

Current Flow (1)

Each cell normally starts with the component that powers the circuit, such as a fuse or the ignition switch. Current flow is shown from the power source at the top of the page to ground at the bottom of the page. A full representation of the power supply of a fuse or the power distribution from a fuse to various components is given in cell 13 "Power Distribution." Full representation of the ground connections are shown in cell 10 "Grounds."

Switch Positions (2)

Within a schematic, all switches, sensors and relays are shown "at rest" (ignition switch OFF).

Splices (3)

Splices directly connecting to the power distribution are best represented on the power distribution schematic in cell 13 "Power Distribution." Splices connected to grounds can be seen completely in cell 10 "Grounds." For all other splices, a reference is given to each off page where that particular splice can be best viewed.

Component Referencing (4)

Components on a schematic have a reference to a component location view or the page where it is shown completely. The reference is located to the right of each component.

Component Names (5)

Component names are placed on the right hand side of each component when possible. Descriptions of the internals of the component are also included when available. The page where the component appears in full is listed in the Index. The base part number for a component is listed in cell 150 "Connector Views."

Internal Name and Function Identification Numbers (6)

Some components on each page have internal symbols with an identification number located within it. You can identify the internal symbol or function by finding the corresponding number under the component name.

Circuit Numbering and Wire Identification (7)

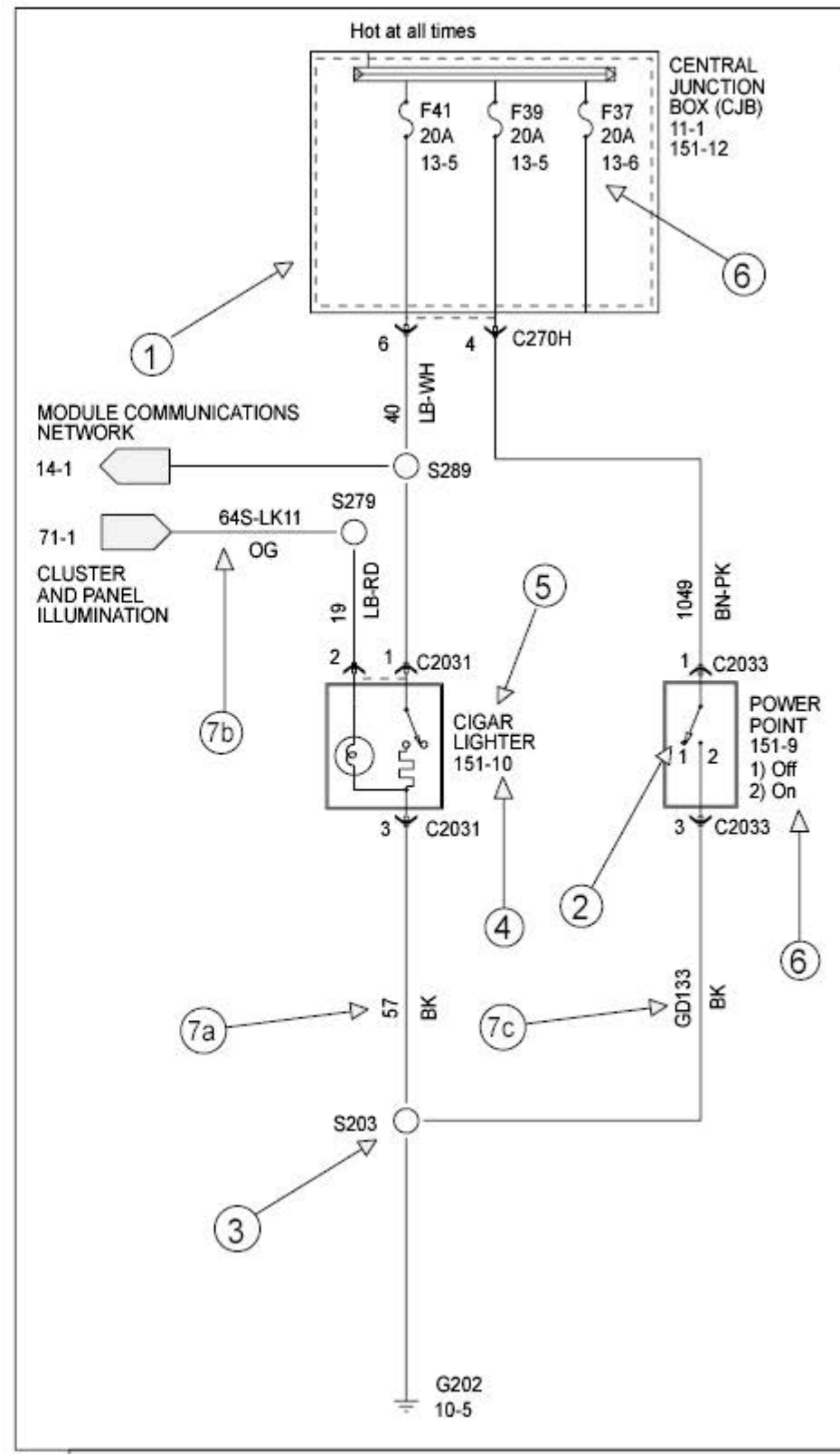
Ford Motor Company uses three different circuit numbering conventions: Standard Circuit Numbering System, Global Circuit Numbering System, and New Global Circuit Numbering System (NGCNS). With each, the circuit number (which identifies a specific circuit function) is followed by the wire color.

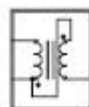
Examples:



NOTE: Refer to cell 150 "Connector Views" for circuit functions.

The wire identification consists of a basic color and possibly a stripe, and is determined directly from the wire's circuit number. In the schematics, the wire colors are indicated next to the wires. The colors are abbreviated using the international norm IEC 757. The abbreviations are listed in cell 4 "Symbols."





