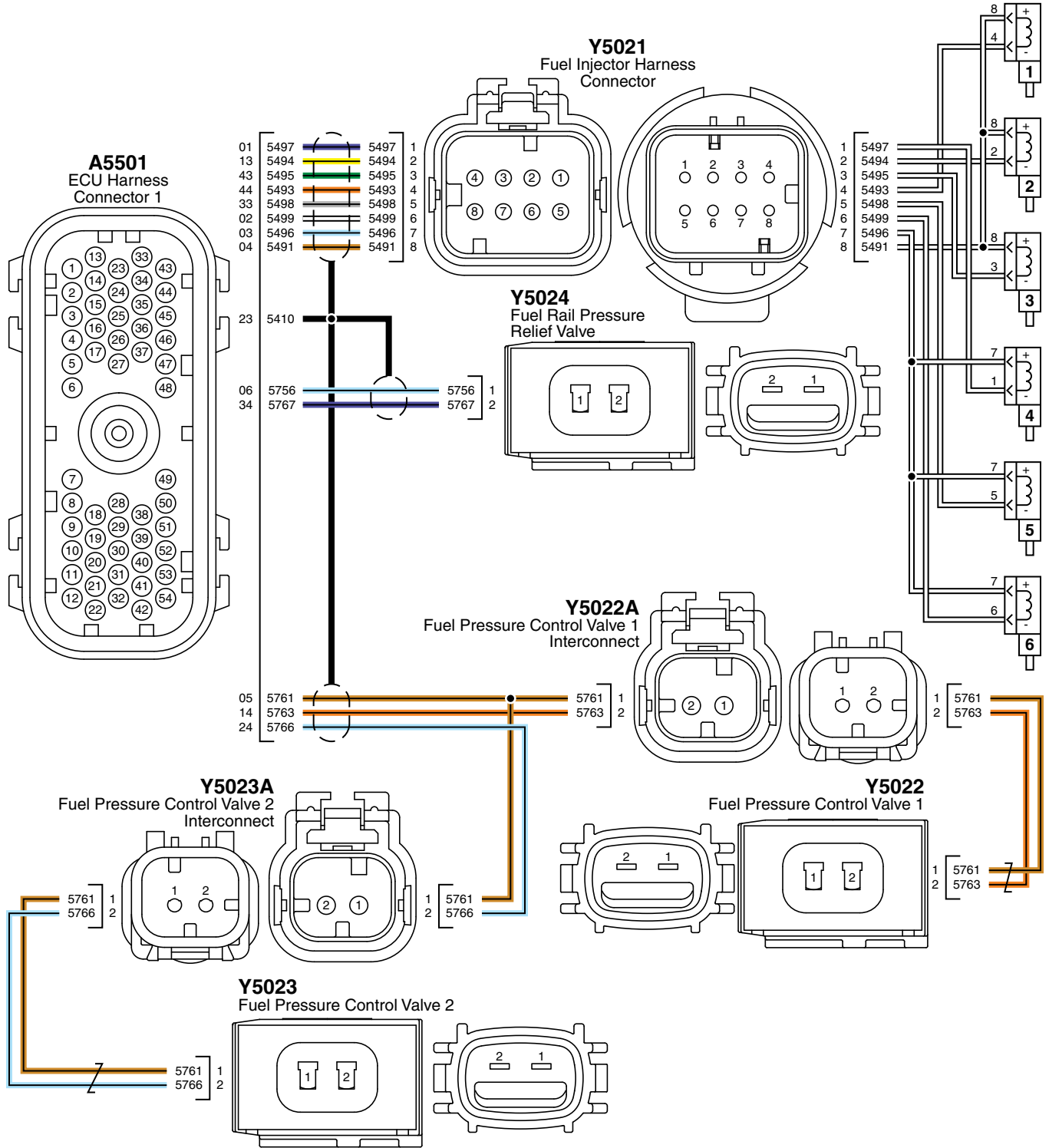


6.8 L Wiring Diagram 1



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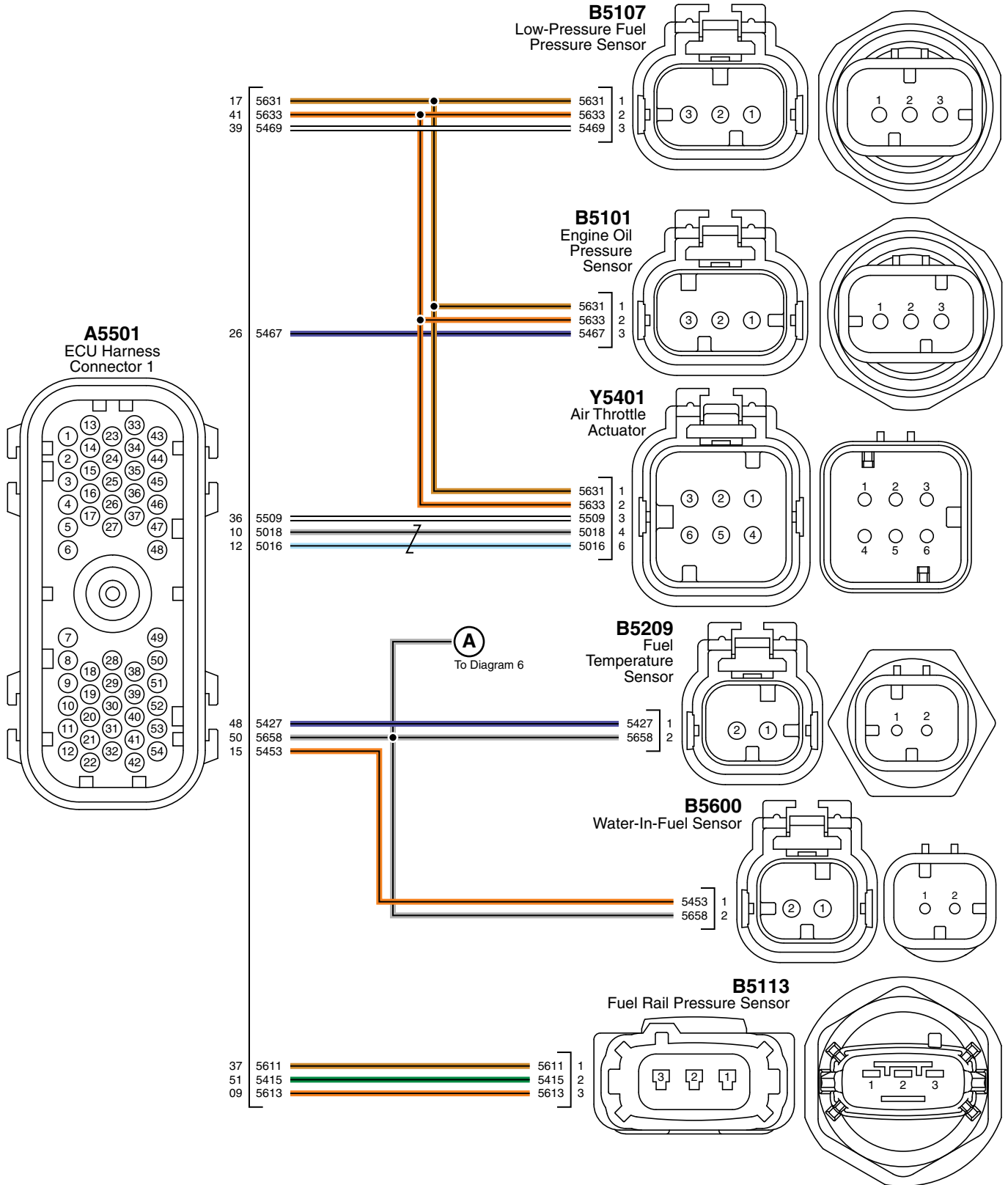
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Diagnostic Specifications

A5501— ECU Harness Connector 1	A5501-6— [5756 Blue] Fuel Rail Pressure Relief Valve Drive Positive	A5501-33— [5498 Gray] Injector #5 Pulse	Y5022A— Fuel Pressure Control Valve 1 Interconnect
A5501-1— [5497 Violet] Injector #4 Pulse	A5501-13— [5494 Yellow] Injector #2 Pulse	A5501-34— [5767 Violet] Fuel Rail Pressure Relief Valve Drive Negative	Y5023— Fuel Pressure Control Valve 2
A5501-2— [5499 White] Injector #6 Pulse	A5501-14— [5763 Orange] Fuel Pressure Control Valve 1 Drive Negative	A5501-43— [5495 Green] Injector #3 Pulse	Y5023A— Fuel Pressure Control Valve 2 Interconnect
A5501-3— [5496 Blue] Injector #4, #5, #6 Power	A5501-23— [5410 Black] Wiring Shield	A5501-44— [5493 Orange] Injector #1 Pulse	Y5024— Fuel Rail Pressure Relief Valve
A5501-4— [5491 Brown] Injector #1, #2, #3 Power	A5501-24— [5766 Blue] Fuel Pressure Control Valve 2 Drive Negative	Y5021— Fuel Injector Harness Connector	
A5501-5— [5761 Brown] Fuel Pressure Control Valve Drive Positive		Y5022— Fuel Pressure Control Valve 1	

