

Note

All wiring connections between components are shown exactly as they exist in the vehicles. It is important to realize, however, that no attempt has been made on the schematics to represent components and wiring as they physically appear on the vehicle. For example, a 4-foot length of wire is treated no differently in a schematic from one that is only a few inches long. Furthermore, to aid in understanding electrical (electronic) operation, wiring inside complicated components has been simplified.

Complete Circuit Operation

Each circuit is shown completely and independently in one cell. Other components that are connected to the circuits may not be shown unless they influence the circuit operation.

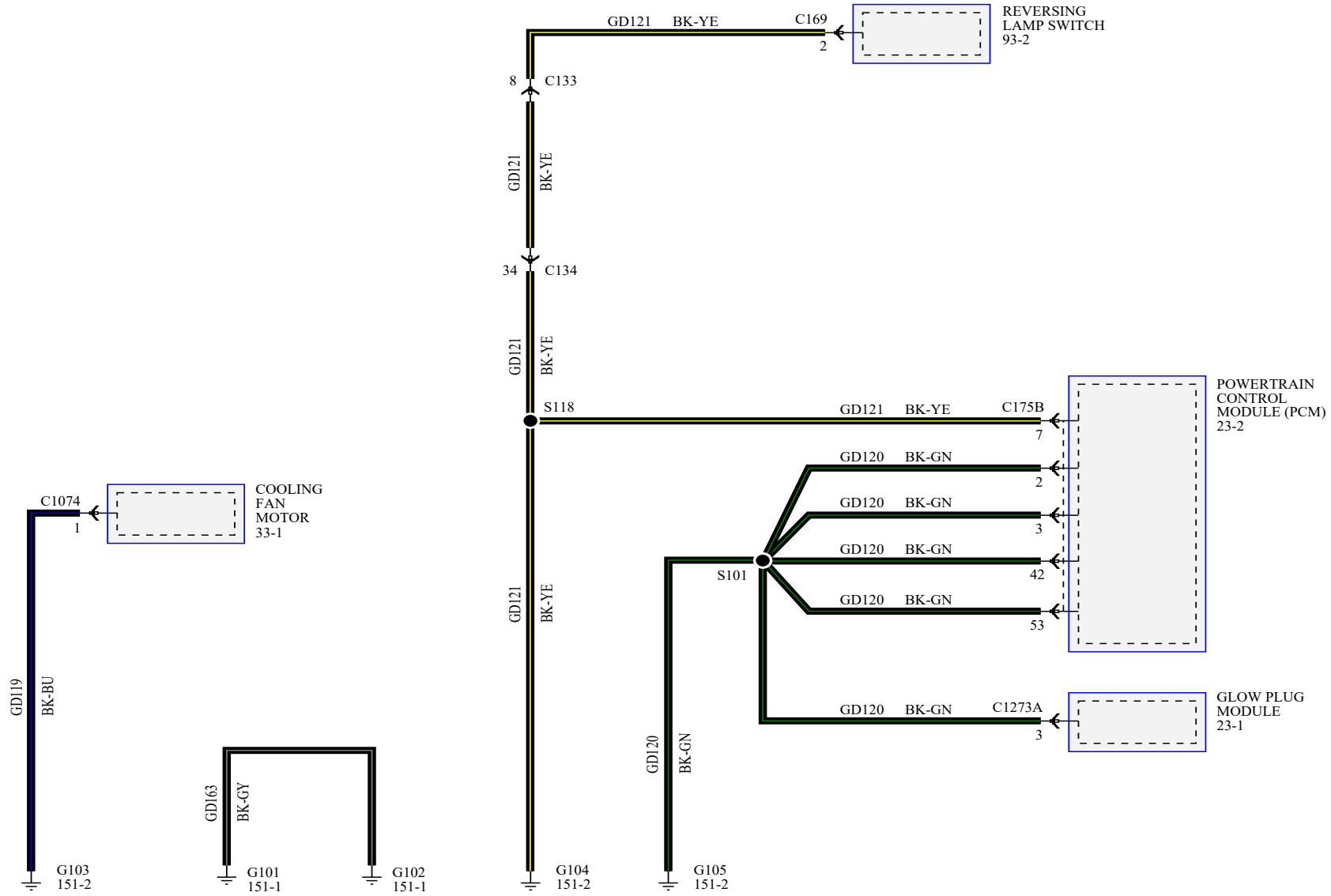
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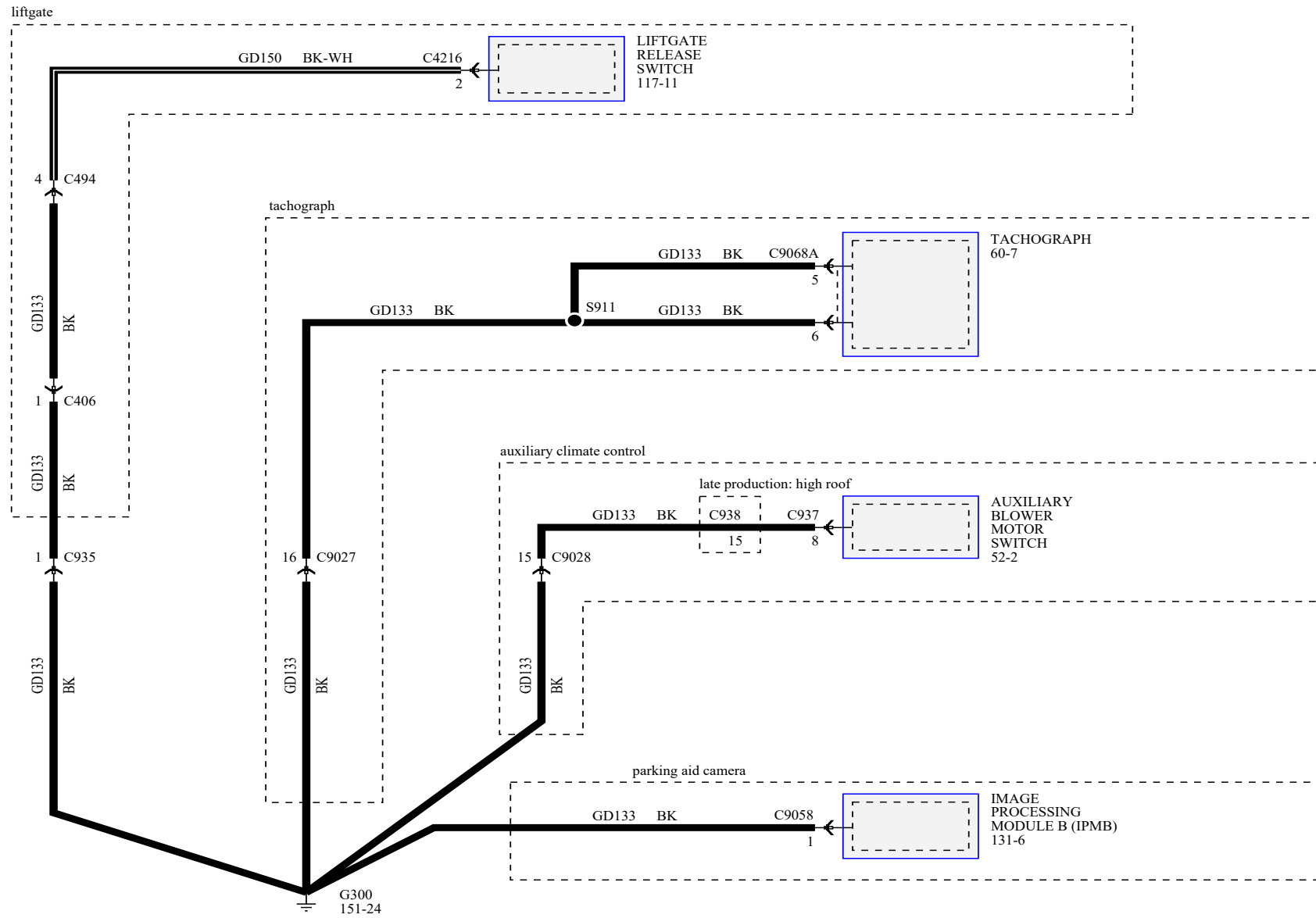
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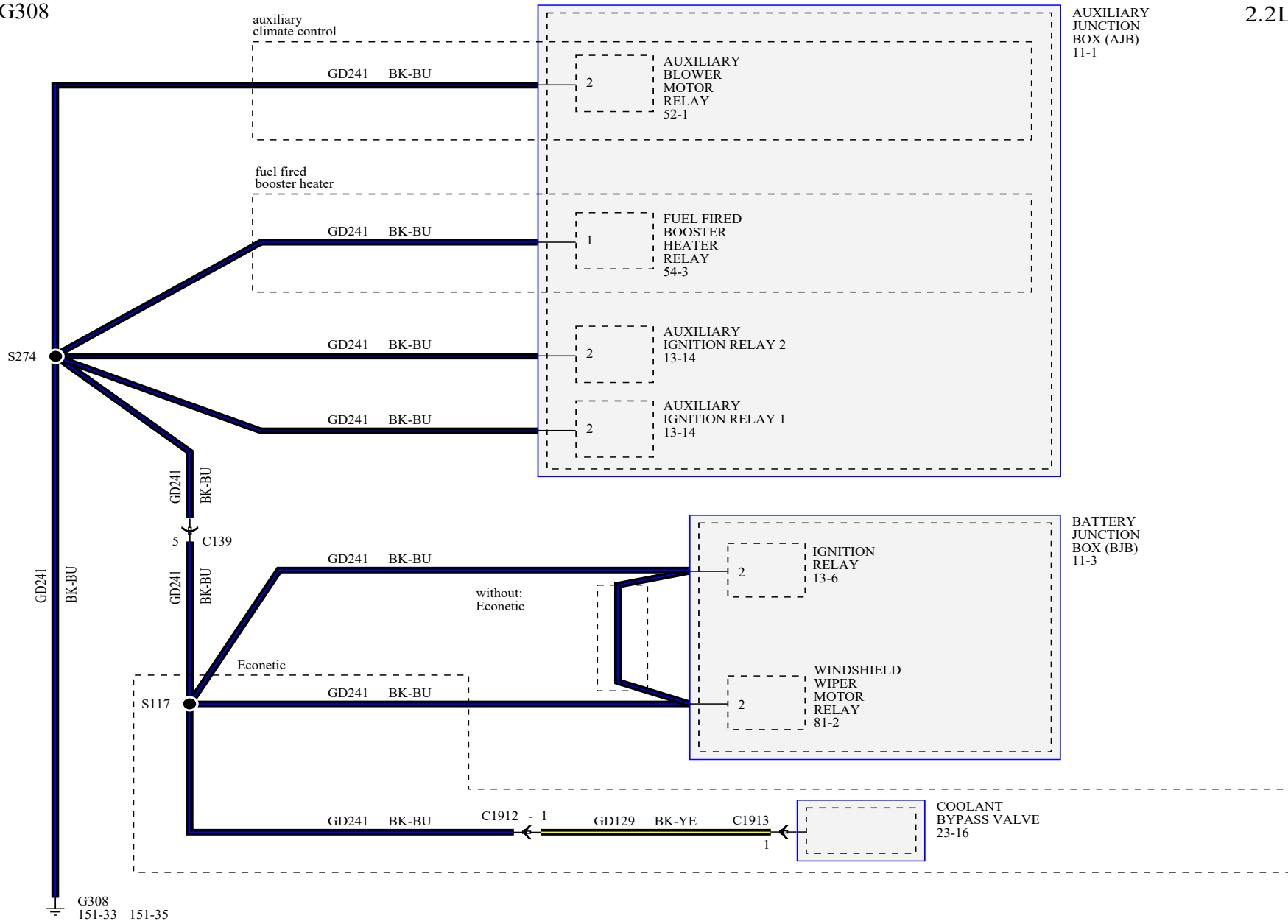
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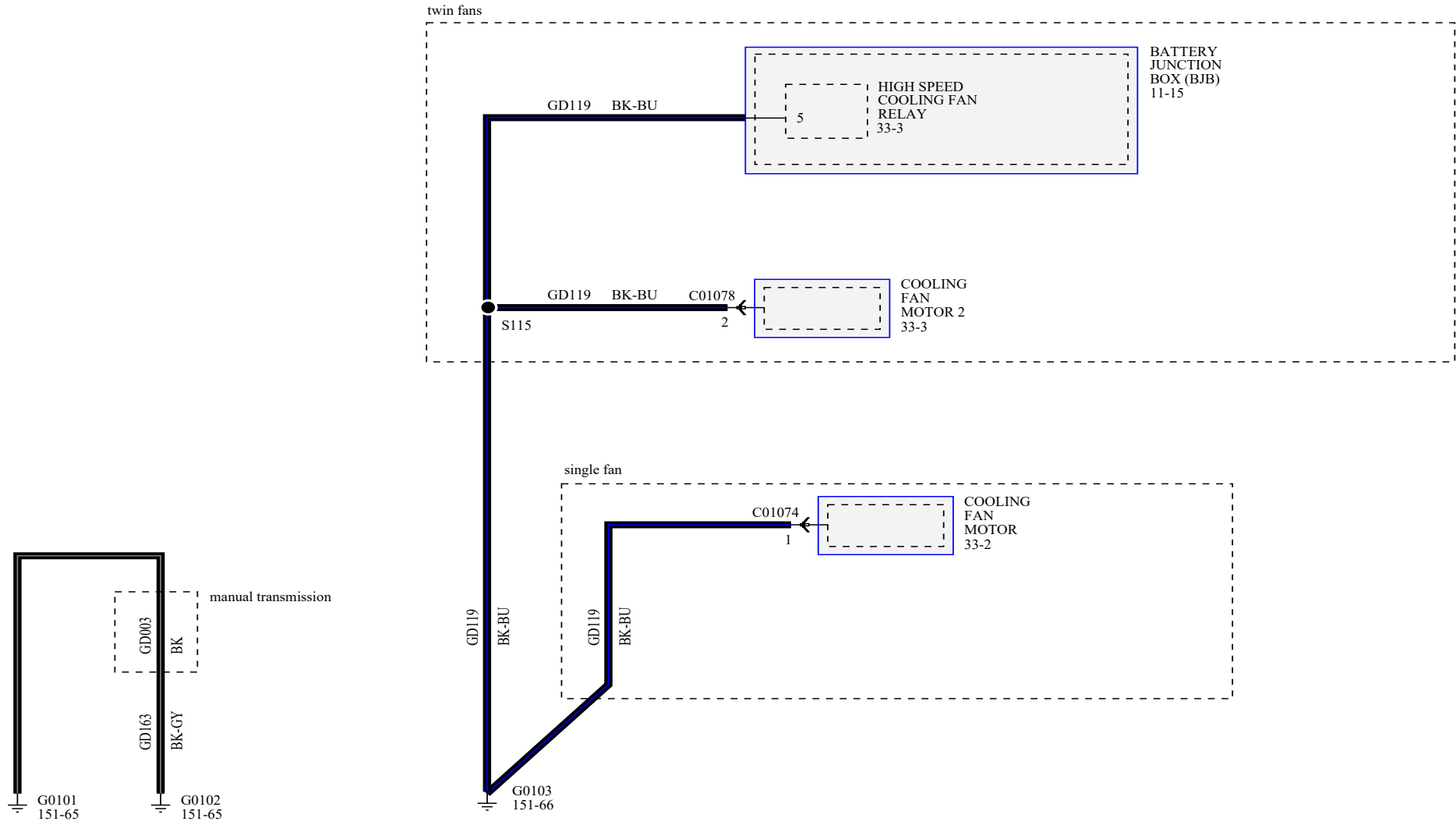