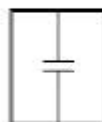
Ignition coil assembly



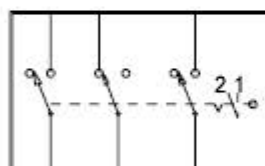
Solenoid controlled valve
or clutch solenoid



Light emitting diode
(LED)



Capacitor



Multipole switch



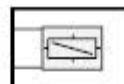
Piezoelectric sensor



From off-page Reference



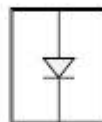
To off-page Reference



Hall sensor



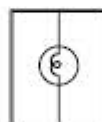
Clockspring



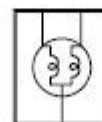
Diode, current flows in
direction of arrow



Switch



Lamp



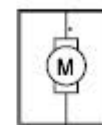
Bifilament lamp



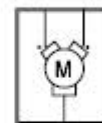
Buzzer



Antenna



Permanent magnet,
one-speed-motor



Permanent magnet,
two-speed-motor



Rotational sensor



Horn or speaker



Fusible link



Shield



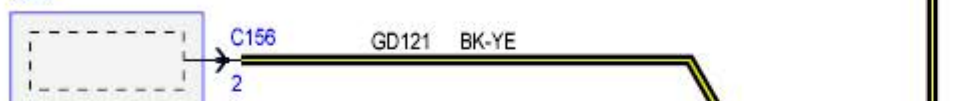
Warning

Bull Bar

PARK/TURN LAMP,
LH FRONT
90-3 92-2



TURN LAMP,
LEFT FRONT
90-2



Without Headlamp Leveling

FOG LAMP,
LEFT FRONT
86-1



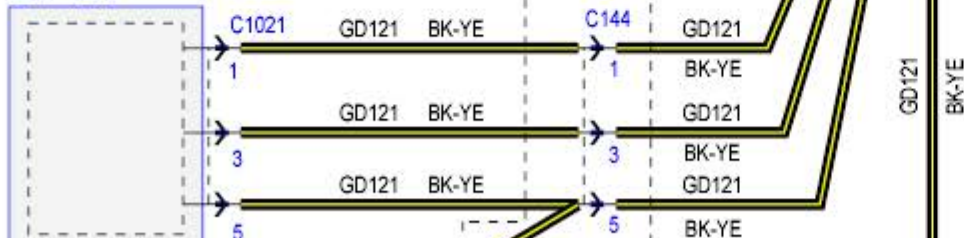
HEADLAMP LEVELING
MOTOR, LEFT
85-5



ANTI-THEFT
HOOD SWITCH
117-5



HEADLAMP
ASSEMBLY LH
85-3 85-4
92-1 97-1

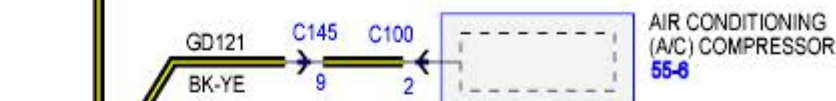
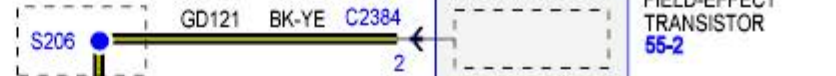


DAYTIME RUNNING
LAMP, LH
85-6 97-2

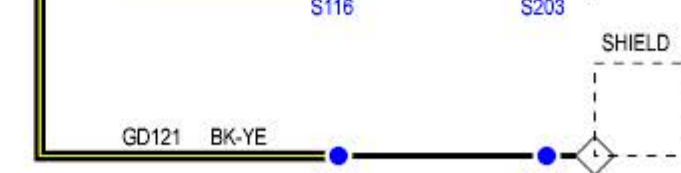
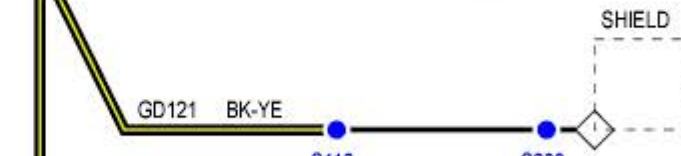
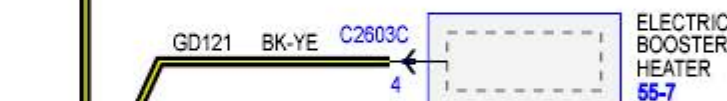
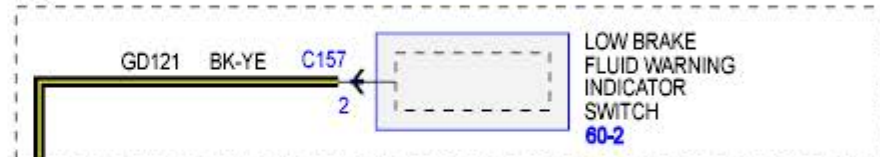