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6.8 L Wiring Diagram 2



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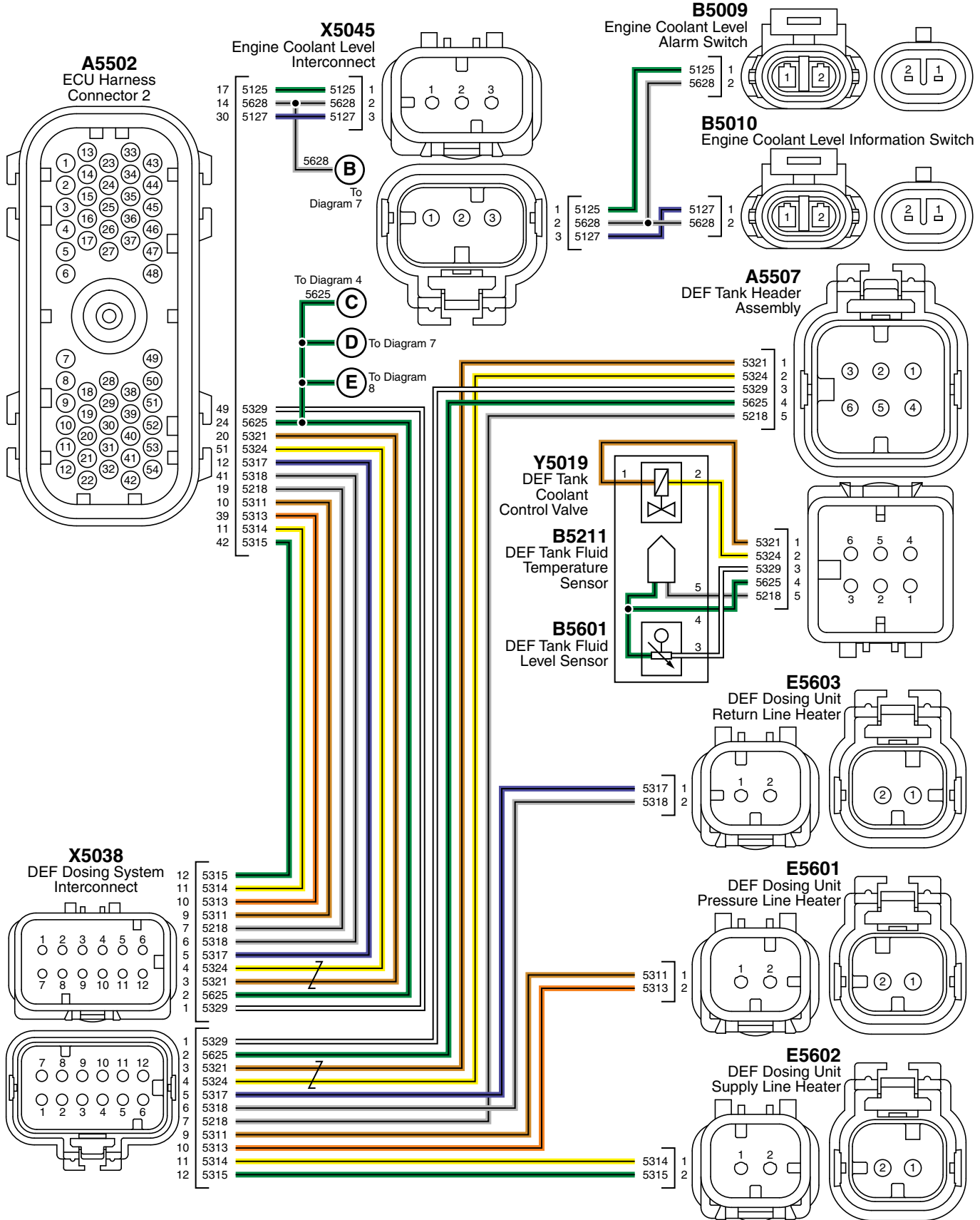
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Diagnostic Specifications

A— To 6.8 L Wiring Diagram 6	A5501-17— [5631 Brown] 5 V Sensor Supply #3 Positive	A5501-41— [5633 Orange] 5 V Sensor Supply #3 Return	B5113— Fuel Rail Pressure Sensor
A5501— ECU Harness Connector 1	A5501-26— [5467 Violet] Engine Oil Pressure Sensor Signal	A5501-48— [5427 Violet] Fuel Temperature Sensor Signal	B5209— Fuel Temperature Sensor
A5501-9— [5613 Orange] 5 V Sensor Supply #1 Return	A5501-36— [5509 White] Air Throttle Actuator Position Signal	A5501-50— [5658 Gray] Sensor Return #6	B5600— Water-In-Fuel Sensor
A5501-10— [5018 Gray] Air Throttle Actuator Drive Negative	A5501-37— [5611 Brown] 5 V Sensor Supply #1 Positive	A5501-51— [5415 Green] Fuel Rail Pressure Sensor Signal	Y5401— Air Throttle Actuator
A5501-12— [5016 Blue] Air Throttle Actuator Drive Positive	A5501-39— [5469 White] Low-Pressure Fuel Pressure Sensor Signal	B5101— Engine Oil Pressure Sensor	
A5501-15— [5453 Orange] Water-In-Fuel Sensor Signal		B5107— Low-Pressure Fuel Pressure Sensor	

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6.8 L Wiring Diagram 3



RG22465—UN—27AUG13

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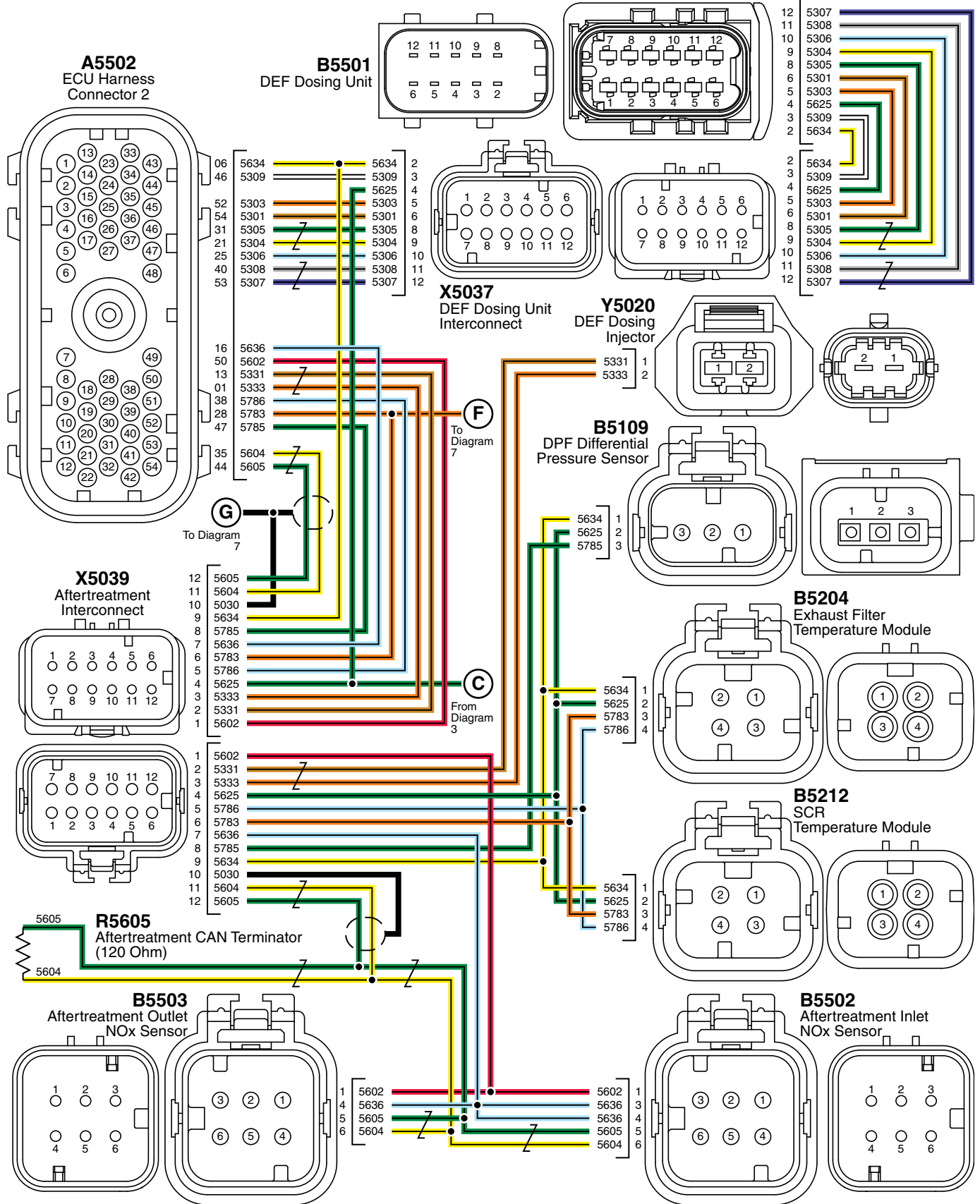
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Diagnostic Specifications

<p>A5502— ECU Harness Connector 2</p> <p>A5502-10— [5311 Brown] DEF Dosing Unit Pressure Line Heater Positive</p> <p>A5502-11— [5314 Yellow] DEF Dosing Unit Supply Line Heater Positive</p> <p>A5502-12— [5317 Violet] DEF Dosing Unit Return Line Heater Positive</p> <p>A5502-14— [5628 Gray] Sensor Return #2</p> <p>A5502-17— [5125 Green] Engine Coolant Level Alarm Switch Signal</p> <p>A5502-19— [5218 Gray] DEF Tank Fluid Temperature Sensor Signal</p>	<p>A5502-20— [5321 Brown] DEF Coolant Control Valve Drive Positive</p> <p>A5502-24— [5625 Green] 5 V Sensor Supply #7 Return</p> <p>A5502-30— [5127 Violet] Engine Coolant Level Information Switch Signal</p> <p>A5502-39— [5313 Orange] DEF Dosing Unit Pressure Line Heater Negative</p> <p>A5502-41— [5318 Gray] DEF Dosing Unit Return Line Heater Negative</p> <p>A5502-42— [5315 Green] DEF Dosing Unit Supply Line Heater Negative</p>	<p>A5502-49— [5329 White] DEF Tank Fluid Level Sensor Signal</p> <p>A5502-51— [5324 Yellow] DEF Coolant Control Valve Drive Negative</p> <p>A5507— DEF Tank Header Assembly</p> <p>B— To 6.8 L Wiring Diagram 7</p> <p>B5009— Engine Coolant Level Alarm Switch</p> <p>B5010— Engine Coolant Level Information Switch</p> <p>B5211— DEF Tank Fluid Temperature Sensor</p> <p>B5601— DEF Tank Fluid Level Sensor</p> <p>C— To 6.8 L Wiring Diagram 4</p>	<p>D— To 6.8 L Wiring Diagram 7</p> <p>E— To 6.8 L Wiring Diagram 8</p> <p>E5601— DEF Dosing Unit Pressure Line Heater</p> <p>E5602— DEF Dosing Unit Supply Line Heater</p> <p>E5603— DEF Dosing Unit Return Line Heater</p> <p>X5038— DEF Dosing System Interconnect</p> <p>X5045— Engine Coolant Level Interconnect</p> <p>Y5019— DEF Tank Coolant Control Valve</p>
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6.8 L Wiring Diagram 4