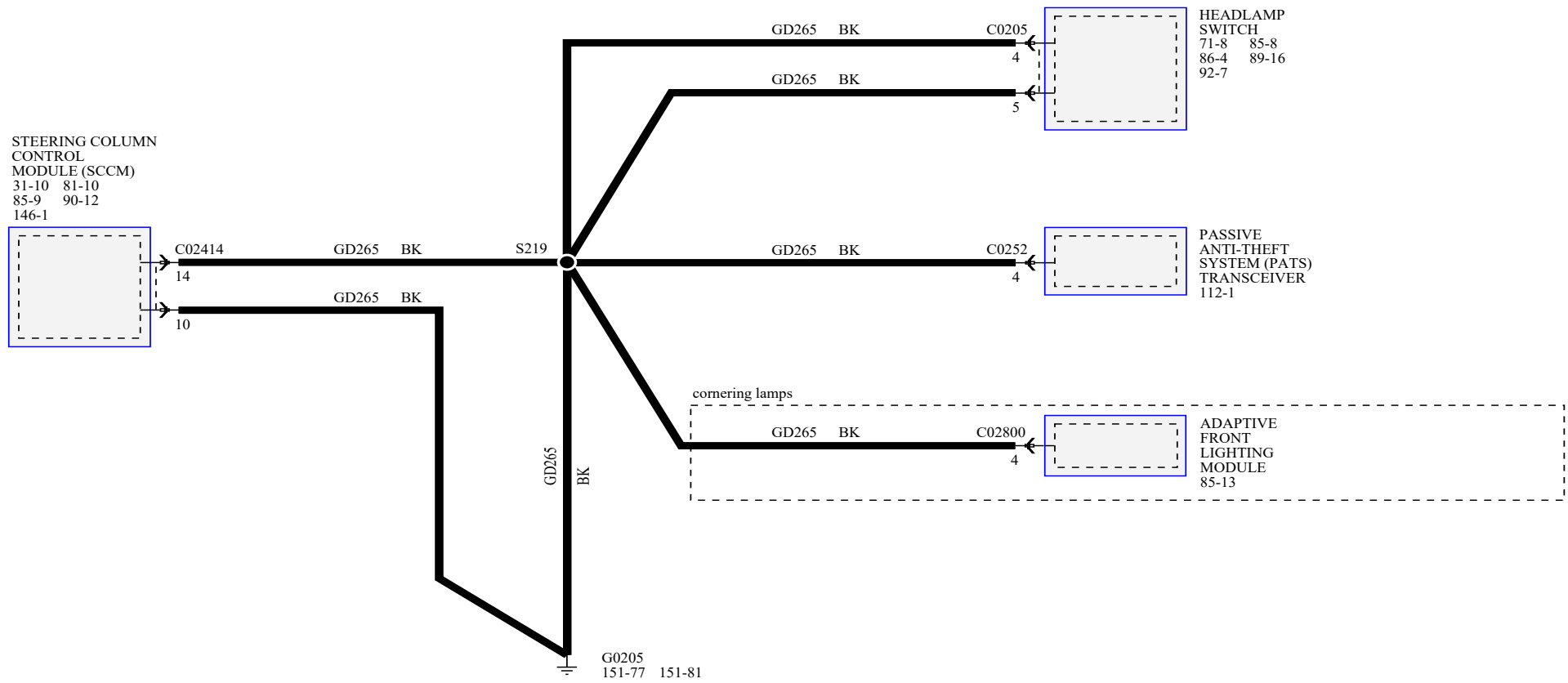


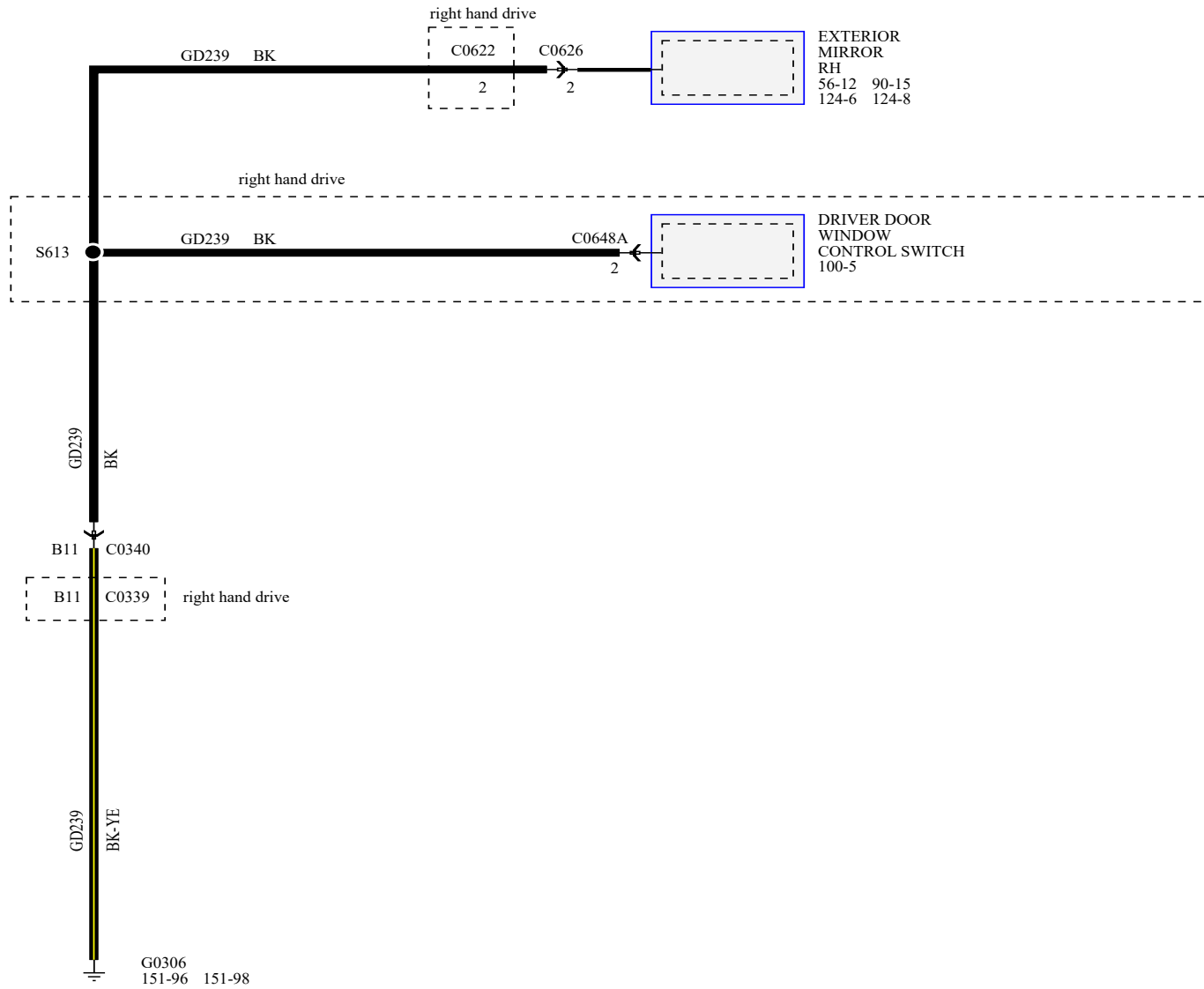
G308

2.2L





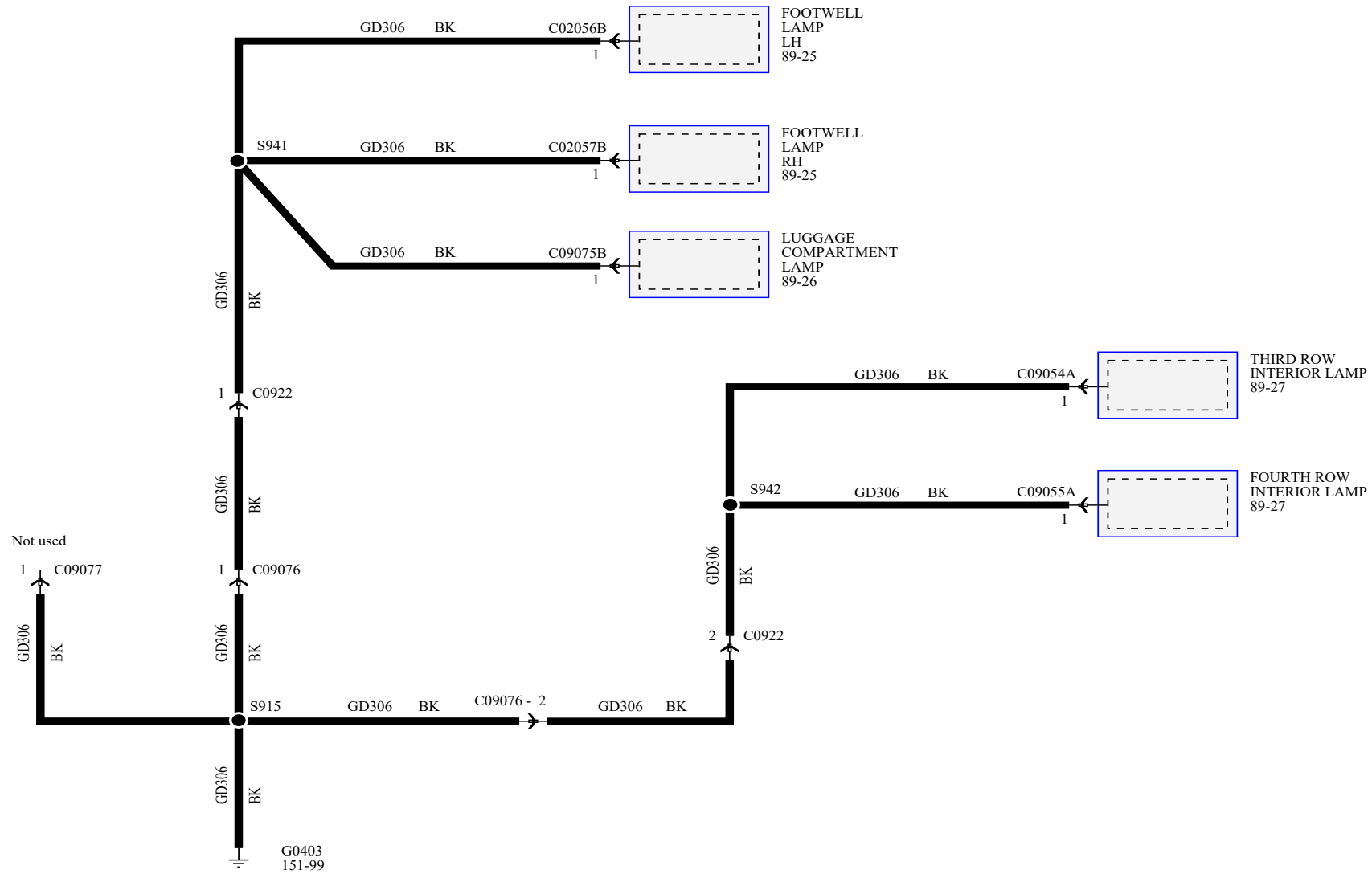




G0403

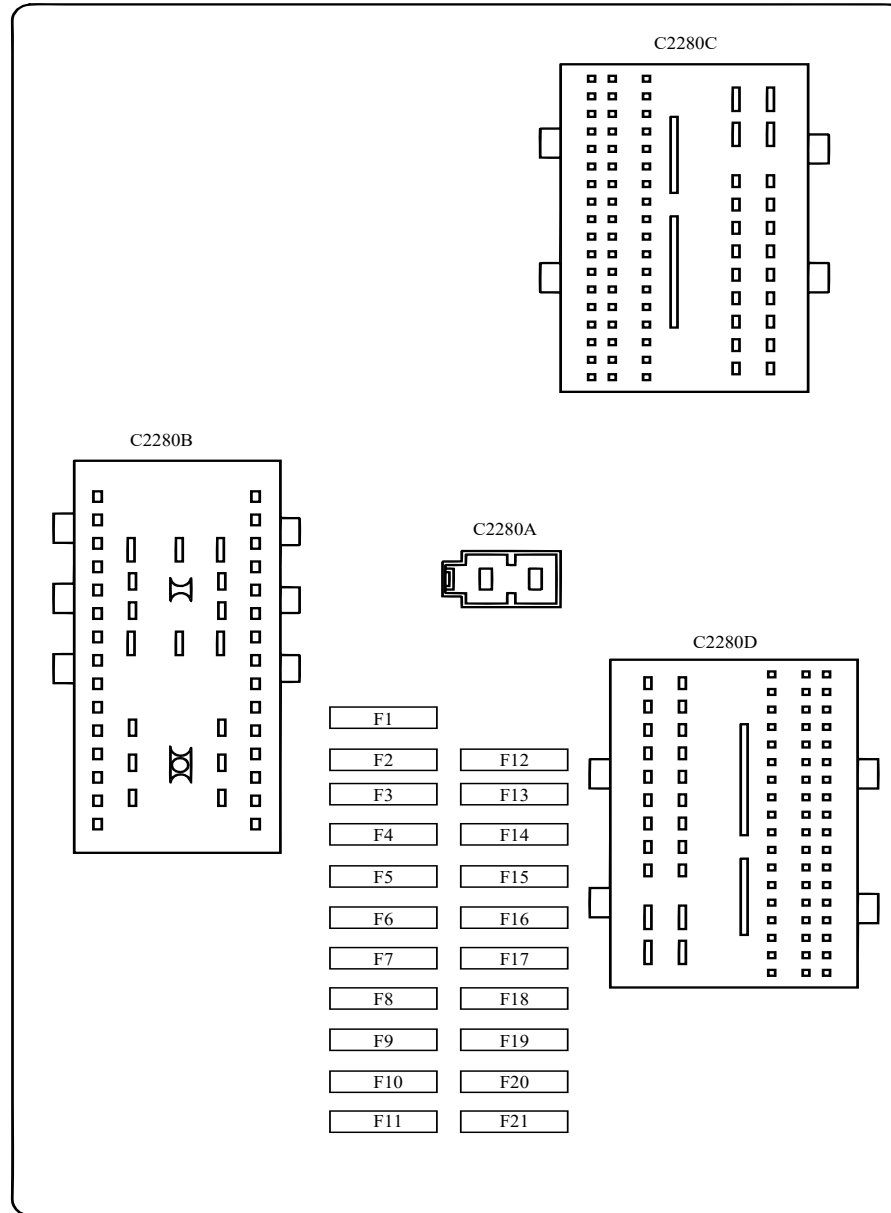
2.0L

BUS, KOMBI



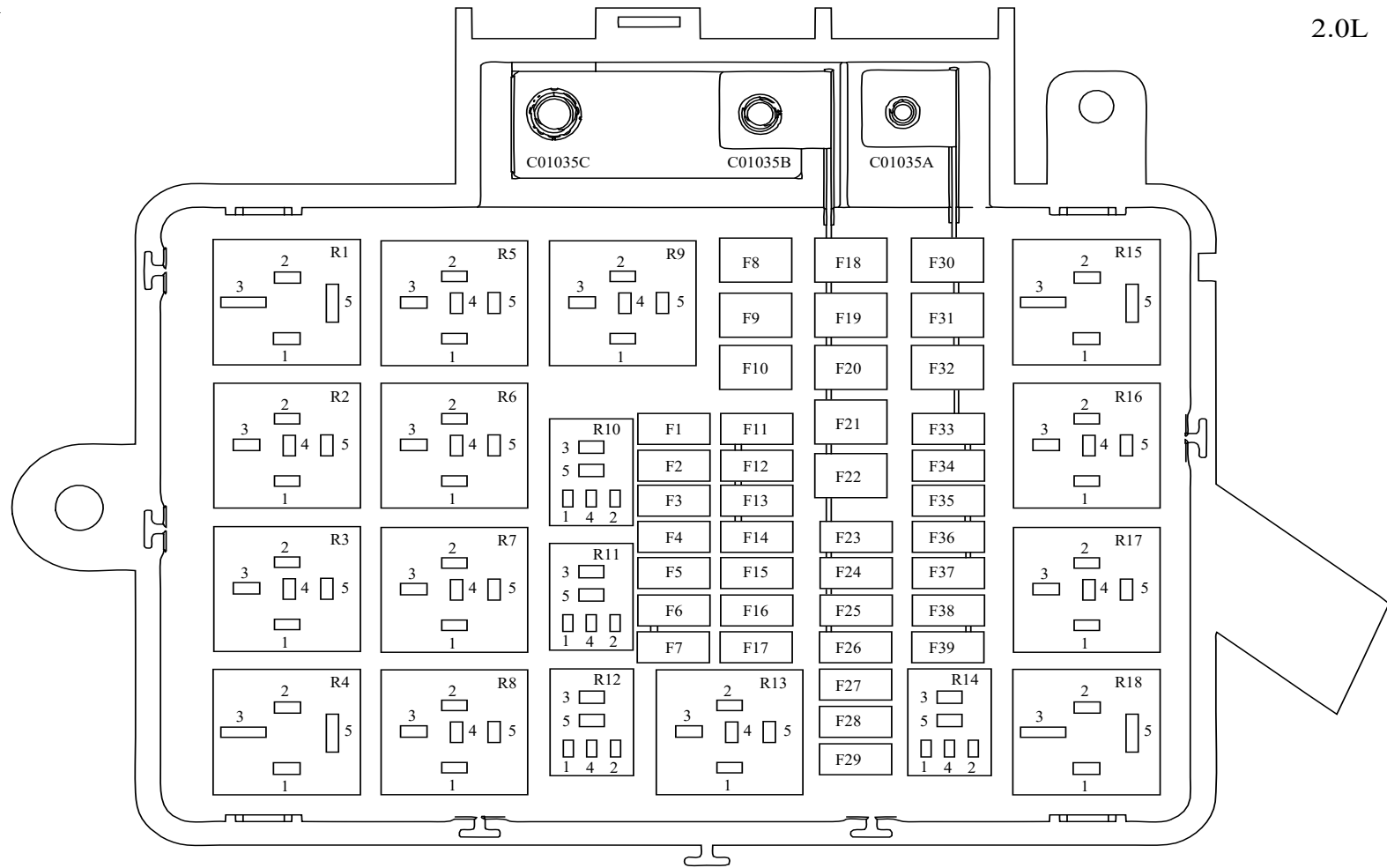
BODY CONTROL MODULE (BCM)

2.2L



BATTERY JUNCTION BOX (BJB)

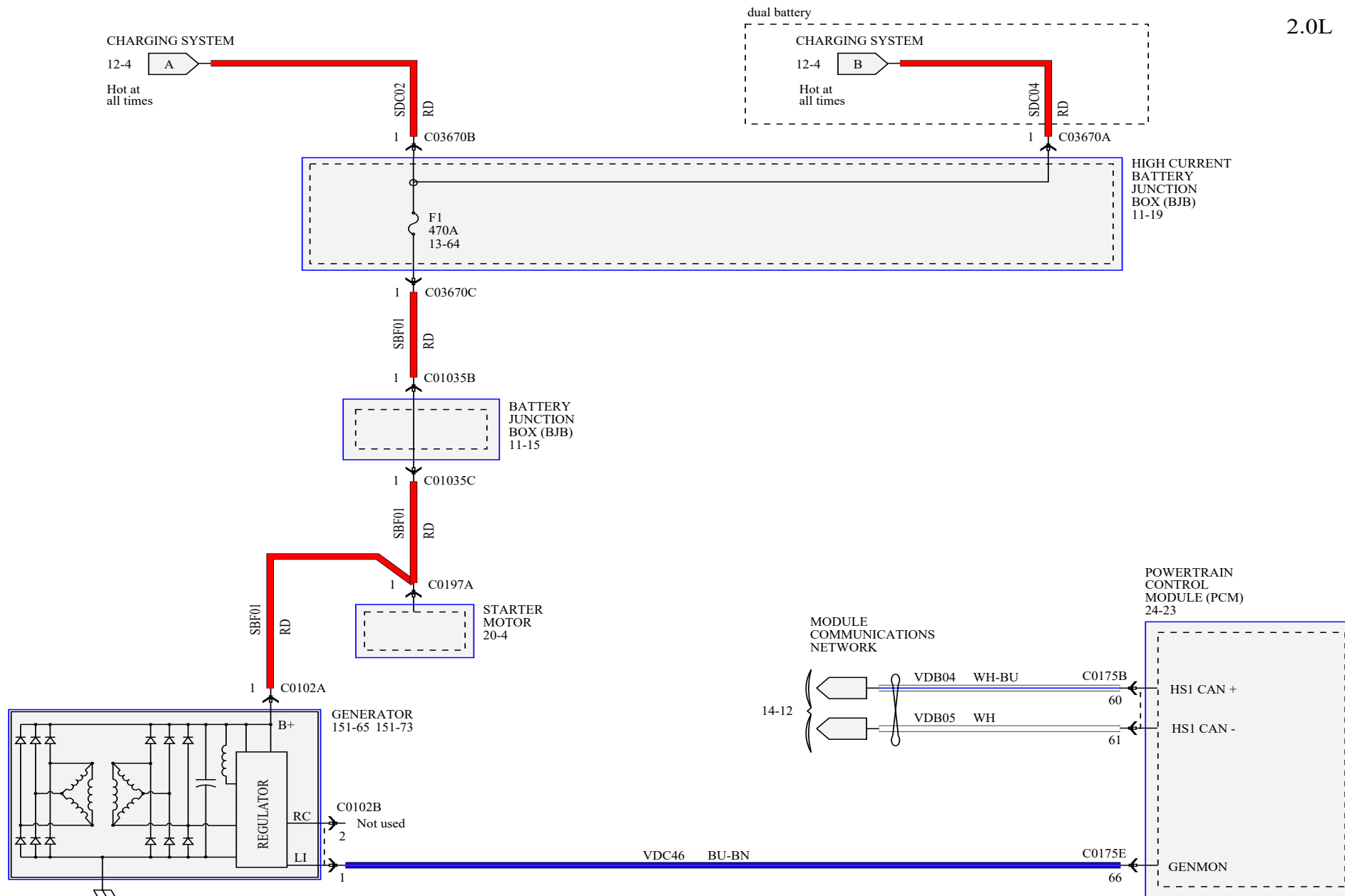
2.0L



Relay	Relay
R1	High speed cooling fan relay
R2	Not used
R3	Rear window wiper relay
R4	Rear air suspension relay
R5	Cooling fan relay
R6	Not used

Relay	Relay
R7	Not used
R8	Not used
R9	Starter relay
R10	Air Conditioning (A/C) clutch relay
R11	Not used
R12	Not used

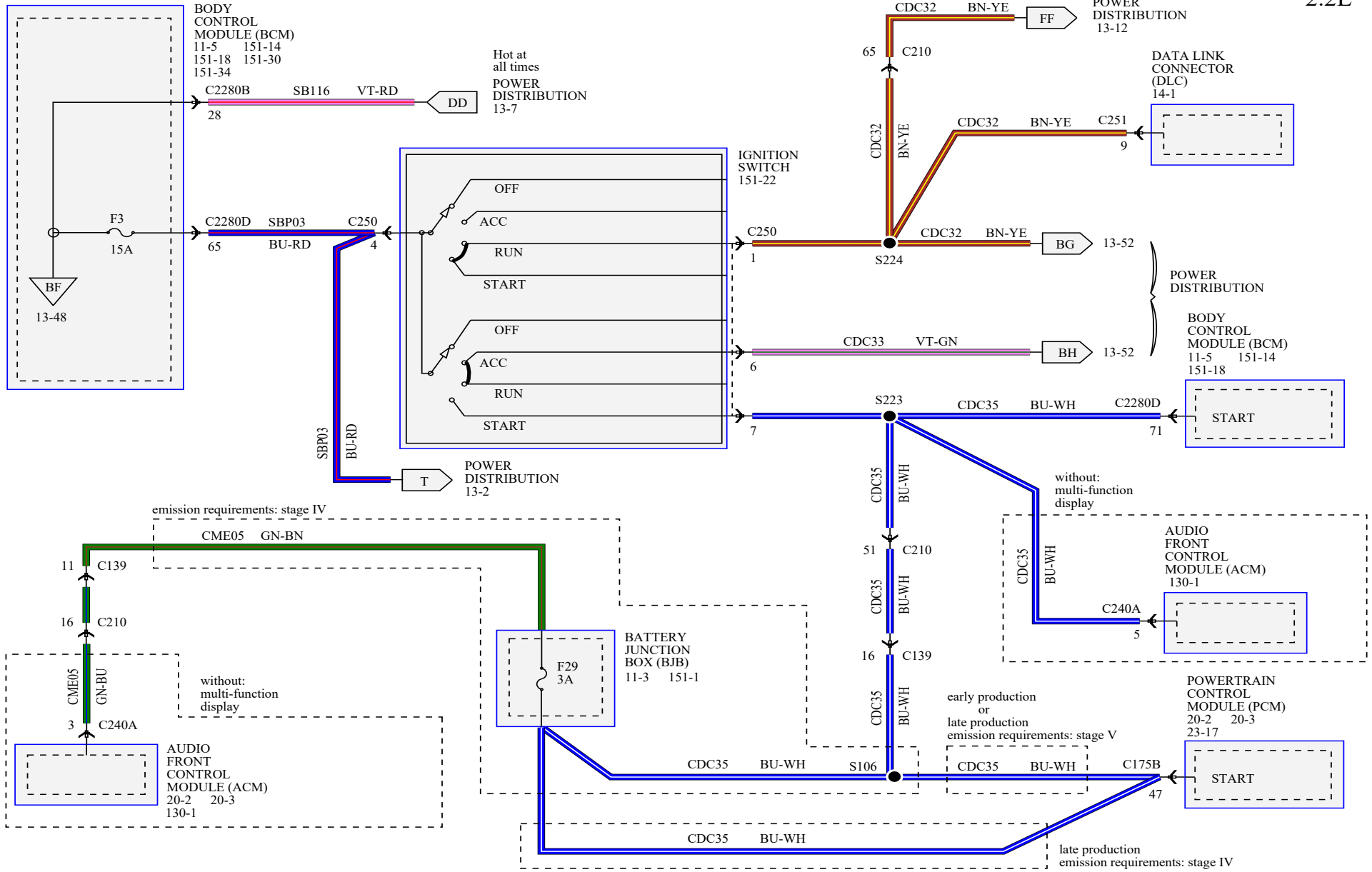
Relay	Relay
R13	Reductant heater relay
R14	Not used
R15	Low speed cooling fan relay
R16	Not used
R17	Not used
R18	Powertrain Control Module (PCM) power relay

