

2017 ELECTRICAL

Wiring Systems and Power Management - Component Locator - Master Electrical Component List - CT6

MASTER ELECTRICAL COMPONENT LIST

Code	Name	Option	Location	Locator View	Connector End View
A3L	Sunshade - Left	-	In the passenger compartment, at left front attached to the headliner	Headliner and Roof Components	A3L Sunshade - Left
A3R	Sunshade - Right	-	In the passenger compartment, at right front attached to the headliner	Headliner and Roof Components	A3R Sunshade - Right
A4	Hybrid/EV Battery Pack	HP9	In the luggage compartment, under the rear window shelf	Hybrid Components (HP9)	A4 Hybrid/EV Battery Pack X1 (HP9) A4 Hybrid/EV Battery Pack X2 (HP9) A4 Hybrid/EV Battery Pack X3 (HP9)
A7	Fuel Pump and Level Sensor Assembly	-	In the vehicle underbody, mounted to the top of the fuel tank, right of center	Fuel Tank Components	A7 Fuel Pump and Level Sensor Assembly
A9A	Outside Rearview Mirror - Driver	-	On outside of driver door, front middle, forward of window opening	Driver Door Components	-
A9B	Outside Rearview Mirror - Passenger	-	On outside of passenger door, front middle, forward of window opening	Passenger Door Components	-
A10	Inside Rearview Mirror	-	In the passenger compartment, front center, at top of windshield, at center	Headliner and Roof Components	A10 Inside Rearview Mirror X1 A10 Inside Rearview Mirror X2 (DRZ)
A11	Radio	-	In the luggage compartment, right side, on bracket rear of right rear wheel well, above rear body fuse block	Luggage Compartment Components - Right	A11 Radio X1 (HP9) A11 Radio X1 (KL9) A11 Radio X2 A11 Radio X4 A11 Radio X5 A11 Radio X6 (U2M) A11 Radio X9 (U2Q)
A16	Transfer Case Motor	F46	In the vehicle underbody, center near middle, mounted to left side of transfer case at rear	Transfer Case Components (F46)	A16 Transfer Case Motor (F46)
A20	Radio/HVAC Controls	-	In the passenger compartment, front center, mounted to the instrument panel, below HVAC vents, part of HVAC controls	-	-
A23C	Liftgate Latch Assembly	TC2/TL9	In the luggage compartment, mounted to the rear deck lid, towards rear	-	A23C Liftgate Latch Assembly (HP9+ (TC2/TL9)) A23C Liftgate Latch Assembly (KL9+ (TC2/TL9))
A23D	Door Latch Assembly - Driver	-	Inside the driver door, at the rear middle	Driver Door Components	A23D Door Latch Assembly - Driver
A23LR	Door Latch Assembly - Left Rear	-	Inside the left rear door, at the rear middle	Left Rear Door Components	A23LR Door Latch Assembly - Left Rear

Code	Name	Option	Location	Locator View	Connector End View
A23P	Door Latch Assembly - Passenger	-	Inside the passenger door, at the rear middle	Passenger Door Components	A23P Door Latch Assembly - Passenger
A23RR	Door Latch Assembly - Right Rear	-	Inside the right rear door, at the rear middle	Right Rear Door Components	A23RR Door Latch Assembly - Right Rear
A24D	Door Handle Assembly - Driver Exterior	-	On outside of driver door, at rear	Driver Door Components	A24D Door Handle Assembly - Driver Exterior (HD7) A24D Door Handle Assembly - Driver Exterior (-HD7)
A24LR	Door Handle Assembly - Left Rear Exterior	-	On outside of left rear door, at rear	Left Rear Door Components	A24LR Door Handle Assembly - Left Rear Exterior (HD7) A24LR Door Handle Assembly - Left Rear Exterior (-HD7)
A24P	Door Handle Assembly - Passenger Exterior	-	On outside of passenger door, at rear	Passenger Door Components	A24P Door Handle Assembly - Passenger Exterior (HD7) A24P Door Handle Assembly - Passenger Exterior (-HD7)
A24RR	Door Handle Assembly - Right Rear Exterior	-	On outside of right rear door, at rear	Right Rear Door Components	A24RR Door Handle Assembly - Right Rear Exterior (HD7) A24RR Door Handle Assembly - Right Rear Exterior (-HD7)
A26	HVAC Controls	-	In the passenger compartment, front center, mounted to the instrument panel, below HVAC vents	Instrument Panel Components - Front	A26 HVAC Controls
A28	Hybrid/EV Battery Contactor Assembly	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	-
A33	Media Disc Player	-	(UWG) In the passenger compartment, rear center, mounted to the back of the center console (WCN) In the passenger compartment, right front, mounted inside of instrument panel compartment	Floor Console Components	A33 Media Disc Player X1 (UWG) A33 Media Disc Player X1 (WCN) A33 Media Disc Player X2 (UWG) A33 Media Disc Player X3 (UWG) A33 Media Disc Player X4 (UWG) A33 Media Disc Player X5 (UWG) A33 Media Disc Player X6 (UWG)
A34	HVAC Controls - Auxiliary	C24	In the passenger compartment, rear center, mounted to the back of the center console, above rear hvac vents	Floor Console Components	A34 HVAC Controls - Auxiliary (C24)
B1	A/C Refrigerant Pressure Sensor	-	In the engine compartment, left front, rear of cooling fan, attached to A/C line	-	B1 A/C Refrigerant Pressure Sensor (HP9) B1 A/C Refrigerant Pressure Sensor (KL9)

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B1C	A/C Low Side Pressure Sensor	HP9	In the engine compartment, left side of engine, near the A/C compressor	-	<u>B1C A/C Low Side Pressure Sensor (LTG+HP9)</u>
B5LF	Wheel Speed Sensor - Left Front	-	In the vehicle underbody, left front, mounted to knuckle at wheel bearing	<u>Front Wheelwell Components</u>	<u>B5LF Wheel Speed Sensor - Left Front</u>
B5LR	Wheel Speed Sensor - Left Rear	-	In the vehicle underbody, left rear, mounted to knuckle at wheel bearing	<u>Left Rear Wheelwell Components</u>	<u>B5LR Wheel Speed Sensor - Left Rear</u>
B5RF	Wheel Speed Sensor - Right Front	-	In the vehicle underbody, right front, mounted to knuckle at wheel bearing	<u>Front Wheelwell Components</u>	<u>B5RF Wheel Speed Sensor - Right Front</u>
B5RR	Wheel Speed Sensor - Right Rear	-	In the vehicle underbody, right rear, mounted to knuckle at wheel bearing	<u>Right Rear Wheelwell and Rear Axle Components</u>	<u>B5RR Wheel Speed Sensor - Right Rear</u>
B7D	Air Temperature Sensor - Duct Left Lower	-	In the passenger compartment, front, left of center within the instrument panel, on front of left lower duct	<u>HVAC Module Components</u>	<u>B7D Air Temperature Sensor - Duct Left Lower</u>
B7E	Air Temperature Sensor - Duct Right Lower	-	In the passenger compartment, front, right of center within the instrument panel, on front of right lower duct	<u>HVAC Module Components</u>	<u>B7E Air Temperature Sensor - Duct Right Lower</u>
B7H	Air Temperature Sensor - Duct Left Upper	-	In the passenger compartment, front, left of center within the instrument panel, on bottom of left upper duct	<u>HVAC Module Components</u>	<u>B7H Air Temperature Sensor - Duct Left Upper</u>
B7J	Air Temperature Sensor - Duct Right Upper	-	In the passenger compartment, front, right of center within the instrument panel, on bottom of right upper duct	<u>HVAC Module Components</u>	<u>B7J Air Temperature Sensor - Duct Right Upper</u>
B7Q	Air Temperature Sensor - Duct Center Console Auxiliary	CJ2	In the passenger compartment, center, underneath floor console, attached to air duct	-	<u>B7Q Air Temperature Sensor - Duct Center Console Auxiliary (CJ2)</u>
B7SL	Air Temperature Sensor - Duct Left Upper Auxiliary	C24	In the luggage compartment, left front, attached to upper air duct	-	<u>B7SL Air Temperature Sensor - Duct Left Upper Auxiliary (C24)</u>
B7SR	Air Temperature Sensor - Duct Right Upper Auxiliary	C24	In the luggage compartment, right front, attached to upper air duct	-	<u>B7SR Air Temperature Sensor - Duct Right Upper Auxiliary (C24)</u>
B7TL	Air Temperature Sensor - Duct Left Lower Auxiliary	C24	In the passenger compartment, center, underneath floor console, attached to air duct	-	<u>B7TL Air Temperature Sensor - Duct Left Lower Auxiliary (C24)</u>
B7TR	Air Temperature Sensor - Duct Right Lower Auxiliary	C24	In the passenger compartment, center, underneath floor console, attached to air duct	-	<u>B7TR Air Temperature Sensor - Duct Right Lower Auxiliary (C24)</u>
B9	Ambient Air Temperature Sensor	-	At front of vehicle, right of center, behind fascia, mounted right radiator air deflector	<u>Front of Vehicle Components - Front</u>	<u>B9 Ambient Air Temperature Sensor</u>
B10B	Ambient Light/Sunload Sensor	KL9	In the passenger compartment, front center, mounted to instrument panel, in between HVAC defrost vents, near windshield	<u>Instrument Panel Components - Front</u>	<u>B10B Ambient Light/Sunload Sensor (KL9)</u>
B13	Transmission Fluid Temperature Sensor	-	In the vehicle underbody, near center, forward of middle, inside the automatic transmission assembly	<u>Automatic Transmission Valve Body Components</u>	-

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B14A	Transmission Output Shaft Speed Sensor	-	In the vehicle underbody, near center, forward of middle, inside the automatic transmission assembly	Automatic Transmission Case Components	-
B14C	Transmission Input Shaft Speed Sensor	-	In the vehicle underbody, near center, forward of middle, inside the automatic transmission assembly	Automatic Transmission Case Components	-
B14D	Transmission Intermediate Shaft Speed Sensor	-	In the vehicle underbody, near center, forward of middle, inside the automatic transmission assembly	Automatic Transmission Case Components	-
B15	Transmission Internal Mode Switch	-	In the vehicle underbody, near center, forward of middle, inside the automatic transmission assembly	Automatic Transmission Case Components	B15 Transmission Internal Mode Switch B15 Transmission Internal Mode Switch (HP9)
B17	Barometric Pressure Sensor	LGW	In the engine compartment, front right, mounted to air cleaner assembly, near clean air duct to bank 1	Engine Components - Air Pressure/Temperature Sensors (LGW)	B17 Barometric Pressure Sensor (LGW)
B18	Battery Current Sensor	HP9	In the luggage compartment, center, in the battery well, around the negative battery cable	-	B18 Battery Current Sensor (HP9)
B19B	Brake Booster Vacuum Sensor	-	In the engine compartment, at the driver side rear, mounted on the brake booster at vacuum check valve	-	B19B Brake Booster Vacuum Sensor
B20	Brake Fluid Level Switch	-	In the engine compartment, driver side rear, mounted to the brake fluid reservoir, near bottom	Engine Compartment Components - Left	B20 Brake Fluid Level Switch
B22	Brake Pedal Position Sensor	-	In the passenger compartment, driver side front, left of accelerator pedal, mounted to bracket on bulkhead	-	B22 Brake Pedal Position Sensor
B23A	Camshaft Position Sensor - Bank 1 Exhaust	LGW/LGX	In the engine compartment, near rear, right of center, mounted to outer side of bank 1 valve cover	Engine Components - Top (LGW) Engine Components - Top (LGX)	B23A Camshaft Position Sensor - Bank 1 Exhaust (LGW/LGX)
B23B	Camshaft Position Sensor - Bank 1 Intake	LGW/LGX	In the engine compartment, near rear, right of center, mounted to inner side of bank 1 valve cover	Engine Components - Top (LGW) Engine Components - Top (LGX)	B23B Camshaft Position Sensor - Bank 1 Intake (LGW/LGX)
B23C	Camshaft Position Sensor - Bank 2 Exhaust	LGW/LGX	In the engine compartment, near rear, left of center, mounted to outer side of bank 2 valve cover	Engine Components - Top (LGW) Engine Components - Top (LGX)	B23C Camshaft Position Sensor - Bank 2 Exhaust (LGW/LGX)
B23D	Camshaft Position Sensor - Bank 2 Intake	LGW/LGX	In the engine compartment, near rear, left of center, mounted to inner side of bank 2 valve cover	Engine Components - Top (LGW) Engine Components - Top (LGX)	B23D Camshaft Position Sensor - Bank 2 Intake (LGW/LGX)
B23E	Camshaft Position Sensor - Exhaust	LTG	In the engine compartment, rear left of center, mounted to cylinder head, on left side	Engine Components - Left Rear (LTG)	B23E Camshaft Position Sensor - Exhaust (LTG)

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B23F	Camshaft Position Sensor - Intake	LTG	In the engine compartment, rear left of center, mounted to cylinder head, on left side	<u>Engine Components - Left Rear (LTG)</u>	<u>B23F Camshaft Position Sensor - Intake (LTG)</u>
B24	Cellular Phone Microphone	-	In the passenger compartment, left front, mounted to headliner, behind left sunshade	<u>Headliner and Roof Components</u>	<u>B24 Mobile Telephone Microphone</u>
B26	Crankshaft Position Sensor	-	(LGW/LGX) In the engine compartment, right of center, near rear, mounted to right side of engine block (LTG) In the engine compartment, right of center, near rear, mounted to right side of engine block, near starter motor	<u>Engine Components - Rear (LGW)</u> <u>Engine Components - Rear (LGX)</u> <u>Engine Components - Right (LTG)</u>	<u>B26 Crankshaft Position Sensor (LGW)</u> <u>B26 Crankshaft Position Sensor (LGX)</u> <u>B26 Crankshaft Position Sensor (LTG)</u>
B27D	Door Handle Switch - Driver Exterior	-	On outside of driver door, at rear, part of door handle assembly	<u>Driver Door Components</u>	-
B27LR	Door Handle Switch - Left Rear Exterior	-	On outside of left rear door, at rear, part of door handle assembly	-	-
B27P	Door Handle Switch - Passenger Exterior	-	On outside of passenger door, at rear, part of door handle assembly	<u>Passenger Door Components</u>	-
B27RR	Door Handle Switch - Right Rear Exterior	-	On outside of right rear door, at rear, part of door handle assembly	-	-
B30	Hybrid/EV Battery Pack Current Sensor	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	-
B32A	Hybrid/EV Battery Temperature Sensor 1	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>B32A Hybrid/EV Battery Temperature Sensor 1 (HP9)</u>
B32B	Hybrid/EV Battery Temperature Sensor 2	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>B32B Hybrid/EV Battery Temperature Sensor 2</u>
B32C	Hybrid/EV Battery Temperature Sensor 3	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>B32C Hybrid/EV Battery Temperature Sensor 3 (HP9)</u>
B32D	Hybrid/EV Battery Temperature Sensor 4	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>B32D Hybrid/EV Battery Temperature Sensor 4 (HP9)</u>
B32E	Hybrid/EV Battery Temperature Sensor 5	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>B32E Hybrid/EV Battery Temperature Sensor 5 (HP9)</u>
B32F	Hybrid/EV Battery Temperature Sensor 6	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>B32F Hybrid/EV Battery Temperature Sensor 6</u>

Code	Name	Option	Location	Locator View	Connector End View
B34	Engine Coolant Temperature Sensor	-	(LGW/LGX) In the engine compartment, center middle, at top front of engine block, near thermostat housing (LTG) In the engine compartment, rear center, mounted to coolant outlet at rear of cylinder head	Engine/Fuel Rail Components - Under Upper Intake Manifold (LGW/LGX) Engine Components - Left Rear (LTG)	B34 Engine Coolant Temperature Sensor (LGW/LGX) B34 Engine Coolant Temperature Sensor (LTG+HP9) B34 Engine Coolant Temperature Sensor (LTG+KL9)
B35	Engine Oil Level Switch	-	(LGW/LGX) In the engine compartment, front center, mounted in the front of the engine oil pan (LTG) In the engine compartment, right of center, near middle, mounted to right side of oil pan	Engine Components - Left Front (LGX) Engine Components - Right (LTG) Engine Components - Left Front (LGW)	B35 Engine Oil Level Switch (LGW/LGX) B35 Engine Oil Level Switch (LTG)
B37B	Engine Oil Pressure Sensor	-	(LGW/LGX) In the engine compartment, left side of engine, front, above A/C compressor, behind coolant pipe (LTG) In the engine compartment, right of center, near middle, mounted to right side of engine block	Engine Components - Right (LTG) Engine Components - Left Front (LGW) Engine Components - Left Front (LGX)	B37B Engine Oil Pressure Sensor (LGW/LGX) B37B Engine Oil Pressure Sensor (LTG)
B39	A/C Evaporator Temperature Sensor	-	In the passenger compartment, left front, attached to HVAC assembly	-	B39 A/C Evaporator Temperature Sensor
B46A	Fuel Level Sensor - Primary	-	In the vehicle underbody, at top of fuel tank, right of center, part of the fuel pump and level sensor assembly	Fuel Tank Components	-
B46B	Fuel Level Sensor - Secondary	-	In the vehicle underbody, at top of fuel tank, left of center, part of the fuel level sensor assembly	Fuel Tank Components	-
B47	Fuel Pressure Sensor	-	In the vehicle underbody, on fuel line above fuel tank	-	B47 Fuel Pressure Sensor
B47B	Fuel Rail Pressure Sensor	LTG	In the engine compartment, right of center, rear of middle, mounted to right side of fuel rail, below intake manifold, between cylinders 3 and 4	Engine Components - Right (LTG)	B47B Fuel Rail Pressure Sensor (LTG)
B52A	Heated Oxygen Sensor 1	LTG	In the engine compartment, left of center near middle, mounted to exhaust pipe, before the catalytic converter	Engine Components - Left Rear (LTG)	B52A Heated Oxygen Sensor 1 (LTG)
B52B	Heated Oxygen Sensor 2	LTG	In the engine compartment, lower rear, left of center, mounted to the catalytic converter	Engine Components - Left Rear (LTG)	B52B Heated Oxygen Sensor 2 (LTG)

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B52C	Heated Oxygen Sensor - Bank 1 Sensor 1	LGW/LGX	In the engine compartment, right of center, near rear, on exhaust pipe, before the catalytic converter	Engine Components - Rear (LGW) Engine Components - Rear (LGX)	B52C Heated Oxygen Sensor - Bank 1 Sensor 1 (LGW) B52C Heated Oxygen Sensor - Bank 1 Sensor 1 (LGX)
B52D	Heated Oxygen Sensor - Bank 1 Sensor 2	LGW/LGX	In the engine compartment, right of center, lower rear, mounted in the catalytic converter	Engine Components - Rear (LGW) Engine Components - Rear (LGX)	B52D Heated Oxygen Sensor - Bank 1 Sensor 2 (LGW/LGX)
B52E	Heated Oxygen Sensor - Bank 2 Sensor 1	LGW/LGX	In the engine compartment, left of center, near rear, on exhaust pipe, before the catalytic converter	Engine Components - Rear (LGX) Engine Components - Rear (LGW)	B52E Heated Oxygen Sensor - Bank 2 Sensor 1 (LGW) B52E Heated Oxygen Sensor - Bank 2 Sensor 1 (LGX)
B52F	Heated Oxygen Sensor - Bank 2 Sensor 2	LGW/LGX	In the engine compartment, left of center, lower rear, mounted in the catalytic converter	Engine Components - Rear (LGW) Engine Components - Rear (LGX)	B52F Heated Oxygen Sensor - Bank 2 Sensor 2 (LGW/LGX)
B55	Hood Ajar Switch	-	In the engine compartment, at front, center, mounted to the front of the radiator support, part of hood latch	Engine Compartment Components - Center (KL9) Engine Compartment Components - Center (HP9)	B55 Engine Hood Switch
B59L	Front Impact Sensor - Left	-	In the engine compartment, at front, left of center, mounted to the rear of the radiator support	Engine Compartment Components - Center (HP9) Engine Compartment Components - Center (KL9)	B59L Front Impact Sensor - Left
B59R	Front Impact Sensor - Right	-	In the engine compartment, at front, right of center, mounted to the rear of the radiator support	Engine Compartment Components - Center (KL9) Engine Compartment Components - Center (HP9)	B59R Front Impact Sensor - Right
B61P	Seat Belt Tension Sensor - Passenger	-	In the passenger compartment, right side, at the base of the B-pillar	-	B61P Seat Belt Tension Sensor - Passenger
B62P	Seat Position Sensor - Passenger	-	In the passenger compartment, in the passenger seat cushion, on inboard seat track	-	B62P Seat Position Sensor - Passenger
B63LF	Side Impact Sensor - Left Front	-	In driver door, mounted to door rearward of window motor	Driver Door Components	B63LF Side Impact Sensor - Left Front
B63LR	Side Impact Sensor - Left Rear	-	In the passenger compartment, left side, rear of middle, on rocker in foot well	Passenger Compartment - Left Rear	B63LR Side Impact Sensor - Left Rear
B63RF	Side Impact Sensor - Right Front	-	In passenger door, mounted to door rearward of window motor	Passenger Door Components	B63RF Side Impact Sensor - Right Front
B63RR	Side Impact Sensor - Right Rear	-	In the passenger compartment, right side, rear of middle, on rocker in foot well	Passenger Compartment - Right Rear	B63RR Side Impact Sensor - Right Rear

Code	Name	Option	Location	Locator View	Connector End View
B67A	Ultrasonic Intrusion Sensor 1	UTU/UTV	In the passenger compartment, left of center, near front, above overhead console, part of content theft deterrent sensor module	-	-
B67B	Ultrasonic Intrusion Sensor 2	UTU/UTV	In the passenger compartment, right of center, near front, above overhead console, part of content theft deterrent sensor module	-	-
B68A	Knock Sensor 1	-	(LGW/LGX) In the engine compartment, right of center, near middle, rear of alternator, mounted to right side of engine block (LTG) In the engine compartment, right of center, forward of middle, mounted to right side of engine block	<u>Engine Components - Rear (LGW)</u> <u>Engine Components - Right (LTG)</u> <u>Engine Components - Rear (LGX)</u>	<u>B68A Knock Sensor 1 (LGW)</u> <u>B68A Knock Sensor 1 (LGX/LTG)</u>
B68B	Knock Sensor 2	-	(LGW/LGX) In the engine compartment, left of center, near middle, mounted to left side of engine block, in front of starter (LTG) In the engine compartment, right of center, rear of middle, mounted to right side of engine block	<u>Engine Components - Rear (LGW)</u> <u>Engine Components - Left Front (LGX)</u> <u>Engine Components - Right (LTG)</u>	<u>B68B Knock Sensor 2 (LGW)</u> <u>B68B Knock Sensor 2 (LGX/LTG)</u>
B70	Liftgate Close Switch	TC2/TL9	At rear of vehicle, left of center, at inside bottom of rear compartment lid	<u>Rear Compartment Lid Components</u>	<u>B70 Liftgate Close Switch (TC2/TL9)</u>
B74	Manifold Absolute Pressure Sensor	-	(LGW/LGX) In the engine compartment, center near rear, mounted to top of intake manifold (LTG) In the engine compartment, right of center, near front, mounted to right side of intake manifold	<u>Engine Components - Rear (LGX)</u> <u>Engine Components - Right Rear (LTG)</u> <u>Engine Components - Air Pressure/Temperature Sensors (LGW)</u>	<u>B74 Manifold Absolute Pressure Sensor (LGW/LGX)</u> <u>B74 Manifold Absolute Pressure Sensor (LTG+ (HP9/KL9))</u>
B75B	Mass Air Flow/Intake Air Temperature Sensor	LGW	In the engine compartment, front right, mounted to air cleaner assembly, near clean air duct to bank 1	<u>Engine Components - Air Pressure/Temperature Sensors (LGW)</u>	<u>B75B Mass Air Flow/Intake Air Temperature Sensor (LGW)</u>

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B75C	Multifunction Intake Air Sensor	-	(LGW) In the engine compartment, front left, mounted to air cleaner assembly, near clean air duct to bank 2 (LGX) In the engine compartment, front right, mounted to air cleaner assembly, near clean air duct (LTG) In the engine compartment, front left, mounted to air cleaner assembly, near clean air duct	<u>Engine Components - Right Rear (LTG)</u> <u>Engine Components - Air Pressure/Temperature Sensors (LGW)</u> <u>Engine Components - Left Front (LGX)</u>	<u>B75C Multifunction Intake Air Sensor (LGW)</u> <u>B75C Multifunction Intake Air Sensor (LGX)</u> <u>B75C Multifunction Intake Air Sensor (LTG)</u>
B77LF	Radio Volume Compensator Interior Noise Microphone - Left Front	-	In the passenger compartment, left side, front, in headliner at assist handle	<u>Headliner and Roof Components</u>	<u>B77LF Radio Volume Compensator Interior Noise Microphone - Left Front</u>
B77R	Radio Volume Compensator Interior Noise Microphone - Rear	-	In the passenger compartment, rear center, in headliner	<u>Headliner and Roof Components</u>	<u>B77R Radio Volume Compensator Interior Noise Microphone - Rear</u>
B77RF	Radio Volume Compensator Interior Noise Microphone - Right Front	-	In the passenger compartment, right side, front, in headliner at assist handle	<u>Headliner and Roof Components</u>	<u>B77RF Radio Volume Compensator Interior Noise Microphone - Right Front</u>
B81B	Park Position Switch	-	In the passenger compartment, center near front, on shift lever within floor console	-	-
B82F	Pedestrian Impact Detection Sensor - Upper Beam Front	B3T	At front of vehicle, center, behind fascia, mounted to bottom of bumper	<u>Front of Vehicle Components - Behind Front Fascia</u>	<u>B82F Pedestrian Impact Detection Sensor - Upper Beam Front X1 (B3T)</u> <u>B82F Pedestrian Impact Detection Sensor - Upper Beam Front X2 (B3T)</u>
B87	Rearview Camera	UVC/UVH	At rear of vehicle, left of center, at top license plate pocket	<u>Rear Compartment Lid Components</u>	<u>B87 Rearview Camera X1 (UVC)</u> <u>B87 Rearview Camera X1 (UVH)</u> <u>B87 Rearview Camera X2 (DRZ)</u>
B88D	Seat Belt Switch - Driver	-	In the passenger compartment, in the driver seat, on inboard side, at rear of cushion, part of seat belt buckle	-	-
B88P	Seat Belt Switch - Passenger	-	In the passenger compartment, in the passenger seat, on inboard side, at rear of cushion, part of seat belt buckle	-	-
B107	Accelerator Pedal Position Sensor	-	In the passenger compartment, left front, in foot well, part of the accelerator pedal assembly	-	<u>B107 Accelerator Pedal Position Sensor (HP9)</u> <u>B107 Accelerator Pedal Position Sensor (KL9)</u>

Code	Name	Option	Location	Locator View	Connector End View
B108	Air Quality Sensor	-	In the engine compartment, below the air inlet grille cover, on the right side of the inlet grille panel	<u>Engine Compartment Components - Right</u>	• <u>B108 Air Quality Sensor (HP9)</u> • <u>B108 Air Quality Sensor (KL9)</u>
B109	Transfer Case Fluid Temperature Sensor	F46	In the vehicle underbody, center near middle, mounted to right side of transfer case at rear	<u>Transfer Case Components (F46)</u>	<u>B109 Transfer Case Fluid Temperature Sensor ((LGW/LGX)+F46)</u>
B110	Battery Sensor Module	-	In the luggage compartment, near center, on the battery negative cable	<u>Luggage Compartment Components - Center (KL9)</u>	• <u>B110 Battery Sensor Module X1</u> • <u>B110 Battery Sensor Module X2</u>
B111B	Turbocharger Boost/Intake Air Temperature Sensor	-	• (LGW) In the engine compartment, rear center, at rear of charge air cooler housing • (LTG) In the engine compartment, front, right of center, mounted to inlet duct near throttle body	• <u>Engine Components - Right Rear (LTG)</u> • <u>Engine Components - Air Pressure/Temperature Sensors (LGW)</u>	• <u>B111B Turbocharger Boost/Intake Air Temperature Sensor (LGW)</u> • <u>B111B Turbocharger Boost/Intake Air Temperature Sensor (LTG+HP9)</u> • <u>B111B Turbocharger Boost/Intake Air Temperature Sensor (LTG+KL9)</u>
B117	Rain Sensor	-	In the passenger compartment, front center, at top of windshield, at center	<u>Headliner and Roof Components</u>	<u>B117 Rain Sensor</u>
B118B	Windshield Washer Fluid Level Switch	-	In the left front wheel well, forward of the wheel, attached to the washer fluid reservoir, rear lower	<u>Engine Compartment Components - Left</u>	<u>B118B Windshield Washer Fluid Level Switch</u>
B150	Fuel Tank Pressure Sensor	-	In the vehicle underbody, mounted to the top of the fuel tank, right of center, near the fuel pump and level sensor assembly	<u>Fuel Tank Components</u>	<u>B150 Fuel Tank Pressure Sensor</u>
B152LF	Suspension Position Sensor - Left Front	F55	In the vehicle underbody, left front, mounted to left lower control arm	<u>Front Wheelwell Components</u>	<u>B152LF Suspension Position Sensor - Left Front (F55/TR7)</u>
B152LR	Suspension Position Sensor - Left Rear	F55	In the vehicle underbody, left rear, mounted to the body, near the left rear forward control arm	<u>Left Rear Wheelwell Components</u>	<u>B152LR Suspension Position Sensor - Left Rear (F55/TR7)</u>
B152RF	Suspension Position Sensor - Right Front	F55	In the vehicle underbody, right front, mounted to right lower control arm	<u>Front Wheelwell Components</u>	<u>B152RF Suspension Position Sensor - Right Front (F55)</u>
B152RR	Suspension Position Sensor - Right Rear	F55	In the vehicle underbody, right rear, mounted to the body, near the right rear forward control arm	<u>Right Rear Wheelwell and Rear Axle Components</u>	<u>B152RR Suspension Position Sensor - Right Rear (F55)</u>
B153D	Seat Belt Buckle - Driver	-	In the passenger compartment, in the driver seat, on inboard side, at rear of cushion	-	<u>B153D Seat Belt Buckle - Driver</u>
B153P	Seat Belt Buckle - Passenger	-	In the passenger compartment, in the passenger seat, on inboard side, at rear of cushion	-	<u>B153P Seat Belt Buckle - Passenger</u>
B164	Liftgate Angle Sensor	TC2/TL9	In the luggage compartment, center, mounted to the trunk lid, behind plastic trim, within liftgate motor assembly	-	-