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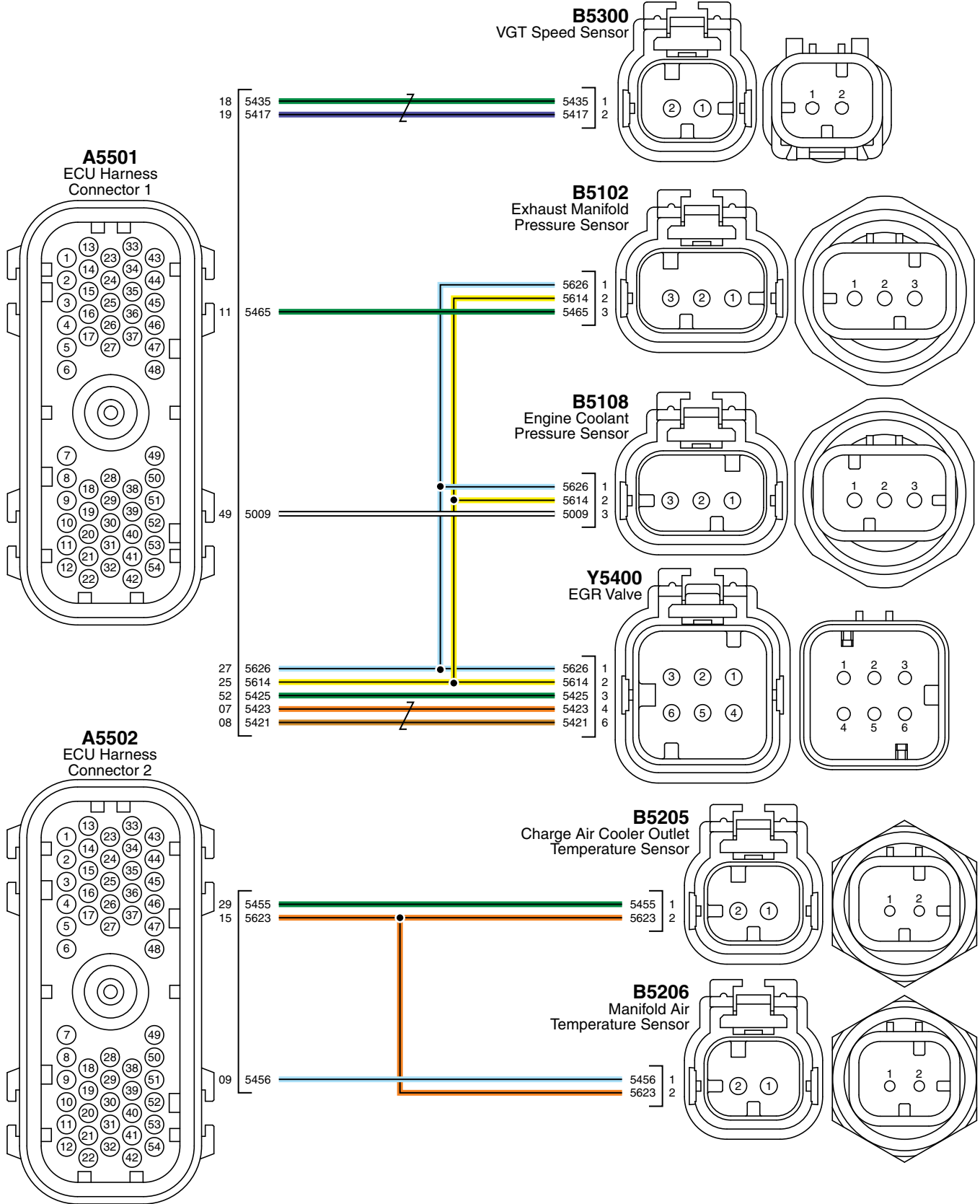
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Diagnostic Specifications

A5502— ECU Harness Connector 2	A5502-31— [5305 Green] DEF Dosing Unit Pump Drive Negative	A5502-50— [5602 Red] Switched Power	B5503— Aftertreatment Outlet NOx Sensor
A5502-1— [5333 Orange] DEF Dosing Injector Drive Negative	A5502-35— [5604 Yellow] Aftertreatment CAN High	A5502-52— [5303 Orange] DEF Dosing Unit Heater Negative	C— [5625 Green] 5 V Sensor Supply #7 Return From 6.8 L Wiring Diagram 3
A5502-6— [5634 Yellow] 5 V Sensor Supply #8 Positive	A5502-38— [5786 Blue] Aftertreatment Temperature Sensor Signal	A5502-53— [5307 Violet] DEF Dosing Unit Reversing Valve Drive Positive	F— To 6.8 L Wiring Diagram 7 G— To 6.8 L Wiring Diagram 7
A5502-13— [5331 Brown] DEF Dosing Injector Drive Positive	A5502-40— [5308 Gray] DEF Dosing Unit Reversing Valve Drive Negative	A5502-54— [5301 Brown] DEF Dosing Unit Heater Positive	R5605— Aftertreatment CAN Terminator (120 Ohm)
A5502-16— [5636 Blue] 5 V Sensor Supply #8 Return	A5502-44— [5605 Green] Aftertreatment CAN Low	B5109— DPF Differential Pressure Sensor	X5037— DEF Dosing Unit Interconnect
A5502-21— [5304 Yellow] DEF Dosing Unit Pump Drive Positive	A5502-46— [5309 White] DEF Dosing Unit Pressure Sensor Signal	B5204— Exhaust Filter Temperature Module	X5039— Aftertreatment Interconnect
A5502-25— [5306 Blue] DEF Dosing Unit Pump Position Signal	A5502-47— [5785 Green] DPF Differential Pressure Sensor Signal	B5212— SCR Temperature Module	X5039-10— [5030 Black] Wiring Shield
A5502-28— [5783 Orange] 10 V Sensor Supply		B5501— DEF Dosing Unit	Y5020— DEF Dosing Injector
		B5502— Aftertreatment Inlet NOx Sensor	

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6.8 L Wiring Diagram 5



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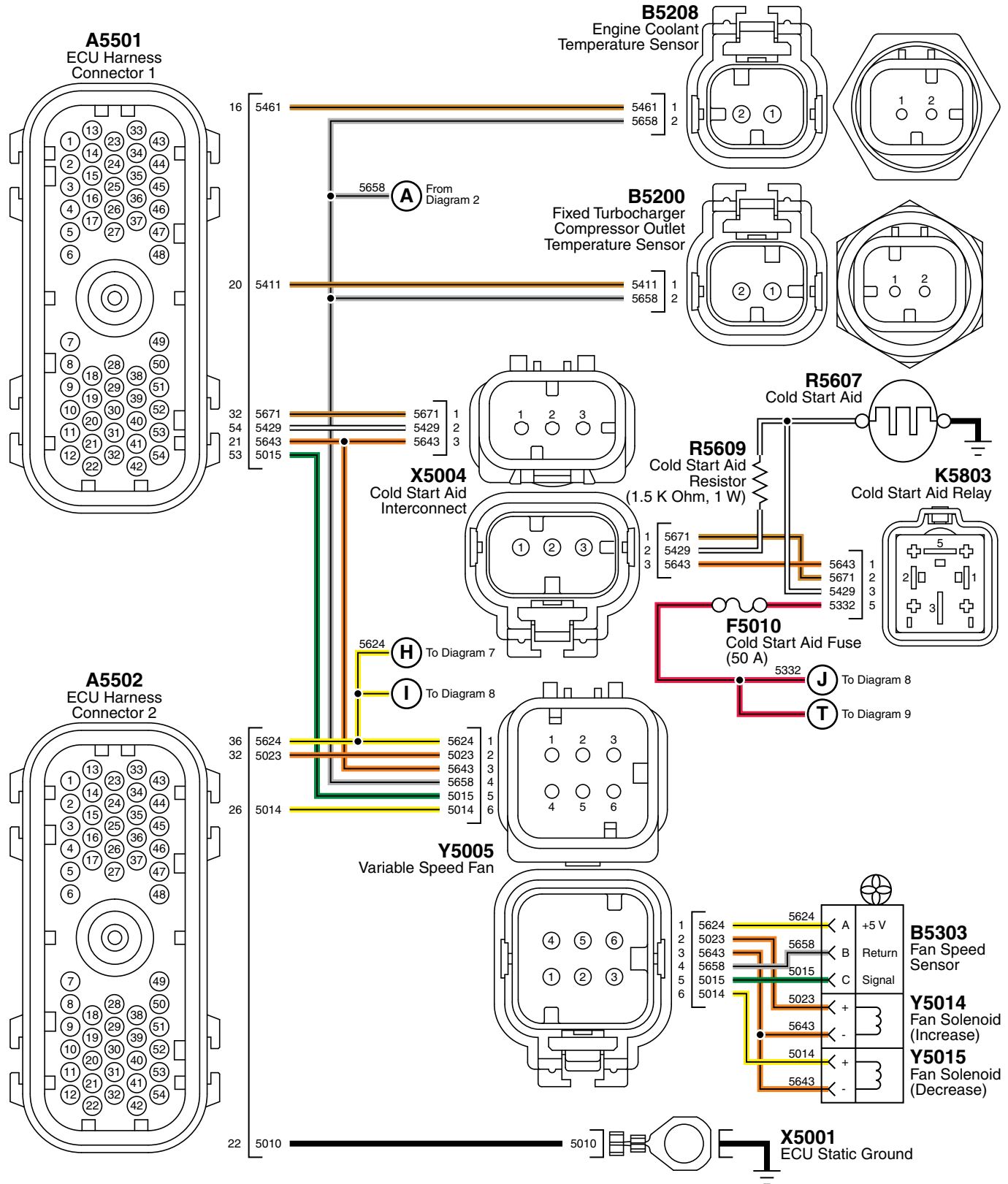
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Diagnostic Specifications

A5501— ECU Harness Connector 1	A5501-19— [5417 Violet] VGT Speed Sensor Return	A5502— ECU Harness Connector 2	B5108— Engine Coolant Pressure Sensor
A5501-7— [5423 Orange] EGR Valve Drive Negative	A5501-25— [5614 Yellow] 5 V Sensor Supply #6 Return	A5502-9— [5456 Blue] Manifold Air Temperature Sensor Signal	B5205— Charge Air Cooler Outlet Temperature Sensor
A5501-8— [5421 Brown] EGR Valve Drive Positive	A5501-27— [5626 Blue] 5 V Sensor Supply #6 Positive	A5502-15— [5623 Orange] 5 V Sensor Supply #2 Return	B5206— Manifold Air Temperature Sensor
A5501-11— [5465 Green] Exhaust Manifold Pressure Sensor Signal	A5501-49— [5009 White] Engine Coolant Pressure Sensor Signal	A5502-29— [5455 Green] Charge Air Cooler Outlet Temperature Sensor Signal	B5300— VGT Speed Sensor
A5501-18— [5435 Green] VGT Speed Sensor Signal	A5501-52— [5425 Green] EGR Valve Position Signal	B5102— Exhaust Manifold Pressure Sensor	Y5400— EGR Valve