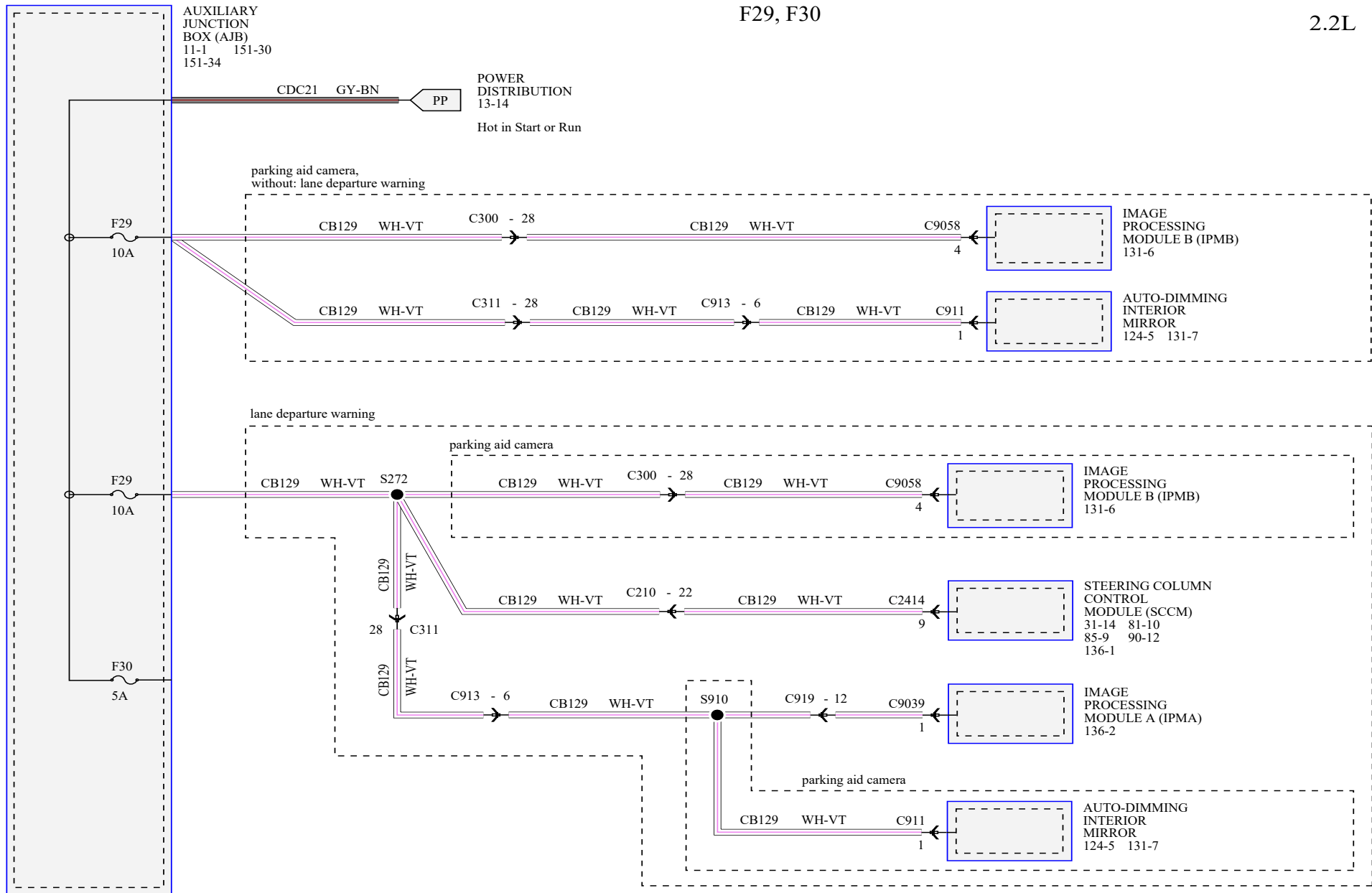


F3, F29

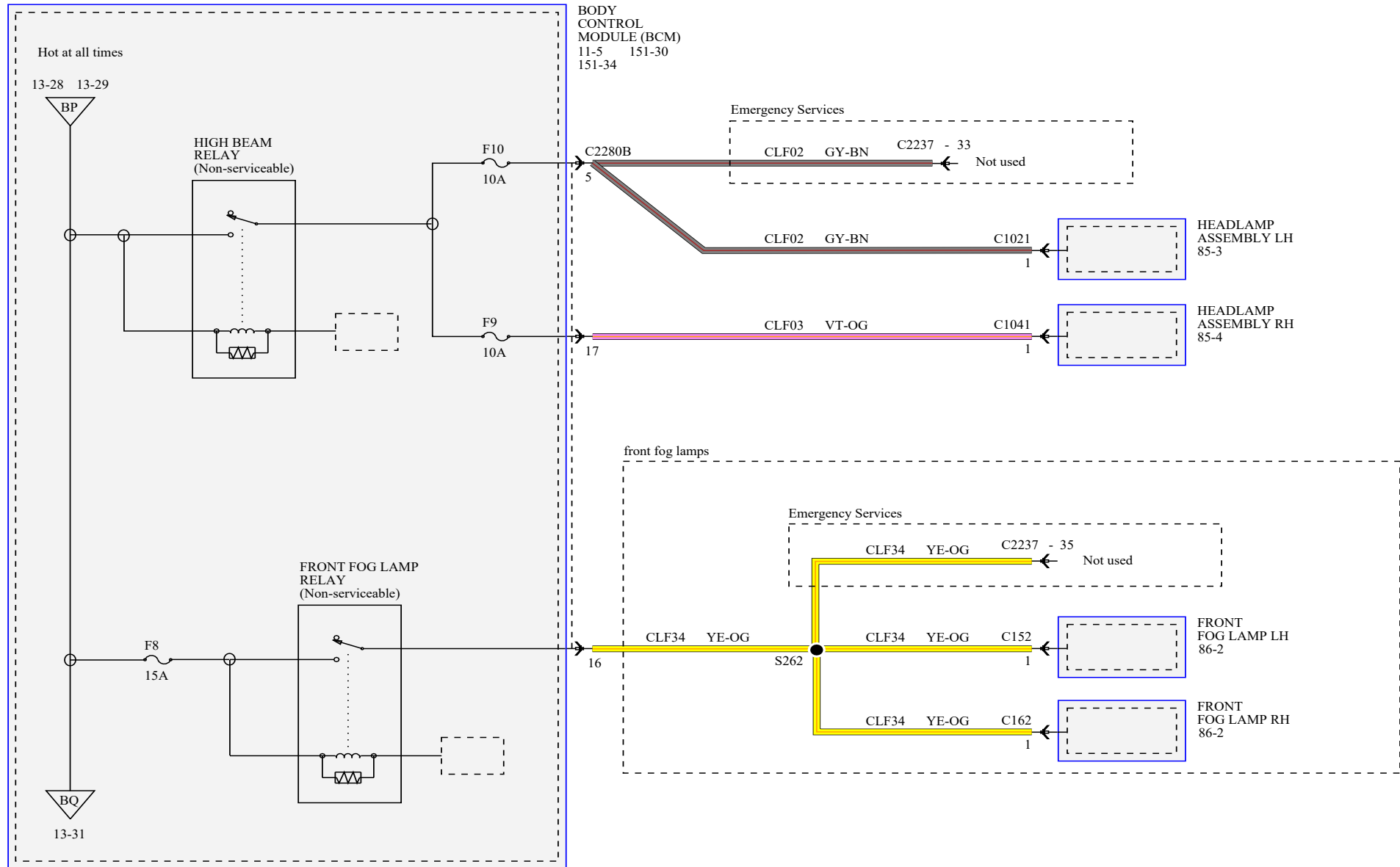
WITHOUT: CUSTOMER ACCESS

2.2L

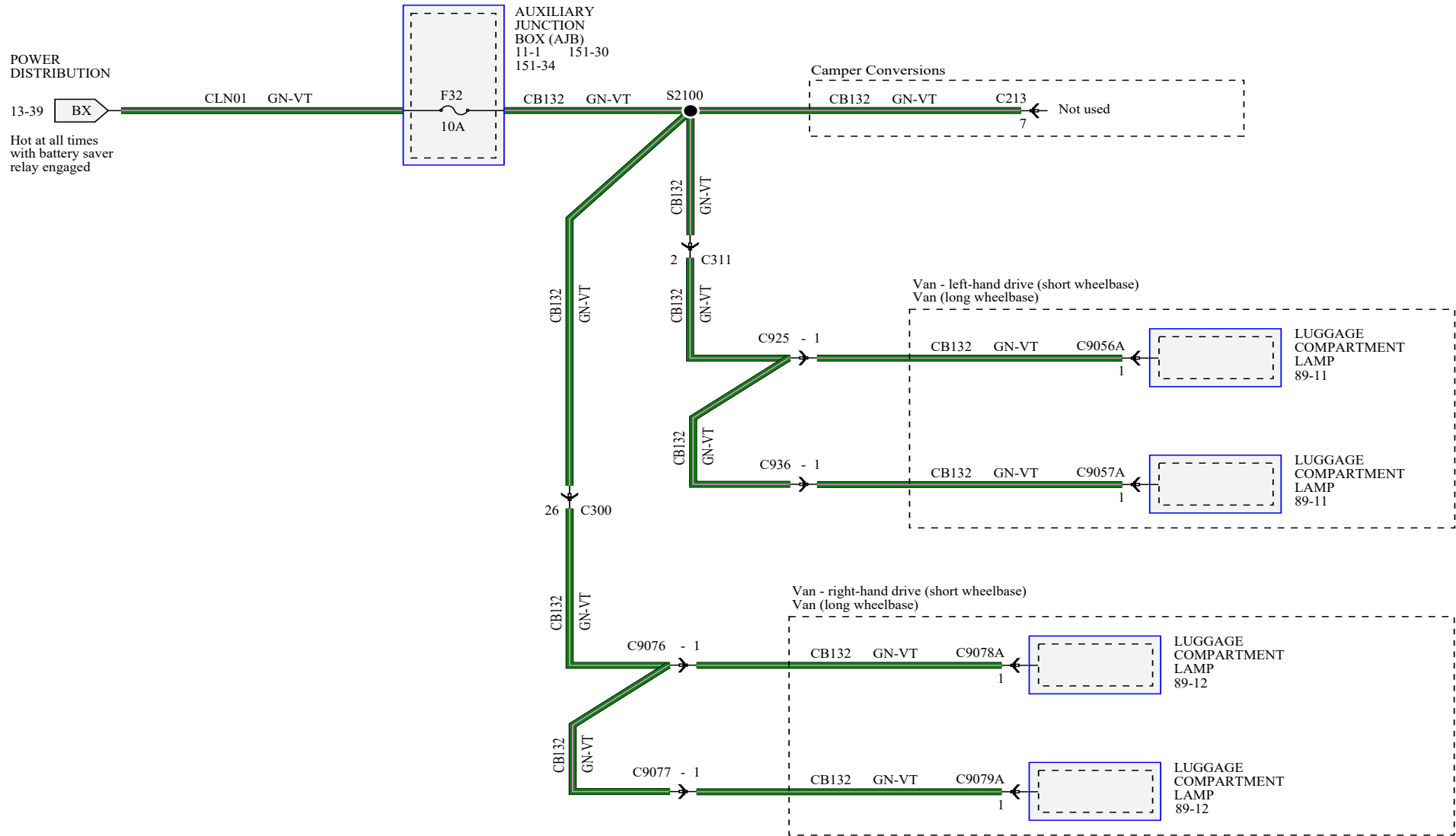




F8, F9, F10

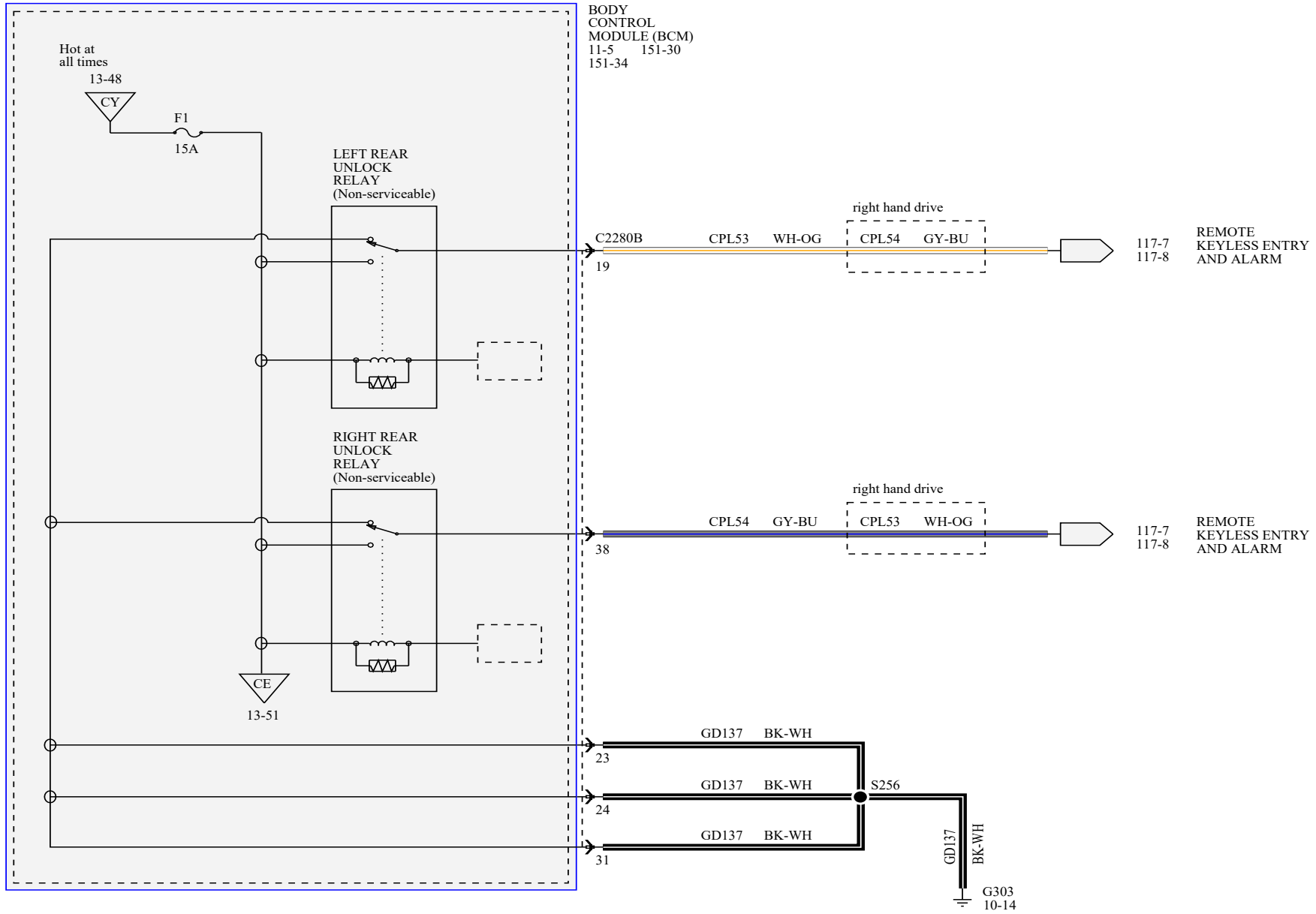


VAN



F1

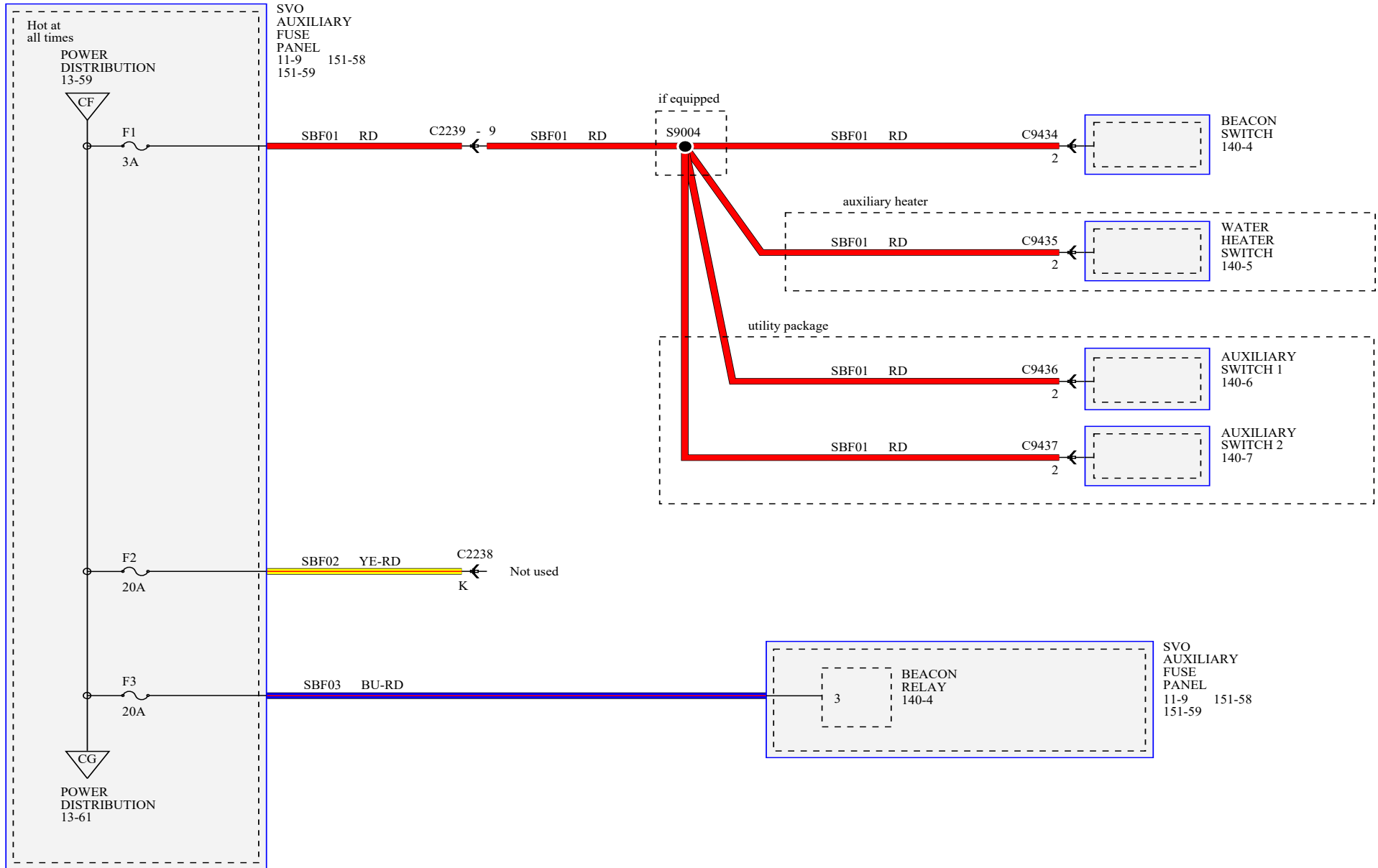
2.2L



F1, F2, F3

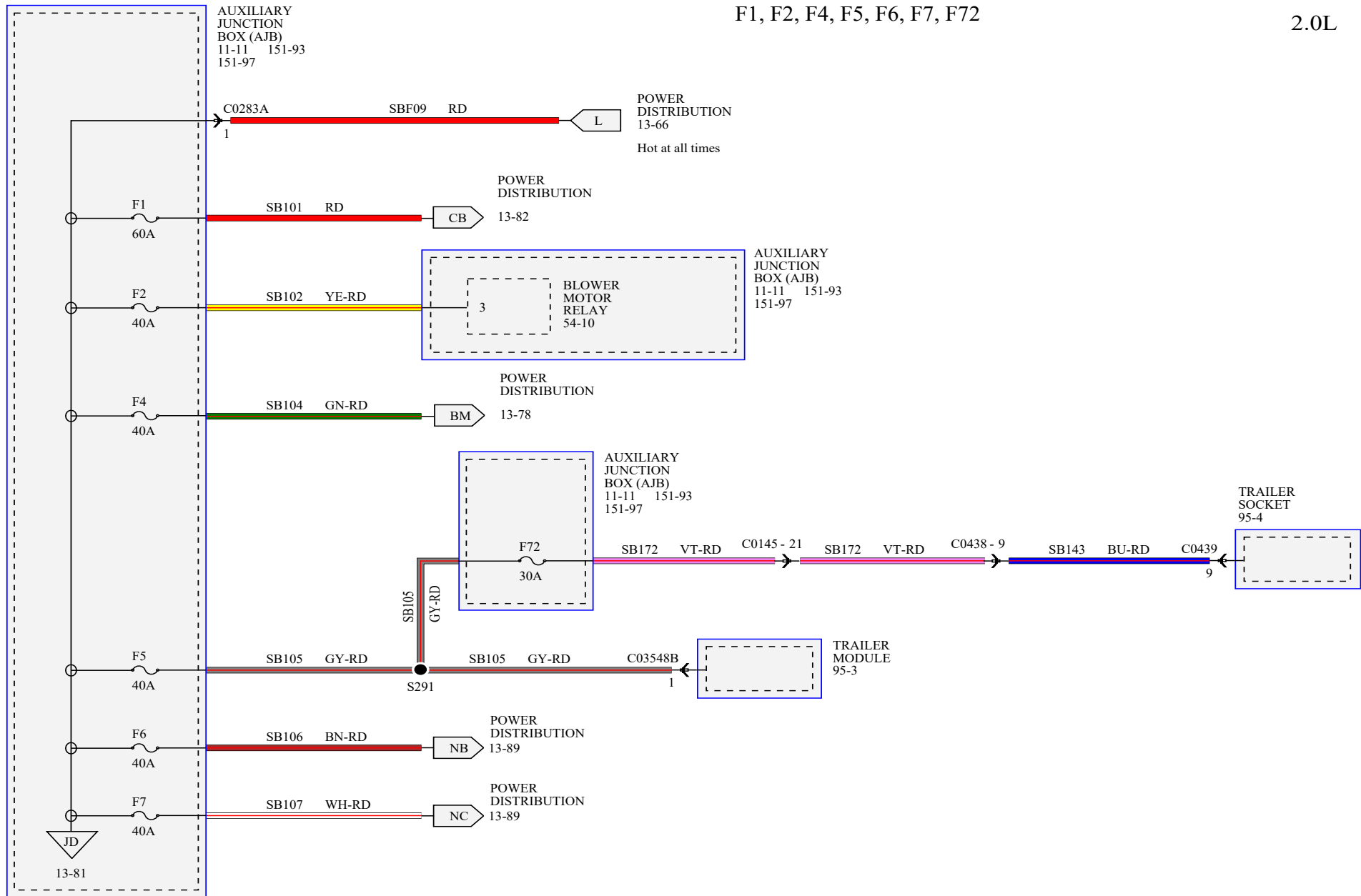
EMERGENCY SERVICES

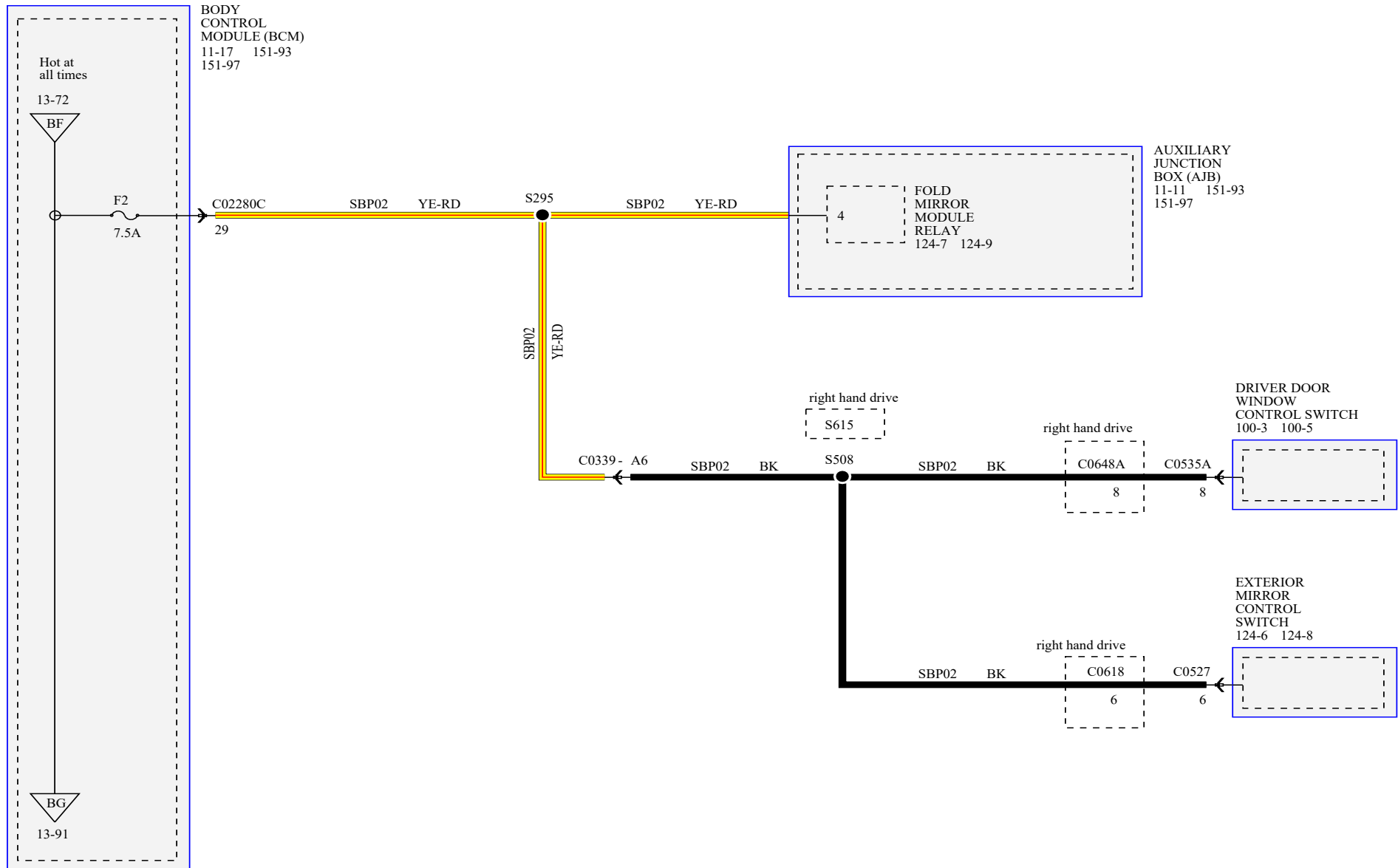
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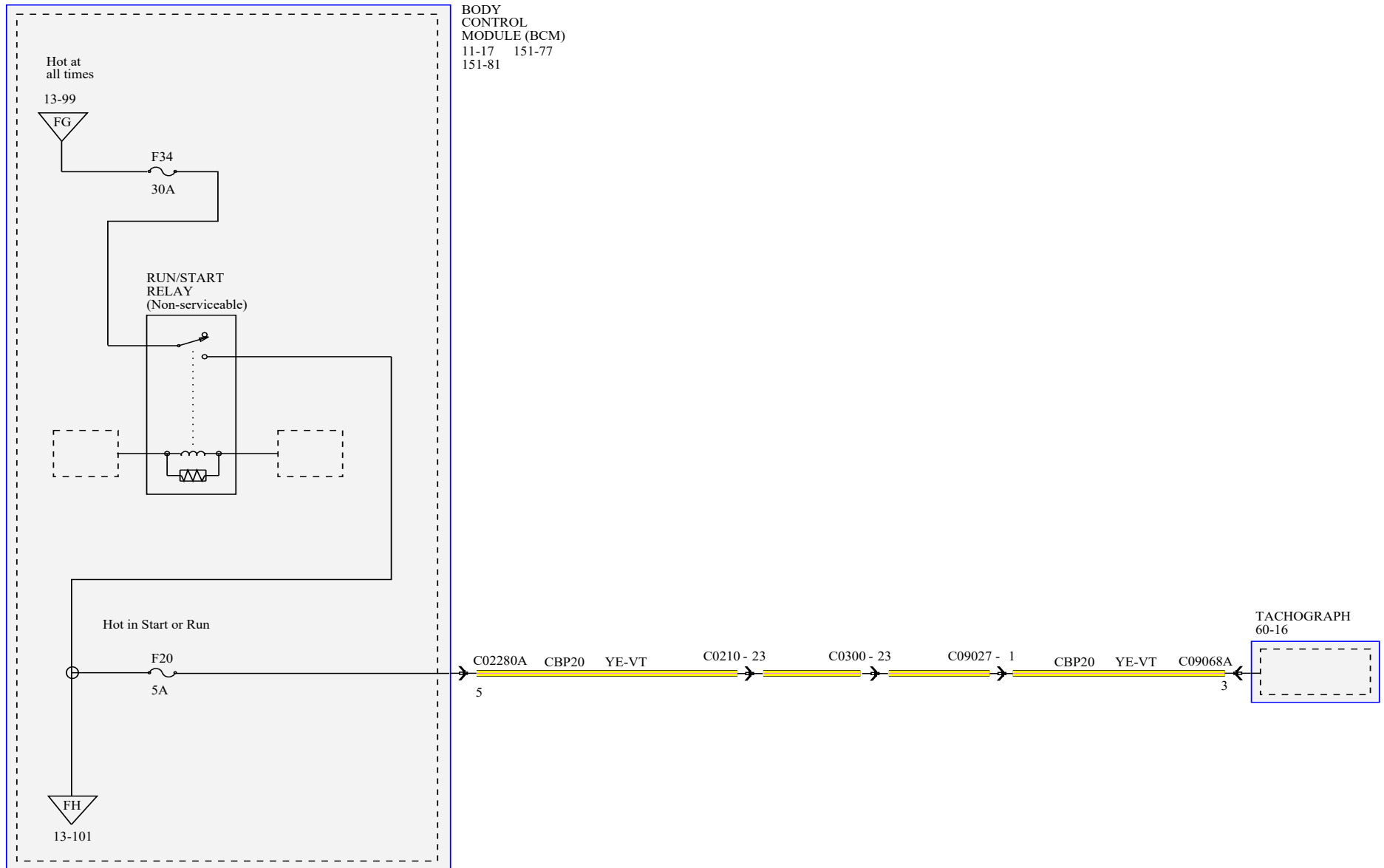


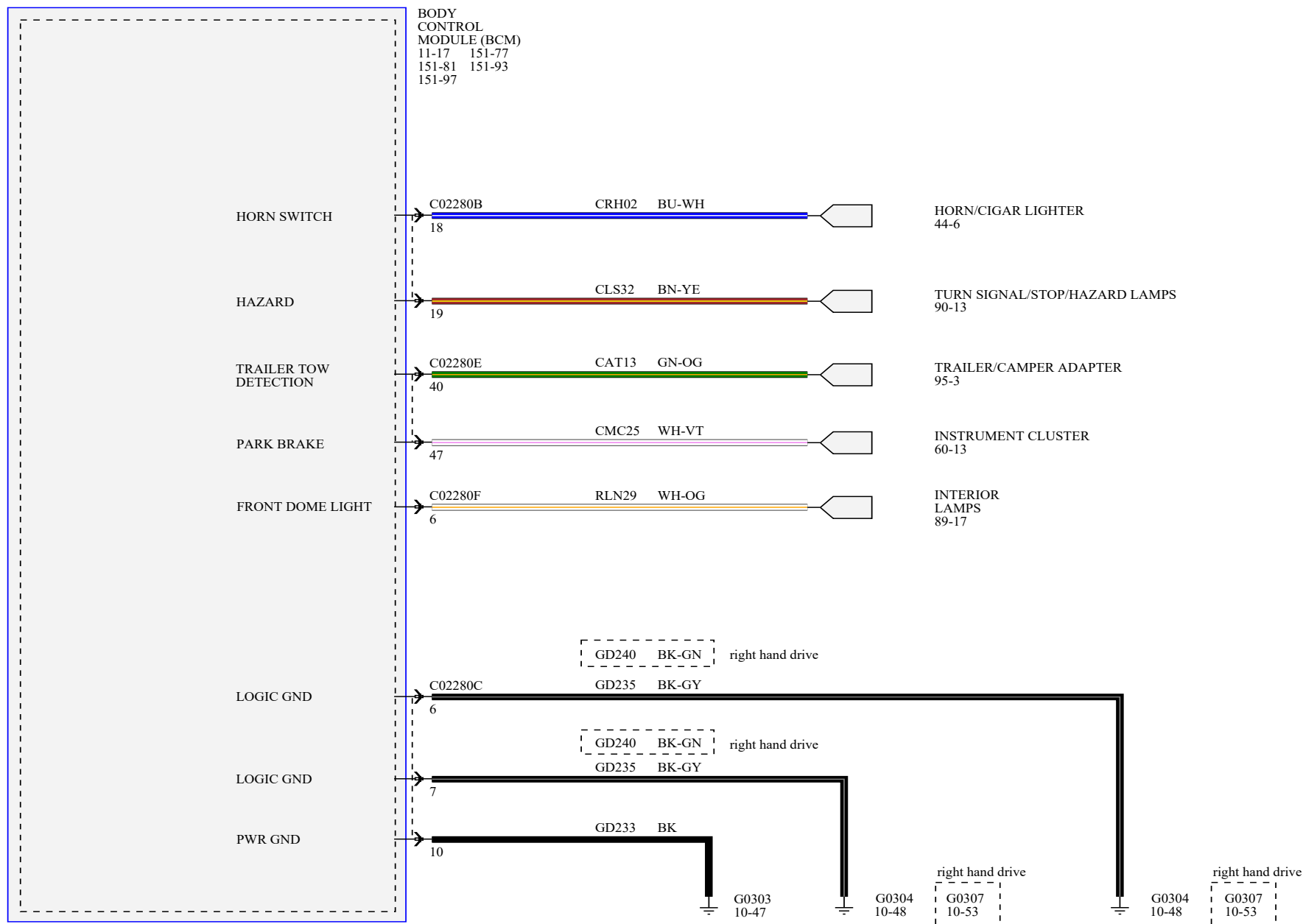
F1, F2, F4, F5, F6, F7, F72

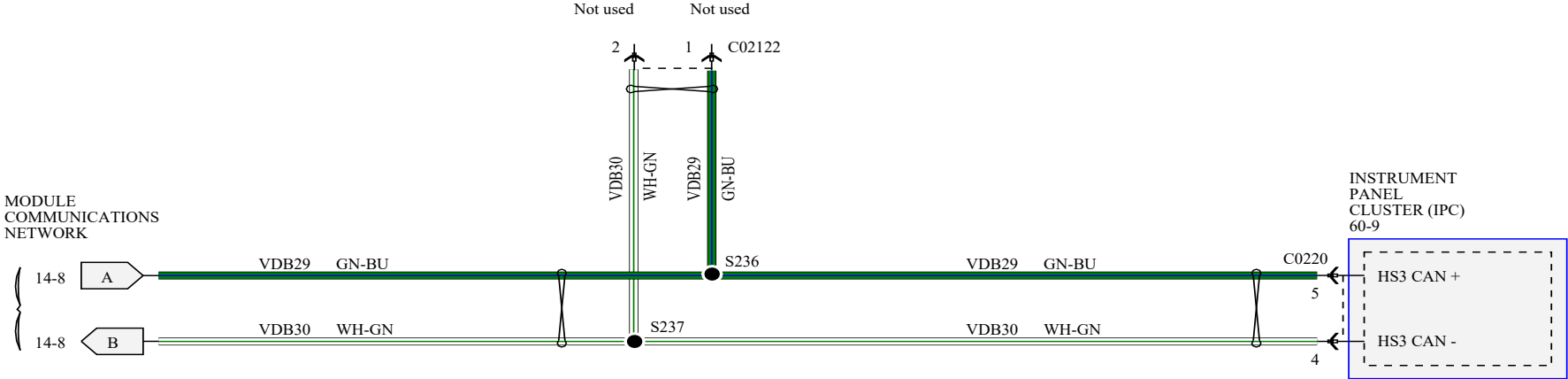
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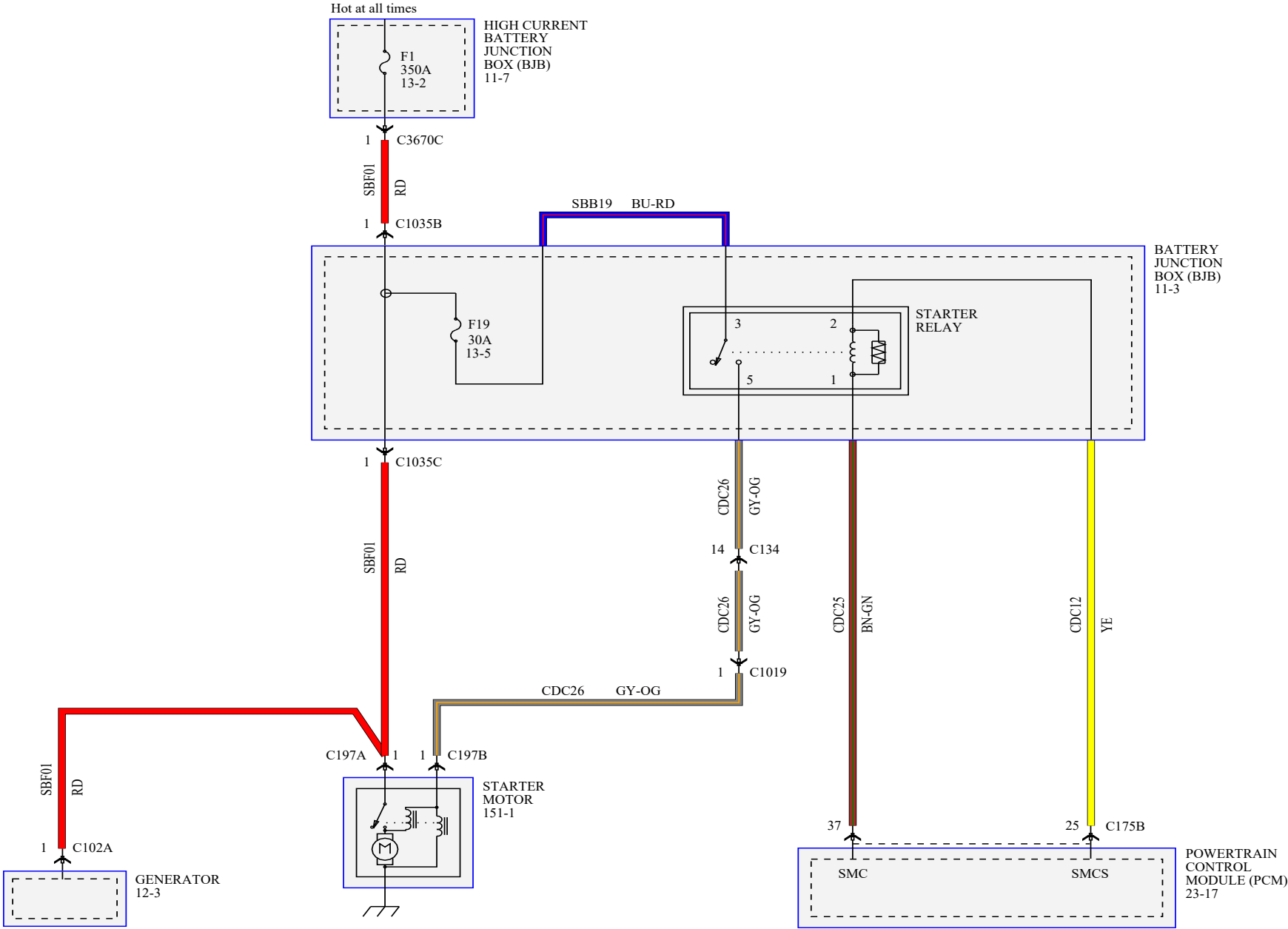


