 Engine Harness to Fuel Injector - Even Harness (LFX)</u>
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	• <u>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</u> • <u>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</u> • <u>Instrument Panel Harness Routing - Rear</u>	<u>X200 Body Harness to Instrument Panel Harness</u>
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	• <u>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</u> • <u>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</u> • <u>Instrument Panel Harness Routing - Rear</u>	<u>X202 Body Harness to Instrument Panel Harness</u>

	Name	Option	Location	Locator View	Connector End View
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	• <u>Body Harness Routing - Right Front of Passenger Compartment (Crew Cab)</u> • <u>Body Harness Routing - Right Front of Passenger Compartment (Extended Cab)</u> • <u>Instrument Panel Harness Routing - Rear</u>	<u>X203 Body Harness to Instrument Panel Harness</u>
X206	Instrument Panel Harness to HVAC Harness (2 cavities)	C68	In the passenger compartment, left of center, near left side of HVAC Assembly	<u>Instrument Panel Harness Routing - Rear</u>	<u>X206 Instrument Panel Harness to HVAC Harness (C68)</u>
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	<u>Instrument Panel Harness Routing - Rear</u>	<u>X207 Instrument Panel Harness to Passenger Air Bag Extension Harness</u>
X218	Instrument Panel COAX Harness to Body COAX Harness	U2M	In the passenger compartment, right side of the instrument panel, below instrument panel fuse block, behind right front kick panel	• <u>Body Harness Routing - Right Front of Passenger Compartment (Crew Cab)</u> • <u>Body Harness Routing - Right Front of Passenger Compartment (Extended Cab)</u>	<u>X218 Instrument Panel COAX Harness to Body COAX Harness</u>
X219	Instrument Panel COAX Harness to Body COAX Harness	Except U2M	In the passenger compartment, right side of the instrument panel, below instrument panel fuse block, behind right front kick panel	• <u>Body Harness Routing - Right Front of Passenger Compartment (Crew Cab)</u> • <u>Body Harness Routing - Right Front of Passenger Compartment (Extended Cab)</u>	<u>X219 Instrument Panel Harness to Body Harness</u>

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

X220 Instrument Panel
Harness to Body
Harness

Instrument Panel
Harness Routing - Rear

X399 Instrument Panel
Harness to Instrument
Panel Harness

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

Body Harness
Routing - Left Rear
of Passenger
Compartment
(Crew Cab)

Body Harness
Routing - Left Rear
of Passenger
Compartment
(Extended Cab)

X301 Headliner
Harness to Body
Harness

Headliner Harness
Routing (Crew
Cab)

Headliner Harness
Routing (Extended
Cab)

Center Console Harness
Routing

X302 Instrument Panel
Harness to Floor
Console Harness
((IO3/IO4)+N8D)

Center Console Harness
Routing

X302 Instrument Panel
Harness to Floor
Console Harness
((IO5/IO6)+NYB)

Body Harness
Routing - Left Rear
of Passenger
Compartment
(Crew Cab)

Body Harness
Routing - Left Rear
of Passenger
Compartment
(Extended Cab)

X303 Body Harness to
CHMSL Harness

Headliner Harness
Routing (Crew
Cab)

Headliner Harness
Routing (Extended
Cab)

X304 Windshield
Sensor Harness to
Headliner Harness
(C68)