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6.8 L Wiring Diagram 6



RG22468—UN—19AUG13

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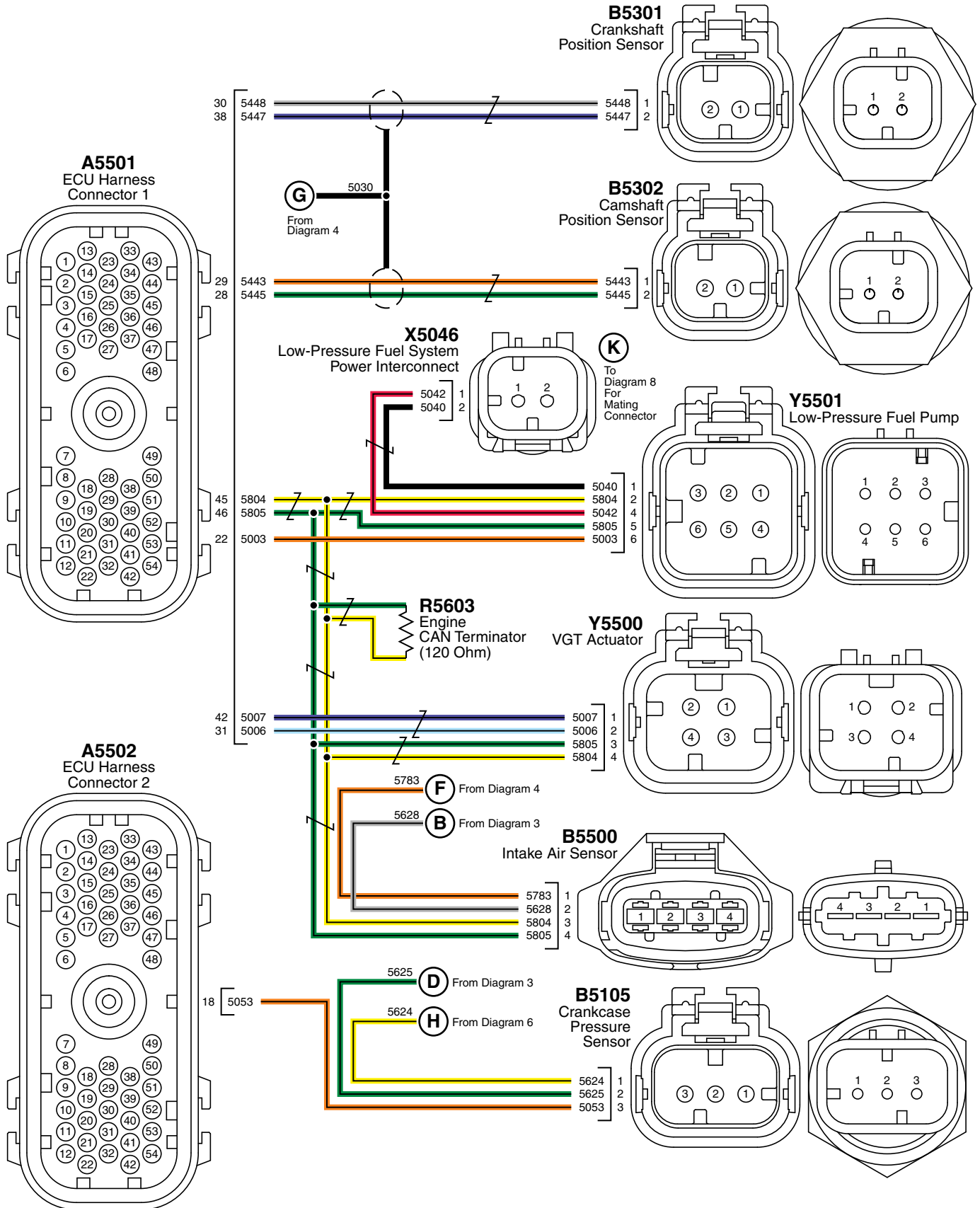
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Diagnostic Specifications

<p>A— [5658 Gray] Sensor Return #6 From 6.8 L Wiring Diagram 2 A5501— ECU Harness Connector 1 A5501-16— [5461 Brown] Engine Coolant Temperature Sensor Signal A5501-20— [5411 Brown] Fixed Turbocharger Compressor Outlet Temperature Sensor Signal A5501-21— [5643 Orange] Sensor Return #1 A5501-32— [5671 Brown] Cold Start Aid Drive Positive</p>	<p>A5501-53— [5015 Green] Fan Speed Sensor Signal A5501-54— [5429 White] Cold Start Aid Signal A5502— ECU Harness Connector 2 A5502-22— [5010 Black] Single Point Ground A5502-26— [5014 Yellow] Variable Speed Fan Reverse Drive Positive A5502-32— [5023 Orange] Variable Speed Fan Drive Positive A5502-36— [5624 Yellow] 5 V Sensor Supply #7 Positive</p>	<p>B5200— Fixed Turbocharger Compressor Outlet Temperature Sensor B5208— Engine Coolant Temperature Sensor B5303— Fan Speed Sensor F5010— Cold Start Aid Fuse (50 A) H— To 6.8 L Wiring Diagram 7 I— To 6.8 L Wiring Diagram 8 J— To 6.8 L Wiring Diagram 8 K5803— Cold Start Aid Relay K5803-5— [5332 Red] Battery Power Positive</p>	<p>R5607— Cold Start Aid R5609— Cold Start Aid Resistor (1.5 K Ohm, 1 W) T— To 6.8 L Wiring Diagram 9 X5001— ECU Static Ground X5004— Cold Start Aid Interconnect Y5005— Variable Speed Fan Y5014— Fan Solenoid (Increase) Y5015— Fan Solenoid (Decrease)</p>
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6.8 L Wiring Diagram 7



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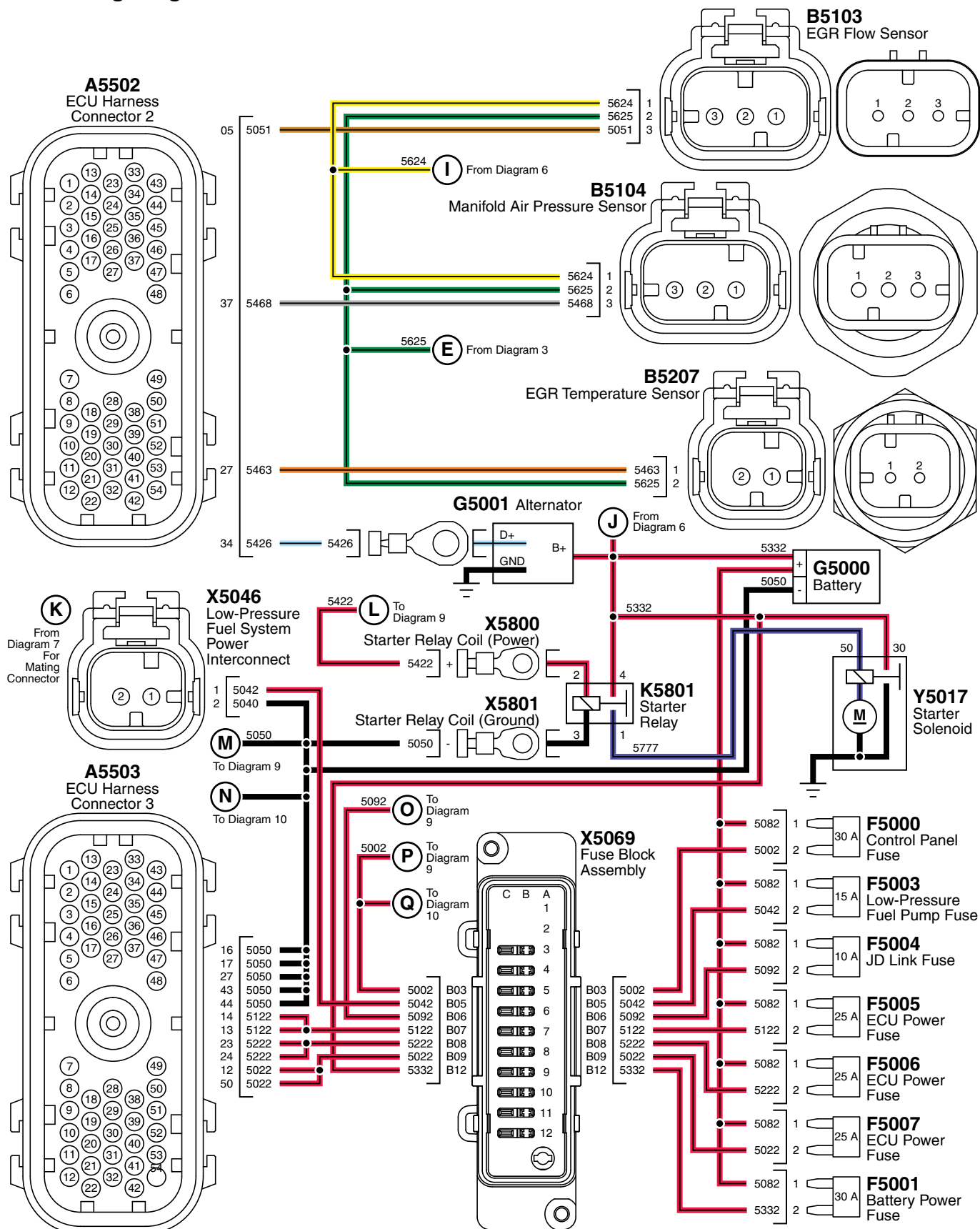
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Diagnostic Specifications