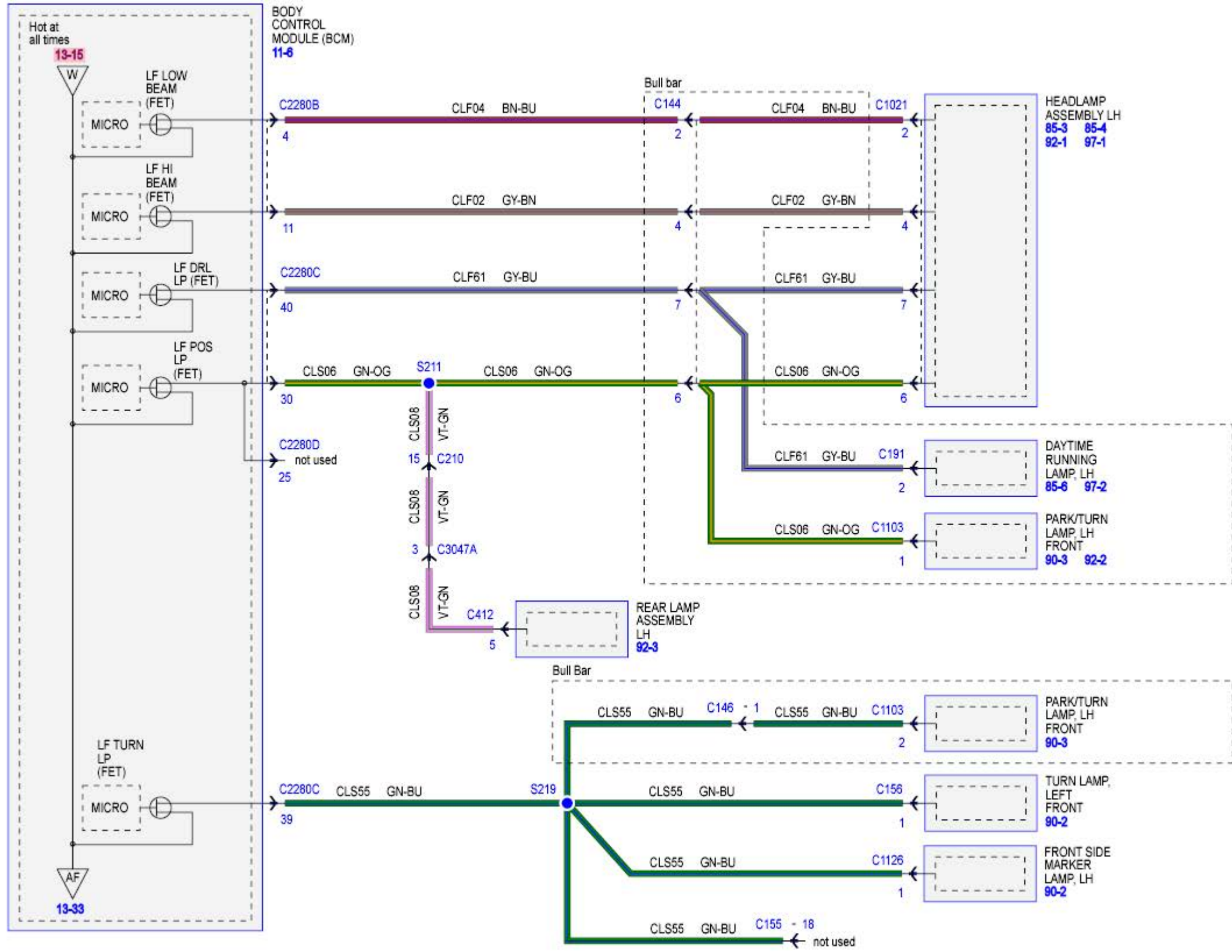
10-2
A
GROUNDS

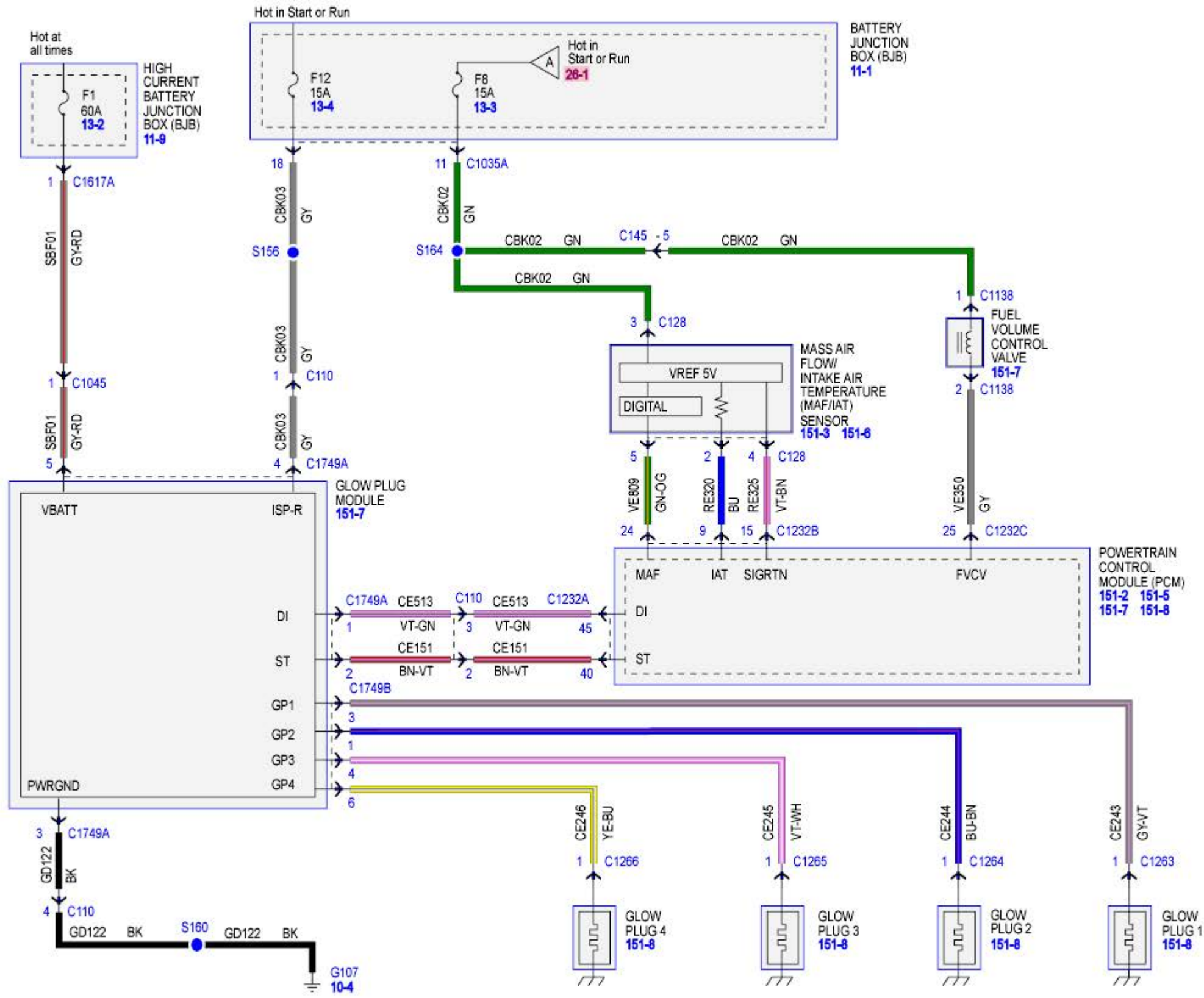
LHD

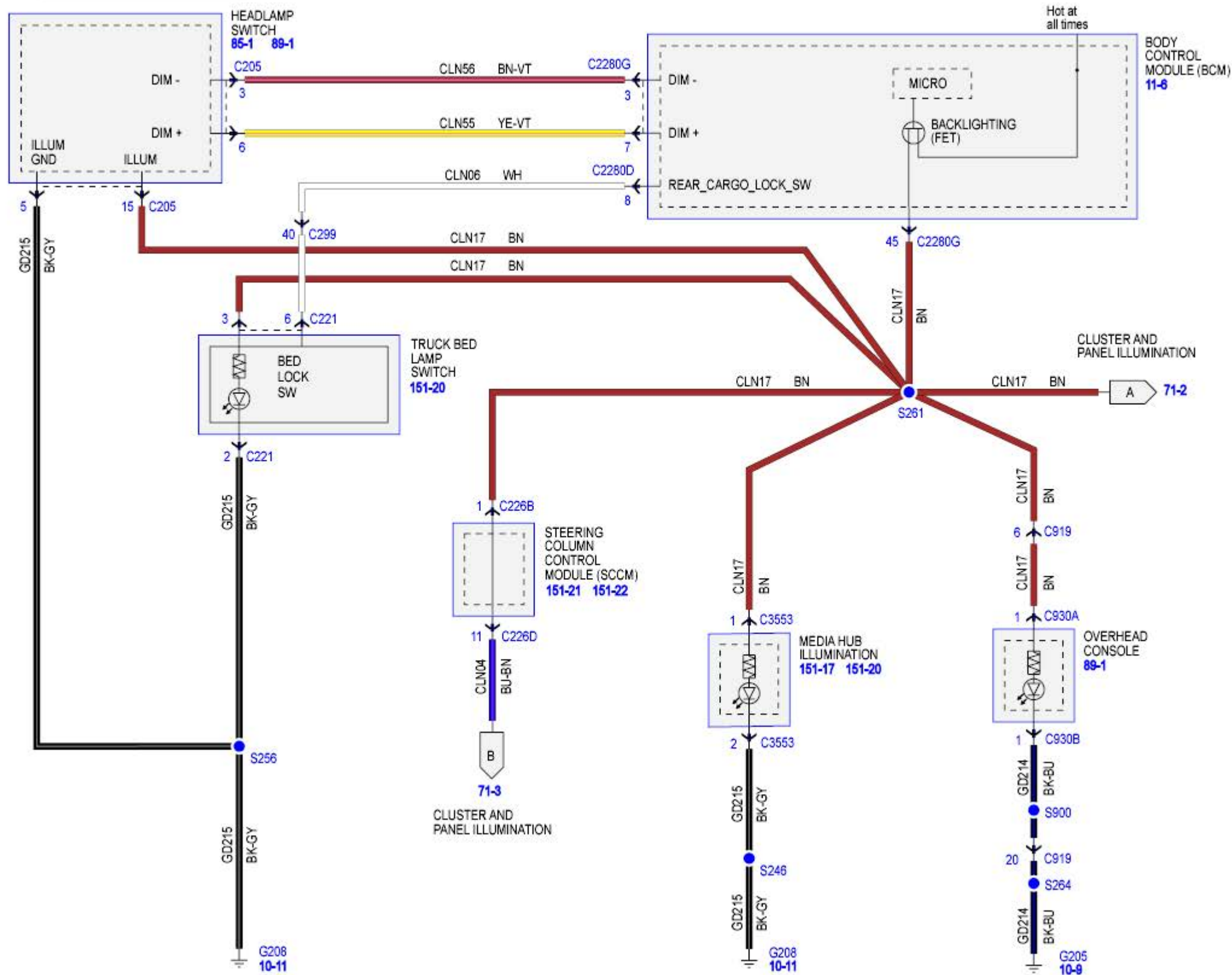


