International® eMV Series
Built 8/3/2021 To 12/31/2026
Interactive Schematics PDF

International Motors LLC*
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Body Standard J1939 (250Kbps)

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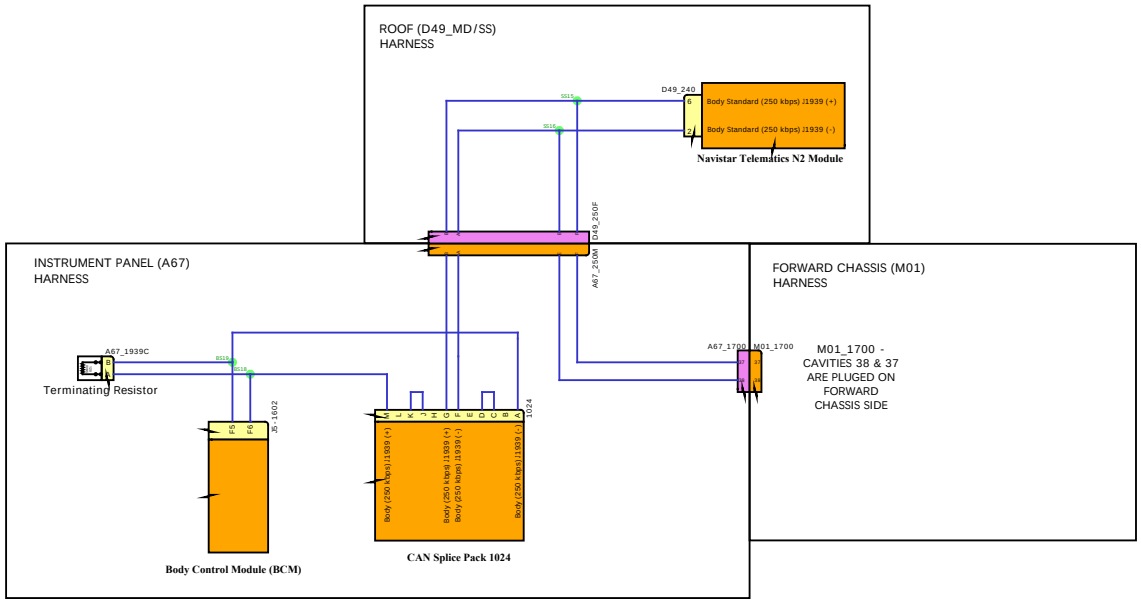
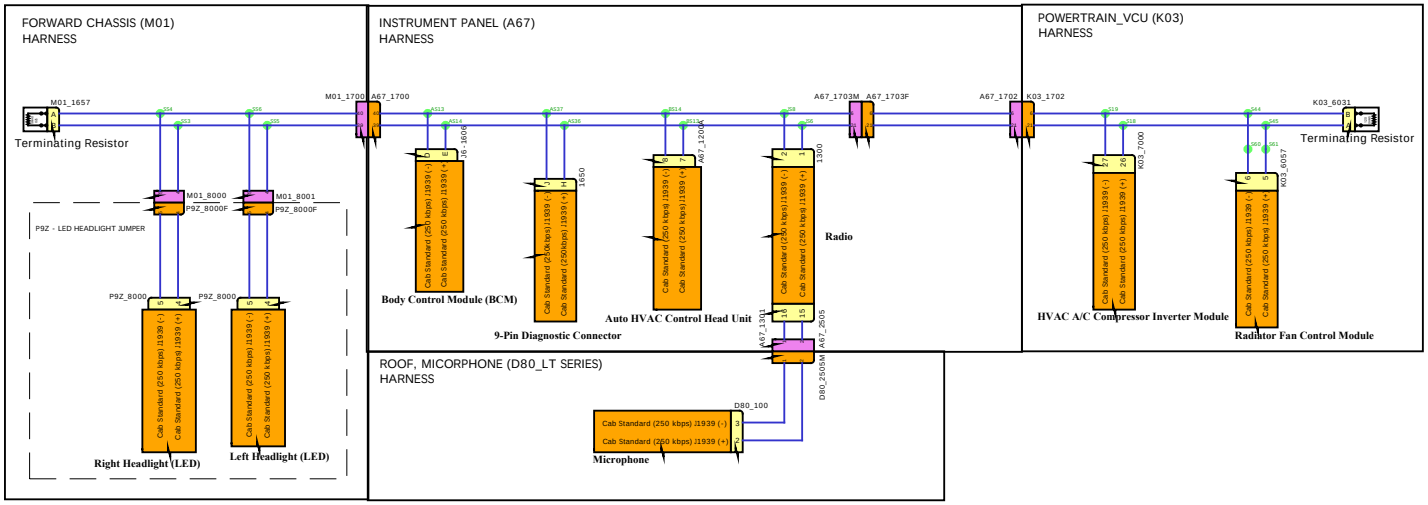


Cab Standard J1939 (250Kbps)



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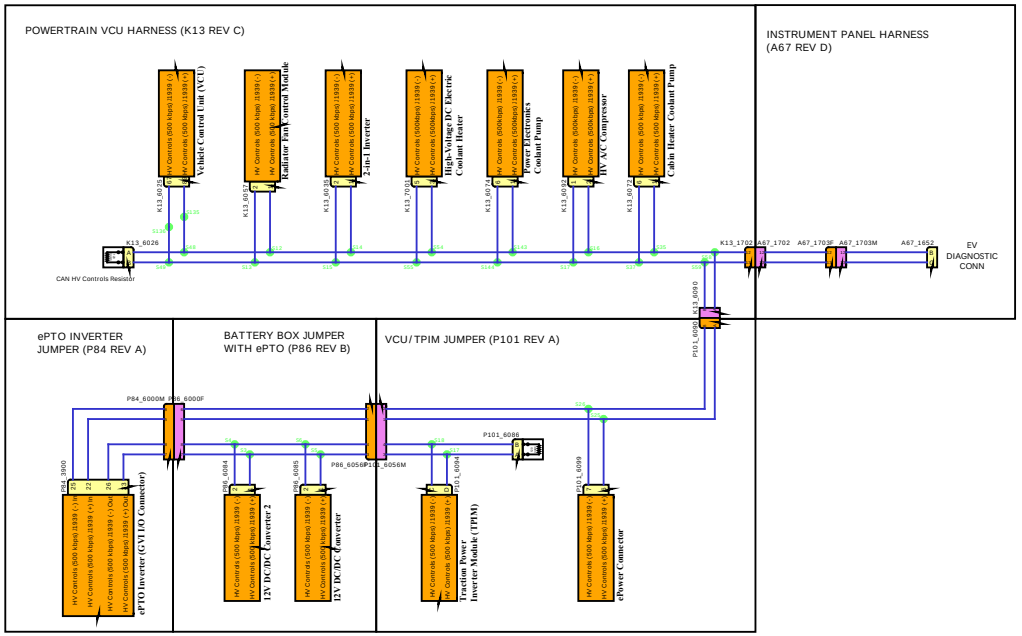

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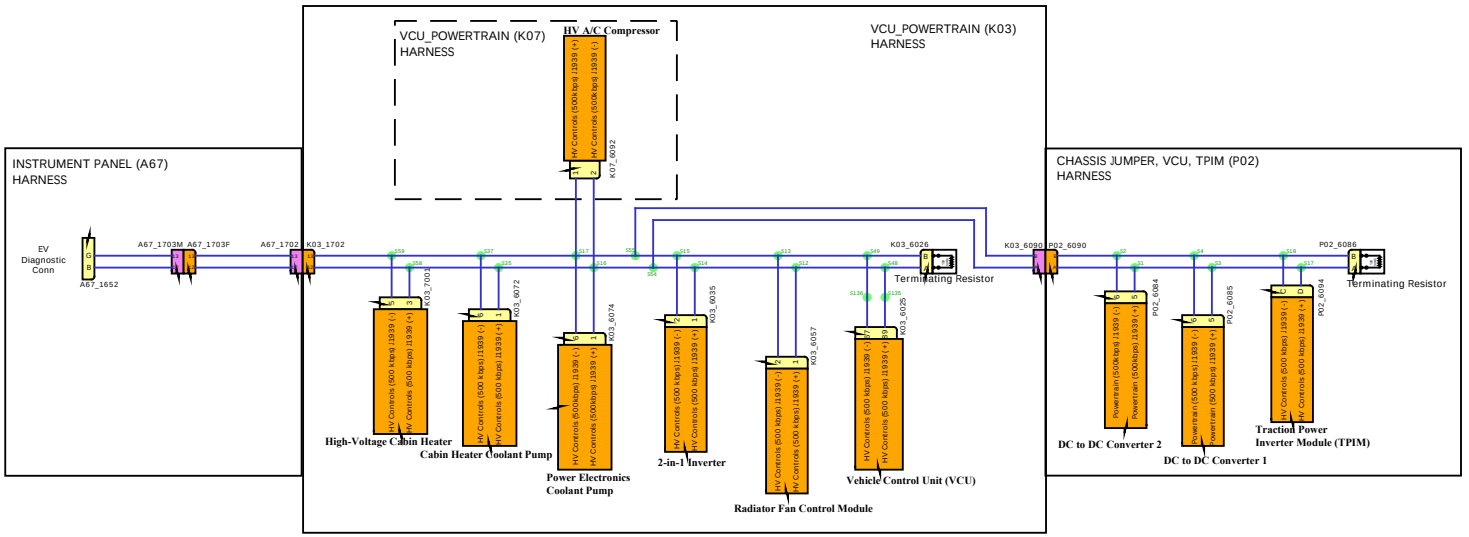

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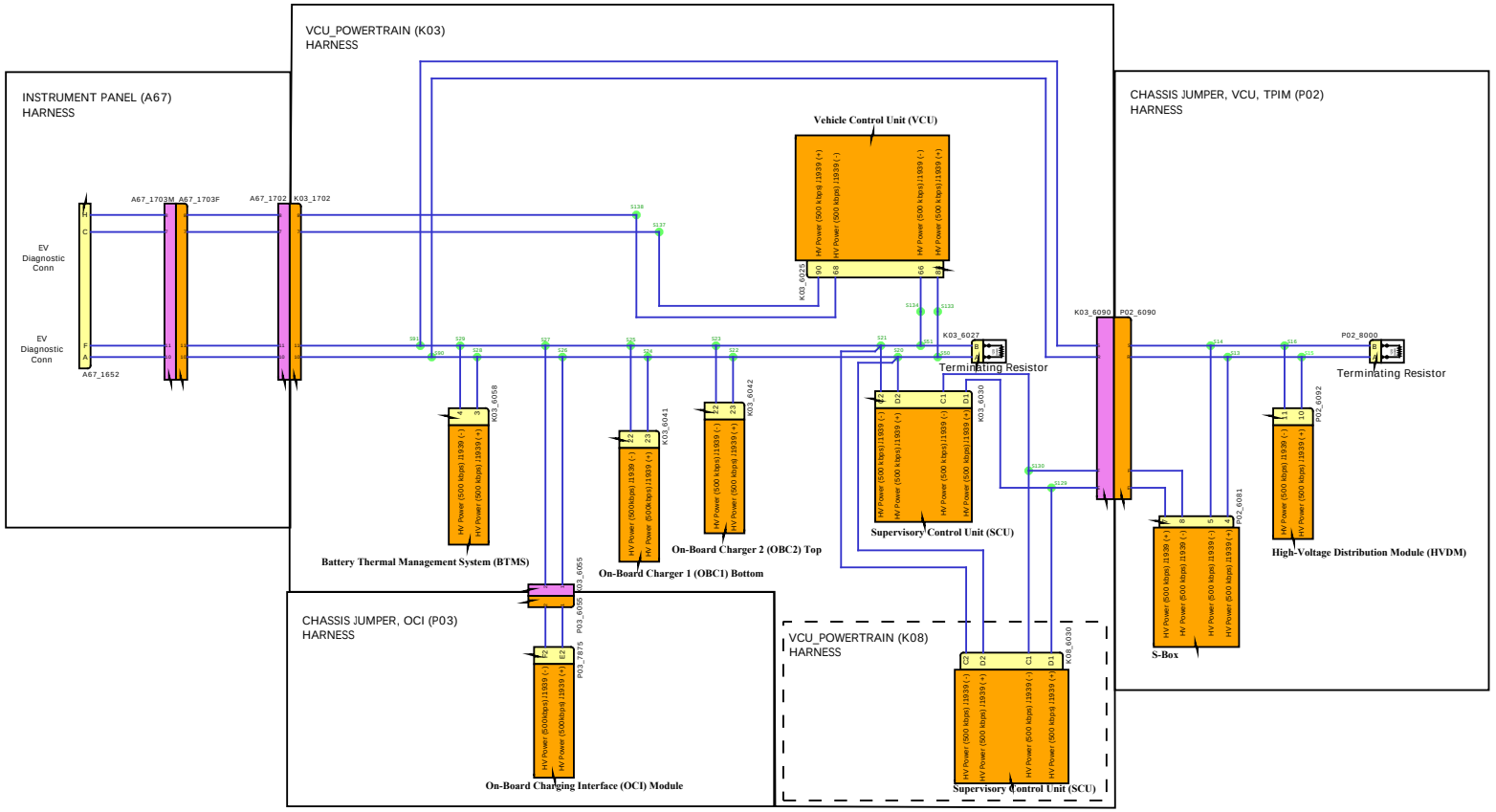
HV Power J1939 (500Kbps)



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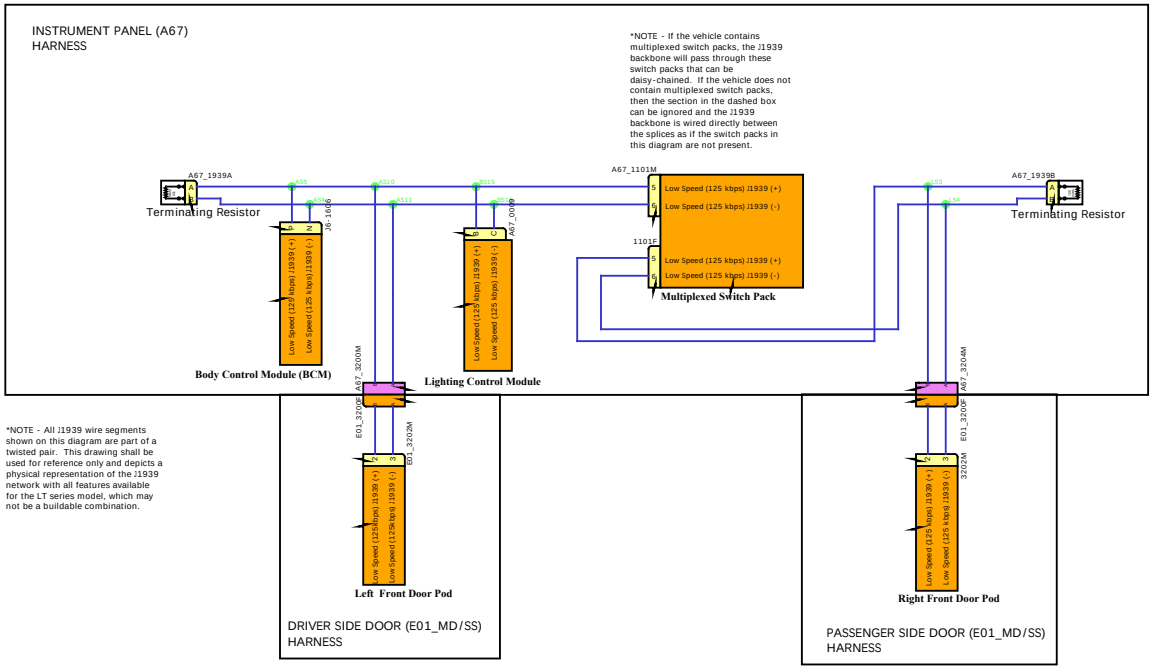

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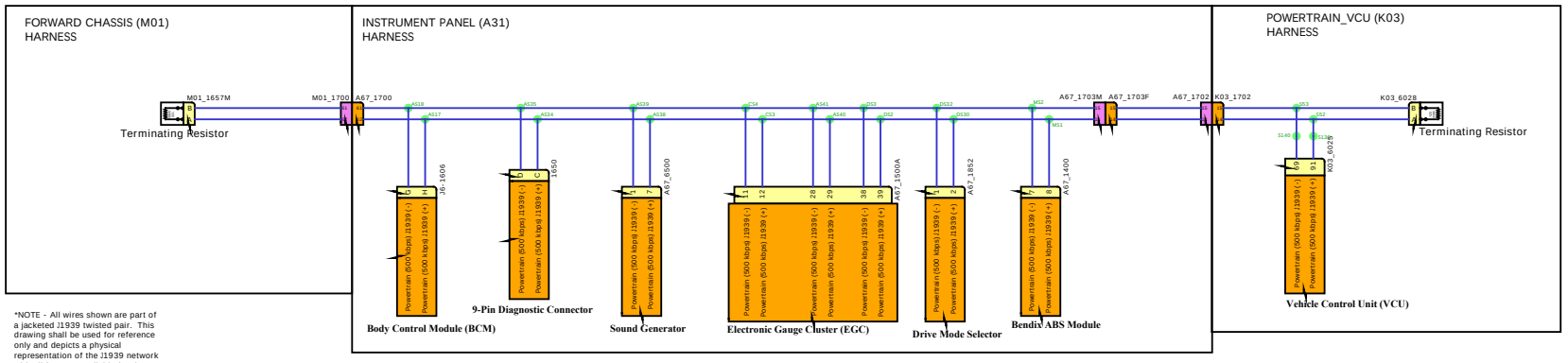

*NOTE - All wires shown are part of a jacketed J1939 twisted pair. This drawing shall be used for reference only and depicts a physical representation of the J1939 network with all features available for the MV series model, which may not be a buildable combination.

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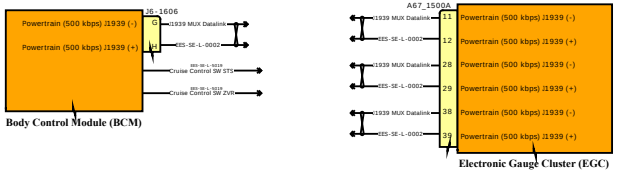

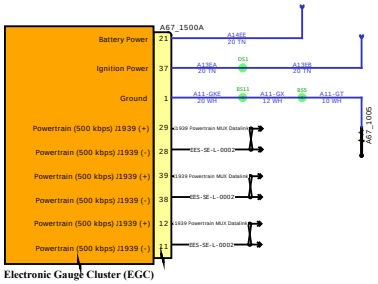

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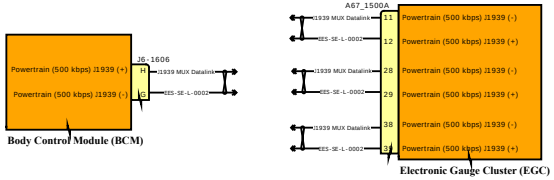

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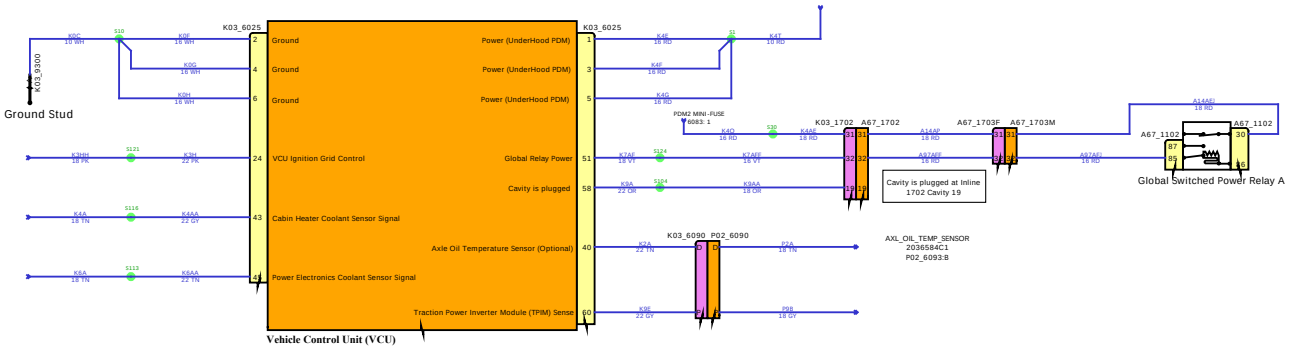

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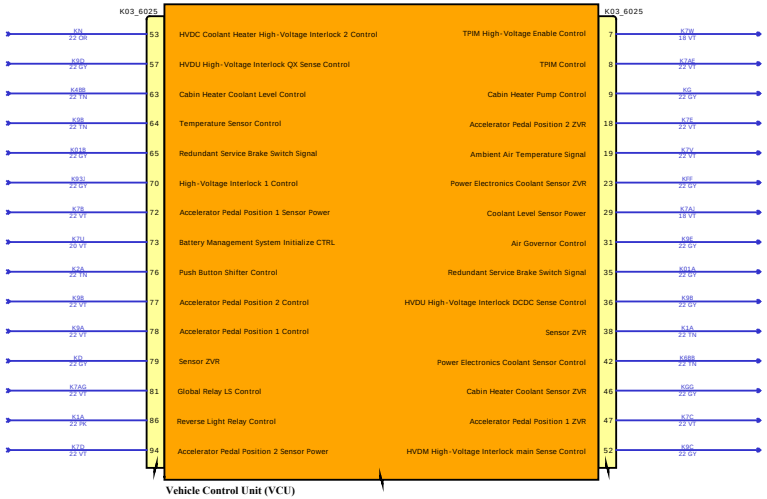

Vehicle Control Unit (VCU)

DESIGN DESCRIPTION

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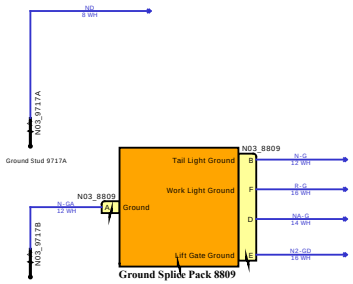

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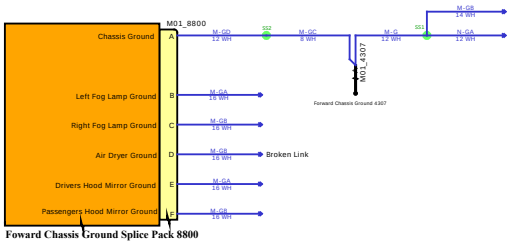

Foward Chassis Ground Splice Pack 8800

DESIGN DESCRIPTION

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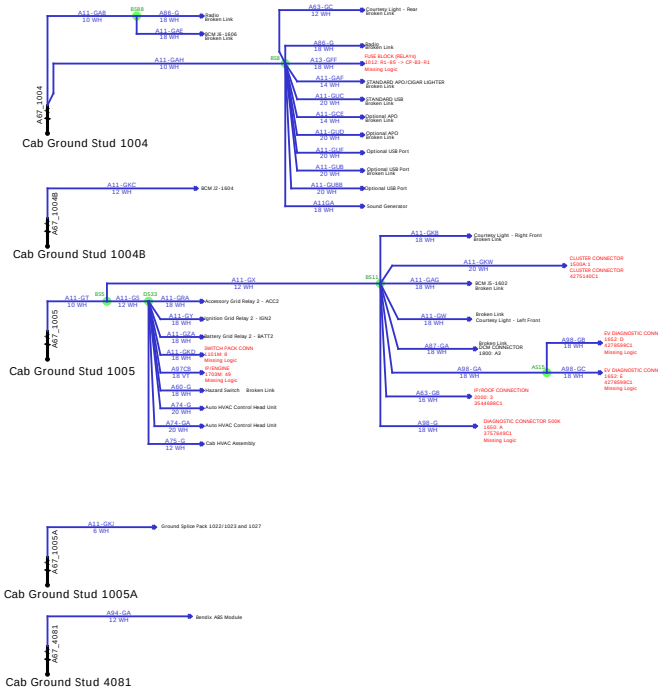

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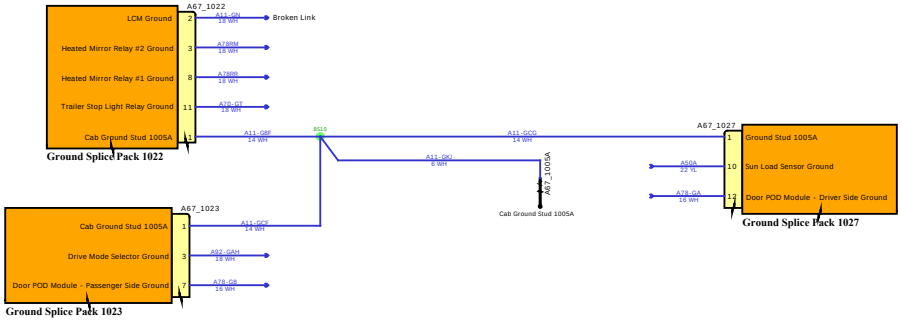

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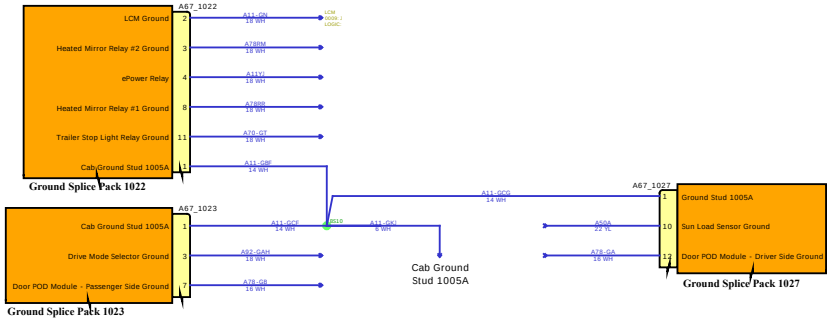

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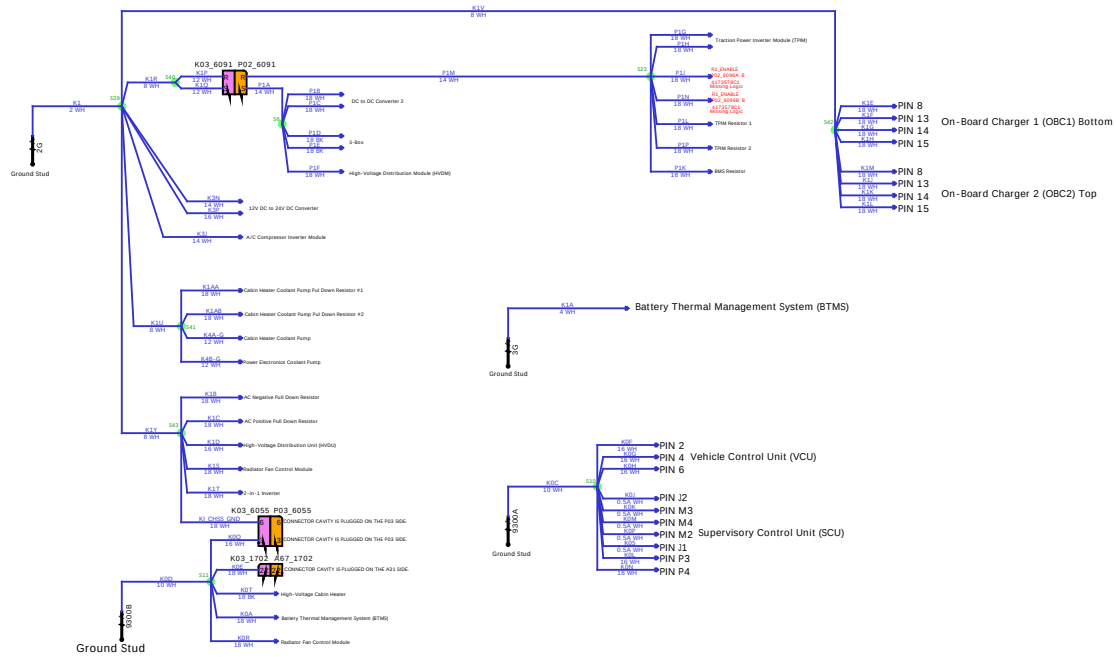

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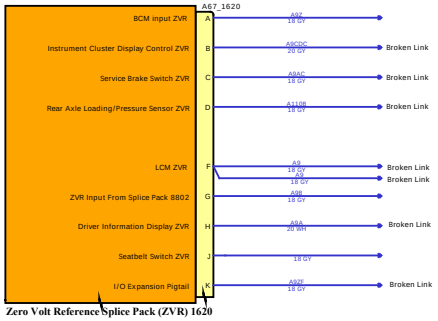

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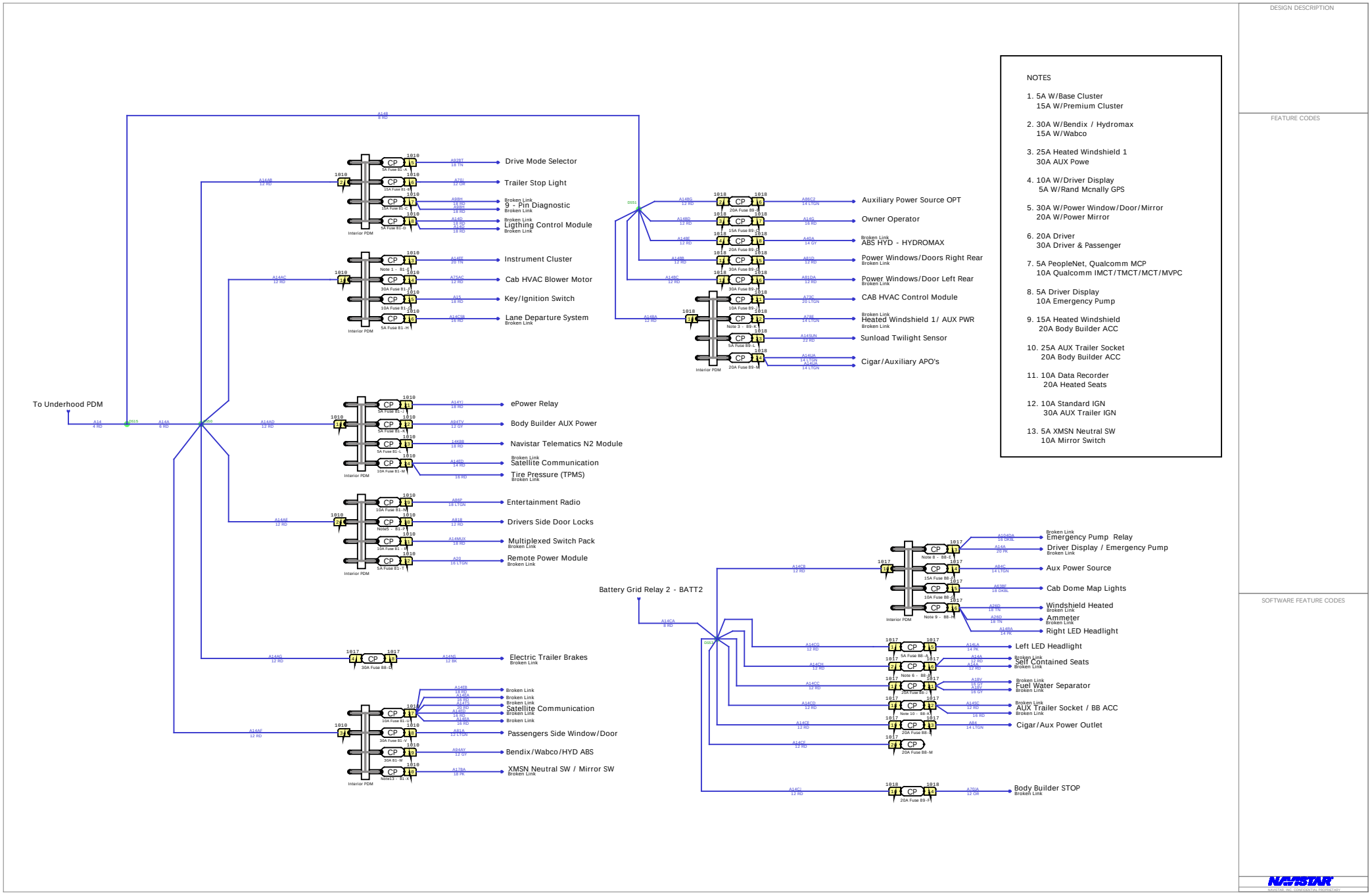
SOFTWARE FEATURE CODES