A5501— ECU Harness Connector 1	A5501-42— [5007 Violet] VGT Actuator Drive Positive	B5302— Camshaft Position Sensor	R5603— Engine CAN Terminator (120 Ohm)
A5501-22— [5003 Orange] Low-Pressure Fuel Pump Power On Signal	A5501-45— [5804 Yellow] Engine CAN High Signal	B5500— Intake Air Sensor	X5046— Low-Pressure Fuel System Power Interconnect
A5501-28— [5445 Green] Camshaft Position Sensor Signal	A5501-46— [5805 Green] Engine CAN Low Signal	D— [5625 Green] 5 V Sensor Supply #7 Return From 6.8 L Wiring Diagram 3	X5046-1— [5042 Red] Low-Pressure Fuel Pump Unswitched Power
A5501-29— [5443 Orange] Camshaft Position Sensor Return	A5502— ECU Harness Connector 2	F— [5783 Orange] 10 V Sensor Supply From 6.8 L Wiring Diagram 4	X5046-2— [5040 Black] Low-Pressure Fuel Pump Return
A5501-30— [5448 Gray] Crankshaft Position Sensor Return	A5502-18— [5053 Orange] Crankcase Pressure Sensor Signal	G— [5030 Black] Wiring Shield From 6.8 L Wiring Diagram 4	Y5500— VGT Actuator
A5501-31— [5006 Blue] VGT Actuator Drive Negative	B— [5628 Gray] Sensor Return #2 From 6.8 L Wiring Diagram 3	H— [5624 Yellow] 5 V Sensor Supply #7 Positive From 6.8 L Wiring Diagram 6	Y5501— Low-Pressure Fuel Pump
A5501-38— [5447 Violet] Crankshaft Position Sensor Signal	B5105— Crankcase Pressure Sensor	K— To 6.8 L Wiring Diagram 8 For Mating Connector	
	B5301— Crankshaft Position Sensor		

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6.8 L Wiring Diagram 8



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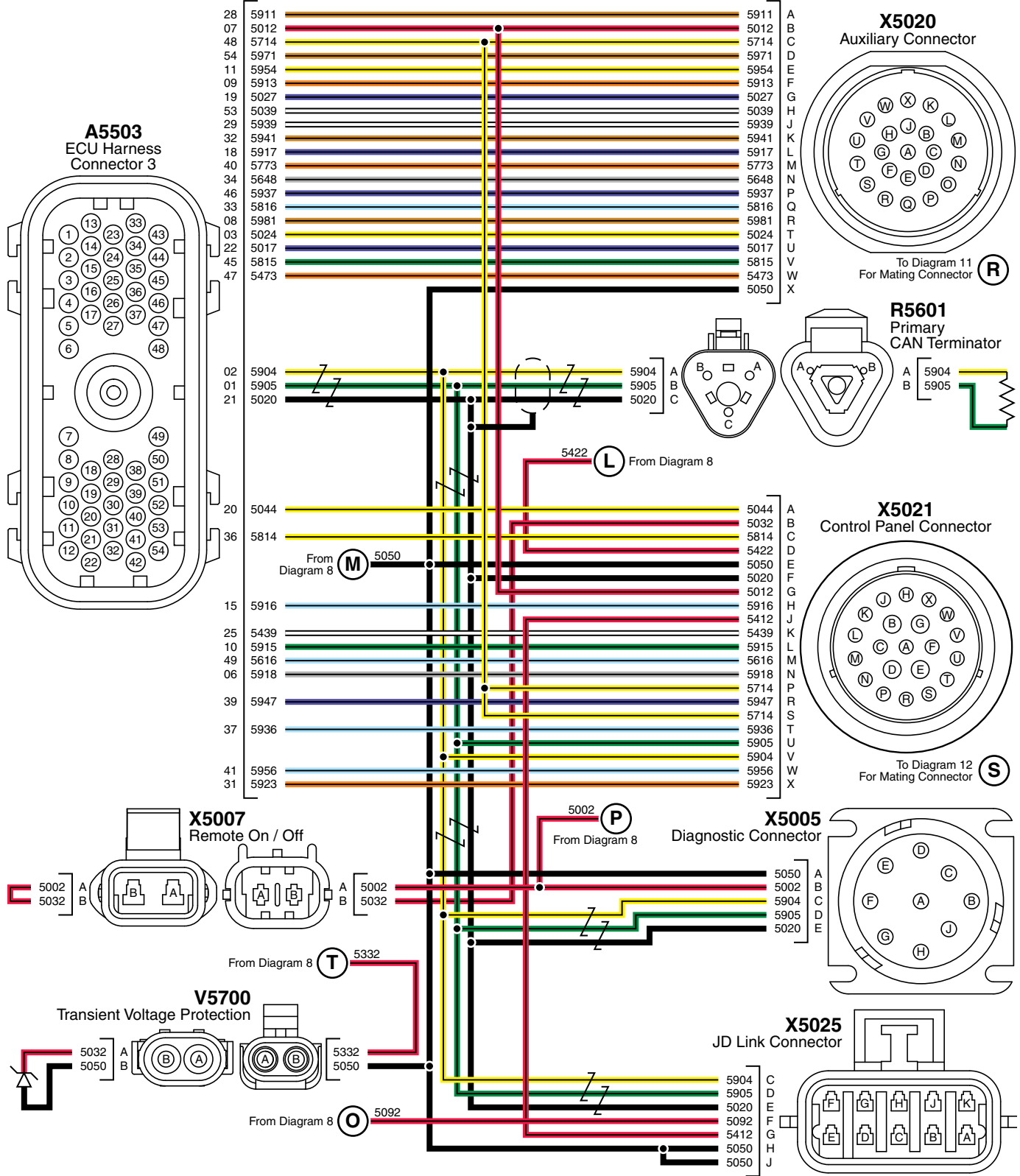
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Diagnostic Specifications

A5502— ECU Harness Connector 2	A5503-27— [5050 Black] Battery Negative	F5005— ECU Power Fuse (25 A)	Q— To 6.8 L Wiring Diagram 10
A5502-5— [5051 Brown] EGR Flow Sensor Signal	A5503-43— [5050 Black] Battery Negative	F5006— ECU Power Fuse (25 A)	X5046— Low-Pressure Fuel System Power Interconnect
A5502-27— [5463 Orange] EGR Temperature Sensor Signal	A5503-44— [5050 Black] Battery Negative	G5000— Battery	X5046-1— [5042 Red] Low-Pressure Fuel Pump Unswitched Power
A5502-34— [5426 Blue] Alternator Excitation	A5503-50— [5022 Red] ECU Power Positive	G5001— Alternator	X5046-2— [5040 Black] Low-Pressure Fuel Pump Return
A5502-37— [5468 Gray] Manifold Air Pressure Sensor Signal	B5103— EGR Flow Sensor	I— [5624 Yellow] 5 V Sensor Supply #7 Positive From 6.8 L Wiring Diagram 6	X5069— Fuse Block Assembly
A5503— ECU Harness Connector 3	B5104— Manifold Air Pressure Sensor	J— [5332 Red] Battery Power Positive From 6.8 L Wiring Diagram 6	X5069-B3— [5002 Red] Control Panel Unswitched Power
A5503-12— [5022 Red] ECU Power Positive	B5207— EGR Temperature Sensor	K— From 6.8 L Wiring Diagram 7 For Mating Connector	X5069-B6— [5092 Red] JD Link Unswitched Power
A5503-13— [5122 Red] ECU Power Positive	E— [5625 Green] 5 V Sensor Supply #7 Return From 6.8 L Wiring Diagram 3	K5801— Starter Relay	X5800— Starter Relay Coil (Power)
A5503-14— [5122 Red] ECU Power Positive	F5000— Control Panel Fuse (30 A)	K5801-1— [5777 Violet] Starter Excitation	X5800-Positive— [5422 Red] Start (Ground)
A5503-16— [5050 Black] Battery Negative	F5000-1— [5082 Red] Battery Power Positive	L— To 6.8 L Wiring Diagram 9	Y5017— Starter Solenoid
A5503-17— [5050 Black] Battery Negative	F5001— Transient Voltage Protection Fuse (30 A)	M— To 6.8 L Wiring Diagram 9	
A5503-23— [5222 Red] ECU Power Positive	F5003— Low-Pressure Fuel Pump Fuse (15 A)	N— To 6.8 L Wiring Diagram 10	
A5503-24— [5222 Red] ECU Power Positive	F5004— JD Link Fuse (10 A)	O— To 6.8 L Wiring Diagram 9	
		P— To 6.8 L Wiring Diagram 9	

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6.8 L Wiring Diagram 9



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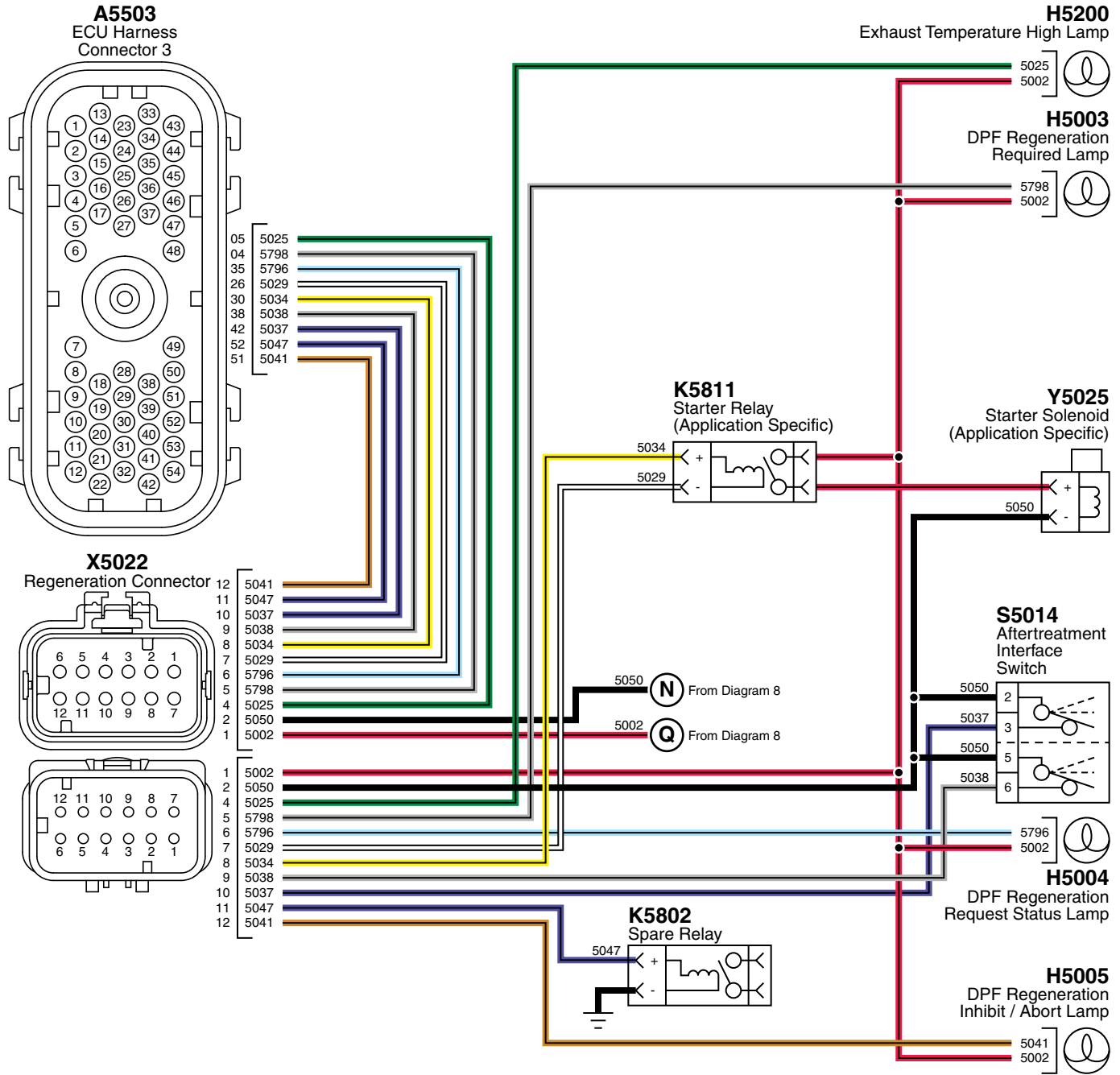
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Diagnostic Specifications