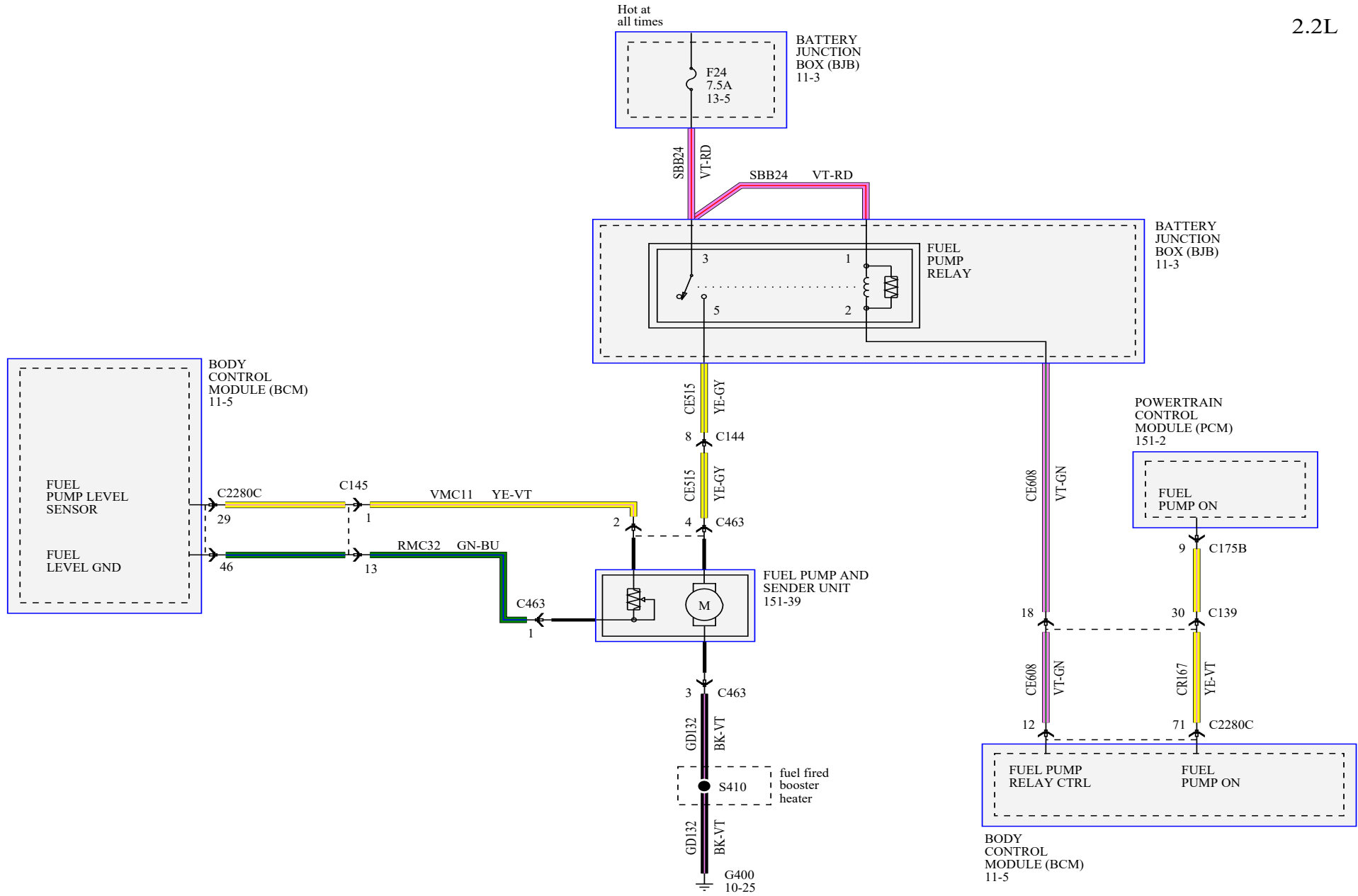


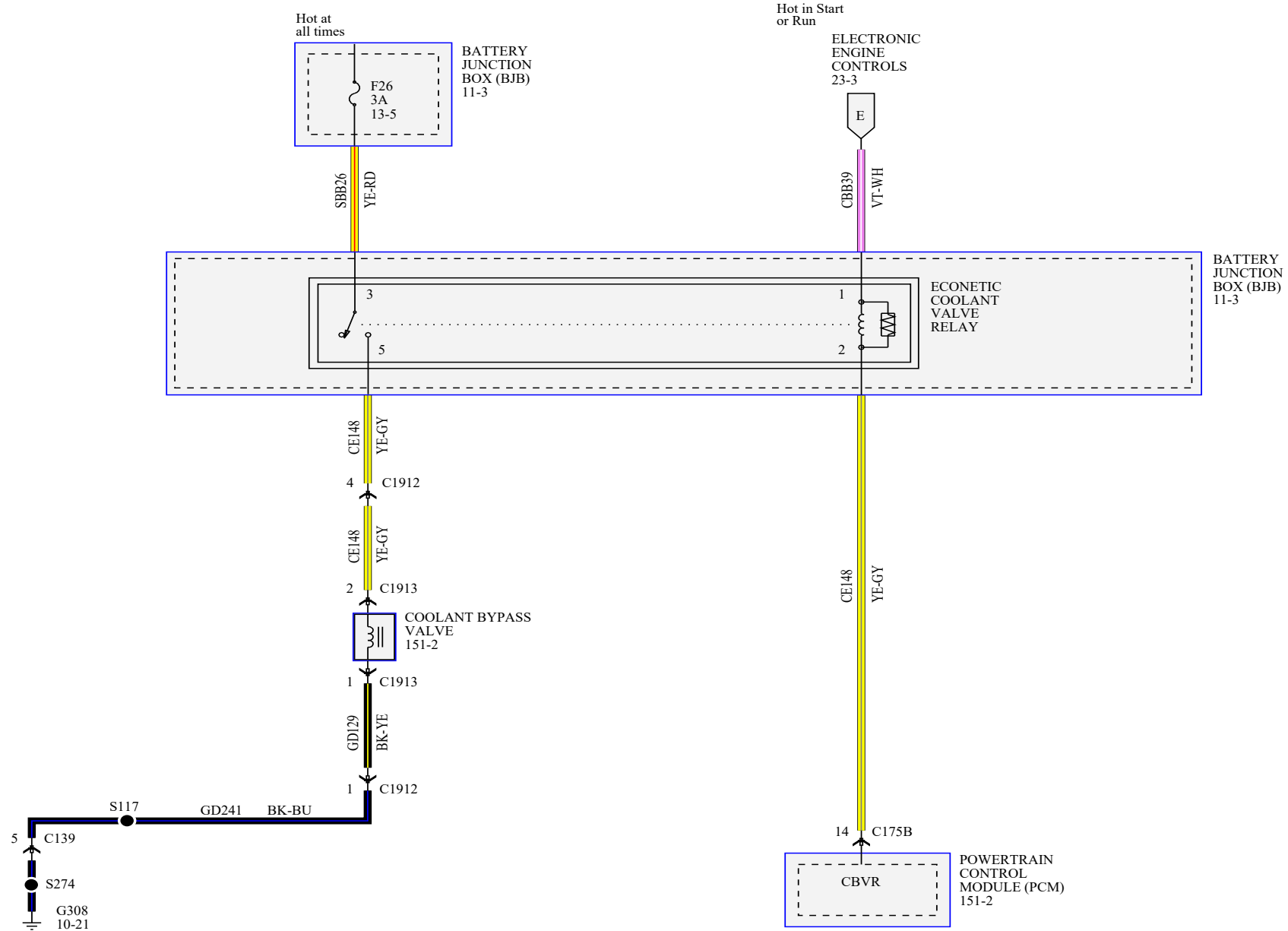


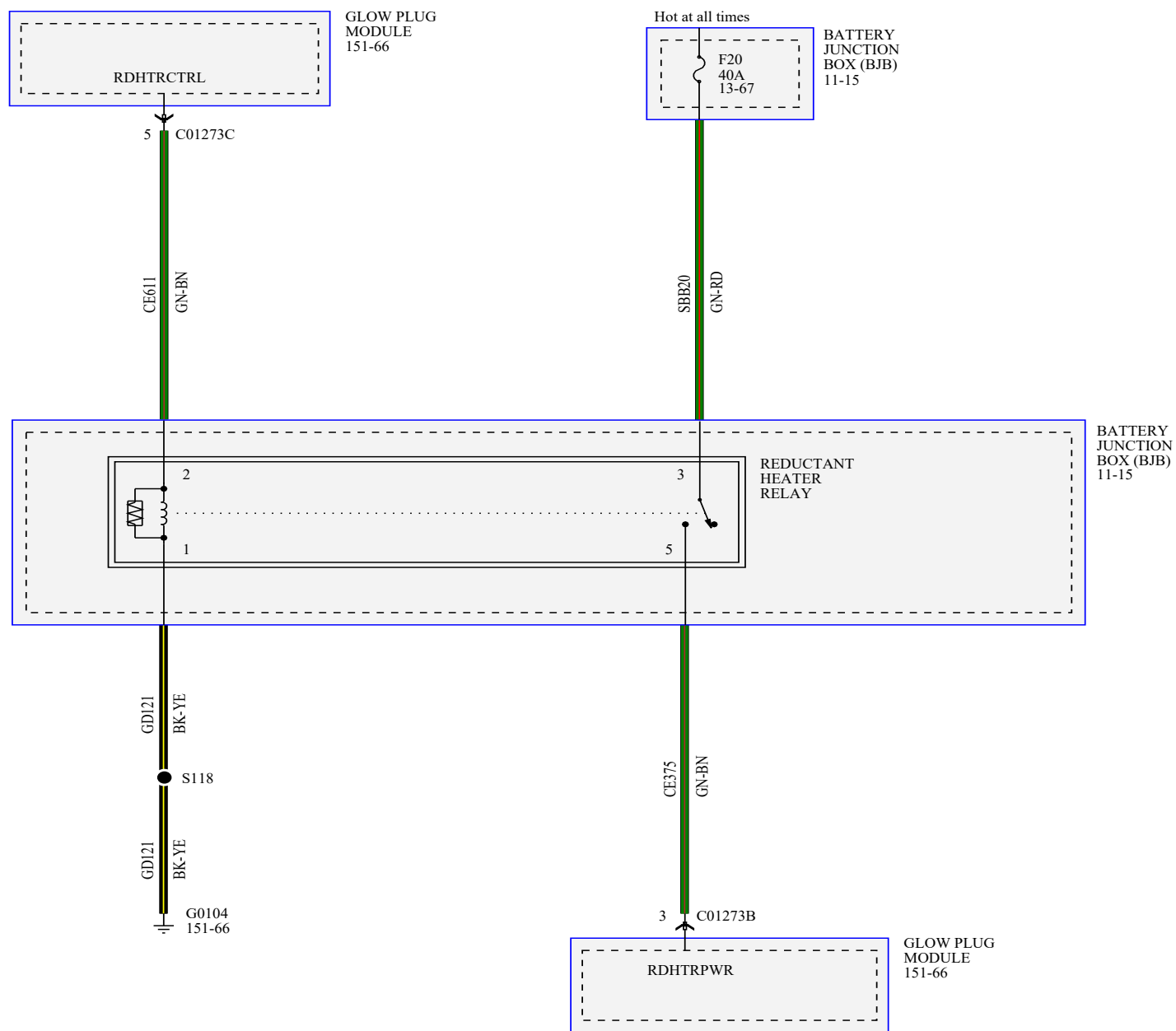


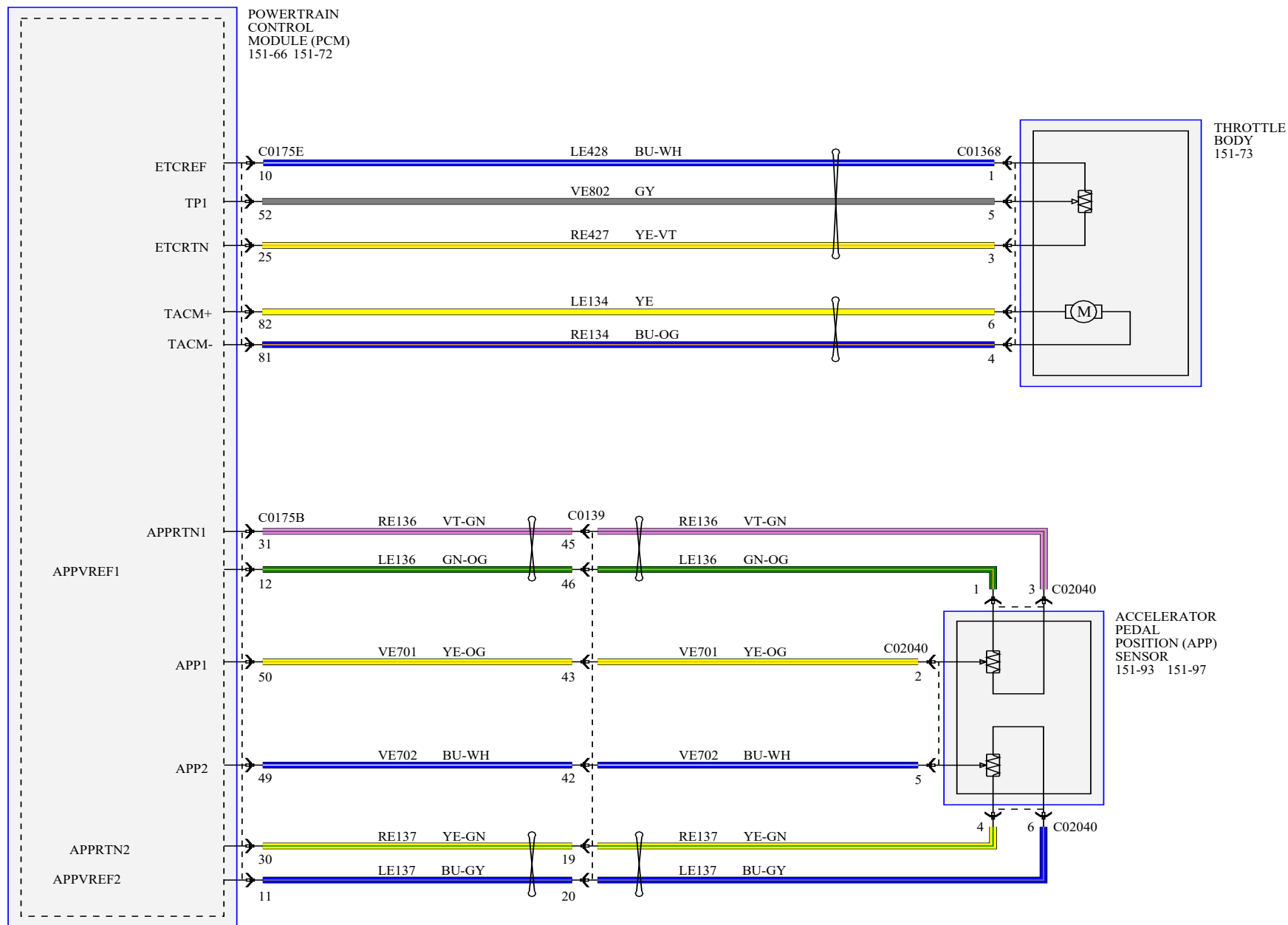


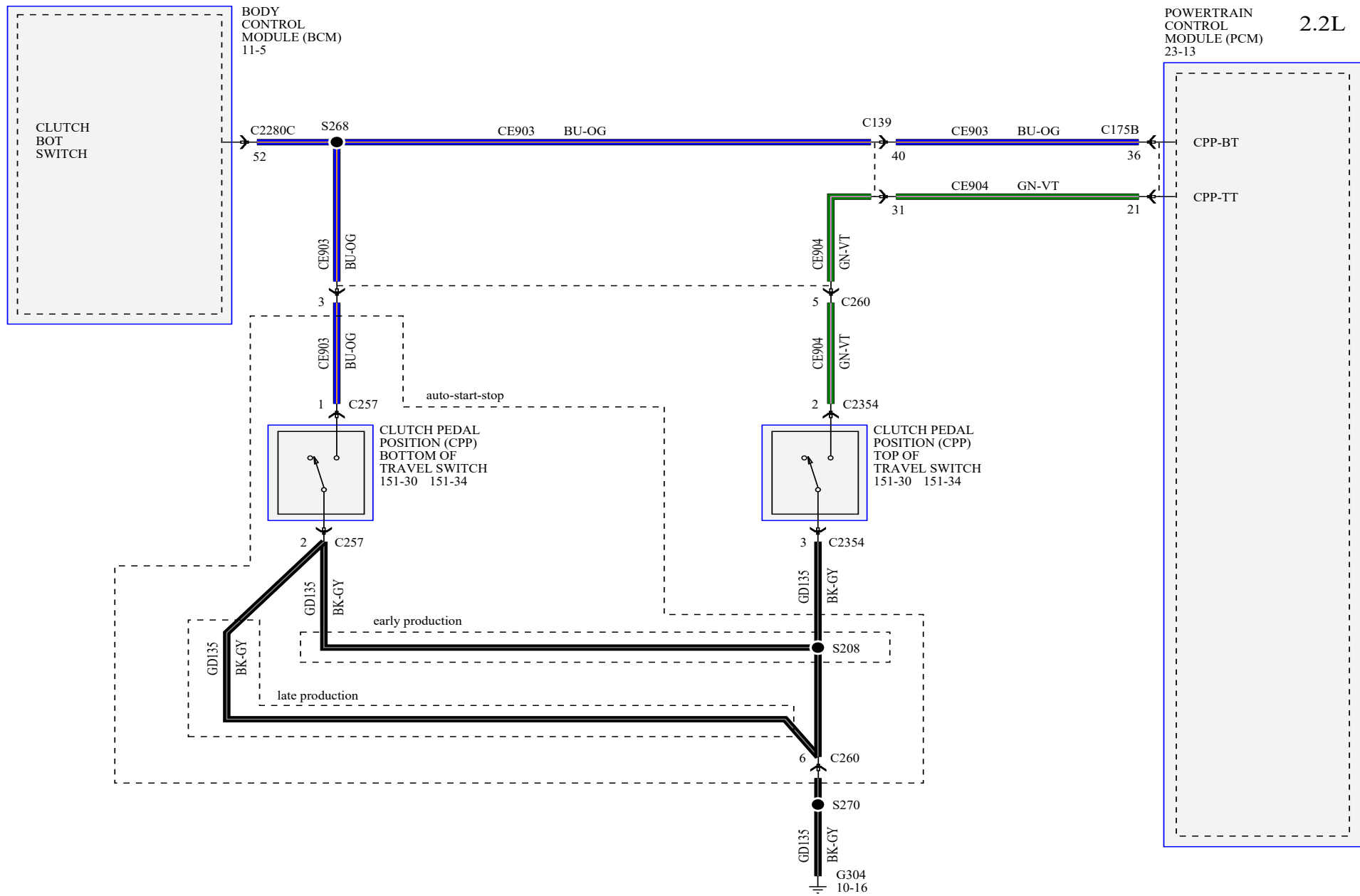






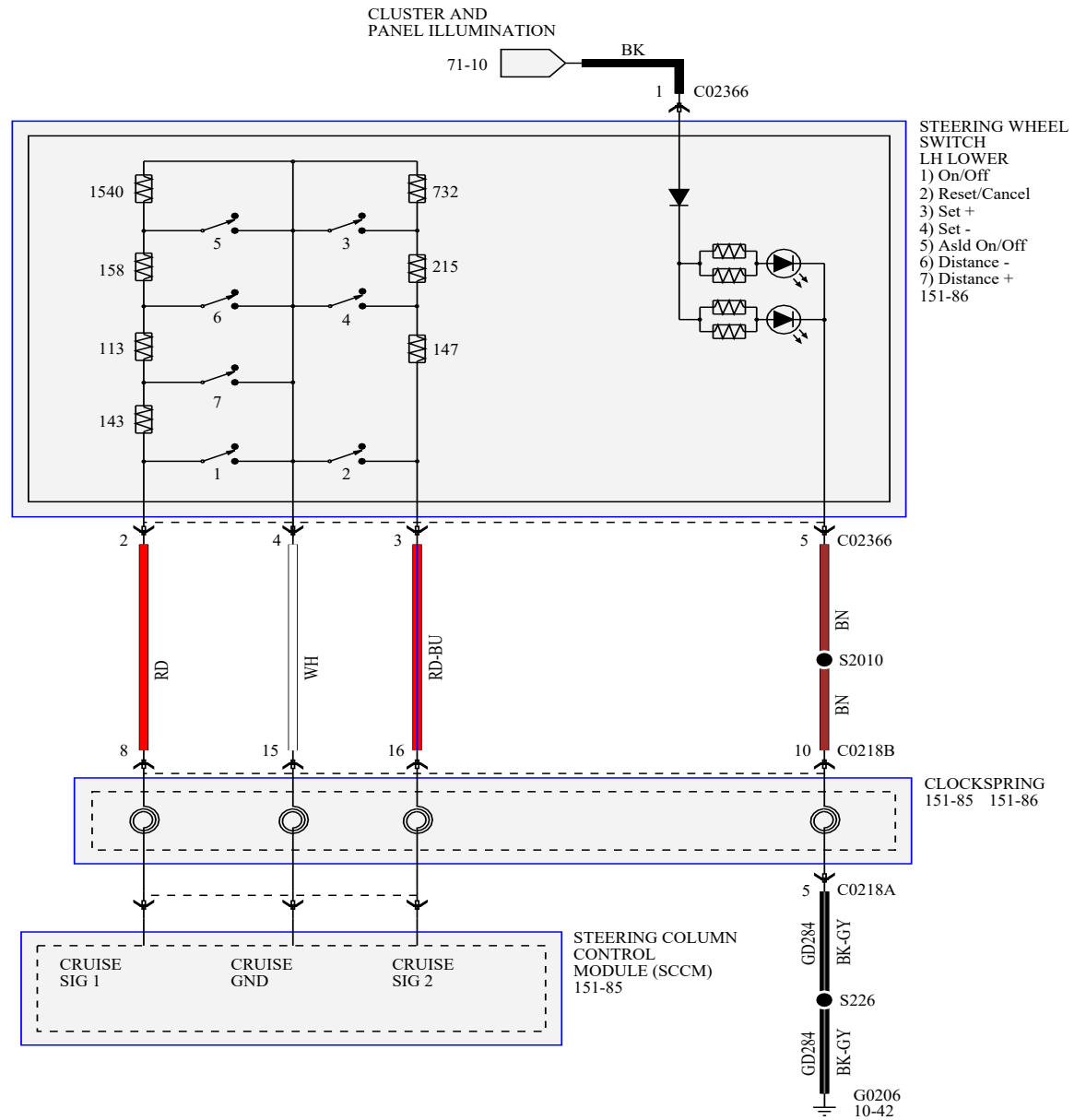


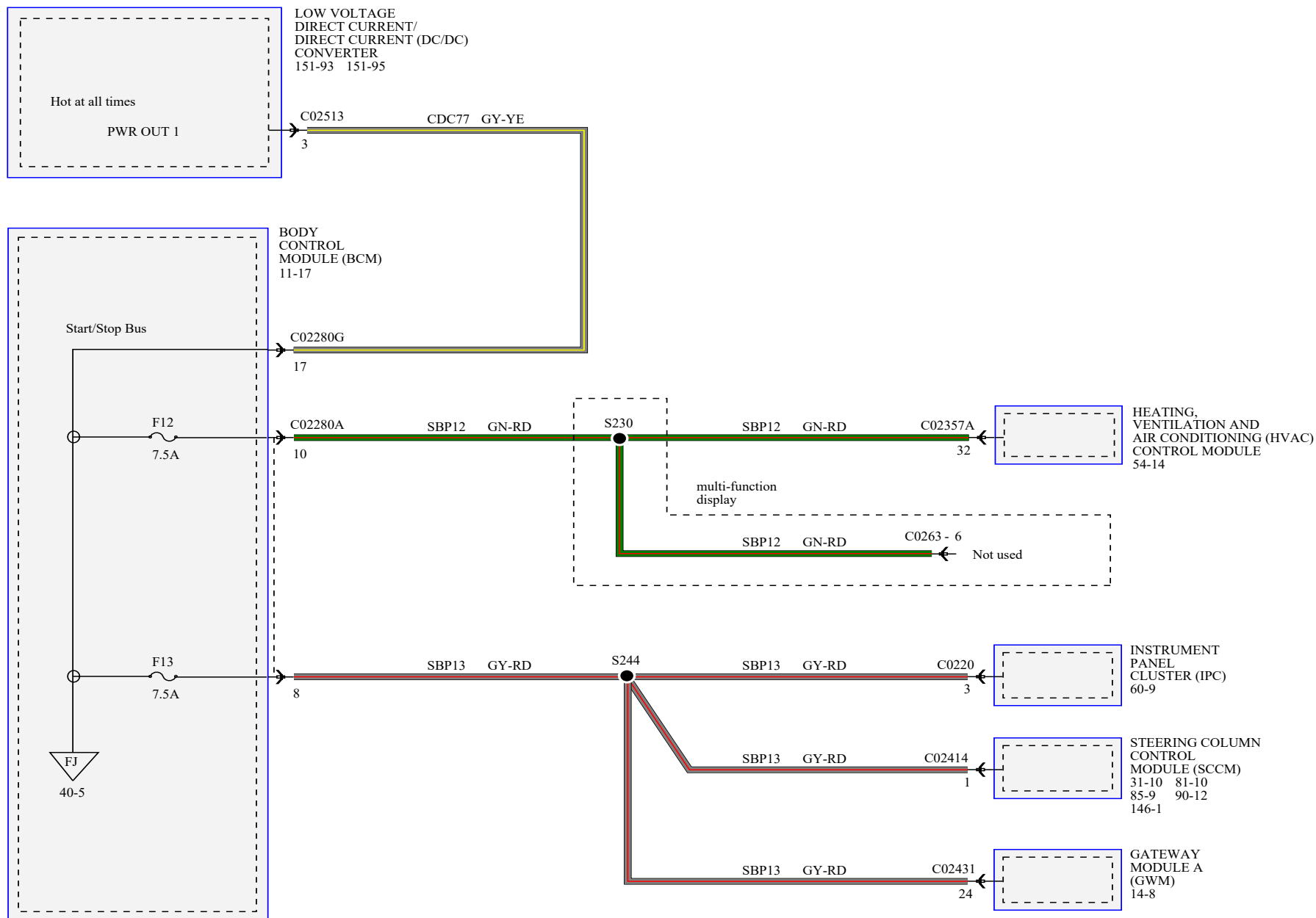


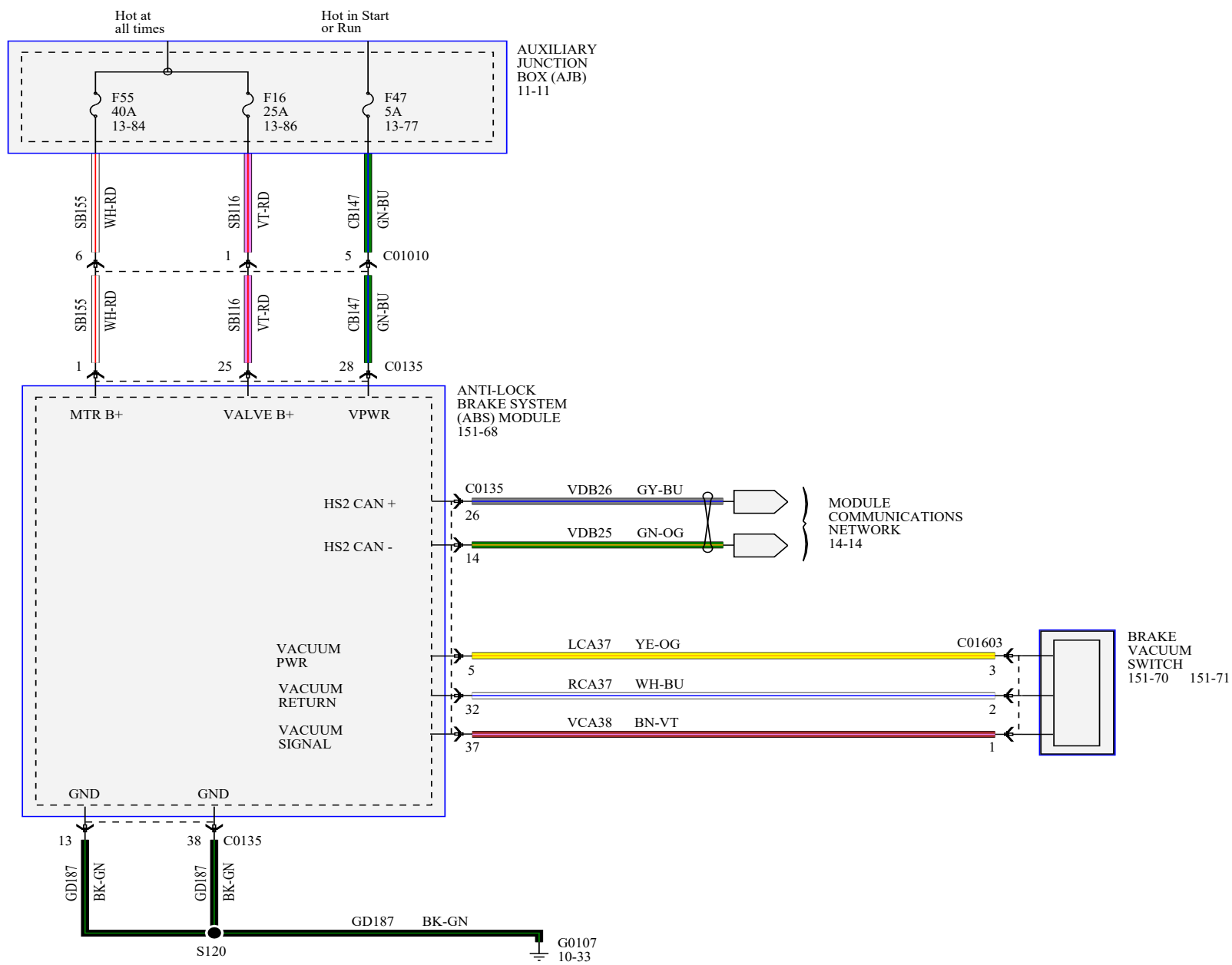


ADAPTIVE CRUISE CONTROL

2.0L







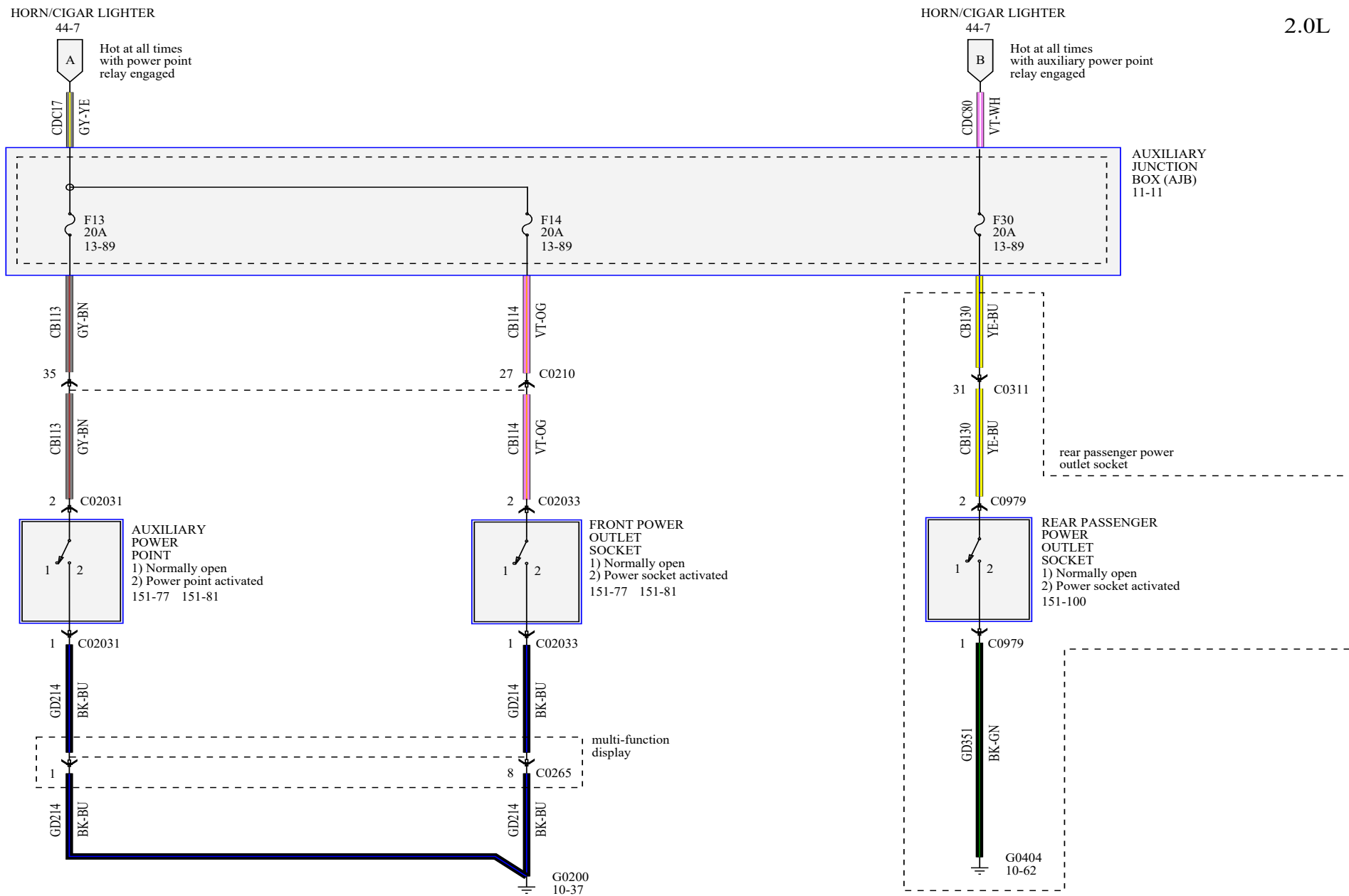