Diagram 1



NOTES

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    10A Mirror Switch

DESIGN DESCRIPTION

FEATURE CODES

SOFTWARE FEATURE CODES

DESIGN DESCRIPTION

FEATURE CODES

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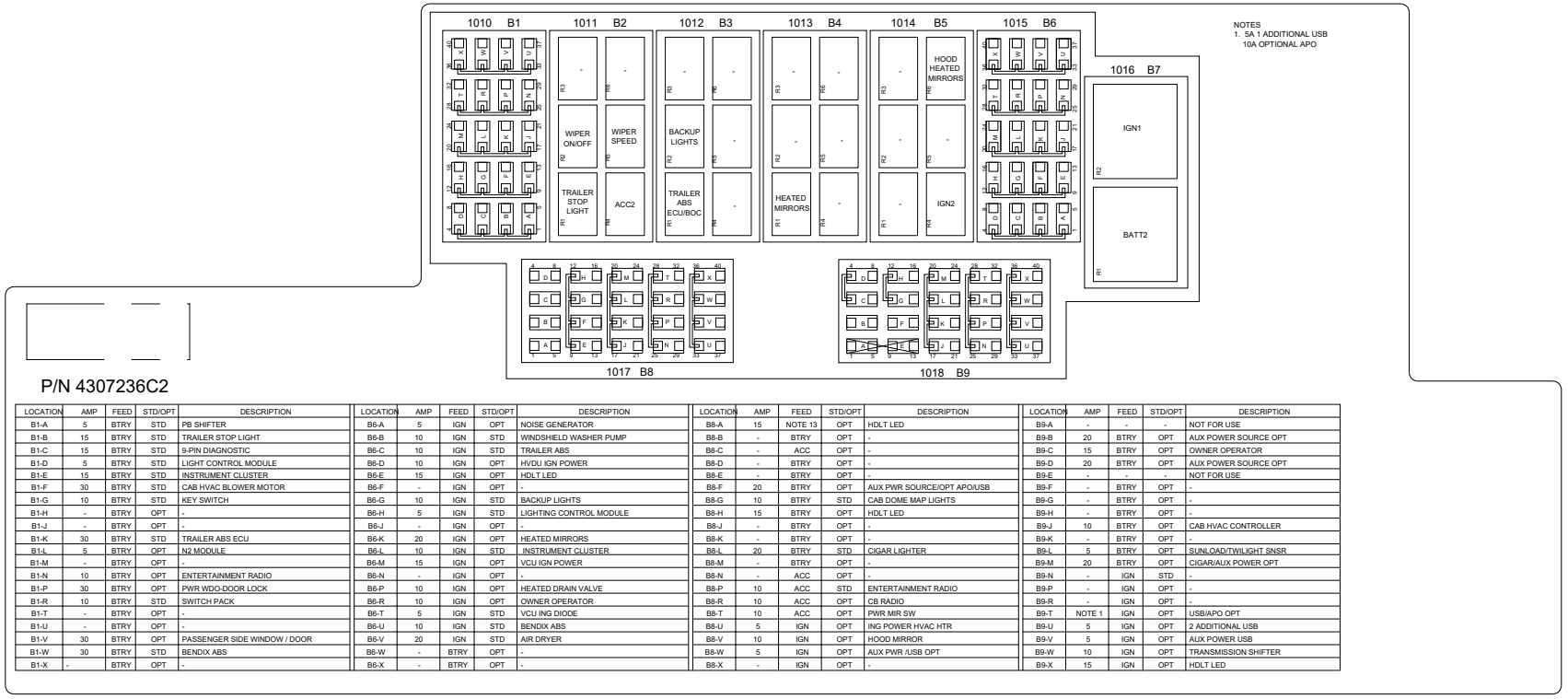


P/N 4307236C2

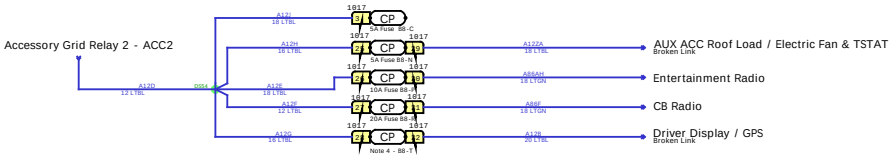
LOCATION	AMP	FEED	STD/OPT	DESCRIPTION
B1-A	5	BTRY	STD	PB SHIFTER
B1-B	15	BTRY	STD	TRAILER STOP LIGHT
B1-C	15	BTRY	STD	9-PIN DIAGNOSTIC
B1-D	5	BTRY	STD	LIGHT CONTROL MODULE
B1-E	15	BTRY	STD	INSTRUMENT CLUSTER
B1-F	30	BTRY	STD	CAB HVAC BLOWER MOTOR
B1-G	10	BTRY	STD	KEY SWITCH
B1-H	-	BTRY	OPT	-
B1-J	-	BTRY	OPT	-
B1-K	30	BTRY	STD	TRAILER ABS ECU
B1-L	5	BTRY	OPT	N2 MODULE
B1-M	-	BTRY	OPT	-
B1-N	10	BTRY	OPT	ENTERTAINMENT RADIO
B1-P	30	BTRY	OPT	PWR WDO-DOOR LOCK
B1-R	10	BTRY	STD	SWITCH PACK
B1-T	-	BTRY	OPT	-
B1-U	-	BTRY	OPT	-
B1-V	30	BTRY	OPT	PASSENGER SIDE WINDOW / DOOR
B1-W	30	BTRY	STD	BENDIX ABS
B1-X	-	BTRY	OPT	-

LOCATION	AMP	FEED	STD/OPT	DESCRIPTION
B6-A	5	IGN	OPT	NOISE GENERATOR
B6-B	10	IGN	STD	WINDSHIELD WASHER PUMP
B6-C	10	IGN	STD	TRAILER ABS
B6-D	10	IGN	OPT	HVDU IGN POWER
B6-E	15	IGN	OPT	HDLT LED
B6-F	-	IGN	OPT	-
B6-G	10	IGN	STD	BACKUP LIGHTS
B6-H	5	IGN	STD	LIGHTING CONTROL MODULE
B6-J	-	IGN	OPT	-
B6-K	20	IGN	OPT	HEATED MIRRORS
B6-L	10	IGN	STD	INSTRUMENT CLUSTER
B6-M	15	IGN	OPT	VCU IGN POWER
B6-N	-	IGN	OPT	-
B6-P	10	IGN	OPT	HEATED DRAIN VALVE
B6-R	10	IGN	OPT	OWNER OPERATOR
B6-T	5	IGN	STD	VCU ING DIODE
B6-U	10	IGN	STD	BENDIX ABS
B6-V	20	IGN	STD	AIR DRYER
B6-W	-	BTRY	OPT	-
B6-X	-	BTRY	OPT	-

LOCATION	AMP	FEED	STD/OPT	DESCRIPTION
B8-A	15	NOTE 13	OPT	HDLT LED
B8-B	-	BTRY	OPT	-
B8-C	-	ACC	OPT	-
B8-D	-	BTRY	OPT	-
B8-E	-	BTRY	OPT	-
B8-F	20	BTRY	OPT	AUX PWR SOURCE/OPT APO/USB
B8-G	10	BTRY	STD	CAB DOME MAP LIGHTS
B8-H	15	BTRY	OPT	HDLT LED
B8-J	-	BTRY	OPT	-
B8-K	-	BTRY	OPT	-
B8-L	20	BTRY	STD	CIGAR LIGHTER
B8-M	-	BTRY	OPT	-
B8-N	-	ACC	OPT	-
B8-P	10	ACC	STD	ENTERTAINMENT RADIO
B8-R	10	ACC	OPT	CB RADIO
B8-T	10	ACC	OPT	PWR MIR SW
B8-U	5	IGN	OPT	ING POWER HVAC HTR
B8-V	10	IGN	OPT	HOOD MIRROR
B8-W	5	IGN	OPT	AUX PWR /USB OPT
B8-X	-	IGN	OPT	-

LOCATION	AMP	FEED	STD/OPT	DESCRIPTION
B9-A	-	-	-	NOT FOR USE
B9-B	20	BTRY	OPT	AUX POWER SOURCE OPT
B9-C	15	BTRY	OPT	OWNER OPERATOR
B9-D	20	BTRY	OPT	AUX POWER SOURCE OPT
B9-E	-	-	-	NOT FOR USE
B9-F	-	BTRY	OPT	-
B9-G	-	BTRY	OPT	-
B9-H	-	BTRY	OPT	-
B9-J	10	BTRY	OPT	CAB HVAC CONTROLLER
B9-K	-	BTRY	OPT	-
B9-L	5	BTRY	OPT	SUNLOAD/TWILIGHT SNSR
B9-M	20	BTRY	OPT	CIGAR/AUX POWER OPT
B9-N	-	IGN	STD	-
B9-P	-	IGN	OPT	-
B9-R	-	IGN	OPT	-
B9-T	NOTE 1	IGN	OPT	USB/APO OPT
B9-U	5	IGN	OPT	2 ADDITIONAL USB
B9-V	5	IGN	OPT	AUX POWER USB
B9-W	10	IGN	OPT	TRANSMISSION SHIFTER
B9-X	15	IGN	OPT	HDLT LED

NAVISTAR
NAVISTAR, INC. CONFIDENTIAL PROPRIETARY



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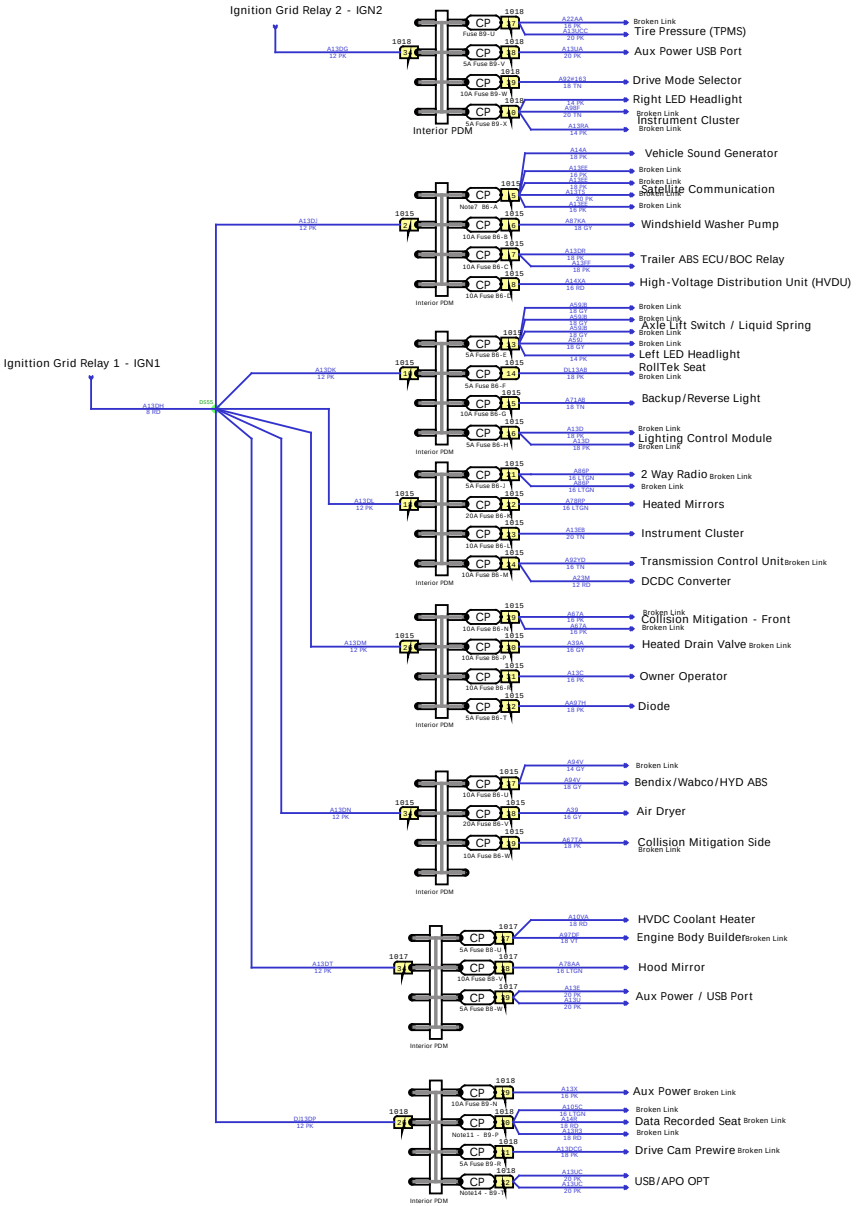

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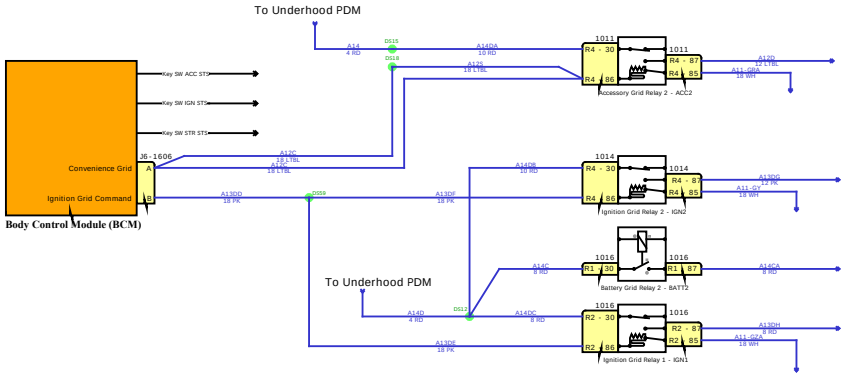

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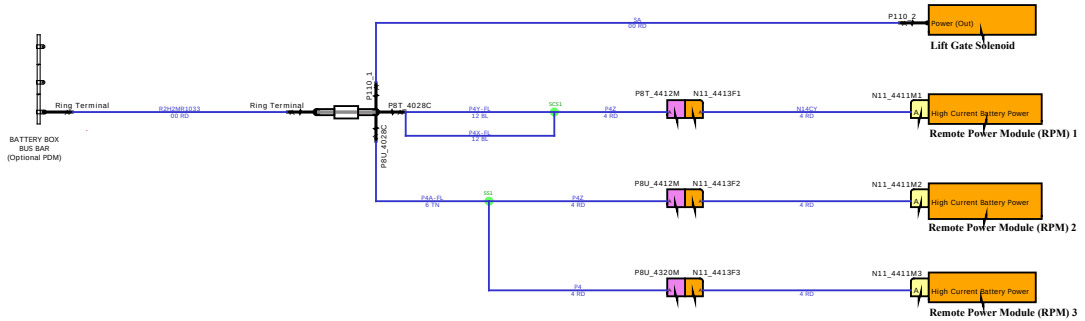

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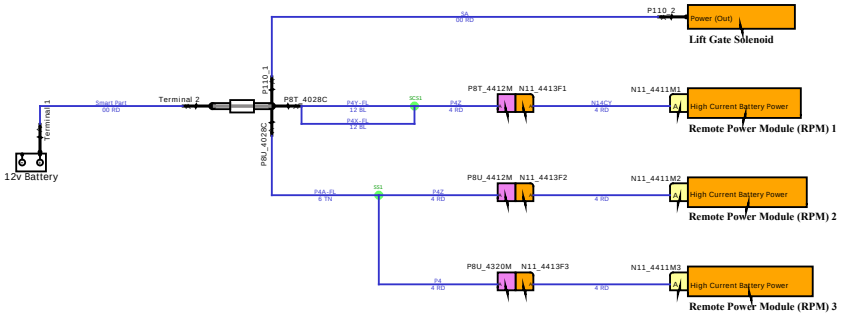
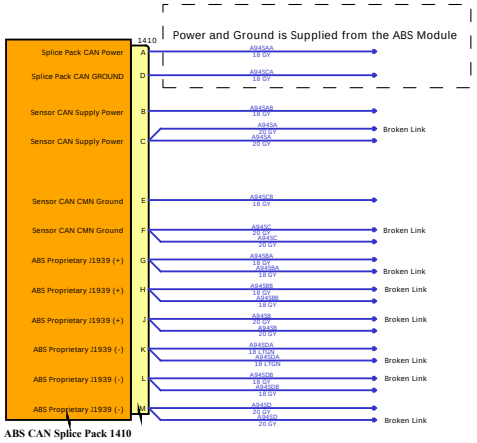

P110_2
Power (Out)
Lift Gate Solenoid
P8T_4412M
N11_4413F1
N11_4411M1
High Current Battery Power
Remote Power Module (RPM) 1
P8U_4412M
N11_4413F2
N11_4411M2
High Current Battery Power
Remote Power Module (RPM) 2
P8U_4320M
N11_4413F3
N11_4411M3
High Current Battery Power
Remote Power Module (RPM) 3
P8T_4028C
P8U_4028C
P110_1
Terminal 2
Terminal 1
12v Battery
DESIGN DESCRIPTION
FEATURE CODES
SOFTWARE FEATURE CODES



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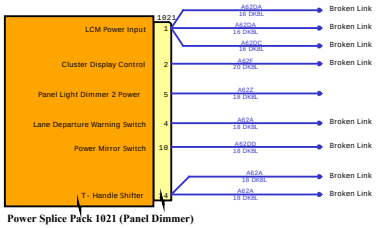

Power Splice Pack 1021 (Panel Dimmer)

DESIGN DESCRIPTION

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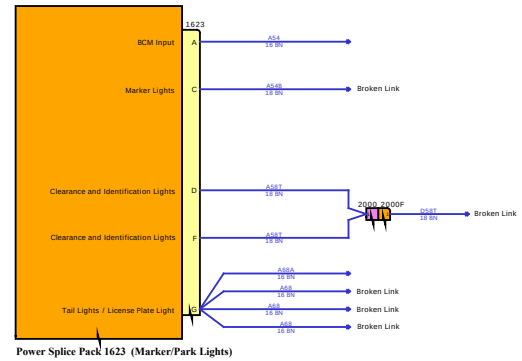
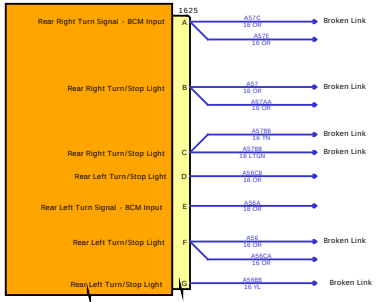
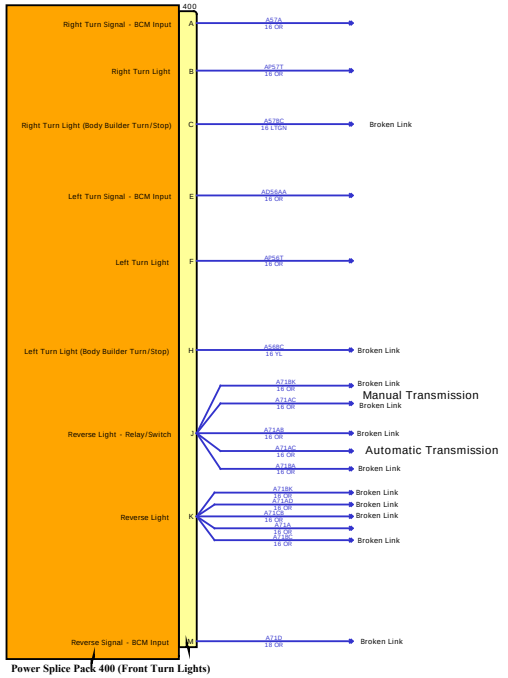


Power Splice Pack 1623 (Marker/Park Lights)

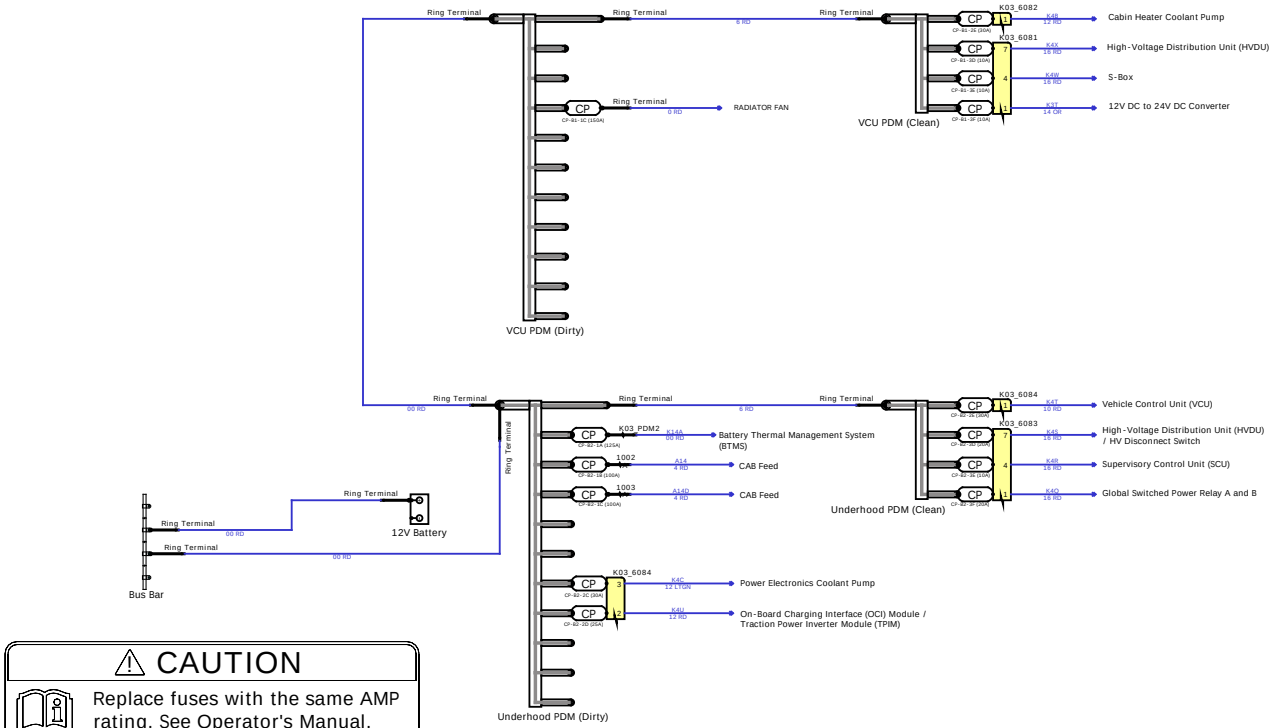


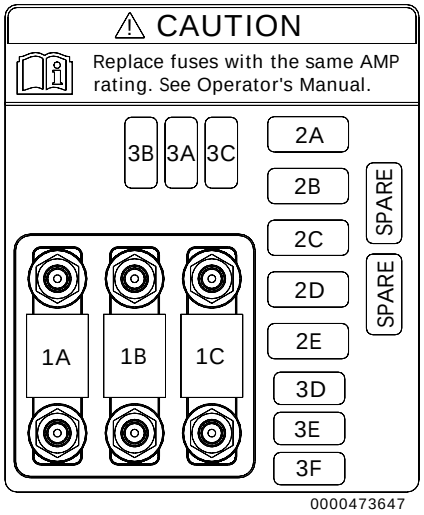
Power Splice Pack 1625 (Rear Turn & Stop Lights)



Power Splice Pack 400 (Front Turn Lights)

VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)





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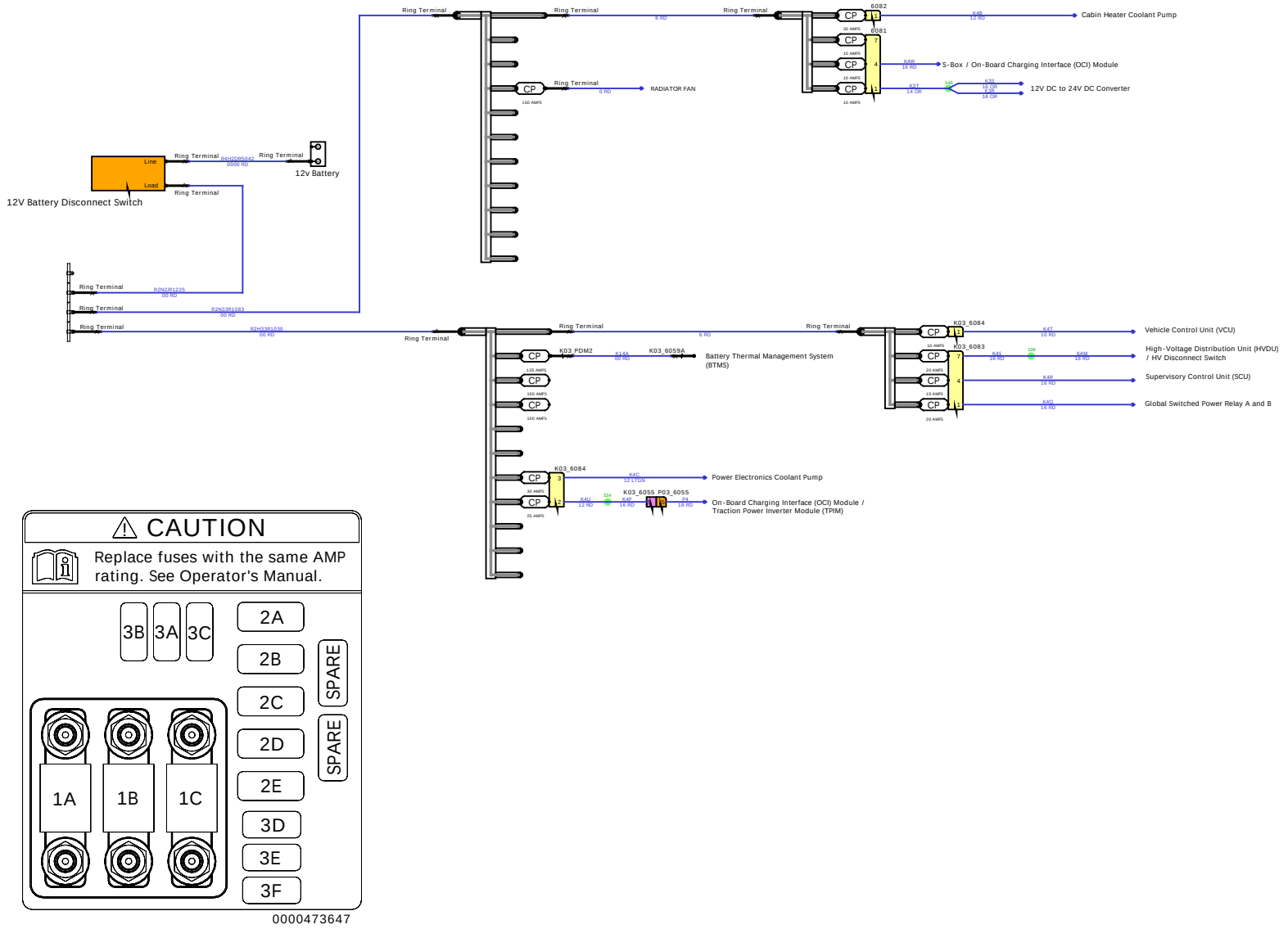

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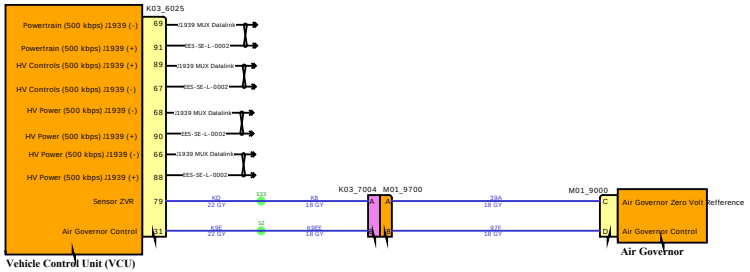

DESIGN DESCRIPTION

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Antenna, N2 Module Shark Fin 2

DESIGN DESCRIPTION

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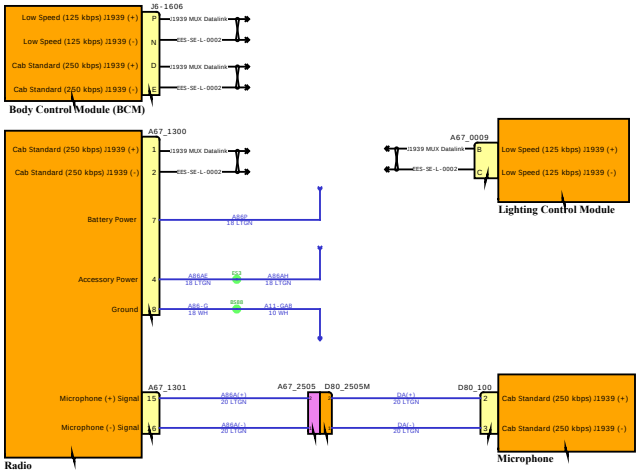

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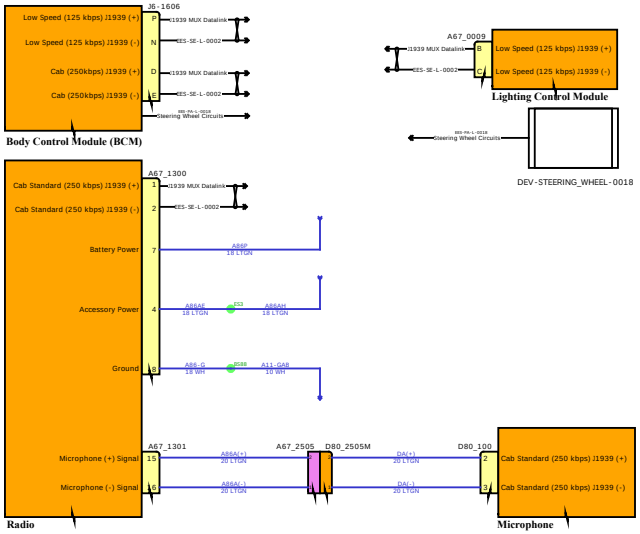

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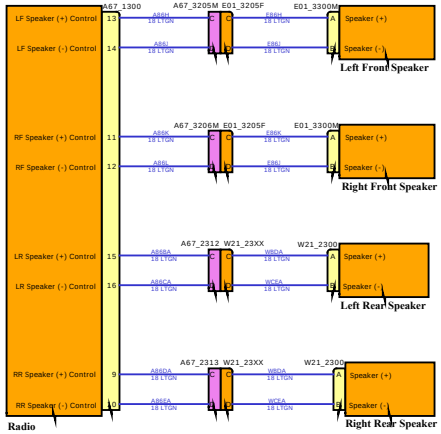

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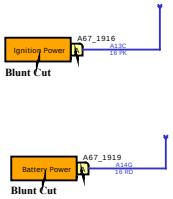

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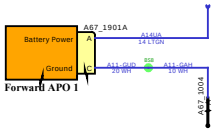

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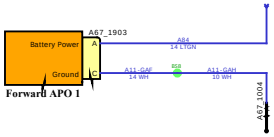

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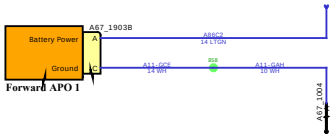

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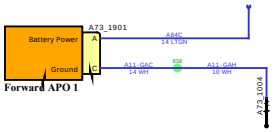

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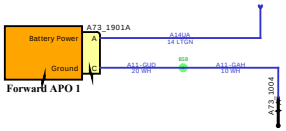

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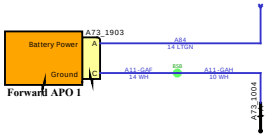

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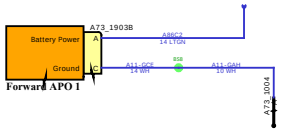