	Name	Option	Location	Locator View	Connector End View
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	• <u>Center Console Harness Routing</u> • <u>Instrument Panel Harness Routing - Rear</u>	<u>X305 Instrument Panel Harness to Floor Console Harness</u>
X306	Instrument Panel Harness to Floor Console Harness (8 cavities)	MYB	In the passenger compartment, right of center, under front of the center console	<u>Center Console Harness Routing</u>	<u>X306 Instrument Panel Harness to Floor Console Harness (MYB)</u>
X310	Driver Seat Cushion Harness to Body Harness (23 cavities)	-	In the passenger compartment, under the driver seat	• <u>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</u> • <u>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</u>	<u>X310 Driver Seat Cushion Harness to Body Harness</u>
X320	Passenger Seat Cushion Harness to Body Harness (23 cavities)	-	In the passenger compartment, under the passenger seat	• <u>Body Harness Routing - Right Front of Passenger Compartment (Crew Cab)</u> • <u>Body Harness Routing - Right Front of Passenger Compartment (Extended Cab)</u>	<u>X320 Passenger Seat Cushion Harness to Body Harness</u>
X400	Chassis Harness to License Lamp Harness (10 cavities)	-	Outside of vehicle, under left rear, inboard of the left frame rail, rearward of the left rear leaf spring mount	• <u>Chassis Harness Routing (Crew Cab)</u> • <u>Rear License Plate Harness Routing</u>	<u>X400 Chassis Harness to License Lamp Harness</u>
X401	Chassis Harness to Cargo Lamp Harness (2 cavities)	S0Y	At left rear of vehicle, under the bed next to X410	<u>Chassis Harness Routing (S0Y)</u>	<u>X401 Chassis Harness to Chassis Harness (S0Y)</u>

Chassis Harness

Routing (Crew Cab)

X410 Tail Lamp - Left
Harness to Chassis
Harness

Chassis Harness
Routing (Extended Cab)

Chassis Harness

Routing (Crew Cab)

X420 Tail Lamp - Right
Harness to Chassis
Harness

Chassis Harness
Routing (Extended Cab)

Driver Door Harness
Routing

X500 Body Harness to
Driver Door Harness

Driver Door Harness
Routing

X510 Driver Outside
Rearview Mirror
Harness to Driver Door
Harness

Passenger Door Harness
Routing

X600 Body Harness to
Passenger Door
Harness

Passenger Door Harness
Routing

X610 Passenger Outside
Rearview Mirror
Harness to Passenger
Door Harness

Body Harness
Routing - Left Rear
of Passenger
Compartment
(Crew Cab)

X700 Left Rear Door
Harness to Body (Crew
Cab)

Left Rear Door
Harness Routing
(Crew Cab)

Body Harness
Routing - Left Rear
of Passenger
Compartment
(Extended Cab)
Left Rear Door
Harness Routing
(Extended Cab)

X700 Left Rear Door
Harness to Body
(Extended Cab)

Body Harness
Routing - Right
Front of Passenger
Compartment
(Crew Cab)
Right Rear Door
Harness Routing
(Crew Cab)

X800 Right Rear Door
Harness to Body
Harness (Crew Cab)

Body Harness
Routing - Right
Rear of Passenger
Compartment
(Extended Cab)
Right Rear Door
Harness Routing
(Extended Cab)

X800 Right Rear Door
Harness to Body
Harness (Extended
Cab)

G100 and G101

G100 and G101

G102 (LCV)

G102 (LFX)

	Name	Option	Location	Locator View	Connector End View
G102	Engine Harness	LWN	In the engine compartment, on the left rear of the cylinder head	<u>G102 (LWN)</u>	-
G103	Forward Lamp Harness	LCV/LFX	In the engine compartment, beneath the left headlamp assembly, mounted to the radiator support	<u>G103 (LCV/LFX), G105 (LWN)</u>	-
G103	Forward Lamp Harness	LWN	In the engine compartment, beneath the right headlamp assembly, mounted to the radiator support	<u>G103 (LWN), G105 (LCV/LFX)</u>	-
G105	Forward Lamp Harness	LCV/LFX	In the engine compartment, beneath the right headlamp assembly, mounted to the radiator support	<u>G103 (LWN), G105 (LCV/LFX)</u>	-
G105	Forward Lamp Harness	LWN	In the engine compartment, beneath the left headlamp assembly, mounted to the radiator support	<u>G103 (LCV/LFX), G105 (LWN)</u>	-
G107	Engine Harness	LCV	In the engine compartment, on the right side of the engine block, rear of generator	<u>G107 (LCV)</u>	-
G107	Engine Harness	LFX	In the engine compartment, on the right of the engine block, above the generator	<u>G107 and G108 (LFX)</u>	-
G107	Engine Harness	LWN	In the engine compartment, on the right rear of the cylinder head	<u>G107 (LWN)</u>	-

G108 (LCV)

G107 and G108 (LEX)

G109 (LEX)

G300, G305, and G307

G301 and G303

G302 and G304 (Crew
Cab)