Code	Name	Option	Location	Locator View	Connector End View
B165	Content Theft Deterrent Sensor Module	UTR/UTU	In the passenger compartment, center near front, mounted to back of overhead console	<u>Overhead Console Components</u>	<u>B165 Content Theft Deterrent Sensor Module (UTU/UTV)</u>
B166LF	Advanced Parking Assist Side Object Sensor - Left Front	UFQ	In the front of vehicle, left front, mounted to front fascia, above the left front side marker lamp	<u>Front of Vehicle Components - Behind Front Fascia</u>	<u>B166LF Advanced Parking Assist Side Object Sensor - Left Front (UKG)</u>
B166LR	Advanced Parking Assist Side Object Sensor - Left Rear	UFQ	At rear of vehicle, below left taillight assembly, mounted behind rear fascia	<u>Behind Rear Fascia Components</u>	<u>B166LR Advanced Parking Assist Side Object Sensor - Left Rear (UKG)</u>
B166RF	Advanced Parking Assist Side Object Sensor - Right Front	UFQ	In the front of vehicle, right front, mounted to front fascia, above the right front side marker lamp	<u>Front of Vehicle Components - Behind Front Fascia</u>	<u>B166RF Advanced Parking Assist Side Object Sensor - Right Front (UKG)</u>
B166RR	Advanced Parking Assist Side Object Sensor - Right Rear	UFQ	At rear of vehicle, below right taillight assembly, mounted behind rear fascia	<u>Behind Rear Fascia Components</u>	<u>B166RR Advanced Parking Assist Side Object Sensor - Right Rear (UKG)</u>
B174G	Frontview Camera - Grille	UVH	On the front of the vehicle, on the center of the grille	<u>Front of Vehicle Components - Front</u>	<u>B174G Frontview Camera - Grille (UVH)</u>
B174W	Frontview Camera - Windshield	UEU/UHX	In the passenger compartment, at the front and center, mounted to the top of the windshield	<u>Headliner and Roof Components</u>	<u>B174W Frontview Camera - Windshield</u>
B187	Fuel Level Sensor Assembly	-	In the vehicle underbody, at top of fuel tank, left of center	<u>Fuel Tank Components</u>	<u>B187 Fuel Level Sensor Assembly</u>
B197	Charge Port Door Position Switch	HP9	On the outside of the vehicle, at the rear, right rear quarter panel, behind the fuel tank filler door	<u>Luggage Compartment Components - Center (HP9)</u>	<u>B197 Charge Port Door Position Switch</u>
B201	Brake Control Brake Pedal Position Sensor	HP9	In the engine compartment, driver side rear, mounted to the brake fluid master cylinder	<u>Engine Compartment Brake Components (HP9)</u>	<u>B201 Brake Control Brake Pedal Position Sensor (HP9)</u>
B202	Hybrid/EV Electronics Coolant Temperature Sensor	HP9	In the engine compartment, right of center at the front, behind the front fascia, below the front bumper impact bar	<u>Engine Compartment Components - Center (HP9)</u>	<u>B202 Hybrid/EV Electronics Coolant Temperature Sensor (HP9)</u>
B204A	Hybrid/EV Battery Pack Coolant Temperature Sensor 1	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>B204A Hybrid/EV Battery Pack Coolant Temperature Sensor 1 (HP9)</u>
B208	Fuel Fill Door Status Switch Assembly	HP9	In the vehicle underbody, right rear, in the right rear wheel well, behind the fuel filler door	<u>Right Rear Wheelwell Components (HP9)</u>	<u>B208 Fuel Fill Door Status Switch Assembly (HP9)</u>
B218L	Side Object Sensor Module - Left	UFG/UKC	At left rear of vehicle, mounted to back side of rear fascia	<u>Rear of Vehicle Components</u>	<u>B218L Side Object Sensor Module - Left (UKC)</u>
B218R	Side Object Sensor Module - Right	UFG/UKC	At right rear of vehicle, mounted to back side of rear fascia	<u>Rear of Vehicle Components</u>	<u>B218R Side Object Sensor Module - Right (UKC)</u>
B225L	Sideview Camera - Left	UVH	Outside of vehicle, left front, mounted to left outside rearview mirror	-	<u>B225L Sideview Camera - Left (UVH)</u>
B225R	Sideview Camera - Right	UVH	Outside of vehicle, right front, mounted to right outside rearview mirror	-	<u>B225R Sideview Camera - Right (UVH)</u>
B228A	Drive Motor 1 Position Sensor	HP9	In the vehicle underbody, near center, forward of middle, inside the automatic transmission assembly	-	<u>B228A Drive Motor 1 Position Sensor (HP9)</u>

Code	Name	Option	Location	Locator View	Connector End View
B228B	Drive Motor 2 Position Sensor	HP9	In the vehicle underbody, near center, forward of middle, inside the automatic transmission assembly	-	<u>B228B Drive Motor 2 Position Sensor (HP9)</u>
B233B	Radar Sensor Module - Long Range	UGN/UVZ	Front of vehicle, behind front fascia, mounted between the center of the core support and center of the front bumper	<u>Front of Vehicle Components - Behind Front Fascia</u>	• <u>B233B Radar Sensor Module - Long Range (UGN+HP9)</u> • <u>B233B Radar Sensor Module - Long Range (UGN+KL9)</u>
B233LF	Radar Sensor Module - Short Range Left Front	UGN/UVZ	At front of vehicle, left of center, mounted to rear of fascia, above lower grille opening	<u>Front of Vehicle Components - Behind Front Fascia</u>	<u>B233LF Radar Sensor Module - Short Range Left Front (UGN)</u>
B233R	Radar Sensor Module - Short Range Rear	UGN/UVZ	At the rear of vehicle, near center, near bumper behind fascia	<u>Behind Rear Fascia Components</u>	<u>B233R Radar Sensor Module - Short Range Rear</u>
B233RF	Radar Sensor Module - Short Range Right Front	UGN/UVZ	At front of vehicle, right of center, mounted to rear of fascia, above lower grille opening	<u>Front of Vehicle Components - Behind Front Fascia</u>	<u>B233RF Radar Sensor Module - Short Range Right Front (UGN)</u>
B258	Hybrid/EV Battery Coolant Level Switch	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>B258 Hybrid/EV Battery Coolant Level Switch (HP9)</u>
B275A	Hands-Free Liftgate Sensor - Upper	TC2	At the rear of the vehicle, center, mounted to the underside of the rear bumper, near hands-free liftgate sensor control module	-	-
B275B	Hands-Free Liftgate Sensor - Lower	TC2	At the rear of the vehicle, center, mounted to the underside of the rear bumper, near hands-free liftgate sensor control module	-	-
B276	Night Vision Camera	UV3	At front of vehicle, center, left of center, mounted behind grille	<u>Front of Vehicle Components - Front</u>	<u>B276 Night Vision Camera (UV3)</u>
B280	Automatic Transmission Accumulator Solenoid Valve	-	In the vehicle underbody, near center, middle, inside the automatic transmission assembly, on valve body	<u>Automatic Transmission Valve Body Components</u>	<u>B280 Automatic Transmission Accumulator Solenoid Valve (KL9)</u>
B305	Ambient Light/Sunload Sensor and Battery State of Charge Indicator	HP9	In the passenger compartment, front center, mounted to instrument panel, in between HVAC defrost vents, near windshield	-	<u>B305 Ambient Light/Sunload Sensor and Battery State of Charge Indicator (HP9)</u>
B306A	Parking Assist Sensor - Front Left Outer	-	At front of vehicle, left side, below headlamp assembly	<u>Front of Vehicle Components - Front</u>	<u>B78A Front Object Sensor - Left Outer</u>
B306B	Parking Assist Sensor - Front Left Middle	-	At front of vehicle, right side, below headlamp assembly	<u>Front of Vehicle Components - Front</u>	<u>B78C Front Object Sensor - Left Middle</u>
B306C	Parking Assist Sensor - Front Right Middle	-	At front of vehicle, left of center, below upper grille opening	<u>Front of Vehicle Components - Front</u>	<u>B78D Front Object Sensor - Right Middle</u>
B306D	Parking Assist Sensor - Front Right Outer	-	At front of vehicle, right of center, below upper grille opening	<u>Front of Vehicle Components - Front</u>	<u>B78B Front Object Sensor - Right Outer</u>
B306E	Parking Assist Sensor - Rear Left Outer	-	At rear of vehicle, left of center, below license plate pocket	<u>Rear of Vehicle Components</u>	<u>B78G Rear Object Sensor - Left Outer</u>
B306F	Parking Assist Sensor - Rear Left Middle	-	At rear of vehicle, right of center, below license plate pocket	<u>Rear of Vehicle Components</u>	<u>B78E Rear Object Sensor - Left Middle</u>

Code	Name	Option	Location	Locator View	Connector End View
B306G	Parking Assist Sensor - Rear Right Middle	-	At rear of vehicle, right of center, below license plate pocket	<u>Rear of Vehicle Components</u>	<u>B78F Rear Object Sensor - Right Middle</u>
B306H	Parking Assist Sensor - Rear Right Outer	-	At rear of vehicle, right side, above right side tail pipes	<u>Rear of Vehicle Components</u>	<u>B78H Rear Object Sensor - Right Outer</u>
B310	Fuel Pressure/Temperature Sensor	LGW/LGX	In the engine compartment, near middle rear, mounted to rear of bank 2 fuel rail,	<u>Engine/Fuel Rail Components - Under Upper Intake Manifold (LGW/LGX)</u>	<u>B310 Fuel Pressure/Temperature Sensor (LGW/LGX)</u>
C1	Battery	-	In the luggage compartment, near center, in battery well	<u>Luggage Compartment Components - Center (HP9)</u> <u>Luggage Compartment Components - Center (KL9)</u>	-
C3	Telematics Communication Interface Control Module Battery	HP9	In the passenger compartment, right front, behind instrument panel, near telematics communication interface control module/navigation control module	-	<u>C3 Telematics Communication Interface Control Module Battery (UE1)</u>
C4A	Hybrid/EV Battery Section 1	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>C4A Hybrid/EV Battery Section 1 X1 (HP9)</u> <u>C4A Hybrid/EV Battery Section 1 X2 (HP9)</u>
C4B	Hybrid/EV Battery Section 2	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>C4B Hybrid/EV Battery Section 2 X1 (HP9)</u> <u>C4B Hybrid/EV Battery Section 2 X3 (HP9)</u>
C4C	Hybrid/EV Battery Section 3	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>C4C Hybrid/EV Battery Section 3 X1 (HP9)</u> <u>C4C Hybrid/EV Battery Section 3 X2 (HP9)</u>
C5A	Hybrid/EV Battery Module 1	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>C5A Hybrid/EV Battery Module 1 (HP9)</u>
C5B	Hybrid/EV Battery Module 2	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>C5B Hybrid/EV Battery Module 2 X1 (HP9)</u> <u>C5B Hybrid/EV Battery Module 2 X2 (HP9)</u>
C5C	Hybrid/EV Battery Module 3	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>C5C Hybrid/EV Battery Module 3 (HP9)</u>
C5D	Hybrid/EV Battery Module 4	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>C5D Hybrid/EV Battery Module 4 (HP9)</u>
C5E	Hybrid/EV Battery Module 5	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>C5E Hybrid/EV Battery Module 5 (HP9)</u>

Code	Name	Option	Location	Locator View	Connector End View
C5F	Hybrid/EV Battery Module 6	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>C5F Hybrid/EV Battery Module 6 (HP9)</u>
C5G	Hybrid/EV Battery Module 7	HP9	Under the vehicle, in the Hybrid/EV battery pack, part of Hybrid/EV battery section 1	-	-
E1D	Accent Lamp - Driver Door	TSP	On the driver door, near top, at trim near release handle	<u>Driver Door Trim Components</u>	<u>E1D Accent Lamp - Driver Door (TSQ)</u>
E1G	Accent Lamp - Left Instrument Panel	TSP	In the passenger compartment, left front, in the instrument panel, below left outboard vent	<u>Instrument Panel Components - Front</u>	<u>E1G Accent Lamp - Left Instrument Panel (TSQ)</u>
E1H	Accent Lamp - Right Instrument Panel	TSP	In the passenger compartment, right front, in the instrument panel, below right outboard vent	<u>Instrument Panel Components - Front</u>	<u>E1H Accent Lamp - Right Instrument Panel (TSQ)</u>
E1LR	Accent Lamp - Left Rear Door	TSP	On the left rear door, near top, at trim below release handle	<u>Left Rear Door Trim Components</u>	<u>E1LR Accent Lamp - Left Rear Door (TSQ)</u>
E1P	Accent Lamp - Passenger Door	TSP	On the passenger door, near top, at trim near release handle	<u>Passenger Door Trim Components</u>	<u>E1P Accent Lamp - Passenger Door (TSQ)</u>
E1RR	Accent Lamp - Right Rear Door	TSP	On the right rear door, near top, at trim below release handle	<u>Right Rear Door Trim Components</u>	<u>E1RR Accent Lamp - Right Rear Door (TSQ)</u>
E2LF	Side Marker Lamp - Left Front	-	Outside of vehicle, left front, forward of wheel well	-	<u>E2LF Side Marker Lamp - Left Front</u>
E2LR	Side Marker Lamp - Left Rear	E47/Z49	At left rear corner of vehicle, within the tail lamp assembly, outboard lamp	<u>Tail Lamp Components</u>	-
E2RF	Side Marker Lamp - Right Front	-	Outside of vehicle, right front, forward of wheel well	-	<u>E2RF Side Marker Lamp - Right Front</u>
E2RR	Side Marker Lamp - Right Rear	E47/Z49	At right rear corner of vehicle, within the tail lamp assembly, outboard lamp	<u>Tail Lamp Components</u>	-
E4A	Cornering Lamp - Left	T87	At the front of vehicle, left side, beneath left headlamp assembly	<u>Front of Vehicle Components - Front</u>	<u>E4A Cornering Lamp - Left (T87)</u>
E4AC	Park/Daytime Running Lamp - Left	-	At the left front corner of vehicle, within the headlamp, incorporated into left headlamp multifunction LED	-	-
E4AD	Park/Daytime Running Lamp - Right	-	At the right front corner of vehicle, within the headlamp, incorporated into right headlamp multifunction LED	-	-
E4B	Cornering Lamp - Right	T87	At the front of vehicle, right side, beneath right headlamp assembly	<u>Front of Vehicle Components - Front</u>	<u>E4B Cornering Lamp - Right (T87)</u>
E4J	Park Lamp - Left Front	-	At left front corner of vehicle, within the headlamp assembly, near top	<u>Headlamp Components</u>	-
E4K	Park Lamp - Right Front	-	At right front corner of vehicle, within the headlamp assembly, near top	<u>Headlamp Components</u>	-
E4LF	Turn Signal Lamp - Left Front	-	At the left front corner of vehicle, within the headlamp, incorporated into left headlamp multifunction LED	-	-

Code	Name	Option	Location	Locator View	Connector End View
E4LR	Turn Signal Lamp - Left Rear	TVN	At left rear corner of vehicle, within the tail lamp assembly, center lamp	Tail Lamp Components	-
E4RF	Turn Signal Lamp - Right Front	-	At the right front corner of vehicle, within the headlamp, incorporated into right headlamp multifunction LED	-	-
E4RR	Turn Signal Lamp - Right Rear	TVN	At right rear corner of vehicle, within the tail lamp assembly, center lamp	Tail Lamp Components	-
E4Y	Turn Signal Repeater Lamp - Left	-	At left side of vehicle, forward of middle, within the outside rearview mirror assembly	Front of Vehicle Components - Front	-
E4Z	Turn Signal Repeater Lamp - Right	-	At right side of vehicle, forward of middle, within the outside rearview mirror assembly	Front of Vehicle Components - Front	-
E5A	Backup Lamp - Left	-	At rear of vehicle, lower center, in rear lamp assembly	Rear of Vehicle Components	E5A Backup Lamp - Left (- T79)
E5AA	Tail/Stop Lamp - Left	-	At left rear corner of vehicle, within the tail lamp assembly, inboard lamp	Tail Lamp Components	-
E5AB	Tail/Stop Lamp - Right	-	At right rear corner of vehicle, within the tail lamp assembly, inboard lamp	Tail Lamp Components	-
E5AM	Stop/Turn Signal Lamp - Left	without TVN	At left rear corner of vehicle, within the tail lamp assembly, center lamp	Tail Lamp Components	-
E5AN	Stop/Turn Signal Lamp - Right	without TVN	At right rear corner of vehicle, within the tail lamp assembly, center lamp	Tail Lamp Components	-
E5B	Backup Lamp - Right	-	At rear of vehicle, lower center, in rear lamp assembly	Rear of Vehicle Components	E5B Backup Lamp - Right (- T79)
E6	Center High Mounted Stop Lamp	-	In the passenger compartment, mounted to roof, above rear glass	Rear of Vehicle Components	E6 Center High Mounted Stop Lamp
E7L	License Plate Lamp - Left	-	At rear of vehicle, left of center, at top license plate pocket	Rear Compartment Lid Components	E7L License Plate Lamp - Left (HP9) E7L License Plate Lamp - Left (KL9)
E7R	License Plate Lamp - Right	-	At rear of vehicle, right of center, at top license plate pocket	Rear Compartment Lid Components	E7R License Plate Lamp - Right (HP9) E7R License Plate Lamp - Right (KL9)
E8A	Door Sill Plate Lamp - Driver	B7G	In the passenger compartment, left front, mounted to the driver door sill plate	Passenger Compartment - Left Front	E8A Door Sill Plate Lamp - Driver
E8B	Door Sill Plate Lamp - Passenger	B7G	In the passenger compartment, right front, mounted to the passenger door sill plate	Passenger Compartment - Right Front	E8B Door Sill Plate Lamp - Passenger
E8D	Door Courtesy Lamp - Driver	-	In the driver door, bottom edge of the driver door trim panel	Driver Door Trim Components	E8D Door Courtesy Lamp - Driver
E8E	Rear Compartment Courtesy Lamp - Left	-	In the passenger compartment, left rear, attached to rear trim	Luggage Compartment Components - Rear	E8E Rear Compartment Courtesy Lamp - Left

Code	Name	Option	Location	Locator View	Connector End View
E8F	Rear Compartment Courtesy Lamp - Right	-	In the passenger compartment, right rear, attached to rear trim	<u>Luggage Compartment Components - Rear</u>	<u>E8F Rear Compartment Courtesy Lamp - Right</u>
E8LR	Door Courtesy Lamp - Left Rear	-	In the left rear door jamb, on the door trim, at bottom	<u>Left Rear Door Trim Components</u>	<u>E8LR Door Courtesy Lamp - Left Rear</u>
E8P	Door Courtesy Lamp - Passenger	HD7	In the passenger door, bottom edge of the passenger door trim panel	<u>Passenger Door Trim Components</u>	<u>E8P Door Courtesy Lamp - Passenger</u>
E8Q	Door Sill Plate Lamp - Left Rear	B7G	In the passenger compartment, left rear, mounted to the left rear door sill plate	<u>Passenger Compartment - Left Rear</u>	<u>E8Q Door Sill Plate Lamp - Left Rear</u>
E8R	Door Sill Plate Lamp - Right Rear	B7G	In the passenger compartment, right rear, mounted to the right rear door sill plate	<u>Passenger Compartment - Right Rear</u>	<u>E8R Door Sill Plate Lamp - Right Rear</u>
E8RR	Door Courtesy Lamp - Right Rear	-	In the right rear door jamb, on the door trim, at bottom	<u>Right Rear Door Trim Components</u>	<u>E8RR Door Courtesy Lamp - Right Rear</u>
E8VB	Floor Courtesy Lamp - Left Rear	TSP	In the passenger compartment, left rear, below the left rear seat cushion	-	<u>E8VB Floor Courtesy Lamp - Left Rear (LTP)</u>
E8VD	Floor Courtesy Lamp - Right Rear	TSP	In the passenger compartment, right rear, below the right rear seat cushion	-	<u>E8VD Floor Courtesy Lamp - Right Rear (LTP)</u>
E8XA	Door Handle Courtesy Lamp - Driver Exterior	HD7	Outside of vehicle, at driver door, mounted inside of driver exterior door handle assembly	<u>Driver Door Components</u>	-
E8XB	Door Handle Courtesy Lamp - Passenger Exterior	HD7	Outside of vehicle, at passenger door, mounted inside of passenger exterior door handle assembly	<u>Passenger Door Components</u>	-
E8XC	Door Handle Courtesy Lamp - Left Rear Exterior	HD7	Outside of vehicle, at right rear door, mounted inside of left rear door handle assembly	<u>Left Rear Door Components</u>	-
E8XD	Door Handle Courtesy Lamp - Right Rear Exterior	HD7	Outside of vehicle, at right rear door, mounted inside of right rear door handle assembly	<u>Right Rear Door Components</u>	-
E8YD	Outside Rearview Mirror Courtesy Lamp - Driver	DNP/DWR	On outside of driver door, front middle, forward of window opening, part of outside rearview mirror assembly	-	-
E8YP	Outside Rearview Mirror Courtesy Lamp - Passenger	DNP/DWR	On outside of passenger door, front middle, forward of window opening, part of outside rearview mirror assembly	-	-
E13L	Headlamp - Left	-	At left front corner of vehicle, within the headlamp assembly, at rear of projector assembly	<u>Headlamp Components</u>	-
E13LA	Headlamp Assembly - Left	-	At left front corner of vehicle	<u>Front of Vehicle Components - Front</u>	-
E13R	Headlamp - Right	-	At right front corner of vehicle, within the headlamp assembly, at rear of projector assembly	<u>Headlamp Components</u>	-
E13RA	Headlamp Assembly - Right	-	At right front corner of vehicle	<u>Front of Vehicle Components - Front</u>	-
E14A	Seat Heating Element - Driver Back	KA1	In the passenger compartment, in the driver seat back	-	<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>E14B Seat Heating Element - Driver Cushion (KA1)</u>

Code	Name	Option	Location	Locator View	Connector End View
E14C	Seat Heating Element - Passenger Back	KA1	In the passenger compartment, in the passenger seat back	-	<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>E14D Seat Heating Element - Passenger Cushion (KA1)</u>
E14E	Seat Heating Element - Left Rear Back	KA6	In the passenger compartment, in the left rear seat back	<u>Rear Seat Components - Front</u>	• <u>E14E Seat Heating Element - Left Rear Back (KA6+AQ9)</u> • <u>E14E Seat Heating Element - Left Rear Back (KA6-AQ9)</u>
E14F	Seat Heating Element - Left Rear Cushion	KA6	In the passenger compartment, in the passenger seat cushion	<u>Rear Seat Components - Front</u>	• <u>E14F Seat Heating Element - Left Rear Cushion (KA6+AQ9)</u> • <u>E14F Seat Heating Element - Left Rear Cushion (KA6-AQ9)</u>
E14G	Seat Heating Element - Right Rear Back	KA6	In the passenger compartment, in the right rear seat back	<u>Rear Seat Components - Front</u>	• <u>E14G Seat Heating Element - Right Rear Back (KA6+AQ9)</u> • <u>E14G Seat Heating Element - Right Rear Back (KA6-AQ9)</u>
E14H	Seat Heating Element - Right Rear Cushion	KA6	In the passenger compartment, in the right rear seat cushion	<u>Rear Seat Components - Front</u>	• <u>E14H Seat Heating Element - Right Rear Cushion (KA6+AQ9)</u> • <u>E14H Seat Heating Element - Right Rear Cushion (KA6-AQ9)</u>
E15	Steering Wheel Heater	UVD	In the passenger compartment, left front, within the steering wheel rim	<u>Steering Wheel Components</u>	-
E17D	Outside Rearview Mirror Glass - Driver	-	Outside of vehicle, mounted to left rearview mirror assembly	<u>Driver Door Components</u>	-
E17P	Outside Rearview Mirror Glass - Passenger	-	Outside of vehicle, mounted to right rearview mirror assembly	<u>Passenger Door Components</u>	-
E18	Rear Defogger Grid	-	In the passenger compartment, rear, part of the rear glass	<u>Rear of Vehicle Components</u>	• <u>E18 Rear Defogger Grid X1</u> • <u>E18 Rear Defogger Grid X2</u>
E27	Instrument Panel Compartment Lamp	-	In the passenger compartment, passenger front, in the instrument panel compartment at top	<u>Instrument Panel Components - Rear</u>	<u>E27 Instrument Panel Compartment Lamp</u>
E28	Center Console Compartment Lamp	-	In the passenger compartment, center, in the center console compartment	-	<u>E28 Center Console Compartment Lamp</u>
E29R	Fog Lamp - Rear	T79	At rear of vehicle, lower center, in rear lamp assembly, between backup lamps	<u>Rear of Vehicle Components</u>	<u>E29R Fog Lamp - Rear (T79)</u>
E31L	Sunshade Mirror Lamp - Left	-	In the passenger compartment, at left front attached to the headliner, part of sunshade	<u>Headliner and Roof Components</u>	<u>E31L Sunshade Mirror Lamp - Left</u>
E31R	Sunshade Mirror Lamp - Right	-	In the passenger compartment, at right front attached to the headliner, part of sunshade	<u>Headliner and Roof Components</u>	<u>E31R Sunshade Mirror Lamp - Right</u>

Code	Name	Option	Location	Locator View	Connector End View
E32F	Cigarette Lighter Receptacle - Front	DUJ/SAO	In the passenger compartment, front center, in floor console	-	E32F Cigarette Lighter Receptacle - Front (DUJ/SAO)
E32R	Cigarette Lighter Receptacle - Rear	DUJ	In the passenger compartment, rear center, beneath rear seat cushion	-	E32R Cigarette Lighter Receptacle - Rear (DUJ)
E37LF	Dome/Reading Lamps - Left Front	-	In the passenger compartment, mounted to the left side of the overhead console	Overhead Console Components	E37LF Dome/Reading Lamps - Left Front
E37LR	Dome/Reading Lamps - Left Rear	-	In the passenger compartment, left side, near middle, in headliner at assist handle	Headliner and Roof Components	E37LR Dome/Reading Lamps - Left Rear
E37RF	Dome/Reading Lamps - Right Front	-	In the passenger compartment, mounted to the right side of the overhead console	Overhead Console Components	E37RF Dome/Reading Lamps - Right Front
E37RR	Dome/Reading Lamps - Right Rear	-	In the passenger compartment, right side, near middle, in headliner at assist handle	Headliner and Roof Components	E37RR Dome/Reading Lamps - Right Rear
E42L	Tail Lamp Assembly - Left	-	At left rear corner of vehicle	Rear of Vehicle Components	E42L Tail Lamp Assembly - Left (TVN) E42L Tail Lamp Assembly - Left (-TVN)
E42R	Tail Lamp Assembly - Right	-	At right rear corner of vehicle	Rear of Vehicle Components	E42R Tail Lamp Assembly - Right (TVN) E42R Tail Lamp Assembly - Right (-TVN)
E54	Hybrid/EV Battery Pack Coolant Heater	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	-
E63D	Flood Lamp - Driver Door Handle	-	In the driver door trim panel, mounted to back of panel, above release handle	Driver Door Trim Components	E63D Flood Lamp - Driver Door Handle
E63LR	Flood Lamp - Left Rear Door Handle	-	In the left rear door trim panel, mounted to back of panel, above release handle	Left Rear Door Trim Components	E63LR Flood Lamp - Left Rear Door Handle
E63P	Flood Lamp - Passenger Door Handle	-	In the passenger door trim panel, mounted to back of panel, above release handle	Passenger Door Trim Components	E63P Flood Lamp - Passenger Door Handle
E63RR	Flood Lamp - Right Rear Door Handle	-	In the right rear door trim panel, mounted to back of panel, above release handle	Right Rear Door Trim Components	E63RR Flood Lamp - Right Rear Door Handle
E64D	Flood Lamp - Driver Door Pull Handle	-	In the driver door trim panel, within the door pull handle	Driver Door Trim Components	E64D Flood Lamp - Driver Door Pull Handle
E64LR	Flood Lamp - Left Rear Door Pull Handle	-	In the left rear door trim panel, above left rear door trim pocket	Left Rear Door Trim Components	E64LR Flood Lamp - Left Rear Door Pull Handle
E64P	Flood Lamp - Passenger Door Pull Handle	-	In the passenger door trim panel, within the door pull handle	Passenger Door Trim Components	E64P Flood Lamp - Passenger Door Pull Handle
E64RR	Flood Lamp - Right Rear Door Pull Handle	-	In the right rear door trim panel, above right rear door trim pocket	Right Rear Door Trim Components	E64RR Flood Lamp - Right Rear Door Pull Handle
E66D	Outside Rearview Mirror Lamps Assembly - Driver	-	Outside of the vehicle, left front, within the driver side outside rearview mirror	-	-

Code	Name	Option	Location	Locator View	Connector End View
E66P	Outside Rearview Mirror Lamps Assembly - Passenger	-	Outside of the vehicle, right front, within the passenger side outside rearview mirror	-	-
E67L	Multifunction LED - Left Headlamp	-	At left front corner of vehicle, within the headlamp assembly, along the left side	Headlamp Components	-
E67R	Multifunction LED - Right Headlamp	-	At right front corner of vehicle, within the headlamp assembly, along the right side	Headlamp Components	-
E80LI	Floor Courtesy Lamp - Left Front Inner	-	In the passenger compartment, left front, at bottom of instrument panel, attached to left side of cover	Instrument Panel Components - Bottom	E80LI Floor Courtesy Lamp - Left Front Inner
E80LO	Floor Courtesy Lamp - Left Front Outer	-	In the passenger compartment, left front, at bottom of instrument panel, attached to right side of cover	Instrument Panel Components - Bottom	E80LO Floor Courtesy Lamp - Left Front Outer
E80RI	Floor Courtesy Lamp - Right Front Inner	-	In the passenger compartment, right front, at bottom of instrument panel, attached to left side of cover	Instrument Panel Components - Bottom	E80RI Floor Courtesy Lamp - Right Front Inner
E80RO	Floor Courtesy Lamp - Right Front Outer	-	In the passenger compartment, right front, at bottom of instrument panel, attached to right side of cover	Instrument Panel Components - Bottom	E80RO Floor Courtesy Lamp - Right Front Outer
F100L	Hood Hinge Actuator - Left	B3T	In the engine compartment, left rear at hood hinge	Engine Compartment Components - Left	F100L Hood Hinge Actuator - Left (B3T)
F100R	Hood Hinge Actuator - Right	B3T	In the engine compartment, right rear at hood hinge	Engine Compartment Components - Right	F100R Hood Hinge Actuator - Right (B3T)
F101	Passenger Instrument Panel Air Bag	-	In the passenger compartment, right front, in the instrument panel, below top cover	-	F101 Passenger Instrument Panel Air Bag X1 F101 Passenger Instrument Panel Air Bag X2
F105L	Roof Rail Air Bag - Left	-	In the passenger compartment, left side, at roof rail, above headliner	Passenger Compartment - Left Front	F105L Roof Rail Air Bag - Left
F105R	Roof Rail Air Bag - Right	-	In the passenger compartment, right side, at roof rail, above headliner	Passenger Compartment - Right Front	F105R Roof Rail Air Bag - Right
F106LF	Seat Side Air Bag - Left Front	-	In the passenger compartment, in the left front seat back, outboard bolster	-	F106LF Seat Side Air Bag - Left Front
F106RF	Seat Side Air Bag - Right Front	-	In the passenger compartment, in the right front seat back, outboard bolster	-	F106RF Seat Side Air Bag - Right Front
F107	Steering Wheel Air Bag	-	In the passenger compartment, left front, attached to rear of steering wheel at center	Steering Wheel Components	F107 Steering Wheel Air Bag
F112D	Seat Belt Retractor Pretensioner - Driver	-	In the passenger compartment, left side, within B-pillar, part of the seat belt retractor	Passenger Compartment - Left Rear	F112D Seat Belt Retractor Pretensioner - Driver