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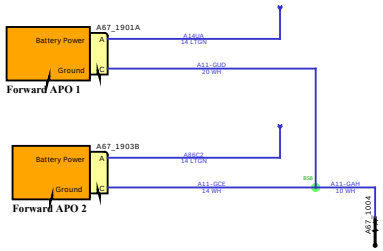

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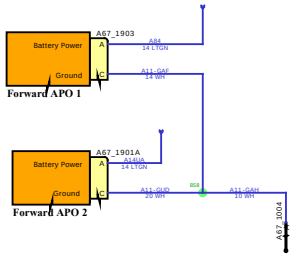

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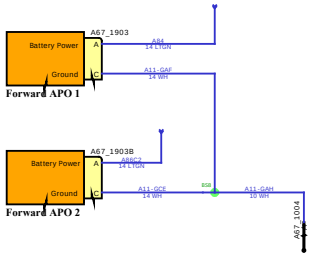

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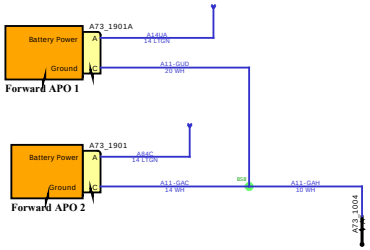
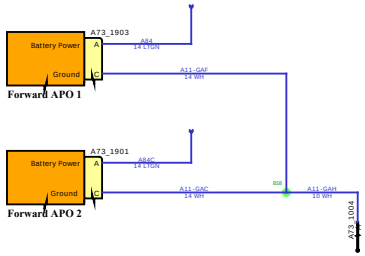


Diagram1 - 1903 & 1901



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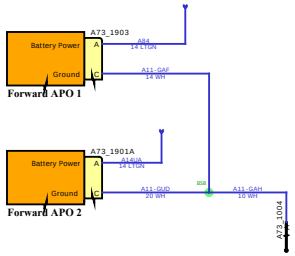

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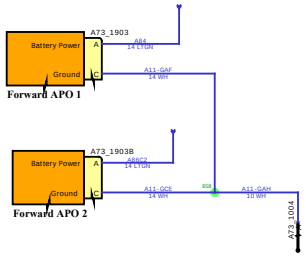

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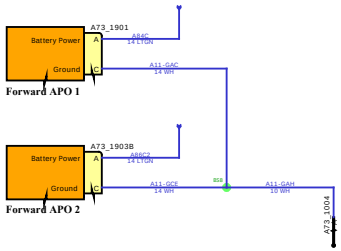
FEATURE CODES

SOFTWARE FEATURE CODES



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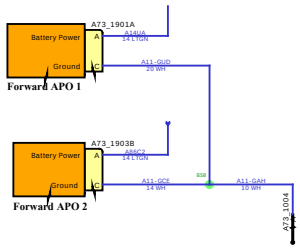
SOFTWARE FEATURE CODES



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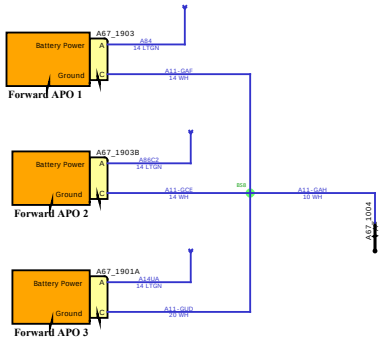

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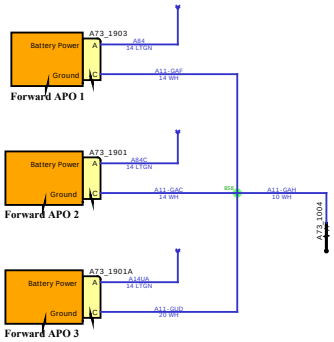

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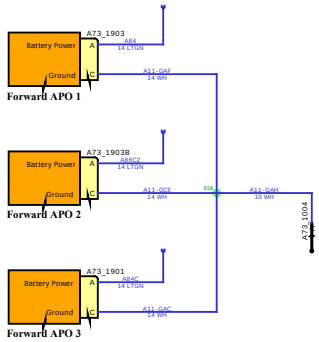

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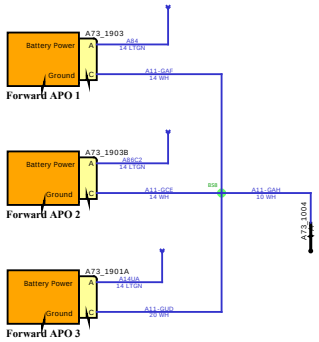

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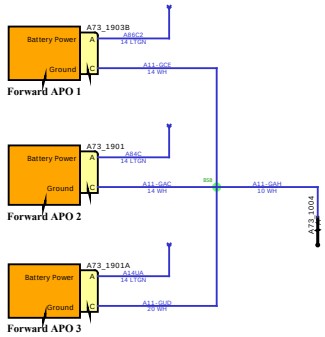

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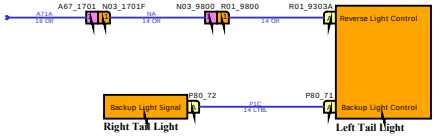

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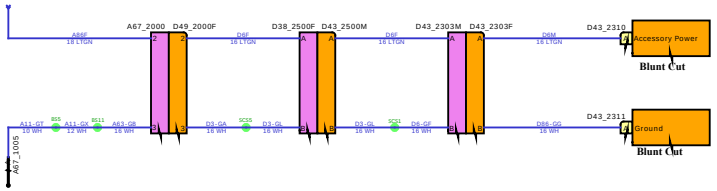
Diagram1



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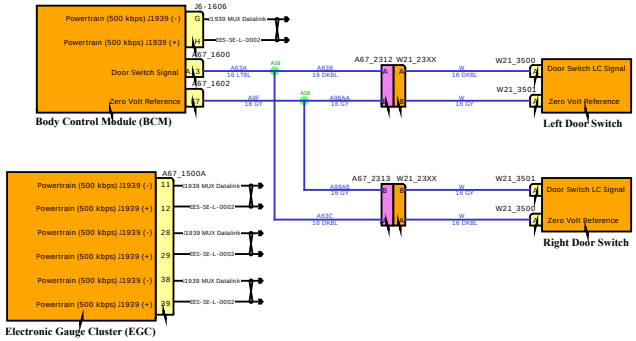

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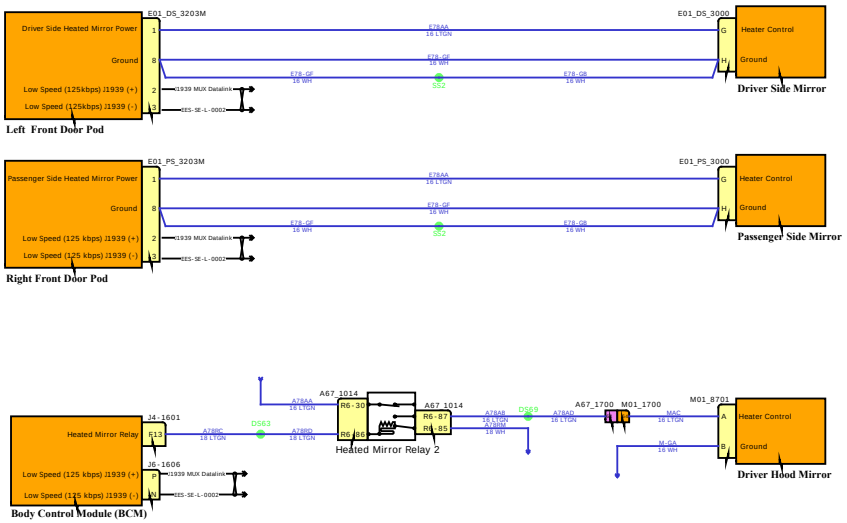

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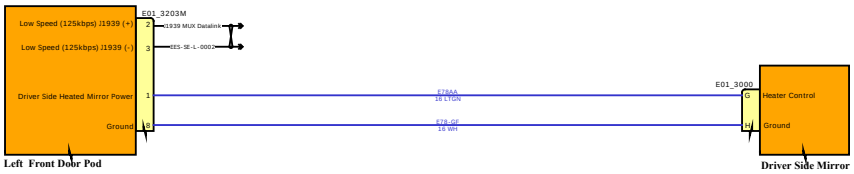

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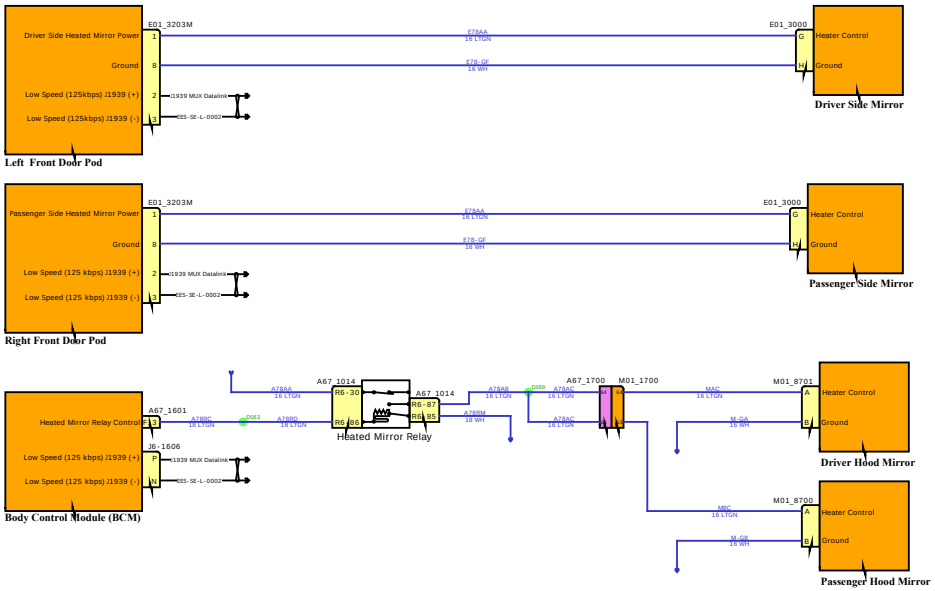

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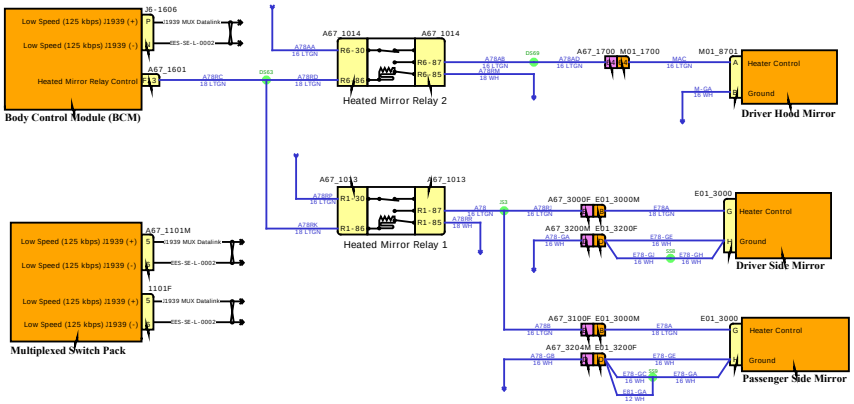

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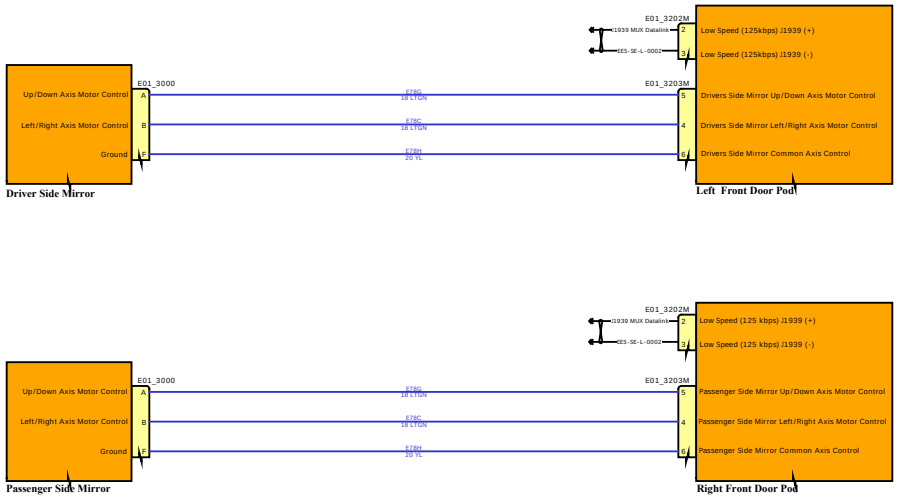

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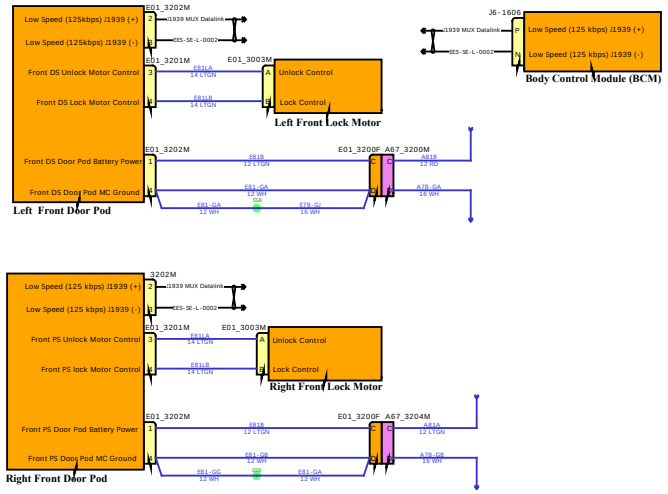

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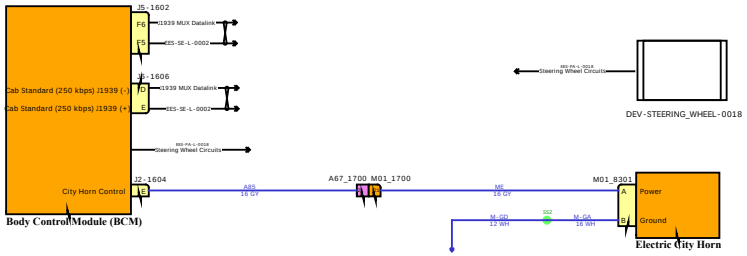

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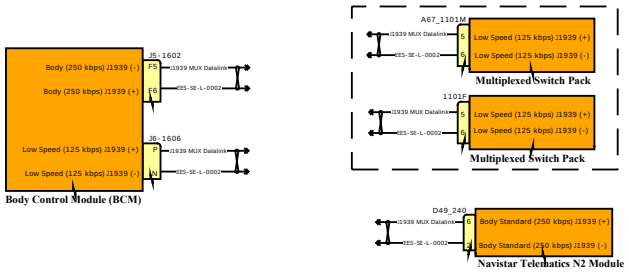

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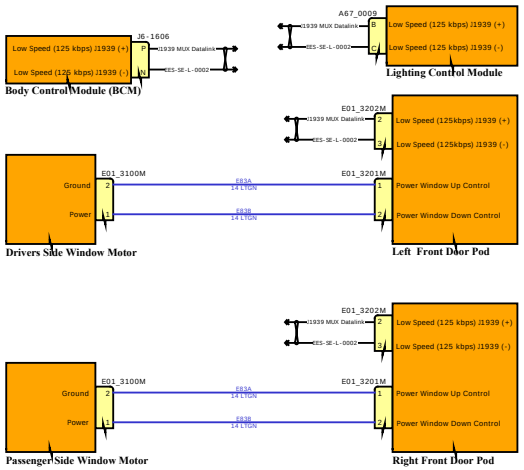

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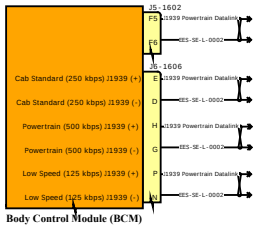

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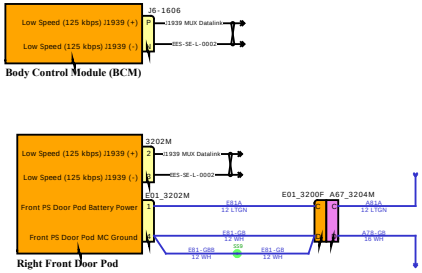

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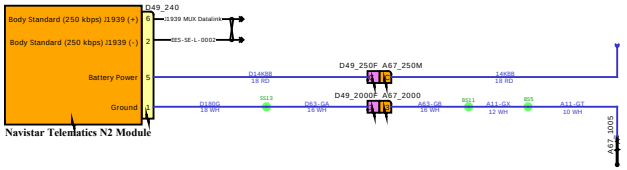

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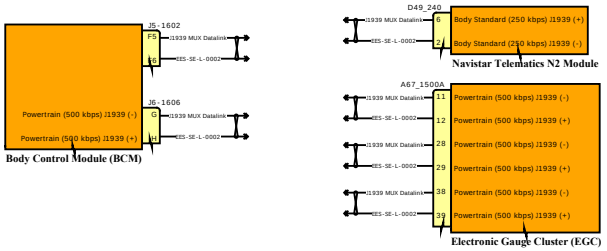

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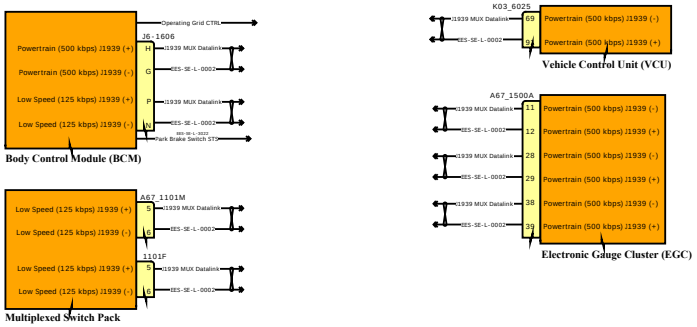

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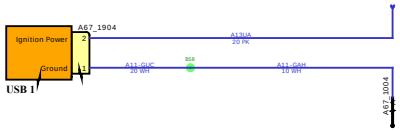

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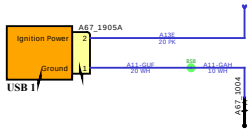

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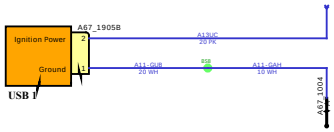

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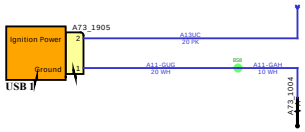

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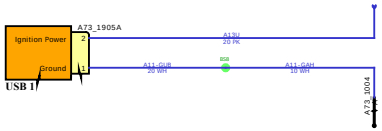

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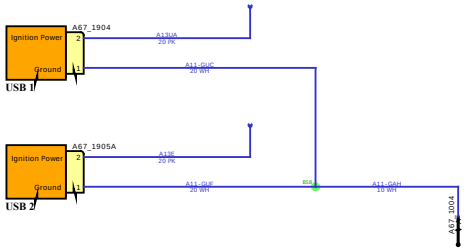

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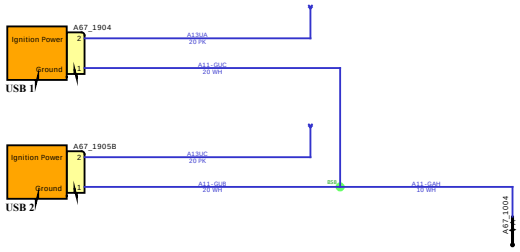

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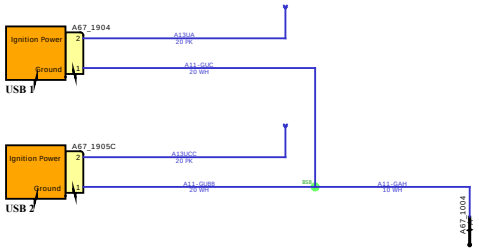

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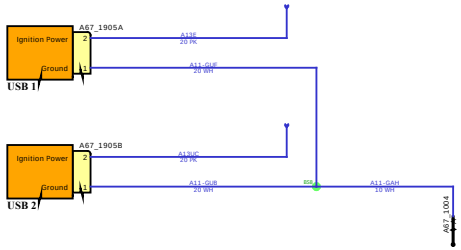

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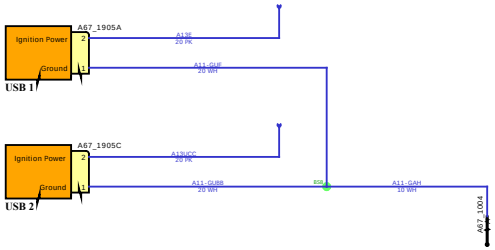

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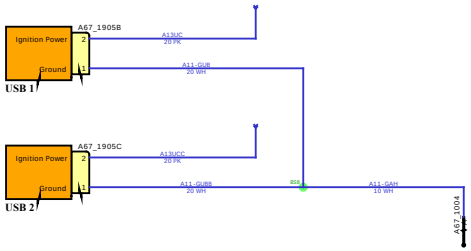

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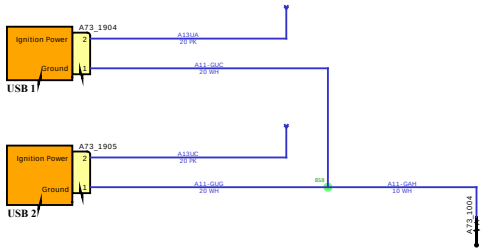

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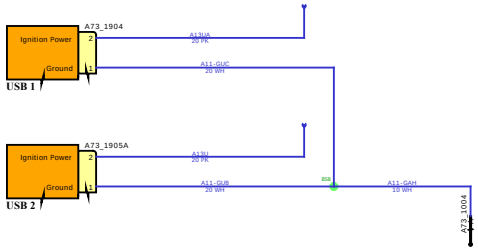

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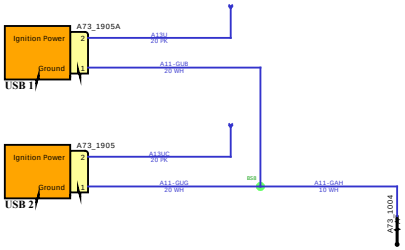

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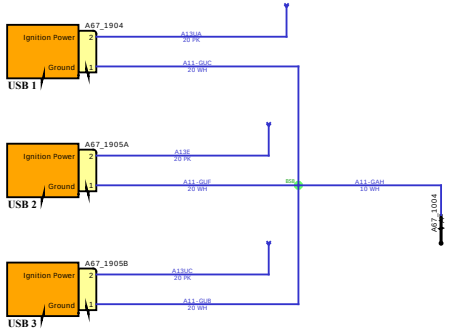

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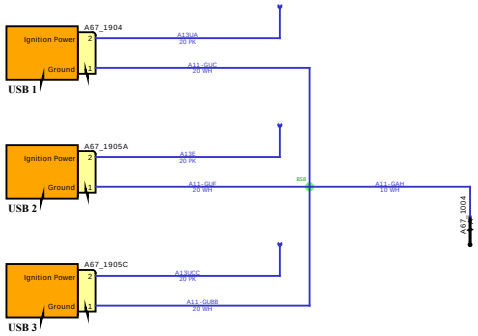

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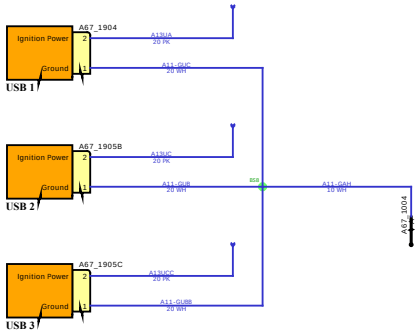

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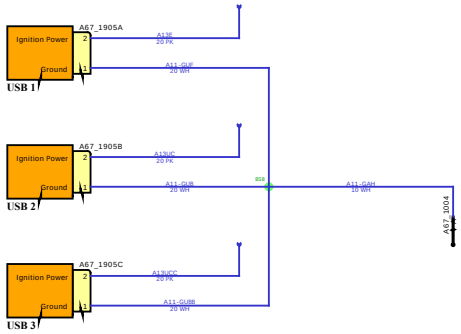

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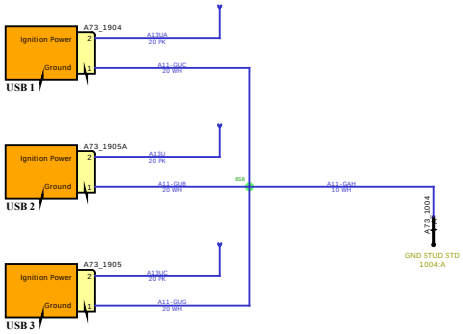

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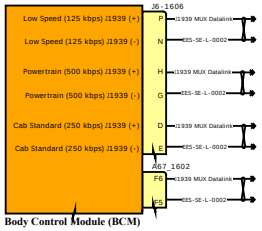

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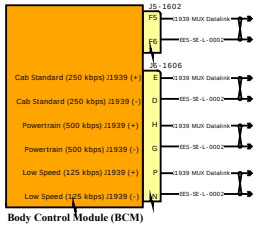

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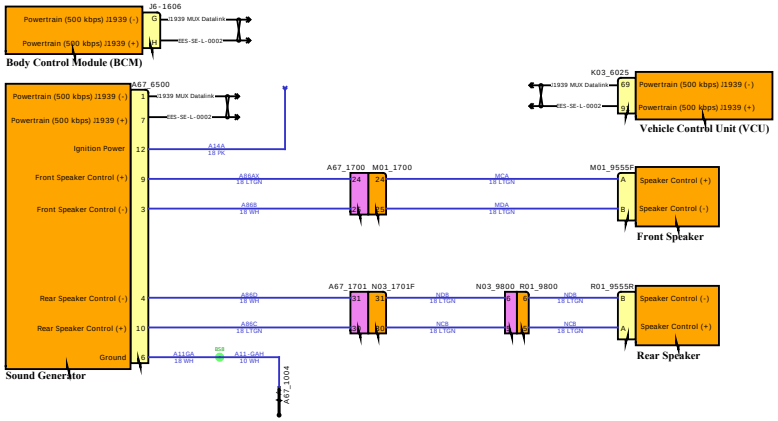

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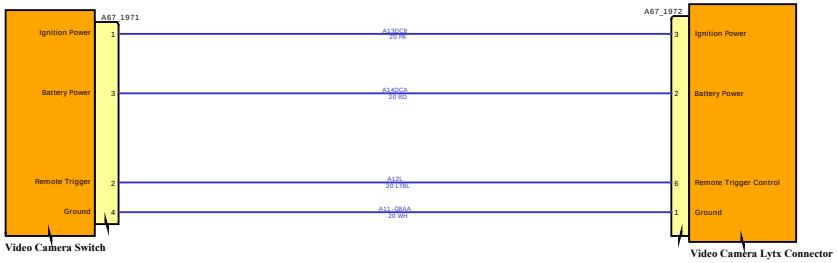

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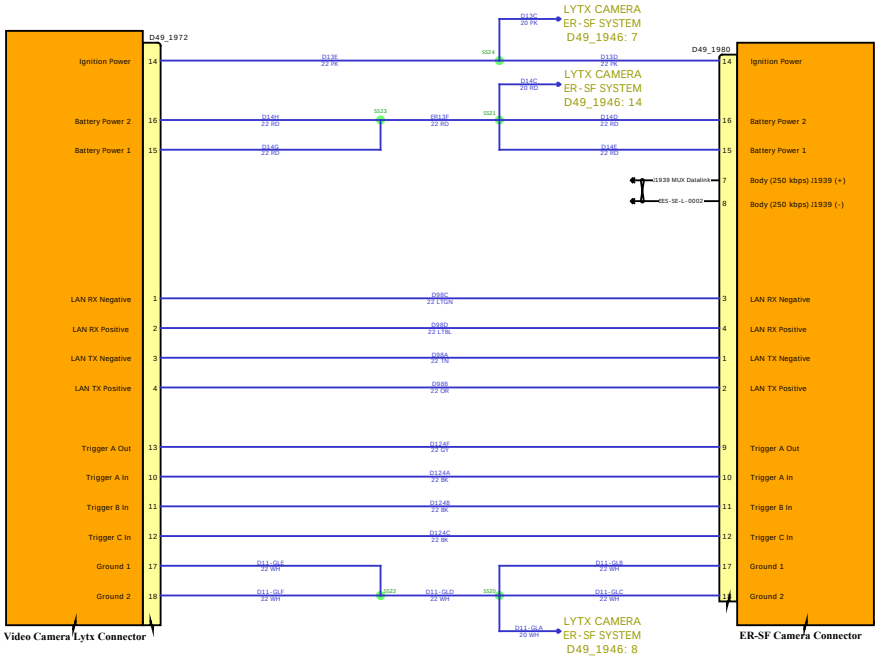

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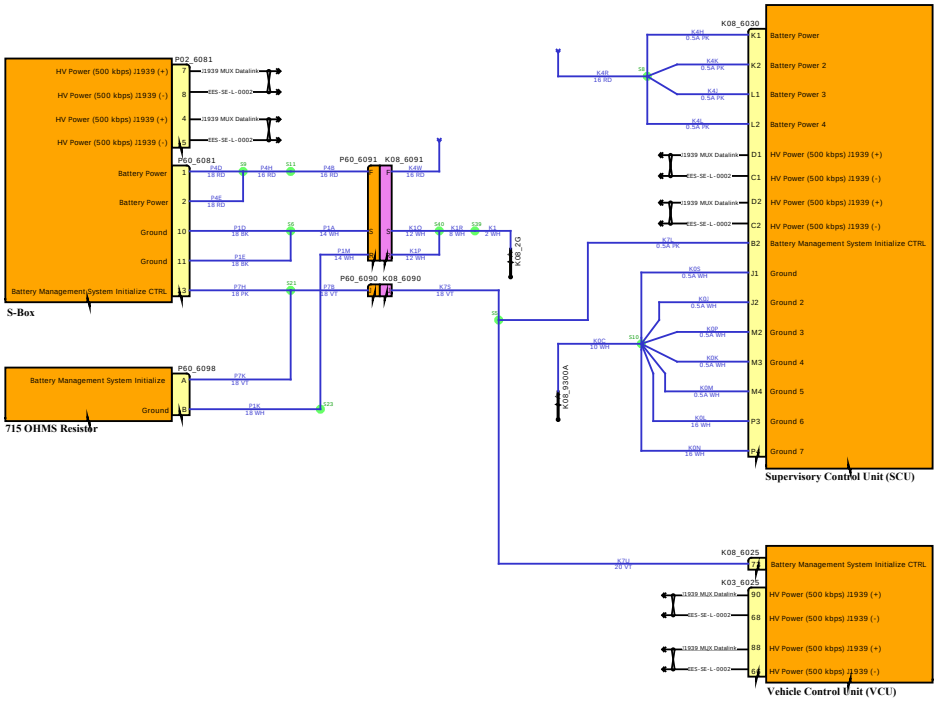

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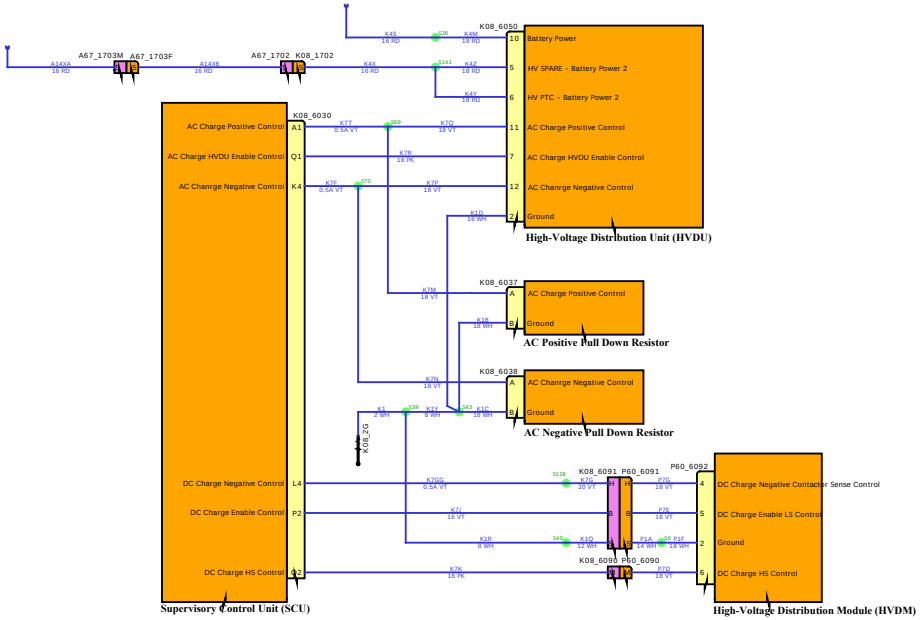