G301 and G303

G301 and G303 (LWN)

G302 and G304 (Crew
Cab)

	Name	Option	Location	Locator View	Connector End View
G305	Instrument Panel Harness	-	In the passenger compartment, center, beneath the floor console, rear of floor shifter	<u>G300, G305, and G307</u>	-
G306	Body Harness	C49	In the passenger compartment, left rear, on upper pillar	<u>G306 (Crew Cab)</u>	-
G307	Instrument Panel Harness	-	In the passenger compartment, center, beneath the floor console, rear of floor shifter	<u>G300, G305, and G307</u>	-
G400	Chassis Harness	-	Under vehicle, outboard of left frame rail, rearward of the fuel filler neck	• <u>G400 (Crew Cab)</u> • <u>G400 (Extended Cab)</u>	-
G401	Chassis Harness	LCV/LFX	Under vehicle, outboard of left frame rail, forward of the left leaf spring mount	• <u>G401 (Crew Cab)</u> • <u>G401 (Extended Cab)</u>	-
G401	Chassis Harness	LWN	Under vehicle, outboard of left frame rail, forward of the left leaf spring mount	<u>G401 and G404 (LWN)</u>	-
G402	Chassis Harness	-	Under vehicle, outboard of right frame rail, forward of the right leaf spring mount	• <u>G402 (Crew Cab)</u> • <u>G402 (Extended Cab)</u>	-
G404	Chassis Harness	LWN	Under vehicle, outboard of left frame rail, forward of the left leaf spring mount	<u>G401 and G404 (LWN)</u>	-

Body Harness Routing -
Left Engine
Compartment
(LCV/LFX)

Body Harness Routing -
Left Engine
Compartment (LWN)

Body Harness Routing -
Left Engine
Compartment
(LCV/LFX)

Body Harness Routing -
Left Engine
Compartment (LWN)

Body Harness Routing -
Left Engine
Compartment
(LCV/LFX)

Body Harness Routing -
Left Engine
Compartment (LWN)

	Name	Option	Location	Locator View	Connector End View
J103	Body Harness	-	In engine compartment, approximately 12.5 cm (4.92 in) from battery ground breakout towards body grommet	• Body Harness Routing - Left Front of Passenger Compartment (Crew Cab) • Body Harness Routing - Left Engine Compartment (LCV/LFX)	-
J103	Body Harness	LWN	In engine compartment, approximately 5.9 cm (2.32 in) from windshield wiper motor breakout towards body grommet	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 (Extended Cab) • Chassis Harness Routing (Crew Cab)	-
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)	-
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 - Left Front (LCV)	-
J106	Engine Harness	LFX with NQ6/NQ7	In engine compartment, left front of engine, approximately 6.6 cm (2.60 in) into X101 breakout	Engine Harness Routing - Front (LFX)	-

	Name	Option	Location	Locator View	Connector End View
J106	Engine Harness	LWN with NQ6/NQ7	In engine compartment, left of engine, approximately 17.7 cm (6.97 in) from underhood fuse block X3 breakout towards front of vehicle	<u>Engine Harness Routing - Left Front (LWN)</u>	-
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	<u>Engine Harness Routing - Left Front (LCV)</u>	-
J107	Engine Harness	LFX	In engine compartment, left front of engine, approximately 12.9 cm (5.08 in) into fuse block underhood X3 breakout	<u>Engine Harness Routing - Front (LFX)</u>	-
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	<u>Engine Harness Routing - Left Front (LCV)</u>	-

	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	<u>Engine Harness Routing - Left Front (LCV)</u>	-
J109	Engine Harness	LFX with MYB	In engine compartment, left front of engine, approximately 6.1 cm (2.40 in) from ignition coil 2 breakout towards rear of engine	<u>Engine Harness Routing - Front (LFX)</u>	-
J109	Engine Harness	LWN	Underneath vehicle, right front of transmission, approximately 16.6 cm (6.53 in) from reductant injector breakout towards front of vehicle	<u>Engine Harness Routing - Right Rear (LWN)</u>	-
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	<u>Engine Harness Routing - Left Front (LCV)</u>	-