Code	Name	Option	Location	Locator View	Connector End View
F112P	Seat Belt Retractor Pretensioner - Passenger	-	In the passenger compartment, right side, within B-pillar, part of the seat belt retractor	<u>Passenger Compartment - Right Rear</u>	<u>F112P Seat Belt Retractor Pretensioner - Passenger X1</u> <u>F112P Seat Belt Retractor Pretensioner - Passenger X2</u>
F113D	Seat Belt Anchor Pretensioner - Driver	-	In the passenger compartment, in the driver seat on outboard side, near rear of cushion	-	<u>F113D Seat Belt Anchor Pretensioner - Driver</u>
F113P	Seat Belt Anchor Pretensioner - Passenger	-	In the passenger compartment, in the passenger seat on outboard side, near rear of cushion	-	<u>F113P Seat Belt Anchor Pretensioner - Passenger</u>
F114D	Knee Air Bag - Driver	-	In the passenger compartment, left front, at lower edge of instrument panel	<u>Instrument Panel Components - Bottom</u>	<u>F114D Knee Air Bag - Driver</u>
F114P	Knee Air Bag - Passenger	-	In the passenger compartment, right front, at lower edge of instrument panel	<u>Instrument Panel Components - Bottom</u>	<u>F114P Knee Air Bag - Passenger</u>
G1	A/C Compressor	-	In the engine compartment, front, left of center, mounted to lower left side of engine block	<u>Engine Components - Left Front (LTG with HP9)</u> <u>Engine Components - Left Front (LTG with KL9)</u> <u>Engine Components - Left Front (LGW)</u> <u>Engine Components - Left Front (LGX)</u>	<u>G1 A/C Compressor X1 (HP9)</u> <u>G1 A/C Compressor X2 (HP9)</u>
G5	Transmission Fluid Pump - Electric/Auxiliary	HP9	In the vehicle underbody, near center, forward of middle, inside the automatic transmission assembly	-	<u>G5 Transmission Fluid Pump - Electric/Auxiliary (HP9)</u>
G10	Cooling Fan Motor	-	In the engine compartment, front center, behind radiator	<u>Engine Compartment Components - Center (KL9)</u>	<u>G10 Cooling Fan Motor (HP9)</u> <u>G10 Cooling Fan Motor (KL9)</u>
G12	Fuel Pump	-	In the vehicle underbody, mounted to the top of the fuel tank, right of center, part of the fuel pump and level sensor assembly	<u>Fuel Tank Components</u>	-
G13	Generator	-	In the engine compartment, right front, mounted to the lower right side of the engine block	<u>Engine Components - Left Front (LGW)</u> <u>Engine Components - Left Front (LGX)</u> <u>Engine Components - Right Rear (LTG)</u>	<u>G13 Generator X1 (KL9)</u> <u>G13 Generator X2 (KL9)</u>
G17	Heater Coolant Pump	-	(LGW/LGX) In the engine compartment, right front, mounted to inside of right frame rail (LTG) In the engine compartment, right side of engine, mounted to rear of engine block	<u>Engine Components - Left Front (LGW)</u> <u>Engine Components - Left Front (LGX)</u> <u>Engine Components - Right Rear (LTG)</u>	<u>G17 Heater Coolant Pump (LGW/LGX/(LTG+KL9))</u>

Code	Name	Option	Location	Locator View	Connector End View
G18	High Pressure Fuel Pump	-	(LGW/LGX) In the engine compartment, right of center, rear, mounted to rear of bank 1 cylinder head (LTG) In the engine compartment, right of center, near rear, mounted to right side of cylinder head	<u>Engine Components - Rear (LGX)</u> <u>Engine Components - Right Rear (LGW)</u> <u>Engine Components - Right Rear (LTG)</u>	<u>G18 High Pressure Fuel Pump (LTG)</u> <u>G18 High Pressure Fuel Pump (LGW/LGX)</u>
G24	Windshield Washer Pump	-	In the left front wheel well, forward of the wheel, attached to the washer fluid reservoir	<u>Engine Compartment Components - Left</u>	<u>G24 Windshield Washer Pump</u>
G31D	Seat Lumbar/Bolster Pump - Driver	AQ9/AR9	In the passenger compartment, driver side near middle, in the driver seat back at outboard side of frame	-	<u>G31D Seat Lumbar/Bolster Pump - Driver (AQ9/AR9)</u>
G31LR	Seat Lumbar/Bolster Pump - Left Rear	AQ9	In the passenger compartment, left rear, in the left rear seat back	-	<u>G31LR Seat Lumbar/Bolster Pump - Left Rear (AQ9)</u>
G31P	Seat Lumbar/Bolster Pump - Passenger	AR9/AQ9	In the passenger compartment, passenger side near middle, in the passenger seat back at outboard side of frame	-	<u>G31P Seat Lumbar/Bolster Pump - Passenger (AQ9/AR9)</u>
G31RR	Seat Lumbar/Bolster Pump - Right Rear	AQ9	In the passenger compartment, right rear, in the right rear seat back	-	<u>G31RR Seat Lumbar/Bolster Pump - Right Rear (AQ9)</u>
G35	Hybrid/EV Electronics Coolant Pump	HP9	In the engine compartment, at the front left side, rearward of the radiator, near the left frame rail	<u>Engine Compartment Components - Center (HP9)</u>	<u>G35 Hybrid/EV Electronics Coolant Pump (HP9)</u>
G36	Auxiliary Heater Coolant Pump	HP9	In the engine compartment, at the front left side, rearward of the radiator, near the left frame rail	<u>Engine Compartment Components - Center (HP9)</u>	<u>G36 Auxiliary Heater Coolant Pump (HP9)</u>
G37	Hybrid/EV Battery Pack Coolant Pump	HP9	In the vehicle underbody, at the rear	-	<u>G37 Hybrid/EV Battery Pack Coolant Pump</u>
G46L	Cooling Fan - Left Headlamp	-	Outside of vehicle, left front, inside of left headlamp assembly	-	-
G46R	Cooling Fan - Right Headlamp	-	Outside of vehicle, right front, inside of right headlamp assembly	-	-
G52	Night Vision Camera Washer Pump	UV3	In the right front wheel well, rear of the wheel, attached to the washer fluid reservoir, middle	<u>Engine Compartment Components - Left</u>	<u>G52 Night Vision Camera Washer Pump (UV3)</u>
K1	14V Power Module	HP9	In the engine compartment, right of center, above the steering rack	<u>Engine Compartment Components - Bottom (HP9)</u>	<u>K1 14V Power Module X1 (HP9)</u> <u>K1 14V Power Module X2 (HP9)</u> <u>K1 14V Power Module X3 (HP9)</u> <u>K1 14V Power Module X4 (HP9)</u>
K6	Transmission Fluid Pump Control Module - Electric/Auxiliary	HP9	In the left side of the engine compartment, part of the power inverter module assembly	-	-

Code	Name	Option	Location	Locator View	Connector End View
K8A	Blower Motor Control Module - Auxiliary	C24	In the passenger compartment, left rear, mounted to rear HVAC assembly	<u>Luggage Compartment Components - Left</u>	• <u>K8A Blower Motor Control Module - Auxiliary X1 (C24)</u> • <u>K8A Blower Motor Control Module - Auxiliary X2 (C24)</u>
K9	Body Control Module	-	In the passenger compartment, left front, behind instrument panel, mounted near bulkhead and a-pillar	<u>Instrument Panel Components - Rear</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>
K10	Coolant Heater Control Module	HP9	In the engine compartment, right of center, above the steering rack	<u>Engine Compartment Components - Bottom (HP9)</u>	<u>K10 Coolant Heater Control Module X2 (HP9)</u>
K16	Battery Energy Control Module	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	• <u>K16 Battery Energy Control Module X1 (HP9)</u> • <u>K16 Battery Energy Control Module X2 (HP9)</u> • <u>K16 Battery Energy Control Module X3 (HP9)</u> • <u>K16 Battery Energy Control Module X4 (HP9)</u> • <u>K16 Battery Energy Control Module X5 (HP9)</u> • <u>K16 Battery Energy Control Module X6 (HP9)</u> • <u>K16 Battery Energy Control Module X7 (HP9)</u> • <u>K16 Battery Energy Control Module X8 (HP9)</u>
K17	Electronic Brake Control Module	-	In the engine compartment, left front, beneath underhood fuse block	<u>Engine Compartment Components - Left</u>	• <u>K17 Electronic Brake Control Module (HP9)</u> • <u>K17 Electronic Brake Control Module (KL9)</u>
K19	Suspension Control Module	F55	In the luggage compartment, right center, mounted to the right of the battery in the battery well	<u>Luggage Compartment Components - Center (KL9)</u>	<u>K19 Suspension Control Module (F55)</u>

Code	Name	Option	Location	Locator View	Connector End View
K20	Engine Control Module	-	(LGW) In the engine compartment, right front, mounted to the inside of the right frame rail (LGX) In the engine compartment, right front, mounted to the inside of the right frame rail (LTG) In the engine compartment, right front, mounted to the inside of the right frame rail	<u>Engine Compartment Components - Right</u>	<u>K20 Engine Control Module X1 (LGW)</u> <u>K20 Engine Control Module X1 (LGX)</u> <u>K20 Engine Control Module X1 (LTG+HP9)</u> <u>K20 Engine Control Module X1 (LTG+KL9)</u> <u>K20 Engine Control Module X2 (LGW)</u> <u>K20 Engine Control Module X2 (LGX)</u> <u>K20 Engine Control Module X2 (LTG+HP9)</u> <u>K20 Engine Control Module X2 (LTG+KL9)</u> <u>K20 Engine Control Module X3 (LGW)</u> <u>K20 Engine Control Module X3 (LGX)</u> <u>K20 Engine Control Module X3 (LTG+HP9)</u> <u>K20 Engine Control Module X3 (LTG+KL9)</u> <u>K20 Engine Control Module X4 (LGW)</u>
K26	Headlamp Control Module	-	In the passenger compartment, left front, behind instrument panel, mounted near bulkhead and a-pillar, left of body control module	<u>Passenger Compartment - Left Front</u>	<u>K26 Headlamp Control Module (HP9)</u> <u>K26 Headlamp Control Module (KL9)</u>
K26L	Headlamp Control Module - Left	-	At left front corner of vehicle, mounted to the back of the headlamp assembly, at the bottom	<u>Headlamp Components</u>	-
K26R	Headlamp Control Module - Right	-	At right front corner of vehicle, mounted to the back of the headlamp assembly, at the bottom	<u>Headlamp Components</u>	-
K29F	Seat Heating Control Module - Front	KA1	In the passenger compartment, left front, under the driver seat cushion	-	<u>K29F Seat Heating Control Module - Front X1 (KA1)</u> <u>K29F Seat Heating Control Module - Front X2 (KA1)</u>
K29R	Seat Heating Control Module - Rear	KA6	In the passenger compartment, center rear, underneath center of rear seat cushion	<u>Rear Seat Components - Bottom</u>	<u>K29R Seat Heating Control Module - Rear X1 (KA6+AQ9)</u> <u>K29R Seat Heating Control Module - Rear X1 (KA6-AQ9)</u> <u>K29R Seat Heating Control Module - Rear X2 (KA6+AQ9)</u> <u>K29R Seat Heating Control Module - Rear X2 (KA6-AQ9)</u>

Code	Name	Option	Location	Locator View	Connector End View
K31	Navigation Control Module	CW1	In the passenger compartment, right front, mounted to rear of instrument panel, near bulkhead	<u>Instrument Panel Components - Rear</u>	• <u>K31 Navigation Control Module X1 (CW1)</u> • <u>K31 Navigation Control Module X2 (CW1)</u> • <u>K31 Navigation Control Module X3 (CW1)</u> • <u>K31 Navigation Control Module X4 (CW1)</u> • <u>K31 Navigation Control Module X5 (CW1)</u> • <u>K31 Navigation Control Module X6 (CW1)</u> • <u>K31 Navigation Control Module X7 (CW1)</u>
K32	Steering Wheel Heating Control Module	UVD	In the passenger compartment, left front, mounted in steering wheel	-	• <u>K32 Steering Wheel Heating Control Module X1 (UVD)</u> • <u>K32 Steering Wheel Heating Control Module X2 (UVD)</u>
K33	HVAC Control Module	-	In the passenger compartment, right front, at bottom of instrument panel, near a-pillar and bulkhead	<u>Instrument Panel Components - Rear</u>	• <u>K33 HVAC Control Module X1</u> • <u>K33 HVAC Control Module X2</u> • <u>K33 HVAC Control Module X3</u> • <u>K33 HVAC Control Module X4</u>
K36	Inflatable Restraint Sensing and Diagnostic Module	-	In the passenger compartment, center near middle, below floor console, attached to tunnel	<u>Passenger Compartment - Left Front</u>	• <u>K36 Inflatable Restraint Sensing and Diagnostic Module X1</u> • <u>K36 Inflatable Restraint Sensing and Diagnostic Module X2</u>
K39	Liftgate Control Module	TC2/TL9	At rear of vehicle, center, at inside bottom of rear compartment lid	<u>Rear Compartment Lid Components</u>	• <u>K39 Liftgate Control Module X1 (HP9+ (TC2/TL9))</u> • <u>K39 Liftgate Control Module X1 (KL9+ (TC2/TL9))</u> • <u>K39 Liftgate Control Module X2 (HP9+ (TC2/TL9))</u> • <u>K39 Liftgate Control Module X2 (KL9+ (TC2/TL9))</u> • <u>K39 Liftgate Control Module X3 (HP9+ (TC2/TL9))</u> • <u>K39 Liftgate Control Module X3 (KL9+ (TC2/TL9))</u>

Code	Name	Option	Location	Locator View	Connector End View
K40D	Seat Memory Control Module - Driver	-	In the passenger compartment, left front, underneath the front of the driver seat cushion	-	• <u>K40D Seat Memory Control Module - Driver X1</u> • <u>K40D Seat Memory Control Module - Driver X2</u> • <u>K40D Seat Memory Control Module - Driver X3</u> • <u>K40D Seat Memory Control Module - Driver X4 (AQ9)</u> • <u>K40D Seat Memory Control Module - Driver X5</u> • <u>K40D Seat Memory Control Module - Driver X6</u>
K40LR	Seat Memory Control Module - Left Rear	AQ9	In the passenger compartment, left rear, within left rear seat	-	• <u>K40LR Seat Memory Control Module - Left Rear X1 (AQ9)</u> • <u>K40LR Seat Memory Control Module - Left Rear X2 (AQ9)</u> • <u>K40LR Seat Memory Control Module - Left Rear X3 (AQ9)</u> • <u>K40LR Seat Memory Control Module - Left Rear X4 (AQ9)</u> • <u>K40LR Seat Memory Control Module - Left Rear X5 (AQ9)</u> • <u>K40LR Seat Memory Control Module - Left Rear X6 (AQ9)</u>
K40P	Seat Memory Control Module - Passenger	-	In the passenger compartment, right front, underneath the front of the passenger seat cushion	-	• <u>K40P Seat Memory Control Module - Passenger X1</u> • <u>K40P Seat Memory Control Module - Passenger X2</u> • <u>K40P Seat Memory Control Module - Passenger X3</u> • <u>K40P Seat Memory Control Module - Passenger X4 (AQ9)</u> • <u>K40P Seat Memory Control Module - Passenger X5</u> • <u>K40P Seat Memory Control Module - Passenger X6</u>

Code	Name	Option	Location	Locator View	Connector End View
K40RR	Seat Memory Control Module - Right Rear	AQ9	In the passenger compartment, right rear, within right rear seat	-	• K40RR Seat Memory Control Module - Right Rear X1 (AQ9) • K40RR Seat Memory Control Module - Right Rear X2 (AQ9) • K40RR Seat Memory Control Module - Right Rear X3 (AQ9) • K40RR Seat Memory Control Module - Right Rear X4 (AQ9) • K40RR Seat Memory Control Module - Right Rear X5 (AQ9) • K40RR Seat Memory Control Module - Right Rear X6 (AQ9)
K43	Power Steering Control Module	-	In the engine compartment, front and center, mounted behind the front of the subframe	• Engine Compartment Components - Center (KL9) • Engine Compartment Components - Center (HP9)	• K43 Power Steering Control Module X1 • K43 Power Steering Control Module X2 • K43 Power Steering Control Module X2 (LGW) • K43 Power Steering Control Module X2 (LGX) • K43 Power Steering Control Module X2 (LTG)
K50	Rear Window Sunshade Module	DB3	In the passenger compartment, rear, above rear of headliner	-	• K50 Rear Window Sunshade Module X1 (DB3) • K50 Rear Window Sunshade Module X2 (DB3)
K53D	Seat Blower Assembly - Driver Back	KU9	In the passenger compartment, left front, in the driver seat back	-	K53D Seat Blower Assembly - Driver Back (KU9)
K53LR	Seat Blower Assembly - Left Rear Back	KA6	In the passenger compartment, left rear, in left rear seat back	Rear Seat Components - Front (1 of 2)	K53LR Seat Blower Assembly - Left Rear Back (AQ9)
K53P	Seat Blower Assembly - Passenger Back	KU9	In the passenger compartment, right front, in the passenger seat back	-	K53P Seat Blower Assembly - Passenger Back (KU9)
K53RR	Seat Blower Assembly - Right Rear Back	KA6	In the passenger compartment, right rear, in right rear seat back	Rear Seat Components - Front (1 of 2)	K53RR Seat Blower Assembly - Right Rear Back (AQ9)
K55D	Seat Blower Assembly - Driver Cushion	KU9	In the passenger compartment, left front, in the driver seat cushion	-	K55D Seat Blower Assembly - Driver Cushion (KU9)
K55LR	Seat Blower Assembly - Left Rear Cushion	KA6	In the passenger compartment, left rear, in left rear seat cushion	Rear Seat Components - Front (1 of 2)	K55LR Seat Blower Assembly - Left Rear Cushion (AQ9)
K55P	Seat Blower Assembly - Passenger Cushion	KU9	In the passenger compartment, right front, in the passenger seat cushion	-	K55P Seat Blower Assembly - Passenger Cushion (KU9)
K55RR	Seat Blower Assembly - Right Rear Cushion	KA6	In the passenger compartment, right rear, in right rear seat back	Rear Seat Components - Front (1 of 2)	K55RR Seat Blower Assembly - Right Rear Cushion (AQ9)

Code	Name	Option	Location	Locator View	Connector End View
K56	Serial Data Gateway Module	-	In the passenger compartment, front left, within the instrument panel, to the right of the steering column	-	• K56 Serial Data Gateway Module X1 • K56 Serial Data Gateway Module X2
K57	Battery Charger Control Module	HP9	In the vehicle underbody, at the rear, center, rearward of the rear differential, part of the battery charger	-	-
K60	Steering Column Lock Module	ULS	In the passenger compartment, left front, attached to steering column, lower	-	K60 Steering Column Lock Module
K69	Transfer Case Control Module	F46	In the engine compartment, right rear, mounted to bulkhead	Engine Compartment Components - Right	• K69 Transfer Case Control Module X1 (F46) • K69 Transfer Case Control Module X2 (F46)
K71	Transmission Control Module	-	In the engine compartment, right rear, mounted in front of bulkhead, behind support bracket	• Engine Components - Right Front (LTG with HP9) • Engine Compartment Components - Right	• K71 Transmission Control Module (HP9) • K71 Transmission Control Module (KL9)
K73	Telematics Communication Interface Control Module	UE1	In the passenger compartment, right front, mounted to rear of instrument panel, near bulkhead	Instrument Panel Components - Rear	• K73 Telematics Communication Interface Control Module X1 (UE1) • K73 Telematics Communication Interface Control Module X2 (UE1) • K73 Telematics Communication Interface Control Module X5 (UE1) • K73 Telematics Communication Interface Control Module X7 (UE1)
K74	Human Machine Interface Control Module	-	In the passenger compartment, right front, below the instrument panel, mounted to top side of closeout panel	Instrument Panel Components - Rear	• K74 Human Machine Interface Control Module X1 • K74 Human Machine Interface Control Module X2 • K74 Human Machine Interface Control Module X3 (-CW1) • K74 Human Machine Interface Control Module X5 • K74 Human Machine Interface Control Module X7 (IO6+ (EF7/Z49/C4E))
K77	Remote Control Door Lock Receiver	-	In the passenger compartment, rear, left of center, on rear window shelf	Passenger Compartment - Left Rear	K77 Remote Control Door Lock Receiver

Code	Name	Option	Location	Locator View	Connector End View
K80	Sunroof Sunshade Control Module	C3U	In the passenger compartment, above headliner, right rear of sunroof	-	<u>K80 Sunroof Sunshade Control Module (C3U)</u>
K84	Keyless Entry Control Module	-	In the passenger compartment, right front, attached to a-pillar behind kick panel	<u>Passenger Compartment - Right Front</u>	• <u>K84 Keyless Entry Control Module X1</u> • <u>K84 Keyless Entry Control Module X2</u>
K85	Passenger Presence Module	-	In the passenger compartment, right front, attached to bottom of right front seat	-	<u>K85 Passenger Presence Module</u>
K89	Immobilizer Control Module	-	In the passenger compartment, center, beneath floor console	-	<u>K89 Immobilizer Control Module</u>
K92	Rear Wheel Steering Control Module	NYS	In the vehicle underbody, center rear, mounted to rear of the rear subframe	<u>Right Rear Wheelwell and Rear Axle Components</u>	• <u>K92 Rear Wheel Steering Control Module X1 (NYS)</u> • <u>K92 Rear Wheel Steering Control Module X2 (NYS)</u>
K96	Mirror Control Module	-	In the driver door, above speaker, near front, mounted to back side of trim	<u>Driver Door Trim Components</u>	<u>K96 Mirror Control Module</u>
K99	Steering Column Position Control Module	-	In the passenger compartment, left front, attached to steering column, right middle	<u>Steering Column Components</u>	• <u>K99 Steering Column Position Control Module X1</u> • <u>K99 Steering Column Position Control Module X2</u>
K107A	Drive Motor 1 Control Module	HP9	In the left side of the engine compartment, part of the power inverter module assembly	-	-
K107B	Drive Motor 2 Control Module	HP9	In the left side of the engine compartment, part of the power inverter module assembly	-	-
K111	Fuel Pump Driver Control Module	-	In the vehicle underbody, right rear, in the right rear wheel well, mounted to the body, toward the rear	<u>Right Rear Wheelwell and Rear Axle Components</u>	• <u>K111 Fuel Pump Driver Control Module (HP9)</u> • <u>K111 Fuel Pump Driver Control Module (KL9)</u>
K114A	Hybrid/EV Powertrain Control Module 1	HP9	In the engine compartment, right side, rearward of the right strut tower, part of the T6 Power Inverter Module	-	-
K114B	Hybrid/EV Powertrain Control Module 2	HP9	In the luggage compartment, on the right side, under the rear window shelf, attached to the Hybrid/EV Battery pack	-	• <u>K114B Hybrid/EV Powertrain Control Module 2 X1 (HP9)</u> • <u>K114B Hybrid/EV Powertrain Control Module 2 X2 (HP9)</u>

Code	Name	Option	Location	Locator View	Connector End View
K124	Active Safety Control Module	UGN/UVZ	In the luggage compartment, right center, mounted to the right side in the battery well	<u>Luggage Compartment Components - Center (KL9)</u> <u>Luggage Compartment Components - Center (HP9)</u>	<u>K124 Active Safety Control Module X1 (HP9)</u> <u>K124 Active Safety Control Module X1 (KL9)</u> <u>K124 Active Safety Control Module X2 (HP9)</u> <u>K124 Active Safety Control Module X2 (KL9)</u>
K132	Pedestrian Alert Sound Control Module	HP9	In the passenger compartment, left side, in the driver side foot well, behind the kick panel, forward of the X210 connector	-	<u>K132 Pedestrian Alert Sound Control Module (HP9)</u>
K134D	Seat Bolster Memory Control Module - Driver	-	In the passenger compartment, left front, in the driver seat back	-	<u>K134D Seat Bolster Memory Control Module - Driver (AQ9/AR9)</u>
K134LR	Seat Bolster Memory Control Module - Left Rear	AQ9	In the passenger compartment, left rear, in the left rear driver seat back	<u>Rear Seat Components - Front</u>	<u>K134LR Seat Bolster Memory Control Module - Left Rear (AQ9)</u>
K134P	Seat Bolster Memory Control Module - Passenger	-	In the passenger compartment, right front, in the passenger seat back	-	<u>K134P Seat Bolster Memory Control Module - Passenger (AQ9/AR9)</u>
K134RR	Seat Bolster Memory Control Module - Right Rear	AQ9	In the passenger compartment, right rear, in the right rear seat back	<u>Rear Seat Components - Front</u>	<u>K134RR Seat Bolster Memory Control Module - Right Rear (AQ9)</u>
K157	Video Processing Control Module	UVH	In the luggage compartment, right side, mounted to trunk floor, behind trim panel	<u>Luggage Compartment Components - Right</u>	<u>K157 Video Processing Control Module X1</u> <u>K157 Video Processing Control Module X2</u> <u>K157 Video Processing Control Module X5 (XVR)</u>
K166L	Multifunction LED Control Module - Left Headlamp	-	At left front corner of vehicle, mounted to the right side of headlamp assembly	<u>Headlamp Components</u>	-
K166R	Multifunction LED Control Module - Right Headlamp	-	At left front corner of vehicle, mounted to the left side of headlamp assembly	<u>Headlamp Components</u>	-
K171	Hands-Free Liftgate Sensor Control Module	TC2	At the rear of vehicle, right side, beneath the bumper, behind the rear fascia	<u>Behind Rear Fascia Components</u>	<u>K171 Hands-Free Liftgate Sensor Control Module X1 (TC2)</u> <u>K171 Hands-Free Liftgate Sensor Control Module X2 (TC2)</u> <u>K171 Hands-Free Liftgate Sensor Control Module X3 (TC2)</u>
K172	Night Vision Camera Control Module	UV3	In the passenger compartment, left front, right of steering column, near bulkhead	<u>Instrument Panel Components - Rear</u>	<u>K172 Night Vision Camera Control Module X1 (UV3)</u> <u>K172 Night Vision Camera Control Module X2 (UV3)</u>

Code	Name	Option	Location	Locator View	Connector End View
K177	Brake Booster Control Module	HP9	In the engine compartment, left side, rearward of the strut tower, mounted to the brake master cylinder	<u>Engine Compartment Brake Components (HP9)</u>	<u>K177 Brake Booster Control Module (HP9)</u>
K182	Parking Assist Control Module	-	In the passenger compartment, right front, attached to a-pillar behind kick panel, above keyless entry control module	<u>Passenger Compartment - Right Front</u>	• <u>K182 Parking Assist Control Module X1</u> • <u>K182 Parking Assist Control Module X2</u> • <u>K182 Parking Assist Control Module X3 (HP9)</u> • <u>K182 Parking Assist Control Module X3 (KL9)</u>
M6C	Air Temperature Door Actuator - Center Console Auxiliary	CJ2	In the passenger compartment, left front, within instrument panel, mounted to HVAC assembly, mounted to the left side of the center console duct	-	<u>M6C Air Temperature Door Actuator - Center Console Auxiliary (CJ2)</u>
M6CL	Air Temperature Door Actuator - Center Console Left Auxiliary	C24	In the passenger compartment, left front, within instrument panel, mounted to HVAC assembly, mounted to the left side of the center console duct	<u>HVAC Module Components</u>	<u>M6CL Air Temperature Door Actuator - Center Console Left Auxiliary (C24)</u>
M6CR	Air Temperature Door Actuator - Center Console Right Auxiliary	C24	In the passenger compartment, right front, within instrument panel, mounted to HVAC assembly, right side of rear console duct, above auxiliary mode door actuator	<u>HVAC Module Components</u>	<u>M6CR Air Temperature Door Actuator - Center Console Right Auxiliary (C24)</u>
M6L	Air Temperature Door Actuator - Left	-	In the passenger compartment, front, left of center, within the instrument panel, on left side of HVAC assembly, near bulkhead	<u>HVAC Module Components</u>	<u>M6L Air Temperature Door Actuator - Left</u>
M6R	Air Temperature Door Actuator - Right	-	In the passenger compartment, front, right of center, within the instrument panel, on right side of HVAC assembly, above heater core	<u>HVAC Module Components</u>	<u>M6R Air Temperature Door Actuator - Right</u>
M6UL	Air Temperature Door Actuator - Left Upper Auxiliary	C24	In the luggage compartment, attached to rear HVAC assembly	-	<u>M6UL Air Temperature Door Actuator - Left Upper Auxiliary (C24)</u>
M6UR	Air Temperature Door Actuator - Right Upper Auxiliary	C24	In the luggage compartment, attached to rear HVAC assembly	-	<u>M6UR Air Temperature Door Actuator - Right Upper Auxiliary (C24)</u>
M7	Transmission Shift Lock Control Solenoid Actuator	-	In the passenger compartment, center near front, on the shift lever within floor console	-	-
M8	Blower Motor	-	In the passenger compartment, front, right of center, within the instrument panel, on bottom of HVAC assembly	<u>HVAC Module Components</u>	<u>M8 Blower Motor</u>
M8B	Blower Motor - Auxiliary	C24	In the passenger compartment, left rear, mounted to rear HVAC assembly	<u>Luggage Compartment Components - Left</u>	<u>M8B Blower Motor - Auxiliary (C24)</u>
M10	Charge Air Cooler Coolant Pump	LGW	In the engine compartment, front center, mounted to subframe	<u>Engine Compartment Components - Center (KL9)</u>	<u>M10 Charge Air Cooler Coolant Pump (LGW)</u>