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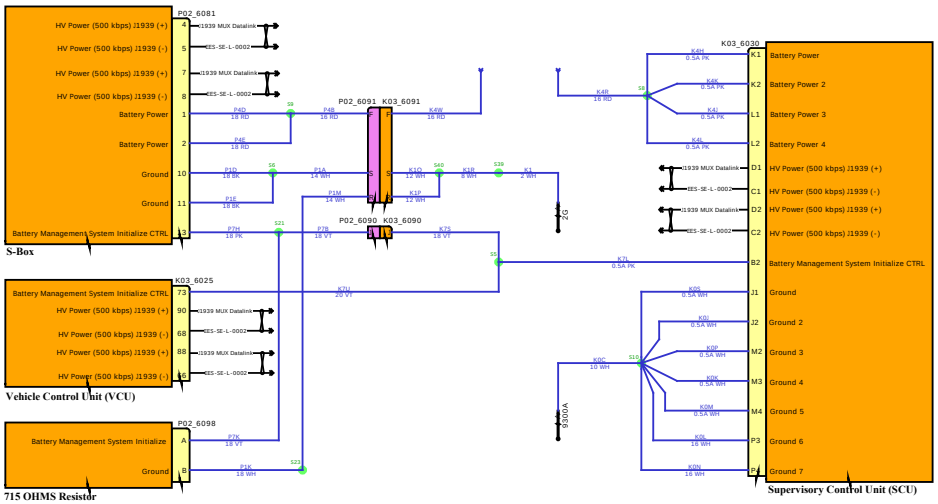
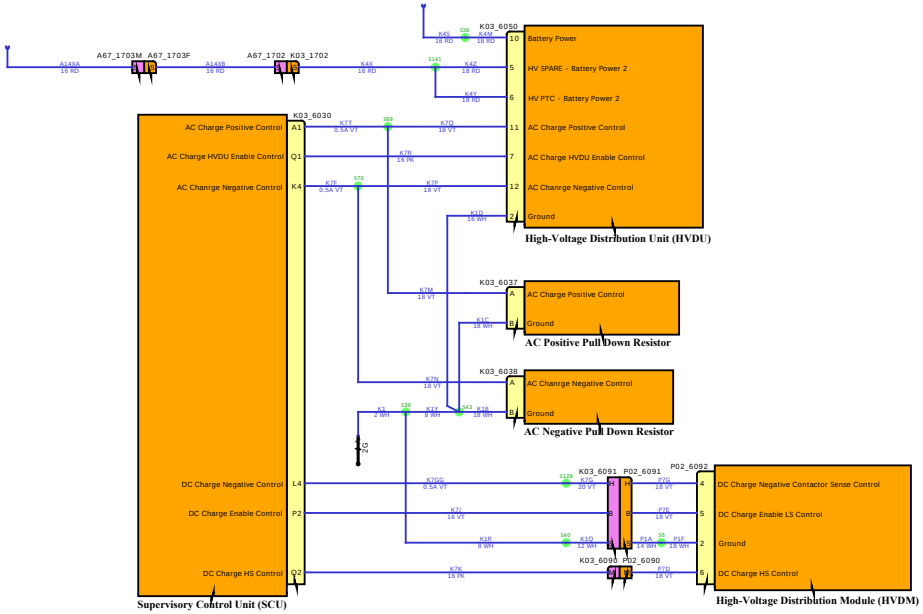
FEATURE CODES

SOFTWARE FEATURE CODES

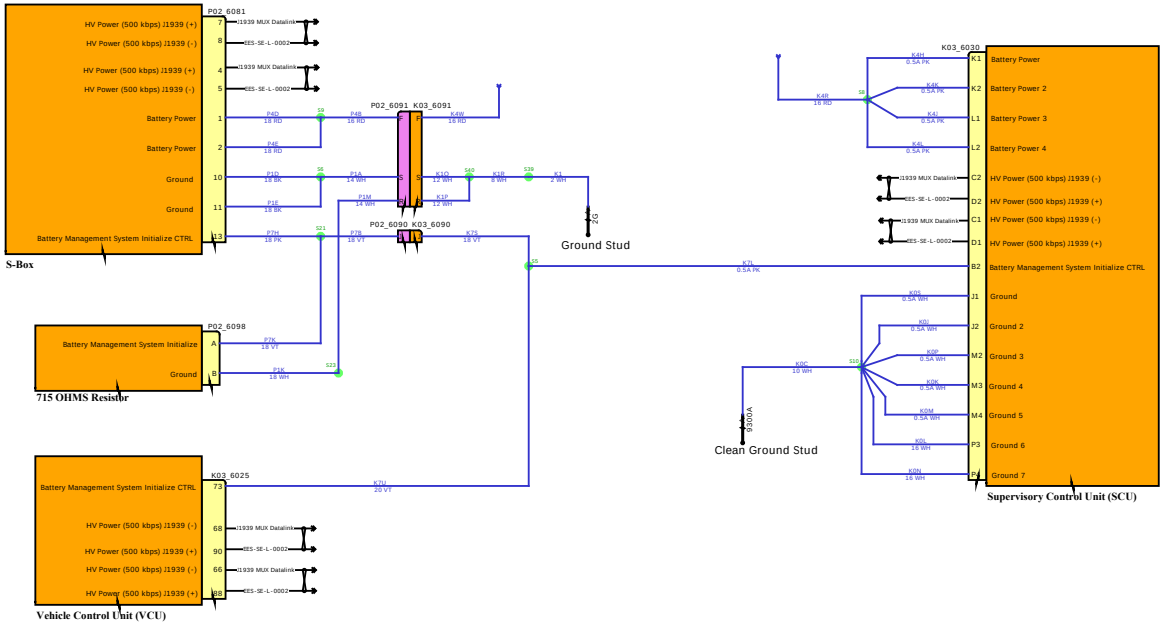




DESIGN DESCRIPTION

FEATURE CODES

SOFTWARE FEATURE CODES



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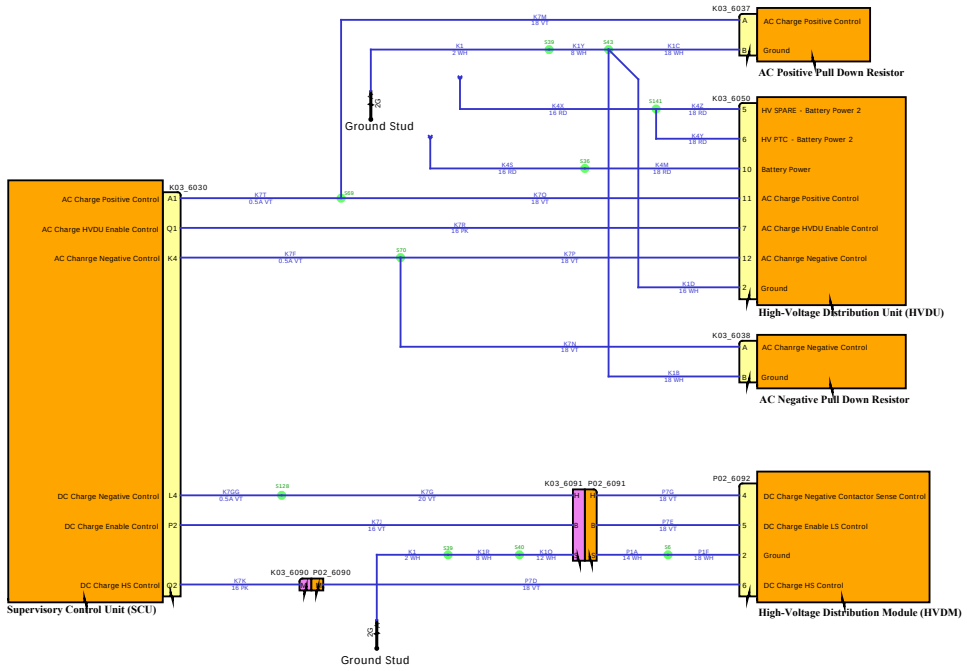

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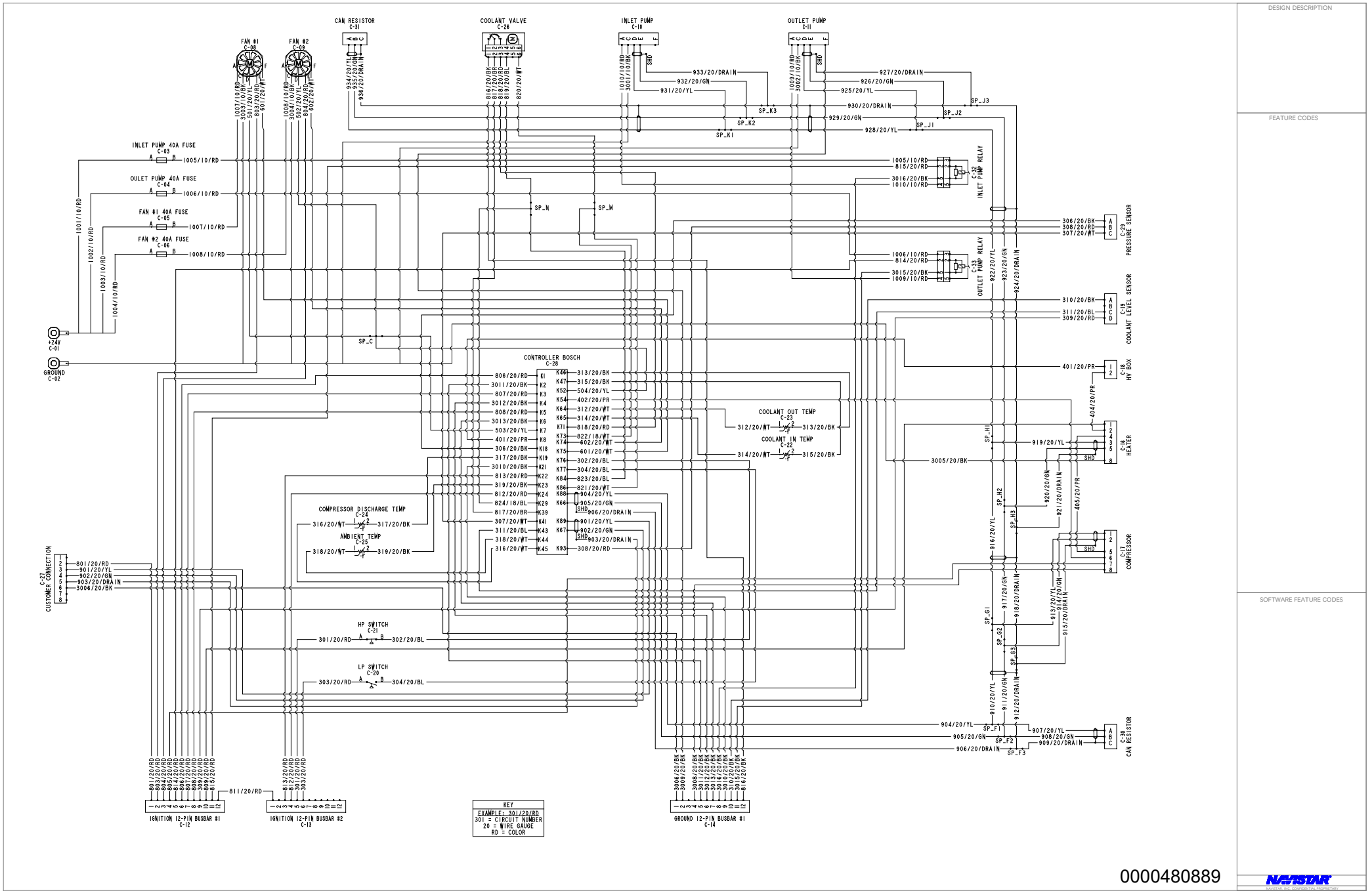

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FEATURE CODES

SOFTWARE FEATURE CODES

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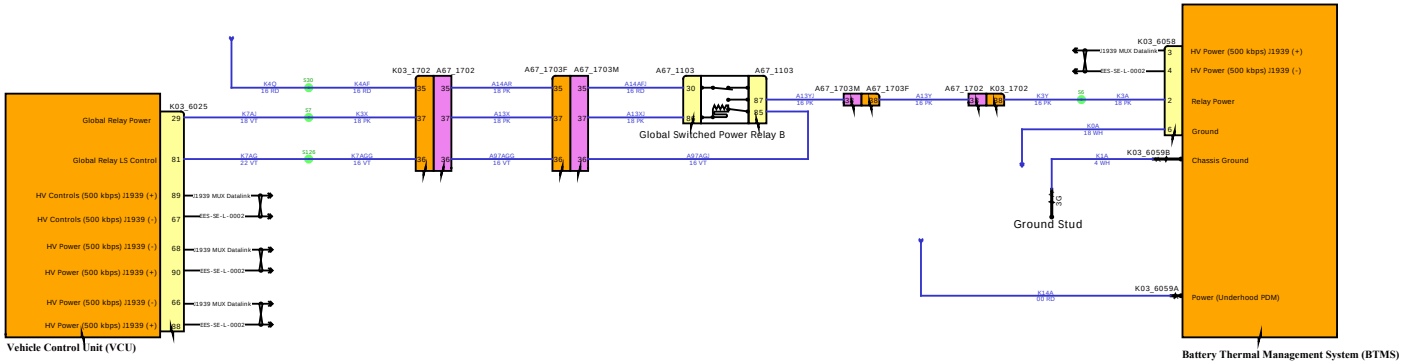
Diagram1



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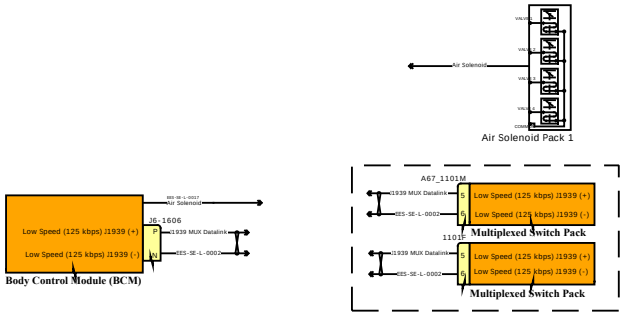

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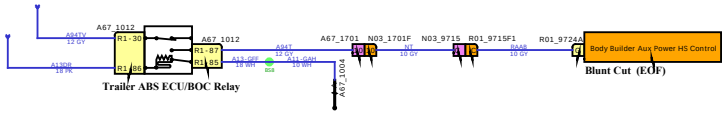

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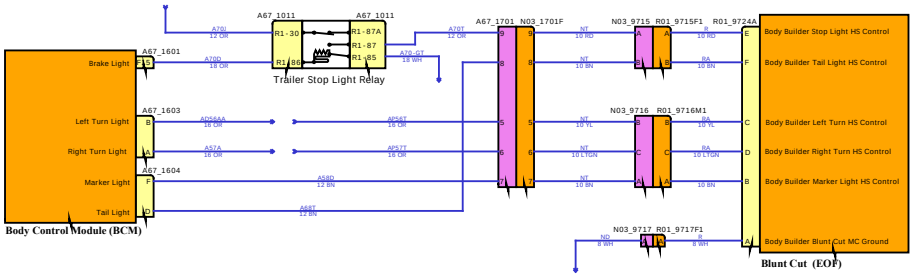

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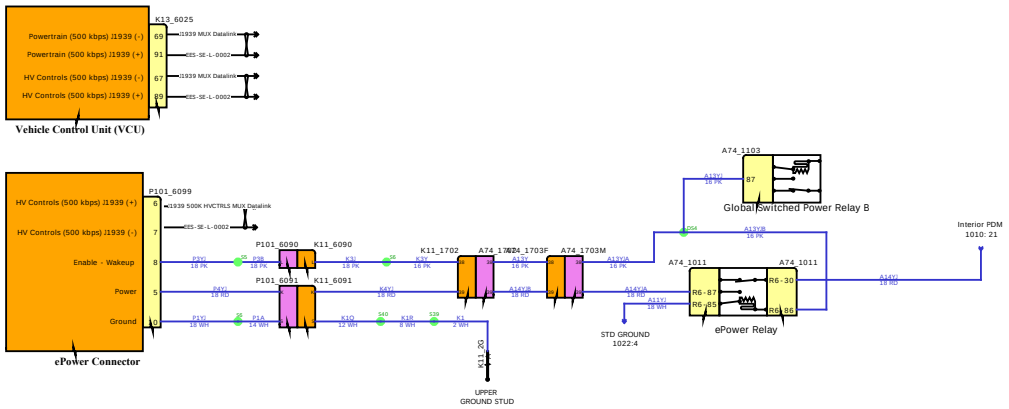

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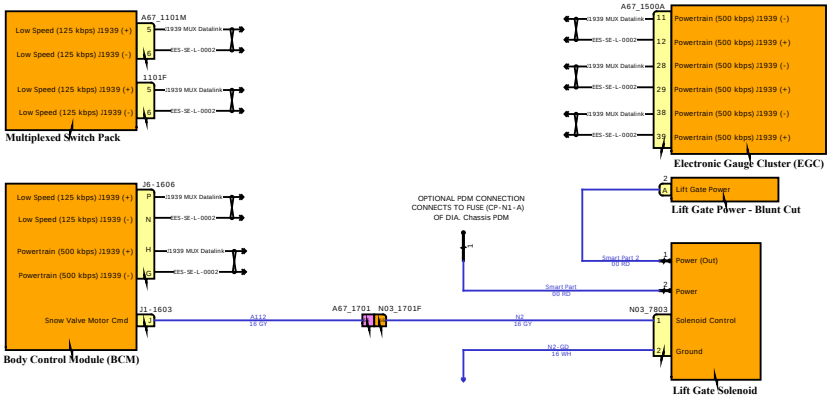

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FEATURE CODES

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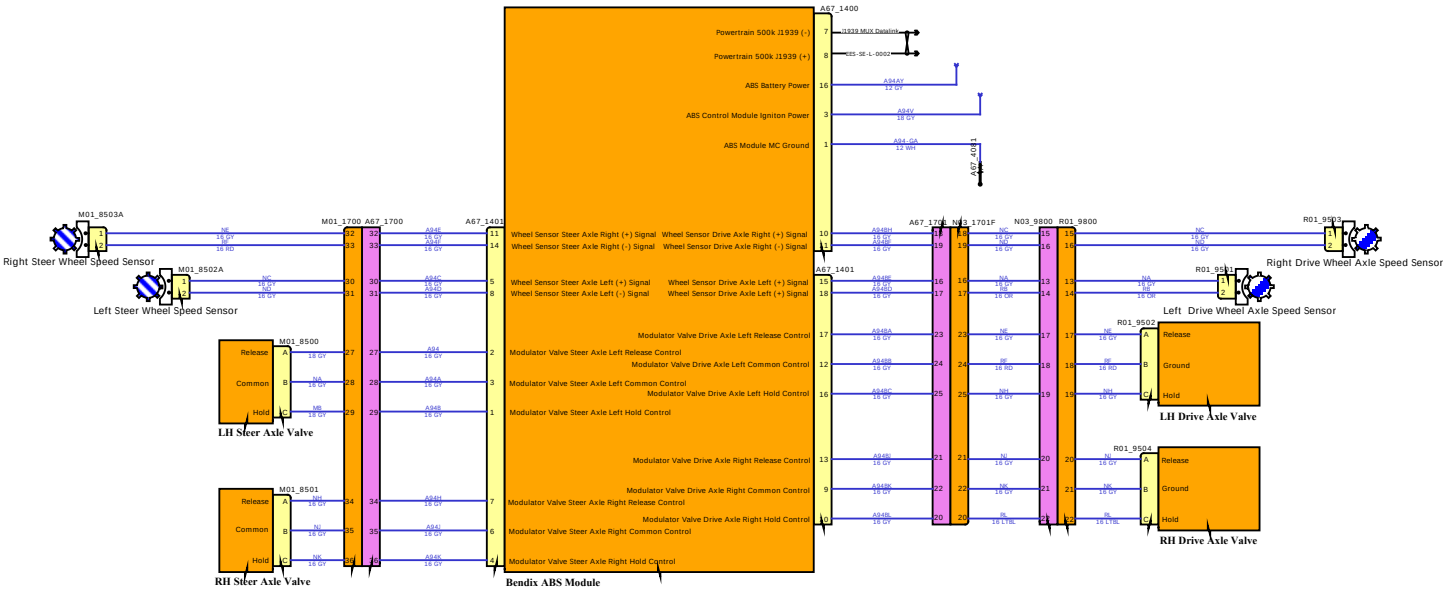
Diagram1



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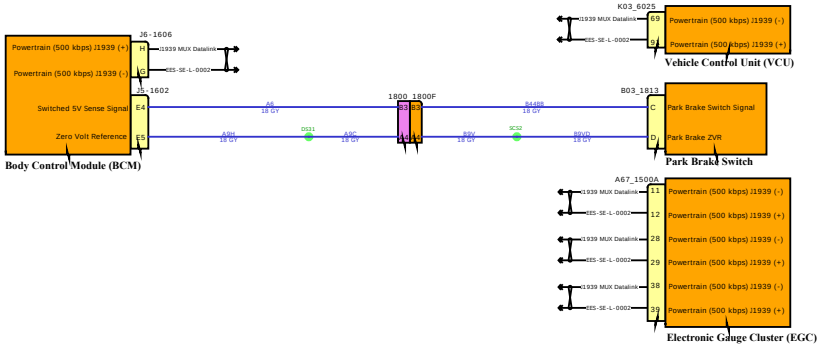

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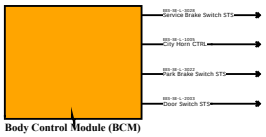

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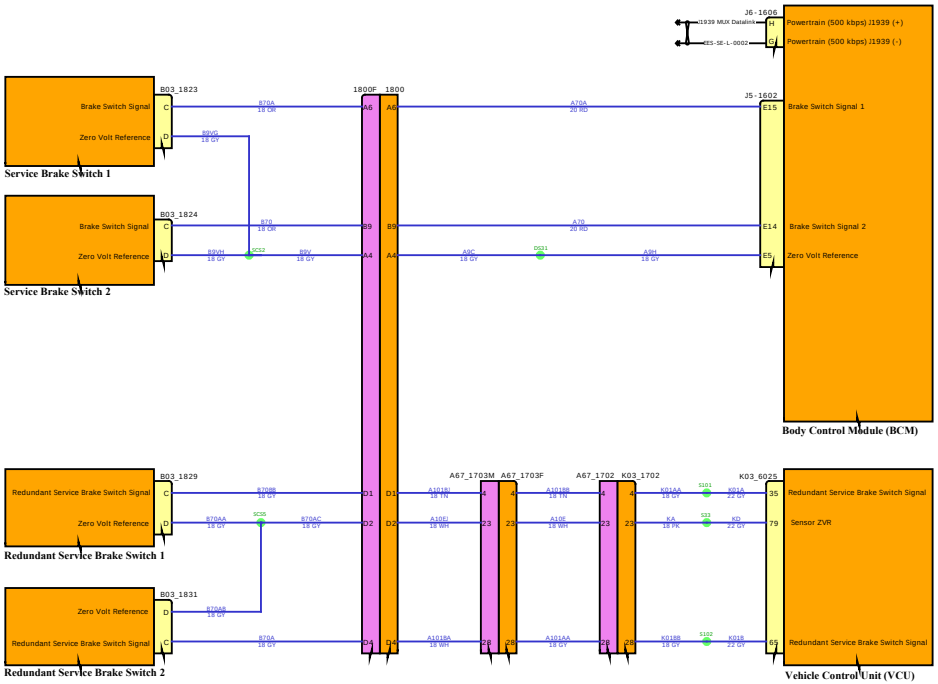

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FEATURE CODES

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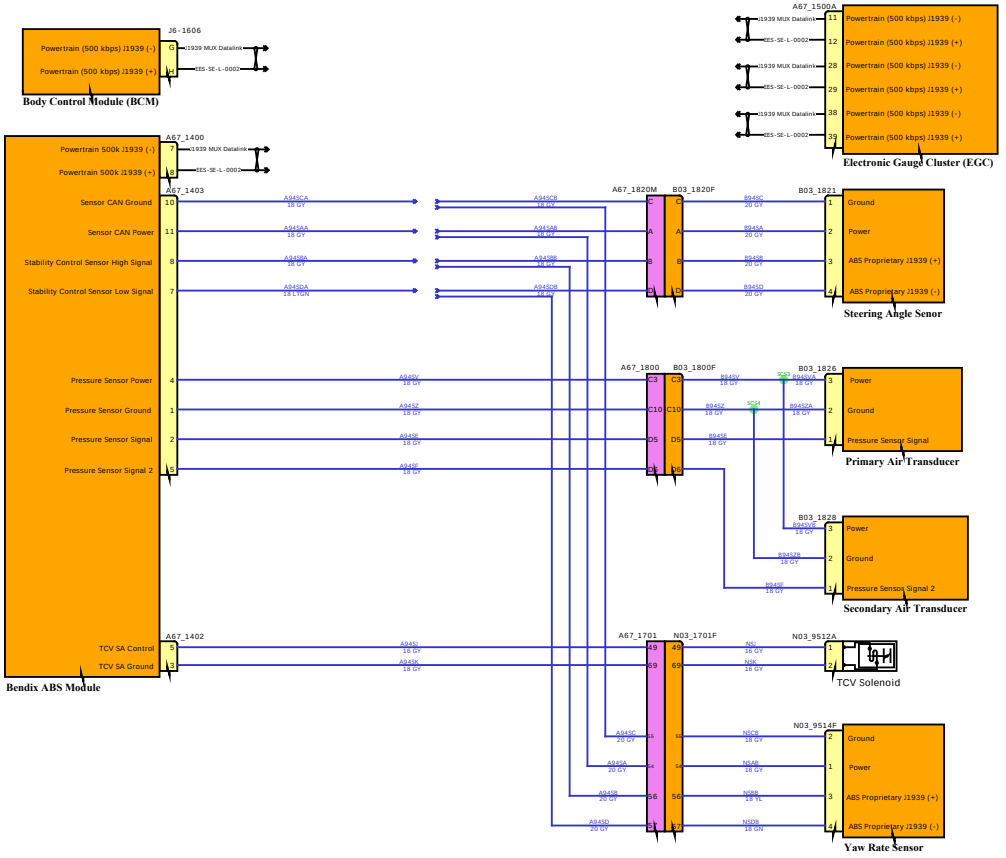
Diagram1



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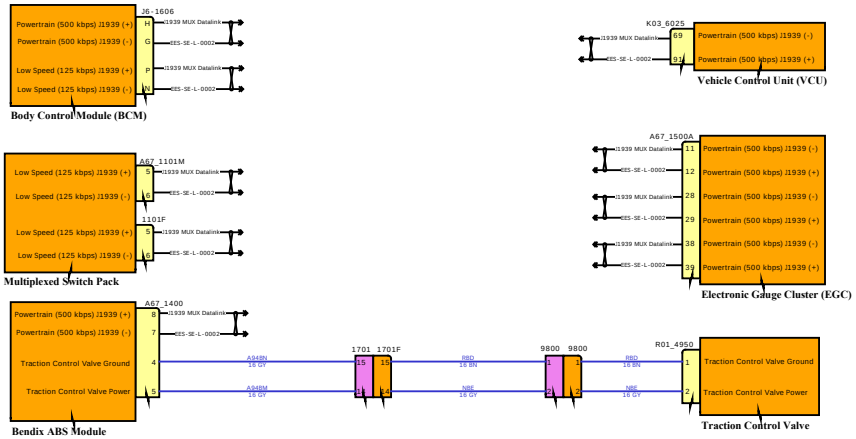

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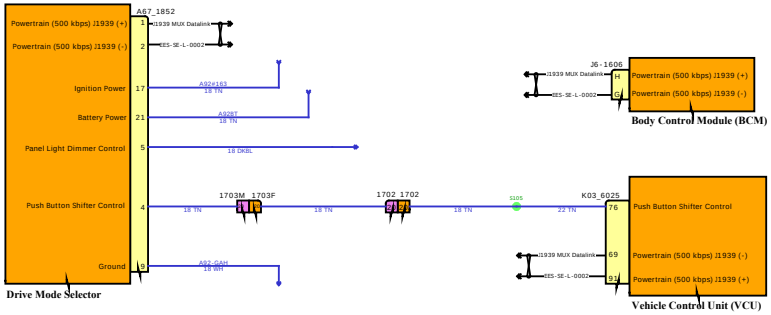

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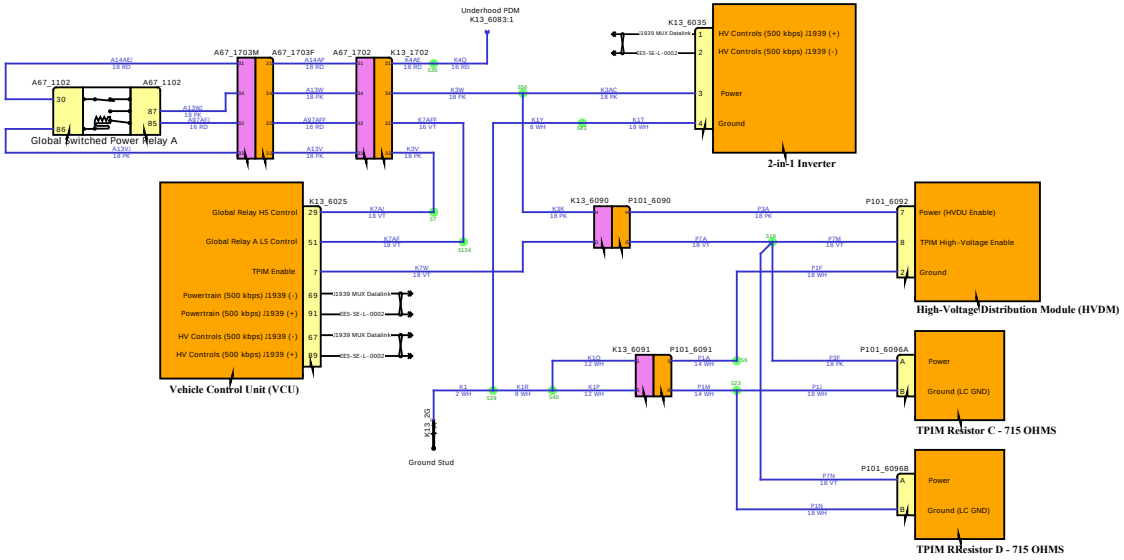

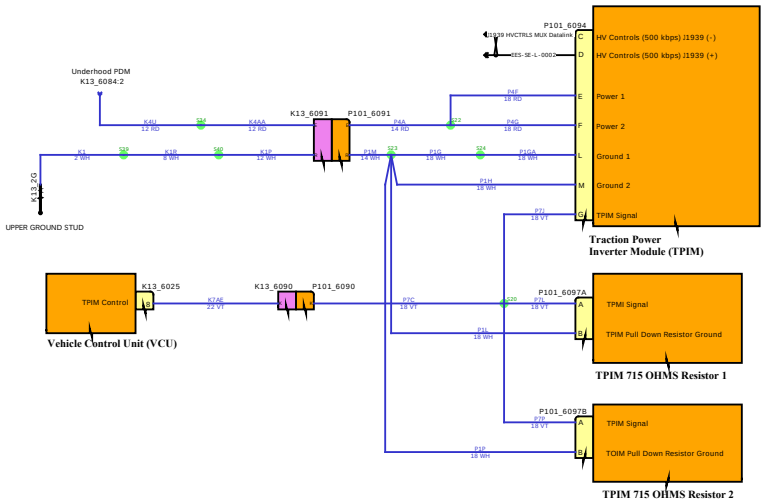

DESIGN DESCRIPTION

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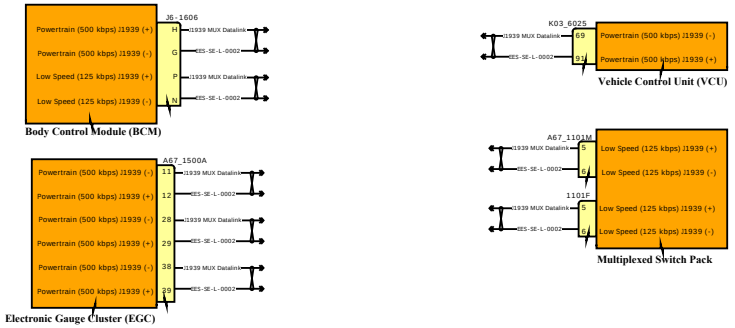
SOFTWARE FEATURE CODES