LHD

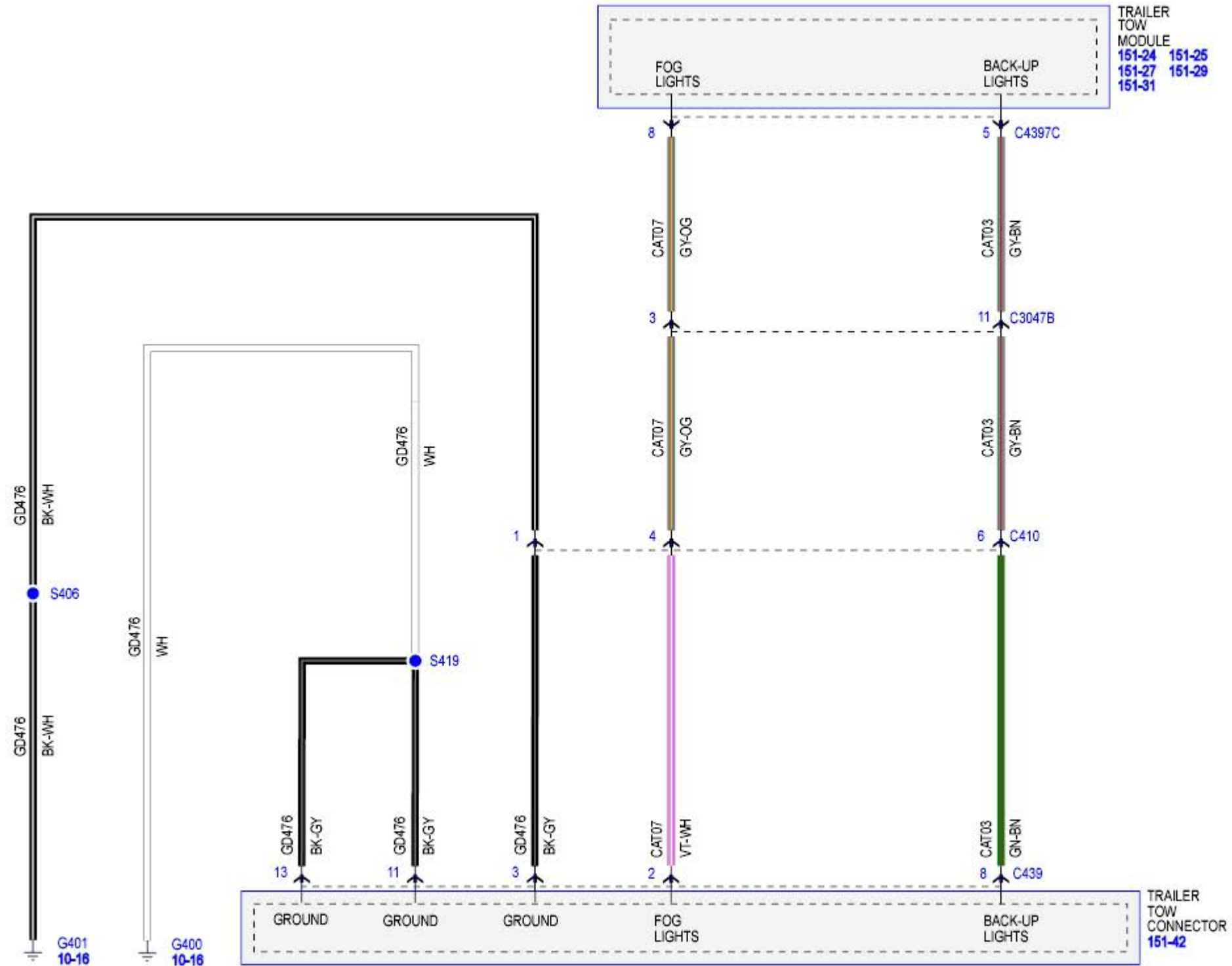






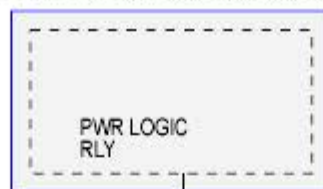
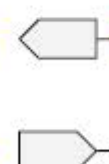