Code	Name	Option	Location	Locator View	Connector End View
M15A	Drive Motor 1	HP9	In the vehicle underbody, near center, forward of middle, inside the automatic transmission assembly	-	-
M15B	Drive Motor 2	HP9	In the vehicle underbody, near center, forward of middle, inside the automatic transmission assembly	-	-
M17	Liftgate Motor Assembly	TC2/TL9	In the luggage compartment, center, mounted to the trunk lid, behind plastic trim	-	M17 Liftgate Motor Assembly
M29L	Headlamp Leveling Actuator - Left	-	Outside of vehicle, left front, inside of left headlamp assembly	-	-
M29R	Headlamp Leveling Actuator - Right	-	Outside of vehicle, right front, inside of right headlamp assembly	-	-
M31	Liftgate Motor	TC2/TL9	In the luggage compartment, center, mounted to the trunk lid, behind plastic trim, within liftgate motor assembly	-	-
M37B	Mode Door Actuator - Auxiliary	C24	In the luggage compartment, attached to rear HVAC assembly	HVAC Module Components	M37B Mode Door Actuator - Auxiliary (C24)
M37L	Mode Door Actuator - Left	-	In the passenger compartment, front, left of center, within the instrument panel, on left side of HVAC assembly, below defrost ducts	HVAC Module Components	M37L Mode Door Actuator - Left
M37R	Mode Door Actuator - Right	-	In the passenger compartment, front, right of center, within the instrument panel, on right side of HVAC assembly, below defrost ducts	HVAC Module Components	M37R Mode Door Actuator - Right
M38	Power Steering Motor	NYS	In the vehicle underbody, center rear, mounted to rear of the rear subframe, part of rear wheel steering control module	-	-
M40	Rear Compartment Lid Latch	0	At rear of vehicle, center, at inside bottom of rear compartment lid	Rear Compartment Lid Components	M40 Rear Compartment Lid Latch (-TC2/TL9)
M44	Rear Window Sunshade Motor	DB3	In the passenger compartment, center rear, above headliner	-	-
M46	Air Recirculation Door Actuator	-	In the passenger compartment, front right, within instrument panel, on the right side of HVAC assembly, above cabin filter	HVAC Module Components	M46 Air Recirculation Door Actuator
M50D	Seat Front Vertical Motor - Driver	-	In the passenger compartment, left front, mounted to the bottom of the driver seat at front	-	M50D Seat Front Vertical Motor - Driver
M50LR	Seat Front Vertical Motor - Left Rear	AQ9	In the passenger compartment, left rear, inside of rear seat	Rear Seat Components - Bottom	M50LR Seat Front Vertical Motor - Left Rear (AQ9)
M50P	Seat Front Vertical Motor - Passenger	-	In the passenger compartment, right front, mounted to the bottom of the passenger seat at front	-	M50P Seat Front Vertical Motor - Passenger
M50RR	Seat Front Vertical Motor - Right Rear	AQ9	In the passenger compartment, right rear, inside of rear seat	Rear Seat Components - Bottom	M50RR Seat Front Vertical Motor - Right Rear (AQ9)

Code	Name	Option	Location	Locator View	Connector End View
M51D	Seat Horizontal Motor - Driver	-	In the passenger compartment, left front, mounted to the bottom of the driver seat at middle	-	<u>M51D Seat Horizontal Motor - Driver</u>
M51LR	Seat Horizontal Motor - Left Rear	AQ9	In the passenger compartment, left rear, inside of rear seat	<u>Rear Seat Components - Bottom</u>	<u>M51LR Seat Horizontal Motor - Left Rear (AQ9)</u>
M51P	Seat Horizontal Motor - Passenger	-	In the passenger compartment, right front, mounted to the bottom of the passenger seat at middle	-	<u>M51P Seat Horizontal Motor - Passenger</u>
M51RR	Seat Horizontal Motor - Right Rear	AQ9	In the passenger compartment, right rear, inside of rear seat	<u>Rear Seat Components - Bottom</u>	<u>M51RR Seat Horizontal Motor - Right Rear (AQ9)</u>
M53DU	Seat Lumbar Support Motor - Driver Upper	AL2	In the passenger compartment, right rear, inside of rear seat	-	-
M53PU	Seat Lumbar Support Motor - Passenger Upper	AL2	In the passenger compartment, right front, within passenger seat	-	-
M55D	Seat Rear Vertical Motor - Driver	-	In the passenger compartment, mounted to the bottom of the driver seat, forward of middle	-	<u>M52P Seat Lumbar Support Horizontal Motor - Passenger X2 (AL2) M52P Seat Lumbar Support Horizontal Motor - Passenger X2 (AL2)</u>
M55P	Seat Rear Vertical Motor - Passenger	-	In the passenger compartment, mounted to the bottom of the passenger seat, forward of middle	-	<u>M55P Seat Rear Vertical Motor - Passenger</u>
M56D	Seat Recline Motor - Driver	-	In the passenger compartment, driver side, forward of middle, mounted to driver seat back frame, near base of seat back	-	<u>M56D Seat Recline Motor - Driver</u>
M56P	Seat Recline Motor - Passenger	-	In the passenger compartment, passenger side, forward of middle, mounted to driver seat back frame, near base of seat back	-	<u>M56P Seat Recline Motor - Passenger</u>
M64	Starter Motor	-	(LGW/LGX) In the engine compartment, left of center, near rear, mounted to left side of engine block (LTG) In the engine compartment, right of center, near rear, mounted to engine block	<u>Engine Components - Right Rear (LGW)</u> <u>Engine Components - Right Rear (LTG)</u> <u>Engine Components - Left Front (LGX)</u>	<u>M64 Starter Motor (LGW)</u> <u>M64 Starter Motor (LGX/(LTG+KL9))</u> <u>M64 Starter Motor X2</u>
M65	Steering Column Telescope Motor	-	In the passenger compartment, left front, attached to steering column	-	<u>M65 Steering Column Telescope Motor</u>
M68	Steering Column Tilt Motor	-	In the passenger compartment, left front, attached to steering column	-	<u>M68 Steering Column Tilt Motor</u>
M69	Sunroof Motor	C3U	In the passenger compartment, above headliner	-	<u>M69 Sunroof Motor (C3U)</u>
M74D	Window Motor - Driver	-	Inside driver door, near middle, mounted to window regulator	<u>Driver Door Components</u>	<u>M74D Window Motor - Driver</u>
M74LR	Window Motor - Left Rear	-	Inside left rear door, near middle, mounted to window regulator	<u>Left Rear Door Components</u>	<u>M74LR Window Motor - Left Rear</u>

Code	Name	Option	Location	Locator View	Connector End View
M74P	Window Motor - Passenger	-	Inside passenger door, near middle, mounted to window regulator	<u>Passenger Door Components</u>	<u>M74P Window Motor - Passenger</u>
M74RR	Window Motor - Right Rear	-	Inside right rear door, near middle, mounted to window regulator	<u>Right Rear Door Components</u>	<u>M74RR Window Motor - Right Rear</u>
M75	Windshield Wiper Motor	-	In the engine compartment, at rear left of center, above and to the right of brake booster	<u>Engine Compartment Components - Left</u>	<u>M75 Windshield Wiper Motor</u>
M77D	Outside Rearview Mirror Motor - Driver	-	On outside of driver door, front middle, forward of window opening, part of outside rearview mirror assembly	-	-
M77P	Outside Rearview Mirror Motor - Passenger	-	On outside of passenger door, front middle, forward of window opening, part of outside rearview mirror assembly	-	-
M78D	Outside Rearview Mirror Folding Motor - Driver	DNP/DWR	On outside of driver door, front middle, forward of window opening, part of outside rearview mirror assembly	-	-
M78P	Outside Rearview Mirror Folding Motor - Passenger	DNP/DWR	On outside of passenger door, front middle, forward of window opening, part of outside rearview mirror assembly	-	-
M81F	Sunroof Sunshade Motor - Front	C3U	In the passenger compartment, above headliner, center, in front of sun roof opening	-	-
M81R	Sunroof Sunshade Motor - Rear	C3U	In the passenger compartment, above headliner, behind sun roof opening, right side	-	-
M91	Instrument Panel Compartment Door Unlatch Actuator	-	In the passenger compartment, right front, at top of compartment door	<u>Instrument Panel Components - Rear</u>	<u>M91 Instrument Panel Compartment Door Unlatch Actuator</u>
M96	Active Grille Air Shutter Actuator	-	At front of vehicle, center, behind upper grille	<u>Front of Vehicle Components - Behind Front Fascia</u>	<u>M96 Active Grille Air Shutter Actuator</u>
M97	Fuel Fill Door Lock Actuator	HP9	In the vehicle underbody, right rear, in the right rear wheel well, near strut tower	<u>Right Rear Wheelwell and Rear Axle Components</u>	<u>M97 Fuel Fill Door Lock Actuator</u>
M101L	Seat Belt Retractor Motor Module - Left	AX7	In the passenger compartment, left side, within B-pillar, part of the seat belt retractor	<u>Passenger Compartment - Left Rear</u>	<u>M101L Seat Belt Retractor Motor Module - Left</u>
M101R	Seat Belt Retractor Motor Module - Right	AX7	In the passenger compartment, right side, within B-pillar, part of the seat belt retractor	<u>Passenger Compartment - Right Rear</u>	<u>M101R Seat Belt Retractor Motor Module - Right</u>
M104L	Park Brake Actuator - Left	-	In the vehicle underbody, left rear, mounted to the left rear caliper bracket	<u>Left Rear Wheelwell Components</u>	<u>M104L Park Brake Actuator - Left</u>
M104R	Park Brake Actuator - Right	-	In the vehicle underbody, right rear, mounted to the right rear caliper bracket	<u>Right Rear Wheelwell and Rear Axle Components</u>	<u>M104R Park Brake Actuator - Right</u>
M116D	Upper Seat Back Motor - Driver	AQ9	In the passenger compartment, left front, inside of driver seat, below headrest	-	<u>M116D Upper Seat Back Motor - Driver (AQ9)</u>
M116LR	Upper Seat Back Motor - Left Rear	AQ9	In the passenger compartment, left rear, inside of left rear seat, below headrest	-	<u>M116LR Upper Seat Back Motor - Left Rear (AQ9)</u>

Code	Name	Option	Location	Locator View	Connector End View
M116P	Upper Seat Back Motor - Passenger	AQ9	In the passenger compartment, right front, inside of passenger seat, below headrest	-	<u>M116P Upper Seat Back Motor - Passenger (AQ9)</u>
M116RR	Upper Seat Back Motor - Right Rear	AQ9	In the passenger compartment, right rear, inside of right rear seat, below headrest	-	<u>M116RR Upper Seat Back Motor - Right Rear (AQ9)</u>
M119	Rear Air Flow Control Cut-Off Actuator	-	In the passenger compartment, center, inside of floor console, left side	-	<u>M119 Rear Air Flow Control Cut-Off Actuator</u>
P2	Transmission Shift Lever Position Indicator	-	In the passenger compartment, center, near front, at top of floor console, around the shift lever	-	-
P13	Horn Assembly	-	In left front wheel well, attached to body, forward of wheel	<u>Engine Compartment Components - Left</u> <u>Engine Compartment Components - Center (HP9)</u>	<u>P13 Horn Assembly</u>
P14	Passenger Air Bag Disabled Indicator	-	In the passenger compartment, front, center, in the overhead console, front right	<u>Overhead Console Components</u>	<u>P14 Passenger Air Bag Disabled Indicator</u>
P16	Instrument Cluster	-	In the passenger compartment, left front, mounted to instrument panel, above steering column	<u>Instrument Panel Components - Front</u>	<u>P16 Instrument Cluster X1</u> <u>P16 Instrument Cluster X2 (UV6)</u> <u>P16 Instrument Cluster X3 (UV3)</u>
P17	Info Display Module	-	In the passenger compartment, front center, mounted to the instrument panel, between instrument panel multifunction switches	<u>Instrument Panel Components - Front</u>	<u>P17 Info Display Module X1</u> <u>P17 Info Display Module X2</u> <u>P17 Info Display Module X3 (CW1/UWG)</u>
P19A	Speaker - Center Console	UQH	In the passenger compartment, rear center, mounted to the rear of the center console, below rear HVAC vents	<u>Floor Console Components</u>	<u>P19A Speaker - Center Console (UQH)</u>
P19AA	Speaker - Right Subwoofer	UQH	In the passenger compartment, right front, mounted to body, beneath passenger seat	<u>Passenger Compartment - Right Front</u>	<u>P19AA Speaker - Right Subwoofer X1 (UQH)</u> <u>P19AA Speaker - Right Subwoofer X2 (UQH)</u>
P19AC	Speaker - Subwoofer	-	In the passenger compartment, rear, left of center, on rear window shelf	<u>Passenger Compartment - Left Rear</u>	<u>P19AC Speaker - Subwoofer</u>
P19AG	Speaker - Left Front Door	-	On the left front door, front lower, behind door trim	<u>Driver Door Components</u>	<u>P19AG Speaker - Left Front Door (UQA/UQS)</u> <u>P19AG Speaker - Left Front Door (UQH)</u>
P19AH	Speaker - Right Front Door	-	On the right front door, front lower, behind door trim	<u>Passenger Door Components</u>	<u>P19AH Speaker - Right Front Door (UQA/UQS)</u> <u>P19AH Speaker - Right Front Door (UQH)</u>

Code	Name	Option	Location	Locator View	Connector End View
P19AJ	Speaker - Left Rear Window Shelf	UQS/UQH	In the passenger compartment, rear, left of center, on rear window shelf	<u>Passenger Compartment - Left Rear</u>	<u>P19AJ Speaker - Left Rear Window Shelf (UQH/UQS)</u>
P19AK	Speaker - Right Rear Window Shelf	UQS/UQH	In the passenger compartment, rear, right of center, on rear window shelf	<u>Passenger Compartment - Right Rear</u>	<u>P19AK Speaker - Right Rear Window Shelf (UQH/UQS)</u>
P19AL	Speaker - Left Rear Door	-	On the left rear door, front lower, behind door trim	<u>Left Rear Door Components</u>	<u>P19AL Speaker - Left Rear Door (UQA/UQS)</u> <u>P19AL Speaker - Left Rear Door (UQH)</u>
P19AM	Speaker - Right Rear Door	-	On the right rear door, front lower, behind door trim	<u>Right Rear Door Components</u>	<u>P19AM Speaker - Right Rear Door (UQA/UQS)</u> <u>P19AM Speaker - Right Rear Door (UQH)</u>
P19B	Speaker - Center Instrument Panel	-	In the passenger compartment, front center, mounted to the center of instrument panel	<u>Instrument Panel Components - Front</u>	<u>P19B Speaker - Center Instrument Panel (UQA/UQS)</u> <u>P19B Speaker - Center Instrument Panel (UQH)</u>
P19C	Speaker - Driver Seat Left	UQH	In the passenger compartment, left front, inside of driver seat headrest, left side	-	<u>P19C Speaker - Driver Seat Left (UQH)</u>
P19D	Speaker - Driver Seat Right	UQH	In the passenger compartment, left front, inside of driver seat headrest, right side	-	<u>P19D Speaker - Driver Seat Right (UQH)</u>
P19H	Speaker - Left Front Tweeter	UQH	In the passenger compartment, left front, mounted to back of A-pillar trim	<u>Passenger Compartment - Left Front</u>	<u>P19H Speaker - Left Front Tweeter (UQH)</u>
P19J	Speaker - Left Instrument Panel	-	In the passenger compartment, left front, mounted to left front corner of instrument panel	<u>Instrument Panel Components - Front</u>	<u>P19J Speaker - Left Instrument Panel (UQA/UQS)</u> <u>P19J Speaker - Left Instrument Panel (UQH)</u>
P19M	Speaker - Left Rear Tweeter	UQH	In the passenger compartment, left rear, mounted to left rear door trim, forward of left rear door handle	<u>Left Rear Door Trim Components</u>	<u>P19M Speaker - Left Rear Tweeter (UQH)</u>
P19N	Speaker - Left Subwoofer	UQH	In the passenger compartment, left front, mounted to body, beneath driver seat	<u>Passenger Compartment - Left Front</u>	<u>P19N Speaker - Left Subwoofer X1 (UQH)</u> <u>P19N Speaker - Left Subwoofer X2 (UQH)</u>
P19Q	Speaker - Passenger Seat Left	UQH	In the passenger compartment, right front, inside of passenger seat headrest, left side	-	<u>P19Q Speaker - Passenger Seat Left (UQH)</u>
P19R	Speaker - Passenger Seat Right	UQH	In the passenger compartment, right front, inside of passenger seat headrest, right side	-	<u>P19R Speaker - Passenger Seat Right (UQH)</u>
P19V	Speaker - Right Front Tweeter	UQH	In the passenger compartment, right front, mounted to back of A-pillar trim	<u>Passenger Compartment - Right Front</u>	<u>P19V Speaker - Right Front Tweeter (UQH)</u>

Code	Name	Option	Location	Locator View	Connector End View
P19W	Speaker - Right Instrument Panel	-	In the passenger compartment, right front, mounted to right front corner of instrument panel	<u>Instrument Panel Components - Front</u>	• <u>P19W Speaker - Right Instrument Panel (UQA/UQS)</u> • <u>P19W Speaker - Right Instrument Panel (UQH)</u>
P19Z	Speaker - Right Rear Tweeter	UQH	In the passenger compartment, right rear, mounted to right rear door trim, forward of right rear door handle	<u>Right Rear Door Trim Components</u>	<u>P19Z Speaker - Right Rear Tweeter (UQH)</u>
P22E	Video Display - Driver Seat Back	UWG	In the passenger compartment, left center, mounted to the back of the driver seat	-	• <u>P22E Video Display - Driver Seatback X1 (UWG)</u> • <u>P22E Video Display - Driver Seatback X2 (UWG)</u>
P22F	Video Display - Passenger Seat Back	UWG	In the passenger compartment, right center, mounted to the back of the passenger seat	-	• <u>P22F Video Display - Passenger Seatback X1 (UWG)</u> • <u>P22F Video Display - Passenger Seatback X2 (UWG)</u>
P25	Power Sounder Content Theft Deterrent Alarm Module	UTR	In the engine compartment, left rear, behind strut tower, next to brake booster	<u>Engine Compartment Components - Left</u>	• <u>P25 Power Sounder Content Theft Deterrent Alarm Module (UTR+HP9)</u> • <u>P25 Power Sounder Content Theft Deterrent Alarm Module (UTR+KL9)</u>
P29	Head-Up Display	UV6	In the passenger compartment, left front, mounted behind instrument panel, in front of driver	<u>Instrument Panel Components - Rear</u>	• <u>P29 Head-Up Display X1 (UV6)</u> • <u>P29 Head-Up Display X2 (UV6)</u>
P34D	Side Object Detection Indicator - Driver	UFG/UKC	On outside of driver door, front middle, forward of window opening, part of outside rearview mirror glass	-	-
P34P	Side Object Detection Indicator - Passenger	UFG/UKC	On outside of passenger door, front middle, forward of window opening, part of outside rearview mirror glass	-	-
P43	Collision Alert Indicators	UHX-UGN	In the passenger compartment, left front, mounted to instrument panel, forward of instrument cluster	<u>Instrument Panel Components - Front</u>	<u>P43 Collision Alert Indicators (UHX-UGN)</u>
P45LR	Seat Haptic Movement Motor - Driver Left Rear	UEU/UHX	In the passenger compartment, in the driver seat cushion, on the left rear side	-	<u>P45LR Seat Haptic Movement Motor - Driver Left Rear (UEU/UHX)</u>
P45RR	Seat Haptic Movement Motor - Driver Right Rear	UEU/UHX	In the passenger compartment, in the driver seat cushion, on the right rear side	-	<u>P45RR Seat Haptic Movement Motor - Driver Right Rear (UEU/UHX)</u>
P48	Pedestrian Alert Sound Speaker	HP9	At the front of the vehicle, behind the front fascia, right of center, attached to the bottom of the front bumper impact bar	<u>Engine Compartment Components - Center (HP9)</u>	<u>P48 Pedestrian Alert Sound Speaker (HP9)</u>

Code	Name	Option	Location	Locator View	Connector End View
Q2	A/C Compressor Clutch	-	In the engine compartment, front, left side of engine, mounted to A/C compressor, at front	• <u>Engine Components - Left Front (LGX)</u> • <u>Engine Components - Left Front (LTG with KL9)</u> • <u>Engine Components - Left Front (LGW)</u>	• <u>Q2 A/C Compressor Clutch (LTG+HP9)</u> • <u>Q2 A/C Compressor Clutch (KL9)</u>
Q5	Brake Pressure Modulator	-	In the engine compartment, left front, beneath underhood fuse block, attached to the electronic brake control module	<u>Engine Compartment Components - Left</u>	-
Q6A	Camshaft Position Actuator Solenoid Valve - Bank 1 Exhaust	LGW/LGX	In the engine compartment, near front, right of center, above exhaust camshaft in valve cover	• <u>Engine Components - Top (LGX)</u> • <u>Engine Components - Top (LGW)</u>	<u>Q6A Camshaft Position Actuator Solenoid Valve - Bank 1 Exhaust (LGW/LGX)</u>
Q6B	Camshaft Position Actuator Solenoid Valve - Bank 1 Intake	LGW/LGX	In the engine compartment, near front, right of center, above intake camshaft in valve cover	• <u>Engine Components - Top (LGW)</u> • <u>Engine Components - Top (LGX)</u>	<u>Q6B Camshaft Position Actuator Solenoid Valve - Bank 1 Intake (LGW/LGX)</u>
Q6C	Camshaft Position Actuator Solenoid Valve - Bank 2 Exhaust	LGW/LGX	In the engine compartment, near front, left of center, above exhaust camshaft in valve cover	• <u>Engine Components - Top (LGW)</u> • <u>Engine Components - Top (LGX)</u>	<u>Q6C Camshaft Position Actuator Solenoid Valve - Bank 2 Exhaust (LGW/LGX)</u>
Q6D	Camshaft Position Actuator Solenoid Valve - Bank 2 Intake	LGW/LGX	In the engine compartment, near front, left of center, above intake camshaft in valve cover	• <u>Engine Components - Top (LGW)</u> • <u>Engine Components - Top (LGX)</u>	<u>Q6D Camshaft Position Actuator Solenoid Valve - Bank 2 Intake (LGW/LGX)</u>
Q6E	Camshaft Position Actuator Solenoid Valve - Exhaust	LTG	In the engine compartment, front, left of center, mounted to valve cover on left side	<u>Engine Components - Top (LTG)</u>	<u>Q6E Camshaft Position Actuator Solenoid Valve - Exhaust (LTG)</u>
Q6F	Camshaft Position Actuator Solenoid Valve - Intake	LTG	In the engine compartment, front, right of center, mounted to valve cover on right side	<u>Engine Components - Top (LTG)</u>	<u>Q6F Camshaft Position Actuator Solenoid Valve - Intake (LTG)</u>
Q12	Evaporative Emission Purge Solenoid Valve	-	• (LGW) In the engine compartment, rear, mounted to right rear of intake manifold • (LGX) In the engine compartment, front center, mounted to right front of intake manifold, just behind the throttle body • (LTG) In the engine compartment, front, right side of engine, mounted to top of intake manifold	• <u>Engine Components - Right Rear (LGW)</u> • <u>Engine Components - Left Front (LGX)</u> • <u>Engine Components - Top (LTG)</u>	<u>Q12 Evaporative Emission Purge Solenoid Valve</u>

Code	Name	Option	Location	Locator View	Connector End View
Q13	Evaporative Emission Vent Solenoid Valve	-	In vehicle underbody, right rear, near fuel tank	<u>Right Rear Wheelwell Components (HP9)</u>	• <u>Q13 Evaporative Emission Vent Solenoid Valve (HP9)</u> • <u>Q13 Evaporative Emission Vent Solenoid Valve (KL9) Q13 Evaporative Emission Vent Solenoid Valve (KL9)</u>
Q17A	Fuel Injector 1	-	• (LGW/LGX) In the engine compartment, near middle front, on the inboard side of bank 1 cylinder head, above cylinder 1 • (LTG) In the engine compartment, right of center, near front, mounted to the cylinder head at cylinder 1	• <u>Engine/Fuel Rail Components - Under Upper Intake Manifold (LGW/LGX)</u> • <u>Engine Components - Right (LTG)</u>	• <u>Q13 Evaporative Emission Vent Solenoid Valve (KL9) Q13 Evaporative Emission Vent Solenoid Valve (KL9)</u> • <u>Q17A Fuel Injector 1 (LTG)</u>
Q17B	Fuel Injector 2	-	• (LGW/LGX) In the engine compartment, near middle front, on the inboard side of bank 2 cylinder head, above cylinder 2 • (LTG) In the engine compartment, right of center, near middle, mounted to the cylinder head at cylinder 2	• <u>Engine Components - Right (LTG)</u> • <u>Engine/Fuel Rail Components - Under Upper Intake Manifold (LGW/LGX)</u>	• <u>Q17B Fuel Injector 2 (LGW/LGX)</u> • <u>Q17B Fuel Injector 2 (LTG)</u>
Q17C	Fuel Injector 3	-	• (LGW/LGX) In the engine compartment, near middle, on the inboard side of bank 1 cylinder head, above cylinder 3 • (LTG) In the engine compartment, right of center, near middle, mounted to the cylinder head at cylinder 3	• <u>Engine/Fuel Rail Components - Under Upper Intake Manifold (LGW/LGX)</u> • <u>Engine Components - Right (LTG)</u>	• <u>Q17C Fuel Injector 3 (LGW/LGX)</u> • <u>Q17C Fuel Injector 3 (LTG)</u>
Q17D	Fuel Injector 4	-	• (LGW/LGX) In the engine compartment, near middle, on the inboard side of bank 2 cylinder head, above cylinder 4 • (LTG) In the engine compartment, right of center, near rear, mounted to the cylinder head at cylinder 4	• <u>Engine Components - Right (LTG)</u> • <u>Engine/Fuel Rail Components - Under Upper Intake Manifold (LGW/LGX)</u>	• <u>Q17D Fuel Injector 4 (LGW/LGX)</u> • <u>Q17D Fuel Injector 4 (LTG)</u>

Code	Name	Option	Location	Locator View	Connector End View
Q17E	Fuel Injector 5	LGW/LGX	In the engine compartment, near middle rear, on the inboard side of bank 1 cylinder head, above cylinder 5	<u>Engine/Fuel Rail Components - Under Upper Intake Manifold (LGW/LGX)</u>	<u>Q17E Fuel Injector 5 (LGW/LGX)</u>
Q17F	Fuel Injector 6	LGW/LGX	In the engine compartment, near middle rear, on the inboard side of bank 2 cylinder head, above cylinder 6	<u>Engine/Fuel Rail Components - Under Upper Intake Manifold (LGW/LGX)</u>	<u>Q17F Fuel Injector 6 (LGW/LGX)</u>
Q23	Line Pressure Control Solenoid Valve	HP9	In the vehicle underbody, near center, middle, inside the automatic transmission assembly, on valve body	-	-
Q37LF	Shock Absorber Actuator - Left Front	F55	In the vehicle underbody, left front, mounted between knuckle and strut tower, part of shock absorber	<u>Engine Compartment Components - Left</u>	<u>Q37LF Shock Absorber Actuator - Left Front (F55)</u>
Q37LR	Shock Absorber Actuator - Left Rear	F55	In the vehicle underbody, left rear, mounted between knuckle and upper strut tower, part of shock absorber	<u>Passenger Compartment - Left Rear</u>	<u>Q37LR Shock Absorber Actuator - Left Rear (F55)</u>
Q37RF	Shock Absorber Actuator - Right Front	F55	In the vehicle underbody, right front, mounted between knuckle and strut tower, part of shock absorber	<u>Engine Compartment Components - Right</u>	<u>Q37RF Shock Absorber Actuator - Right Front (F55)</u>
Q37RR	Shock Absorber Actuator - Right Rear	F55	In the vehicle underbody, right rear, mounted between knuckle and upper strut tower, part of shock absorber	<u>Passenger Compartment - Right Rear</u>	<u>Q37RR Shock Absorber Actuator - Right Rear (F55)</u>
Q38	Throttle Body	-	(LGW) In the engine compartment, center rear of middle, below charge air cooler housing (LGX) In the engine compartment, center, front of engine, mounted to front of intake manifold (LTG) In the engine compartment, right side of engine, near front, mounted to front of intake manifold	<u>Engine Components - Right Rear (LTG)</u> <u>Engine Components - Left Front (LGX)</u>	<u>Q38 Throttle Body (LGW)</u> <u>Q38 Throttle Body (LGX/LTG)</u>
Q40	Turbocharger Bypass Solenoid Valve	LTG	In the engine compartment, front, left side of engine, mounted to turbocharger, below compressor inlet	<u>Engine Components - Left Front (LTG with KL9)</u> <u>Engine Components - Left Front (LTG with HP9)</u>	<u>Q40 Turbocharger Bypass Solenoid Valve (LTG)</u>
Q40A	Turbocharger 1 Bypass Solenoid Valve	LGW	In the engine compartment, near top of engine, left side of vacuum reservoir, above bank 1 valve cover	<u>Engine Components - Left Front (LGW)</u>	<u>Q40A Turbocharger 1 Bypass Solenoid Valve (LGW)</u>
Q40B	Turbocharger 2 Bypass Solenoid Valve	LGW	In the engine compartment, near top of engine, left side of vacuum reservoir, above bank 2 valve cover	<u>Engine Components - Left Front (LGW)</u>	<u>Q40B Turbocharger 2 Bypass Solenoid Valve (LGW)</u>