Diagram1



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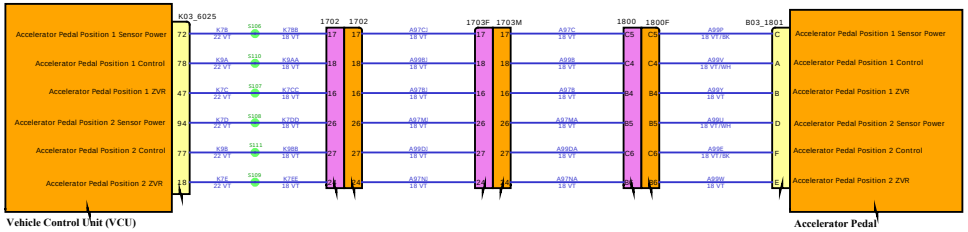

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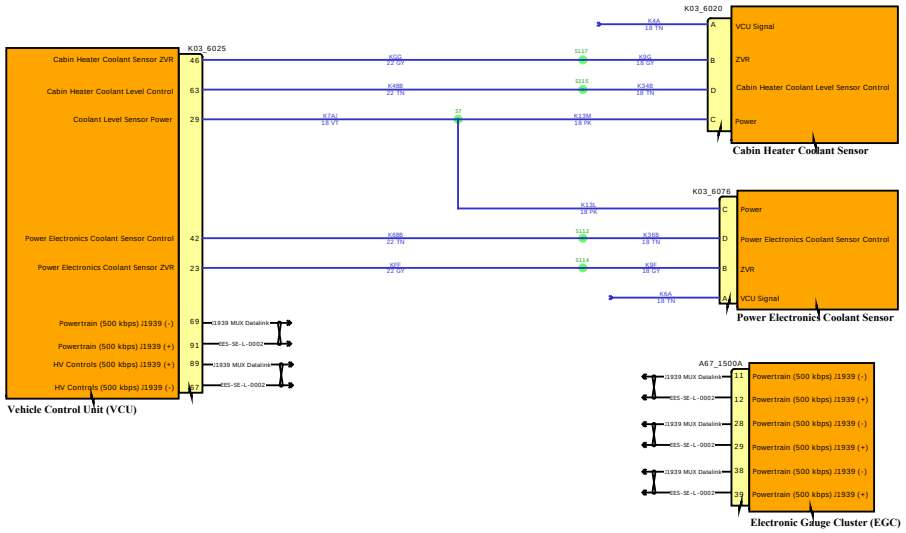

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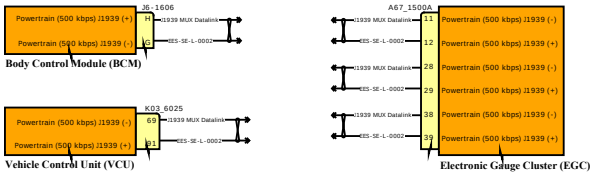

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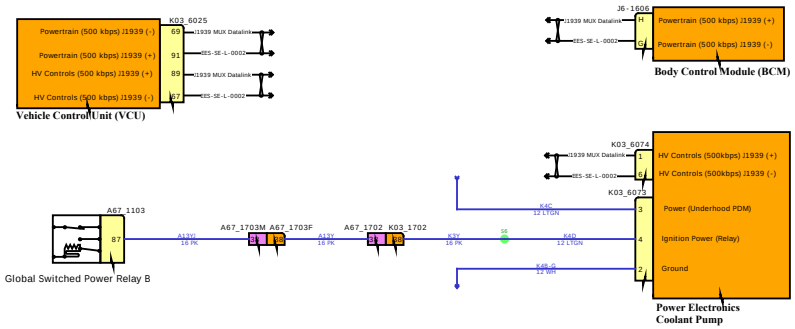

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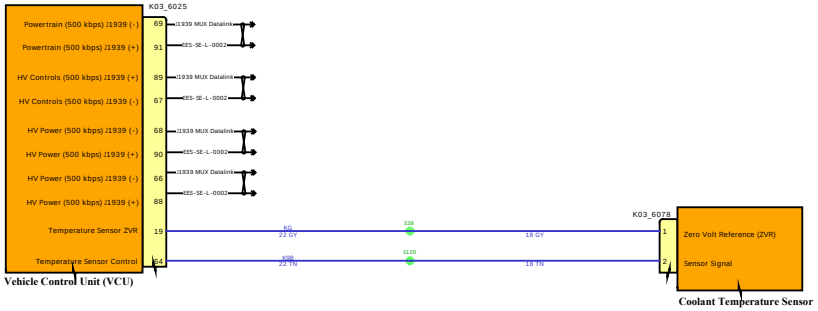

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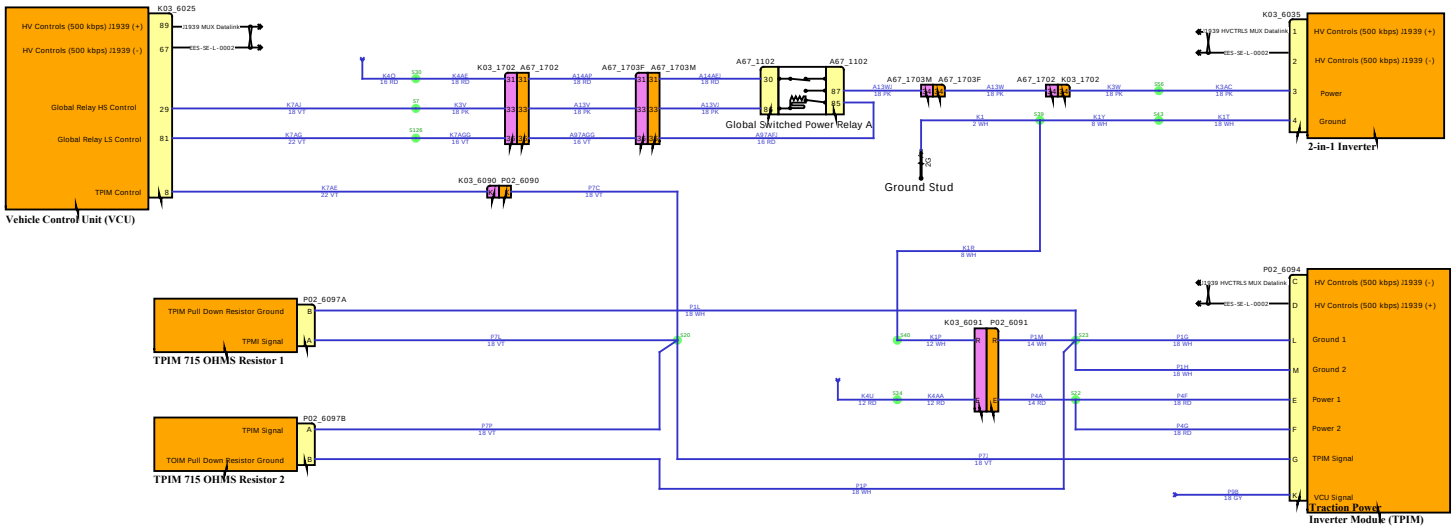

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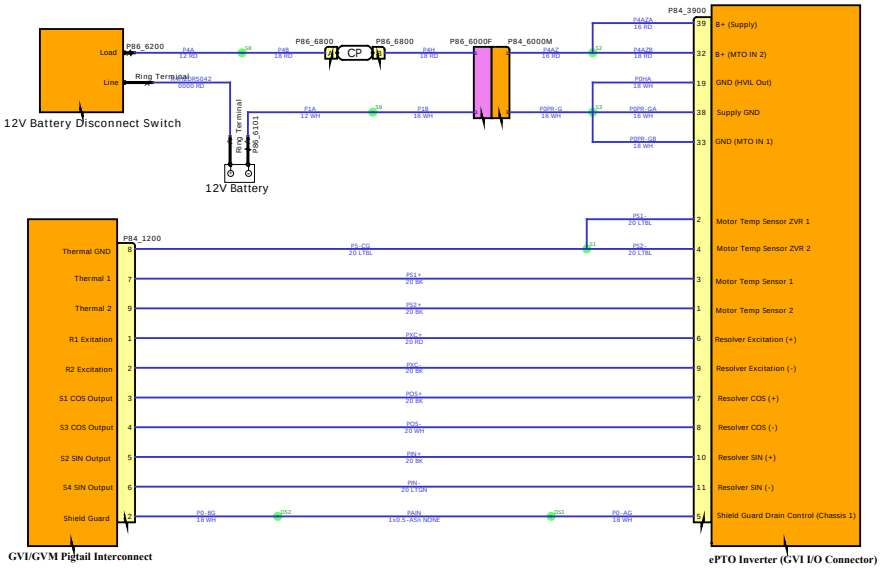

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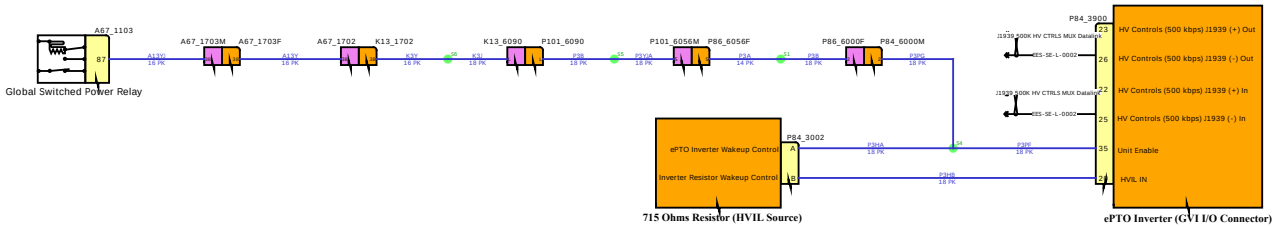

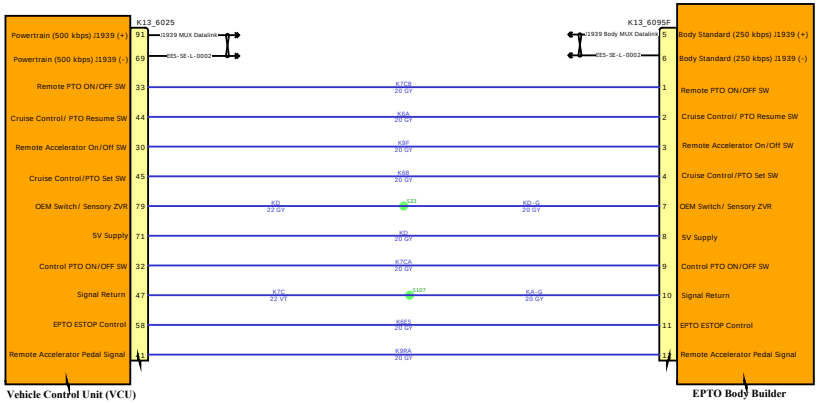

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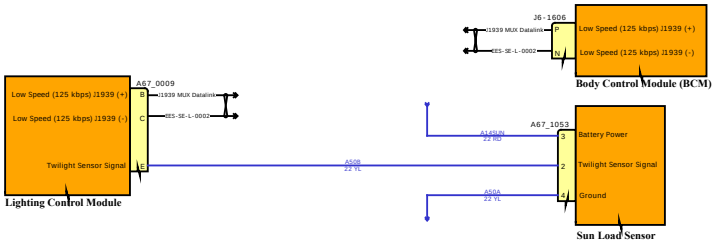

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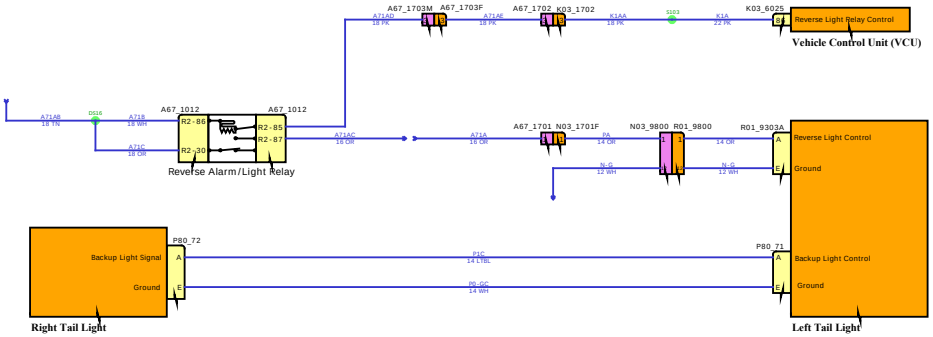

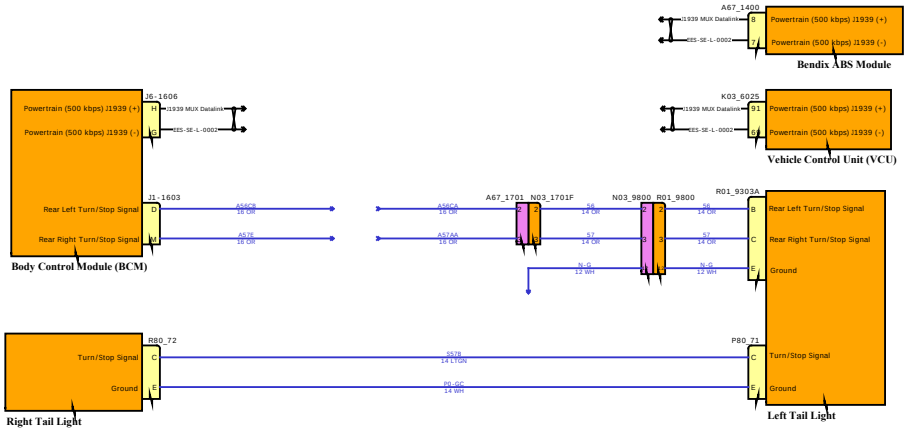

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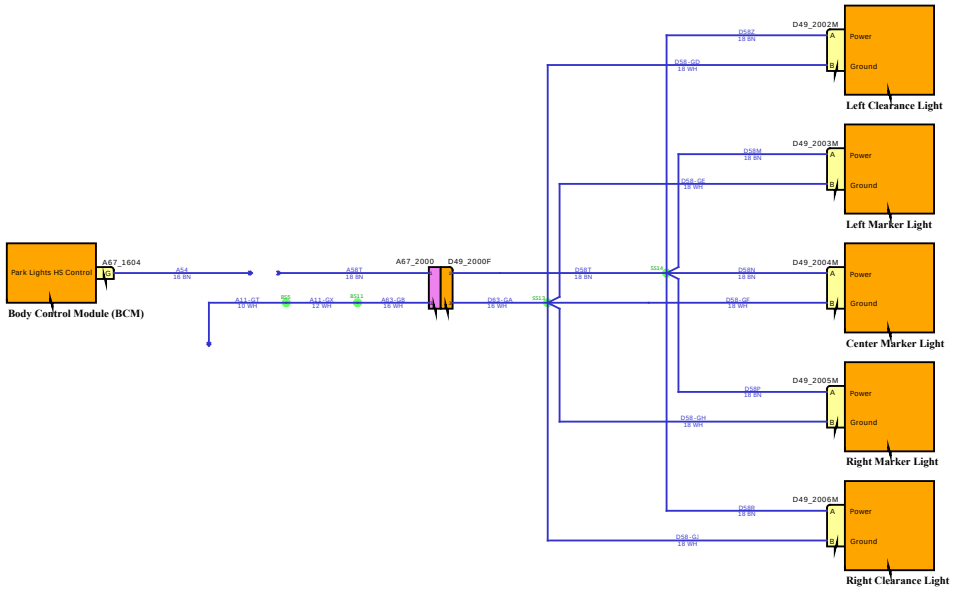

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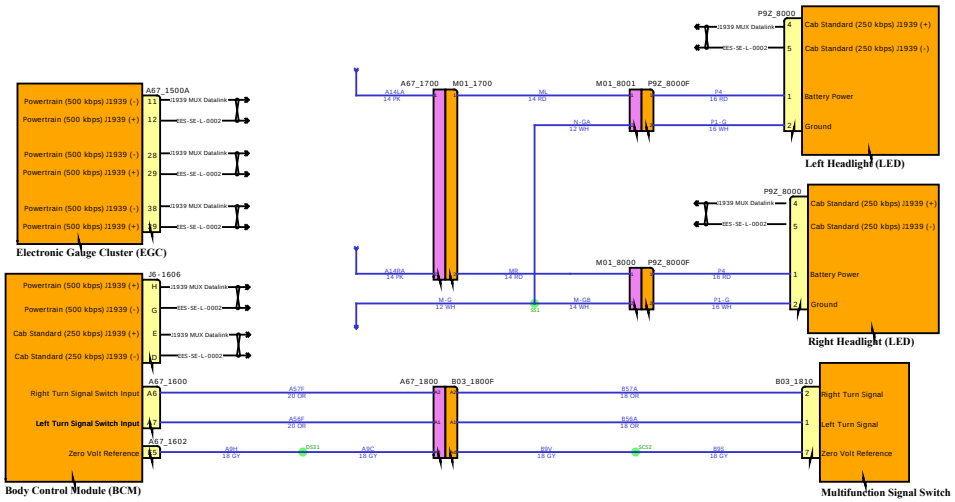

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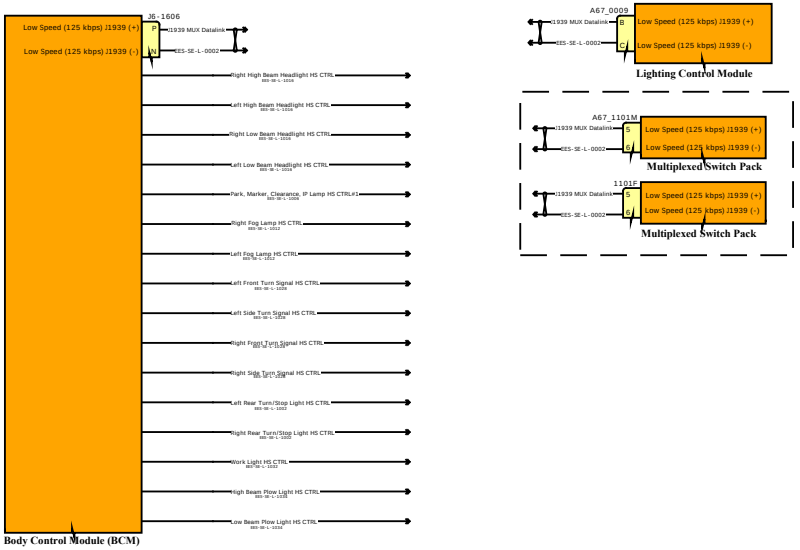
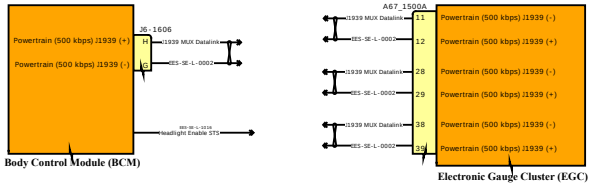


DESIGN DESCRIPTION

FEATURE CODES

SOFTWARE FEATURE CODES

Diagram1



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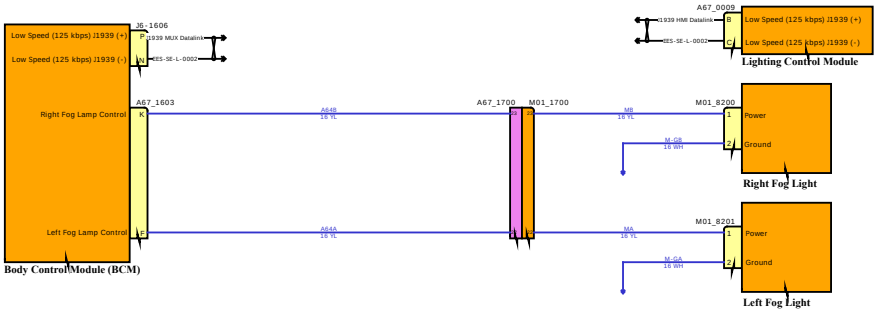

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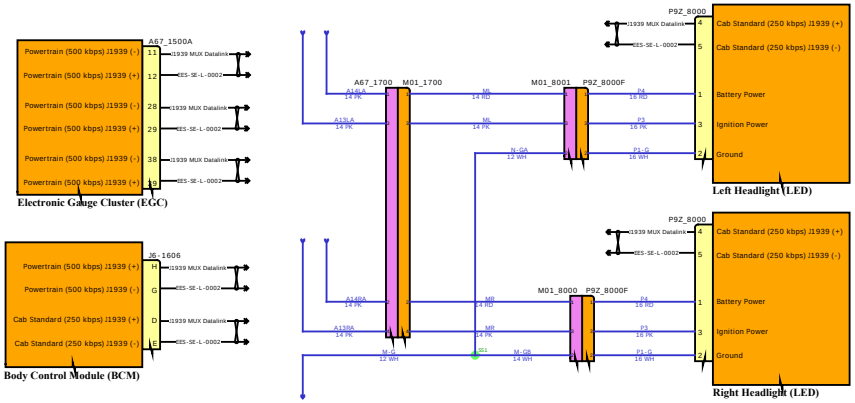

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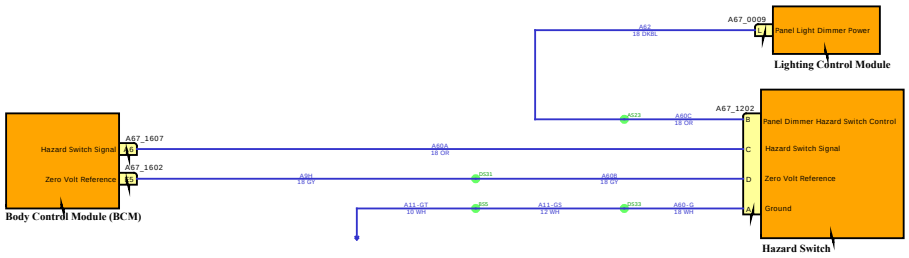

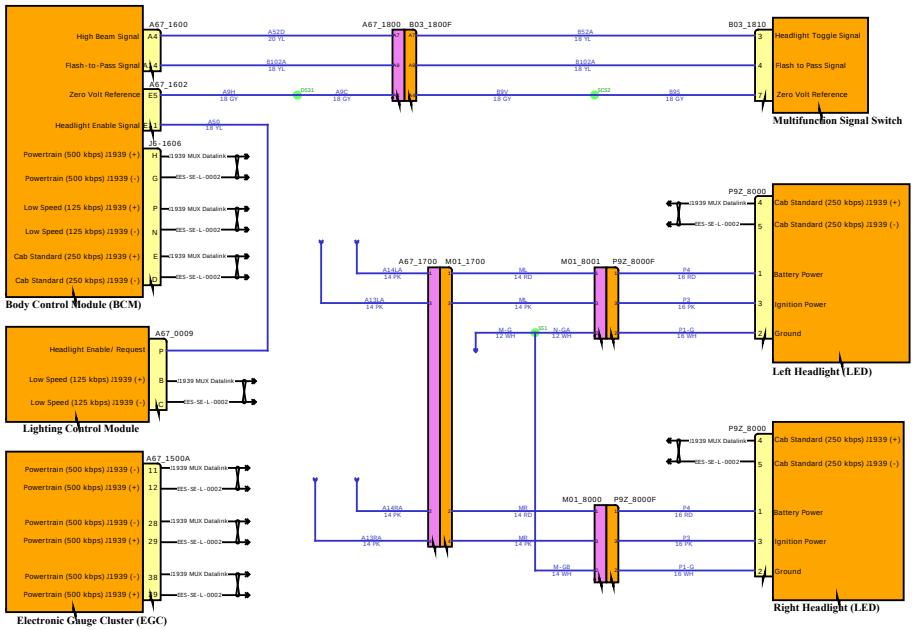

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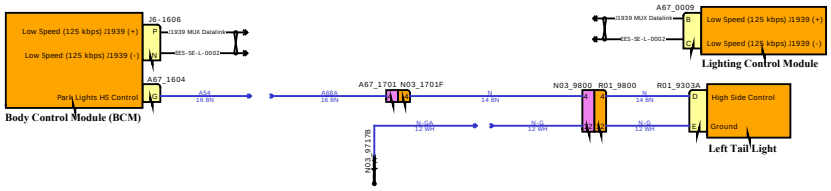

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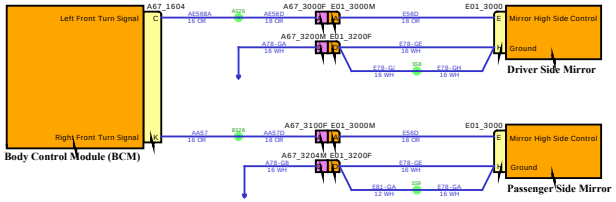

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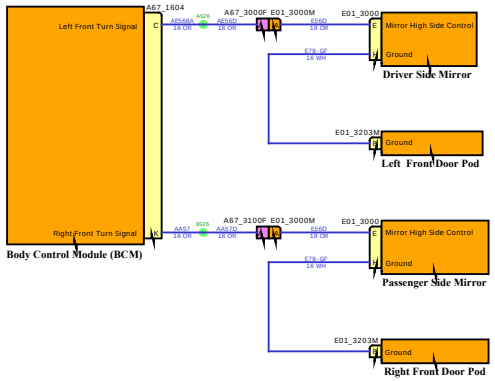

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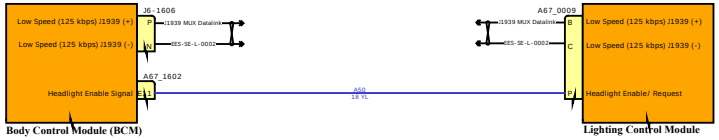

DESIGN DESCRIPTION

FEATURE CODES

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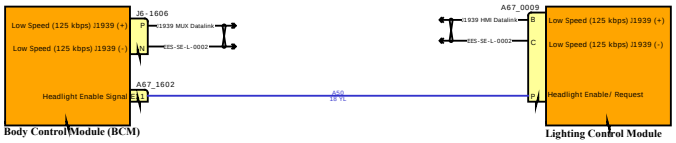
Diagram1



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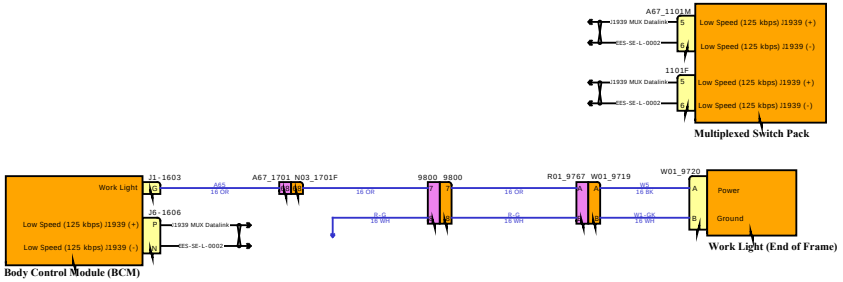

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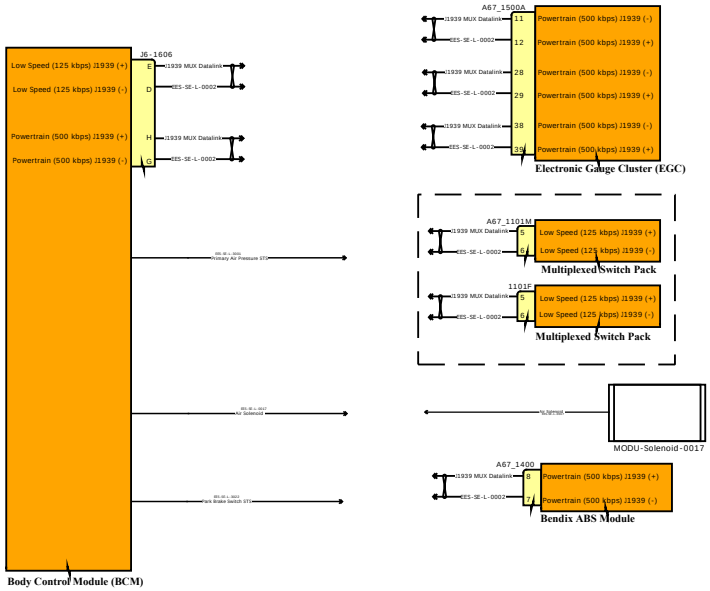

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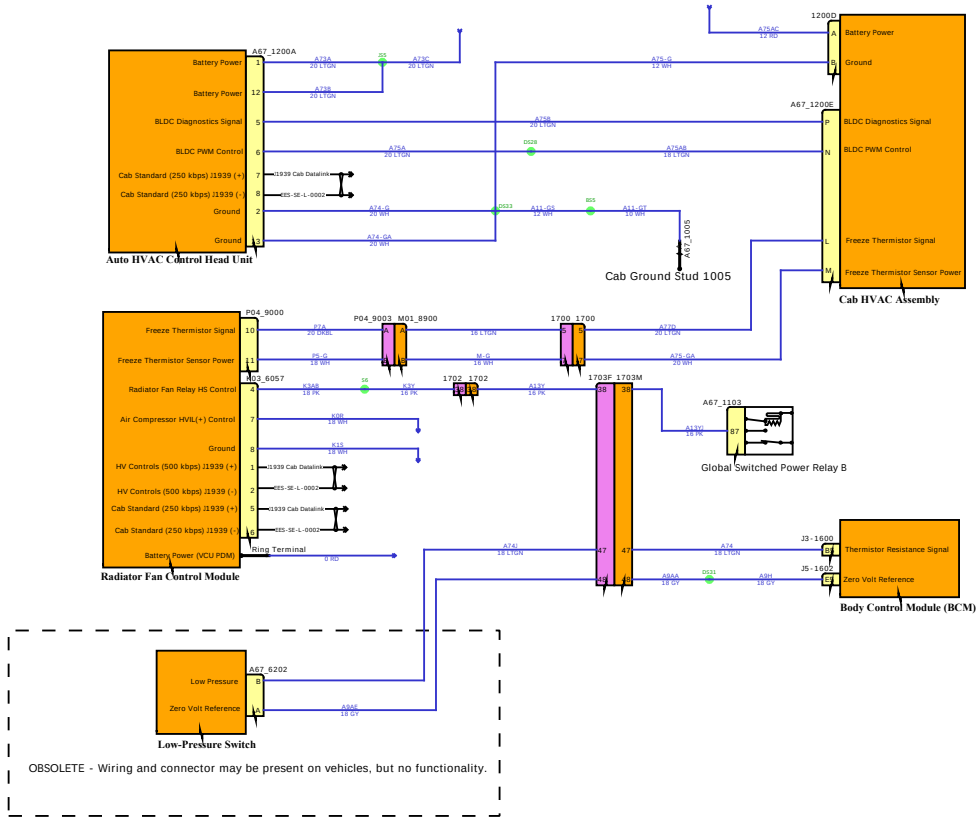