EXCEPT SOUTH AFRICA



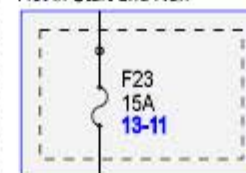
MODULE
COMMUNICATIONS
NETWORK

14-7
14-7



DC TO DC
CONVERTER
CONTROL
MODULE
40-2

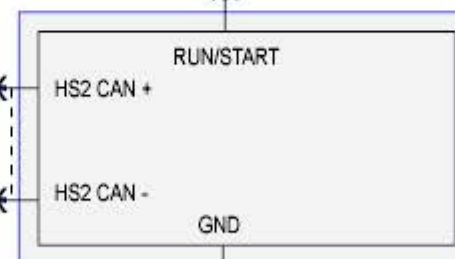
5 C242
CBB23
BN-YE



BATTERY
JUNCTION
BOX (BJB)
11-1

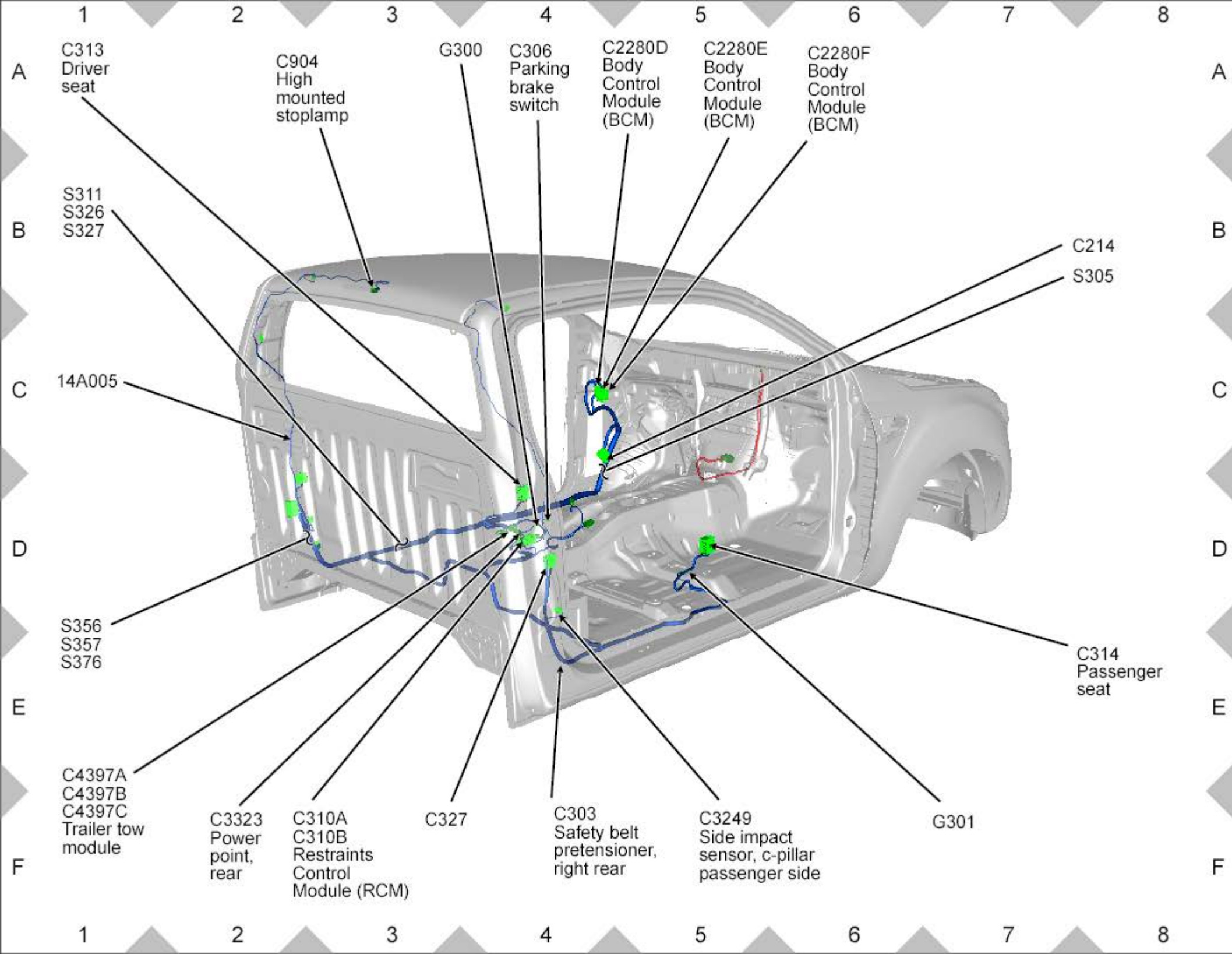
39 C1035B
CBB23
BN-YE

S202
CBB23
BN-YE
51 C155
CBB23
BN-YE
4 C2395



HEAD UP
DISPLAY (HUD)
MODULE
151-17 151-19

1 C2395
GD215
BK-GY
S246
GD215
BK-GY
G208
10-11

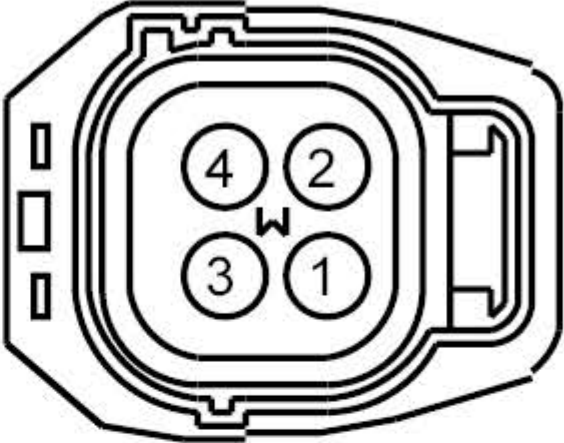


Inline C110	Description	Color	Base Part #	Service Pigtail
	INLINE			Not Available