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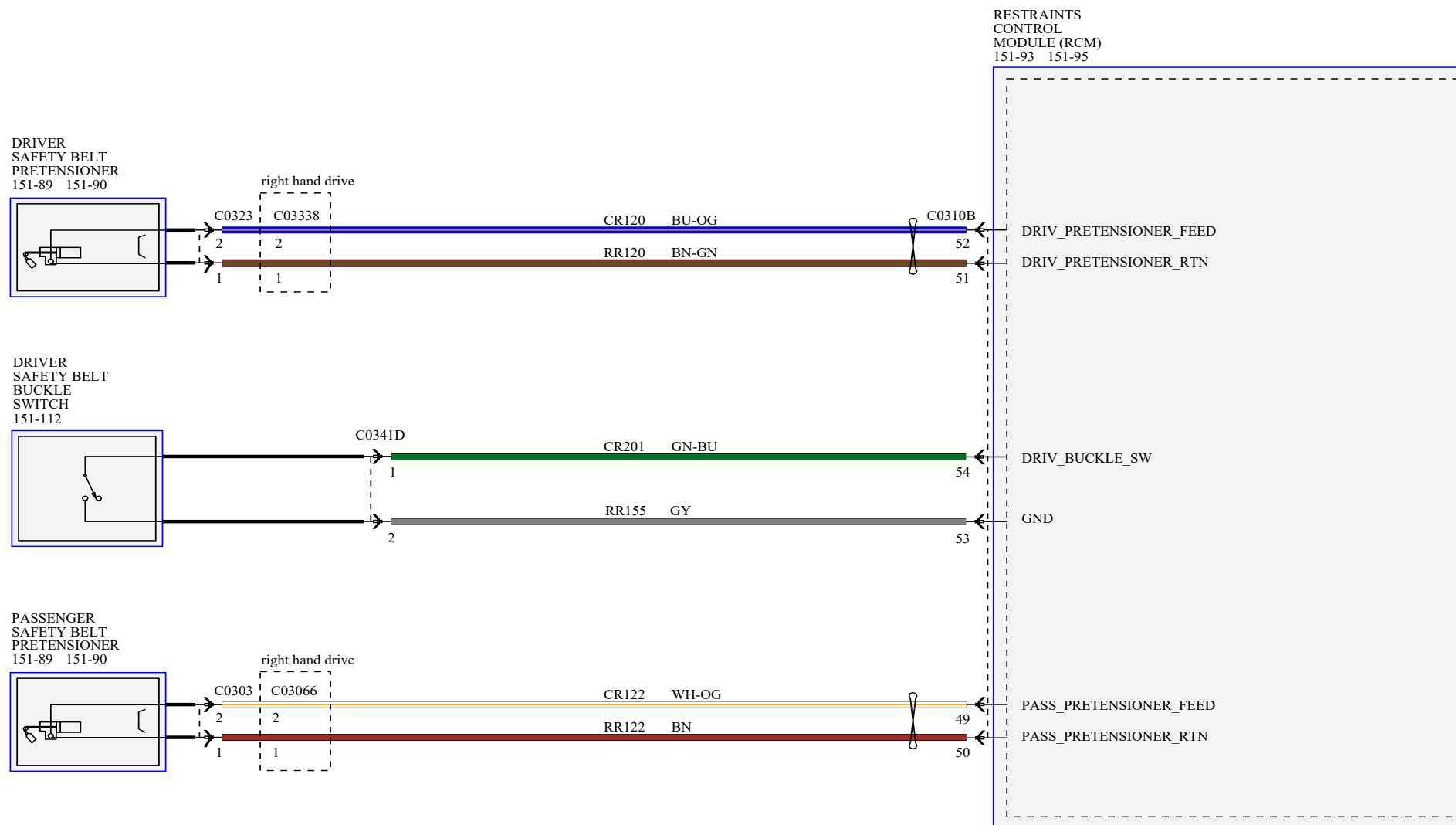


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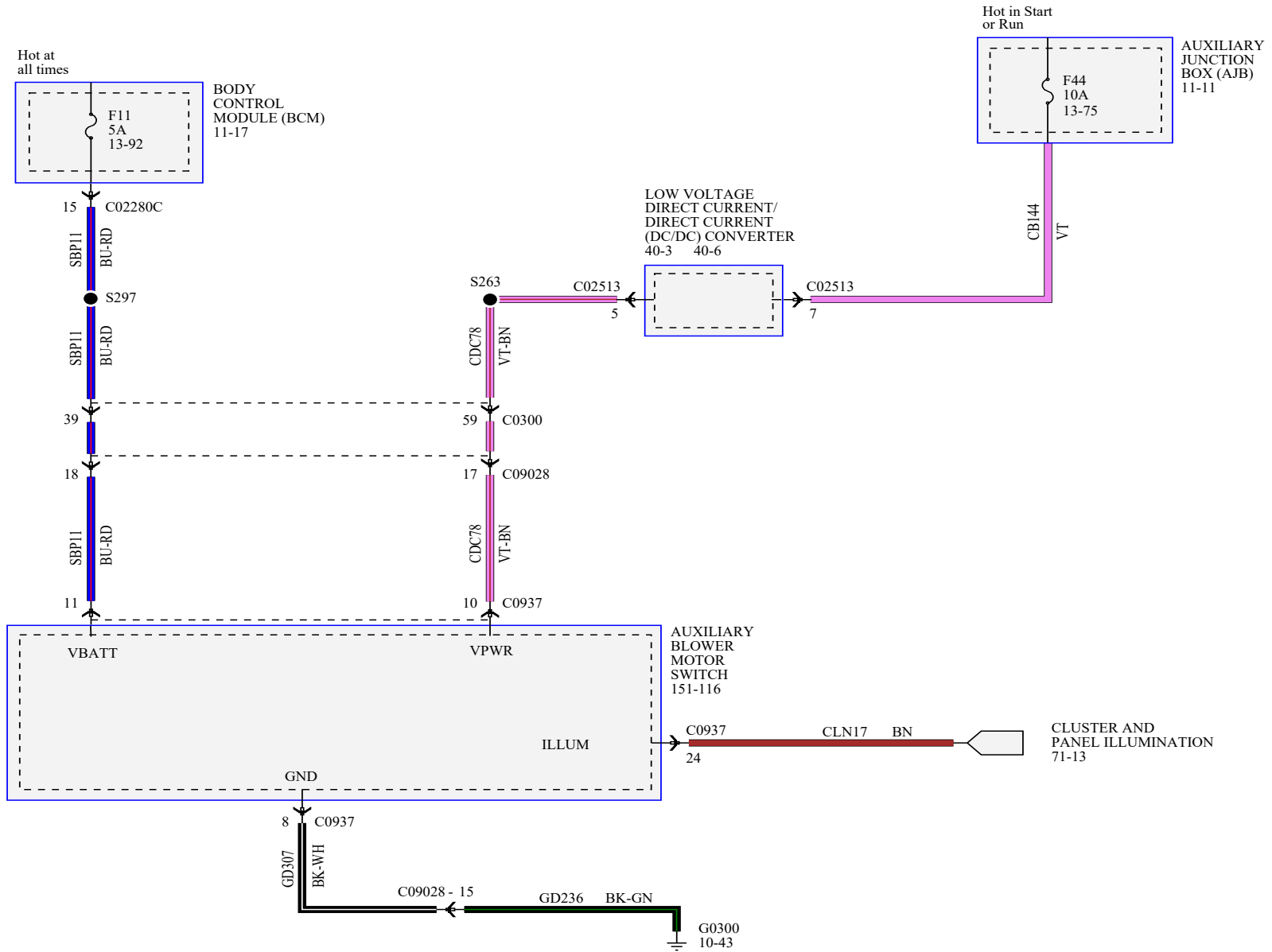


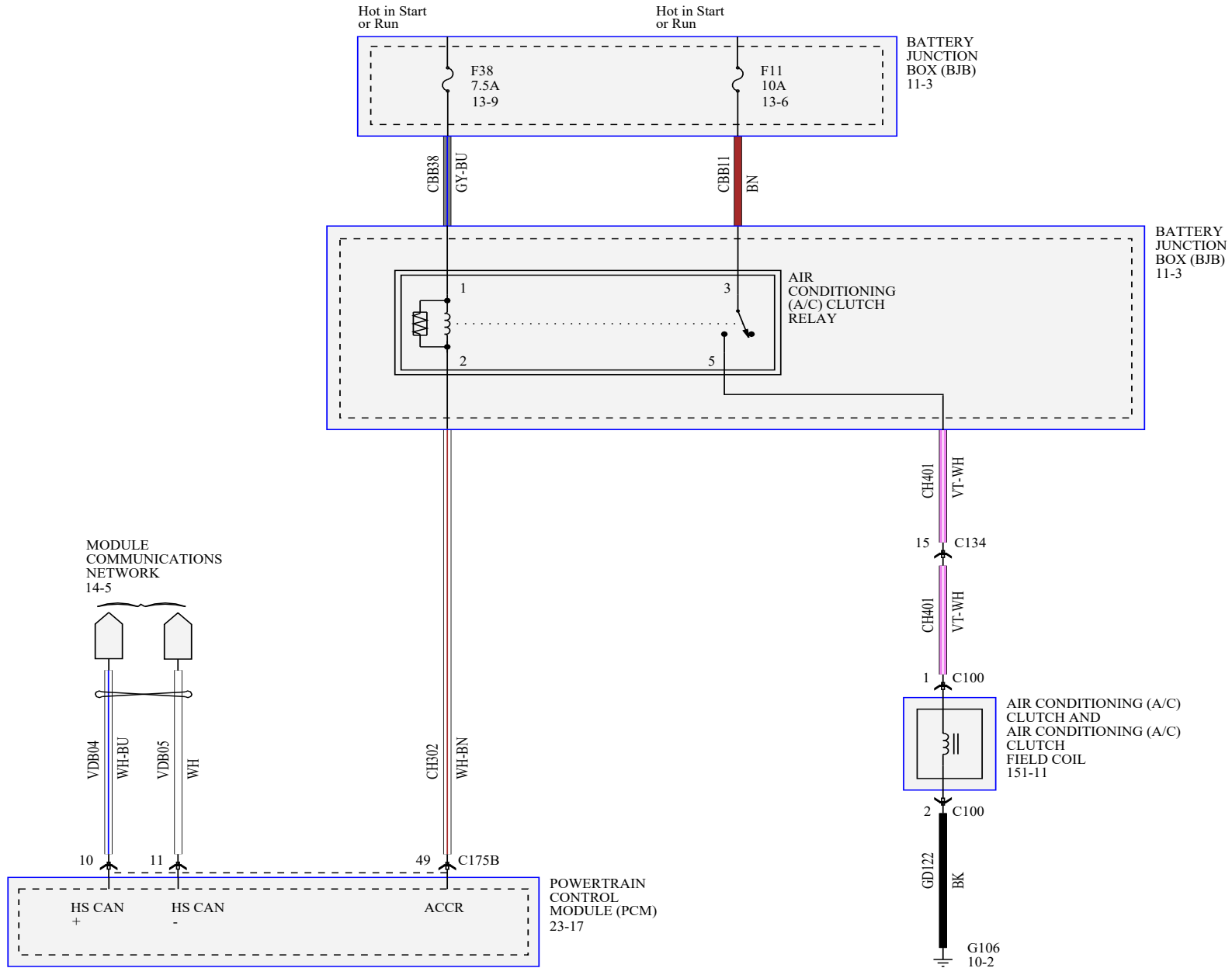
 **Warning**
 Do not attempt to diagnose or troubleshoot Supplemental Restraint System circuitry without consulting the Workshop Manual. Improper troubleshooting could cause the supplemental restraints to deploy inadvertently, causing injury.