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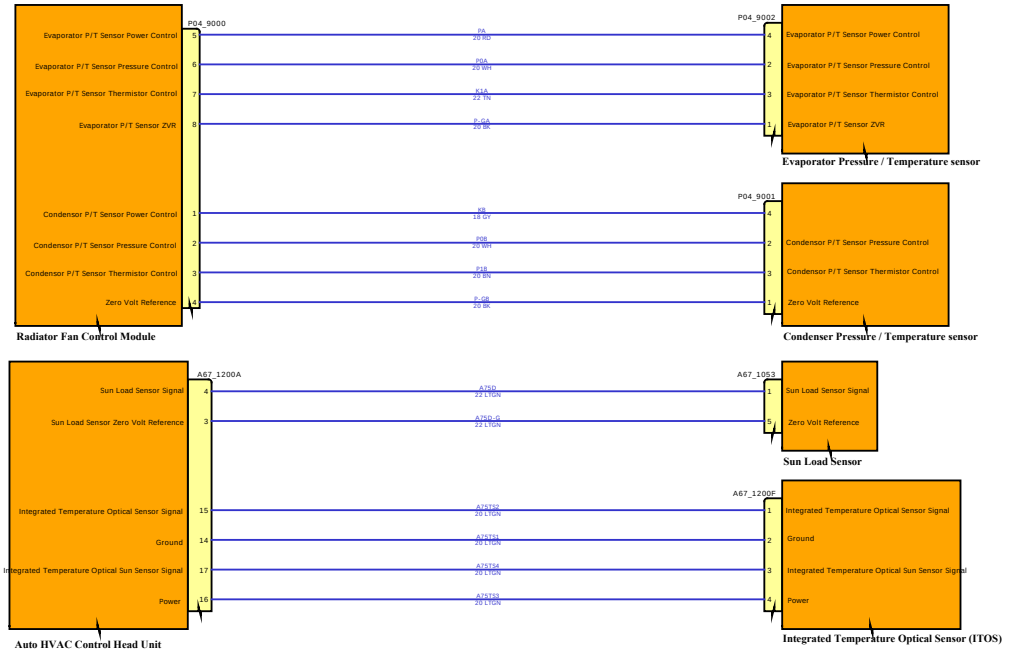

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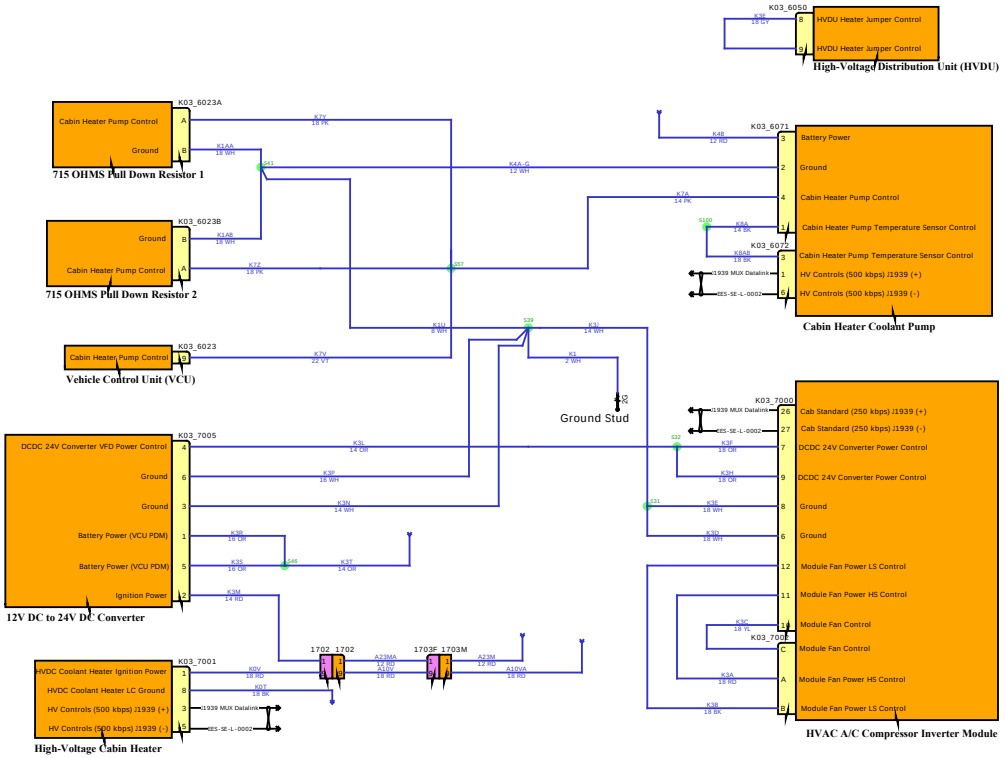

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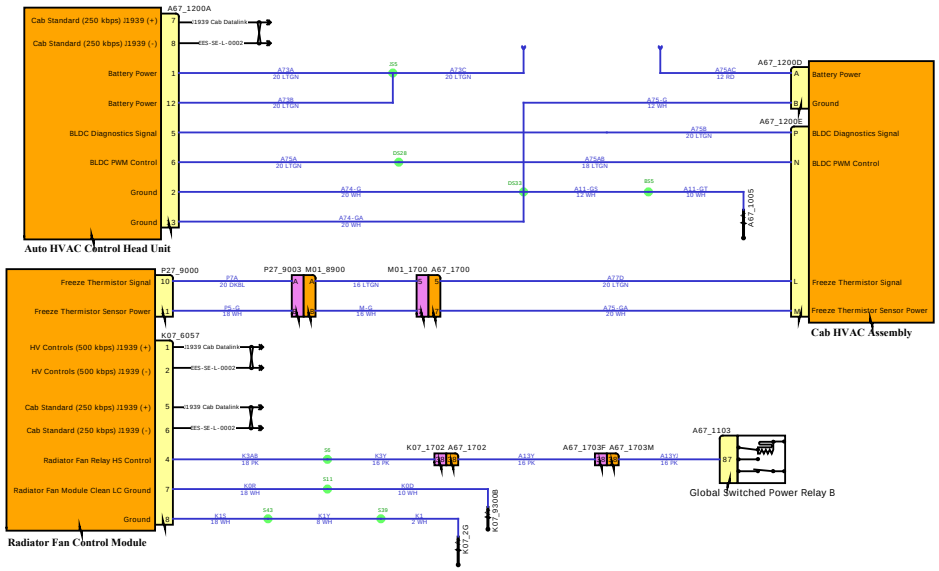
SOFTWARE FEATURE CODES



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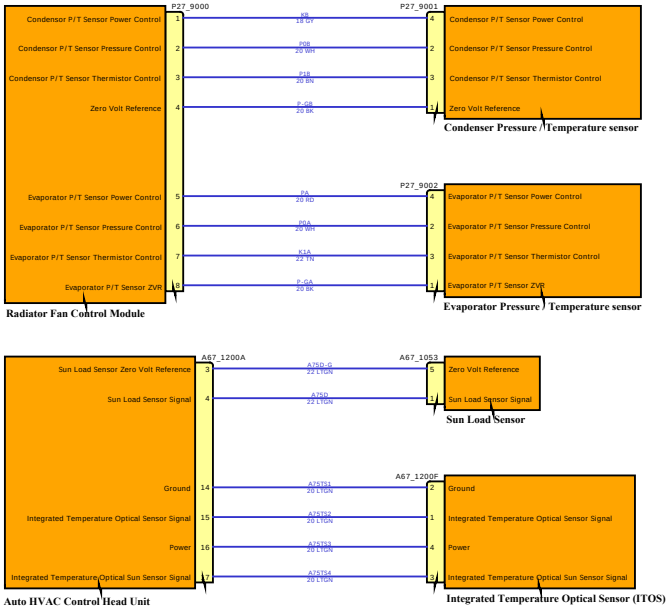

DESIGN DESCRIPTION

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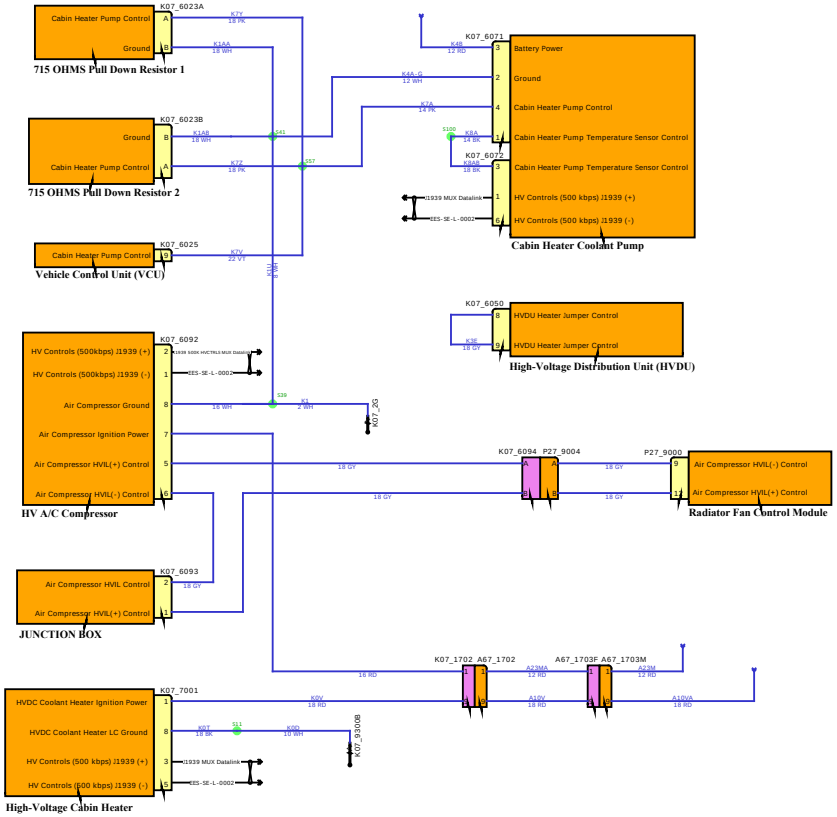
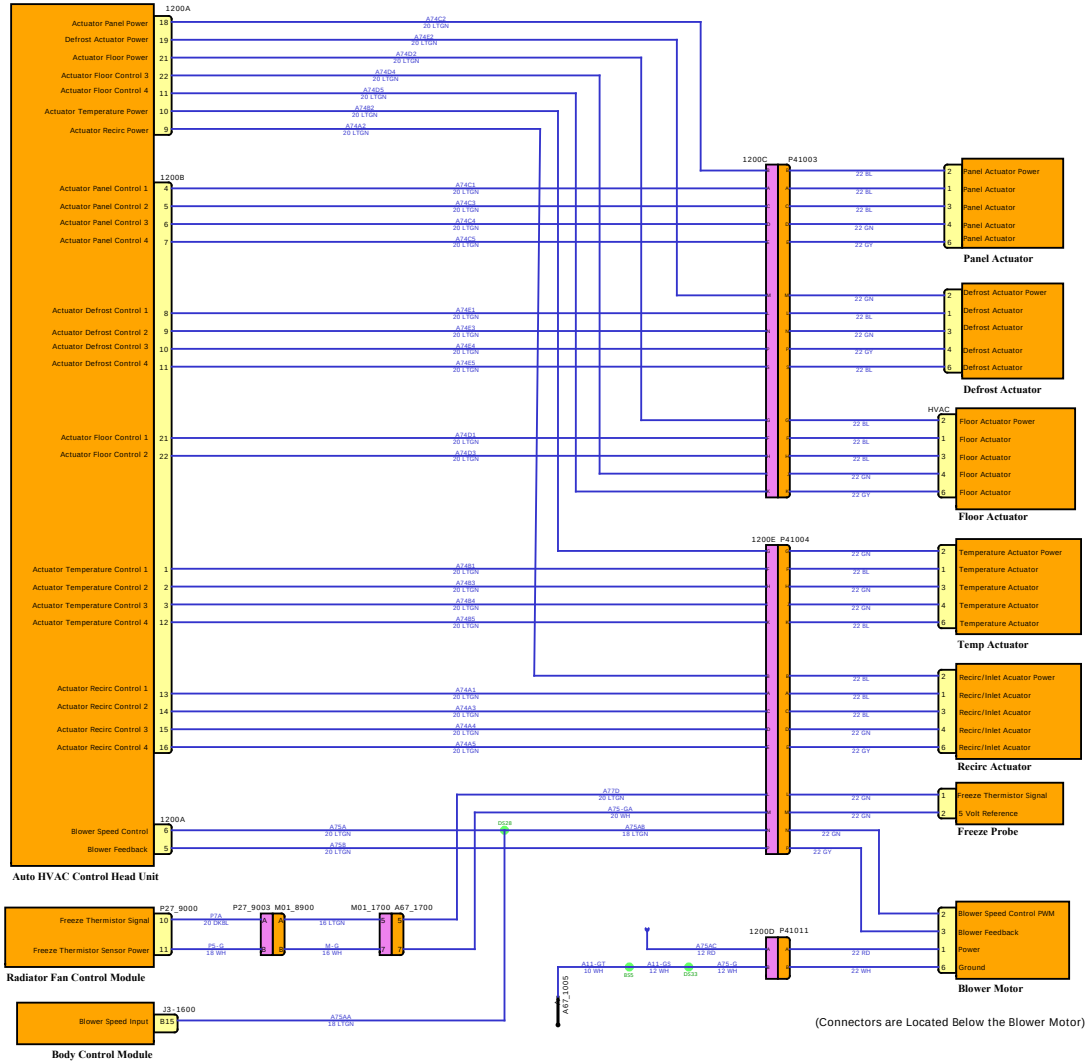
SOFTWARE FEATURE CODES

DESIGN DESCRIPTION

FEATURE CODES

SOFTWARE FEATURE CODES





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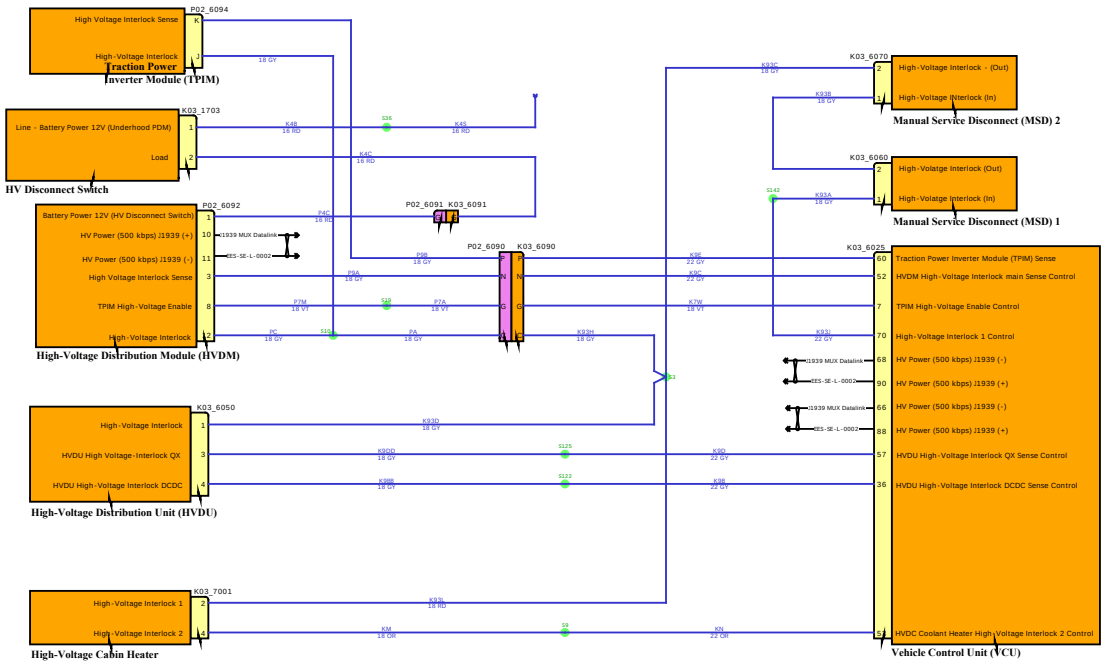

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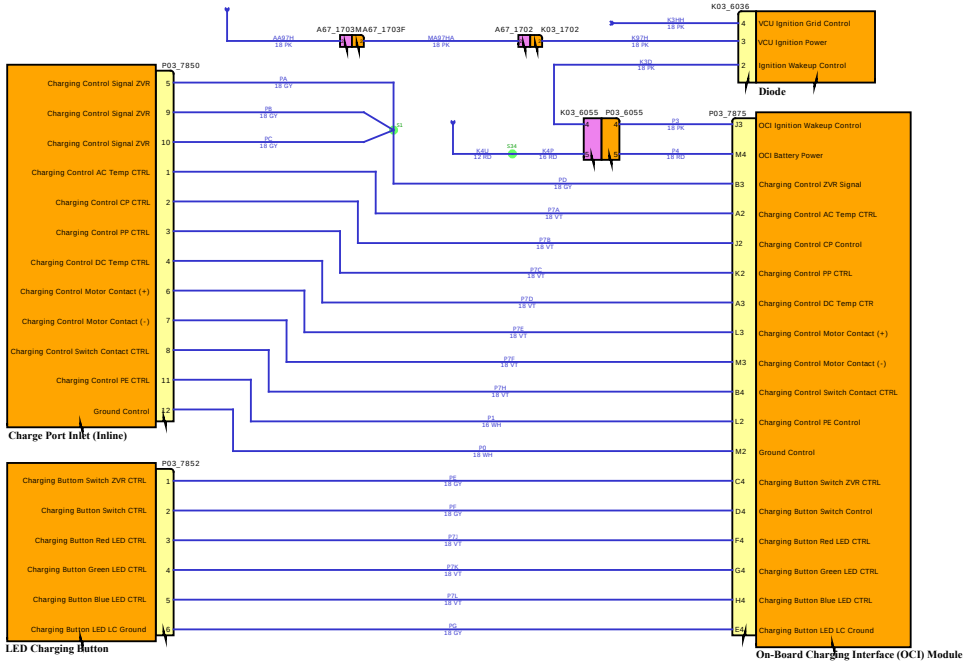

DESIGN DESCRIPTION

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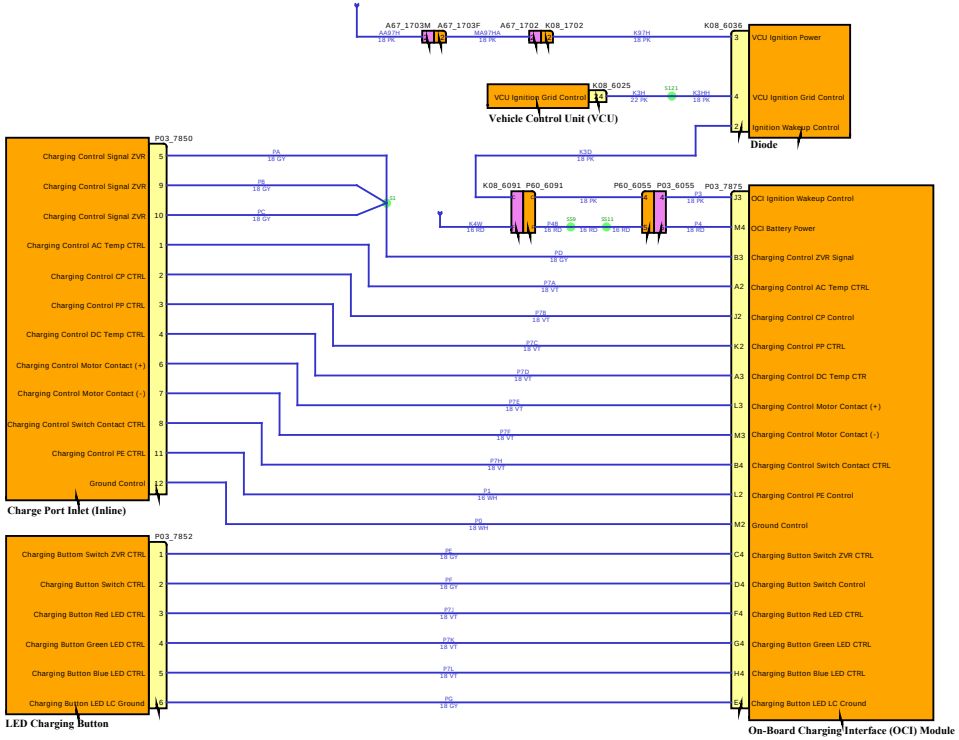

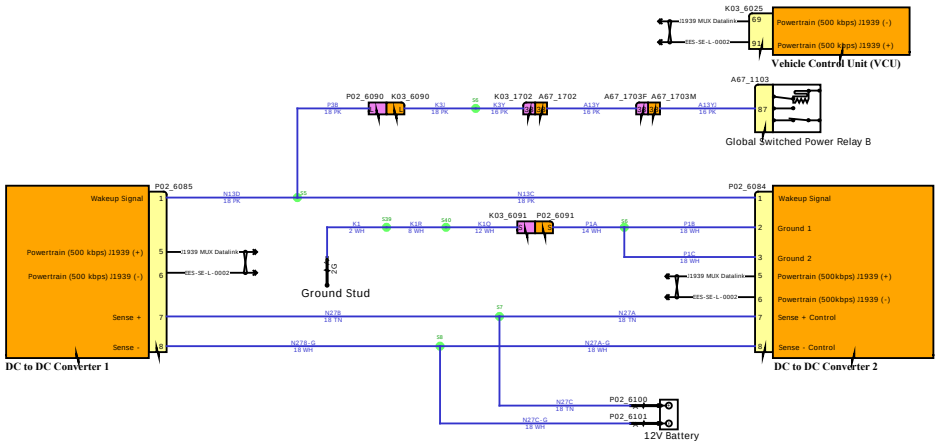

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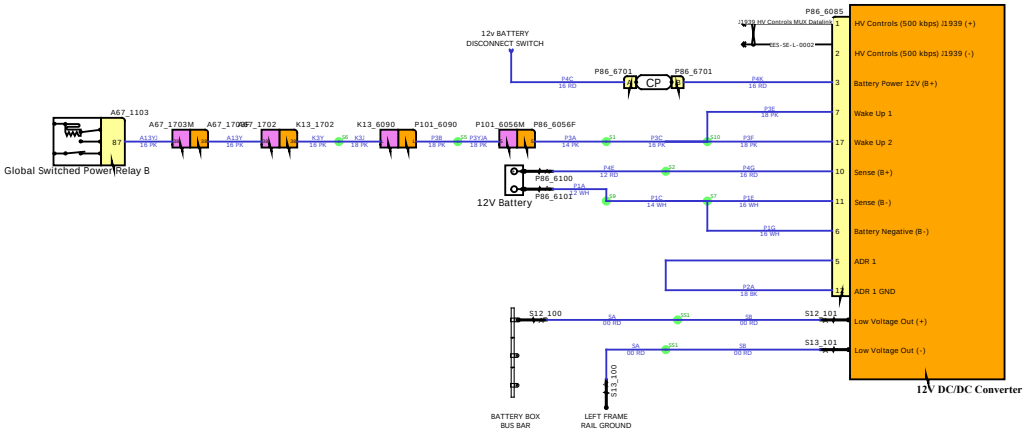

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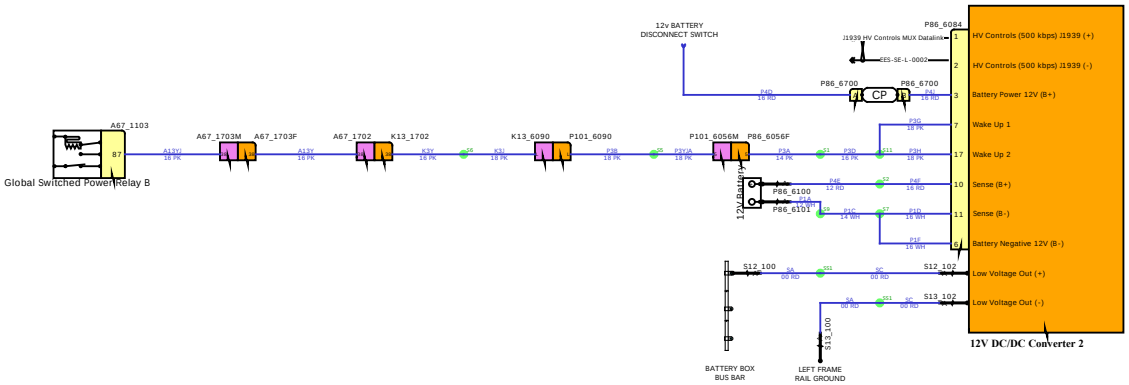

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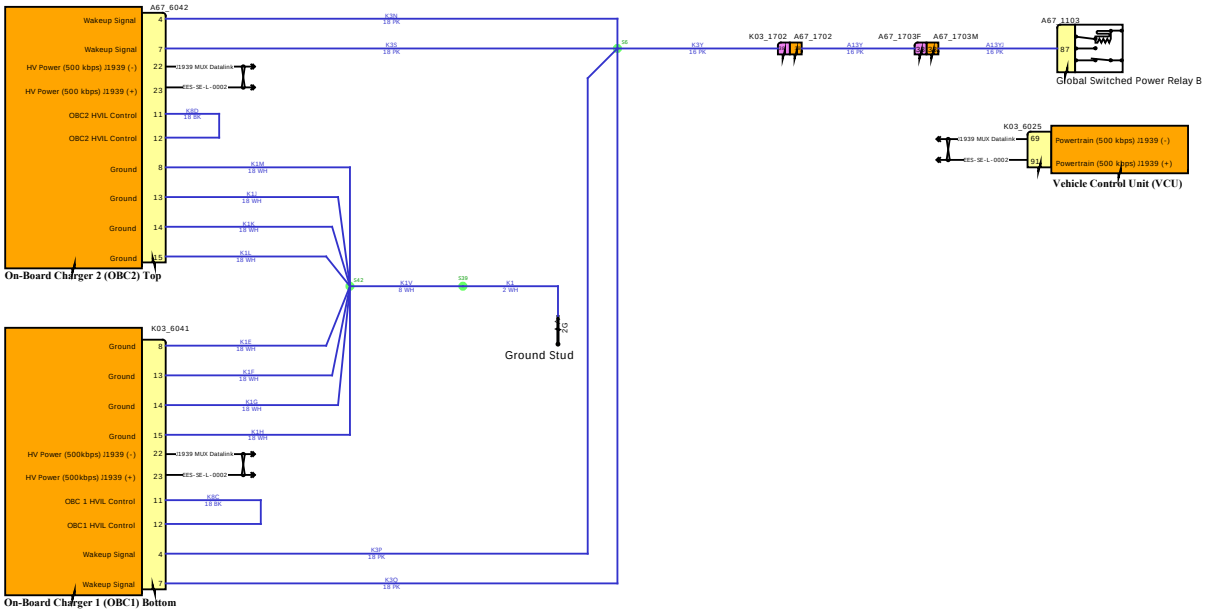

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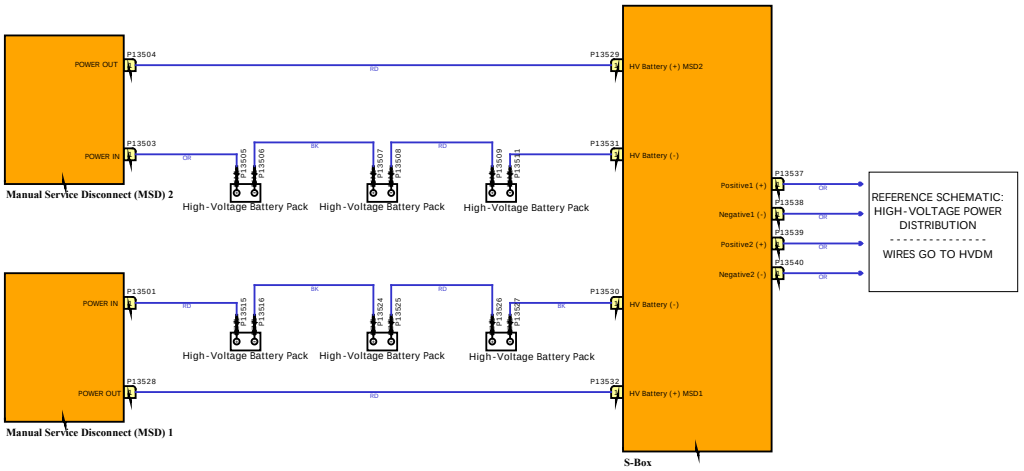
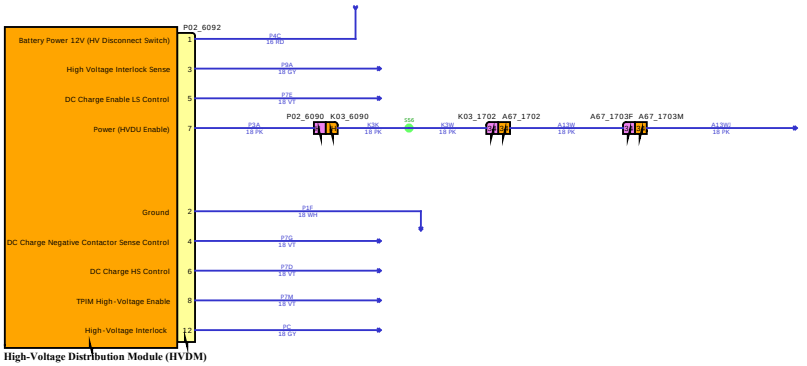


DESIGN DESCRIPTION

FEATURE CODES

SOFTWARE FEATURE CODES

Diagram1



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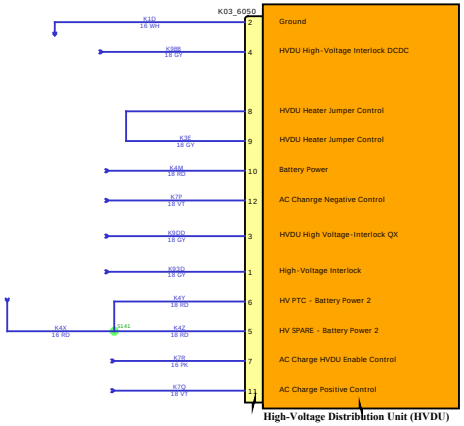

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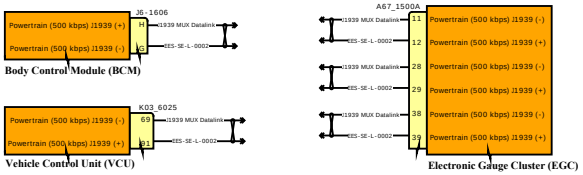