MALE
Harness 70G239



FEMALE
Harness 14290

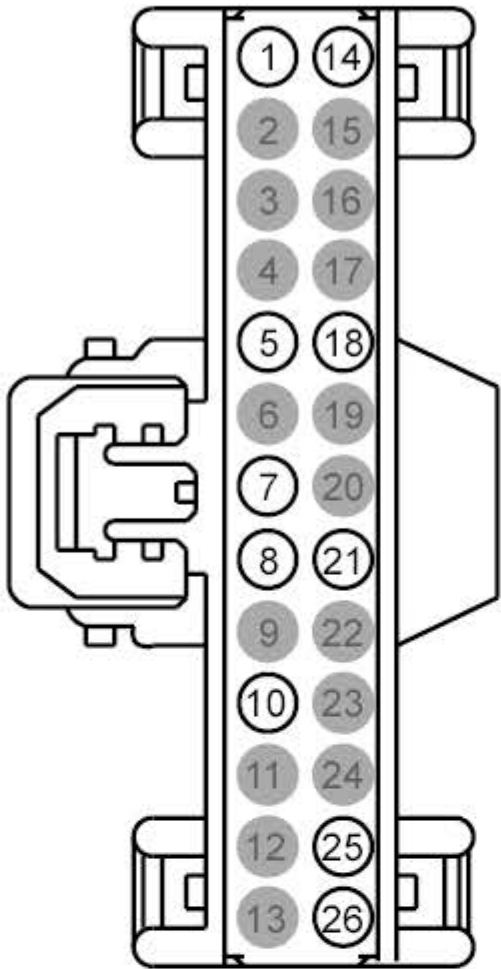


[Check for Terminal Part Numbers](#)

Pin	Circuit	Gauge	Qualifier
1	CBK03 (GY)	20	
2	CE151 (BN-VT)	20	
3	CE513 (VT-GN)	20	
4	GD122 (BK)	20	

Pin	Circuit	Gauge	Qualifier
1	CBK03 (GY)	20	
2	CE151 (BN-VT)	20	
3	CE513 (VT-GN)	20	
4	GD122 (BK)	20	

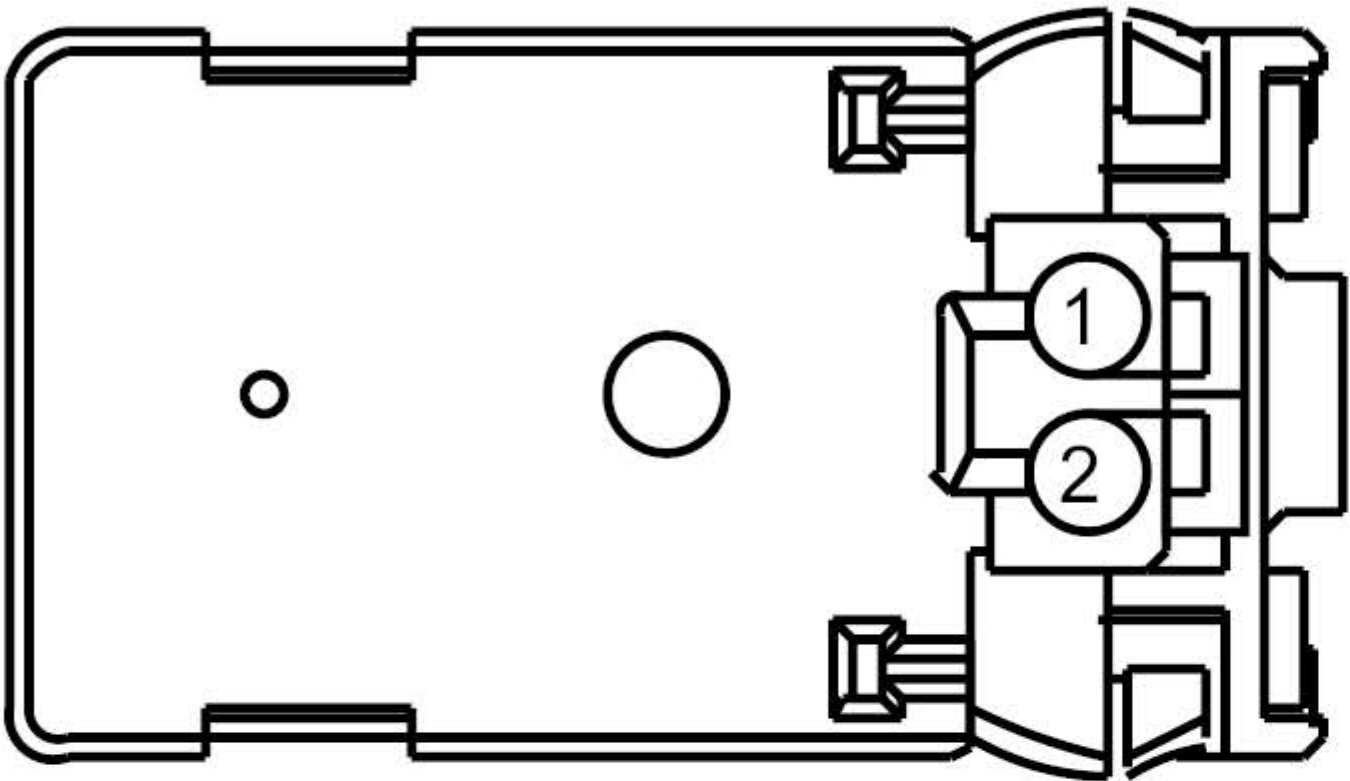
Connector: C220	Description INSTRUMENT PANEL CLUSTER (IPC) MODULE	Color	Harness 14401	Base Part # part# N/A	Service Pigtail Not Available
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[Check for Terminal Part Numbers](#)