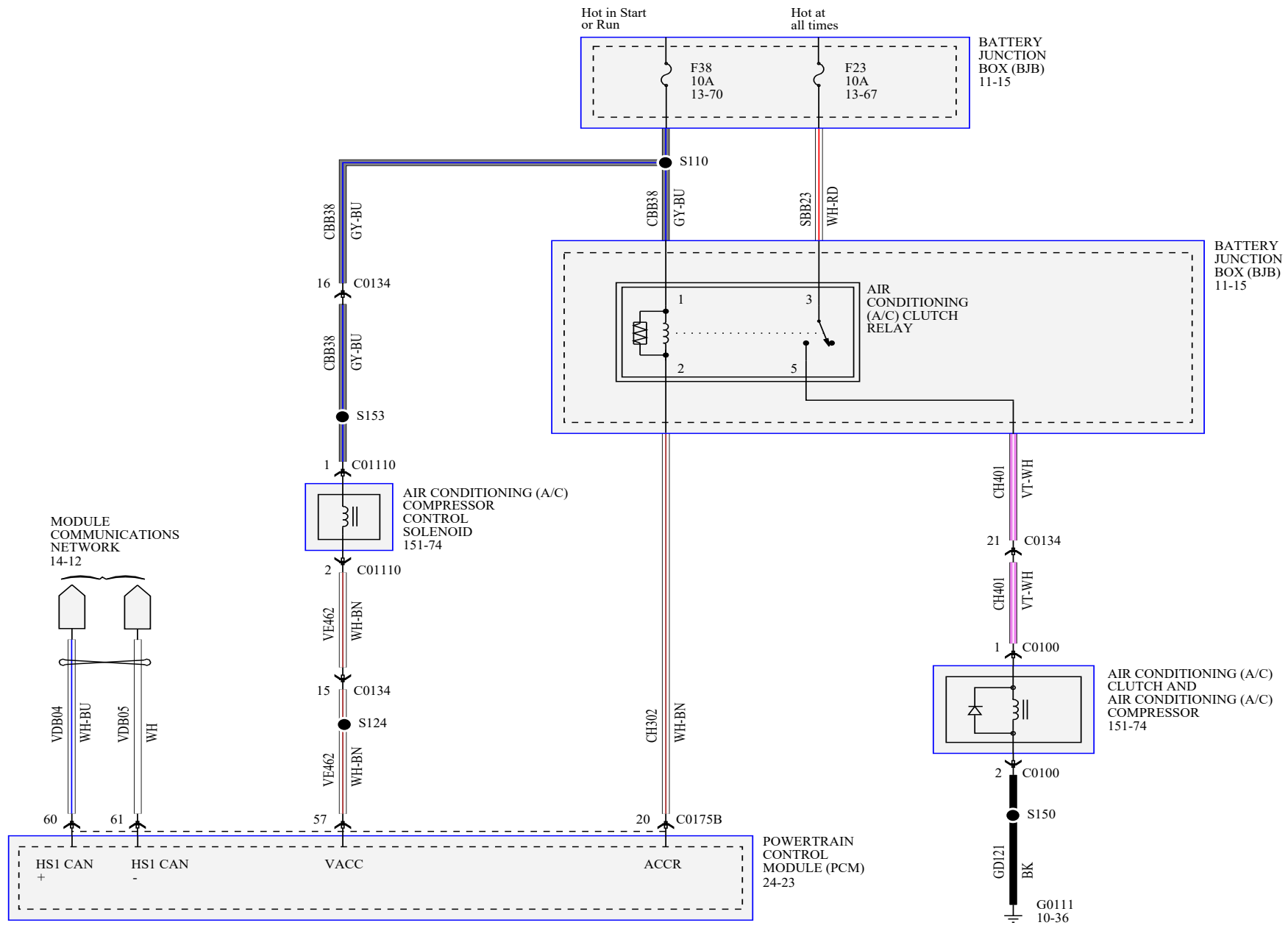


STOP AND START

2.0L

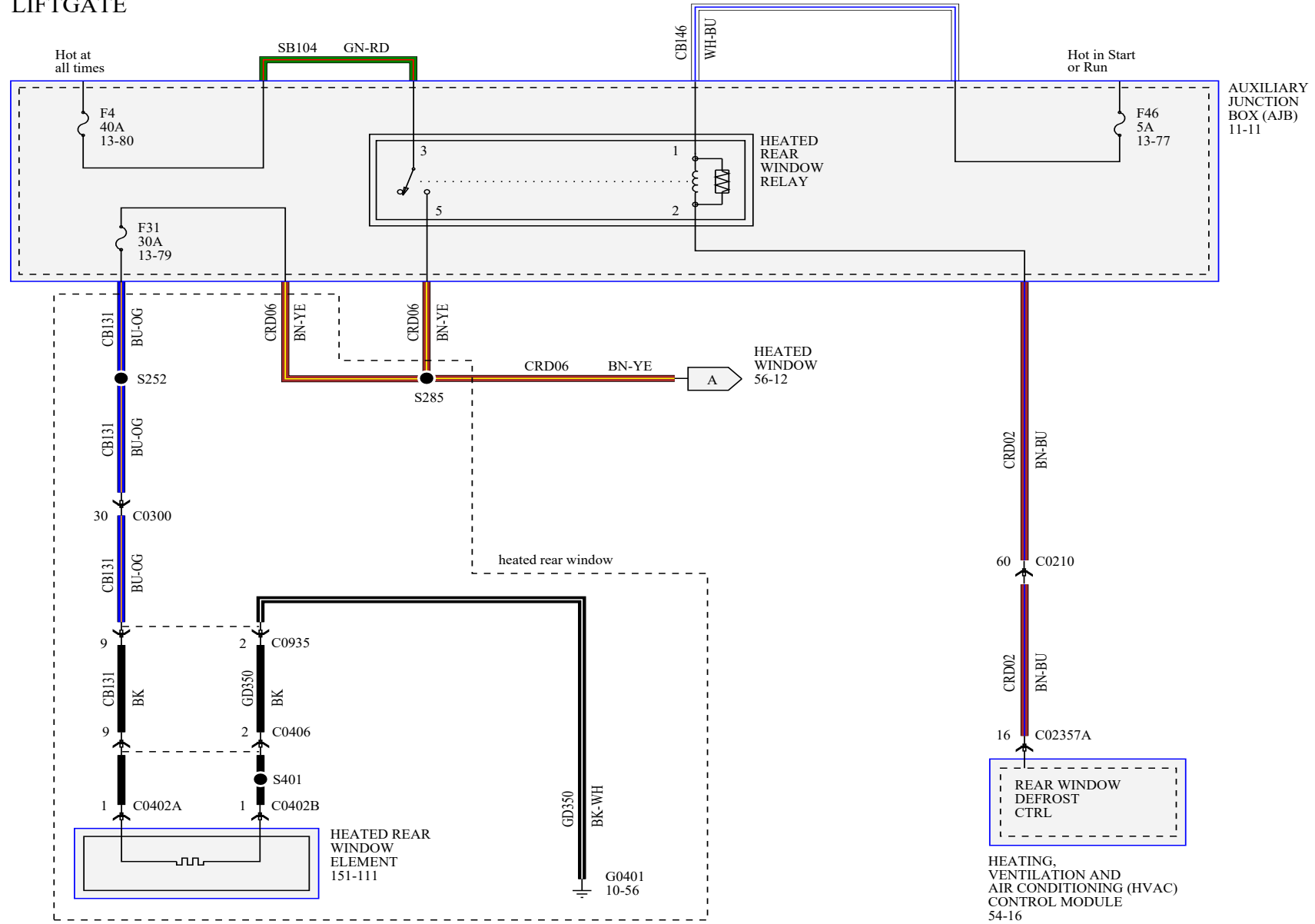






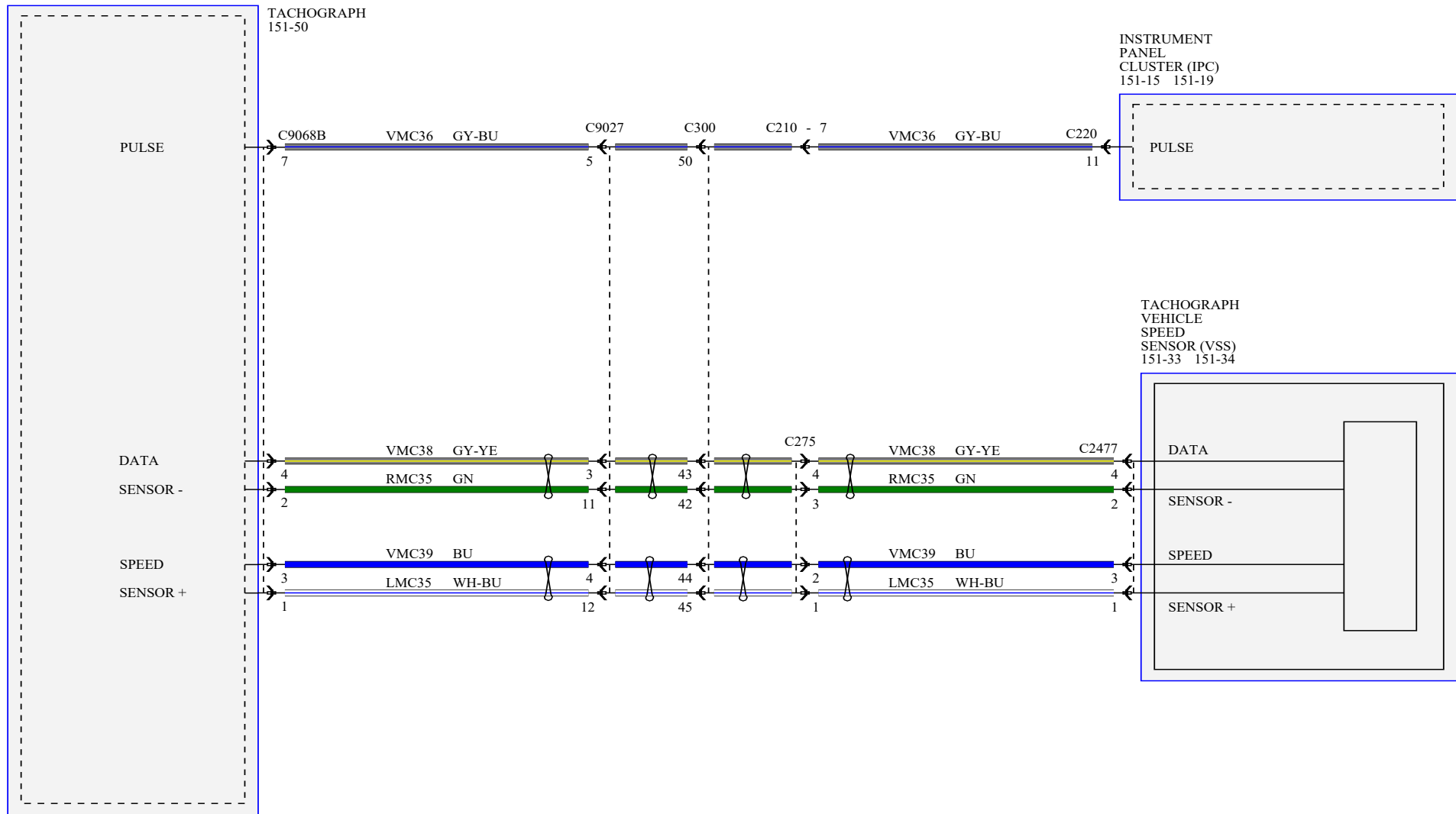
HEATED DEFROST LIFTGATE

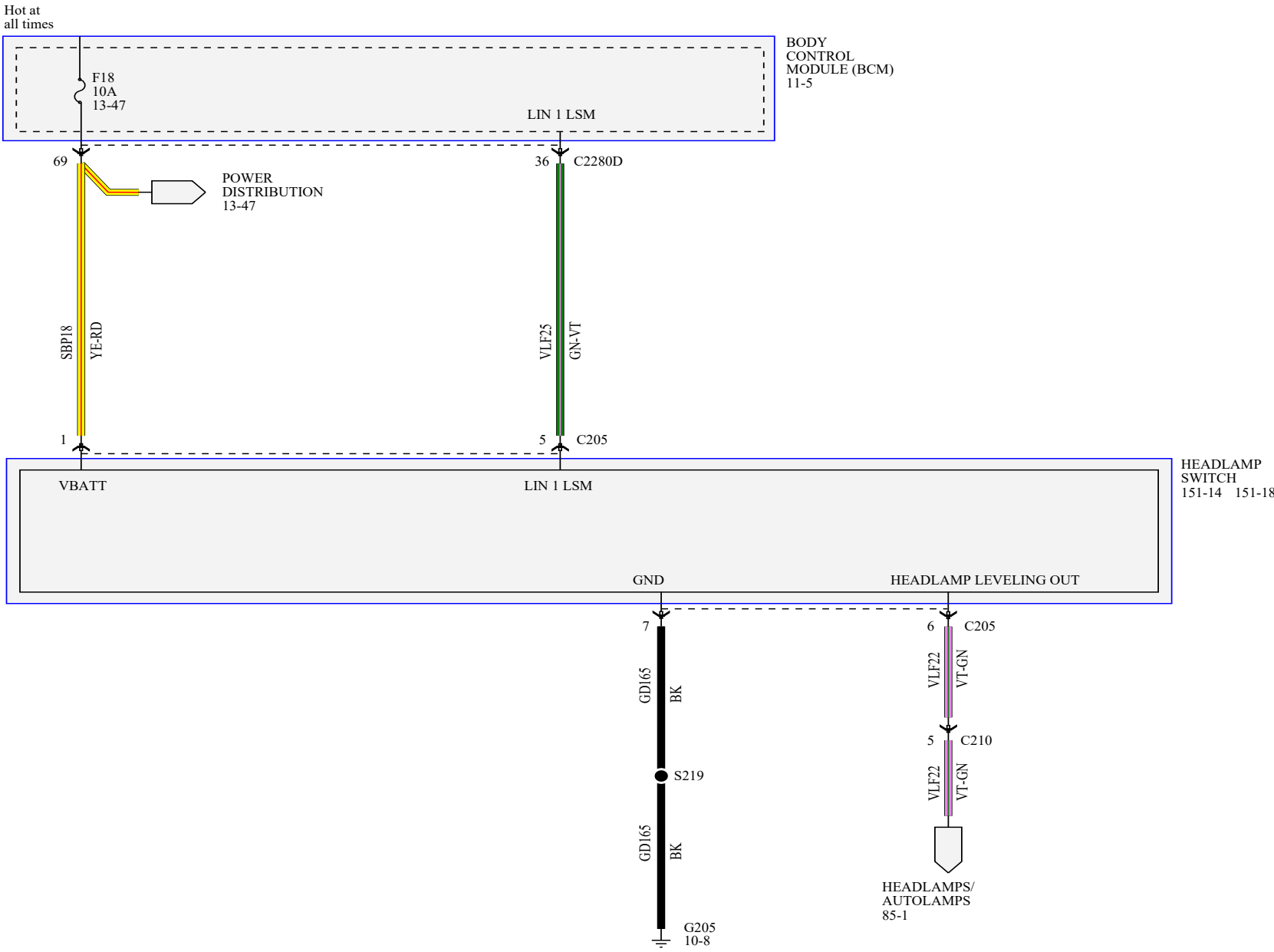
2.0L



TACHOGRAPH

2.2L





CLUSTER AND
PANEL ILLUMINATION

2.0L

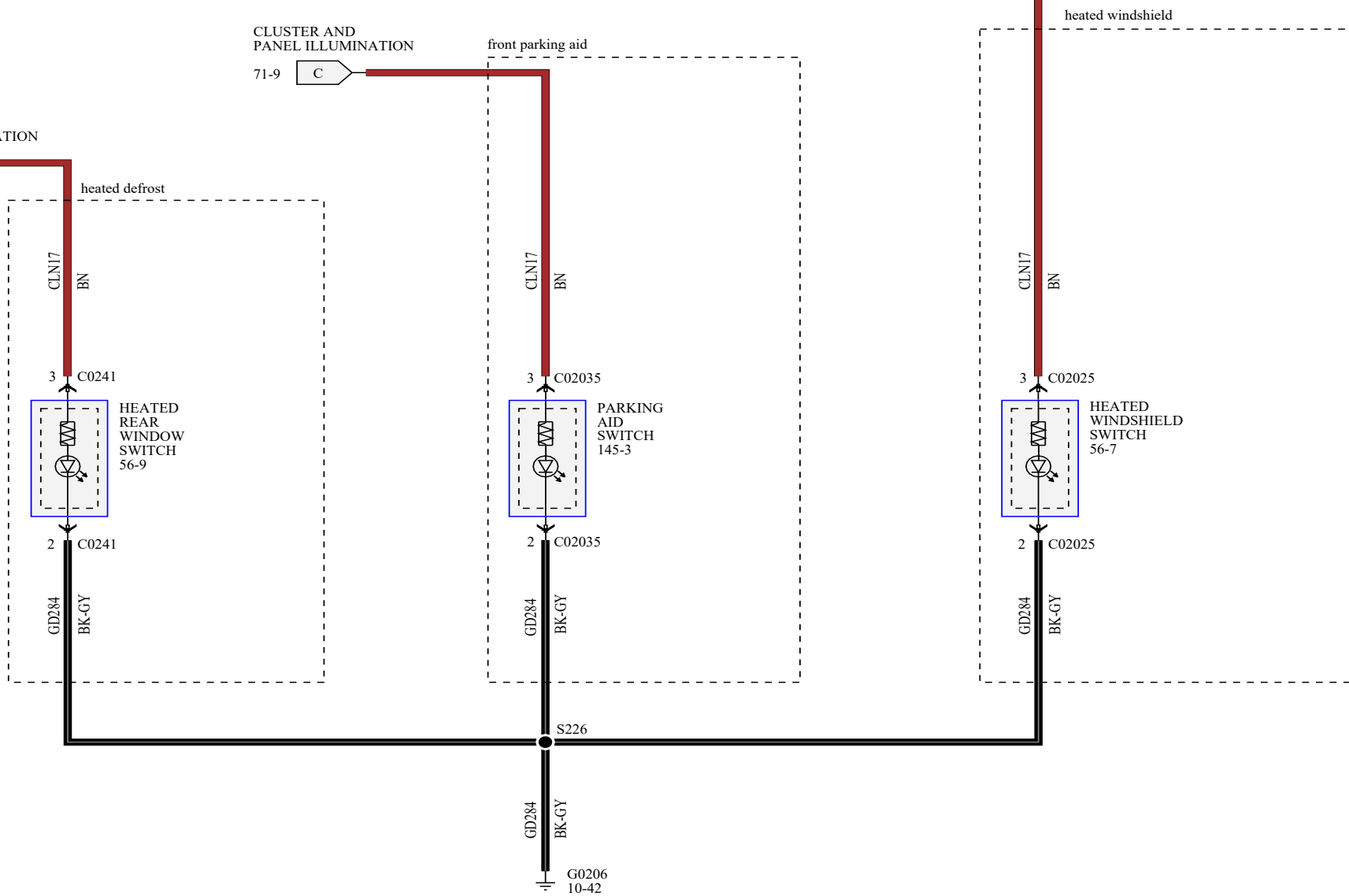
71-9 **D**

CLUSTER AND
PANEL ILLUMINATION

71-9 **C**

CLUSTER AND
PANEL ILLUMINATION

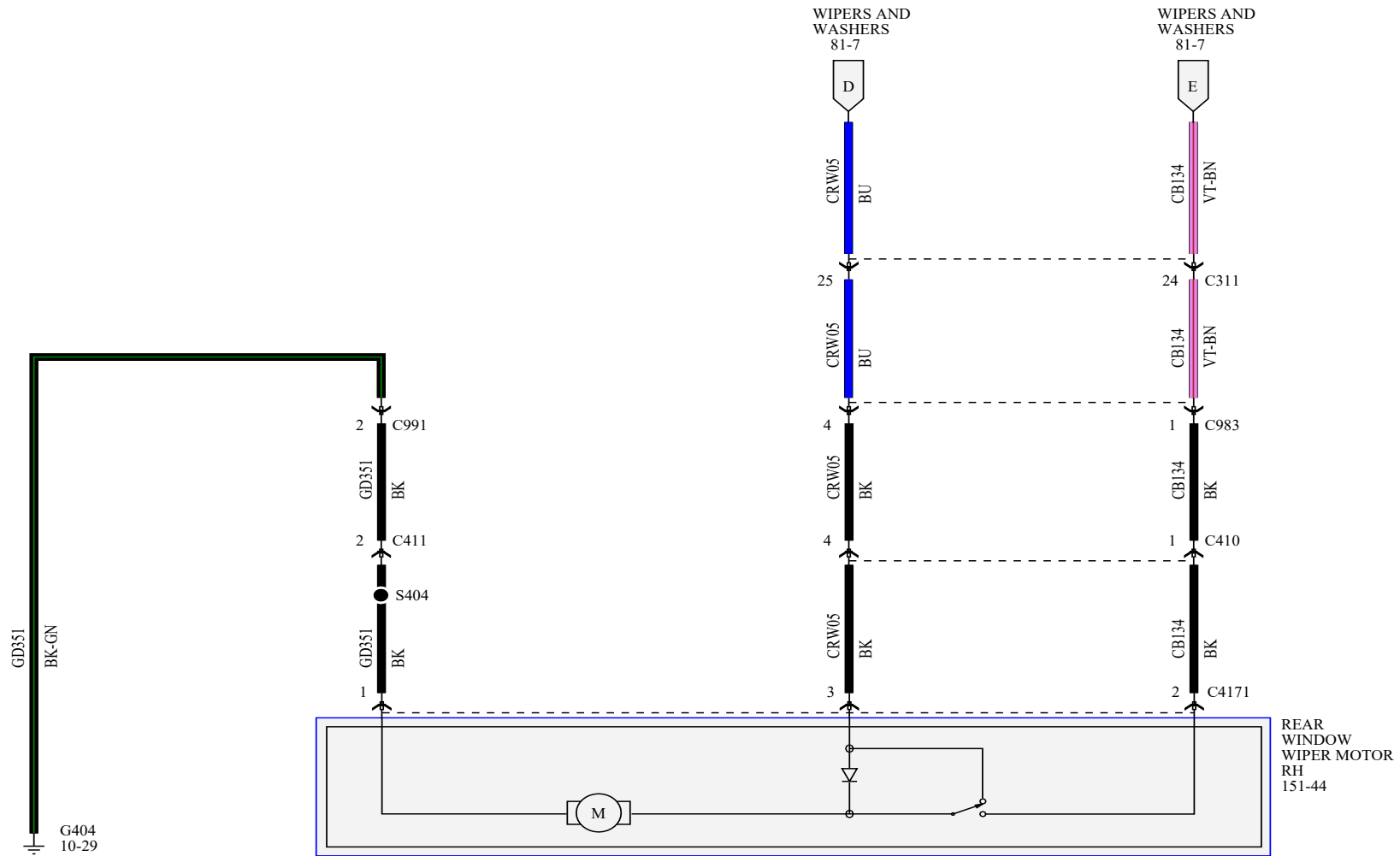
71-9 **B**



REAR WINDOW WIPERS

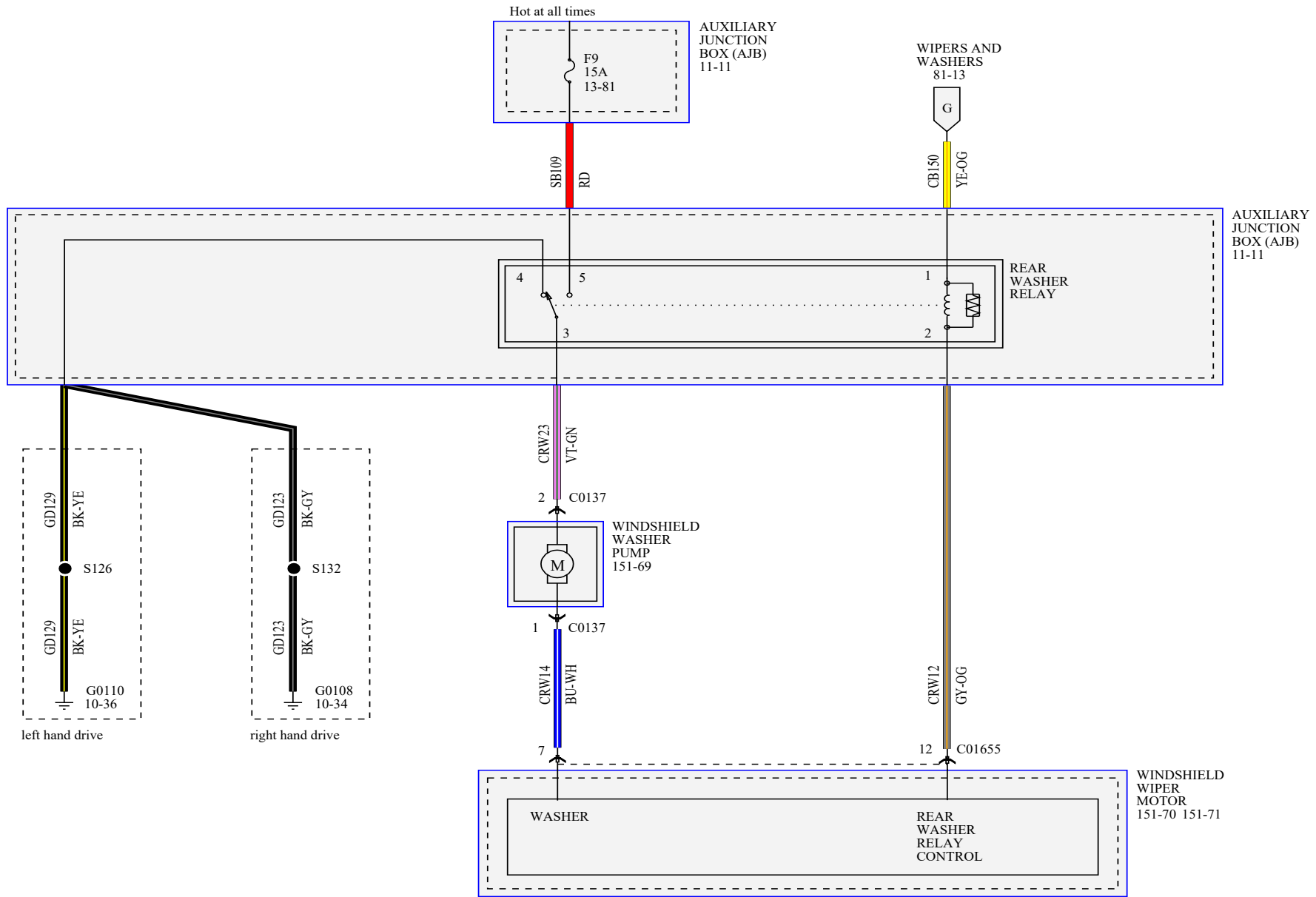