	Name	Option	Location	Locator View	Connector End View
J110	Engine Harness	LFX	In engine compartment, right front of engine, approximately 14 cm (5.51 in) from evaporative emission purge solenoid valve breakout towards throttle body	<u>Engine Harness Routing - Front (LFX)</u>	-
J110	Engine Harness	LWN	In engine compartment, left of engine, approximately 20.2 cm (7.95 in) from underhood fuse block X3 breakout towards front of vehicle	<u>Engine Harness Routing - Left Front (LWN)</u>	-
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	<u>Engine Harness Routing - Left Front (LCV)</u>	-
J111	Engine Harness	LFX	In engine compartment, left front of engine, approximately 2 cm (6.10 in) from ignition coil 2 breakout towards ignition coil 4 breakout	<u>Engine Harness Routing - Front (LFX)</u>	-

	Name	Option	Location	Locator View	Connector End View
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	<u>Engine Harness Routing - Right Front Top (LCV)</u>	-
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	<u>Engine Harness Routing - Right Front Top (LCV)</u>	-
J113	Engine Harness	LFX	In engine compartment, left front of engine, approximately 15.5 cm (6.10 in) into fuse block underhood X3 breakout	<u>Engine Harness Routing - Front (LFX)</u>	-
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	<u>Engine Harness Routing - Right Front Top (LCV)</u>	-

Engine Harness Routing
- Front (LFX)

Engine Harness Routing
- Front (LFX)

Engine Harness Routing
- Front (LFX)

Forward Lamp Harness
Routing - Left Engine
Compartment

Forward Lamp Harness
Routing - Left Engine
Compartment (LWN)

Forward Lamp Harness
Routing - Left Engine
Compartment

Forward Lamp Harness
Routing - Left Engine
Compartment (LWN)

Forward Lamp Harness
Routing - Left Engine
Compartment

Forward Lamp Harness
Routing - Left Engine
Compartment (LWN)

Forward Lamp Harness
Routing - Right Engine
Compartment

Body Harness Routing -
Left Engine
Compartment
(LCV/LFX)

Body Harness Routing -
Left Engine
Compartment (LWN)

Engine Harness Routing
- Left Front (LWN)

Engine Harness Routing
- Left Front (LWN)

Engine Harness Routing
- Left Front (LWN)

Engine Harness Routing
- Right Rear (LCV)

Engine Harness Routing
- Rear (LFX)

Engine Harness Routing
- Right Rear (LCV)

Engine Harness Routing
- Rear (LFX)

	Name	Option	Location	Locator View	Connector End View
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	-	-
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	-	-
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	<u>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</u>	-
J201	Body Harness	-	In passenger compartment, approximately 15.6 cm (6.14 in) from park brake switch breakout towards main harness	• <u>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</u> • <u>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</u>	-

Body Harness
Routing - Left
Front of Passenger
Compartment
(Crew Cab)

Body Harness
Routing - Left
Front of Passenger
Compartment
(Extended Cab)

Body Harness
Routing - Left
Front of Passenger
Compartment
(Crew Cab)

Body Harness
Routing - Left
Front of Passenger
Compartment
(Extended Cab)

Body Harness
Routing - Left
Front of Passenger
Compartment
(Crew Cab)

Body Harness
Routing - Left
Front of Passenger
Compartment
(Extended Cab)

Body Harness
Routing - Left
Front of Passenger
Compartment
(Crew Cab)

Body Harness
Routing - Left
Front of Passenger
Compartment
(Extended Cab)

Body Harness
Routing - Left
Front of Passenger
Compartment
(Crew Cab)

Body Harness
Routing - Left
Front of Passenger
Compartment
(Extended Cab)

Body Harness Routing -
Left Front of Passenger
Compartment (Crew
Cab)

Body Harness
Routing - Left
Front of Passenger
Compartment
(Crew Cab)

Body Harness
Routing - Left
Front of Passenger
Compartment
(Extended Cab)

Body Harness Routing -
Left Front of Passenger
Compartment (Crew
Cab)

Body Harness Routing -
Left Front of Passenger
Compartment (Extended
Cab)

Body Harness Routing -
Left Front of Passenger
Compartment (Crew
Cab)