Pin	Circuit	Gauge	Circuit Function	Qualifier
1	RMC32 (GN-BU)	22	CTRL MOD. - SENSOR FUEL LEVEL	
2	*	*	Not Used	
3	*	*	Not Used	
4	*	*	Not Used	
5	GD215 (BK-GY)	22	GROUND - INSTRUMENT PANEL STRUCTURE # 2ND POINT	
6	*	*	Not Used	
7	CDC31 (GN-OG)	22	SWITCH - IGNITION # PARK	
8	CMC20 (VT)	22	SWITCH - LOW LEVEL WASHER FLUID	
9	*	*	Not Used	
10	CET59 (GY-VT)	22	SWITCH - HILL DESCENT CONTROL	
11	*	*	Not Used	
12	*	*	Not Used	
13	*	*	Not Used	
14	VMC11 (YE-VT)	22	SENSOR - FUEL LEVEL (FLI)	
15	*	*	Not Used	
16	*	*	Not Used	
17	*	*	Not Used	
18	CET47 (BU)	22	SWITCH - REVERSE (RS)	
19	*	*	Not Used	
20	*	*	Not Used	
21	SBP13 (GY-RD)	20	FUSE - 13 OR CIRCUIT BREAKER	
22	*	*	Not Used	
23	*	*	Not Used	
24	*	*	Not Used	
25	VDB29 (GN-BU)	22	CONNECTOR - DIAGNOSTIC # CAN BUS HIGH SPEED 3 (LOWER) HIGH	
26	VDB30 (WH-GN)	22	CONNECTOR - DIAGNOSTIC # CAN BUS HIGH SPEED 3 (LOWER) LOW	

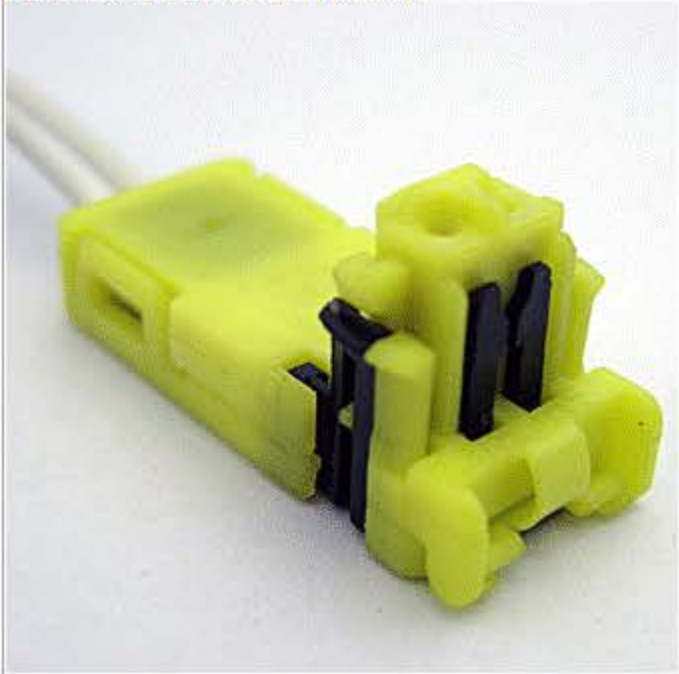
[Check for Terminal Part Numbers](#)



Pin	Circuit	Gauge	Circuit Function	Qualifier
1	CR122 (WH-OG)	20	CTRL MOD. - SEAT BELT PRETENSIONER FRONT PASSENGER OUTBOARD +	
1	CR122 (BK)	20	CTRL MOD. - SEAT BELT PRETENSIONER FRONT PASSENGER OUTBOARD +	With thatcham alarm
2	RR122 (BN)	20	CTRL MOD. - SEAT BELT PRETENSIONER FRONT PASSENGER OUTBOARD -	
2	RR122 (BK)	20	CTRL MOD. - SEAT BELT PRETENSIONER FRONT PASSENGER OUTBOARD -	With thatcham alarm

Available Pigtail Kits

Pigtail Kit Part Number **WPT-913**



Service Part Number: **8U2Z-14S411-KA**
Gauge:**20**
Pin material:**Gold**
Cavities:**2**

Vehicle Uses

- Squib - Airbag (Passenger)

Inline C422	Description INLINE	Color	Base Part #	Service Pigtail Not Available
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MALE
Harness PIA

FEMALE
Harness 14A333

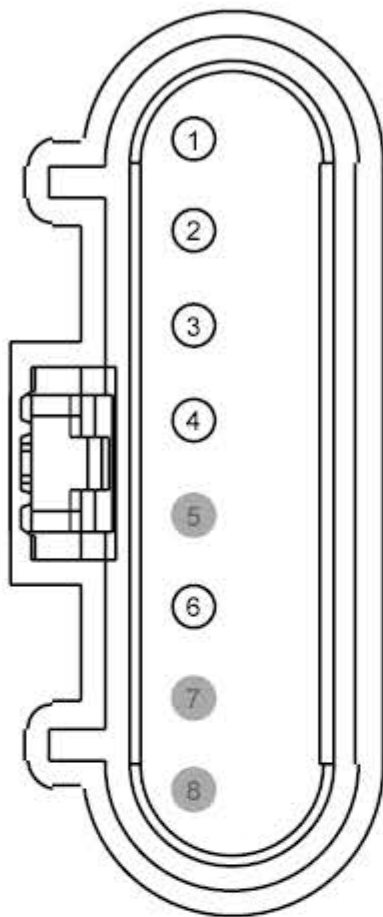
[Check for Terminal Part Numbers](#)

Pin	Circuit	Gauge	Qualifier
1	GD476 (BK-WH)	16	
2	SBB17 (RD)	16	

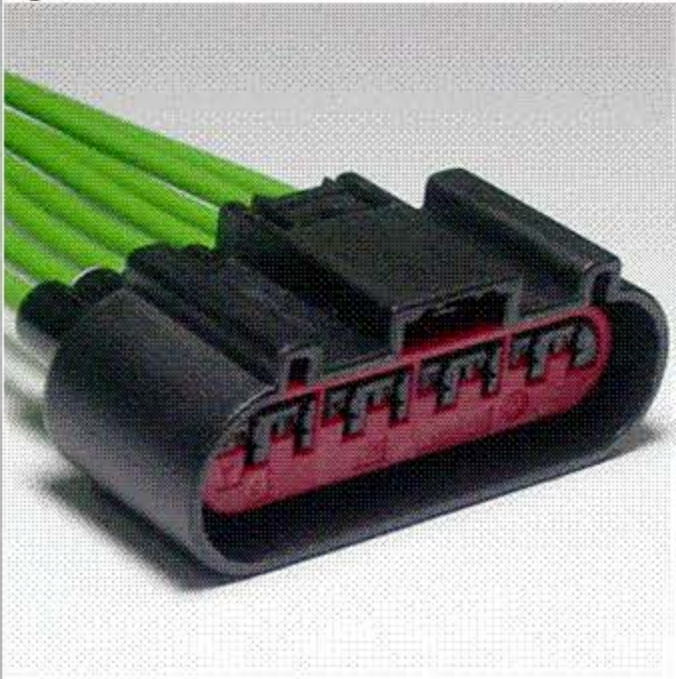
Pin	Circuit	Gauge	Qualifier
1	GD476 (BK-WH)	14	
2	SBB17 (RD)	14	