REAR DOORS

2.2L



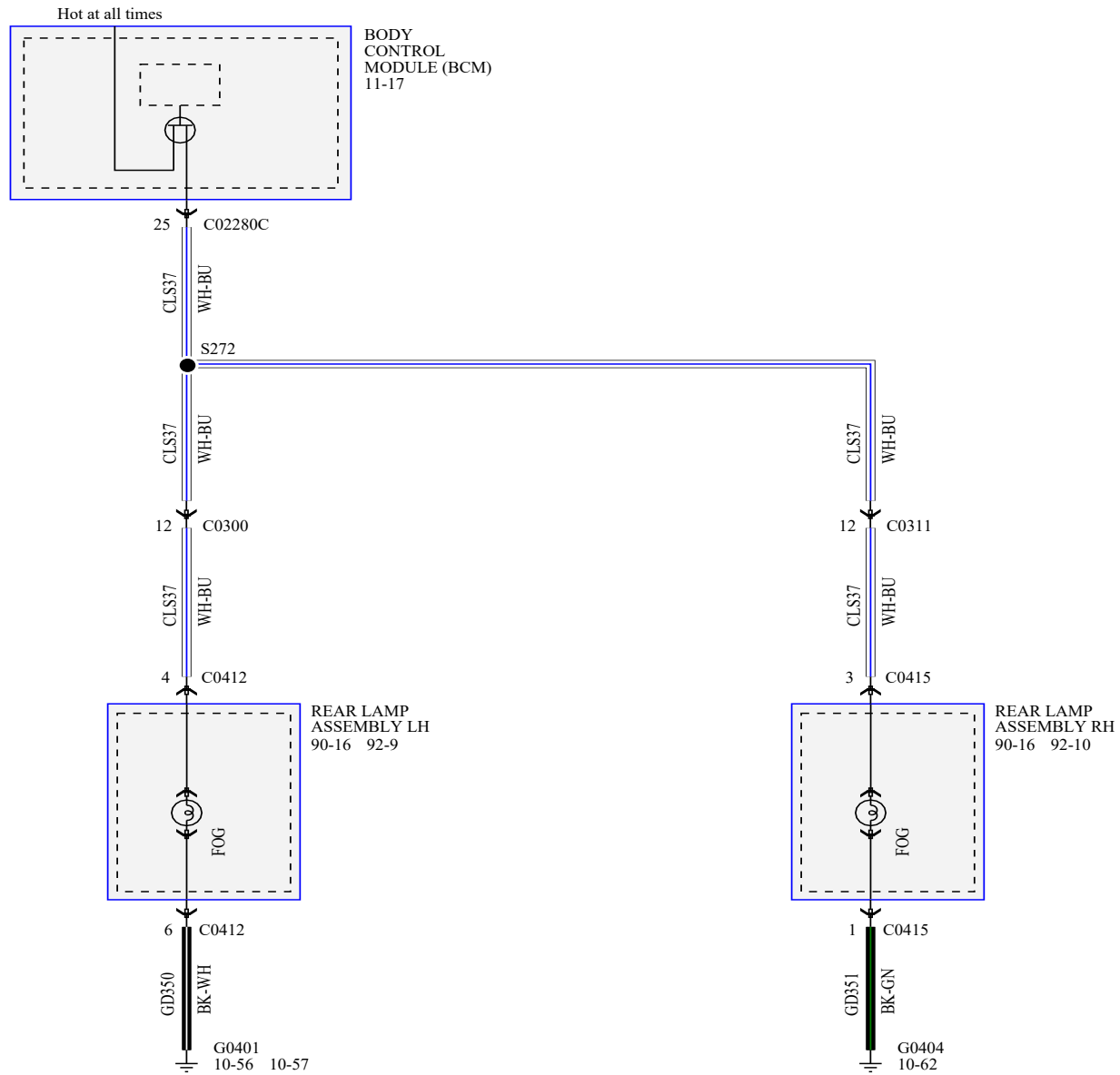
REAR WINDOW WIPERS

2.0L

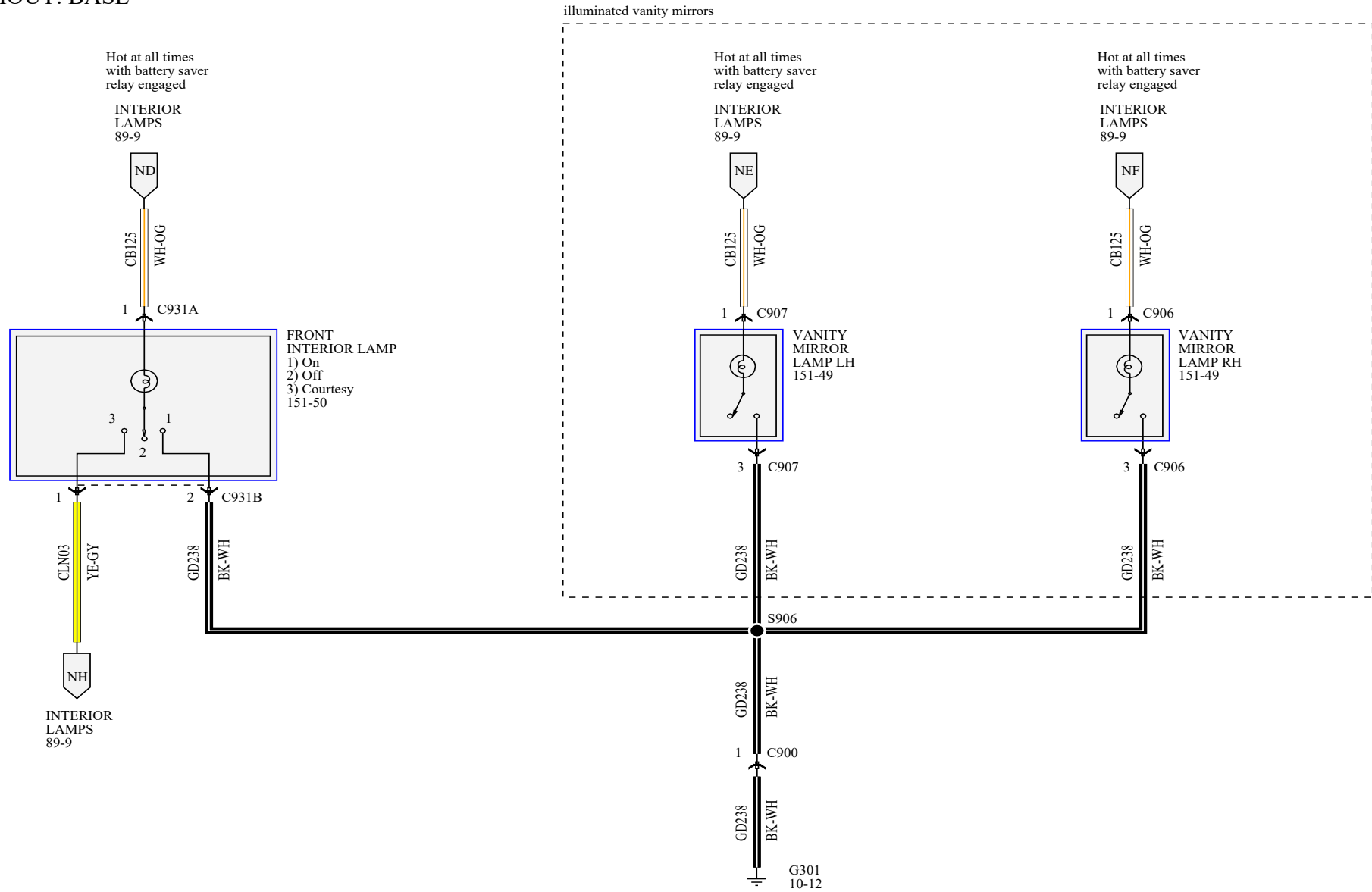


REAR FOG LAMPS

2.0L



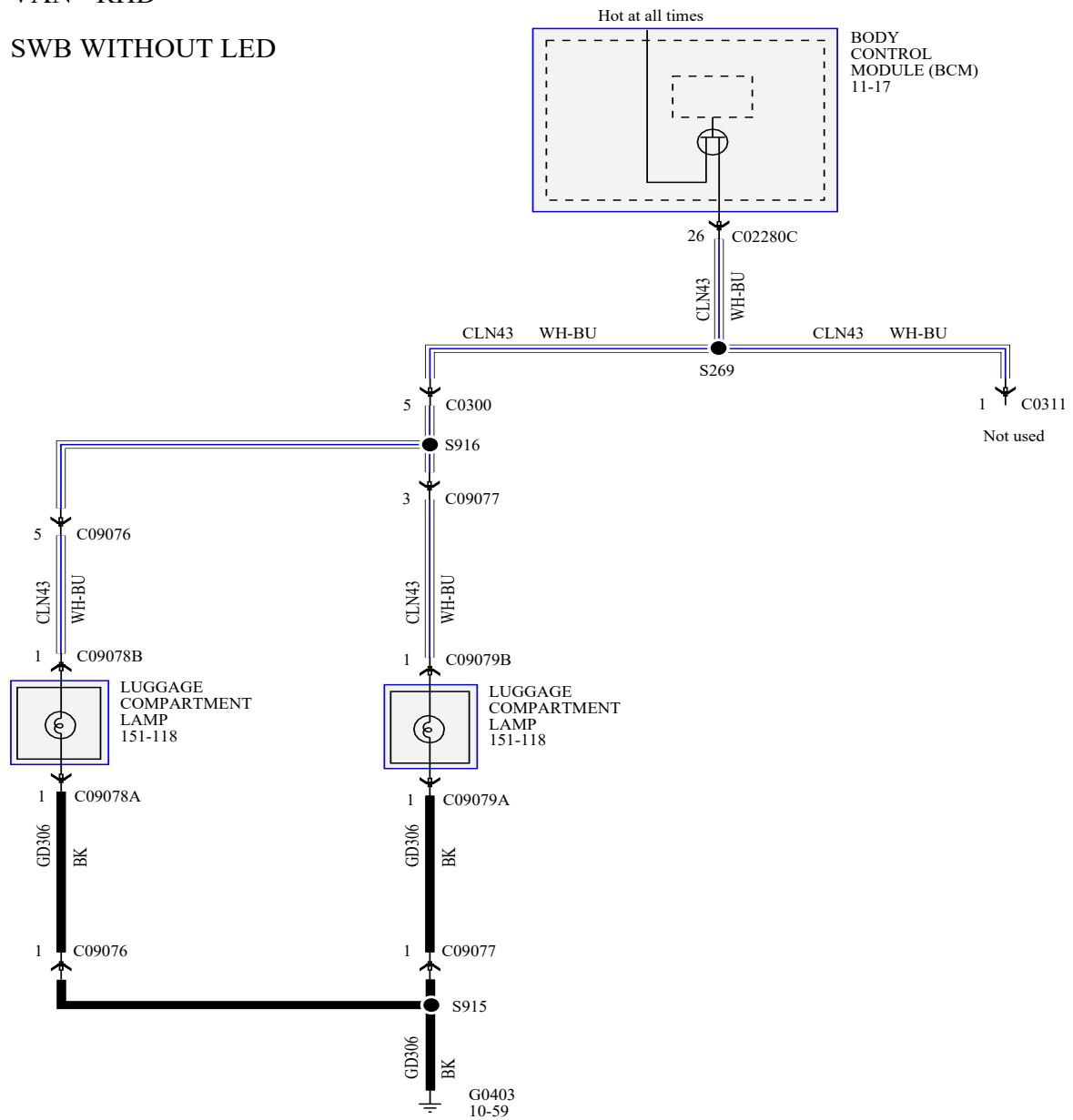
WITHOUT: BASE

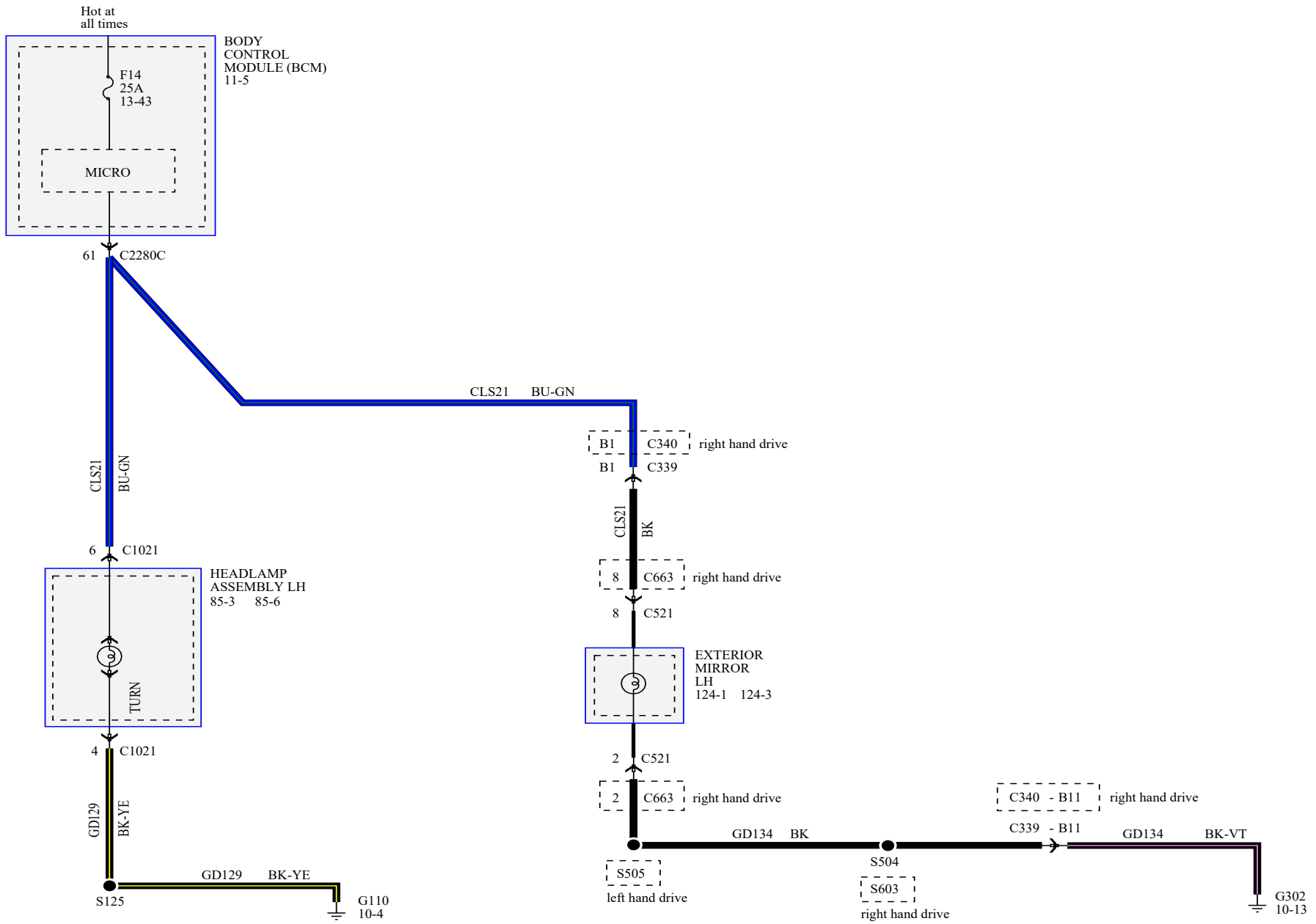


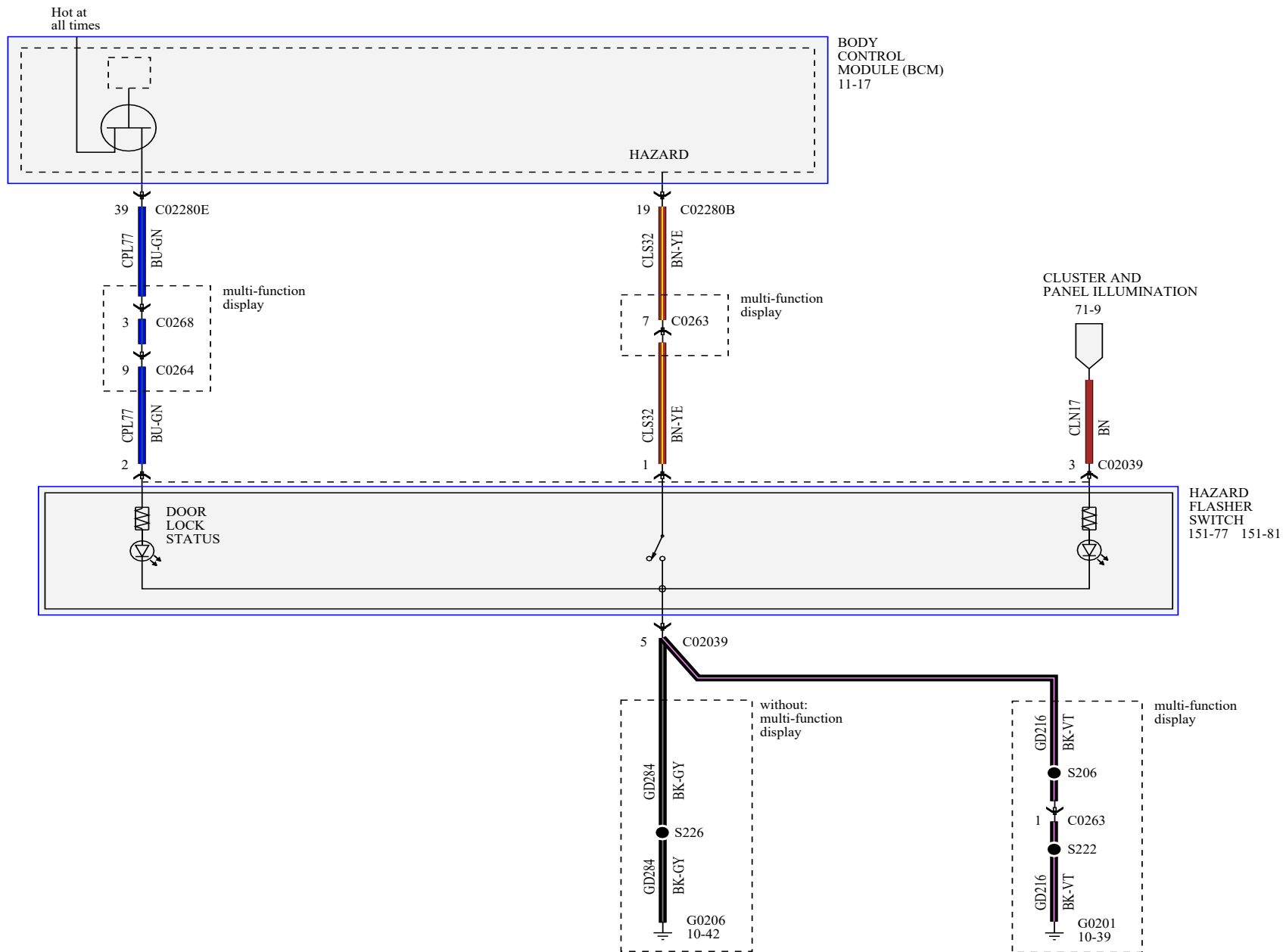
VAN - RHD

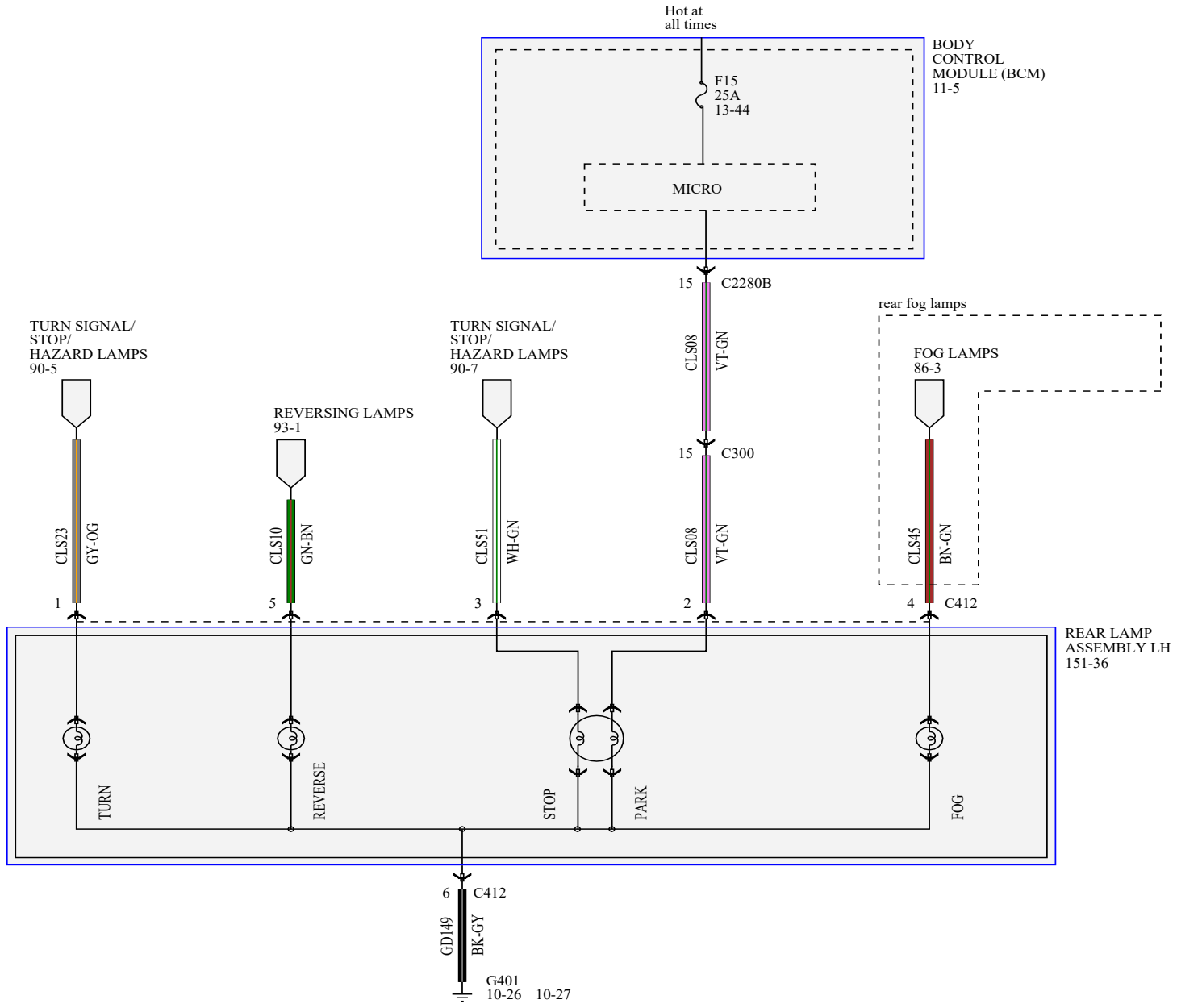
SWB WITHOUT LED

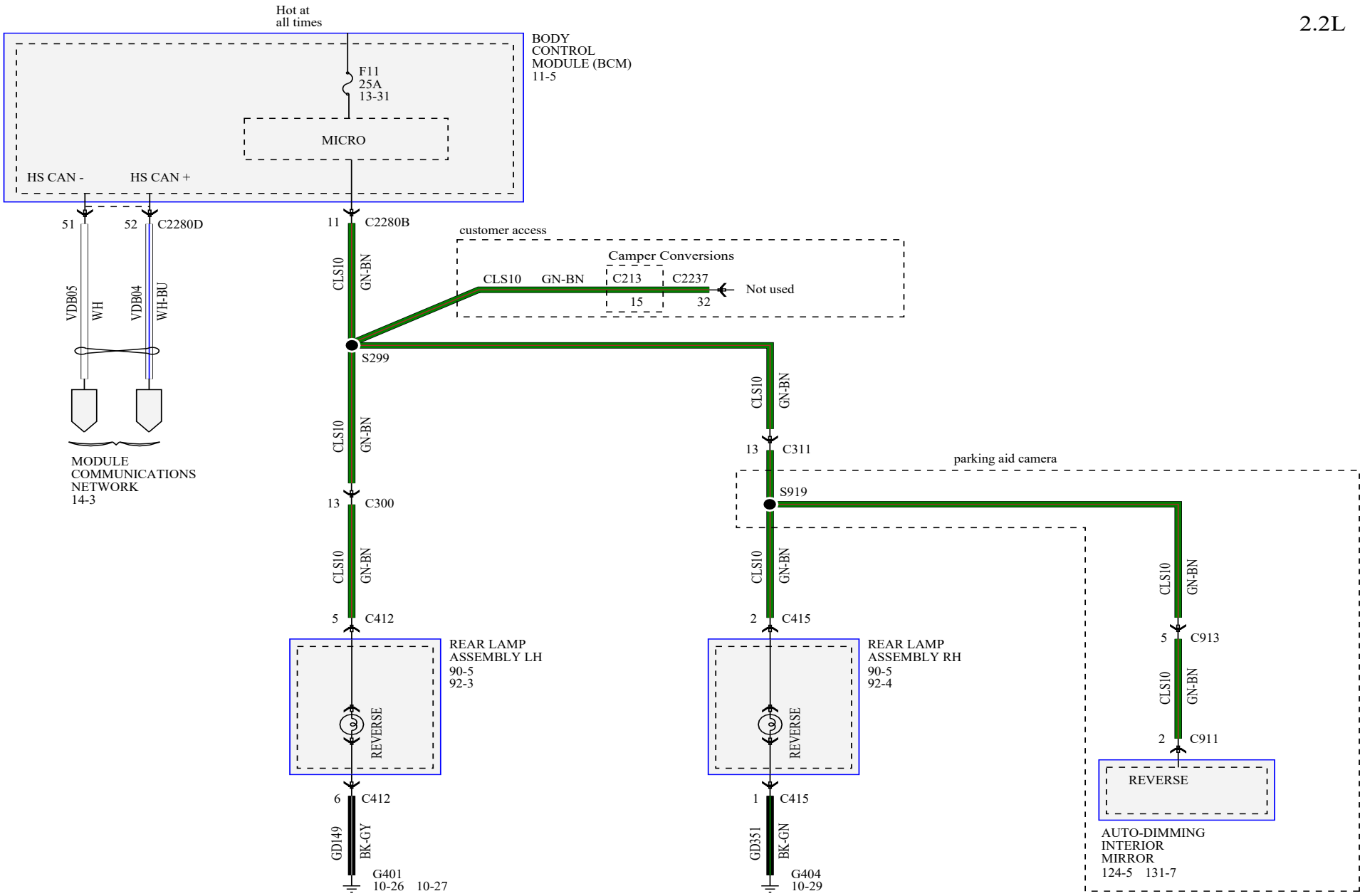
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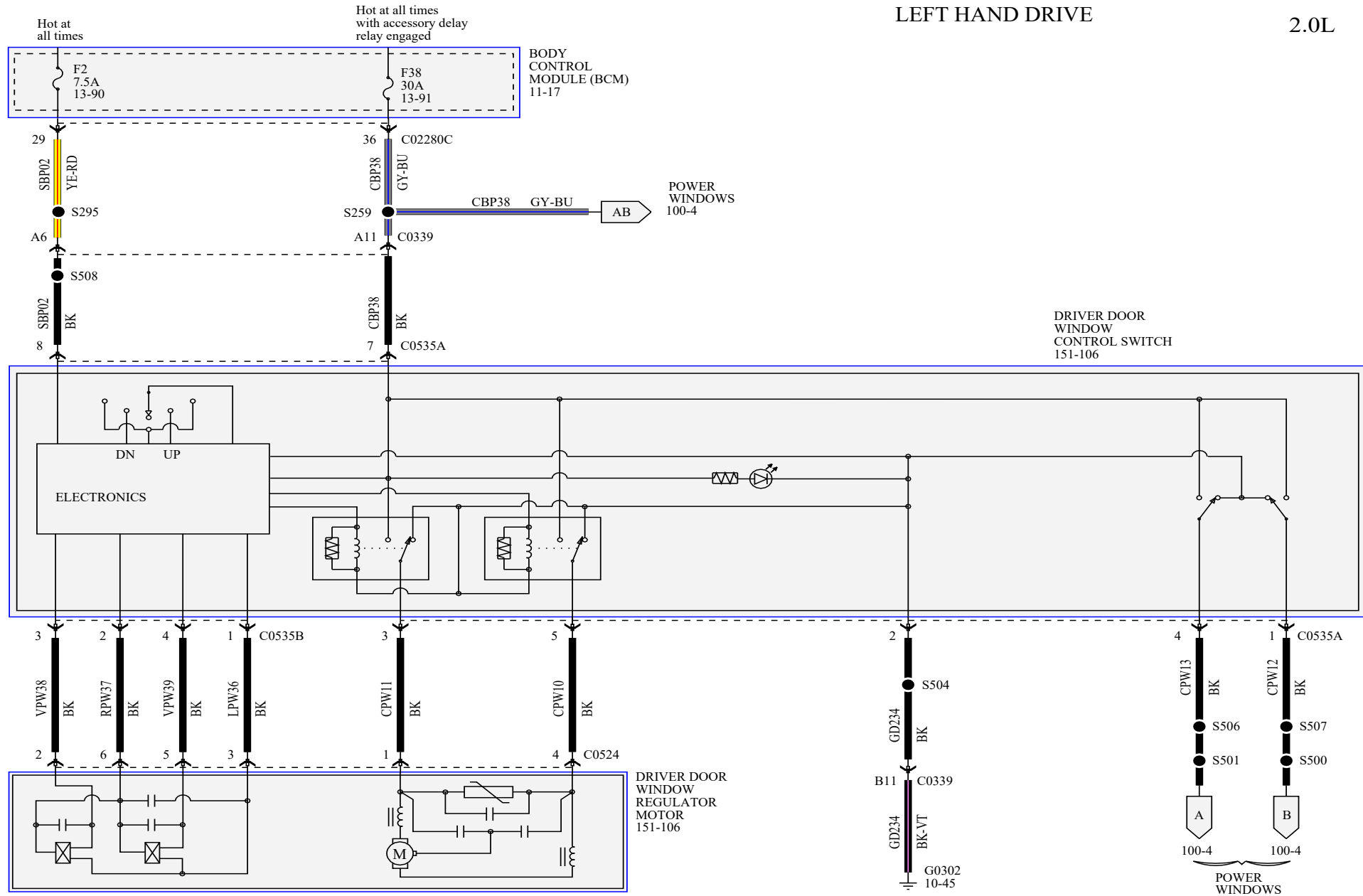