Code	Name	Option	Location	Locator View	Connector End View
Q42	Turbocharger Wastegate Solenoid Valve	LTG	In the engine compartment, front, left side of engine, mounted to turbocharger, below wastegate actuator	Engine Components - Left Front (LTG with KL9) Engine Components - Left Front (LTG with HP9)	Q42 Turbocharger Wastegate Solenoid Valve (LTG)
Q42A	Turbocharger 1 Wastegate Solenoid Valve	LGW	In the engine compartment, at top of engine, right of center	Engine Components - Right Rear (LGW)	Q42A Turbocharger 1 Wastegate Solenoid Valve (LGW)
Q42B	Turbocharger 2 Wastegate Solenoid Valve	LGW	In the engine compartment, at top of engine, left of center	-	Q42B Turbocharger 2 Wastegate Solenoid Valve (LGW)
Q44	Engine Oil Pressure Control Solenoid Valve	LTG	In the engine compartment, left side of engine, mounted to engine block at lower left	Engine Components - Left Rear (LTG)	Q44 Engine Oil Pressure Control Solenoid Valve (LGW/LGX) Q44 Engine Oil Pressure Control Solenoid Valve (LTG)
Q46	A/C Compressor Solenoid Valve	-	In the engine compartment, front, left side of engine, mounted to A/C compressor, at rear	Engine Components - Left Front (LGX) Engine Components - Left Front (LTG with KL9) Engine Components - Left Front (LGW)	Q46 A/C Compressor Solenoid Valve (KL9)
Q63	Evaporative Emission System Leak Detection Pump Assembly	HP9	In the passenger rear wheel well, above the liner, behind the strut, near the Evaporative Emission Vent Solenoid Valve	Right Rear Wheelwell Components (HP9)	Q63 Evaporative Emission System Leak Detection Pump Assembly (HP9)
Q66	Passenger Compartment Heater Coolant Control Valve	HP9	In the engine compartment, right side, forward of the right hand strut tower	Engine Compartment Components - Center (HP9)	Q66 Passenger Compartment Heater Coolant Control Valve (HP9)
Q77A	Transmission Control Solenoid Valve 1	-	In the vehicle underbody, near center, middle, inside the automatic transmission assembly, on valve body	Automatic Transmission Valve Body Components	Q77A Transmission Control Solenoid Valve 1 (M5N/M5X) Q77A Transmission Control Solenoid Valve 1 (MRD)
Q77B	Transmission Control Solenoid Valve 2	-	In the vehicle underbody, near center, middle, inside the automatic transmission assembly, on valve body	Automatic Transmission Valve Body Components	Q77B Transmission Control Solenoid Valve 2 (M5N/M5X) Q77B Transmission Control Solenoid Valve 2 (MRD)
Q77C	Transmission Control Solenoid Valve 3	-	In the vehicle underbody, near center, middle, inside the automatic transmission assembly, on valve body	Automatic Transmission Valve Body Components	Q77C Transmission Control Solenoid Valve 3 (M5N/M5X) Q77C Transmission Control Solenoid Valve 3 (MRD)
Q77D	Transmission Control Solenoid Valve 4	-	In the vehicle underbody, near center, middle, inside the automatic transmission assembly, on valve body	Automatic Transmission Valve Body Components	Q77D Transmission Control Solenoid Valve 4 (M5N/M5X) Q77D Transmission Control Solenoid Valve 4 (MRD)

Code	Name	Option	Location	Locator View	Connector End View
Q77E	Transmission Control Solenoid Valve 5	-	In the vehicle underbody, near center, middle, inside the automatic transmission assembly, on valve body	Automatic Transmission Valve Body Components	• Q77E Transmission Control Solenoid Valve 5 (M5N/M5X) • Q77E Transmission Control Solenoid Valve 5 (MRD)
Q77F	Transmission Control Solenoid Valve 6	-	In the vehicle underbody, near center, middle, inside the automatic transmission assembly, on valve body	Automatic Transmission Valve Body Components	• Q77F Transmission Control Solenoid Valve 6 (M5N/M5X) • Q77F Transmission Control Solenoid Valve 6 (MRD)
Q77G	Transmission Control Solenoid Valve 7	-	In the vehicle underbody, near center, middle, inside the automatic transmission assembly, on valve body	Automatic Transmission Valve Body Components	Q77G Transmission Control Solenoid Valve 7 (M5N/M5X)
Q77H	Transmission Control Solenoid Valve 8	-	In the vehicle underbody, near center, middle, inside the automatic transmission assembly, on valve body	Automatic Transmission Valve Body Components	Q77H Transmission Control Solenoid Valve 8 (M5N/M5X)
Q77J	Transmission Control Solenoid Valve 9	-	In the vehicle underbody, near center, middle, inside the automatic transmission assembly, on valve body	Automatic Transmission Valve Body Components	Q77J Transmission Control Solenoid Valve 9 (M5N/M5X)
Q83A	Valve Lifter Oil Solenoid Valve - Bank 1	LGW/LGX	In the engine compartment, right rear, on bank 1 valve cover	• Engine Components - Right Rear (LGW) • Engine Components - Rear (LGX)	Q83A Valve Lifter Oil Solenoid Valve - Bank 1 (LGW/LGX)
Q83B	Valve Lifter Oil Solenoid Valve - Bank 2	LGW/LGX	In the engine compartment, left front, on bank 2 cylinder head	Engine Components - Left Front (LGX)	Q83B Valve Lifter Oil Solenoid Valve - Bank 2 (LGW/LGX)
Q84A	Camshaft Position Actuator Park Lock Solenoid Valve - Bank 1 Intake	LGW/LGX	In the engine compartment, on front cover, forward of bank 1 cylinder head	• Engine Components - Left Front (LGW) • Engine Components - Left Front (LGX)	Q84A Camshaft Position Actuator Park Lock Solenoid Valve - Bank 1 Intake (LGW/LGX)
Q84B	Camshaft Position Actuator Park Lock Solenoid Valve - Bank 2 Intake	LGW/LGX	In the engine compartment, on front cover, forward of bank 2 cylinder head	• Engine Components - Left Front (LGW) • Engine Components - Left Front (LGX)	Q84B Camshaft Position Actuator Park Lock Solenoid Valve - Bank 2 Intake (LGW/LGX)
R6A	Terminating Resistor - High Speed Bus	-	• ((UGN+UVZ)/(F55-UQH)) In the luggage compartment, right rear, in the battery well, behind and to the right of the battery • (UQH) In the luggage compartment, left rear, behind trim panel, right of audio amplifier	• Luggage Compartment Components - Left • Luggage Compartment Components - Center (KL9)	R6B Terminating Resistor - Mid Speed Bus
R6E	Terminating Resistor - High Speed Extension Bus 1	HP9	In the passenger compartment, left rear	-	R6E Terminating Resistor - High Speed Extension Bus 1

Code	Name	Option	Location	Locator View	Connector End View
R6F	Terminating Resistor - High Speed Extension Bus 2	-	(HP9-UQH) In the passenger compartment, within the instrument panel (HP9+UQH) In the luggage compartment	-	R6F Terminating Resistor - High Speed Extension Bus 2 ((UQA/UQS)+KL9) R6F Terminating Resistor - High Speed Extension Bus 2 (HP9)
R6G	Terminating Resistor - High Voltage Energy Management Bus	HP9	In the passenger compartment, within the instrument panel	-	R6G Terminating Resistor - High Voltage Energy Management Bus ((UQA/UQS)+KL9)
R14L	Rear Window Defogger Noise Filter - Left	-	In the passenger compartment, left rear, near middle of rear window, on C-pillar	Passenger Compartment - Left Rear	R14L Rear Window Defogger Noise Filter - Left
R14R	Rear Window Defogger Noise Filter - Right	-	In the passenger compartment, right rear, near middle of rear window, on C-pillar	-	R14R Rear Window Defogger Noise Filter - Right
R25	Hybrid/EV Battery Pre-Charge Resistor	HP9	Under the vehicle, part of the hybrid/EV battery assembly	-	-
S2	Transmission Manual Shift Switch	-	In the passenger compartment, in the center of the center console, part of the shift lever assembly	-	-
S2L	Transmission Manual Shift Switch - Left	-	In the passenger compartment, left front, in the steering wheel on rear of left upper spoke	Steering Wheel Components	S2L Transmission Manual Shift Switch - Left
S2R	Transmission Manual Shift Switch - Right	-	In the passenger compartment, left front, in the steering wheel on rear of right upper spoke	Steering Wheel Components	S2R Transmission Manual Shift Switch - Right
S3	Transmission Shift Lever	-	In the passenger compartment, center near front, within the floor console	Floor Console Components	S3 Transmission Shift Lever
S13D	Door Lock Switch - Driver	-	On driver door trim panel, middle forward, forward of outside rearview mirror switch	Driver Door Trim Components	S13D Door Lock Switch - Driver
S13P	Door Lock Switch - Passenger	-	On passenger door trim panel, middle forward, forward of passenger window switch	Passenger Door Trim Components	S13P Door Lock Switch - Passenger
S15	Manual Service Disconnect	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	S15 Manual Service Disconnect X2 (HP9) S15 Manual Service Disconnect X3 (HP9)
S25	Garage Door Opener	UG1	In the passenger compartment, front, center, in the overhead console, at rear	Overhead Console Components	S25 Garage Door Opener (UG1)
S27	Head-Up Display Switch	UV6	In the passenger compartment, left front, mounted to instrument panel, left of steering column	Instrument Panel Components - Front	S27 Head-Up Display Switch (UV6)
S33	Horn Switch	-	In the passenger compartment, left front, attached to steering wheel at center, forward of air bag	-	S33 Horn Switch x1 S33 Horn Switch x2
S35	Instrument Panel Compartment Lamp Switch	-	In the passenger compartment, right front, at left side of instrument panel compartment	-	S35 Instrument Panel Compartment Lamp Switch

Code	Name	Option	Location	Locator View	Connector End View
S36	Instrument Panel Dimmer Switch	-	In the passenger compartment, left front, mounted to instrument panel, left of steering column	<u>Instrument Panel Components - Front</u>	<u>S36 Instrument Panel Dimmer Switch</u>
S38	Ignition Mode Switch	-	In the passenger compartment, front, left of center, between info display and steering column	<u>Instrument Panel Components - Front</u>	<u>S38 Ignition Mode Switch</u>
S46B	Liftgate Unlatch Switch	TC2/TL9	On the rear of vehicle, center of trunk lid, above license plate	-	<u>S46B Liftgate Unlatch Switch (TC2)</u>
S47D	Seat Memory Switch - Driver	-	On driver door trim, upper middle, above the driver door lock switch	<u>Driver Door Trim Components</u>	<u>S47D Seat Memory Switch - Driver</u>
S47P	Seat Memory Switch - Passenger	-	On passenger door trim, upper middle, above the passenger door lock switch	<u>Passenger Door Trim Components</u>	<u>S47P Seat Memory Switch - Passenger</u>
S48B	Multifunction Switch - Overhead Console	-	In the passenger compartment, front, center, in the middle of the overhead console	<u>Overhead Console Components</u>	<u>S48B Multifunction Switch - Overhead Console</u>
S48C	Multifunction Switch 1 - Instrument Panel	-	In the passenger compartment, front center, mounted to the instrument panel, to the left of the info display	<u>Instrument Panel Components - Front</u>	<u>S48C Multifunction Switch 1 - Instrument Panel</u>
S48D	Multifunction Switch 2 - Instrument Panel	-	In the passenger compartment, front center, mounted to the instrument panel, to the right of the info display	<u>Instrument Panel Components - Front</u>	<u>S48D Multifunction Switch 2 - Instrument Panel</u>
S48E	Multifunction Switch - Center Console	-	In the passenger compartment at the front of the center console, rear of transmission shift lever	<u>Floor Console Components</u>	<u>S48E Multifunction Switch - Center Console</u>
S51	Telematics Button Assembly	UE1	In the passenger compartment, front, center, in the overhead console, front left	<u>Overhead Console Components</u>	<u>S51 Telematics Button Assembly (UE1)</u>
S52	Outside Rearview Mirror Switch	-	On the driver door trim panel, near middle, forward of window switch	<u>Driver Door Trim Components</u>	<u>S52 Outside Rearview Mirror Switch</u>
S58A	Rear Compartment Lid Unlatch Switch - Exterior	0	At rear of vehicle, center, at top license plate pocket	<u>Rear Compartment Lid Components</u>	<u>S58A Rear Compartment Lid Unlatch Switch - Exterior (HP9- (TC2/TL9))</u> <u>S58A Rear Compartment Lid Unlatch Switch - Exterior (KL9- (TC2/TL9))</u>
S58B	Rear Compartment Lid Unlatch Switch - Interior	-	On the driver door trim panel, middle of door trim, below driver door lock switch	<u>Driver Door Trim Components</u>	<u>S58B Rear Compartment Lid Unlatch Switch - Interior</u>
S64D	Seat Adjuster Switch - Driver	-	On the driver door trim panel, mounted in front of driver door handle	<u>Driver Door Trim Components</u>	<u>S64D Seat Adjuster Switch - Driver</u>
S64LR	Seat Adjuster Switch - Left Rear	AQ9	In the passenger compartment, left of center, rear, on left side of rear seat armrest	<u>Rear Seat Components - Front</u>	<u>S64LR Seat Adjuster Switch - Left Rear (AQ9)</u>
S64P	Seat Adjuster Switch - Passenger	-	On the passenger door trim panel, mounted in front of passenger door handle	<u>Passenger Door Trim Components</u>	<u>S64P Seat Adjuster Switch - Passenger</u>

Code	Name	Option	Location	Locator View	Connector End View
S64RR	Seat Adjuster Switch - Right Rear	AQ9	In the passenger compartment, right of center, rear, on right side of rear seat armrest	<u>Rear Seat Components - Front</u>	<u>S64RR Seat Adjuster Switch - Right Rear (AQ9)</u>
S70A	Steering Wheel Controls Switch - Left Lower	-	In the passenger compartment, left front, in the steering wheel on front of left lower spoke	<u>Steering Wheel Components</u>	<u>S70A Steering Wheel Controls Switch - Left Lower</u>
S70B	Steering Wheel Controls Switch - Right Lower	-	In the passenger compartment, left front, in the steering wheel on front of right lower spoke	<u>Steering Wheel Components</u>	<u>S70B Steering Wheel Controls Switch - Right Lower</u>
S70C	Steering Wheel Controls Switch - Left Upper	-	In the passenger compartment, left front, in the steering wheel on front of left upper spoke	<u>Steering Wheel Components</u>	<u>S70C Steering Wheel Controls Switch - Left Upper</u>
S70D	Steering Wheel Controls Switch - Right Upper	-	In the passenger compartment, left front, in the steering wheel on front of right upper spoke	<u>Steering Wheel Components</u>	<u>S70D Steering Wheel Controls Switch - Right Upper</u>
S71	Steering Column Tilt and Telescope Switch	-	In the passenger compartment, front, left of center, on the left side of steering column	<u>Steering Column Components</u>	<u>S71 Steering Column Tilt and Telescope Switch</u>
S78	Turn Signal/Multifunction Switch	-	In the passenger compartment, left front, attached to steering column, left side	<u>Steering Column Components</u>	<u>S78 Turn Signal/Multifunction Switch</u>
S79D	Window Switch - Driver	-	On the driver door trim panel, mounted in front of driver door pull handle	<u>Driver Door Trim Components</u>	<u>S79D Window Switch - Driver</u>
S79LR	Window Switch - Left Rear	-	On the left rear door, near middle on door trim, in front of right rear pull handle	<u>Left Rear Door Trim Components</u>	<u>S79LR Window Switch - Left Rear</u>
S79P	Window Switch - Passenger	-	On the passenger door trim panel, mounted in front of passenger door pull handle	<u>Passenger Door Trim Components</u>	<u>S79P Window Switch - Passenger X1</u> <u>S79P Window Switch - Passenger X2</u>
S79RR	Window Switch - Right Rear	-	On the right rear door, near middle on door trim, in front of right rear pull handle	<u>Right Rear Door Trim Components</u>	<u>S79RR Window Switch - Right Rear</u>
S82	Windshield Wiper/Washer Switch	-	In the passenger compartment, left front, attached to steering column, right side	<u>Steering Column Components</u>	<u>S82 Windshield Wiper/Washer Switch</u>
S90LR	Sunshade Switch - Left Rear Door	C3U/DB3	mounted to the left rear door trim panel, in front of left rear window switch	<u>Left Rear Door Trim Components</u>	<u>S90LR Sunshade Switch - Left Rear Door (C3U/DB3)</u>
S90RR	Sunshade Switch - Right Rear Door	C3U/DB3	mounted to the right rear door trim panel, in front of right rear window switch	<u>Right Rear Door Trim Components</u>	<u>S90RR Sunshade Switch - Right Rear Door (C3U/DB3)</u>
S91	Park Brake Control Switch	-	In the passenger compartment, left front, mounted to instrument panel, left of steering column	<u>Instrument Panel Components - Front</u>	<u>S91 Park Brake Control Switch</u>
S100LR	Seat Heating/Venting/Cooling Switch - Left Rear	KA6	In the left rear door trim panel, below left rear door handle	<u>Left Rear Door Trim Components</u>	<u>S100LR Seat Heating/Venting/Cooling Switch - Left Rear (KA6+AQ9)</u> <u>S100LR Seat Heating/Venting/Cooling Switch - Left Rear (KA6-AQ9)</u>

Code	Name	Option	Location	Locator View	Connector End View
S100RR	Seat Heating/Venting/Cooling Switch - Right Rear	KA6	In the right rear door trim panel, below right rear door handle	<u>Right Rear Door Trim Components</u>	• <u>S100RR Seat Heating/Venting/Cooling Switch - Right Rear (KA6+AQ9)</u> • <u>S100RR Seat Heating/Venting/Cooling Switch - Right Rear (KA6-AQ9)</u>
S136	Infotainment Control Touchpad	-	In the passenger compartment at the front of the center console, right of the center console multifunction switch	<u>Floor Console Components</u>	<u>S136 Infotainment Control Touchpad</u>
S140	Media Disc Eject Switch	UWG	In the passenger compartment, rear center, mounted to the rear of the center console, below rear HVAC vents	<u>Floor Console Components</u>	<u>S140 Media Disc Eject Switch (UWG)</u>
T1	Accessory DC/AC Power Inverter Module	KI6/KI7	In the luggage compartment, right rear, mounted to the right rear side in the battery well	• <u>Luggage Compartment Components - Center (KL9)</u> • <u>Luggage Compartment Components - Center (HP9)</u>	• <u>T1 Accessory DC/AC Power Inverter Module X1 (KI6/KI7)</u> • <u>T1 Accessory DC/AC Power Inverter Module X2 (KI6)</u> • <u>T1 Accessory DC/AC Power Inverter Module X2 (KI7)</u>
T2RR	Antenna - Roof Rear	-	On roof at rear center	<u>Rear of Vehicle Components</u>	• <u>T2RR Antenna - Roof Rear X1 (IO6-UE1)</u> • <u>T2RR Antenna - Roof Rear X2 (C4E/CZ3)</u> • <u>T2RR Antenna - Roof Rear X2 (EF7/Z49)</u>
T2SR	Antenna - Rear Window	-	In the passenger compartment, rear, on rear window at top	-	• <u>T2SR Antenna - Rear Window X1 (IO6-UE1)</u> • <u>T2SR Antenna - Rear Window X2 (CW1/KL9)</u> • <u>T2SR Antenna - Rear Window X3 (CW1)</u>

Code	Name	Option	Location	Locator View	Connector End View
T3	Audio Amplifier	-	In the luggage compartment, left rear, behind trim panel, mounted to floor	<u>Luggage Compartment Components - Left</u> <u>Luggage Compartment Components - Center (HP9)</u>	<u>T3 Audio Amplifier X1 (UQA+HP9)</u> <u>T3 Audio Amplifier X1 (UQA+KL9)</u> <u>T3 Audio Amplifier X1 (UQH)</u> <u>T3 Audio Amplifier X1 (UQS)</u> <u>T3 Audio Amplifier X2 (UQA)</u> <u>T3 Audio Amplifier X2 (UQH)</u> <u>T3 Audio Amplifier X2 (UQS)</u> <u>T3 Audio Amplifier X3 (UQA)</u> <u>T3 Audio Amplifier X3 (UQH)</u> <u>T3 Audio Amplifier X3 (UQS)</u> <u>T3 Audio Amplifier X4 (UQA)</u> <u>T3 Audio Amplifier X4 (UQH)</u> <u>T3 Audio Amplifier X4 (UQS)</u> <u>T3 Audio Amplifier X5 (UQH)</u>
T3LF	Audio Amplifier - Left Front	UQH	In the passenger compartment, left front, beneath driver seat, mounted inside of left subwoofer speaker assembly	-	<u>T3LF Audio Amplifier - Left Front (UQH)</u>
T3R	Audio Amplifier - Rear	UQH	In the passenger compartment, rear, right of center, on rear window shelf	<u>Passenger Compartment - Left Rear</u>	<u>T3R Audio Amplifier - Rear (UQH)</u>
T3RF	Audio Amplifier - Right Front	UQH	In the passenger compartment, right front, beneath passenger seat, mounted inside of right subwoofer speaker assembly	-	<u>T3RF Audio Amplifier - Right Front (UQH)</u>
T4H	Digital Radio Antenna	U2M	In the passenger compartment, rear center, above headliner	-	<u>T4H Digital Radio Antenna (U2M)</u>
T4S	Wireless Communication Antenna - Bluetooth	UE1/UI3	In the passenger compartment, right front, mounted to rear of instrument panel, near bulkhead, attached to telematics communication interface control module	-	-

Code	Name	Option	Location	Locator View	Connector End View
T6	Power Inverter Module	HP9	In the engine compartment, right rear, behind right front strut tower	<u>Engine Compartment Power Inverter Component (HP9)</u>	• <u>T6 Power Inverter Module X1 (LTG+HP9)</u> • <u>T6 Power Inverter Module X2 (HP9)</u> • <u>T6 Power Inverter Module X3 (HP9)</u> • <u>T6 Power Inverter Module X4 (HP9)</u> • <u>T6 Power Inverter Module X5 (HP9)</u> • <u>T6 Power Inverter Module X6 (HP9)</u> • <u>T6 Power Inverter Module X7 (HP9)</u>
T8A	Ignition Coil 1	-	• (LGW/LGX) In the engine compartment, right of center, near middle, above cylinder 1 • (LTG) In the engine compartment, center, near middle, above cylinder 1	• <u>Engine Components - Top (LGW)</u> • <u>Engine Components - Top (LGX)</u> • <u>Engine Components - Top (LTG)</u>	• <u>T8A Ignition Coil 1 (LGW/LGX)</u> • <u>T8A Ignition Coil 1 (LTG)</u> • <u>T8A Ignition Coil 1 (LTG+KL9)</u>
T8B	Ignition Coil 2	-	• (LGW/LGX) In the engine compartment, left of center, near middle, above cylinder 2 • (LTG) In the engine compartment, center, near middle, above cylinder 2	• <u>Engine Components - Top (LGW)</u> • <u>Engine Components - Top (LGX)</u> • <u>Engine Components - Top (LTG)</u>	• <u>T8B Ignition Coil 2 (LGW/LGX)</u> • <u>T8B Ignition Coil 2 (LTG)</u> • <u>T8B Ignition Coil 2 (LTG+KL9)</u>
T8C	Ignition Coil 3	-	• (LGW/LGX) In the engine compartment, right of center, near middle, above cylinder 3 • (LTG) In the engine compartment, center, near middle, above cylinder 3	• <u>Engine Components - Top (LTG)</u> • <u>Engine Components - Top (LGW)</u> • <u>Engine Components - Top (LGX)</u>	• <u>T8C Ignition Coil 3 (LGW/LGX)</u> • <u>T8C Ignition Coil 3 (LTG)</u> • <u>T8C Ignition Coil 3 (LTG+KL9)</u>
T8D	Ignition Coil 4	-	• (LGW/LGX) In the engine compartment, left of center, near middle, above cylinder 4 • (LTG) In the engine compartment, center, near middle, above cylinder 4	• <u>Engine Components - Top (LTG)</u> • <u>Engine Components - Top (LGW)</u> • <u>Engine Components - Top (LGX)</u>	• <u>T8D Ignition Coil 4 (LGW/LGX)</u> • <u>T8D Ignition Coil 4 (LTG)</u> • <u>T8D Ignition Coil 4 (LTG+KL9)</u>
T8E	Ignition Coil 5	LGW/LGX	In the engine compartment, right of center, near rear, above cylinder 5	• <u>Engine Components - Top (LGW)</u> • <u>Engine Components - Top (LGX)</u>	<u>T8E Ignition Coil 5 (LGW/LGX)</u>

Code	Name	Option	Location	Locator View	Connector End View
T8F	Ignition Coil 6	LGW/LGX	In the engine compartment, left of center, near rear, above cylinder 6	Engine Components - Top (LGW) Engine Components - Top (LGX)	T8F Ignition Coil 6 (LGW/LGX)
T10B	Keyless Entry Antenna - Instrument Panel Compartment	-	In the passenger compartment, front center, within instrument panel	-	T10B Keyless Entry Antenna - Instrument Panel Compartment
T10E	Keyless Entry Antenna - Rear Compartment	-	In the luggage compartment, left front, behind trim on trunk opening	Luggage Compartment Components - Center (KL9) Luggage Compartment Components - Center (HP9)	T10E Keyless Entry Antenna - Rear Compartment
T10G	Keyless Entry Antenna - Rear Fascia	-	At the rear of vehicle, near center, above bumper behind fascia	Behind Rear Fascia Components	T10G Keyless Entry Antenna - Rear Fascia
T10J	Keyless Entry Antenna - Center Console Front	-	In the passenger compartment, center, underneath floor console	-	T10J Keyless Entry Antenna - Center Console Front
T10L	Keyless Entry Antenna - Left Body	-	Outside of vehicle, left front, behind a-pillar, mounted behind rocker panel	Rocker Panel Components	T10L Keyless Entry Antenna - Left Body
T10R	Keyless Entry Antenna - Right Body	-	Outside of vehicle, right front, behind a-pillar, mounted behind rocker panel	Rocker Panel Components	T10R Keyless Entry Antenna - Right Body
T12	Automatic Transmission Assembly	-	In the vehicle underbody, center, forward of middle	-	T12 Automatic Transmission Assembly X1 (HP9) T12 Automatic Transmission Assembly X2 (HP9)
T15	Navigation Antenna Signal Splitter	-	In the passenger compartment, front right, within instrument panel, near right front outer floor courtesy lamp	-	T15 Navigation Antenna Signal Splitter X1 (UE1+IO6) T15 Navigation Antenna Signal Splitter X2 (UE1+IO6) T15 Navigation Antenna Signal Splitter X3 (UE1+IO6)
T18	Battery Charger	HP9	in the vehicle underbody, at the rear, center, rearward of the rear differential	Hybrid Components (HP9)	T18 Battery Charger X1 (HP9) T18 Battery Charger X2 (HP9) T18 Battery Charger X3 (HP9)
T19	Power Supply Transformer	-	In the luggage compartment, right side, on bracket rear of right rear wheel well, behind radio	Luggage Compartment Components - Right	T19 Power Supply Transformer (KL9)
T21	Hybrid/EV Battery Coolant Heater Transistor	HP9	Under the vehicle, part of the hybrid/EV battery contactor assembly	-	-
T22	Mobile Device Wireless Charger Module	K4C	In the passenger compartment, middle center, mounted to center console, in front of center console compartment	Floor Console Components	T22 Mobile Device Wireless Charger Module (K4C)

Code	Name	Option	Location	Locator View	Connector End View
T23	Radio Antenna Amplifier	CW1	In the passenger compartment, right rear, near top of C-pillar	-	<u>T23 Radio Antenna Amplifier X1 (CW1)</u>
T23L	Radio Antenna Amplifier - Left	-	In the passenger compartment, left rear, near top of C-pillar	-	<u>T23L Radio Antenna Amplifier - Left</u>
T23R	Radio Antenna Amplifier - Right	-	In the passenger compartment, right rear, near top of C-pillar	<u>Passenger Compartment - Right Rear</u>	• <u>T23R Radio Antenna Amplifier - Right X1</u> • <u>T23R Radio Antenna Amplifier - Right X2 (U2Q)</u>
V1	Air Ionizer	KEM	In the passenger compartment, front center, within instrument panel, attached to left side of HVAC assembly	<u>HVAC Module Components</u>	<u>V1 Air Ionizer (KEM)</u>
V2	Air Ionizer Electrode	KEM	In the passenger compartment, center, underneath floor console	<u>HVAC Module Components</u>	-
X20	Memory Card Receptacle	XVR	In the passenger compartment, right rear, attached to rear trim	<u>Luggage Compartment Components - Rear</u>	• <u>X20 Memory Card Receptacle X1 (XVR)</u> • <u>X20 Memory Card Receptacle X2 (XVR)</u>
X21	Manual Service Disconnect Receptacle	HP9	Under the vehicle, part of the hybrid/EV battery contactor assembly	-	-
X50A	Fuse Block - Underhood	-	In the engine compartment, left front, in front of left strut tower	<u>Engine Compartment Components - Left</u>	<u>Electrical Center Identification Views Electrical Center Identification Views</u>
X50B	Fuse Block - Underhood Auxiliary	-	In the engine compartment, left front, in front of left strut tower	-	<u>Electrical Center Identification Views Electrical Center Identification Views</u>
X50D	Fuse Block - Battery	-	In the luggage compartment, near center, mounted to battery	• <u>Luggage Compartment Components - Center (HP9)</u> • <u>Luggage Compartment Components - Center (KL9)</u>	<u>Electrical Center Identification Views Electrical Center Identification Views</u>
X51A	Fuse Block - Instrument Panel	-	In the passenger compartment, at left side of instrument panel, behind left end close-out panel	-	<u>Electrical Center Identification Views Electrical Center Identification Views</u>
X53A	Fuse Block - Rear Body	-	In the luggage compartment, right side, on bracket rear of right rear wheel well, below radio	<u>Luggage Compartment Components - Right</u>	<u>Electrical Center Identification Views Electrical Center Identification Views</u>
X55AE	Fuse Holder - Steering Wheel Heater	UVD	In the passenger compartment, driver side front, mounted to bottom of steering column near steering wheel air bag coil	-	<u>Electrical Center Identification Views Electrical Center Identification Views</u>
X55AG	Fuse Holder - Battery Sensor	-	In the luggage compartment, center, approximately 6 cm (2.4 in) from Battery (+) terminal	-	<u>Electrical Center Identification Views Electrical Center Identification Views</u>
X80C	Accessory Power Receptacle - Cargo	KC8	in the luggage compartment, at the rear, left of center	-	<u>X80C Accessory Power Receptacle - Cargo (KC8)</u>
X80F	Accessory Power Receptacle - Front	-	In the passenger compartment, center, mounted to floor console	-	<u>X80F Accessory Power Receptacle - Front (- DUJ/SAO)</u>