	Name	Option	Location	Locator View	Connector End View
J211	Body Harness	Crew Cab	In passenger compartment, approximately 22 cm (8.66 in) from G301 breakout towards front of vehicle	<u>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</u>	-
J212	Body Harness	Crew Cab	In passenger compartment, approximately 30.2 cm (11.9 in) from G301 breakout towards front of vehicle	<u>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</u>	-
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	<u>Body Harness Routing - Right Front of Passenger Compartment (Crew Cab)</u>	-
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	<u>Instrument Panel Harness Routing - Rear</u>	-
J215	Instrument Panel Harness	-	In passenger compartment, behind left side of instrument panel, approximately 2.5 cm (1.0 in) from data link connector breakout towards floor	<u>Instrument Panel Harness Routing - Rear</u>	-

Instrument Panel
Harness Routing - Rear

Instrument Panel
Harness Routing - Rear

Instrument Panel
Harness Routing - Rear

Instrument Panel
Harness Routing - Rear

Instrument Panel
Harness Routing - Rear

Instrument Panel
Harness Routing - Rear

Instrument Panel
Harness Routing - Rear

Instrument Panel
Harness Routing - Rear

	Name	Option	Location	Locator View	Connector End View
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	<u>Instrument Panel Harness Routing - Rear</u>	-
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	<u>Instrument Panel Harness Routing - Rear</u>	-
J226	Instrument Panel Harness	IO4/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	<u>Instrument Panel Harness Routing - Rear</u>	-

	Name	Option	Location	Locator View	Connector End View
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	<u>Instrument Panel Harness Routing - Rear</u>	-
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	<u>Instrument Panel Harness Routing - Rear</u>	-
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	<u>Instrument Panel Harness Routing - Rear</u>	-

	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	<u>Instrument Panel Harness Routing - Rear</u>	-
J231	Instrument Panel Harness	-	In passenger compartment, behind right side of instrument panel, approximately 18 cm (3.54 in) from right front speaker breakout towards passenger instrument panel air bag breakout	<u>Instrument Panel Harness Routing - Rear</u>	-
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	<u>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</u> <u>Body Harness Routing - Left Front of Passenger Compartment (Extended Cab)</u>	-

	Name	Option	Location	Locator View	Connector End View
J236	Instrument Panel Harness	IO3/IO4+MYB	In passenger compartment, behind center of instrument panel, approximately 11.1 cm (4.37 in) into auxiliary audio input X1 breakout	-	-
J237	Instrument Panel Harness	IO3/IO4+N8D	In passenger compartment, behind center of instrument panel, approximately 4 cm (3.54 in) from radio X1 breakout towards left side of vehicle	<u>Instrument Panel Harness Routing - Rear</u>	-
J238	Instrument Panel Harness	IO3/IO4+N8D	In passenger compartment, behind center of instrument panel, approximately 16 cm (6.30 in) from X302 breakout	<u>Instrument Panel Harness Routing - Rear</u>	-
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	-	-
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	-	-

Body Harness Routing -
Right Front of Passenger
Compartment (Crew
Cab)

Body Harness
Routing - Right
Front of Passenger
Compartment
(Crew Cab)

Body Harness
Routing - Right
Front of Passenger
Compartment
(Extended Cab)

Body Harness Routing -
Left Front of Passenger
Compartment (Extended
Cab)

Center Console Harness
Routing

Center Console Harness
Routing

Headliner Harness
Routing (Crew
Cab)
NO TITLE

Headliner Harness
Routing (Crew
Cab)
NO TITLE

Headliner Harness
Routing (Crew Cab)

NO TITLE

Driver Seat Harness
Routing

Passenger Seat Harness
Routing

Driver Seat Harness
Routing

Passenger Seat Harness
Routing

Passenger Seat Harness
Routing

	Name	Option	Location	Locator View	Connector End View
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	-	-
J400	Chassis Harness	-	Underneath the rear of vehicle, approximately 5.3 cm (2.09 in) from G401 breakout towards rear of vehicle	• Chassis Harness Routing (Crew Cab) • Chassis Harness Routing (Extended Cab)	-
J401	Chassis Harness	LCV/LFX	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	• Chassis Harness Routing (Crew Cab) • Chassis Harness Routing (Extended Cab)	-
J402	Chassis Harness	LCV/LFX	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	• Chassis Harness Routing (Crew Cab) • Chassis Harness Routing (Extended Cab)	-
J402	Chassis Harness	LWN	Underneath the rear of vehicle, approximately 14.1 cm (5.50 in) from trailer brake power control module breakout towards left frame rail	• Chassis Harness Routing (Crew Cab) • Chassis Harness Routing (Extended Cab)	-