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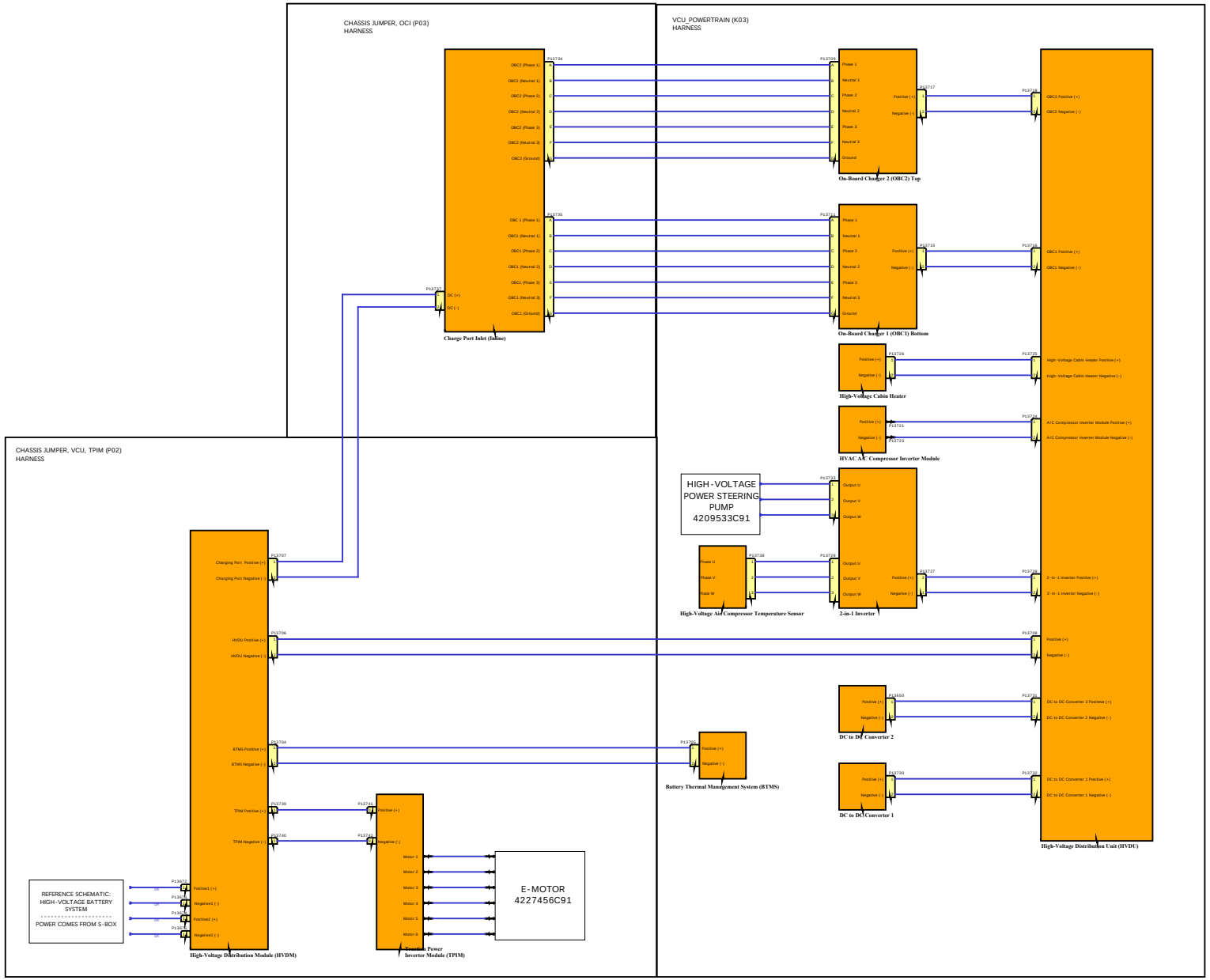
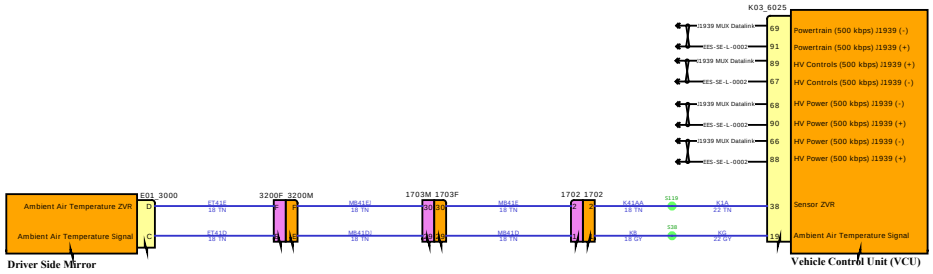
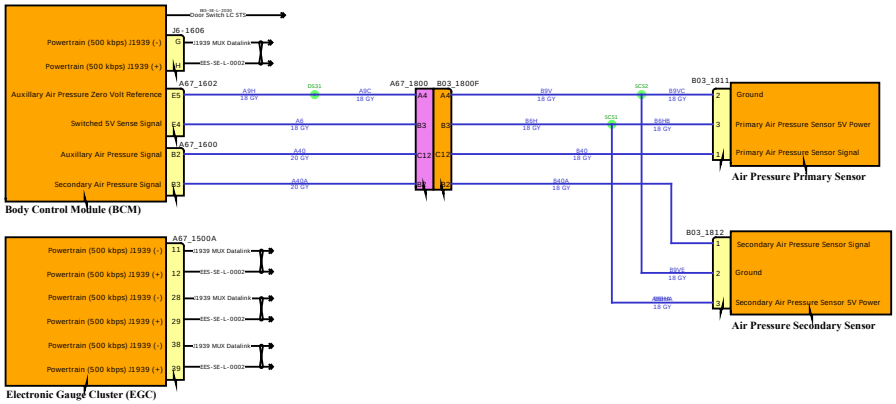

CHASSIS JUMPER, OCI (P03)
HARNESS
VCU_POWERTRAIN (K03)
HARNESS
CHASSIS JUMPER, VCU, TPIM (P02)
HARNESS
Charge Port Inlet (Inline)
On-Board Charger 2 (OBC2) Top
On-Board Charger 1 (OBC1) Bottom
High-Voltage Cabin Heater
HVAC A/C Compressor Inverter Module
HIGH - VOLTAGE POWER STEERING PUMP 4209533C91
High-Voltage Air Compressor Temperature Sensor
2-in-1 Inverter
Battery Thermal Management System (BTMS)
DC to DC Converter 2
DC to DC Converter 1
High-Voltage Distribution Unit (HVDU)
High-Voltage Distribution Module (HVDM)
Traction Power Inverter Module (TPIM)
E - MOTOR 4227456C91
REFERENCE SCHEMATIC: HIGH - VOLTAGE BATTERY SYSTEM
POWER COMES FROM S - BOX
DESIGN DESCRIPTION
FEATURE CODES
SOFTWARE FEATURE CODES

DESIGN DESCRIPTION

FEATURE CODES

SOFTWARE FEATURE CODES





DESIGN DESCRIPTION

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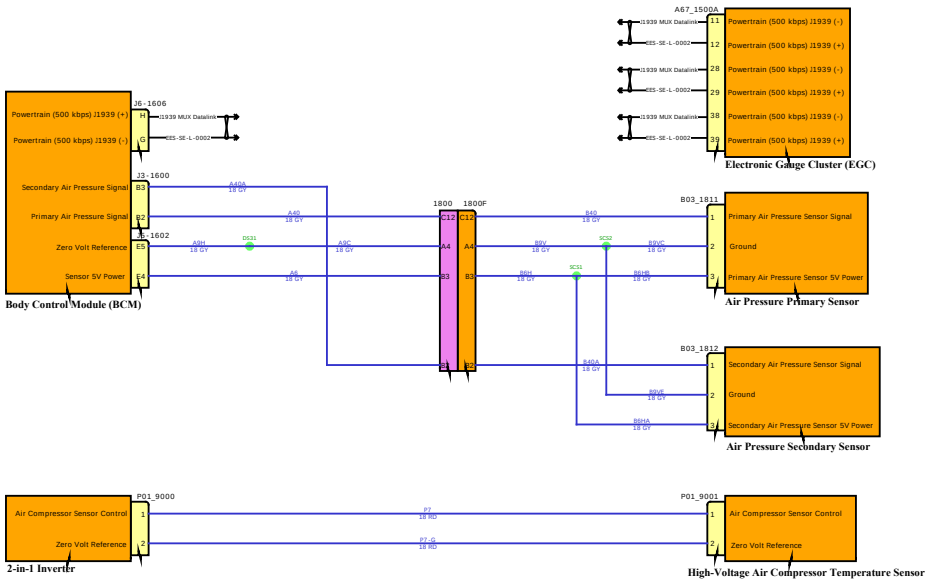

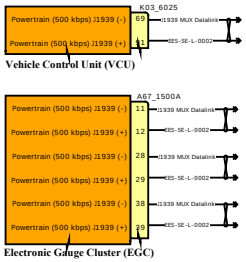

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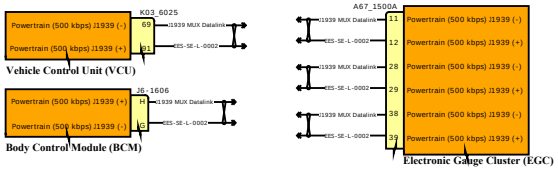

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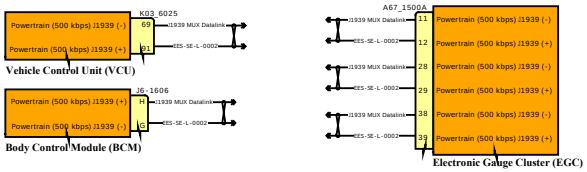

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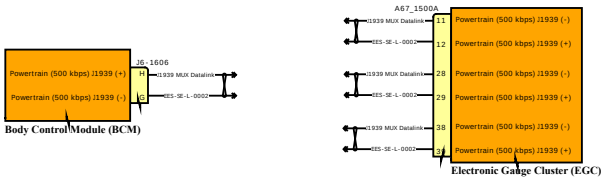

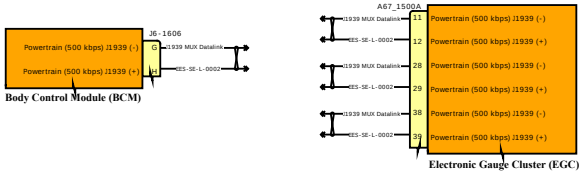

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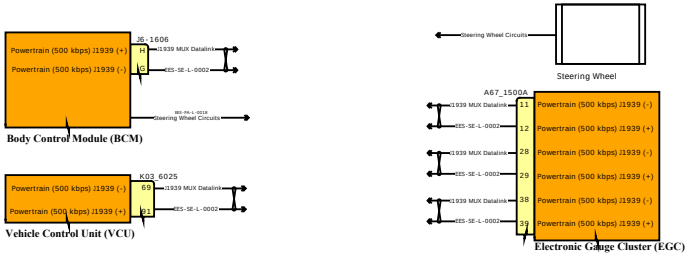

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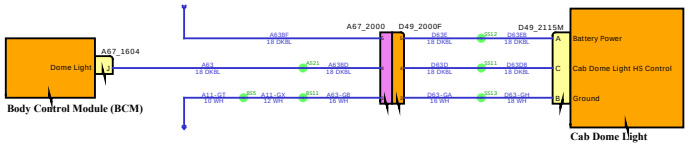
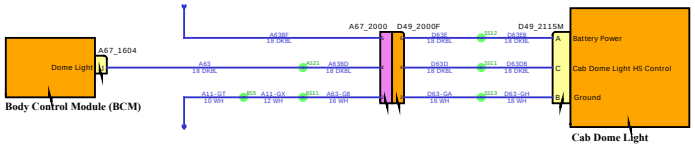


DESIGN DESCRIPTION

FEATURE CODES

SOFTWARE FEATURE CODES

Diagram1



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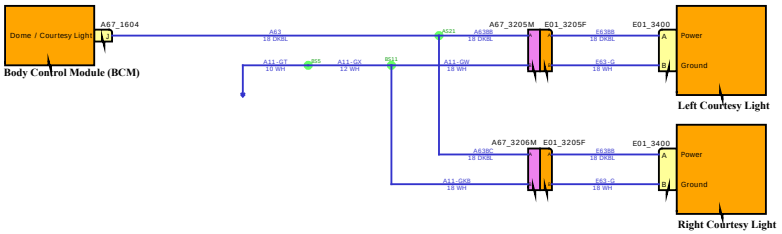

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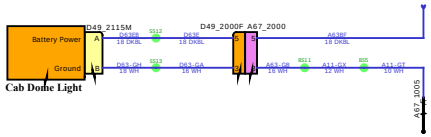

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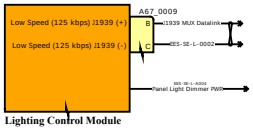

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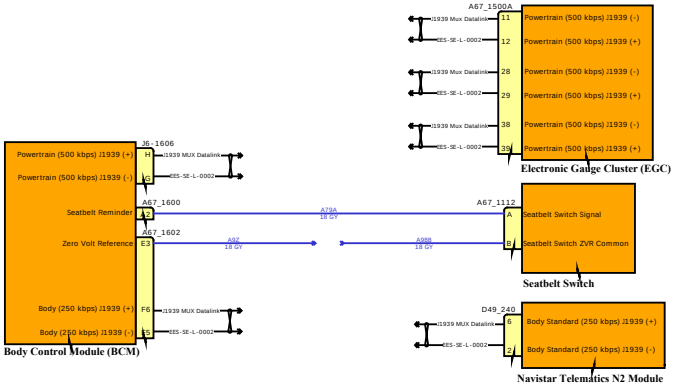

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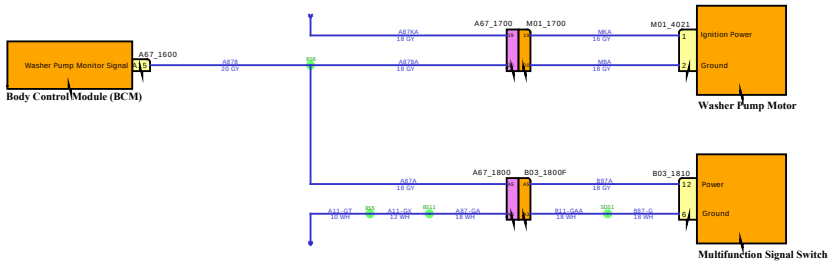
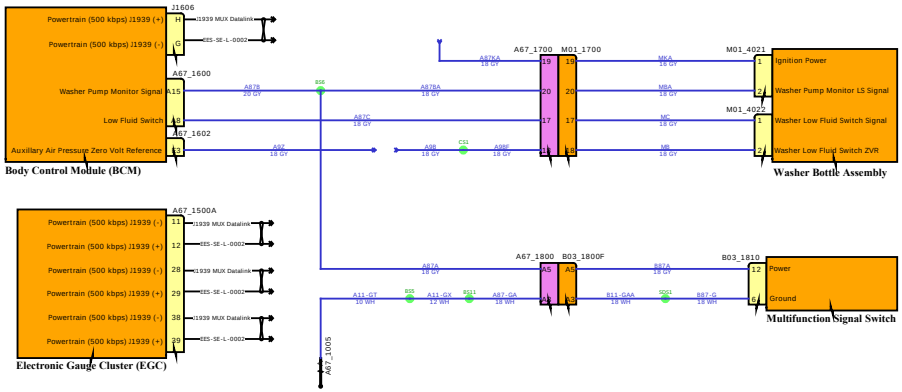


DESIGN DESCRIPTION

FEATURE CODES

SOFTWARE FEATURE CODES

Diagram1

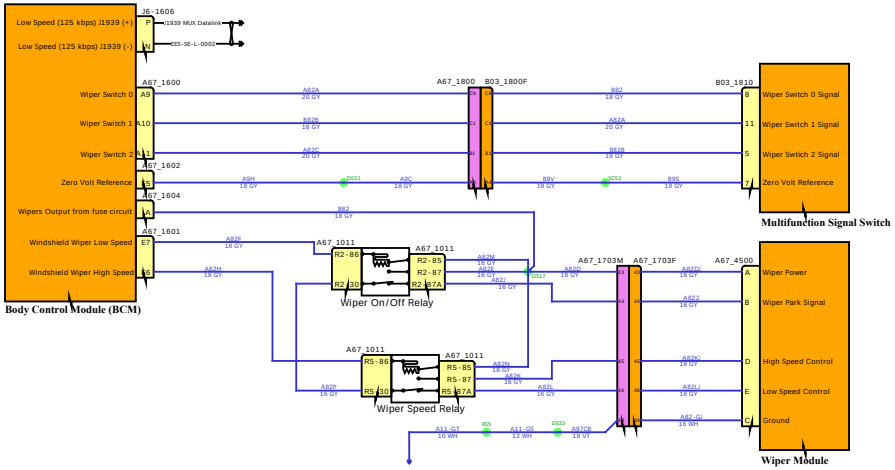


DESIGN DESCRIPTION

FEATURE CODES

SOFTWARE FEATURE CODES

Diagram1



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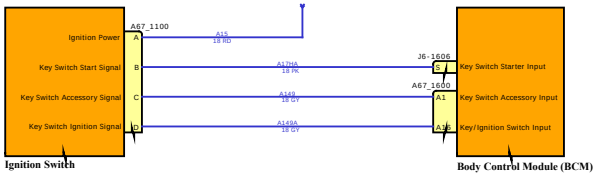

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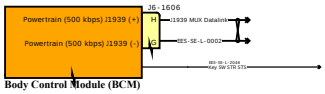

DESIGN DESCRIPTION

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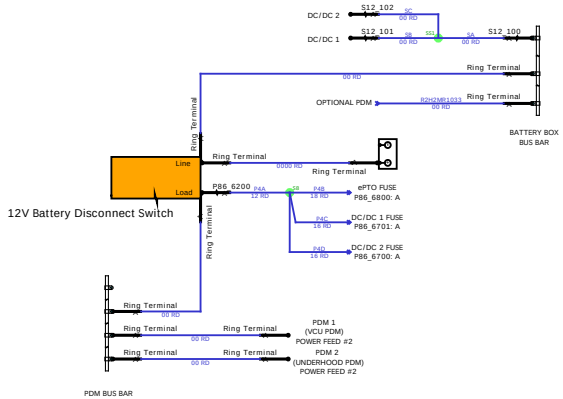


DESIGN DESCRIPTION

FEATURE CODES

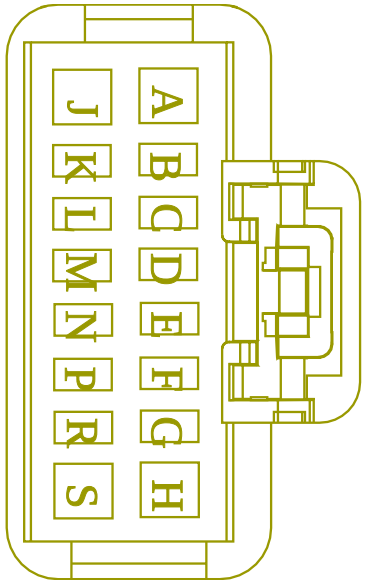
SOFTWARE FEATURE CODES

Connector Name A67_0009

Part Number 4063156C1

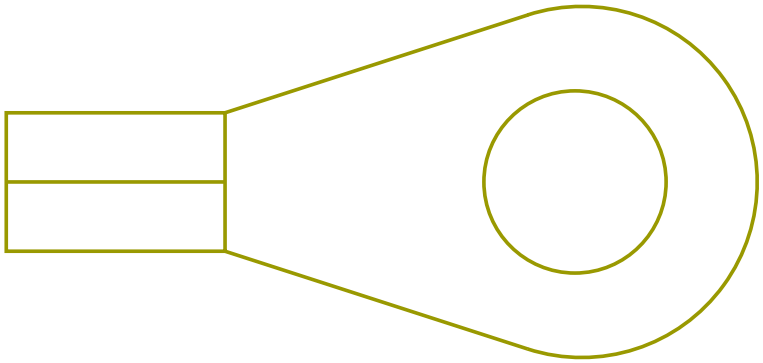
Instances Automatic Lighting W/Twilight & W/Sunload:Diagram1
Exterior Lamp Check (Horizon):Diagram1
Front Fog Lamps:Diagram1
Hazard Warning (CA 2.0):Diagram1
Headlights (LED CAN) W/O Plow Lights:Diagram1
License Plate Light (LED BOX LAMP Daisy Chain Tail Light):Diagram1
Low Speed J1939 (125Kbps):Low Speed J1939 (125Kbps)
Panel Backlighting (Cabin Dimmer):Diagram1
Park Lights (W/Marker Interrupt):Diagram1
Park Lights - N/Marker Interrupt:Diagram1
Power Windows (2-Door):Diagram1
Radio W/ Bluetooth:Diagram1
Radio W/ Bluetooth & W/ Steering Wheel Pod:Diagram1

Mates MODU-LCM-A004-00-01



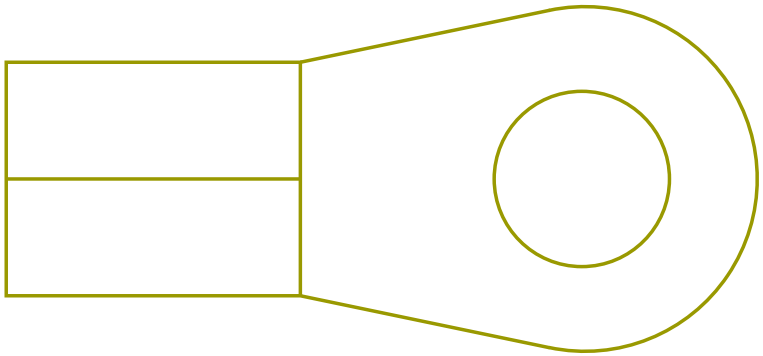
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
B	-	-	-	-	-	-	-	-	-	-	-	-
B	-	-	WIRE1647	-	0.0	-	-	-	0.0	-	PIN1	-
C	-	-	-	-	-	-	-	-	-	-	-	-
C	-	-	WIRE1648	-	0.0	-	-	-	0.0	-	PIN1	-
E	-	-	AT50B	-	0.0	22.0	-	YELLOW 2	0.0	-	2	A67_1053
L	-	-	AB62	-	0.0	18.0	-	DARK BLUE	0.0	-	PIN1	-
P	-	-	AB50	-	0.0	18.0	-	YELLOW 2	0.0	-	E11	A67_1602

Connector Name	A67_1004B
Part Number	3581768C1
Short Description	Cab Ground Stud 1004B
Instances	Interior Dual Post Ground Stud-Cowl Wall:Diagram1



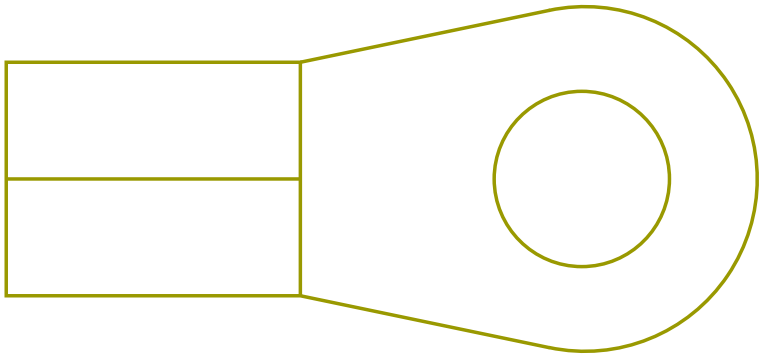
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	AA11-GKC	3510362 R1	3.01	12.0	Thin Wall XLPE Primary Cable	WHITE	855.0	-	-	-

Connector Name	A67_1004
Part Number	2015884C1
Short Description	Cab Ground Stud 1004
Instances	Interior Dual Post Ground Stud-Cowl Wall:Diagram1



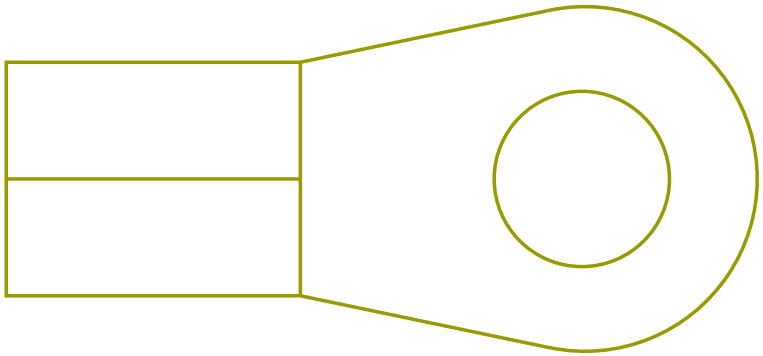
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	FA11-GAB	-	0.0	10.0	-	WHITE	0.0	-	1	-
A	-	-	FA11-GAH	-	0.0	10.0	-	WHITE	0.0	-	1	-

Connector Name	A67_1004
Part Number	2015884C1
Instances	Aux Power (USB) - 1 USB A, 1 USB C:Diagram1 - 1904 Aux Power (USB) - 1 USB A, 1 USB C:Diagram1 - 1905A Aux Power (USB) - 1 USB A, 1 USB C:Diagram1 - 1905B Aux Power (USB) - 1 USB A, 1 USB C:Diagram1 - 1905C Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1904 & 1905A Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1904 & 1905B Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1904 & 1905C Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1905A & 1905B Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1905A & 1905C Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1905B & 1905C Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1904 & 1905A & 1905B Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1904 & 1905A & 1905C Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1904 & 1905B & 1905C Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1905A & 1905B & 1905C Body Builder Aux Power (IGN Power, EOF, Blunt Cut):Diagram1 Forward Auxiliary Power Source (1 APO)(Option 1):Diagram1 - 1901A Forward Auxiliary Power Source (1 APO)(Option 1):Diagram1 - 1903 Forward Auxiliary Power Source (1 APO)(Option 1):Diagram1 - 1903B Forward Auxiliary Power Source (2 APO)(Option 1):Diagram1 - 1901A & 1903B Forward Auxiliary Power Source (2 APO)(Option 1):Diagram1 - 1903 & 1901A Forward Auxiliary Power Source (2 APO)(Option 1):Diagram1 - 1903 & 1903B Forward Auxiliary Power Source (3 APO)(Option 1):Diagram1 Vehicle Sound Generator:Diagram1



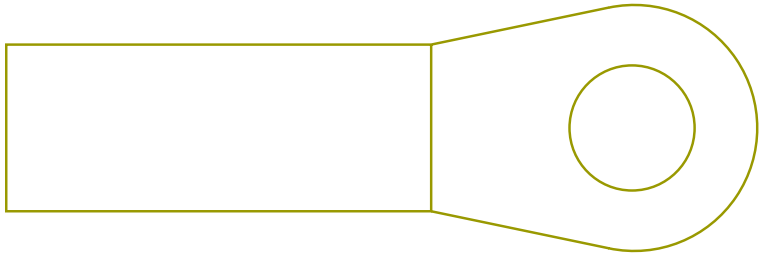
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	FA11-GAH	-	0.0	10.0	-	WHITE	0.0	-	PIN1	-

Connector Name	A67_1005A
Part Number	2015884C1
Short Description	Cab Ground Stud 1005A
Instances	Interior Dual Post Ground Stud-Cowl Wall:Diagram1 IP Ground Splice Packs 1022/1023 and 1027 Option 1:Diagram1



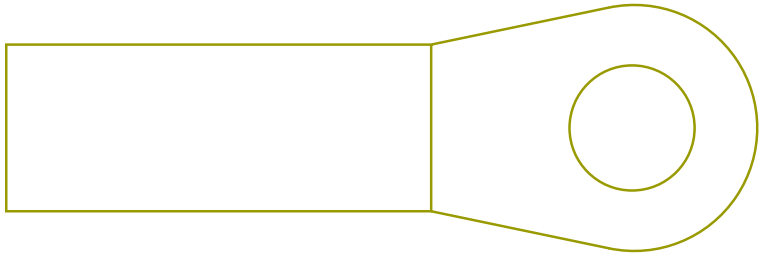
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	FB11-GKJ	2643790 R1	12.52	6.0	Std. Wall XLPE Battery Cable	WHITE	400.0	-	-	-
A	-	-	FB11-GKJ	2643790 R1	12.52	6.0	Std. Wall XLPE Battery Cable	WHITE	400.0	-	X	-

Connector Name	A67_1005
Part Number	3710088C1
Instances	CB Radio Power Only:Diagram1 Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram1 - HVAC Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC Instrument Cluster (EGC) EV:Diagram1 Interior Dual Post Ground Stud-Cowl Wall:Diagram1 Interior Task Lighting (Map Light) (CA 2.0 Standard Cab/Low Rise Sleeper):Diagram1 Over The Air Electrical I/O (OnCommand Link / N2 Module N/ Engine Diagnostic Connector):Diagram1 Windshield Washer Pump & Low Fluid Sensor (MV, CE):Diagram1



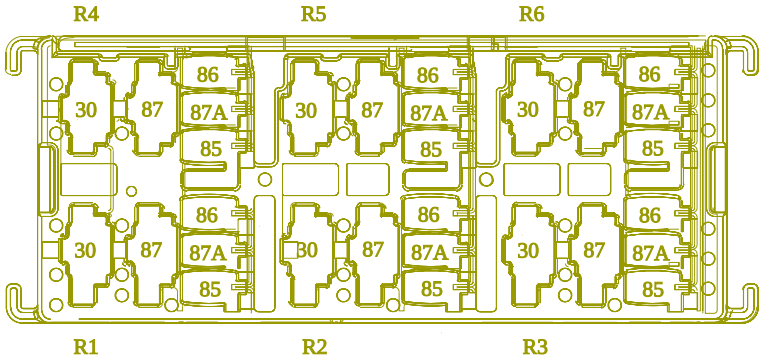
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	AD11-GT	-	0.0	10.0	-	WHITE	0.0	-	X	-
A	-	-	AD11-GT	-	0.0	10.0	-	WHITE	0.0	-	PIN1	-

Connector Name A67_1005
Part Number 3710088C1
Instances HVAC Actuators:Diagram 1



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	AD11-GT	2643788 R1	4.81	10.0	Std. Wall XLPE Primary Cable	WHITE	0.0	-	PIN1	-

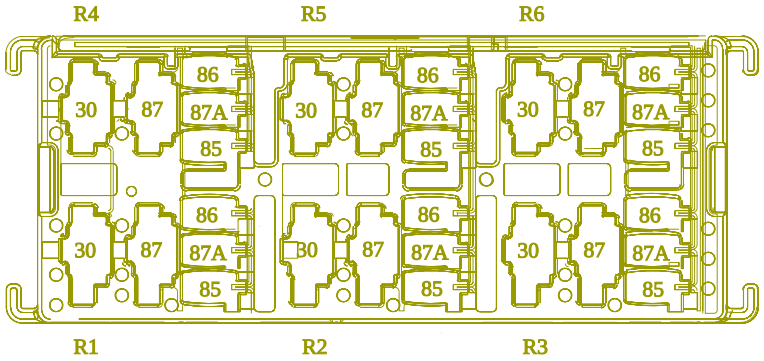
Connector Name	A67_1011
Part Number	3768010C1
Instances	Body Builder Lighting - (8HAA) (Blunt Cut):Diagram1 Windshield Wipers:Diagram1
Mates	RLY-BODY_STOP-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
R1-30	-	-	VE70J	-	0.0	12.0	-	ORANGE	0.0	-	-	-
R1-85	-	-	VE70-GT	-	0.0	18.0	-	WHITE	0.0	-	-	-
R1-86	-	-	VE70D	-	0.0	18.0	-	ORANGE	0.0	-	F15	A67_1601
R1-87	-	-	TK70T	-	0.0	12.0	-	ORANGE	0.0	-	9	A67_1701
R1-87A	-	-	-	-	-	-	-	-	-	-	-	-
R2-30	-	-	AA82P	-	0.0	16.0	-	GREY	0.0	-	R5-30	A67_1011
R2-85	-	-	AA82M	-	0.0	16.0	-	GREY	0.0	-	PIN1	-
R2-86	-	-	AA82F	-	0.0	18.0	-	GREY	0.0	-	E7	A67_1601
R2-87	-	-	AA82E	-	0.0	16.0	-	GREY	0.0	-	PIN1	-
R2-87A	-	-	AA82J	-	0.0	16.0	-	GREY	0.0	-	44	A67_1703M
R5-30	-	-	AA82P	-	0.0	16.0	-	GREY	0.0	-	R2-30	A67_1011
R5-85	-	-	AA82N	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
R5-86	-	-	AA82H	-	0.0	18.0	-	GREY	0.0	-	E6	A67_1601

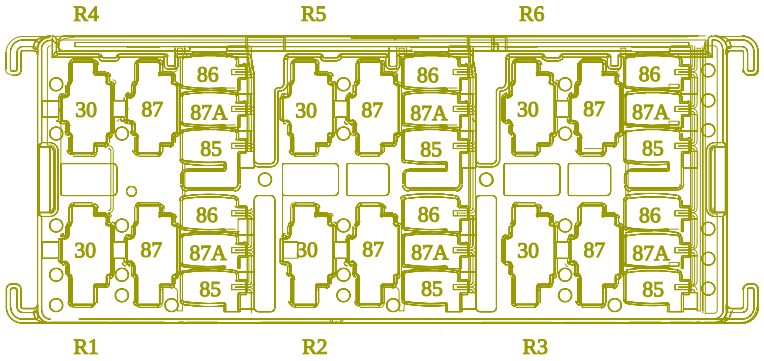
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
R5-87	-	-	AA82K	-	0.0	16.0	-	GREY	0.0	-	45	A67_1703M
R5-87A	-	-	AA82L	-	0.0	16.0	-	GREY	0.0	-	46	A67_1703M

Connector Name	A67_1012
Part Number	3768010C1
Instances	Body Builder Aux Power (IGN Power, EOF, Blunt Cut):Diagram1
Mates	RLY-AUX_BODY_BUILDER_POWER -01