A5503— ECU Harness Connector 3	A5503-21— [5020 Black] Primary CAN Shield	A5503-41— [5956 Blue] Set Accelerator/Bump Up Switch	R— To 6.8 L Wiring Diagram 11 For Mating Connector
A5503-1— [5905 Green] Primary CAN Low	A5503-22— [5017 Violet] AC High Pressure Switch	A5503-45— [5815 Green] AC Compressor	R5601— Primary CAN Terminator
A5503-2— [5904 Yellow] Primary CAN High	A5503-25— [5439 White] Tachometer	A5503-46— [5937 Violet] Isochronous Governor	S— To 6.8 L Wiring Diagram 12 For Mating Connector
A5503-3— [5024 Yellow] Remote Throttle	A5503-28— [5911 Brown] 5 V Sensor Supply #5 Positive	A5503-47— [5473 Orange] Stop Lamp	T— [5332 Red] Battery Power Positive From 6.8 L Wiring Diagram 6
A5503-6— [5918 Gray] Shutdown Override Switch	A5503-29— [5939 White] External Derate Switch	A5503-48— [5714 Yellow] 5 V Sensor Supply #5 Return	V5700— Transient Voltage Protection
A5503-7— [5012 Red] Key Switch	A5503-31— [5923 Orange] Bump Enable Switch	A5503-49— [5616 Blue] 5 V Sensor Supply #4 Positive	X5005— Diagnostic Connector
A5503-8— [5981 Brown] PWM Throttle/Alternator Feedback	A5503-32— [5941 Brown] External Shutdown Switch	A5503-53— [5039 White] Vehicle Speed Input	X5007— Remote On/Off
A5503-9— [5913 Orange] Secondary Throttle	A5503-33— [5816 Blue] Cruise Brake Switch	A5503-54— [5971 Brown] Cruise Cancel/Resume Switch	X5020— Auxiliary Connector
A5503-10— [5915 Green] Primary Throttle	A5503-34— [5648 Gray] Sensor Return #5	L— [5422 Red] Start From 6.8 L Wiring Diagram 8	X5021— Control Panel Connector
A5503-11— [5954 Yellow] Cruise On Switch	A5503-36— [5814 Yellow] 5 V Sensor Supply #4 Return	M— [5050 Black] Battery Negative From 6.8 L Wiring Diagram 8	X5021-B— [5032 Red] Fused Unswitched Power
A5503-15— [5916 Blue] Warning Lamp	A5503-37— [5936 Blue] Cruise Resume/Bump Down Switch	O— [5092 Red] JD Link Unswitched Power From 6.8 L Wiring Diagram 8	X5021-J— [5412 Red] Accessory
A5503-18— [5917 Violet] Cruise Remote	A5503-39— [5947 Violet] Digital Throttle	P— [5002 Red] Control Panel Unswitched Power From 6.8 L Wiring Diagram 8	X5025— JD Link Connector
A5503-19— [5027 Violet] Air Filter Switch	A5503-40— [5773 Orange] Spare Driver Positive		

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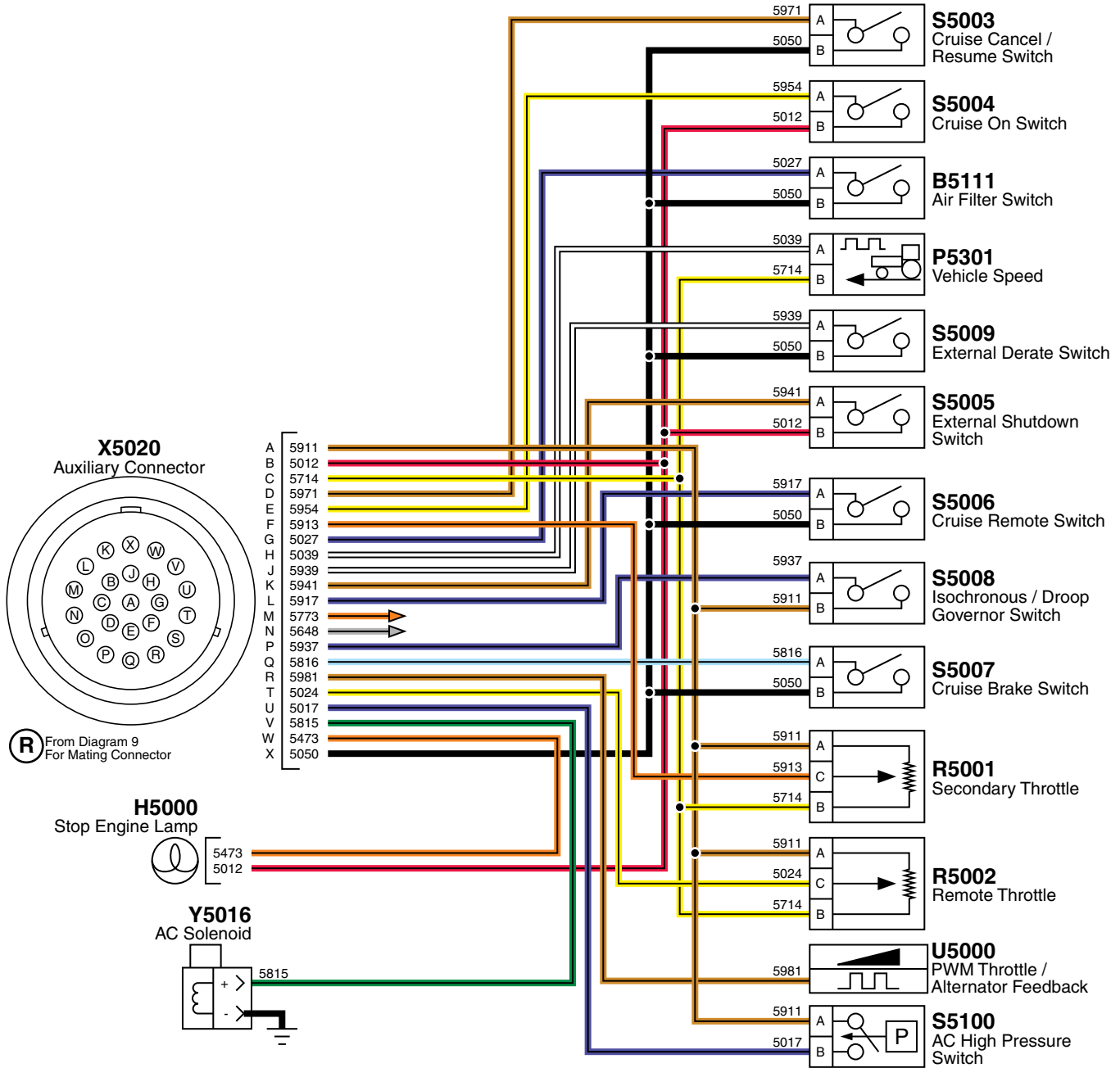
6.8 L Wiring Diagram 10



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|--|---|--|--|
| A5503 — ECU Harness Connector | A5503-38 — [5038 Gray] DPF Regeneration Request Switch | H5004 — DPF Regeneration Request Status Lamp | Q — [5002 Red] Control Panel Unswitched Power From 6.8 L Wiring Diagram 8 |
| A5503-4 — [5798 Gray] DPF Regeneration Required Lamp | A5503-42 — [5037 Violet] DPF Regeneration Inhibit/Abort Switch | H5005 — DPF Regeneration Inhibit/Abort Lamp | S5014 — Aftertreatment Interface Switch |
| A5503-5 — [5025 Green] Exhaust Temperature High Lamp | A5503-51 — [5041 Brown] DPF Regeneration Inhibit/Abort Lamp | H5200 — Exhaust Temperature High Lamp | X5022 — Regeneration Connector |
| A5503-26 — [5029 White] Starter Relay Control Negative | A5503-52 — [5047 Violet] Spare Driver Positive | K5811 — Starter Relay (Application Specific) | Y5025 — Starter Solenoid (Application Specific) |
| A5503-30 — [5034 Yellow] Starter Relay Control Positive | H5003 — DPF Regeneration Required Lamp | K5802 — Spare Relay | |
| A5503-35 — [5796 Blue] DPF Regeneration Status Lamp | | N — [5050 Black] Battery Negative From 6.8 L Wiring Diagram 8 | |