Code	Name	Option	Location	Locator View	Connector End View
X80M	Accessory Power Receptacle - Rear Seat	without DUJ	In the passenger compartment, rear center, beneath rear seat cushion	-	<u>X80M Accessory Power Receptacle - Rear Seat (-DUJ)</u>
X81	Accessory Power Receptacle - 110V AC	KI6	In the passenger compartment, rear center, in center of seat cushion, beneath rear seat armrest	<u>Rear Seat Components - Bottom</u>	• <u>X81 Accessory Power Receptacle - 110V AC x1 (KI6)</u> • <u>X81 Accessory Power Receptacle - 110V AC x2 (KI6)</u>
X81B	Accessory Power Receptacle - 220V AC	KI7	In the passenger compartment, rear center, in center of seat cushion, beneath rear seat armrest	<u>Rear Seat Components - Bottom</u>	• <u>X81B Accessory Power Receptacle - 220V AC x1 (KI7)</u> • <u>X81B Accessory Power Receptacle - 220V AC x2 (KI7)</u>
X82	Audio/Video Input Adapter	UWG	In the passenger compartment, rear center, in rear seat armrest	-	• <u>X82 Audio/Video Input Adapter x1 (UWG)</u> • <u>X82 Audio/Video Input Adapter x2 (UWG)</u> • <u>X82 Audio/Video Input Adapter x3 (UWG)</u>
X83	Auxiliary Audio Input	-	In the passenger compartment, middle center, in the center console compartment, at rear	<u>Floor Console Components</u>	• <u>X83 Auxiliary Audio Input X1</u> • <u>X83 Auxiliary Audio Input X2</u>
X84	Data Link Connector	-	In the passenger compartment, left front, mounted to the bottom of the instrument panel, below instrument panel dimmer switch	<u>Instrument Panel Components - Front</u>	<u>X84 Data Link Connector</u>
X84B	Auxiliary Data Connector	HP9	In the passenger compartment, right front, mounted to the bottom of the instrument panel, below the glove box	-	<u>X84B Auxiliary Data Connector (HP9)</u>
X85	Steering Wheel Air Bag Coil	-	In the passenger compartment, left front, attached to steering column, center, forward of steering wheel	<u>Steering Column Components</u>	• <u>X85 Steering Wheel Air Bag Coil X1</u> • <u>X85 Steering Wheel Air Bag Coil X2</u>
X92B	USB Receptacle - Rear Seat	-	In the passenger compartment, rear center, mounted beneath the rear seat cushion	<u>Rear Seat Components - Bottom</u>	<u>X92B USB Receptacle - Rear Seat</u>
X98	Hybrid/EV Battery Charger Receptacle	HP9	On the outside of the vehicle, at the rear, right rear quarter panel, behind the fuel tank filler door	-	<u>X98 Hybrid/EV Battery Charger Receptacle (HP9)</u>
X103	Forward Lamp Harness LVDS to Front Fascia Harness LVDS (1 cavity)	UV3	At the right front corner of vehicle, behind front fascia, above right lower grille opening	• <u>Front Fascia Harness Routing</u> • <u>Forward Lamp Harness Routing</u>	<u>X103 Front Fascia Harness to Front Fascia Harness (UV3)</u>
X105	Front Fascia Harness to Forward Lamp Harness (40 cavities)	-	At the right front corner of vehicle, behind front fascia, above right lower grille opening	• <u>Front Fascia Harness Routing</u> • <u>Forward Lamp Harness Routing</u>	<u>X105 Front Fascia Harness to Forward Lamp Harness</u>
X110	Forward Lamp Harness to Left Front Headlamp Harness (12 cavities)	-	At the front of vehicle, behind the front left headlamp	<u>Forward Lamp Harness Routing</u>	<u>X110 Forward Lamp Harness to Left Headlamp Harness</u>

Code	Name	Option	Location	Locator View	Connector End View
X115	Engine Harness to Throttle Body Jumper Harness (6 cavities)	LGW	In the engine compartment, middle, near front of engine	<u>Engine Harness Routing - Left Front (LGW)</u>	<u>X115 Engine Harness to Throttle Body Jumper Harness (LGW)</u>
X116	Starter Jumper Harness to Engine Harness (2 cavities)	LGW	In vehicle underbody, center, on top of the front of the transmission bell housing	<u>Engine Harness Routing - Right Rear (LGW)</u>	<u>X116 Starter Motor Jumper Harness to Engine Harness</u>
X117	Engine Harness to Engine Jumper Harness (2 cavities)	LGW/LGX	In the engine compartment, right front, lower, to the right of crankshaft pulley	<u>Engine Harness Routing - Right Front (LGW)</u>	<u>X117 Engine Harness to Engine Oil Level Switch Jumper Harness (LGW/LGX)</u>
X118	Engine Harness to Engine Jumper Harness (2 cavities)	LGW/LGX	In the engine compartment, right side, above oil pan, in front of right engine mount	<u>Engine Harness Routing - Right Front (LGW)</u>	<u>X118 Engine Harness to Engine Oil Pressure Control Solenoid Value Jumper Harness (LGW/LGX)</u>
X119	Engine Harness to Engine Jumper Harness (2 cavities)	LGW/LGX	In the engine compartment	-	<u>X119 Engine Harness to Engine Coolant Temperature Sensor Jumper Harness (LGW/LGX)</u>
X120	Forward Lamp Harness to Right Front Headlamp Harness (12 cavities)	-	At the front of vehicle, behind the front right headlamp	<u>Forward Lamp Harness Routing</u>	<u>X120 Forward Lamp Harness to Right Headlamp Harness</u>
X121	Engine Harness to Bank 1 Engine Jumper Harness (6 cavities)	LGW	In the engine compartment, right front, above generator	• <u>Engine Harness Routing - Left Front (LGW)</u> • <u>Engine Harness Routing - Right Rear (LGW)</u>	<u>X121 Engine Harness to Bank 1 Engine Jumper Harness (LGW)</u>
X122	Engine Harness to Bank 2 Knock Sensor Jumper Harness (2 cavities)	LGW	In the engine compartment, left side of engine, near front of bank 2 turbocharger	<u>Engine Harness Routing - Left Front (LGW)</u>	<u>X122 Engine Harness to Bank 2 Knock Sensor Jumper Harness (LGW)</u>
X125	Body Harness to Forward Lamp Harness (48 cavities)	-	In the engine compartment, left front, beneath the core support, outside of frame rail, near electronic brake control module	• <u>Forward Lamp Harness Routing</u> • <u>Body Harness - Engine Compartment (HP9)</u> • <u>Body Harness - Engine Compartment (KL9)</u>	• <u>X125 Body Harness to Forward Lamp Harness (HP9)</u> • <u>X125 Body Harness to Forward Lamp Harness (KL9)</u>
X126	Forward Lamp Harness to Body Harness (40 cavities)	-	In the engine compartment, right front, between right front strut tower and radiator core support	• <u>Body Harness - Engine Compartment (HP9)</u> • <u>Forward Lamp Harness Routing</u>	<u>X126 Forward Lamp Harness to Body Harness</u>
X127	Body Harness to Engine Harness (20 cavities)	HP9	In the engine compartment, right front, between right front strut tower and radiator core support	• <u>Engine Harness Routing - Left Front (LTG with HP9)</u> • <u>Body Harness - Engine Compartment (HP9)</u>	<u>X127 Engine Harness to Body Harness (HP9)</u>

Code	Name	Option	Location	Locator View	Connector End View
X128	Engine Harness to Body Harness (20 cavities)	-	In the engine compartment, right front, near the radiator core support, behind the right front headlight assembly	• <u>Engine Harness Routing - Left Front (LGX)</u> • <u>Engine Harness Routing - Left Front (LGW)</u> • <u>Engine Harness Routing - Left Front (LTG with HP9)</u> • <u>Engine Harness Routing - Left Front (LTG with KL9)</u> • <u>Body Harness - Engine Compartment (KL9)</u> • <u>Body Harness - Engine Compartment (HP9)</u>	• <u>X128 Body Harness to Engine Harness (HP9)</u> • <u>X128 Body Harness to Engine Harness (KL9)</u>
X150	Body Harness to Engine Harness (48 cavities)	-	In the engine compartment, left front, beneath the core support, inside of frame rail, near electronic brake control module	• <u>Body Harness - Engine Compartment (HP9)</u> • <u>Engine Harness Routing - Left Front (LTG with KL9)</u> • <u>Engine Harness Routing - Left Front (LTG with HP9)</u> • <u>Engine Harness Routing - Left Front (LGX)</u> • <u>Body Harness - Engine Compartment (KL9)</u> • <u>Engine Harness Routing - Left Front (LGW)</u>	• <u>X150 Body Harness to Engine Harness (HP9)</u> • <u>X150 Body Harness to Engine Harness (KL9)</u>
X151	A/C Compressor Jumper Harness to Battery Cable Harness (2 cavities)	HP9	-	-	<u>X151 A/C Compressor Jumper Harness to High Voltage Battery Cable Harness (HP9)</u>
X152	Battery Cable Harness to Coolant Heater Jumper Harness (2 cavities)	HP9	-	-	-
X153	Battery Cable Harness to Power Module Jumper Harness (2 cavities)	HP9	-	-	<u>X153 High Voltage Cable Harness to 14V Power Module Jumper Harness (HP9)</u>
X154	Body Harness LVDS to Forward Lamp Harness LVDS (1 cavity)	UV3	In the engine compartment, right front, between right front strut tower and radiator core support	• <u>Body Harness - Engine Compartment (KL9)</u> • <u>Forward Lamp Harness Routing</u> • <u>Body Harness - Engine Compartment (HP9)</u>	<u>X154 Body Harness to Forward Lamp LVDS Harness (UV3)</u>

Code	Name	Option	Location	Locator View	Connector End View
X160	Engine Harness to Fuel Rail - Odd Harness (6 cavities)	-	(LGW/LGX) In the engine compartment, rear, left of center, behind bank 2 camshaft cover (LTG) In the engine compartment, front right of engine, mounted to top of intake manifold	<u>Engine Harness Routing - Right Rear (LTG with HP9)</u> <u>Engine Harness Routing - Right Rear (LGX)</u> <u>Engine Harness Routing - Right Rear (LGW)</u> <u>Engine Harness Routing - Right Rear (LTG with KL9)</u> <u>Engine Harness Routing - Left Front (LTG with HP9)</u>	<u>X160 Engine Harness to Fuel Rail - Odd Harness (LGW/LGX)</u> <u>X160 Engine Harness to Fuel Rail Harness (LTG)</u>
X161	Engine Harness to Fuel Rail - Odd Harness (12 cavities)	LGW/LGX	In the engine compartment, rear, left of center, behind bank 2 camshaft cover	<u>Engine Harness Routing - Right Rear (LGW)</u> <u>Engine Harness Routing - Right Rear (LGX)</u>	<u>X161 Engine Harness to Fuel Rail - Even Harness (LGW/LGX)</u>
X175	Engine Harness to Transmission Harness (36 cavities)	-	In the vehicle underbody, near right rear of transmission	<u>Engine Harness Routing - Right Rear (LTG with HP9)</u> <u>Engine Harness Routing - Right Rear (LTG with KL9)</u> <u>Engine Harness Routing - Right Rear (LGW)</u> <u>Engine Harness Routing - Right Rear (LGX)</u>	<u>X175 Engine Harness to Transmission Case Harness (HP9)</u> <u>X175 Engine Harness to Transmission Case Harness (KL9)</u>
X176	Transmission Case Harness to Transmission Control Harness (22 Cavities)	-	Inside the transmission, on right side near rear	-	<u>X176 Transmission Case Harness to Transmission Control Harness</u>
X177	Transmission Case Harness to Transmission Speed Sensor (6 Cavities)	-	Inside the transmission, on right side near middle	-	<u>X177 Transmission Case Harness to Transmission Speed Sensor Harness</u>
X190	Engine Harness to Body Harness (20 Cavities)	HP9	In the engine compartment, right front, forward of the strut tower along the core support	<u>Engine Harness Routing - Left Front (LTG with HP9)</u> <u>Body Harness - Engine Compartment (HP9)</u>	<u>X190 Body Harness to Engine Harness (LTG+HP9)</u>
X210	Instrument Panel Harness to Body Harness (102 cavities)	-	In the passenger compartment, left side at front, in driver foot well, behind kick panel, near ground G201	<u>Body Harness - Passenger Compartment - Left Front</u> <u>Instrument Panel Harness Routing</u>	<u>X210 Instrument Panel Harness to Body Harness</u>
X213	Floor Console Harness USB to Instrument Panel Harness USB (1 cavity)	USR/MCR	In the passenger compartment, near center, underneath floor console, near transmission shift lever	<u>Instrument Panel Harness Routing</u>	<u>X213 Floor Console Harness to Instrument Panel Harness</u>
X214	Instrument Panel Harness LVDS to Floor Console Harness LVDS (1 cavity)	UWG	In the passenger compartment, near center, underneath floor console, near transmission shift lever	-	<u>X214 Floor Console Harness to Instrument Panel Harness (UWG)</u>

Code	Name	Option	Location	Locator View	Connector End View
X215	Headliner Harness to Instrument Panel Harness (10 cavities)	-	In the passenger compartment, right front, behind headliner, near top of a-pillar	• <u>Headliner Harness Routing</u> • <u>Instrument Panel Harness Routing</u>	<u>X215 Headliner Harness to Instrument Panel Harness</u>
X216	Headliner Harness to Instrument Panel Harness (6 cavities)	UE1/UE3	In the passenger compartment, right front, behind headliner, near top of a-pillar	• <u>Instrument Panel Harness Routing</u> • <u>Headliner Harness Routing</u>	<u>X216 Headliner Harness to Instrument Panel Harness</u>
X218	Body Harness COAX to Instrument Panel Harness COAX (1 cavity)	IO6+(CW2/CV4)	In the passenger compartment, right side at front, in passenger foot well, behind kick panel, attached to inline connector X220	• <u>Instrument Panel Harness Routing</u> • <u>Body Harness - Passenger Compartment - Right Front</u>	<u>X218 Body COAX Harness to Instrument Panel COAX Harness (IO6-UE1)</u>
X219	Rain Sensor Jumper Harness to Body Harness (3 cavities)	-	In the passenger compartment, near the inside rearview mirror	-	<u>X219 Rain Sensor Jumper Harness to Body Harness</u>
X220	Instrument Panel Harness to Body Harness (102 cavities)	-	In the passenger compartment, right side at front, in passenger foot well, behind kick panel	• <u>Instrument Panel Harness Routing</u> • <u>Body Harness - Passenger Compartment - Right Front</u>	<u>X220 Instrument Panel Harness to Body Harness</u>
X221	Instrument Panel Harness LVDS to Body Harness LVDS (1 cavity)	UV3	In the passenger compartment, right side at front, in passenger foot well, behind kick panel, attached to inline connector X220	• <u>Instrument Panel Harness Routing</u> • <u>Body Harness - Passenger Compartment - Right Front</u>	<u>X221 Instrument Panel LVDS Harness to Body LVDS Harness (UV3)</u>
X222	Body Harness COAX to Instrument Panel Harness COAX (1 cavity)	-	In the passenger compartment, right side at front, in passenger foot well, behind kick panel, attached to inline connector X220	• <u>Instrument Panel Harness Routing</u> • <u>Body Harness - Passenger Compartment - Right Front</u>	<u>X222 Body COAX Harness to Instrument Panel COAX Harness (UE1)</u>
X230	Body Harness COAX to Instrument Panel Harness COAX (2 cavities)	CW1	In the passenger compartment, right side at front, in passenger foot well, behind kick panel, attached to inline connector X220	• <u>Instrument Panel Harness Routing</u> • <u>Body Harness - Passenger Compartment - Right Front</u>	<u>X230 Instrument Panel COAX Harness to Body COAX Harness (CW1)</u>
X235	Instrument Panel Harness to Instrument Panel Harness (8 cavities)	-	In the passenger compartment, right front, near instrument panel compartment	-	<u>X235 Instrument Panel Harness to Instrument Panel Harness</u>
X262	Body Harness USB/LVDS to Floor Console Harness USB/LVDS (2 cavities)	UWG	In the passenger compartment, center, underneath floor console	<u>Body Harness - Passenger Compartment - Right Front</u>	<u>X262 Floor Console USB Harness to Body USB Harness (UWG)</u>
X290	Instrument Panel Harness to HVAC Harness (14 cavities)	-	In the passenger compartment, right front, behind instrument panel, near telematics communication interface control module/navigation control module	<u>Instrument Panel Harness Routing</u>	<u>X290 Instrument Panel Harness to HVAC Harness</u>

Code	Name	Option	Location	Locator View	Connector End View
X300	Instrument Panel Harness to Floor Console Harness (20 cavities)	-	In the passenger compartment, center, underneath floor console, near transmission shift lever	<u>Instrument Panel Harness Routing</u>	<u>X300 Instrument Panel Harness to Floor Console Harness</u>
X305	Body Harness to Left Front Audio Amplifier Harness (6 cavities)	UQH	In the passenger compartment, left front, behind kick panel, attached to front of left subwoofer speaker	<u>Body Harness - Passenger Compartment - Left Front</u>	<u>X305 Body Harness to Left Front Audio Amplifier Harness (UQH)</u>
X306	Body Harness to Right Front Audio Amplifier Harness (6 cavities)	UQH	In the passenger compartment, right front, behind kick panel, attached to front of right subwoofer speaker	<u>Body Harness - Passenger Compartment - Right Front</u>	<u>X306 Body Harness to Right Front Audio Amplifier Harness (UQH)</u>
X310	Driver Seat Harness to Body Harness (48 cavities)	-	In the passenger compartment, left middle, underneath rear of driver seat	<u>Body Harness - Passenger Compartment - Left Front</u>	<u>X310 Driver Seat Harness to Body Harness</u>
X315	Driver Seat Back Harness to Driver Seat Harness (40 cavities)	-	In the passenger compartment, left middle, in driver seat	-	<u>X315 Driver Seat Back Harness to Driver Seat Harness</u>
X320	Passenger Seat Harness to Body Harness (48 cavities)	-	In the passenger compartment, right middle, underneath rear of passenger seat	<u>Body Harness - Passenger Compartment - Right Front</u>	<u>X320 Passenger Seat Harness to Body Harness</u>
X323	Left Rear Seat Harness to Body Harness (20 cavities)	AQ9	In the passenger compartment, left rear, underneath rear seat cushion, left side	<u>Body Harness - Passenger Compartment - Left Rear</u>	<u>X323 Left Rear Seat Harness to Body Harness (AQ9)</u>
X324	Right Rear Seat Harness to Body Harness (20 cavities)	AQ9	In the passenger compartment, right rear, underneath rear seat cushion, right side	<u>Body Harness - Passenger Compartment - Right Rear</u>	<u>X324 Right Rear Seat Harness to Body Harness</u>
X325	Passenger Seat Back Harness to Passenger Seat Harness (40 cavities)	-	In the passenger compartment, right middle, in passenger seat	-	<u>X325 Passenger Seatback Harness to Passenger</u>
X331	Body Harness to Rear Axle Harness	NYS	In the vehicle underbody, right rear, in right rear wheel well, behind wheel, most rearward of inline connectors	<u>Rear Axle Harness Routing</u> <u>Body Harness - Right Rear Wheel Well</u>	<u>X331 Body Harness to Rear Axle Harness (NYS)</u>
X336	Body Harness to Floor Console Harness (20 cavities)	-	In the passenger compartment, center, underneath floor console	<u>Body Harness - Passenger Compartment - Right Front</u>	<u>X336 Body Harness to Floor Console Harness</u>
X339	Body Harness to Sunroof Jumper Harness (10 cavities)	C3U	In the passenger harness, behind headliner, near left rear C-pillar	<u>Body Harness - Passenger Compartment - Left Rear</u>	<u>X339 Body Harness to Sunroof Jumper Harness (C3U)</u>
X350	Fuel Tank Harness to Body Harness (12 cavities)	-	In the vehicle underbody, right rear wheel well, forward of wheel	<u>Body Harness - Right Rear Wheel Well</u>	<u>X350 Fuel Tank Harness to Body Harness</u>
X356	Rear Seat Back Harness to Body Harness (20 cavities)	AQ9	In the passenger compartment, left rear, underneath rear seat cushion, left side	<u>Body Harness - Passenger Compartment - Left Rear</u>	<u>X356 Rear Seat Back Harness to Body Harness (-AQ9)</u>
X357	Body Harness to Battery Pack Jumper Harness (12 cavities)	HP9	In the luggage compartment, left side, under rear window shelf	<u>Body Harness - Luggage Compartment - Left</u>	<u>X357 Body Harness to Auxiliary Battery Cable Harness (HP9)</u>
X358	Body Harness to Battery Pack Jumper Harness (12 cavities)	HP9	In the luggage compartment, left side, under rear window shelf	<u>Body Harness - Luggage Compartment - Left</u>	<u>X358 Body Harness to Auxiliary Battery Cable Harness (HP9)</u>

Code	Name	Option	Location	Locator View	Connector End View
X359	Battery Energy Storage Harness to Battery Pack Coolant Temperature Sensor Jumper Harness (2 cavities)	HP9	In the luggage compartment, under the rear window shelf, part of the Hybrid/EV Battery Pack	-	<u>X359 Battery Energy Storage Harness to Battery Pack Coolant Temperature Sensor Jumper Harness (HP9)</u>
X360	Body Harness to Battery Coolant Level Jumper Harness (2 cavities)	HP9	In the luggage compartment, left side, under rear window shelf	<u>Body Harness - Luggage Compartment - Left</u>	<u>X360 Body Harness to Battery Coolant Level Jumper Harness (HP9)</u>
X365	Battery Cable Harness to Battery Contactor Assembly Harness (2 cavities)	HP9	Underneath the vehicle, center, behind the rear suspension, attached to the bottom of the A4 Hybrid/EV Battery Pack	-	<u>X365 High Voltage Battery Cable Harness to High Voltage Battery Cable Harness (HP9)</u>
X366	Battery Cable Harness to Battery Contactor Assembly Harness (2 cavities)	HP9	Underneath the vehicle, center, behind the rear suspension, attached to the bottom of the A4 Hybrid/EV Battery Pack	-	<u>X366 High Voltage Battery Cable Harness to High Voltage Battery Cable Harness (HP9)</u>
X367	Battery Cable Harness to Battery Contactor Assembly Harness (2 cavities)	HP9	Underneath the vehicle, center, behind the rear suspension, attached to the bottom of the A4 Hybrid/EV Battery Pack	-	<u>X367 Battery Contactor Assembly Harness to High Voltage Battery Cable Harness (HP9)</u>
X371	Left Rear Seat Harness to Left Rear Seat Cushion Harness (8 cavities)	AQ9	In the passenger compartment, left rear, underneath rear seat, left side	-	<u>X371 Left Rear Seat Harness to Left Rear Seat Cushion Harness (AQ9)</u>
X372	Right Rear Seat Harness to Right Rear Seat Cushion Harness (8 cavities)	AQ9	In the passenger compartment, right rear, underneath rear seat, right side	-	<u>X372 Right Rear Seat Harness to Right Rear Seat Cushion Harness (AQ9)</u>
X375	Rear Seat Harness to Rear Seat Cushion Harness (8 cavities)	KA6-AQ9	In the passenger compartment, rear, underneath rear seat	-	<u>X375 Left Rear Seat Harness to Rear Seat Cushion Harness (-AQ9)</u>
X376	Rear Seat Armrest Harness to Body Harness (12 cavities)	AQ9	In the passenger compartment, rear, underneath rear seat, center	<u>Body Harness - Passenger Compartment - Right Rear</u>	<u>X376 Rear Seat Armrest Harness to Body Harness (AQ9)</u>
X377	Rear Seat Heating Control Module Harness to Body Harness (20 cavities)	KA6+AQ9	In the passenger compartment, left rear, underneath rear seat cushion, left side	<u>Body Harness - Passenger Compartment - Left Rear</u>	<u>X377 Rear Seat Heating Control Module Harness to Body Harness</u>
X381	Driver Seat Back Harness LVDS to Body Harness LVDS (1 cavity)	UWG	In the passenger compartment, left center, underneath rear of driver seat	• <u>Body Harness - Passenger Compartment - Left Front</u>	<u>X381 Body LVDS Harness to Driver Seat back LVDS Harness (UWG)</u>
X382	Passenger Seat Back Harness LVDS to Body Harness LVDS (1 cavity)	UWG	In the passenger compartment, right center, underneath rear of passenger seat	• <u>Body Harness - Passenger Compartment - Right Front</u>	<u>X382 Body LVDS Harness to Passenger Seatback LVDS Harness (UWG)</u>
X383	Body Harness to Floor Console Harness (20 cavities)	-	In the passenger compartment, center, underneath floor console	• <u>Body Harness - Passenger Compartment - Right Front</u>	<u>X383 Body Harness to Floor Console Harness</u>
X385	Rear Armrest Seat Harness LVDS to Body Harness LVDS (1 cavity)	UWG+AQ9	In the passenger compartment, right rear, underneath rear seat cushion, right side	• <u>Body Harness - Passenger Compartment - Right Rear</u>	<u>X385 Body Harness to Rear Seat Armrest Harness (UWG)</u>
X387	Right Rear Seat Cushion Harness to Body Harness (10 cavities)	-	In the passenger compartment, right rear, underneath rear seat cushion, right side	• <u>Body Harness - Passenger Compartment - Right Rear</u>	<u>X387 Passenger Seat Cushion Harness to Body Harness</u>

Code	Name	Option	Location	Locator View	Connector End View
X389	Body Harness LVDS to Floor Console Harness LVDS (1 cavity)	UWG	In the passenger compartment, center, underneath floor console	Body Harness - Passenger Compartment - Right Front	X389 Body Harness to Floor Console Harness (UWG)
X400	Headliner Harness to Body Harness (20 cavities)	-	In the passenger compartment, right rear, near c-pillar	Body Harness - Passenger Compartment - Right Rear Headliner Harness Routing	X400 Headliner Harness to Body Harness
X401	Body LVDS Harness to Rearview Camera Jumper LVDS Harness	DRZ	In the luggage compartment, right side	-	X401 Body LVDS Harness to Rearview Camera LVDS Harness (DRZ)
X405	Rear Axle Harness to Body Harness (16 cavities)	-	In the vehicle underbody, right rear, in right rear wheel well, behind wheel, rear of inline connector X900	Rear Axle Harness Routing Body Harness - Right Rear Wheel Well	X405 Body Harness to Rear Axle Harness (HP9) X405 Rear Axle Harness to Body Harness (KL9)
X409	Body Harness to Rear Fascia Harness (12 cavities)	TC2+UFQ	Outside of the vehicle, left rear, mounted to back of rear fascia, above bumper, left side	Body Harness - Rear of Vehicle and Trunk Lid Rear Fascia Harness Routing	X409 Body Harness to Rear Fascia Harness
X415	Body Harness to Rear Fascia Harness (20 cavities)	-	Outside of the vehicle, right rear, mounted to back of rear fascia, above bumper, right of center	Rear Fascia Harness Routing Body Harness - Rear of Vehicle and Trunk Lid	X415 Body Harness to Rear Fascia Harness
X416	Rear Fascia Harness to Back Up Lamp Harness (3 cavities)	-	Outside of the vehicle, right rear, mounted to back of rear fascia, above bumper, right of center	-	X416 Rear Fascia Harness to Back Up Lamp Harness (T79) X416 Rear Fascia Harness to Back Up Lamp Harness (-T79)
X422	Rear Window Sunshade Jumper Harness to Body Harness (4 cavities)	DB3	In the passenger compartment, right rear, near c-pillar	Body Harness - Passenger Compartment - Right Rear	X422 Rear Window Sunshade Jumper Harness to Body Harness (DB3)
X440	Body Harness to Rear HVAC Harness (6 cavities)	C24	In the luggage compartment, left side, near auxiliary blower motor control module	Body Harness - Luggage Compartment - Left	X440 Body Harness to HVAC Harness
X500	Driver Door Harness to Body Harness (48 cavities)	-	In the driver door jamb, front, mounted to body	Body Harness - Passenger Compartment - Left Front Front Door Harnesses	X500 Driver Door Harness to Body Harness
X505	Driver Door Harness to Driver Door Trim Harness (16 cavities)	-	In the driver door, forward, near top, next to X506	Front Door Trim Harnesses Front Door Harnesses	X505 Driver Door Harness to Driver Door Trim Harness
X506	Driver Door Harness to Driver Door Trim Harness (16 cavities)	-	In the driver door, forward, near top, next to X505	Front Door Trim Harnesses Front Door Harnesses	X506 Driver Door Harness to Driver Door Trim Harness

Code	Name	Option	Location	Locator View	Connector End View
X510	Driver Door Harness to Driver Outside Rearview Mirror Harness (22 cavities)	-	On driver door, at front, forward of window opening, at mirror assembly	<u>Front Door Harnesses</u>	<u>X510 Driver Door Harness to Driver Outside Rearview Mirror Harness</u>
X600	Passenger Door Harness to Body Harness (48 cavities)	-	In the passenger door jamb, front, mounted to body	<u>Body Harness - Passenger Compartment - Right Front</u> <u>Front Door Harnesses</u>	<u>X600 Passenger Door Harness to Body Harness</u>
X605	Passenger Door Harness to Passenger Door Trim Harness (16 cavities)	-	In the passenger door, forward, near top, next to X606	<u>Front Door Harnesses</u> <u>Front Door Trim Harnesses</u>	<u>X605 Passenger Door Harness to Passenger Door Trim Harness</u>
X606	Passenger Door Harness to Passenger Door Trim Harness (16 cavities)	-	In the passenger door, forward, near top, next to X605	<u>Front Door Harnesses</u> <u>Front Door Trim Harnesses</u>	<u>X606 Passenger Door Harness to Passenger Door Trim Harness</u>
X610	Passenger Door Harness to Passenger Outside Rearview Mirror Harness (22 cavities)	-	On passenger door, at front, forward of window opening, at mirror assembly	<u>Front Door Harnesses</u>	<u>X610 Passenger Door Harness to Passenger Outside Rearview Mirror Harness</u>
X700	Left Rear Door Harness to Body Harness (26 cavities)	-	In the left rear door jamb, front, mounted to body, between hinges	<u>Rear Door Harnesses</u> <u>Body Harness - Passenger Compartment - Left Front</u>	<u>X700 Left Rear Door Harness to Body Harness</u>
X705	Left Rear Door Harness to Left Rear Door Trim Harness (16 cavities)	-	In the left rear door, mounted to the back side of door trim, towards rear of vehicle	<u>Rear Door Harnesses</u> <u>Rear Door Trim Harnesses</u>	<u>X705 Left Rear Door Harness to Left Rear Door Trim Harness</u>
X800	Right Rear Door Harness to Body Harness (26 cavities)	-	In the right rear door jamb, front, mounted to body, between hinges	<u>Body Harness - Passenger Compartment - Right Front</u> <u>Rear Door Harnesses</u>	<u>X800 Right Rear Door Harness to Body Harness</u>
X805	Right Rear Door Harness to Right Rear Door Trim Harness (16 cavities)	-	In the right rear door, mounted to the back side of door trim, towards rear of vehicle	<u>Rear Door Harnesses</u> <u>Rear Door Trim Harnesses</u>	<u>X805 Right Rear Door Harness to Right Rear Door Trim Harness</u>
X900	Body Harness to Rear Axle Harness (4 cavities)	NYS	In the vehicle underbody, right rear, in right rear wheel well, behind wheel	<u>Rear Axle Harness Routing</u> <u>Body Harness - Right Rear Wheel Well</u>	<u>X900 Body Harness to Rear Axle Harness (NYS)</u>
G100	Battery Harness	-	At right front of vehicle, in engine compartment, on left front side of engine	-	-
G101	Forward Lamp Harness	-	In the vehicle underbody, left front wheel well, forward of wheel, mounted to outside of frame, bottom of ground bar	<u>G101, G107 and G108</u>	-
G102	Forward Lamp Harness	-	In the vehicle underbody, right front wheel well, forward of wheel, mounted to outside of frame, top of ground bar	<u>G102 and G103</u>	-