Connector: C805	Description	Color	Harness	Base Part #	Service Pigtail
	REAR DOOR LATCH RELEASE MOTOR RH		14240	part# N/A	See Below

[Check for Terminal Part Numbers](#)

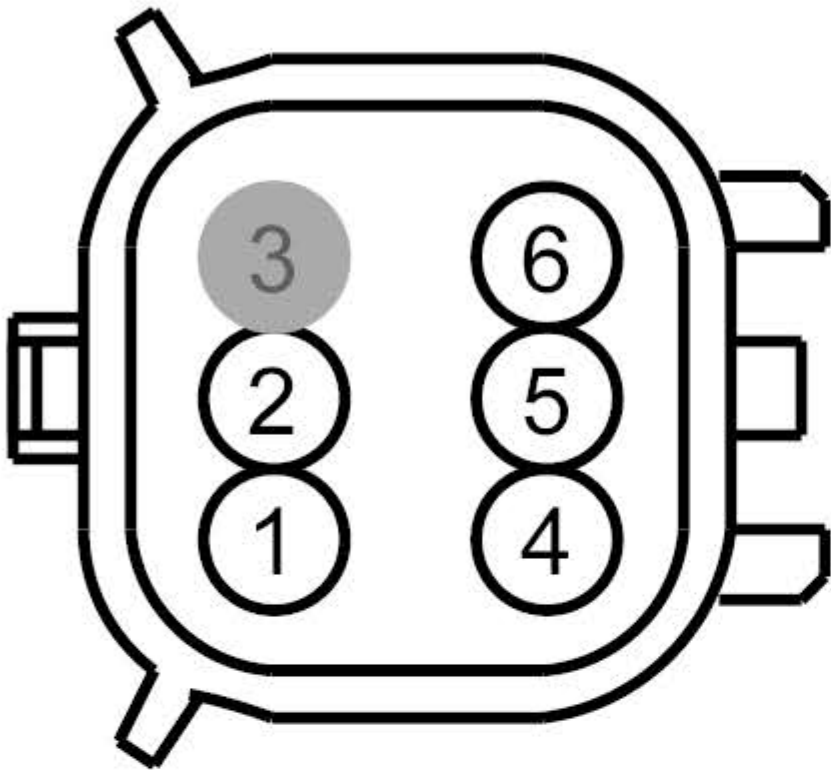


Pin	Circuit	Gauge	Circuit Function	Qualifier
1	CPL13 (BN-GN)	16	CTRL MOD. - DOOR LOCK # ALL UNLOCK	
1	CPL13 (BK)	16	CTRL MOD. - DOOR LOCK # ALL UNLOCK	With thatcham alarm
2	CPL11 (GY-BN)	16	CTRL MOD. - DOOR LOCK # ALL LOCK	
2	CPL11 (BK)	16	CTRL MOD. - DOOR LOCK # ALL LOCK	With thatcham alarm
3	CPL67 (GY-OG)	16	CTRL MOD. - DOOR LOCK # REAR DRIVER SIDE CHILD LOCK	
3	CPL67 (BK)	16	CTRL MOD. - DOOR LOCK # REAR DRIVER SIDE CHILD LOCK	With thatcham alarm
4	GD343 (BK-VT)	20	GROUND - PILLAR B LEFT	
4	GD343 (BK)	20	GROUND - PILLAR B LEFT	With thatcham alarm
5	*	*	Not Used	
6	CPL39 (YE)	20	SWITCH - LATCH REAR PASSENGER SIDE OR RIGHT REAR # AJAR (INCL.SLIDING DOOR)	
6	CPL39 (BK)	20	SWITCH - LATCH REAR PASSENGER SIDE OR RIGHT REAR # AJAR (INCL.SLIDING DOOR)	With thatcham alarm
7	*	*	Not Used	
8	*	*	Not Used	

Available Pigtail Kits	
Pigtail Kit Part Number WPT-1366 	Service Part Number: 3U2Z-14S411-MBB Gauge:16 Pin material:Silver Cavities:8 Vehicle Uses • Actuator - Door Lock - LH - Front • Actuator - Door Lock - LH - Rear • Actuator - Door Lock - RH - Front • Actuator - Door Lock - RH - Rear • Module - Liftgate • Switch - Door Ajar / Interior Lamp • Switch - Door Lock (LH) • Switch - Door Lock (RH) • Switch - Sliding Door Contact

Connector: C1158	Description ELECTRONIC FAN CLUTCH	Color	Harness 12B637	Base Part # part# N/A	Service Pigtail See Below
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[Check for Terminal Part Numbers](#)



Pin	Circuit	Gauge	Circuit Function	Qualifier
1	CBK03 (GY)	18	FUSE - 3 OR CIRCUIT BREAKER (VPWR 3)	
2	RE405 (GN-WH)	18	CTRL MOD. - POWERTRAIN # SIGNAL RETURN ENGINE (E-SIGRTN) (SIGRTN-A)	
3	-	-	Not Used	
4	VEC10 (GY-YE)	18	SENSOR - FAN SPEED (FSS)	
5	RE407 (YE-VT)	18	CTRL MOD. - POWERTRAIN # SIGNAL RETURN COWL (C-SIGRTN) (SIGRTN-C)	
6	VE203 (VT)	18	CTRL MOD. - POWERTRAIN # FAN CONTROL VARIABLE (FC-V)	

Available Pigtail Kits	
Pigtail Kit Part Number WPT-1426 	Service Part Number: FU2Z-14S411-TA Gauge:16 Pin material:Silver Cavities:6 Vehicle Uses - Camera - Reverse Park Aid - Lamp - Park/Turn/Stop - Sensor - Coolant Temperature - Sensor - O2 (HEGO/ EGO)