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6.8 L Wiring Diagram 11



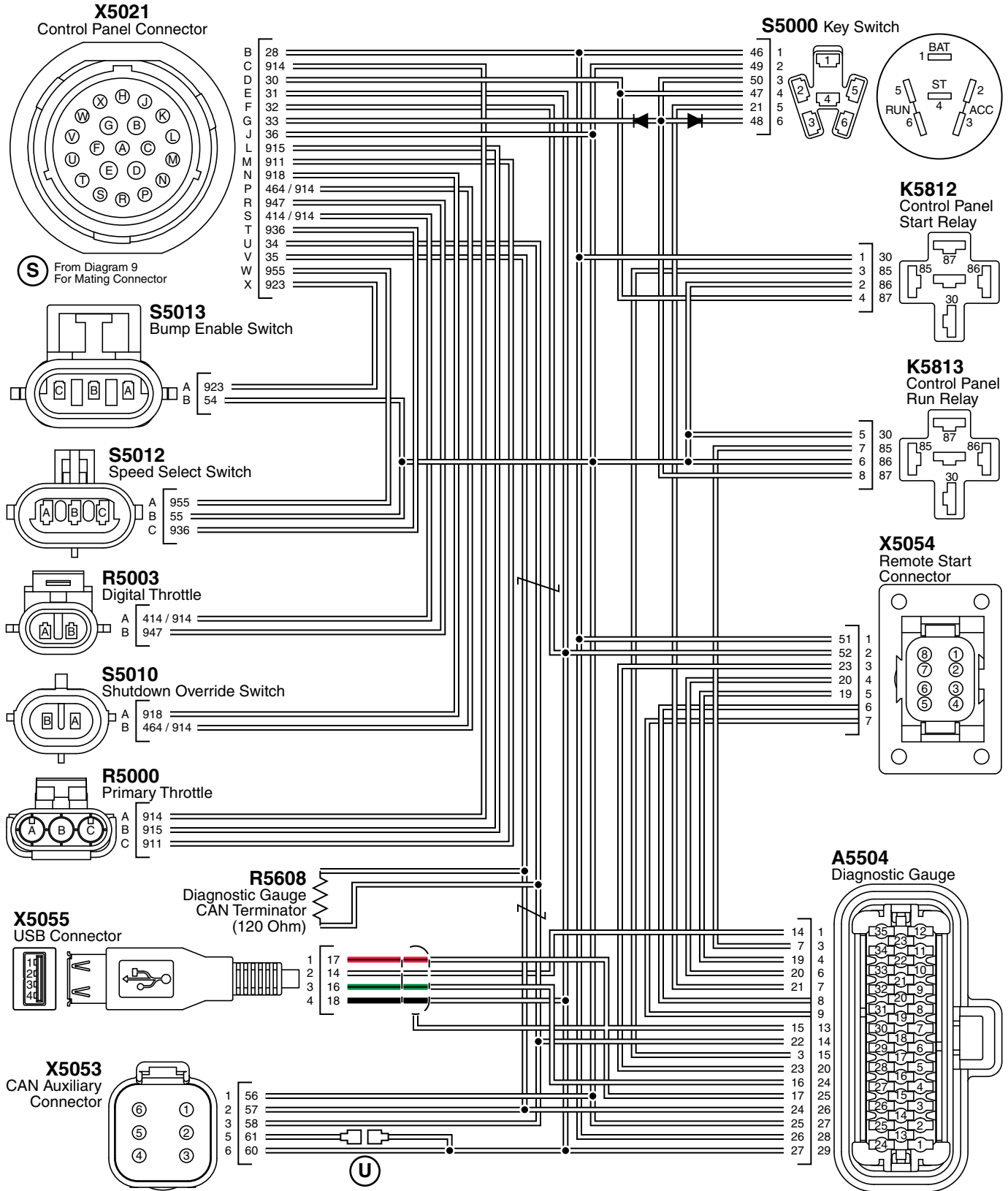
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Diagnostic Specifications

B5111— Air Filter Switch	S5009— External Derate Switch	X5020-G— [5027 Violet] Air Filter Switch	X5020-R— [5981 Brown] PWM Throttle/Alternator Feedback
H5000— Stop Engine Lamp	S5100— AC High Pressure Switch	X5020-H— [5039 White] Vehicle Speed Input	X5020-T— [5024 Yellow] Remote Throttle
P5301— Vehicle Speed	U5000— PWM Throttle/Alternator Feedback	X5020-J— [5939 White] External Derate Switch	X5020-U— [5017 Violet] AC High Pressure Switch
R— From 6.8 L Wiring Diagram 9 For Mating Connector	X5020— Auxiliary Connector	X5020-K— [5941 Brown] External Shutdown Switch	X5020-V— [5815 Green] AC Compressor
R5001— Secondary Throttle	X5020-A— [5911 Brown] 5 V Sensor Supply #5 Positive	X5020-L— [5917 Violet] Cruise Cancel/Resume Switch	X5020-W— [5473 Orange] Stop Lamp
R5002— Remote Throttle	X5020-B— [5012 Red] Key Switch	X5020-M— [5773 Orange] Spare Driver Positive	X5020-X— [5050 Black] Battery Negative
S5003— Cruise Cancel/Resume Switch	X5020-C— [5714 Yellow] 5 V Sensor Supply #5 Return	X5020-N— [5648 Gray] Sensor Return #5	Y5016— AC Solenoid
S5004— Cruise On Switch	X5020-D— [5971 Brown] Cruise Cancel/Resume Switch	X5020-P— [5937 Violet] Isochronous Governor	
S5005— External Shutdown Switch	X5020-E— [5954 Yellow] Cruise On Switch	X5020-Q— [5816 Blue] Cruise Brake Switch	
S5006— Cruise Remote Switch	X5020-F— [5913 Orange] Secondary Throttle		
S5007— Cruise Brake Switch			
S5008— Isochronous/Droop Governor Switch			

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6.8 L Wiring Diagram 12



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Diagnostic Specifications

A5504— Diagnostic Gauge	R5003— Digital Throttle	X5021-E— [31 White] Battery Negative	X5021-T— [936 White] Cruise Resume/Bump Down Switch
A5504-1— USB D Negative	R5608— CAN Terminator	X5021-F— [32 White] Primary CAN Shield	X5021-U— [34 White] Primary CAN Low
A5504-3— Run Return	S— From 6.8 L Wiring Diagram 9 For Mating Connector	X5021-G— [33 White] Key Switch	X5021-V— [35 White] Primary CAN High
A5504-4— Pre-Start Alarm	S5000— Key Switch	X5021-J— [36 White] Accessory Throttle	X5021-W— [955 White] Set Accelerator/Bump Up Switch
A5504-6— Remote Stop	S5010— Shutdown Override Switch	X5021-L— [915 White] Primary Throttle	X5021-X— [923 White] Bump Enable Switch
A5504-7— Manual Input Signal	S5012— Speed Select Switch	X5021-M— [911 White] 5 V Sensor Supply #4 Positive	X5053— CAN Auxiliary Connector
A5504-8— Fuel Level Signal	S5013— Bump Enable Switch	X5021-N— [918 White] Shutdown Override Switch	X5054— Remote Start Connector
A5504-9— Interlock Signal	U— PVCAN Gauge Backlight Quick Disconnect	X5021-P— [464 /914 White] 5 V Sensor Supply #5 Return	X5055— USB Connector
A5504-13— USB Shield	X5021— Control Panel Connector	X5021-R— [947 White] Digital Throttle	
A5504-15— Start	X5021-B— [28 White] Fused Unswitched Power	X5021-S— [414 /914 White] 5 V Sensor Supply #5 Return	
A5504-20— Remote Start	X5021-C— [914 White] 5 V Sensor Supply #4 Return		
A5504-24— USB D Positive	X5021-D— [30 White] Start		
A5504-25— USB VBus			
K5812— Control Panel Start Relay			
K5813— Control Panel Run Relay			
R5000— Primary Throttle			

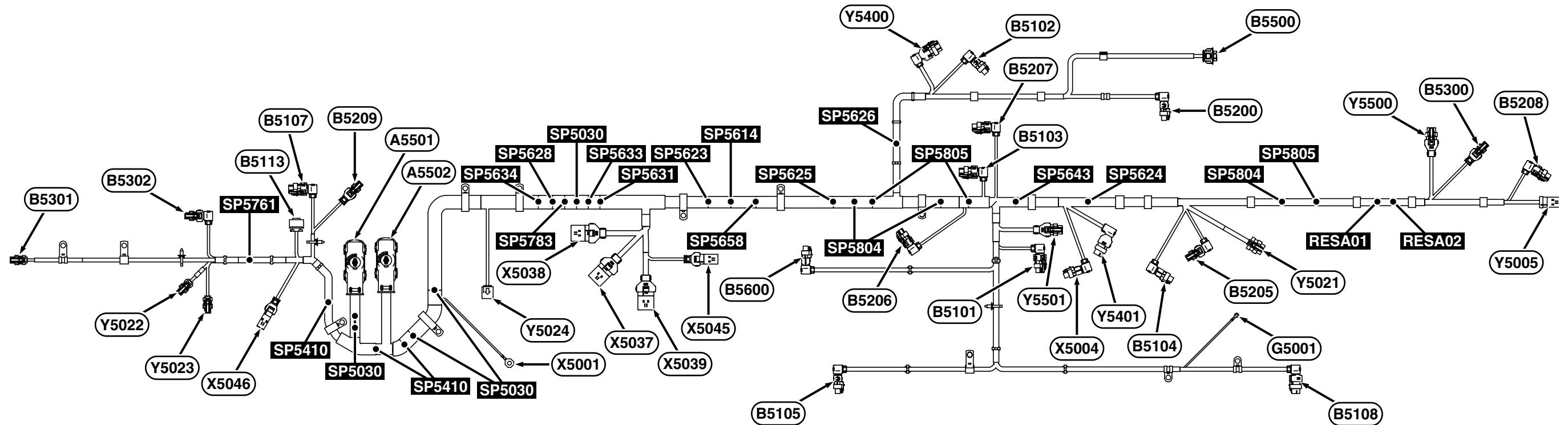
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Connector and Wire Splice Location Diagrams

NOTE: The harness diagrams provided are for a typical John Deere supplied OEM harness. Connector and wire splice locations may not apply to all applications.