Code	Name	Option	Location	Locator View	Connector End View
G103	Battery Harness	-	In the vehicle underbody, right front wheel well, forward of wheel, mounted to outside of frame, bottom of ground bar	<u>G102 and G103</u>	-
G104	Engine Harness	-	(LGW) In the engine compartment, right center, mounted to right side of bank 1 cylinder head, above exhaust manifold, center, forward of ground G109 (LGX) In the engine compartment, right center, mounted to right side of bank 1 cylinder head, above alternator	<u>G104 and G109 (LGW)</u> <u>G104 and G109 (LGX)</u>	-
G105	Body Harness	-	In the engine compartment, left center, mounted to the back of the left front strut tower	<u>G105</u>	-
G106	Engine Harness	-	(LGW/LGX) In the engine compartment, left rear, mounted to left side of bank 2 cylinder head, towards rear (LTG) In the engine compartment, left front, mounted to the front of cylinder head, left side	<u>G106 (LGW)</u> <u>G106 (LGX)</u> <u>G106 (LTG)</u>	-
G107	Engine Harness	-	In the vehicle underbody, left front wheel well, forward of wheel, mounted to outside of frame, top of ground bar	<u>G101, G107 and G108</u>	-
G108	Forward Lamp Harness	UGN	In the vehicle underbody, left front wheel well, forward of wheel, mounted to outside of frame, middle of ground bar	<u>G101, G107 and G108</u>	-
G109	Engine Harness	-	(LGW) In the engine compartment, right center, mounted to right side of bank 1 cylinder head, above exhaust manifold, center, rearward of ground G104 (LGX) In the engine compartment, right center, mounted to side of bank 1 cylinder head, above center of exhaust manifold	<u>G104 and G109 (LGW)</u> <u>G104 and G109 (LGX)</u>	-

Code	Name	Option	Location	Locator View	Connector End View
G110	Engine Harness	LTG	In the engine compartment, right center, mounted to right side of engine block, between generator and starter, near oil pan	<u>G110 (LTG)</u>	-
G111	Engine Harness	F46	In the engine compartment, right center, mounted to the back of the right front strut tower	<u>G111</u>	-
G201	Instrument Panel Harness	-	In the passenger compartment, left front, behind left front kick panel, mounted to ground bar, forward of ground G301	<u>G201 and G301</u>	-
G202	Instrument Panel Harness	-	In the passenger compartment, right front, behind right front kick panel, mounted to ground bar, closest to bulkhead	<u>G202, G207 and G302</u>	-
G205	Instrument Panel Harness	-	In the passenger compartment, center front, beneath center console	<u>G205</u>	-
G207	Instrument Panel Harness	-	In the passenger compartment, right front, behind right front kick panel, mounted to ground bar, furthest from bulkhead	<u>G202, G207 and G302</u>	-
G301	Body Harness	-	In the passenger compartment, left front, behind left front kick panel, mounted to ground bar, rearward of ground G201	<u>G201 and G301</u>	-
G302	Body Harness	-	In the passenger compartment, right front, behind right front kick panel, mounted to the middle of ground bar	<u>G202, G207 and G302</u>	-
G303	Body Harness	-	In the passenger compartment, left rear, behind driver seat, mounted to ground bar on the floor	<u>G303 and G305</u>	-
G304	Body Harness	-	In the passenger compartment, right rear, behind passenger seat, mounted to ground bar on the floor	<u>G304</u>	-
G305	Body Harness	-	In the passenger compartment, left rear, behind driver seat, mounted to ground bar on the floor	<u>G303 and G305</u>	-
G400	Battery Harness	-	Left rear of vehicle, inside of luggage compartment, near battery	-	-
G401	Body Harness	-	In the luggage compartment, left rear, mounted to ground bar on left side of battery well, towards rear	<u>G401</u>	-
G402	Body Harness	-	In the luggage compartment, right rear, mounted to ground bar on right side of battery well, forward of ground G404	<u>G402 and G404</u>	-
G403	Body Harness	HP9	In the luggage compartment, left rear, mounted to ground bar on left side of battery well, rearward of G401	-	-

Code	Name	Option	Location	Locator View	Connector End View
G404	Body Harness	-	In the luggage compartment, right rear, mounted to ground bar on right side of battery well, rearward of ground G402	<u>G402 and G404</u>	-
G408	Hybrid/EV Battery Pack Ground Strap	HP9	In the luggage compartment, near Hybrid/EV Battery Pack	-	-
G409	Hybrid/EV Battery Pack Ground Strap	HP9	In the luggage compartment, near Hybrid/EV Battery Pack	-	-
J100	Front Fascia Harness	-	At the front of vehicle, right side, approximately 28 cm (11 in) from breakout to right middle front object sensor, towards right	<u>Front Fascia Harness Routing</u>	-
J102	Front Fascia Harness	-	At the front of vehicle, right side, approximately 16 cm (6.3 in) from breakout to right middle front object sensor, towards right	<u>Front Fascia Harness Routing</u>	-
J104	Front Fascia Harness	-	At the front of vehicle, right side, approximately 4 cm (1.6 in) from breakout to right middle front object sensor, towards right	<u>Front Fascia Harness Routing</u>	-
J106	Front Fascia Harness	-	At the front of vehicle, near center, approximately 18 cm (7.1 in) from breakout to right middle front object sensor, towards left	<u>Front Fascia Harness Routing</u>	-
J108	Front Fascia Harness	-	At the front of vehicle, near center, approximately 18 cm (7.1 in) from breakout to left middle front object sensor, towards right	<u>Front Fascia Harness Routing</u>	-
J110	Left Headlamp Harness	-	At the front of the vehicle, left front, inside of left headlamp assembly	-	-
J111	Left Headlamp Harness	-	At the front of the vehicle, left front, inside of left headlamp assembly	-	-
J112	Left Headlamp Harness	-	At the front of the vehicle, left front, inside of left headlamp assembly	-	-
J113	Right Headlamp Harness	-	At the front of the vehicle, right front, inside of right headlamp assembly	-	-
J121	Right Headlamp Harness	-	At the front of the vehicle, right front, inside of right headlamp assembly	-	-
J122	Right Headlamp Harness	-	At the front of the vehicle, right front, inside of right headlamp assembly	-	-
J130	Forward Lamp Harness	UGN	At the front of vehicle, right side, approximately 4 cm (1.6 in) from breakout to horn assembly, towards front of vehicle	<u>Forward Lamp Harness Routing</u>	-
J131	Engine Harness	HP9	In the engine compartment, right front, approximately 9 cm (3.5 in) to branch to engine control module connectors, towards front of vehicle	-	-

Code	Name	Option	Location	Locator View	Connector End View
J132	Forward Lamp Harness	-	At the front of vehicle, right side, approximately 4 cm (1.6 in) from breakout to horn assembly, towards front of vehicle	Forward Lamp Harness Routing	-
J134	Forward Lamp Harness	-	At the front of vehicle, near center, in front of radiator core support, approximately 18 cm (7.1 in) from breakout to the active grille air shutter actuator, towards left	Forward Lamp Harness Routing	-
J136	Forward Lamp Harness	-	In the vehicle underbody, left front wheel well, approximately 13 cm (5.1 in) from breakout to Ground G108, towards ground G108	Forward Lamp Harness Routing	-
J150	Engine Harness	-	(LGW) In the engine compartment, left front, approximately 24 cm (9.4 in) from breakout to ground G107, towards right side of vehicle (LGX) In the engine compartment, left front, approximately 10 cm (3.9 in) from breakout to ground G107, towards inline connector X150	Engine Harness Routing - Left Front (LGX) Engine Harness Routing - Left Front (LGW)	-
J152	Engine Harness	LGW	In the engine compartment, left front, approximately 13 cm (5.1 in) from the breakout to charge air cooler coolant pump, towards the breakout to the battery current sensor	Engine Harness Routing - Left Front (LGW)	-
J154	Engine Harness	LGW	In the engine compartment, front and center, 28 cm (11 in) from breakout to charge air cooler coolant pump, towards right side of vehicle	Engine Harness Routing - Left Front (LGW)	-
J155	Engine Harness	LTG+HP9	In the engine compartment, right side, approximately 30 cm (11.5 in) from breakout to inline connector X128, towards right side of vehicle	Engine Harness Routing - Left Front (LTG with HP9)	-

Code	Name	Option	Location	Locator View	Connector End View
J156	Engine Harness	-	• (LGW) In the engine compartment, front and center, 9 cm (3.5 in) from breakout to engine control module, towards the left side of vehicle • (LGX) In the engine compartment, left front, approximately 16 cm (6.3 in) from breakout to engine control module, towards front of vehicle • (LTG+HP9) In the engine compartment, front center, approximately 53 cm (20.9 in) from breakout to auxiliary heater coolant pump, towards right side of vehicle • (LTG+KL9) In the engine compartment, front center, approximately 44 cm (17.3 in) from breakout to power steering control module, to the right	• Engine Harness Routing - Left Front (LGW) • Engine Harness Routing - Right Rear (LGX) • Engine Harness Routing - Left Front (LTG with KL9) • Engine Harness Routing - Left Front (LTG with HP9)	-
J157	Engine Harness	LTG+HP9	In the engine compartment, right side, approximately 4 cm (1.6 in) from breakout to power inverter module, towards front of vehicle	Engine Harness Routing - Left Front (LTG with HP9)	-
J158	Engine Harness	-	• (LGW) In the engine compartment, left front, approximately 6 cm (2.4 in) from breakout to engine control module, towards front of vehicle • (LGX) In the engine compartment, left front, approximately 34 cm (13.4 in) from breakout to engine control module connector X1, towards front • (LTG) In the engine compartment, right front, approximately 22 cm (8.7 in) from breakout to the engine control module X1, towards the hood of vehicle	• Engine Harness Routing - Left Front (LTG with KL9) • Engine Harness Routing - Left Front (LGW) • Engine Harness Routing - Right Rear (LGX)	-

Code	Name	Option	Location	Locator View	Connector End View
J170	Engine Harness	-	• (LGW) In the engine compartment, right front, between breakouts to engine control module connectors X1/X2 and engine Control Module connectors X3/X4 • (LGX) In the engine compartment, left front, approximately 22 cm (8.7 in) from breakout to engine control module, towards front of vehicle • (LTG) In the engine compartment, front center, approximately 29 cm (11.4 in) from breakout to power steering control module, to the right	• Engine Harness Routing - Left Front (LGW) • Engine Harness Routing - Left Front (LTG with KL9) • Engine Harness Routing - Right Rear (LGX)	-
J172	Engine Harness	-	• (LGW) In the engine compartment, right front, approximately 18 cm (7.1 in) from breakout to engine control module connectors X3 and X4, towards breakout to inline connector X128 • (LTG+HP9) In the engine compartment, front center, approximately 9 cm (3.5 in) from breakout to multifunction intake air sensor, towards right side of vehicle • (LTG+KL9) In the engine compartment, right front, approximately 7 cm (2.8 in) from breakout to the engine control module X1, towards the hood of vehicle	• Engine Harness Routing - Left Front (LGW) • Engine Harness Routing - Left Front (LTG with HP9) • Engine Harness Routing - Left Front (LTG with KL9)	-

Code	Name	Option	Location	Locator View	Connector End View
J174	Engine Harness	-	(LGW) In the engine compartment, left front, approximately 4 cm (1.6 in) from breakout to multifunction intake air sensor, towards breakout to bank 2 intake camshaft position actuator solenoid valve (LGX) In the engine compartment, left front, approximately 38 cm (15 in) from breakout towards engine control module, towards front	Engine Harness Routing - Left Front (LGW) Engine Harness Routing - Right Rear (LGX)	-
J175	Engine Harness	-	(LGW) In the engine compartment, left side of engine, between breakouts to ignition coil 4 and ignition coil 6 (LGX) In the engine compartment, left side of engine, between breakouts to ignition coil 4 and ignition coil 6	Engine Harness Routing - Left Front (LGX) Engine Harness Routing - Left Front (LGW)	-
J176	Engine Harness	-	(LGW) In the engine compartment, front right of engine, approximately 4 cm (1.6 in) from breakout to bank 1 exhaust camshaft position actuator solenoid valve, towards the right (LGX) In the engine compartment, right side, between breakout to ignition coil 3 and ignition coil 5 (LTG+HP9) In the engine compartment, right front, approximately 5 cm (2 in) from breakout to ignition coil 1, towards front of vehicle (LTG+KL9) In the engine compartment, right front, approximately 7 cm (2.8 in) from breakout in front of cam cover, towards the right side	Engine Harness Routing - Left Front (LTG with KL9) Engine Harness Routing - Right Rear (LGX) Engine Harness Routing - Right Rear (LGW) Engine Harness Routing - Left Front (LTG with HP9)	-

Code	Name	Option	Location	Locator View	Connector End View
J177	Engine Harness	-	• (LTG+HP9) In the engine compartment, front center, approximately 21 cm (8.3 in) from breakout to multifunction intake air sensor, towards right side of vehicle • (LTG+KL9) In the engine compartment, front center, approximately 15 cm (5.9 in) from breakout to the multifunction intake air sensor, to the right	• Engine Harness Routing - Left Front (LTG with KL9) • Engine Harness Routing - Left Front (LTG with HP9)	-
J178	Engine Harness	-	• (LGW) In the engine compartment, right of center, approximately 33 cm (13 in) from breakout to ground G111, towards the rear of vehicle • (LGX) In the engine compartment, right of center, approximately 33 cm (13 in) from breakout to ground G111, towards the rear of vehicle • (LTG) In the engine compartment, right front, approximately 27 cm (10.6 in) from breakout to the engine control module X1, towards the hood of vehicle	• Engine Harness Routing - Left Front (LTG with KL9) • Engine Harness Routing - Left Front (LGX) • Engine Harness Routing - Right Rear (LGW)	-
J180	Engine Harness	-	• (LGW) In the engine compartment, right side, between breakouts to ignition coils 1 and 3 • (LGX) In the engine compartment, right side, between breakout to ignition coil 3 and ignition coil 5 • (LTG) In the engine compartment, right side, between breakouts to ignition coils 1 and 2	• Engine Harness Routing - Right Rear (LTG with KL9) • Engine Harness Routing - Right Rear (LGX) • Engine Harness Routing - Left Front (LTG with HP9) • Engine Harness Routing - Right Rear (LGW)	-
J181	Transmission Harness	-	In the vehicle underbody, inside of the automatic transmission assembly	-	-

Code	Name	Option	Location	Locator View	Connector End View
J182	Engine Harness	-	• (LGW) In the engine compartment, right of center, near the rear of the engine, approximately 6 cm (2.4 in) from breakout to ignition coil 5, towards the rear of vehicle • (LGX) In the engine compartment, right rear, above transmission bell housing, approximately 18 cm (7.1 in) from breakout to bank 1 sensor 2 heated oxygen sensor, towards the right side of vehicle • (LTG) In the engine compartment, right front, approximately 5 cm (2 in) from breakout to engine control module, towards rear of vehicle	• Engine Harness Routing - Right Rear (LGX) • Engine Harness Routing - Right Rear (LGW) • Engine Harness Routing - Left Front (LTG with KL9)	-
J183	Transmission Control Harness	-	In the vehicle underbody, inside of the automatic transmission assembly	-	-
J184	Engine Harness	-	• (LGW) In the engine compartment, right of center, approximately 28 cm (11 in) from breakout to ground G111, towards the rear of vehicle • (LGX) In the engine compartment, right of center, approximately 28 cm (11 in) from breakout to ground G111, towards the rear of vehicle	• Engine Harness Routing - Left Front (LGX) • Engine Harness Routing - Right Rear (LGW)	-
J185	Transmission Control Harness	-	In the vehicle underbody, inside of the automatic transmission assembly	-	-

Code	Name	Option	Location	Locator View	Connector End View
J186	Engine Harness	-	(LGW) In vehicle underbody, left side of transmission, approximately 12 cm (4.7 in) from breakout to transfer case fluid temperature sensor and transfer case motor, towards front of vehicle (LGX) In vehicle underbody, left side of transmission, approximately 13 cm (5.1 in) from breakout to transfer case motor and transfer case fluid temperature sensor, towards the front of the vehicle (LTG) In the engine compartment, right front, approximately 30 cm (11.9 in) from breakout to transmission control module, towards transmission control module	Engine Harness Routing - Left Front (LTG with KL9) Engine Harness Routing - Right Rear (LGX) Engine Harness Routing - Left Front (LGX) Engine Harness Routing - Left Front (LGW)	-
J188	Engine Harness	-	(LGW) In vehicle underbody near the back of the transmission oil pan, center, approximately 40 cm (15.8 in) from X175 (LGX) in vehicle underbody, near the back of the transmission oil pan, center, approximately 11 cm (4.3 in) from breakout to inline connector X175, towards inline connector X175 (LTG) In the engine compartment, right front, approximately 41 cm (16.1 in) from breakout to transmission control module, towards transmission control module	Engine Harness Routing - Right Rear (LGW) Engine Harness Routing - Right Rear (LGX) Engine Harness Routing - Left Front (LTG with KL9)	-
J189	Power Module Jumper Harness	HP9	-	-	-
J190	Power Module Jumper Harness	HP9	-	-	-
J195	Body Harness	F45	In the engine compartment, left front, approximately 5 cm (2 in) from breakout to inline connector X150, towards inline connector X150	Body Harness - Engine Compartment (KL9)	-

Code	Name	Option	Location	Locator View	Connector End View
J197	Body Harness	-	(HP9) In the engine compartment, left side, in cable channel, approximately 7 cm (2.8 in) from breakout to ground G105, towards rear of vehicle (KL9) In the engine compartment, left side, approximately 8 cm (3.1 in) from breakout to ground G105, towards the rear of the vehicle	<u>Body Harness - Engine Compartment (KL9)</u> <u>Body Harness - Engine Compartment (HP9)</u>	-
J199	Body Harness	-	(HP9) In the engine compartment, left rear, approximately 38 cm (15 in) from breakout to windshield wiper motor, towards windshield wiper motor (KL9) In the engine compartment, left side, approximately 6 cm (2.4 in) from breakout to the windshield wiper motor, towards the left side	<u>Body Harness - Engine Compartment (KL9)</u> <u>Body Harness - Engine Compartment (HP9)</u>	-
J200	Body Harness	TR7+UHX+UGN	In the passenger compartment, left front, driver kick panel, approximately 13 cm (5.1 in) from grommet in bulkhead	<u>Body Harness - Passenger Compartment - Left Front</u>	-
J201	Body Harness	-	(HP9) In the passenger compartment, right rear, near right rear door sill, approximately 14 cm (5.5 in) from breakout to ground G304, towards rear of vehicle (KL9) In the passenger compartment, left front, behind kick panel, approximately 35 cm (13.8 in) from breakout to ground G301, towards front of vehicle	<u>Body Harness - Passenger Compartment - Left Front</u>	-
J202	Body Harness	TR7+UHX+UGN	In the passenger compartment, left front, behind kick panel, approximately 6 cm (2.4 in) from branch to body control module, towards the floorboard	<u>Body Harness - Passenger Compartment - Left Front</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J203	Body Harness	-	(HP9+(DNP/DWR)) In the passenger compartment, right front, within cable channel, approximately 20 cm (8 in) from rear seat back, towards rear of vehicle (KL9+(DNP/DWR)) In the passenger compartment, left front, behind kick panel, approximately 28 cm (11 in) from breakout to ground G301, towards front of vehicle	<u>Body Harness - Passenger Compartment - Left Front</u>	-
J204	Body Harness	UQH	In the passenger compartment, left front, behind instrument panel, near bulkhead, approximately 9 cm (3.5 in) from breakout to inline connector X500, towards the a-pillar	<u>Body Harness - Passenger Compartment - Left Front</u>	-
J206	Body Harness	TR7+UHX+UGN	In the passenger compartment, left front, behind instrument panel, near bulkhead, approximately 6 cm (2.4 in) from breakout to inline connector X500, towards the a-pillar	<u>Body Harness - Passenger Compartment - Left Front</u>	-
J208	Body Harness	UQH	In the passenger compartment, left front, behind instrument panel, near bulkhead, approximately 5 cm (2 in) from breakout to inline connector X500, towards the a-pillar	<u>Body Harness - Passenger Compartment - Left Front</u>	-
J210	Body Harness	TR7+(UHX-UGN)	In the passenger compartment, left front, behind driver kick panel, approximately 7 cm (2.8 in) from breakout to headlamp control module, towards headlamp control module	<u>Body Harness - Passenger Compartment - Left Front</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J230	Instrument Panel Harness	-	• (UGN+UV3) In the passenger compartment, front left of center, within the instrument panel, approximately 4 cm (1.6 in) from breakout to body control module connectors, brake pedal position sensor, etc, towards the top of the instrument panel • (UGN-UV3) In the passenger compartment, left front, near driver door sill, approximately 19 cm (7.5 in) from breakout to ground G301, towards rear of vehicle	• <u>Body Harness - Passenger Compartment - Left Front</u> • <u>Instrument Panel Harness Routing</u>	-
J234	Body Harness	-	• (HP9+UGN) In the passenger compartment, left side, near B-pillar, approximately 27 cm (10.6 in) from breakout to inline connector X310, towards front of vehicle • (KL9+UGN) In the passenger compartment, front left of center, within the instrument panel, approximately 6 cm (9.8 in) from breakout to body control module connectors, brake pedal position sensor, etc, towards the top of the instrument panel	• <u>Body Harness - Passenger Compartment - Left Front</u> • <u>Instrument Panel Harness Routing</u>	-
J238	Instrument Panel Harness	-	In the passenger compartment, front left of center, within the instrument panel, in formed conduit behind instrument cluster, approximately 5 cm (2 in) from branch to the instrument cluster, towards the center	<u>Instrument Panel Harness Routing</u>	-
J239	Instrument Panel Harness	-	In the passenger compartment, front left of center, within the instrument panel, in formed conduit behind instrument cluster, approximately 6 cm (2.4 in) from branch to left instrument panel speaker, towards the center	<u>Instrument Panel Harness Routing</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J240	Instrument Panel Harness	KA6	In the passenger compartment, front left of center, within the instrument panel, in formed conduit behind instrument cluster, approximately 5 cm (2 in) from branch to left instrument panel speaker, towards the center	<u>Instrument Panel Harness Routing</u>	-
J241	Instrument Panel Harness	-	In the passenger compartment, front left of center, within the instrument panel, in formed conduit behind instrument cluster, approximately 4 cm (1.6 in) from branch to the instrument cluster, towards the center	<u>Instrument Panel Harness Routing</u>	-
J242	Instrument Panel Harness	-	In the passenger compartment, front left of center, within the instrument panel, in formed conduit behind instrument cluster, approximately 7 cm (2.8 in) from branch to the instrument cluster, towards the center	<u>Instrument Panel Harness Routing</u>	-
J244	Instrument Panel Harness	-	In the passenger compartment, front, near center, within the instrument panel, in formed conduit, approximately 6 cm (2.4 in) from branch to the head up display, towards the center	<u>Instrument Panel Harness Routing</u>	-
J246	Instrument Panel Harness	-	In the passenger compartment, front, near center, within the instrument panel, in formed conduit, approximately 9 cm (3.5 in) from breakout to ambient light/sunload sensor, towards left side of vehicle	<u>Instrument Panel Harness Routing</u>	-
J248	Instrument Panel Harness	-	In the passenger compartment, front, near center, within the instrument panel, in formed conduit, approximately 8 cm (3.1 in) from breakout to ambient light/sunload sensor, towards left side of vehicle	<u>Instrument Panel Harness Routing</u>	-
J249	Instrument Panel Harness	HP9	In the passenger compartment, front, near center, within the instrument panel, approximately 12 cm (4.7 in) from breakout ambient light/sunload sensor, towards right side of vehicle	<u>Instrument Panel Harness Routing</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J250	Instrument Panel Harness	-	In the passenger compartment, front, near center, within the instrument panel, approximately 9 cm (3.5 in) from breakout to ambient light/sunload sensor, towards the right side of vehicle	<u>Instrument Panel Harness Routing</u>	-
J251	Instrument Panel Harness	HP9	In the passenger compartment, front, near center, within the instrument panel, approximately 11 cm (4.3 in) from breakout to battery state of charge indicator, towards right side of vehicle	<u>Instrument Panel Harness Routing</u>	-
J252	Instrument Panel Harness	-	In the passenger compartment, front, near center, within the instrument panel, approximately 25 cm (9.8 in) from breakout ambient light/sunload sensor, towards right side of vehicle	<u>Instrument Panel Harness Routing</u>	-
J254	Instrument Panel Harness	-	In the passenger compartment, front, near center, within the instrument panel, approximately 26 cm (10.2 in) from breakout ambient light/sunload sensor, towards right side of vehicle	<u>Instrument Panel Harness Routing</u>	-
J256	Instrument Panel Harness	KI6/KI7	In the passenger compartment, front right, within the instrument panel, approximately 27 cm (10.6 in) from branch to right instrument panel speaker, towards left side of vehicle	<u>Instrument Panel Harness Routing</u>	-
J258	Instrument Panel Harness	C24+KEM	In the passenger compartment, front right, within the instrument panel, approximately 21 cm (8.3 in) from branch to right instrument panel speaker, towards left side of vehicle	<u>Instrument Panel Harness Routing</u>	-
J260	Instrument Panel Harness	-	In the passenger compartment, left front, within the instrument panel, approximately 5 cm (2 in) from branch to steering column, towards the floor	<u>Instrument Panel Harness Routing</u>	-
J262	Instrument Panel Harness	-	In the passenger compartment, front near center, within the instrument panel, approximately 5 cm (2 in) from branch to floor console, in looped section of harness	<u>Instrument Panel Harness Routing</u>	-
J264	Instrument Panel Harness	-	In the passenger compartment, right front, in formed conduit, approximately 4 cm (1.6 in) from branch towards the instrument panel compartment, towards the top of the instrument panel	<u>Instrument Panel Harness Routing</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J265	Instrument Panel Harness	-	In the passenger compartment, right front, in formed conduit, approximately 6 cm (2.4 in) from branch towards the instrument panel compartment, towards the top of the instrument panel	<u>Instrument Panel Harness Routing</u>	-
J266	Instrument Panel Harness	-	In the passenger compartment, right front, in formed conduit, approximately 5 cm (2 in) from branch towards the instrument panel compartment, towards the top of the instrument panel	<u>Instrument Panel Harness Routing</u>	-
J270	Steering Wheel Harness	-	In the passenger compartment, left front, inside of steering wheel	-	-
J271	Steering Wheel Heating Control Module Pigtail Harness	UVD	In the passenger compartment, left front, within steering wheel	-	-
J280	HVAC Harness	-	In the passenger compartment, right front, inside of HVAC harness attached to HVAC assembly	-	-
J281	HVAC Harness	-	In the passenger compartment, right front, inside of HVAC harness attached to HVAC assembly	-	-
J282	HVAC Harness	-	In the passenger compartment, right front, inside of HVAC harness attached to HVAC assembly	-	-
J290	Body Harness	UQH	In the passenger compartment, right front, behind passenger kick panel, near bulkhead, approximately 9 cm (3.5 in) from breakout at cable channel, towards A-pillar	<u>Body Harness - Passenger Compartment - Right Front</u>	-
J292	Body Harness	UQH	In the passenger compartment, right front, behind passenger kick panel, near bulkhead, approximately 5 cm (2 in) from breakout at cable channel, towards A-pillar	<u>Body Harness - Passenger Compartment - Right Front</u>	-
J294	Body Harness	-	(HP9) In the passenger compartment, right front, near passenger door sill, approximately 5 cm (2 in) from breakout to ground G302, towards the front of vehicle (KL9) In the passenger compartment, right front, near passenger door sill, approximately 5 cm (2 in) from breakout to ground G302, towards the front of vehicle	<u>Body Harness - Passenger Compartment - Right Front</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J300	Body Harness	-	(HP9) In the passenger compartment, left front, behind driver kick panel, approximately 12 cm (4.8 in) from breakout to ground G301, towards front of vehicle (KL9) In the passenger compartment, left front, near driver door sill, approximately 12 cm (4.7 in) from breakout to ground G301, towards rear of vehicle	<u>Body Harness - Passenger Compartment - Left Front</u>	-
J301	Body Harness	-	(HP9+KA1) In the passenger compartment, left rear, near left rear door sill, approximately 4 cm (1.6 in) from branch out to front of vehicle, towards left side of vehicle (KL9+KA1) In the passenger compartment, left side near B-pillar, approximately 32 cm (12.6 in) from breakout to inline connector X310, in cable channel, towards front of vehicle	<u>Body Harness - Passenger Compartment - Left Front</u>	-
J302	Body Harness	-	(HP9) In the passenger compartment, left front, behind driver kick panel, approximately 4 cm (1.6 in) from breakout to inline connector X210, towards front of vehicle (KL9) In the passenger compartment, left side near B-pillar, approximately 25 cm (9.8 in) from breakout to inline connector X310, in cable channel, towards front of vehicle	<u>Body Harness - Passenger Compartment - Left Front</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J303	Body Harness	-	• (HP9+(DNP/DWR)) In the passenger compartment, left rear, near left rear door sill, approximately 9 cm (3.5 in) from branch out to front of vehicle, towards left side of vehicle • (KL9+(DNP/DWR)) In the passenger compartment, left side near B-pillar, approximately 18 cm (7.1 in) from breakout to inline connector X310, in cable channel, towards front of vehicle	• <u>Body Harness - Passenger Compartment - Left Front</u>	-
J304	Body Harness	-	• (HP9) In the passenger compartment, left rear, in cable channel, approximately 8 cm (3.1 in) from breakout to grounds G303 and G305, towards rear of vehicle • (KL9) In the passenger compartment, left side near B-pillar, approximately 6 cm (2.4 in) from breakout to inline connector X310, in cable channel, towards front of vehicle	• <u>Body Harness - Passenger Compartment - Left Front</u>	-
J305	Body Harness	-	• (KL9) In the passenger compartment, left rear, near base of b-pillar, approximately 6 cm (2.4 in) from branch out to b-pillar, towards rear of vehicle • (HP9) In the passenger compartment, left side near B-pillar, approximately 5 cm (2 in) from breakout to inline connector X310, in cable channel, towards rear of vehicle	• <u>Body Harness - Passenger Compartment - Left Front</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J306	Body Harness	-	In the passenger compartment, left side near B-pillar, approximately 12 cm (4.7 in) from breakout to inline connector X310, in cable channel, towards rear of vehicle	<u>Body Harness - Passenger Compartment - Left Front</u>	-
J307	Body Harness	-	(HP9) In the passenger compartment, left rear, in cable channel, approximately 14 cm (5.5 in) from breakout to grounds G303 and G305, towards rear of vehicle (KL9) In the passenger compartment, left rear, in cable channel, approximately 6 cm (2.4 in) from branch to the front of the vehicle, towards the right side	<u>Body Harness - Passenger Compartment - Left Front</u>	-
J308	Body Harness	-	In passenger compartment, left rear, approximately 28 cm (11 in) from breakout towards inline connector X310, towards center of vehicle	<u>Body Harness - Passenger Compartment - Left Rear</u>	-
J309	Body Harness	-	In passenger compartment, left rear, approximately 35 cm (13.8 in) from breakout towards inline connector X310, towards center of vehicle	<u>Body Harness - Passenger Compartment - Left Rear</u>	-
J310	Driver Seat Harness	-	In the passenger compartment, left front, inside of driver seat	-	-
J311	Driver Seat Harness	KA1	In the passenger compartment, left front, inside of driver seat	-	-
J312	Driver Seat Harness	-	In the passenger compartment, left front, inside of driver seat	-	-
J313	Driver Seat Back Harness	AQ9	In the passenger compartment, left front, inside of driver seat	-	-
J314	Driver Seat Harness	KA1	In the passenger compartment, left front, inside of driver seat	-	-
J315	Driver Seat Harness	KU9	In the passenger compartment, left front, inside of driver seat	-	-
J316	Body Harness	C24	In the passenger compartment, right front, near passenger door sill, approximately 10 cm (3.9 in) from breakout to ground G302, towards the rear of the vehicle	<u>Body Harness - Passenger Compartment - Right Front</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J317	Body Harness	-	(HP9) In the passenger compartment, center rear, in cable channel, approximately 28 cm (11 in) from branch out to the front of vehicle, towards right side of vehicle (KL9) In the passenger compartment, right front, near passenger door sill, approximately 17 cm (6.7 in) from breakout to ground G302, towards the rear of the vehicle	<u>Body Harness - Passenger Compartment - Right Front</u>	-
J318	Body Harness	-	(HP9) In the passenger compartment, center rear, in cable channel, approximately 39 cm (15.4 in) from branch out to the front of vehicle, towards right side of vehicle (KL9) In the passenger compartment, right center, approximately 12 cm (4.7 in) from breakout to inline connector X320, towards front of vehicle	<u>Body Harness - Passenger Compartment - Right Front</u>	-
J319	Body Harness	-	(HP9) In the passenger compartment, left side, near b-pillar, approximately 6 cm (2.4 in) from breakout to inline connector X310, towards front of vehicle (KL9) In the passenger compartment, right center, approximately 5 cm (2 in) from breakout to inline connector X320, towards front of vehicle	<u>Body Harness - Passenger Compartment - Right Front</u>	-
J320	Passenger Seat Harness	-	In the passenger compartment, right front, inside of passenger seat	-	-
J322	Passenger Seat Back Harness	AQ9	In the passenger compartment, right front, inside of passenger seat	-	-