Chassis Harness
Routing (Crew
Cab)
Chassis Harness
Routing (Extended
Cab)

Chassis Harness
Routing (Crew
Cab)
Chassis Harness
Routing (Extended
Cab)

Chassis Harness
Routing (Crew
Cab)
Chassis Harness
Routing (Extended
Cab)

Rear License Plate
Harness Routing

Rear License Plate
Harness Routing

Rear License Plate
Harness Routing

Rear License Plate
Harness Routing

Chassis Harness Routing
(LWN)

Chassis Harness Routing
(LWN)

Chassis Harness
Routing (Crew
Cab)
Chassis Harness
Routing (Extended
Cab)

Chassis Harness Routing
(LWN)

Chassis Harness
Routing (Crew
Cab)
Chassis Harness
Routing (Extended
Cab)

	Name	Option	Location	Locator View	Connector End View
J414	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	<u>Chassis Harness Routing (LWN)</u>	-
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	<u>Chassis Harness Routing (LWN)</u>	-
J417	Chassis Harness	LWN	At middle of vehicle, approximately 26.9 cm (10.59 in) into the nitrogen oxide sensor 2 breakout	<u>Chassis Harness Routing (LWN)</u>	-
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	<u>Chassis Harness Routing (LWN)</u>	-

Chassis Harness Routing
(LWN)

Chassis Harness Routing
(LWN)

Chassis Harness Routing
(LWN)

Chassis Harness Routing
(LWN)

Chassis Harness Routing
(LWN)

	Name	Option	Location	Locator View	Connector End View
J424	Chassis Harness	LWN	Underneath the rear of vehicle, approximately 16 cm (16.22 in) from the reductant control module connector X1	-	-
J501	Driver Door Harness	-	In the driver door, approximately 7.9 cm (3.11 in) from window motor breakout towards front of vehicle	<u>Driver Door Harness Routing</u>	-
J502	Driver Door Harness	-	In the driver door, approximately 3.2 cm (1.26 in) from window motor breakout towards impact sensor breakout	<u>Driver Door Harness Routing</u>	-
J503	Driver Door Harness	-	In the driver door, approximately 21.3 cm (8.39 in) from window motor breakout towards front	<u>Driver Door Harness Routing</u>	-
J504	Driver Door Harness	-	In the driver door, approximately 15.4 cm (6.06 in) from speaker breakout towards rear of vehicle	<u>Driver Door Harness Routing</u>	-
J505	Driver Door Harness	-	In the driver door, approximately 31.5 cm (12.4 in) from speaker breakout towards rear of vehicle	<u>Driver Door Harness Routing</u>	-

Passenger Door Harness
Routing

Left Rear Door Harness
Routing (Exended Cab)

Left Rear Door Harness
Routing (Crew Cab)

Left Rear Door Harness
Routing (Exended Cab)

Right Rear Door Harness
Routing (Extended Cab)

Right Rear Door Harness
Routing (Crew Cab)

	Name	Option	Location	Locator View	Connector End View
J801	Right Rear Door Harness	Extended Cab	In the right rear door, near rear, approximately 23.3 cm (9.17 in) from speaker breakout towards rear of vehicle	<u>Right Rear Door Harness Routing (Extended Cab)</u>	-
JX200	Splice Pack - Instrument Panel	-	In the passenger compartment, under the instrument panel, left of the steering column and the body control module	<u>Instrument Panel Harness Routing - Rear</u>	<u>JX200 Splice Pack</u>
JX201	Splice Pack - Body	-	In the passenger compartment, under the instrument panel, behind the emergency brake assembly at carpet	<u>Body Harness Routing - Left Front of Passenger Compartment (Crew Cab)</u>	<u>JX201 Splice Pack</u>