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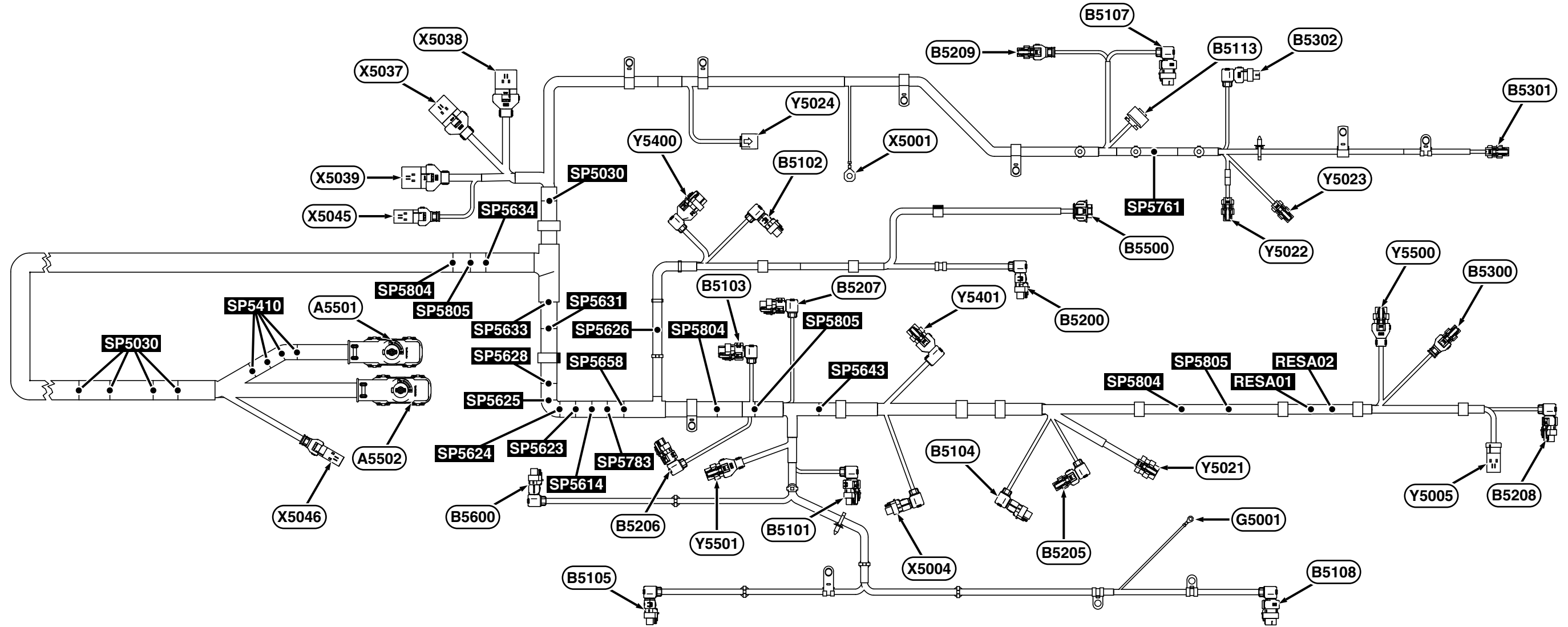
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Engine Harness Option Code 84DT- Engine Mounted ECU

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Engine Harness Option Code 84EP- Remote Mounted ECU

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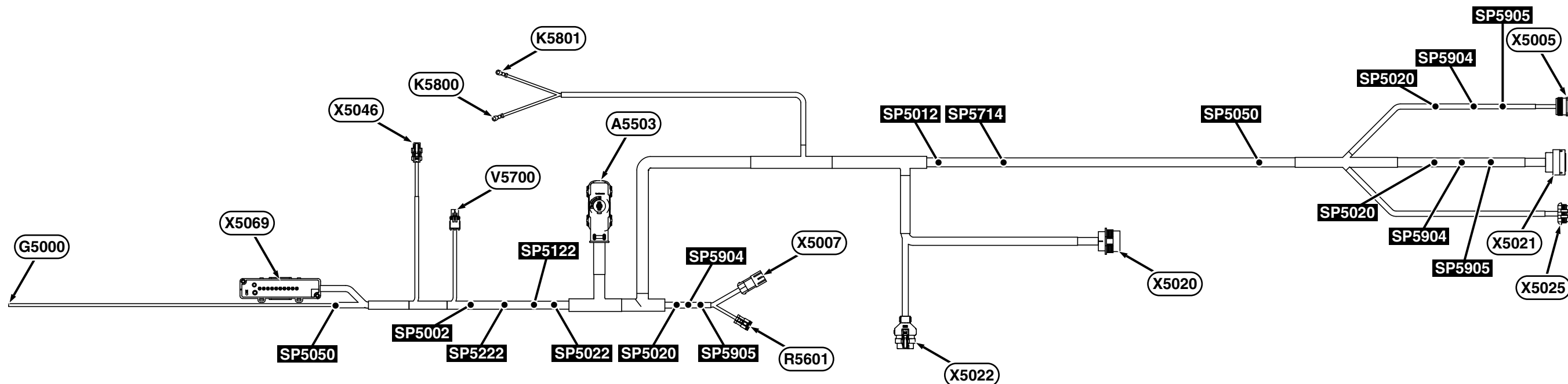
Diagnostic Specifications

A5501— ECU Harness Connector 1	B5205— Charge Air Cooler Outlet Temperature Sensor Connector	SP5030— Splice 5030	X5039— Aftertreatment Interconnect
A5502— ECU Harness Connector 2	B5206— Manifold Air Temperature Sensor Connector	SP5410— Splice 5410	X5045— Engine Coolant Level Interconnect
B5101— Engine Oil Pressure Sensor Connector	B5207— EGR Temperature Sensor Connector	SP5614— Splice 5614	X5046— Low-Pressure Fuel System Power Interconnect
B5102— Exhaust Manifold Pressure Sensor Connector	B5208— Engine Coolant Temperature Sensor Connector	SP5623— Splice 5623	Y5005— Variable Speed Fan Connector
B5103— EGR Flow Sensor Connector	B5209— Fuel Temperature Sensor Connector	SP5624— Splice 5624	Y5021— Fuel Injector Harness Connector
B5104— Manifold Air Pressure Sensor Connector	B5300— VGT Speed Sensor Connector	SP5625— Splice 5625	Y5022— Fuel Pressure Control Valve 1 Connector
B5105— Crankcase Pressure Sensor Connector	B5301— Crankshaft Position Sensor Connector	SP5626— Splice 5626	Y5023— Fuel Pressure Control Valve 2 Connector
B5107— Low-Pressure Fuel Pressure Sensor Connector	B5302— Camshaft Position Sensor Connector	SP5628— Splice 5628	Y5024— Fuel Rail Pressure Relief Valve Connector
B5108— Engine Coolant Pressure Sensor Connector	B5500— Intake Air Sensor Connector	SP5631— Splice 5631	Y5400— EGR Valve Connector
B5113— Fuel Rail Pressure Sensor Connector	B5600— Water-In-Fuel Sensor Connector	SP5633— Splice 5633	Y5401— Air Throttle Actuator Connector
B5200— Fixed Turbocharger Compressor Outlet Temperature Sensor Connector	G5001— Alternator	SP5634— Splice 5634	Y5500— VGT Actuator Connector
	RESA01— Splice RESA01	SP5643— Splice 5643	Y5501— Low-Pressure Fuel Pump Connector
	RESA02— Splice RESA02	SP5658— Splice 5658	
		SP5761— Splice 5761	
		SP5783— Splice 5783	
		SP5804— Splice 5804	
		SP5805— Splice 5805	
		X5001— ECU Static Ground	
		X5004— Cold Start Aid Interconnect	
		X5037— DEF Dosing Unit Interconnect	
		X5038— DEF Dosing System Interconnect	

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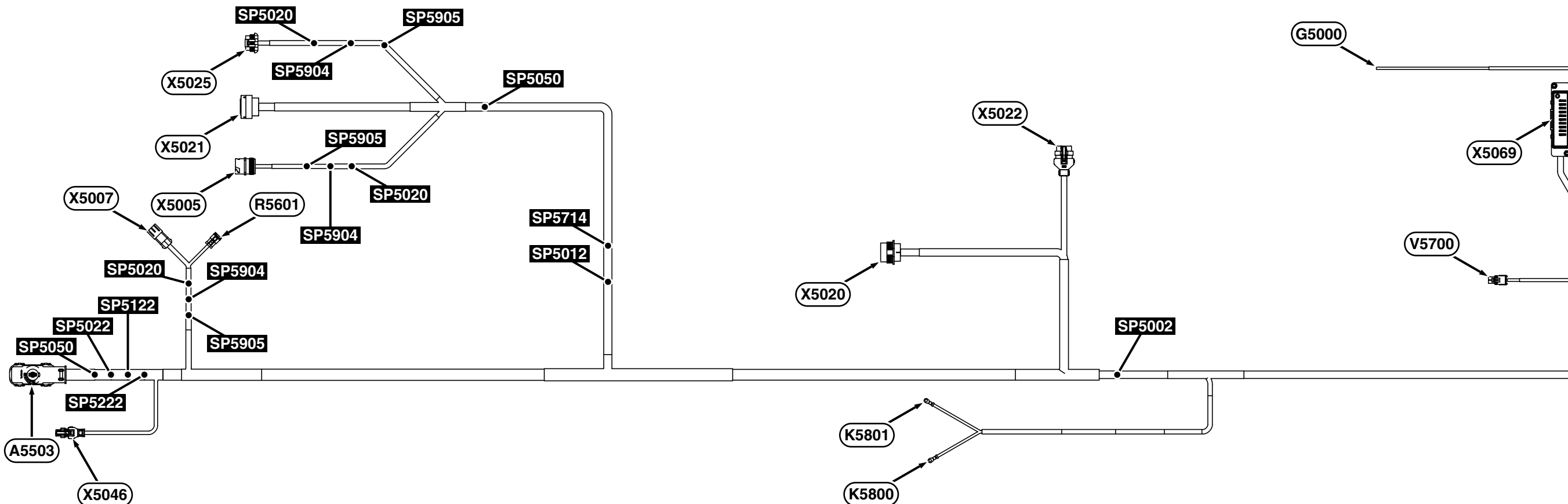
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RG23558 —UN—27AUG13



Control Panel Harness Option Code 919W - Engine Mounted ECU

RG23559 —UN—27AUG13



Control Panel Harness Option Code 919V - Remote Mounted ECU

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Diagnostic Specifications

A5503— ECU Harness Connector 3	SP5012— Splice 5012	SP5905— Splice 5905	X5022— Regeneration Connector
G5000— Battery Ground	SP5020— Splice 5020	V5700— Transient Voltage Protection	X5025— JD Link Connector
K5800— Starter Relay Coil Power	SP5022— Splice 5022	X5005— Diagnostic Connector	X5046— Low-Pressure Fuel System Power Interconnect
K5801— Starter Relay Coil Ground	SP5050— Splice 5050	X5007— Remote On/Off	X5069— Fuse Block Assembly
R5601— Primary CAN Terminator	SP5122— Splice 5122	X5020— Auxiliary Connector	
SP5002— Splice 5002	SP5222— Splice 5222	X5021— Control Panel Connector	
	SP5714— Splice 5714		
	SP5904— Splice 5904		

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