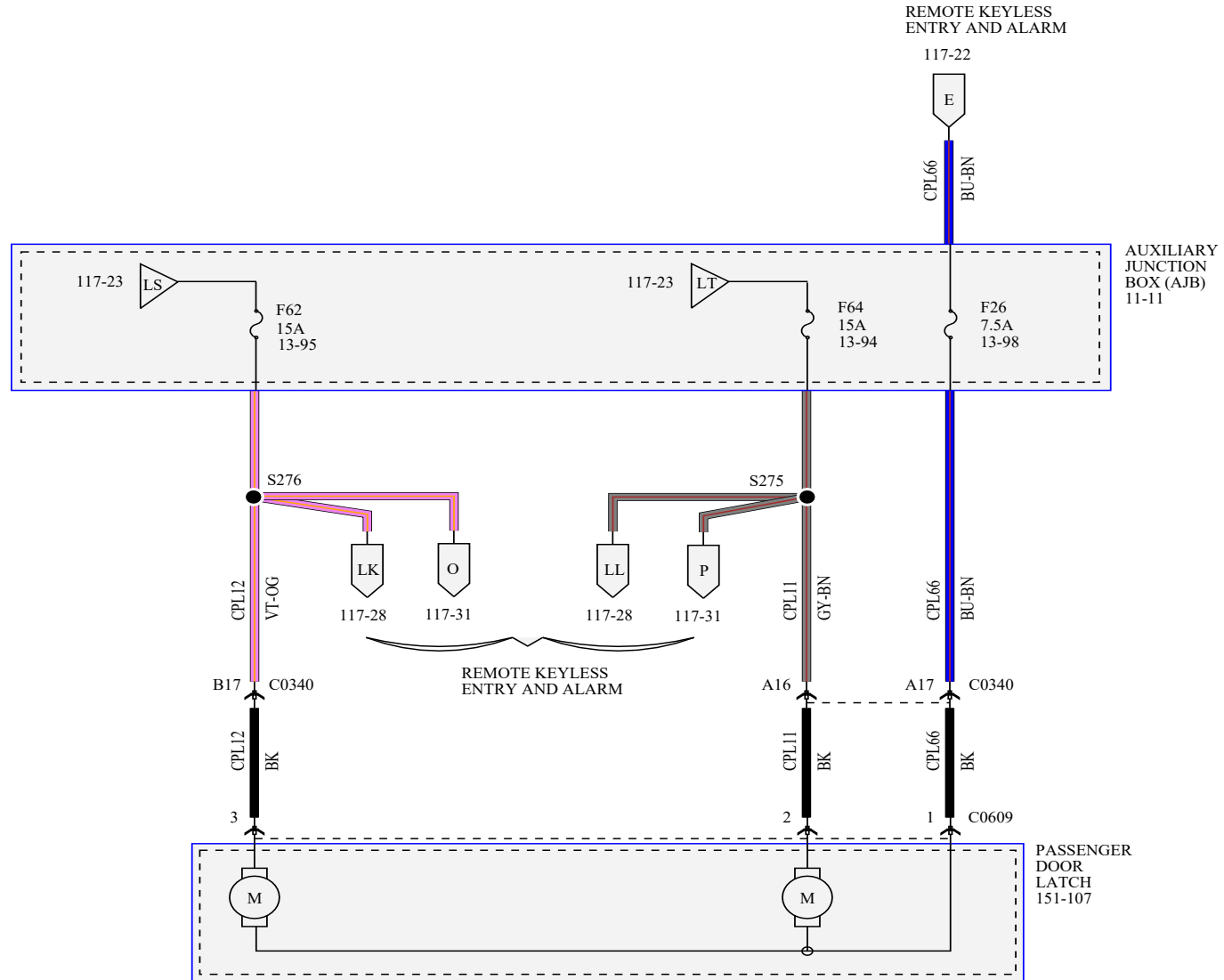






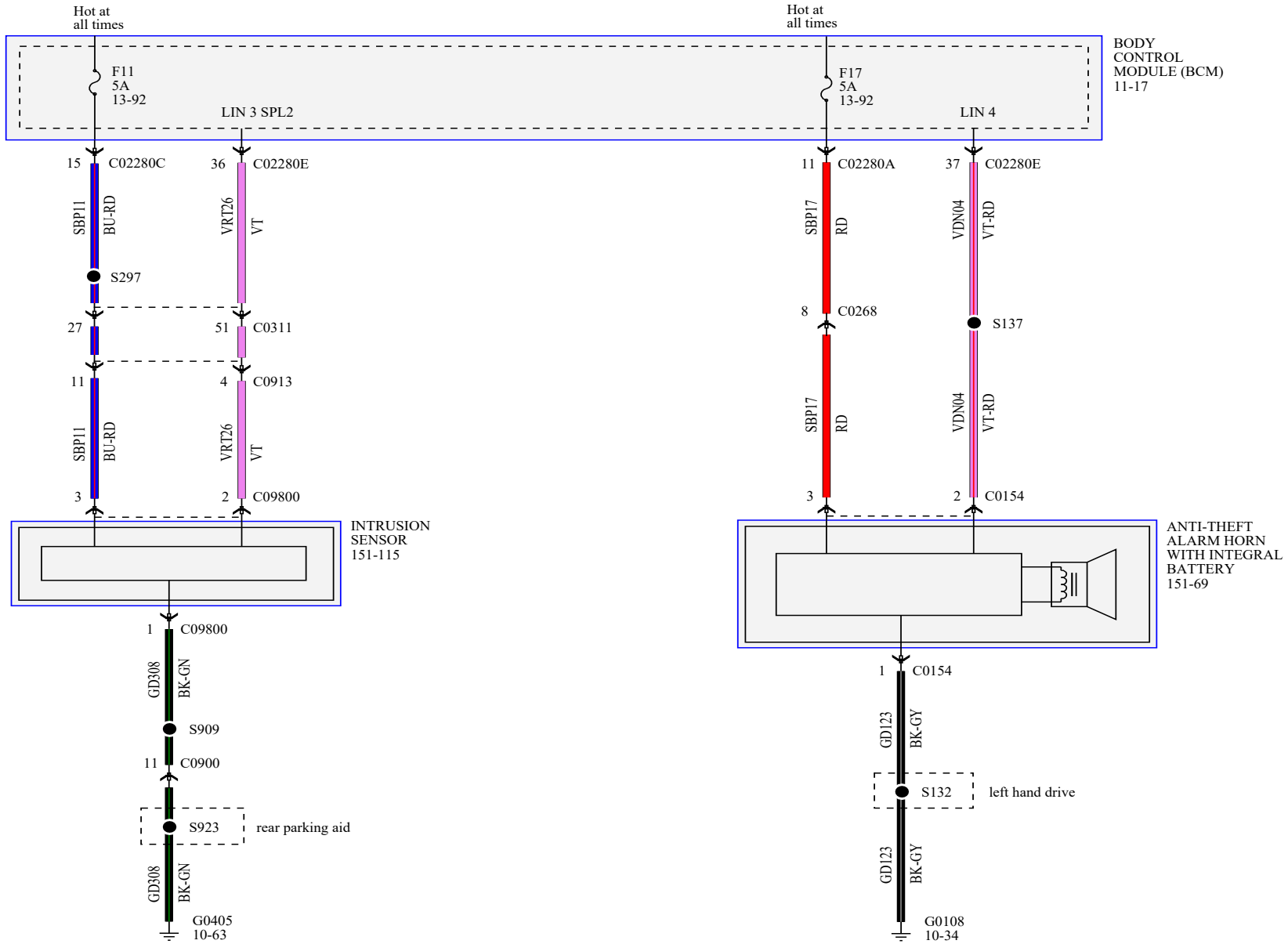


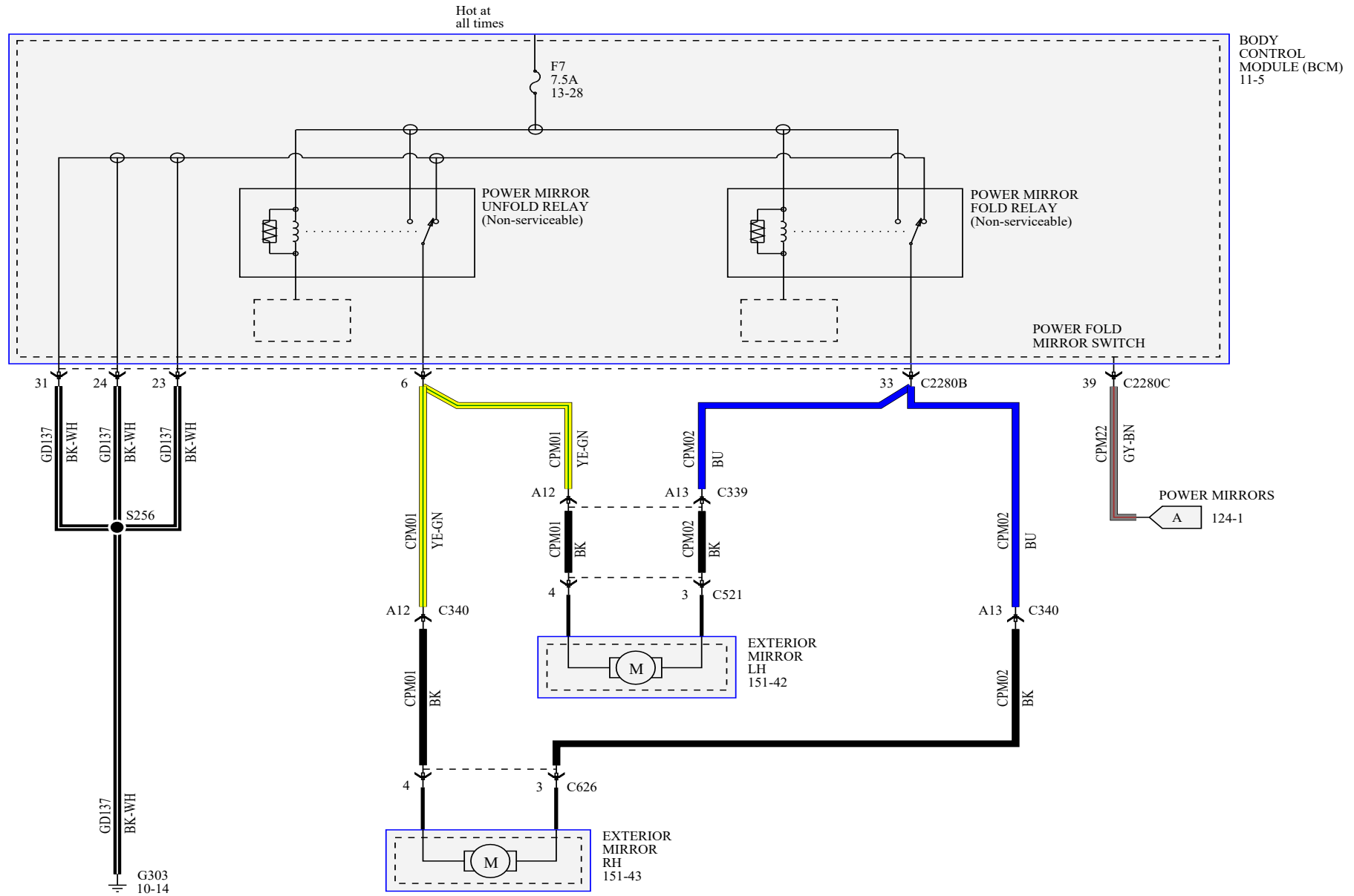




THATCHAM CATEGORY 1 ALARM

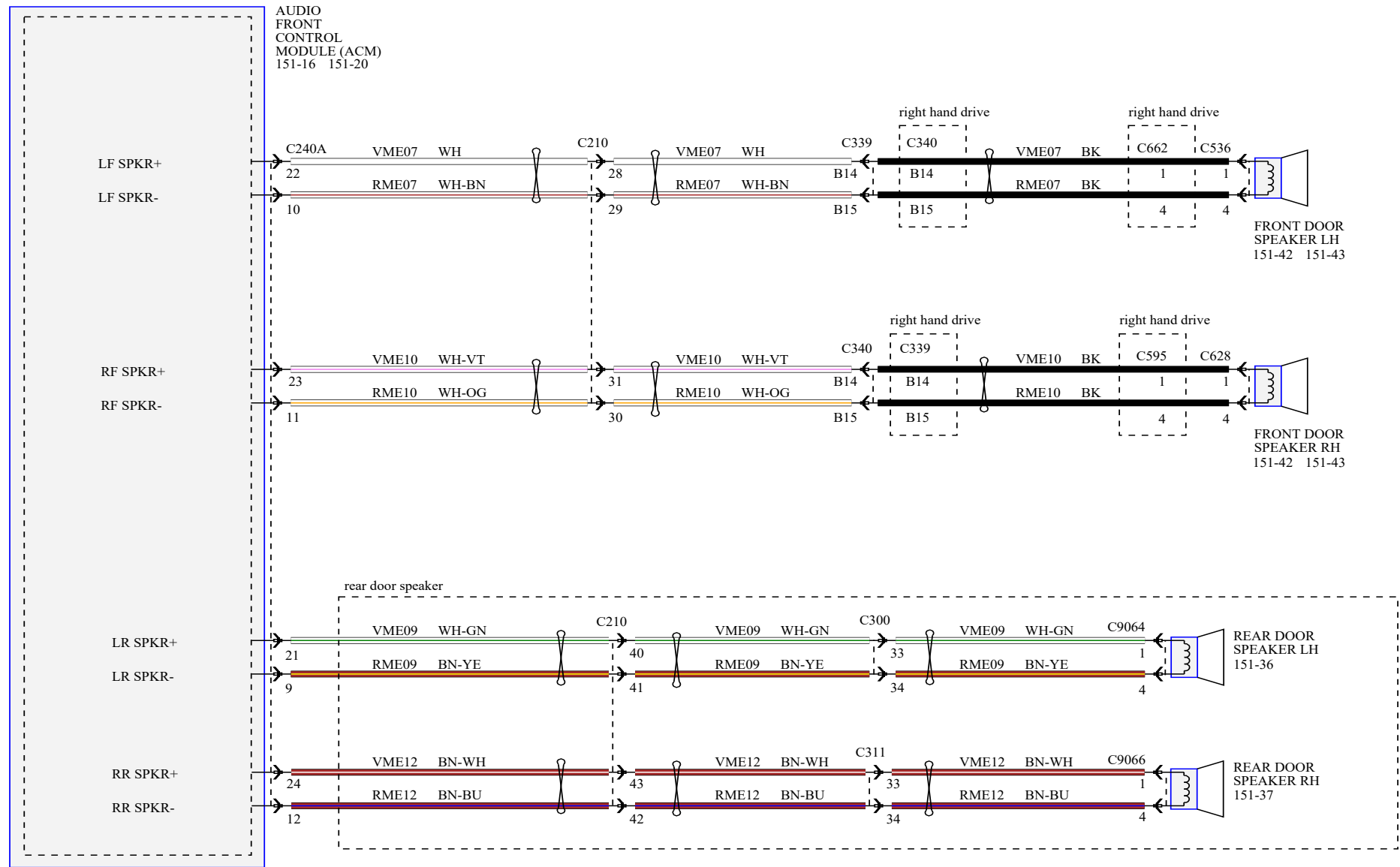
2.0L





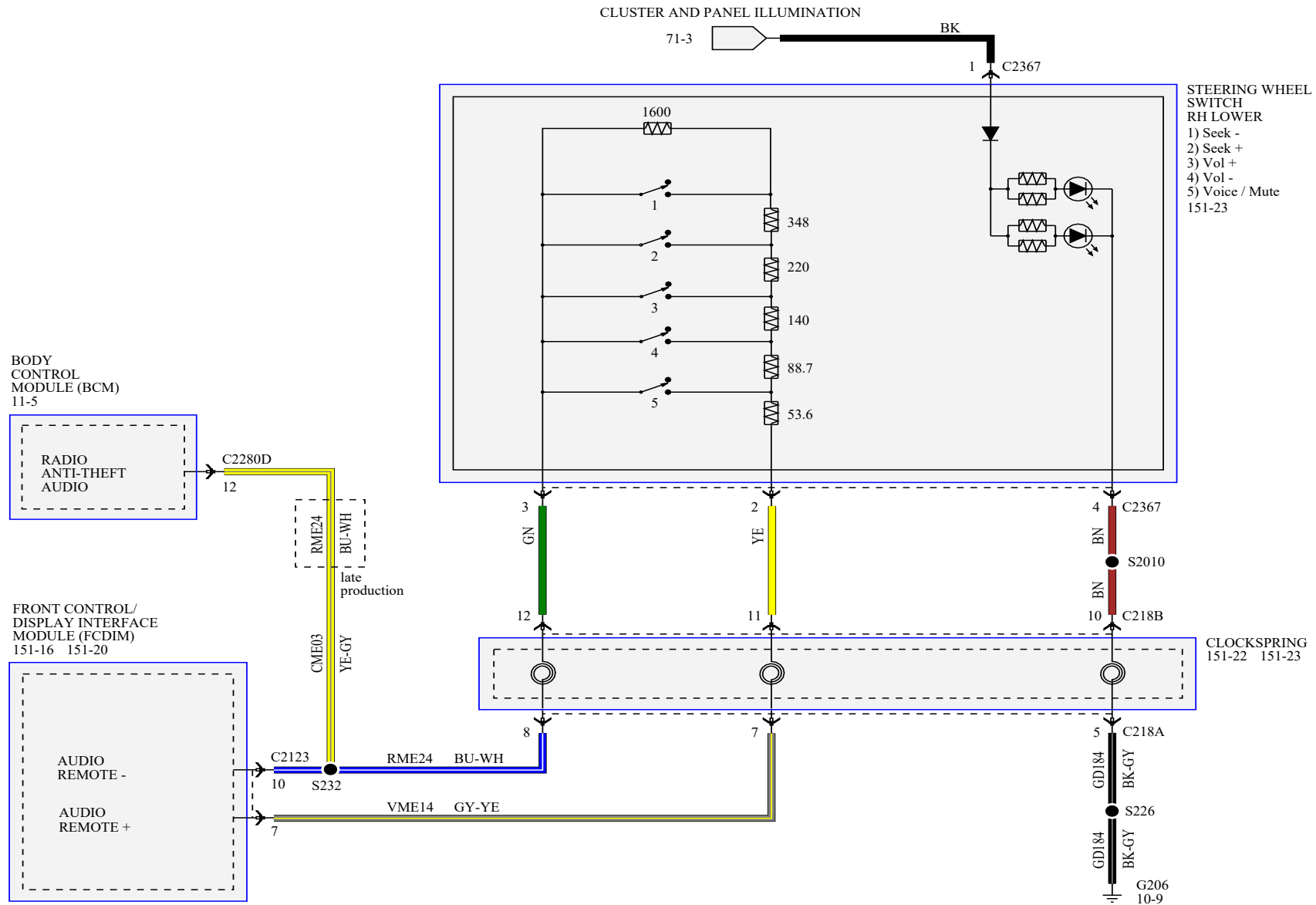
WITHOUT:
MULTI-FUNCTION DISPLAY

2.2L

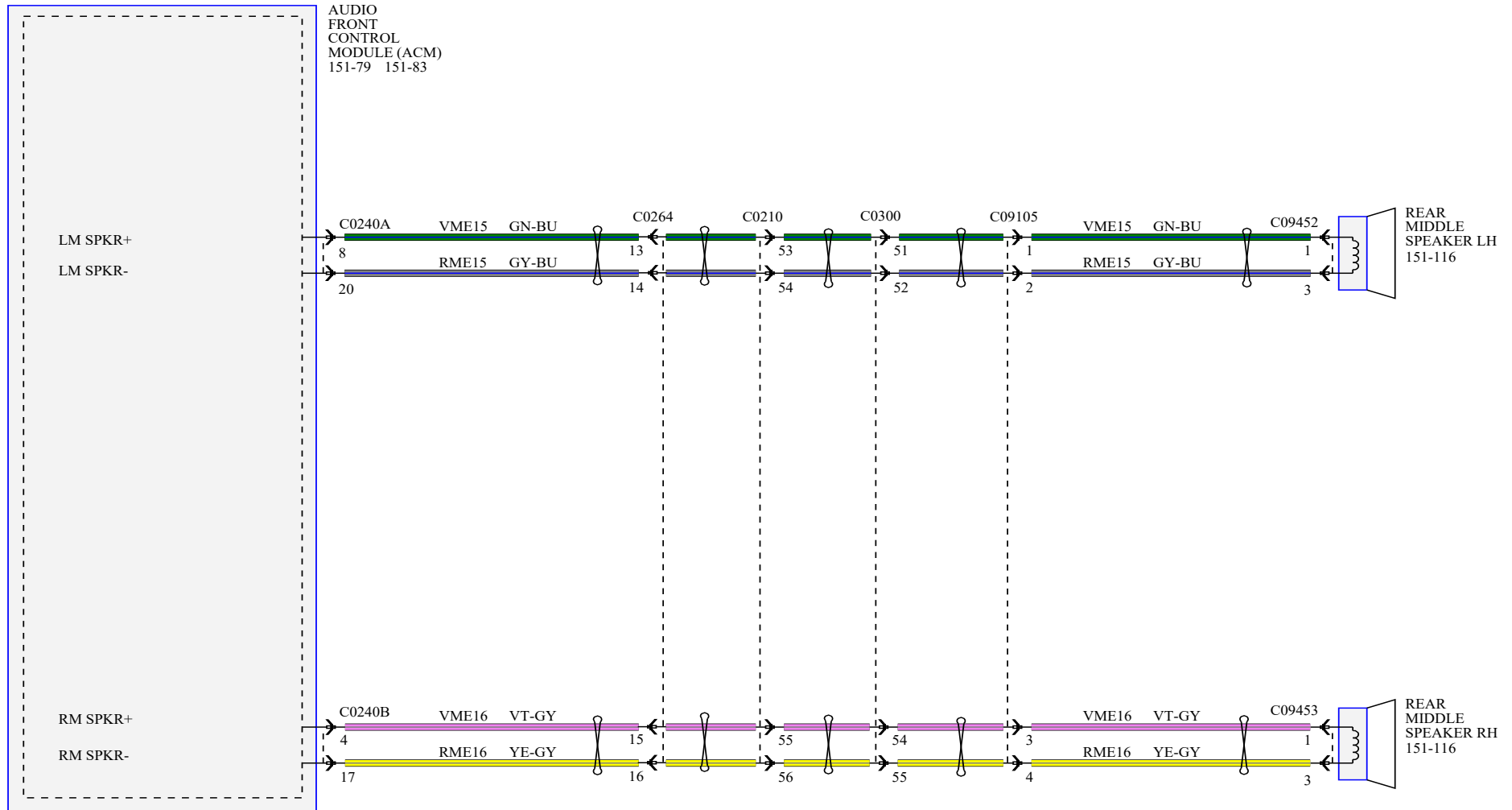


MULTI-FUNCTION DISPLAY

2.2L

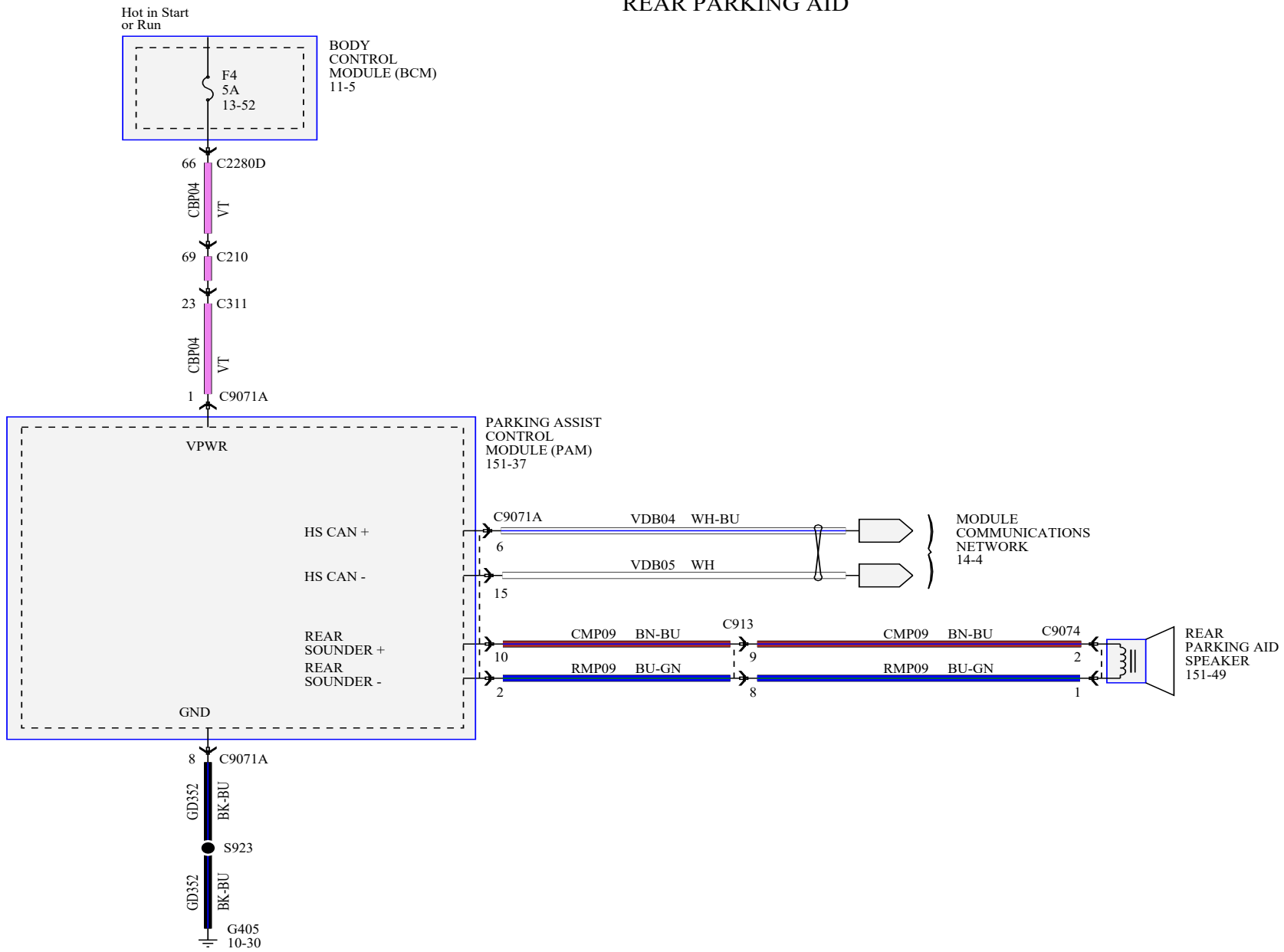


REAR SPEAKERS



REAR PARKING AID

2.2L





■ LAST SELECTED VEHICLE - (WF03XXTTG3HA33833, YP67HBC [GB]) Transit/Tourneo Custom 2012, 2.0 EcoBlue (130PS/180PS), Shadow Black (Mica)

2013 Transit Custom Connector List

Sort by Title Sort by Connector Number

C0100 AIR CONDITIONING (A/C) CLUTCH AND COMPRESSOR	C100 AIR CONDITIONING (A/C) CLUTCH AND AIR CONDITIONING (A/C) CLUTCH FIELD COIL	C101 CRANKSHAFT POSITION (CKP) SENSOR	C0102A GENERATOR	C0102B GENERATOR	C102A GENERATOR
C102B GENERATOR	C0103 ENGINE OIL PRESSURE (EOP) SWITCH	C103 ENGINE OIL PRESSURE (EOP) SWITCH	C104 ENGINE OIL QUALITY, TEMPERATURE AND LEVEL SENSOR	C0106 FUEL RAIL PRESSURE (FRP) SENSOR	C106 FUEL RAIL PRESSURE (FRP) SENSOR
C0107 CYLINDER HEAD TEMPERATURE (CHT) SENSOR	C0110 INLINE	C110 INLINE	C0124 LOW BRAKE FLUID WARNING INDICATOR SWITCH	C124 LOW BRAKE FLUID WARNING INDICATOR SWITCH	C0127 HOOD SWITCH
C127 HOOD SWITCH	C0128 MASS AIR FLOW/INTAKE AIR TEMPERATURE (MAF/IAT) SENSOR	C128 MASS AIR FLOW (MAF) SENSOR	C0131 HORN	C131 HORN	C0132 AMBIENT AIR TEMPERATURE (AAT) SENSOR
C132 AMBIENT AIR TEMPERATURE SENSOR	C0133 INLINE	C133 INLINE	C0134 INLINE	C134 INLINE	C0135 ANTI-LOCK BRAKE SYSTEM (ABS) MODULE
C135 ANTI-LOCK BRAKE SYSTEM (ABS) MODULE	C0137 WINDSHIELD WASHER PUMP	C137 WINDSHIELD WASHER PUMP	C0138 LOW WASHER FLUID WARNING INDICATOR SWITCH	C138 LOW WASHER FLUID WARNING INDICATOR SWITCH	C0139 INLINE
C139 INLINE	C0140 INLINE	C0144 INLINE	C144 INLINE	C0145 INLINE	C145 INLINE
C0150 FRONT WHEEL SPEED SENSOR LH	C150 FRONT WHEEL SPEED SENSOR LH	C0152 FRONT FOG LAMP LH	C152 FRONT FOG LAMP LH	C0154 ANTI-THEFT ALARM HORN WITH INTEGRAL BATTERY	C154 ANTI-THEFT ALARM HORN WITH INTEGRAL BATTERY
C0160 FRONT WHEEL SPEED SENSOR RH	C160 FRONT WHEEL SPEED SENSOR RH	C0162 FRONT FOG LAMP RH	C162 FRONT FOG LAMP RH	C0168 6F55 TRANSMISSION	C0169 REVERSING LAMP SWITCH
C169 REVERSING LAMP SWITCH	C171 HEATED OXYGEN SENSOR (HO2S)	C0175B POWERTRAIN CONTROL MODULE (PCM)	C0175E POWERTRAIN CONTROL MODULE (PCM)	C175B POWERTRAIN CONTROL MODULE (PCM)	C175E POWERTRAIN CONTROL MODULE (PCM)
C175T POWERTRAIN CONTROL MODULE (PCM)	C180 INTAKE CAMSHAFT POSITION (CMP) SENSOR	C181 FUEL INJECTOR 1	C182 FUEL INJECTOR 2	C183 FUEL INJECTOR 3	C184 FUEL INJECTOR 4
C0192 INLINE	C192 INLINE	C0197A STARTER MOTOR	C0197B STARTER MOTOR	C197A STARTER MOTOR	C197B STARTER MOTOR
C198 AMBIENT AIR TEMPERATURE (AAT) SENSOR	C0205 HEADLAMP SWITCH	C205 HEADLAMP SWITCH	C0210 INLINE	C210 INLINE	C212 INLINE
			C0216 DRIVER AIRBAG	C216 DRIVER AIRBAG	C0217A HORN SWITCH

(BJB) (2.0L) Engine compartment, LH side	sensor (LHD) Under driver seat	sensor (RHD) Under driver seat	sensor (LHD - 2.0L) Under driver seat	sensor (LHD - 2.0L) Under driver seat	sensor (LHD - 2.0L) Under driver seat
Battery monitoring sensor (RHD - 2.0L) Under driver seat	Battery monitoring sensor (RHD - 2.0L) Under driver seat	Battery (LHD) Under driver seat	Battery (RHD) Under driver seat	Battery (LHD - 2.0L) Under driver seat	Battery (RHD - 2.0L) Under driver seat
Beacon switch Roof, front	Blower motor resistor (LHD) Under dash panel, passenger side	Blower motor resistor (RHD) Under dash panel, passenger side	Blower motor resistor (LHD - 2.0L) Under dash panel, passenger side	Blower motor resistor (RHD - 2.0L) Under dash panel, passenger side	Blower motor switch (LHD) Under dash panel, center
Blower motor switch (RHD) Under dash panel, center	Blower motor (LHD) Under dash panel, passenger side	Blower motor (RHD) Under dash panel, passenger side	Blower motor (LHD - 2.0L) Under dash panel, passenger side	Blower motor (RHD - 2.0L) Under dash panel, passenger side	Body Control Module (BCM) (LHD) Under dash panel, driver side
Body Control Module (BCM) (RHD) Under dash panel, driver side	Body Control Module (BCM) (LHD) Under dash panel, driver side	Body Control Module (BCM) (RHD) Under dash panel, driver side	Body Control Module (BCM) (LHD - 2.0L) Under dash panel, driver side	Body Control Module (BCM) (RHD - 2.0L) Under dash panel, driver side	Body Control Module (BCM) (LHD - 2.0L) Under dash panel, driver side
Body Control Module (BCM) (RHD - 2.0L) Under dash panel, driver side	Brake Pedal Position (BPP) switch (LHD) Below dash panel, driver side	Brake Pedal Position (BPP) switch (RHD) Below dash panel, driver side	Brake Pedal Position (BPP) switch (LHD - 2.0L) Below dash panel, driver side	Brake Pedal Position (BPP) switch (RHD - 2.0L) Below dash panel, driver side	Brake vacuum switch (LHD) Engine compartment, driver side
Brake vacuum switch (LHD - 2.0L) Engine compartment, driver side	Brake vacuum switch (RHD - 2.0L) Engine compartment, driver side	Brake vacuum switch (RHD) Engine compartment, driver side	Camshaft Position (CMP) sensor (2.0L) Engine, top, LH side	Clockspring In steering column	Clockspring (2.0L) In steering column
Clockspring In steering wheel	Clockspring (2.0L) In steering wheel	Clutch Pedal Position (CPP) bottom of travel switch (LHD - auto start-stop) Below dash panel, driver side	Clutch Pedal Position (CPP) bottom of travel switch (RHD - auto start-stop) Below dash panel, driver side	Clutch Pedal Position (CPP) sensor (LHD - auto start-stop) Below dash panel, driver side	Clutch Pedal Position (CPP) sensor (RHD - auto start- stop) Below dash panel, driver side
Clutch Pedal Position (CPP) sensor (LHD - 2.0L) Below dash panel, driver side	Clutch Pedal Position (CPP) sensor (RHD - 2.0L) Below dash panel, driver side	Clutch Pedal Position (CPP) top of travel switch (LHD) Below dash panel, driver side	Clutch Pedal Position (CPP) top of travel switch (RHD) Below dash panel, driver side	Coolant water pump (2.0L) Engine, front, RH side	Coolant bypass valve (Econetic) Engine compartment, front
Cooled Exhaust Gas Recirculation	Cooling fan motor 1 (twin fans - 2.0L)	Cooling fan motor 2 (twin fans - 2.0L)	Cooling fan motor Engine	Cooling fan motor (single fan - 2.0L)	Cooling fan resistor Engine

Tachograph Roof, front	Temperature door actuator (RHD) Under dash panel, driver side	Temperature door actuator (RHD - 2.0L) Under dash panel, driver side	Temperature door actuator (LHD) Under dash panel, passenger side	Temperature door actuator (LHD - 2.0L) Under dash panel, passenger side	Third row interior lamp (Double Cab in Van - 2.0L) Roof, center
Third row interior lamp (Kombi - 2.0L) Roof, center	Third row interior lamp (Bus) Roof, center	Third row interior lamp (Bus) Roof, center	Third row interior lamp (Kombi) Roof, center	Third row interior lamp (Double Cab in Van) Roof, center	Throttle body Engine, front
Throttle Position (TP) sensor (2.0L) Engine, front, RH side	Trailer module B-Pillar LH, bottom	Trailer module (2.0L) B-Pillar LH, bottom	Trailer socket (2.0L) Underbody, rear end	Trailer socket Underbody, rear end	Transmission auxiliary oil pump (Automatic transmission - 2.0L) On transmission
Transmission Control Module (TCM) (2.0L) Engine compartment, LH side	Turbocharger actuator (2.0L) Engine, top	Turbocharger variable vane actuator Engine, rear, top	Universal Heated Oxygen Sensor (HO2S) #11 (2.0L) Engine, rear, LH side	Universal Serial Bus (USB) module (LHD) Under dash panel, driver side	Universal Serial Bus (USB) module (RHD) Under dash panel, driver side
Universal Serial Bus (USB) module (LHD - 2.0L) Under dash panel, driver side	Universal Serial Bus (USB) module (RHD - 2.0L) Under dash panel, driver side	Vanity mirror lamp LH (2.0L) Roof, front	Vanity mirror lamp LH Roof, front	Vanity mirror lamp RH (2.0L) Roof, front	Vanity mirror lamp RH Roof, front
Vehicle Dynamics Module (VDM) (2.0L) Right rear of vehicle	Water heater Roof, front	Water heater switch Roof, front	Water-in-fuel sensor Underbody, center	Windshield washer pump Engine compartment, RH side	Windshield washer pump (2.0L) Engine compartment, RH side
Windshield wiper motor (LHD) Engine compartment, driver side	Windshield wiper motor (LHD - 2.0L) Engine compartment, driver side	Windshield wiper motor (RHD - 2.0L) Engine compartment, driver side	Windshield wiper motor (RHD) Engine compartment, driver side		

C1429 In front bumper, LH side	C1430 In front bumper, RH side	C1431 In front bumper, RH side	C144 Engine compartment, LH side	C1449 Engine, front	C145 Engine compartment, LH side
C145 Engine compartment, LH side	C1465 Engine compartment, front	C1471 Engine compartment, RH side	C150 Under vehicle, left front wheel	C152 Engine compartment, LH side	C154 Engine compartment, RH side
C160 Under vehicle, right front wheel	C1603 (LHD) Engine compartment, driver side	C1603 (RHD) Engine compartment, driver side	C162 Engine compartment, RH side	C1655 (LHD) Engine compartment, driver side	C1655 (RHD) Engine compartment, driver side
C1656 (LHD) Engine compartment, passenger side	C1656 (RHD) Engine compartment, passenger side	C1681 Engine, front, top, RH side	C1687 Under vehicle, left front wheel	C1688 Under vehicle, right front wheel	C169 On transmission
C171 Engine, rear, top	C1718 Engine, rear, top	C175B Engine compartment, LH side	C175E Engine compartment, LH side	C175T Engine compartment, LH side	C180 Engine, front, top
C181 Engine, rear, top	C182 Engine, rear, top	C183 Engine, rear, top	C184 Engine, rear, top	C1901 Engine, front, top	C1902 Engine, front, top
C1903 Engine, front, top	C1904 Engine, front, top	C1912 Engine compartment, front	C1913 (Econetic) Engine compartment, front	C192 Engine compartment, RH side	C197A Engine, front, bottom
C197B Engine, front, bottom	C2004 (LHD) Under dash panel, passenger side	C2004 (RHD) Under dash panel, passenger side	C2024 (LHD) Under dash panel, driver side	C2024 (RHD) Under dash panel, driver side	C2025 (LHD) Under dash panel, driver side
C2025 (RHD) Under dash panel, driver side	C2031 (LHD) Under dash panel, center	C2031 (RHD) Under dash panel, center	C2033 (LHD) Under dash panel, driver side	C2033 (RHD) Under dash panel, driver side	C2035 (LHD) Under dash panel, driver side
C2035 (RHD) Under dash panel, driver side	C2039 (LHD) Under dash panel, center	C2039 (RHD) Under dash panel, center	C2040 (LHD) Below dash panel, driver side	C2040 (RHD) Below dash panel, driver side	C205 (LHD) Under dash panel, driver side
C205 (RHD) Under dash panel, driver side	C2056A (Bus) Roof, LH side	C2056A (Kombi) Roof, LH side	C2056A (Double Cab in Van) Roof, LH side	C2056B (Bus) Roof, LH side	C2056B (Kombi) Roof, LH side
C2056B (Double Cab in Van) Roof, LH side	C2057A (Bus) Roof, RH side	C2057A (Kombi) Roof, RH side	C2057A (Double Cab in Van) Roof, RH side	C2057B (Bus) Roof, RH side	C2057B (Kombi) Roof, RH side
C2057B (Double Cab in Van) Roof, RH side	C2057C (Bus) Roof, RH side	C2057C (Kombi) Roof, RH side	C2057C (Double Cab in Van) Roof, RH side	C2092 (RHD) Under dash panel, driver side	C2092 (LHD) Under dash panel, passenger side
C2099 (LHD) Under dash	C2099 (RHD) Under dash	C210 (RHD) Kickpanel,	C210 (LHD) Kickpanel,	C210 (LHD) Under dash	C210 (RHD) Under dash

near T/O to C2280E	near T/O to C283A	panel (14C007), in T/O near C263	(14C007), near T/O to C2383	(14C007), near T/O to C2383	(14C007), near T/O to C263
S2020 (LHD - 2.0L) Wiring harness - Main (14401), inside AJB	S2020 (RHD - 2.0L) Wiring harness - Main (14401), inside AJB	S2021 (LHD - 2.0L) Wiring harness - Main (14401), inside AJB	S2021 (RHD - 2.0L) Wiring harness - Main (14401), inside AJB	S2022 (RHD - 2.0L) Wiring harness - Main (14401), near T/O to C340A	S2022 (LHD - 2.0L) Wiring harness - Main (14401), near T/O to G309
S2023 (RHD - 2.0L) Wiring harness - Main (14401), near T/O to C340A	S2023 (LHD - 2.0L) Wiring harness - Main (14401), near T/O to G309	S2025 (LHD - 2.0L) Wiring harness - Main (14401), inside AJB	S2025 (RHD - 2.0L) Wiring harness - Main (14401), inside AJB	S203 (LHD - 2.0L) Wiring harness - Instrument panel (14C007), in T/O near C263	S203 (LHD) Wiring harness - Instrument panel (14C007), near T/O to C2383
S203 (RHD) Wiring harness - Instrument panel (14C007), near T/O to C2383	S203 (RHD - 2.0L) Wiring harness - Instrument panel (14C007), near T/O to C263	S204 (LHD - 2.0L) Wiring harness - Instrument panel (14C007), near T/O to C2039	S204 (LHD) Wiring harness - Instrument panel (14C007), near T/O to C2383	S204 (RHD) Wiring harness - Instrument panel (14C007), near T/O to C2383	S204 (RHD - 2.0L) Wiring harness - Instrument panel (14C007), near T/O to C2398
S205 (LHD - 2.0L) Wiring harness - Instrument panel (14C007), near T/O to C2039	S205 (LHD) Wiring harness - Instrument panel (14C007), near T/O to C2383	S205 (RHD) Wiring harness - Instrument panel (14C007), near T/O to C2383	S205 (RHD - 2.0L) Wiring harness - Instrument panel (14C007), near T/O to C2398	S206 (LHD - 2.0L) Wiring harness - Instrument panel (14C007), in T/O to C2123A	S206 (RHD - 2.0L) Wiring harness - Instrument panel (14C007), in T/O to C2123A
S206 (LHD) Wiring harness - Instrument panel (14C007), near T/O to C265	S206 (RHD) Wiring harness - Instrument panel (14C007), near T/O to C265	S207 (LHD - 2.0L) Wiring harness - Instrument panel (14C007), near T/O to C2039	S207 (RHD - 2.0L) Wiring harness - Instrument panel (14C007), near T/O to C2039	S207 (LHD) Wiring harness - Instrument panel (14C007), near T/O to C265	S207 (RHD) Wiring harness - Instrument panel (14C007), near T/O to C265
S208 (LHD) Wiring harness - Brake warning switch (2B325), near T/O to C257	S208 (LHD - 2.0L) Wiring harness - Instrument panel (14C007), in T/O to C240A	S208 (RHD - 2.0L) Wiring harness - Instrument panel (14C007), near T/O to C263	S209 (LHD - 2.0L) Wiring harness - Instrument panel (14C007), in T/O to C240A	S209 (RHD - 2.0L) Wiring harness - Instrument panel (14C007), near T/O to C263	S210 (LHD - 2.0L) Wiring harness - Instrument panel (14C007), in T/O to C2123A
S210 (RHD - 2.0L) Wiring harness - Instrument panel (14C007), in T/O to C2123A	S210 (LHD) Wiring harness - Instrument panel (14K024), in T/O to C251	S210 (RHD) Wiring harness - Instrument panel (14K024), in T/O to C251	S2100 (RHD) Wiring harness - Main (14401), near T/O to C210	S2100 (LHD) Wiring harness - Main (14401), near T/O to C210	S2101 (RHD) Wiring harness - Main (14401), near T/O to C210
S2101 (LHD)	S211 (LHD - 2.0L)	S211 (RHD - 2.0L)	S211 (LHD)	S211 (RHD)	S212 (RHD - 2.0L)

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