Code	Name	Option	Location	Locator View	Connector End View
J323	Passenger Seat Harness	KA1	In the passenger compartment, right front, inside of passenger seat	-	-
J324	Passenger Seat Harness	KA1	In the passenger compartment, right front, inside of passenger seat	-	-
J325	Passenger Seat Harness	-	In the passenger compartment, right front, inside of passenger seat	-	-
J326	Body Harness	-	(HP9) In the passenger compartment, left side, near b-pillar, approximately 10 cm (3.9 in) from breakout to inline connector X310, towards front of vehicle (KL9) In the passenger compartment, right center, approximately 5 cm (2 in) from breakout to inline connector X320, towards rear of vehicle	<u>Body Harness - Passenger Compartment - Right Front</u>	-
J327	Body Harness	AQ9	In the passenger compartment, right center, approximately 10 cm (3.9 in) from breakout to inline connector X320, towards rear of vehicle	<u>Body Harness - Passenger Compartment - Right Front</u>	-
J328	Body Harness	-	(HP9+UWG) In the passenger compartment, center rear, in cable channel, approximately 33 cm (13 in) from branch out to the front of vehicle, towards right side of vehicle (KL9+UWG) In passenger compartment, left rear, approximately 35 cm (13.8 in) from breakout to inflatable restraint sensing and diagnostic module, towards left side of vehicle	<u>Body Harness - Passenger Compartment - Left Rear</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J329	Body Harness	-	(HP9) In the passenger compartment, right front, near passenger door sill, approximately 9 cm (3.5 in) from breakout to ground G302, towards rear of vehicle (KL9) In passenger compartment, left rear, approximately 28cm (11 in) from breakout to inflatable restraint sensing and diagnostic module, towards left side of vehicle	<u>Body Harness - Passenger Compartment - Left Rear</u>	-
J330	Body Harness	-	In the passenger compartment, rear center, in cable channel on top of driveshaft tunnel, approximately 7 cm (2.8 in) from breakout to inflatable restraint sensing and diagnostic module, towards right side of vehicle	<u>Body Harness - Passenger Compartment - Right Front</u>	-
J331	Driver Seat Back Temperature Control Module Harness	KU9	In the passenger compartment, left front, within the driver seat back	-	-
J332	Body Harness	-	(HP9) In the passenger compartment, right side, near b-pillar, approximately 10 cm (3.9 in) from breakout to inline connector X320, towards front of vehicle (KL9) In the passenger compartment, rear center, in cable channel on top of driveshaft tunnel, approximately 14 cm (5.5 in) from breakout to inflatable restraint sensing and diagnostic module, towards right side of vehicle	<u>Body Harness - Passenger Compartment - Right Front</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J333	Body Harness	-	• (UWG+HP9) In the passenger compartment, right side, near b-pillar, approximately 5 cm (2 in) from breakout to inline connector X320, towards rear of vehicle • (UWG+KL9) In the passenger compartment, left side near B-pillar, approximately 14 cm (5.5 in) from breakout to inline connector X310, in cable channel, towards rear of vehicle	• <u>Body Harness - Passenger Compartment - Left Front</u>	-
J334	Body Harness	-	In the passenger compartment, right rear, in cable channel, approximately 50 cm (19.7 in) from breakout towards inline connector X320, towards center of vehicle	-	-
J335	Body Harness	-	• (HP9) In the passenger compartment, left side, near b-pillar, approximately 15 cm (5.9 in) from breakout to inline connector X310, towards front of vehicle • (KL9) In the passenger compartment, left rear, in cable channel, approximately 19 cm (7.5 in) from breakout to inline connector X310, towards the rear of vehicle	• <u>Body Harness - Passenger Compartment - Left Front</u>	-
J336	Body Harness	HP9+UTT	In the passenger compartment, right side, near b-pillar, approximately 31 cm (12.2 in) from breakout to inline connector X320, towards front of vehicle	<u>Body Harness - Passenger Compartment - Right Front</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J337	Body Harness	-	• (HP9+(C3U/CF5)) In the passenger compartment, left rear, near left rear door sill, approximately 2 cm (.8 in) from breakout to grounds G303 and G305, towards front of vehicle • (KL9+(C3U/CF5)) In the passenger compartment, left rear, behind left rear seat back, in harness loop approximately 19 cm (7.5 in) from breakout into cable channel	• <u>Body Harness - Passenger Compartment - Left Rear</u>	-
J338	Body Harness	-	In the passenger compartment, right rear, in cable channel, approximately 35 cm (13.8 in) from branch going towards inline connector X320, towards center of vehicle	<u>Body Harness - Passenger Compartment - Left Rear</u>	-
J340	Body Harness	-	• (HP9+(UG1/UTU/UTV)) In the passenger compartment, right rear, in cable channel, approximately 60 cm (23.6 in) from breakout towards inline connector X320, towards center of vehicle • (KL9+(UG1/UTU/UTV)) In the passenger compartment, rear center, in cable channel on top of drive shaft tunnel, approximately 32 cm (12.6 in) from breakout to inflatable restraint sensing and diagnostic module, towards right side of vehicle	• <u>Body Harness - Passenger Compartment - Right Front</u> • <u>Body Harness - Passenger Compartment - Left Rear</u>	-
J341	Body Harness	HP9	In the passenger compartment, left side, near b-pillar, approximately 5 cm (2 in) from breakout to inline connector X310, towards rear of vehicle	<u>Body Harness - Passenger Compartment - Left Rear</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J342	Body Harness	-	(HP9+UGN) In the passenger compartment, left side, near b-pillar, approximately 11 cm (4.3 in) from breakout to inline connector X310, towards rear of vehicle (KL9+UGN) In the passenger compartment, rear center, in cable channel on top of drive shaft tunnel, approximately 29 cm (11.4 in) from breakout to inflatable restraint sensing and diagnostic module, towards right side of vehicle	<u>Body Harness - Passenger Compartment - Right Front</u> <u>Body Harness - Passenger Compartment - Left Rear</u>	-
J343	Body Harness	-	In the passenger compartment, right center, approximately 15 cm (5.9 in) from breakout to inline connector X320, towards rear of vehicle	<u>Body Harness - Passenger Compartment - Right Front</u>	-
J344	Body Harness	-	(HP9) In the passenger compartment, right side, near b-pillar, approximately 27 cm (10.6 in) from breakout to inline connector X320, towards front of vehicle (KL9) In the passenger compartment, right rear, approximately 6 cm (2.4 in) from branch going towards inline connector X320, towards center of vehicle	<u>Body Harness - Passenger Compartment - Right Front</u>	-
J345	Body Harness	-	(HP9) In the passenger compartment, right rear, approximately 3 cm (1.2 in) from breakout to right rear door sill plate lamp, towards rear of vehicle (KL9) In the passenger compartment, right rear, approximately 7 cm (2.8 in) from harness branch going to front of vehicle, towards right side of vehicle	<u>Body Harness - Passenger Compartment - Right Front</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J346	Body Harness	-	(HP9+DB3) In the passenger compartment, right front, within cable channel, approximately 5 cm (2 in) from breakout to hybrid/ev powertrain control module 2, towards front of vehicle (KL9+DB3) In the passenger compartment, right rear, near right rear door sill, approximately 14 cm (5.5 in) from breakout to ground G304, towards the rear of vehicle	<u>Body Harness - Passenger Compartment - Right Rear</u>	-
J348	Body Harness	-	(HP9+KA6) In the passenger compartment, right rear, near right rear door sill, approximately 13 cm (5.1 in) from breakout to ground G304, towards front of vehicle (KL9+KA6) In the passenger compartment, right rear, near right rear door sill, approximately 21 cm (8.3 in) from breakout to ground G304, towards the rear of vehicle	<u>Body Harness - Passenger Compartment - Right Rear</u>	-
J349	Body Harness	HP9	In the passenger compartment, right rear, near right rear door sill, approximately 2.5 cm (1 in) from breakout to ground G304, towards the rear of vehicle	<u>Body Harness - Passenger Compartment - Right Rear</u>	-
J350	Body Harness	-	(HP9) In the passenger compartment, right rear, near right rear door sill, approximately 29 cm (11.4 in) from breakout to ground G304, towards rear of vehicle (KL9) In the passenger compartment, right rear, near right rear door sill, approximately 28 cm (11 in) from breakout to ground G304, towards the rear of vehicle	<u>Body Harness - Passenger Compartment - Right Rear</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J352	Headliner Harness	-	In the passenger compartment, above headliner, right front, approximately 13 cm (5.1 in) from branch to overhead console, towards right side of vehicle	Headliner Harness Routing	-
J353	Passenger Seat Harness	KU9	In the passenger compartment, right front, within passenger seat	-	-
J354	Headliner Harness	-	In the passenger compartment, above headliner, right front, approximately 18 cm (7.1 in) from branch to overhead console, towards right side of vehicle	Headliner Harness Routing	-
J356	Headliner Harness	-	In the passenger compartment, above headliner, right front, approximately 5 cm (2 in) from breakout to right sunshade mirror lamp, towards the center of vehicle	Headliner Harness Routing	-
J357	Body Harness	-	In body harness	-	-
J358	Headliner Harness	-	In the passenger compartment, above headliner, right rear, approximately 19 cm (7.5 in) from breakout to right rear dome/reading lamps, towards the rear of vehicle	Headliner Harness Routing	-
J360	Headliner Harness	-	In the passenger compartment, above headliner, front center, between breakouts to passenger air bag disable indicator and telematics button assembly	Headliner Harness Routing	-
J362	Headliner Harness	-	In the passenger compartment, above headliner, left front, approximately 5 cm (2 in) from breakout to cellular phone microphone, towards left side of vehicle	Headliner Harness Routing	-
J364	Headliner Harness	-	In the passenger compartment, above headliner, left front, approximately 10 cm (3.9 in) from breakout to cellular phone microphone, towards left side of vehicle	Headliner Harness Routing	-
J365	Headliner Harness	UG1+UTU+UTV	In the passenger compartment, above headliner, left front, approximately 5 cm (2 in) from breakout to left sunshade mirror lamp, towards the left side of vehicle	Headliner Harness Routing	-
J366	Sunroof Jumper Harness	C3U	In sunroof jumper harness	-	-
J367	Sunroof Jumper Harness	C3U	In sunroof jumper harness	-	-
J370	Left Rear Seat Harness	AQ9	In passenger compartment, left rear, within left rear seat harness	-	-
J371	Auxiliary HVAC Harness	C24	In auxiliary HVAC harness	-	-
J372	Auxiliary HVAC Harness	C24	In auxiliary HVAC harness	-	-

Code	Name	Option	Location	Locator View	Connector End View
J373	Auxiliary HVAC Harness	C24	In auxiliary HVAC harness	-	-
J374	Auxiliary HVAC Harness	C24	In auxiliary HVAC harness	-	-
J375	Auxiliary HVAC Harness	C24	In auxiliary HVAC harness	-	-
J376	Auxiliary HVAC Harness	C24	In auxiliary HVAC harness	-	-
J377	Right Rear Seat Harness	AQ9	In passenger compartment, right rear, within right rear seat harness	-	-
J380	Right Rear Seat Harness	AQ9	In passenger compartment, right rear, within right rear seat harness	-	-
J381	Floor Console Harness	-	In floor console harness	-	-
J382	Floor Console Harness	-	In floor console harness	-	-
J383	Floor Console Harness	-	In floor console harness	-	-
J384	Floor Console Harness	UWG	In floor console harness	-	-
J385	Floor Console Harness	-	In floor console harness	-	-
J386	Floor Console Harness	UWG	In floor console harness	-	-
J389	Left Rear Seat Harness	AQ9	In left rear seat harness	-	-
J390	Right Rear Seat Harness	AQ9	In right rear seat harness	-	-
J391	Rear Seat Armrest Harness	KA6	In rear seat armrest harness	-	-
J392	Left Rear Seat Harness	KA6	In left rear seat harness	-	-
J393	Rear Seat Armrest Harness	KA6	In rear seat harness	-	-
J394	Passenger Seat Cushion Harness	KA6	In passenger seat cushion harness	-	-
J395	Left Rear Seat Harness	KA6	In left rear seat harness	-	-
J396	Right Rear Seat Harness	AQ9	In right rear seat harness	-	-
J397	Rear Seat Armrest Harness	AQ9	In rear seat armrest harness	-	-
J400	Body Harness	-	(HP9) In the luggage compartment, left front, in cable channel, approximately 27 cm (10.6 in) from rear seat back (KL9) In the luggage compartment, left front, approximately 28 cm (11 in) from breakout to the rear compartment keyless entry antenna, towards the front of vehicle	<u>Body Harness - Luggage Compartment - Left</u>	-
J405	Body Harness	-	In the luggage compartment, left front, approximately 12 cm (4.7 in) from breakout to the rear compartment keyless entry antenna, towards the front of vehicle	<u>Body Harness - Luggage Compartment - Left</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J410	Body Harness	-	(HP9) In the passenger compartment, left rear, in cable channel, approximately 3 cm (1.2 in) from breakout to grounds G303 and G305, towards rear of vehicle (KL9) In the passenger compartment, left rear, behind left rear seat back, in harness loop approximately 19 cm (7.5 in) from breakout into cable channel	<u>Body Harness - Passenger Compartment - Left Rear</u>	-
J415	Body Harness	-	(HP9) In the passenger compartment, right rear, near right rear door sill, approximately 20 cm (7.9 in) from breakout to ground G304, towards rear of vehicle (KL9) In passenger compartment, right rear, behind seat back, approximately 20 cm (7.9 in) from cable channel and breakout to seat cushion inline connectors, towards the C-pillar, in harness loop	<u>Body Harness - Passenger Compartment - Right Rear</u>	-
J420	Body Harness	HP9	In the passenger compartment, left rear, approximately 7 cm (2.8 in) from branch out to the front of vehicle, towards right side of vehicle	<u>Body Harness - Passenger Compartment - Right Rear</u>	-
J425	Body Harness	-	(HP9+AX7) In the passenger compartment, right rear, near right rear door sill, approximately 9 cm (3.5 in) from harness branch out to front of vehicle, towards right side of vehicle (KL9+AX7) In the luggage compartment, right front, approximately 33 cm (13 in) from breakout to inline connectors to right rear seat, towards rear of vehicle	<u>Body Harness - Luggage Compartment - Right</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J430	Body Harness	-	• (HP9+XVR) In the passenger compartment, right front, within cable channel, approximately 11 cm (4.3 in) from breakout to hybrid/ev powertrain control module 2, towards front of vehicle • (KL9+XVR) In the luggage compartment, right front, approximately 44 cm (17.3 in) from breakout to inline connectors to right rear seat, towards rear of vehicle	• <u>Body Harness - Luggage Compartment - Right</u>	-
J435	Body Harness	-	• (HP9) In the passenger compartment, left side, near b-pillar, approximately 19 cm (7.5 in) from breakout to inline connector X310, towards front of vehicle • (KL9) In the luggage compartment, right front, approximately 50 cm (19.7 in) from breakout to inline connectors to right rear seat, towards rear of vehicle	• <u>Body Harness - Passenger Compartment - Left Rear</u> • <u>Body Harness - Luggage Compartment - Right</u>	-
J440	Body Harness	-	• (HP9) In the passenger compartment, right front, near passenger door sill, approximately 17 cm (6.7 in) from breakout to ground G302, towards rear of vehicle • (KL9) In the luggage compartment, right front, approximately 57 cm (22.4 in) from breakout to inline connectors to right rear seat, towards rear of vehicle	• <u>Body Harness - Passenger Compartment - Right Rear</u> • <u>Body Harness - Luggage Compartment - Right</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J445	Body Harness	-	(HP9) In the passenger compartment, right front, within cable channel, approximately 39 cm (15.4 in) from rear seat back, towards rear of vehicle (KL9) In the luggage compartment, right front, approximately 64 cm (25.2 in) from breakout to inline connectors to right rear seat, towards rear of vehicle	<u>Body Harness - Passenger Compartment - Right Rear</u> <u>Body Harness - Luggage Compartment - Right</u>	-
J450	Body Harness	-	(HP9) In the luggage compartment, left front, in cable channel, approximately 22 cm (8.7 in) from rear seat back (KL9) In vehicle underbody, right rear wheel well, rear of wheel, approximately 18 cm (7.1 in) from chassis control module	<u>Body Harness - Right Rear Wheel Well</u>	-
J455	Body Harness	-	In vehicle underbody, right rear wheel well, forward of wheel, approximately 12 cm (4.7 in) from inline connector X350, towards top of wheel well	<u>Body Harness - Right Rear Wheel Well</u>	-
J458	Body Harness	-	(HP9) In the passenger compartment, right front, within cable channel, approximately 50 cm (19.7 in) from rear seat back, towards rear of vehicle (KL9) In body harness	<u>Body Harness - Passenger Compartment - Right Front</u>	-

Code	Name	Option	Location	Locator View	Connector End View
J460	Body Harness	-	(HP9) In the luggage compartment, left side, in cable channel, approximately 6 cm (2.4 in) from breakout to inline connectors X357, X358 and X360, towards front of vehicle (KL9) In the trunk lid, behind trim, approximately 13 cm (5.1 in) from breakout to exterior rear compartment lid unlatch switch, towards right side of vehicle	<u>Body Harness - Rear of Vehicle and Trunk Lid</u> <u>Body Harness - Luggage Compartment - Left</u>	-
J465	Body Harness	TC2/TL9	In the trunk lid, behind trim, approximately 5 cm (2 in) from breakout to rear compartment lid latch, towards right side of vehicle	<u>Body Harness - Rear of Vehicle and Trunk Lid</u>	-
J467	Body Harness	HP9	In body harness	-	-
J470	Body Harness	-	(HP9+UGN) In the passenger compartment, right front, within cable channel, approximately 32 cm (12.6 in) from rear seat back, towards rear of vehicle (KL9+UGN) In the luggage compartment, right rear, approximately 21 cm (8.3 in) from breakout to right rear compartment courtesy lamp, towards right side of vehicle	<u>Body Harness - Passenger Compartment - Right Front</u> <u>Body Harness - Luggage Compartment - Right</u>	-
J475	Body Harness	-	In the luggage compartment, center rear, approximately 21 cm (8.3 in) from breakout to battery positive (+) terminal, towards the left side	<u>Body Harness - Luggage Compartment - Right</u>	-
J480	Drive Motor Battery Cable Harness	HP9	In the luggage compartment, under the rear window shelf, inside of the Hybrid/EV Battery Pack	-	-
J481	Drive Motor Battery Cable Harness	HP9	In the luggage compartment, under the rear window shelf, inside of the Hybrid/EV Battery Pack	-	-
J482	Drive Motor Battery Cable Harness	HP9	In the luggage compartment, under the rear window shelf, inside of the Hybrid/EV Battery Pack	-	-

Code	Name	Option	Location	Locator View	Connector End View
J483	Drive Motor Battery Cable Harness	HP9	In the luggage compartment, under the rear window shelf, inside of the Hybrid/EV Battery Pack	-	-
J484	Drive Motor Battery Cable Harness	HP9	In the luggage compartment, under the rear window shelf, inside of the Hybrid/EV Battery Pack	-	-
J485	Drive Motor Battery Cable Harness	HP9	In the luggage compartment, under the rear window shelf, inside of the Hybrid/EV Battery Pack	-	-
J486	Drive Motor Battery Cable Harness	HP9	In the luggage compartment, under the rear window shelf, inside of the Hybrid/EV Battery Pack	-	-
J487	Drive Motor Battery Cable Harness	HP9	In the luggage compartment, under the rear window shelf, inside of the Hybrid/EV Battery Pack	-	-
J488	Drive Motor Battery Cable Harness	HP9	In the luggage compartment, under the rear window shelf, inside of the Hybrid/EV Battery Pack	-	-
J489	Drive Motor Battery Cable Harness	HP9	In the luggage compartment, under the rear window shelf, inside of the Hybrid/EV Battery Pack	-	-
J490	Drive Motor Battery Cable Harness	HP9	In the luggage compartment, under the rear window shelf, inside of the Hybrid/EV Battery Pack	-	-
J491	Drive Motor Battery Cable Harness	HP9	In the luggage compartment, under the rear window shelf, inside of the Hybrid/EV Battery Pack	-	-
J500	Driver Door Harness	-	In the driver door, approximately 10 cm (3.9 in) from breakout to door trim inline connectors X505 and X506, towards the rear of vehicle	Front Door Harnesses	-
J501	Driver Door Harness	-	In the driver door, approximately 16 cm (6.3 in) from breakout to driver window motor, towards rear of vehicle	Front Door Harnesses	-
J505	Driver Door Trim Harness	-	In the driver door trim harness, approximately 8 cm (3.1 in) from breakout to the mirror control module, towards the top of door trim	Front Door Trim Harnesses	-
J506	Driver Door Trim Harness	-	In driver door trim harness, approximately 5 cm (2 in) from breakout towards driver door courtesy lamp, towards front of vehicle	Front Door Trim Harnesses	-
J507	Driver Door Trim Harness	-	In driver door trim harness, approximately 4 cm (1.6 in) from breakout to outside rearview mirror switch, towards rear of vehicle	Front Door Trim Harnesses	-

Code	Name	Option	Location	Locator View	Connector End View
J508	Driver Door Trim Harness	-	In driver door trim harness, approximately 9 cm (3.5 in) from breakout to door trim inline connectors X505 and X506, towards the top of door trim	Front Door Trim Harnesses	-
J515	Driver Outside Rearview Mirror Harness	-	In the driver outside rearview mirror harness	-	-
J516	Driver Door Harness	HD7	In the driver door harness, inside of the driver exterior door handle assembly	-	-
J600	Passenger Door Harness	-	In passenger door, approximately 10 cm (3.9 in) from breakout to door trim inline connectors X605 and X606, towards rear of vehicle	Front Door Harnesses	-
J605	Passenger Door Trim Harness	-	In passenger door trim harness, approximately 9 cm (3.5 in) from breakout to passenger door handle flood lamp, towards top of door trim	Front Door Trim Harnesses	-
J607	Passenger Door Trim Harness	-	In passenger door trim harness, approximately 4 cm (1.6 in) from breakout to passenger door lock switch, towards front of vehicle	Front Door Trim Harnesses	-
J608	Passenger Door Trim Harness	-	In passenger door trim harness, approximately 9 cm (3.5 in) from breakout to door trim inline connectors X605 and X606, towards top of door trim	Front Door Trim Harnesses	-
J615	Passenger Outside Rearview Mirror Harness	-	In the passenger outside rearview mirror harness	-	-
J616	Passenger Door Harness	HD7	In the passenger door harness, inside of the passenger exterior door handle assembly	-	-
J700	Left Rear Door Harness	-	In the left rear door, approximately 13 cm (5.1 in) from breakout to left rear door speaker, towards the front of vehicle	Rear Door Harnesses	-
J702	Left Rear Door Harness	-	In the left rear door, approximately 10 cm (3.9 in) from breakout to left rear door speaker, towards the front of vehicle	Rear Door Harnesses	-
J704	Left Rear Door Harness	-	In the left rear door, approximately 6 cm (2.4 in) from breakout to left rear exterior door handle, towards the breakout to the left rear door latch assembly	Rear Door Harnesses	-
J705	Left Rear Door Trim Harness	-	In left rear door trim harness, approximately 6 cm (2.4 in) from breakout to left rear door courtesy lamp, towards rear of vehicle	Rear Door Trim Harnesses	-
J706	Left Rear Door Trim Harness	-	In left rear door trim harness, approximately 17 cm (6.7 in) from breakout to left rear window switch, towards rear of vehicle	Rear Door Trim Harnesses	-

Code	Name	Option	Location	Locator View	Connector End View
J707	Left Rear Door Trim Harness	C3U/DB3	In left rear door trim harness, approximately 4 cm (1.6 in) from breakout to left rear window switch, towards rear of vehicle	Rear Door Trim Harnesses	-
J716	Left Rear Door Harness	HD7	In the left rear door harness, inside of the left rear exterior door handle assembly	-	-
J800	Right Rear Door Harness	-	In the right rear door, approximately 13 cm (5.1 in) from breakout to right rear door speaker, towards the front of vehicle	Rear Door Harnesses	-
J802	Right Rear Door Harness	-	In the right rear door, approximately 10 cm (3.9 in) from breakout to right rear door speaker, towards the front of vehicle	Rear Door Harnesses	-
J804	Right Rear Door Harness	-	In the right rear door, approximately 6 cm (2.4 in) from breakout to right rear exterior door handle, towards the breakout to the right rear door latch assembly	Rear Door Harnesses	-
J805	Right Rear Door Trim Harness	-	In right rear door trim harness, approximately 6 cm (2.4 in) from breakout to right rear door courtesy lamp, towards front of vehicle	Rear Door Trim Harnesses	-
J806	Right Rear Door Trim Harness	-	In right rear door trim harness, approximately 17 cm (6.7 in) from breakout to right rear window switch, towards rear of vehicle	Rear Door Trim Harnesses	-
J807	Right Rear Door Trim Harness	C3U/DB3	In right rear door trim harness, approximately 4 cm (1.6 in) from breakout to right rear window switch, towards rear of vehicle	Rear Door Trim Harnesses	-
J816	Right Rear Door Harness	HD7	In the right rear door harness, inside of the right rear exterior door handle assembly	-	-
J900	Rear Fascia Harness Routing	UVZ	At rear of vehicle, within rear fascia, approximately 8 cm (3.1 in) from breakout to inline connector X415, towards right side of vehicle	Rear Fascia Harness Routing	-
J905	Rear Fascia Harness Routing	UFQ	At rear of vehicle, within rear fascia, approximately 11 cm (3.9 in) from breakout to Rear Fascia Keyless Entry Antenna, towards right side of vehicle	Rear Fascia Harness Routing	-
J910	Rear Fascia Harness Routing	UFG/UKC	At rear of vehicle, within rear fascia, approximately 8 cm (3.1 in) from breakout to Rear Fascia Keyless Entry Antenna, towards right side of vehicle	Rear Fascia Harness Routing	-

Code	Name	Option	Location	Locator View	Connector End View
J915	Rear Fascia Harness Routing	-	At rear of vehicle, within rear fascia, approximately 4 cm (1.6 in) from breakout to Rear Fascia Keyless Entry Antenna, towards right side of vehicle	<u>Rear Fascia Harness Routing</u>	-