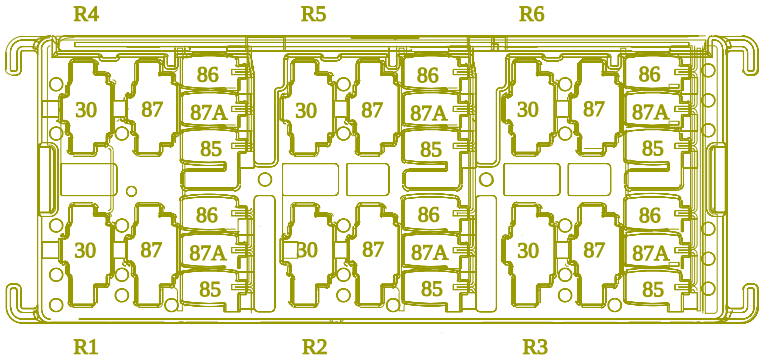
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
R1-30	-	-	VH94TV	-	0.0	12.0	-	GREY	0.0	-	-	-
R1-85	-	-	DJ13-GFF	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
R1-86	-	-	DJ13DR	-	0.0	18.0	-	PINK	0.0	-	-	-
R1-87	-	-	TE94T	-	0.0	12.0	-	GREY	0.0	-	10	A67_1701

Connector Name	A67_1012
Part Number	3768010C1
Instances	Backup Light (W/VCU) Dual Daisy Reverse Light:Diagram1
Mates	RLY-REVERSE_ALARM/LIGHT-01



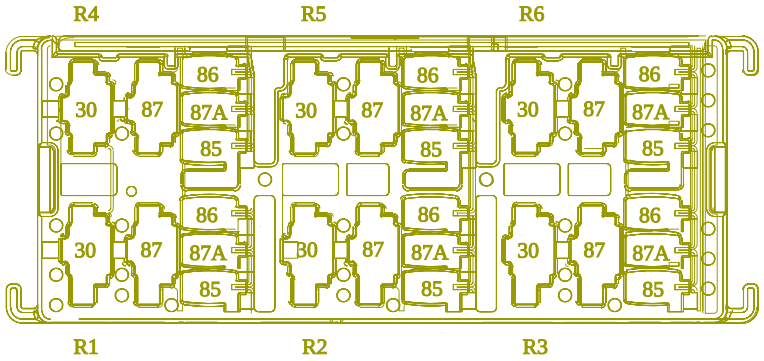
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
R2-30	-	-	ZL71C	-	0.0	18.0	-	ORANGE	0.0	-	PIN1	-
R2-85	-	-	ZL71AD	-	0.0	18.0	-	PINK	0.0	-	3	A67_1703M
R2-86	-	-	ZL71B	3510359 R1	0.79	18.0	Thin Wall XLPE Primary Cable	WHITE	3505.0	-	PIN1	-
R2-87	-	-	ZL71AC	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	1805.0	-	-	-

Connector Name	A67_1013
Part Number	3768010C1
Instances	Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Mates	RLY-HEATED_MIRROR-01



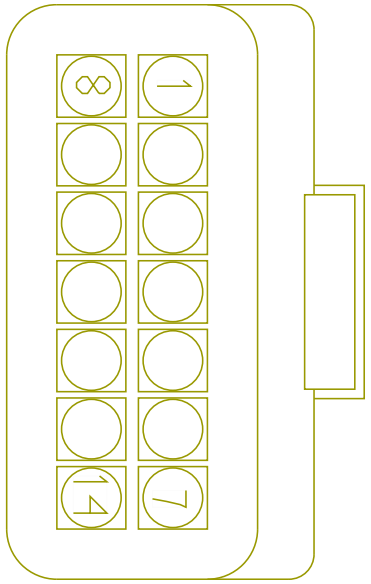
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
R1-30	-	-	RF78RP	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	490.0	-	-	-
R1-85	-	-	RF78RR	3510359 R1	0.79	18.0	Thin Wall XLPE Primary Cable	WHITE	2045.0	-	-	-
R1-86	-	-	RN78RK	-	0.0	18.0	-	LIGHT GREEN	0.0	-	X	-
R1-87	-	-	RF78	-	0.0	16.0	-	LIGHT GREEN	0.0	-	PIN1	-

Connector Name	A67_1014
Part Number	3768010C1
Instances	Mirrors (Heated) (Door Pod Actuated 2 Cab and 1 Hood Mirror Left Side Only):Diagram1 Mirrors (Heated) (Door Pod Actuated, 2 Cab and 2 Hood Mirrors):Diagram1 Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Mates	RLY-HEATED_MIRROR-02



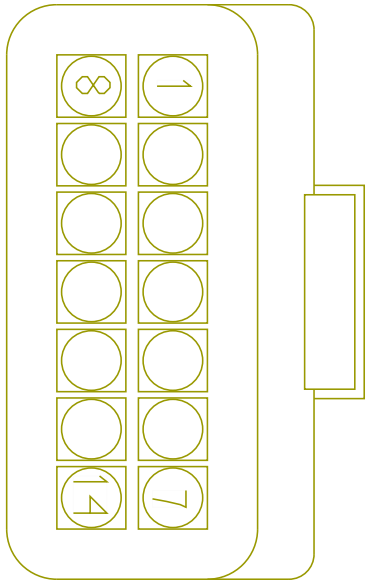
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
R6-30	-	-	RM78AA	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	0.0	-	-	-
R6-85	-	-	RM78RM	3510359 R1	0.79	18.0	Thin Wall XLPE Primary Cable	WHITE	0.0	-	-	-
R6-86	-	-	RN78RD	3510299 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	0.0	-	X	-
R6-87	-	-	RM78AB	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	0.0	-	X	-

Connector Name	A67_1022
Part Number	3613769C1
Instances	IP Ground Splice Packs 1022/1023 and 1027 Option 1:Diagram1 IP Ground Splice Packs 1022/1023 and 1027 Option 2:Diagram1
Mates	SP-Ground_1-0003-00-10-A0



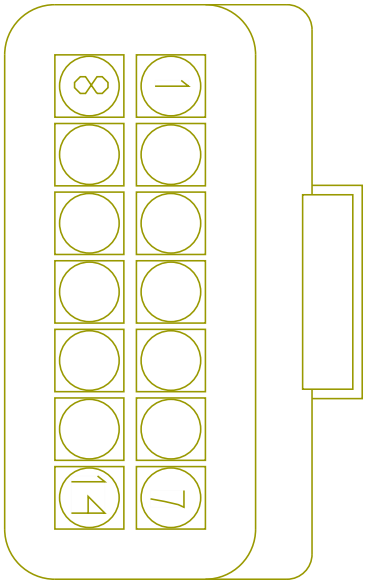
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	FB11-GBF	-	0.0	14.0	-	WHITE	0.0	-	X	-
2	-	-	AB11-GN	3510359 R1	0.79	18.0	Thin Wall XLPE Primary Cable	WHITE	625.0	-	-	-
3	-	-	RM78RM	3510359 R1	0.79	18.0	Thin Wall XLPE Primary Cable	WHITE	0.0	-	-	-
4	-	-	ER11YJ	-	0.0	18.0	-	WHITE	0.0	-	-	-
8	-	-	RF78RR	3510359 R1	0.79	18.0	Thin Wall XLPE Primary Cable	WHITE	2045.0	-	-	-
11	-	-	VE70-GT	-	0.0	18.0	-	WHITE	0.0	-	-	-

Connector Name	A67_1023
Part Number	3613769C1
Instances	IP Ground Splice Packs 1022/1023 and 1027 Option 1:Diagram1 IP Ground Splice Packs 1022/1023 and 1027 Option 2:Diagram1
Mates	SP-GROUND_2-0003-00-10-A0



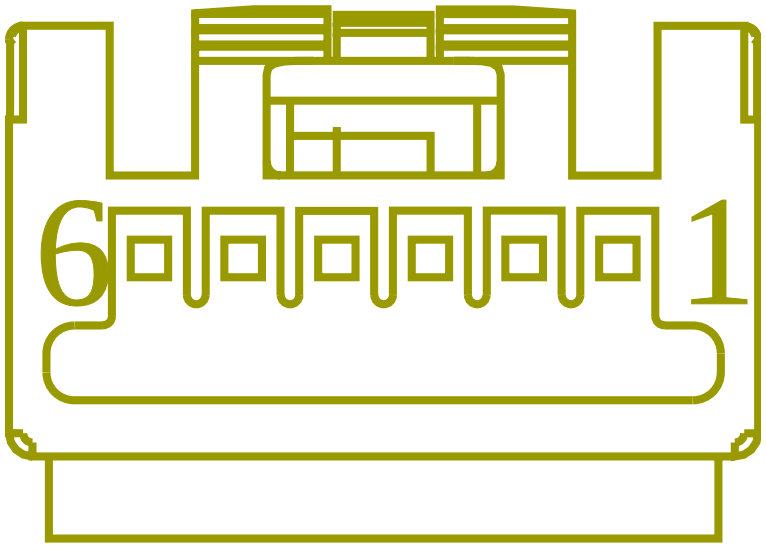
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	FB11-GCF	-	0.0	14.0	-	WHITE	0.0	-	X	-
3	-	-	UL92-GAH	3510359 R1	0.79	18.0	Thin Wall XLPE Primary Cable	WHITE	715.0	-	-	-
7	-	-	RF78-GB	-	0.0	16.0	-	WHITE	0.0	-	-	-

Connector Name	A67_1027
Part Number	3613769C1
Instances	IP Ground Splice Packs 1022/1023 and 1027 Option 1:Diagram1 IP Ground Splice Packs 1022/1023 and 1027 Option 2:Diagram1
Mates	SP-GROUND_3-0003-00-10-A0



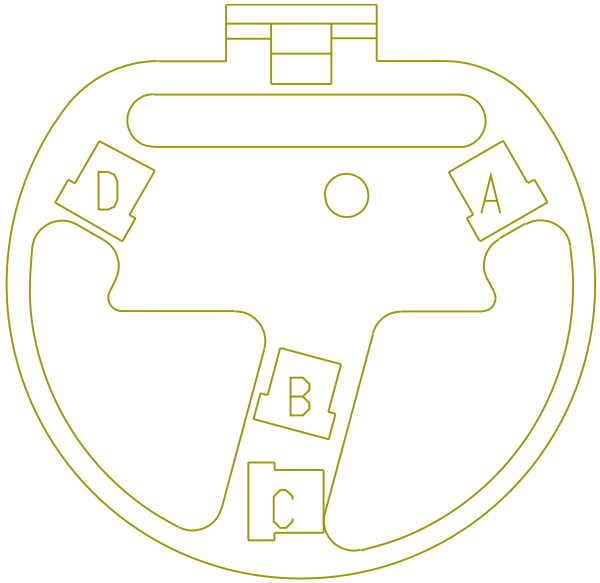
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	FB11-GCG	-	0.0	14.0	-	WHITE	0.0	-	X	-
10	-	-	AR50A	-	0.0	22.0	-	YELLOW 2	0.0	-	-	-
12	-	-	RF78-GA	-	0.0	16.0	-	WHITE	0.0	-	-	-

Connector Name	A67_1053
Part Number	4116776C1
Instances	Automatic Lighting W/Twilight & W/Sunload:Diagram1 Heating Ventilation & Air Conditioning (HVAC) (W/VCU):Diagram2 - Sensors Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram2 - Sensors
Mates	DEV-SENSOR_SUN_LOAD_TWILIG HT-02



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	ZF75D	2645643 R1	0.35	22.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	2730.0	-	4	A67_1200A
2	-	-	AT50B	-	0.0	22.0	-	YELLOW 2	0.0	-	E	A67_0009
3	-	-	ZF14SUN	2645629 R1	0.35	22.0	Thin Wall XLPE Primary Cable	RED	2890.0	-	-	-
4	-	-	AR50A	-	0.0	22.0	-	YELLOW 2	0.0	-	-	-
5	-	-	ZF75D-G	2645643 R1	0.35	22.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	2730.0	-	3	A67_1200A

Connector Name	A67_1100
Part Number	3546518C1
Instances	Operator Input (Key Switch):Diagram1
Mates	DEV-OPERATOR_KEY-01



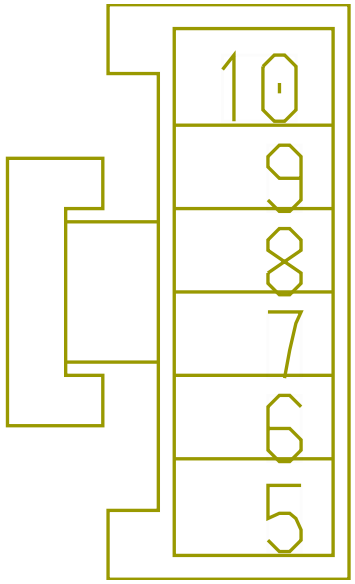
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	EB15	3510365 R1	0.79	18.0	Thin Wall XLPE Primary Cable	RED	0.0	-	-	-
B	-	-	LC17HA	-	0.0	18.0	-	PINK	0.0	-	S	J6-1606
C	-	-	EC149	-	0.0	18.0	-	GREY	0.0	-	A1	A67_1600
D	-	-	DB149A	-	0.0	18.0	-	GREY	0.0	-	A16	A67_1600

Connector Name A67_1101M

Part Number 3522071C1

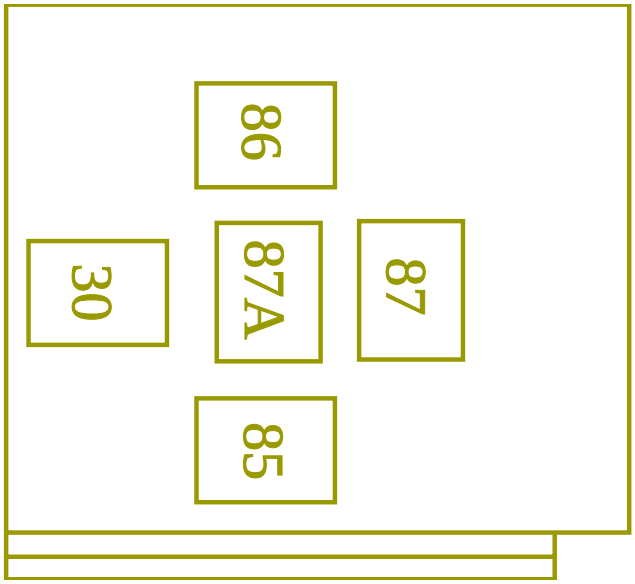
Instances Auxiliary Air Solenoids (Normally Closed):Diagram1
Electronic Logging Device (ELD) Indicator (J1939 Switchpack Indicator):Diagram1
End of Frame Aux Work Light (One Light N/Relay):Diagram1
Exterior Lamp Check (Horizon):Diagram1
Height Control (W/VCU):Diagram1
Jaw Unlock Control W/ SOLENOIDS W/SWITCH PACKS:Diagram1
Low Speed J1939 (125Kbps):Low Speed J1939 (125Kbps)
Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Power Lift Gate:Diagram1
Regenerative Braking (W/VCU):Diagram1
Theft Deterrent (Standard, J1939 Mux SW, W/VCU):Diagram1
Traction Control (Bendix, VCU):Diagram1

Mates SW-J1939_PACK-0009-00-02A



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
5	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	WIRE1649	-	0.0	-	-	-	0.0	-	PIN1	-
6	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	WIRE1650	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	A67_1102
Part Number	4243370C1
Instances	Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1 Vehicle Control Unit (VCU):Diagram1
Mates	RLY-GLOBAL_SWITCHED_POWER_ A-01



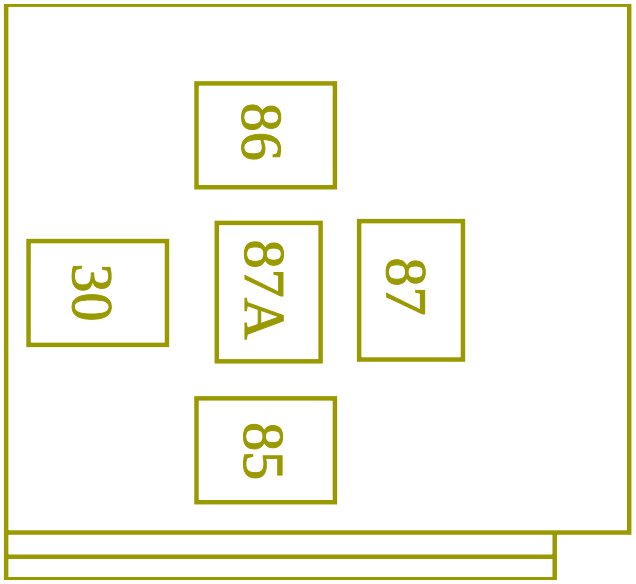
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
30	-	-	AA14AEJ	-	0.0	18.0	-	RED	0.0	-	31	A67_1703M
85	-	-	AA97AFJ	-	0.0	16.0	-	RED	0.0	-	36	A67_1703M
85	-	-	AA97AFJ	-	0.0	16.0	-	RED	0.0	-	32	A67_1703M
86	-	-	AA13VJ	-	0.0	18.0	-	PINK	0.0	-	33	A67_1703M
86	-	-	-	-	-	-	-	-	-	-	-	-
87	-	-	AA13WJ	-	0.0	18.0	-	PINK	0.0	-	34	A67_1703M
87	-	-	-	-	-	-	-	-	-	-	-	-

Connector Name A67_1103

Part Number 4243370C1

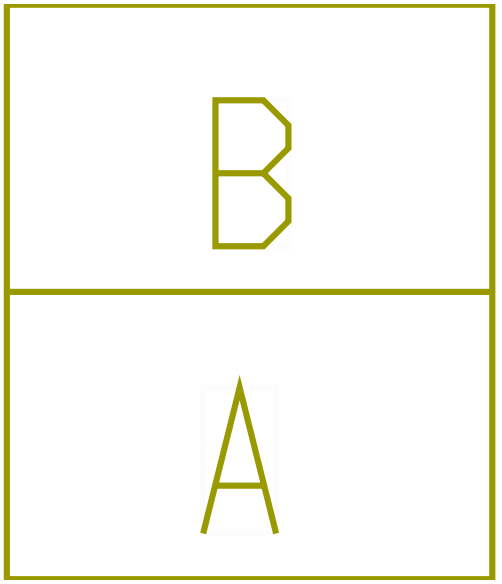
Instances Battery Thermal Management (W/VCU) BTMS:Diagram1
Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1
Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2
Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1
Engine Speed Control (ePTO):Diagram2
eVehicle Charging (W/VCU) Onboard Charging Modules:Diagram1
Heating Ventilation & Air Conditioning (HVAC) (W/VCU):Diagram1 - HVAC
Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC
Power Electronics Coolant Temperature Monitoring:Diagram1

Mates RLY-GLOBAL_SWITCHED_POWER_ B-01



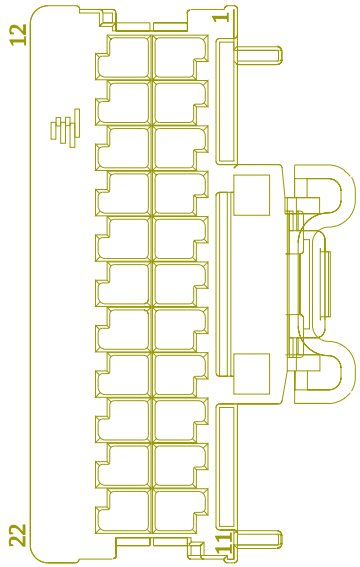
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
30	-	-	AA14AFJ	-	0.0	16.0	-	RED	0.0	-	35	A67_1703M
85	-	-	AA97AGJ	-	0.0	16.0	-	VIOLET	0.0	-	36	A67_1703M
86	-	-	AA13XJ	-	0.0	18.0	-	PINK	0.0	-	37	A67_1703M
87	-	-	AA13YJ	-	0.0	16.0	-	PINK	0.0	-	38	A67_1703M
87	-	-	AA13YJ	-	0.0	16.0	-	PINK	0.0	-	38	1703M

Connector Name	A67_1112
Part Number	1661260C1
Instances	Seatbelt Reminder (Warning)(Driver only):Diagram1
Mates	DEV-DS_SEATBELT_SWITCH-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	QI79A	-	0.0	18.0	-	GREY	0.0	-	A2	A67_1600
B	-	-	QI9BB	-	0.0	18.0	-	GREY	0.0	-	-	-

Connector Name	A67_1200A
Part Number	3768152C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram1 - HVAC Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram2 - Sensors Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram2 - Sensors
Mates	DEV-HVAC_CTRL_HEAD_AUTO-01

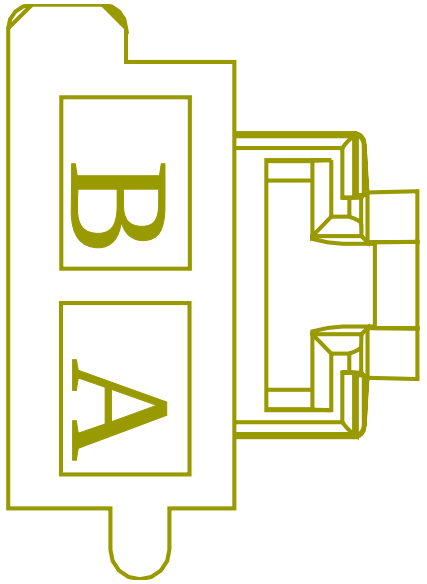


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	AA73A	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	980.0	-	PIN1	-
2	-	-	AD74-G	3510358 R1	0.53	20.0	Thin Wall XLPE Primary Cable	WHITE	1180.0	-	X	-
3	-	-	ZF75D-G	2645643 R1	0.35	22.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	2730.0	-	5	A67_1053
4	-	-	ZF75D	2645643 R1	0.35	22.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	2730.0	-	1	A67_1053

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
5	-	-	AA75B	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	P	A67_120 0E
6	-	-	TA75A	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1390.0	-	X	-
7	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	WIRE720 031	-	0.0	-	-	-	0.0	-	PIN1	-
8	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	WIRE720 033	-	0.0	-	-	-	0.0	-	PIN1	-
12	-	-	AA73B	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	980.0	-	PIN1	-
13	-	-	AD74-GA	3510358 R1	0.53	20.0	Thin Wall XLPE Primary Cable	WHITE	1180.0	-	X	-
14	-	-	ZF75TS1	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1790.0	-	2	A67_120 0F
15	-	-	ZF75TS2	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1790.0	-	1	A67_120 0F
16	-	-	ZF75TS3	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1790.0	-	4	A67_120 0F

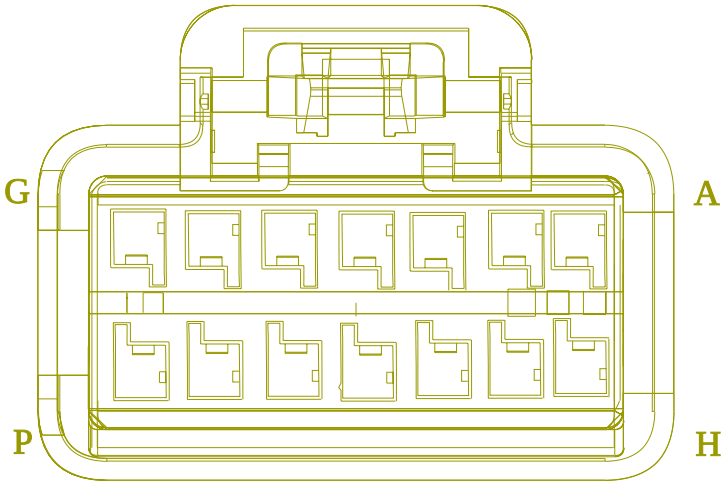
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
17	-	-	ZF75TS4	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1790.0	-	3	A67_1200F

Connector Name	A67_1200D
Part Number	4061870C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC
Mates	DEV-HEAT/EVAP-01



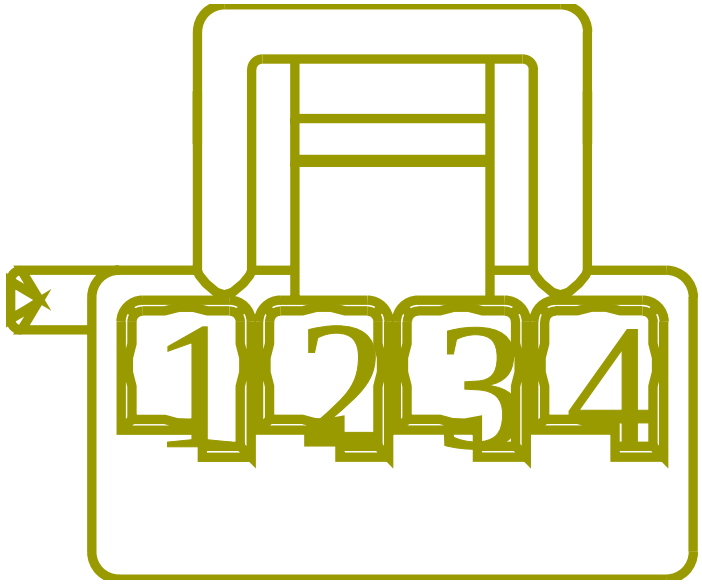
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	TA75AC	2643695 R1	3.01	12.0	Std. Wall XLPE Primary Cable	RED	3415.0	-	-	-
B	-	-	AD75-G	3510362 R1	3.01	12.0	Thin Wall XLPE Primary Cable	WHITE	2170.0	-	X	-

Connector Name	A67_1200E
Part Number	4057658C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/VCU):Diagram1 - HVAC Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC
Mates	DEV-HEAT/EVAP-01



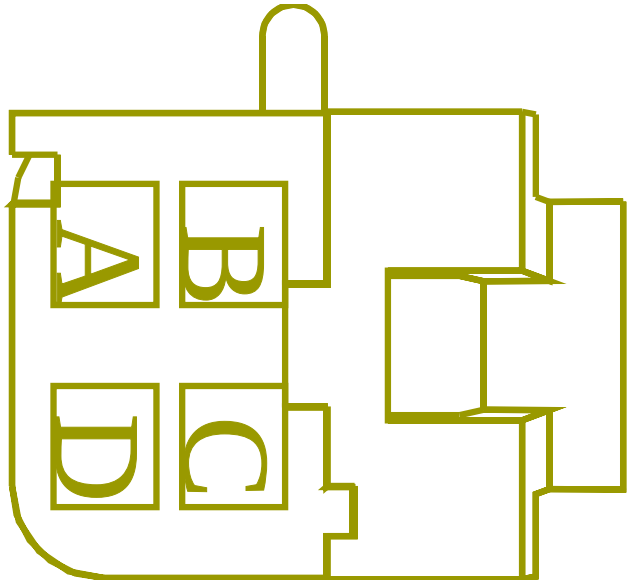
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
L	-	-	SA77D	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	2945.0	-	5	1700
L	-	-	SA77D	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	2945.0	-	5	A67_1700
M	-	-	AA75-GA	-	0.0	20.0	-	WHITE	0.0	-	7	1700
M	-	-	AA75-GA	-	0.0	20.0	-	WHITE	0.0	-	7	A67_1700
N	-	-	TA75AB	3510299 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	2000.0	-	X	-
P	-	-	AA75B	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	5	A67_1200A

Connector Name	A67_1200F
Part Number	4116508C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/VCU):Diagram2 - Sensors Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram2 - Sensors
Mates	DEV-ITOS_SNSR-01



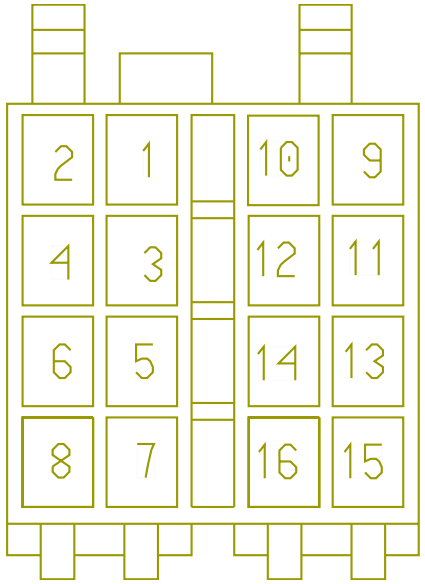
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	ZF75TS2	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1790.0	-	15	A67_1200A
2	-	-	ZF75TS1	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1790.0	-	14	A67_1200A
3	-	-	ZF75TS4	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1790.0	-	17	A67_1200A
4	-	-	ZF75TS3	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1790.0	-	16	A67_1200A

Connector Name	A67_1202
Part Number	3767197C1
Instances	Hazard Warning (CA 2.0):Diagram1
Mates	SW-HAZARD-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	AD60-G	3510359 R1	0.79	18.0	Thin Wall XLPE Primary Cable	WHITE	0.0	-	X	-
B	-	-	AB60C	-	0.0	18.0	-	ORANGE	0.0	-	PIN1	-
C	-	-	AA60A	-	0.0	18.0	-	ORANGE	0.0	-	A6	A67_1607
D	-	-	KA60B	-	0.0	18.0	-	GREY	0.0	-	X	-

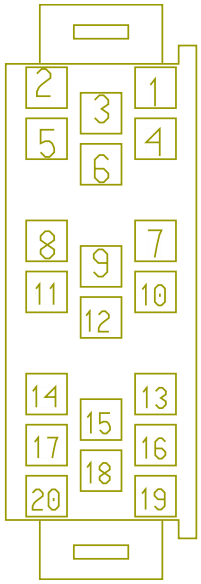
Connector Name	A67_1300
Part Number	3597143C1
Instances	Radio W/ Bluetooth:Diagram1 Radio W/ Bluetooth & W/ Steering Wheel Pod:Diagram1 Speakers: Four Speakers & N/QC:Diagram1
Mates	DEV-RADIO-03



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	EP86AE	-	0.0	18.0	-	LIGHT GREEN	0.0	-	PIN1	-
7	-	-	EP86P	-	0.0	18.0	-	LIGHT GREEN	0.0	-	-	-
8	-	-	EP86-G	-	0.0	18.0	-	WHITE	0.0	-	1	-
9	-	-	SP86DA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	C	A67_2313
10	-	-	SP86EA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	D	A67_2313
11	-	-	SQ86K	-	0.0	18.0	-	LIGHT GREEN	0.0	-	C	A67_3206M
12	-	-	SQ86L	-	0.0	18.0	-	LIGHT GREEN	0.0	-	D	A67_3206M
13	-	-	SQ86H	-	0.0	18.0	-	LIGHT GREEN	0.0	-	C	A67_3205M

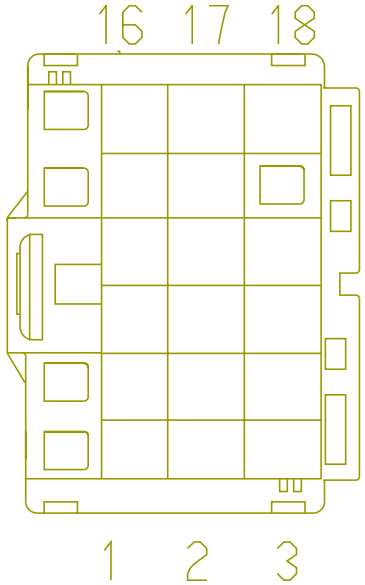
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
14	-	-	SQ86J	-	0.0	18.0	-	LIGHT GREEN	0.0	-	D	A67_3205M
15	-	-	SP86BA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	C	A67_2312
16	-	-	SP86CA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	D	A67_2312

Connector Name	A67_1301
Part Number	3600061C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Radio W/ Bluetooth:Diagram1 Radio W/ Bluetooth & W/ Steering Wheel Pod:Diagram1
Mates	DEV-RADIO-03



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
15	-	-	SR86A(+)	-	0.0	20.0	-	LIGHT GREEN	0.0	-	2	A67_2505
15	-	-	WIRE775901	-	0.0	-	-	-	0.0	-	2	A67_2505
16	-	-	SR86A(-)	-	0.0	20.0	-	LIGHT GREEN	0.0	-	1	A67_2505
16	-	-	WIRE775900	-	0.0	-	-	-	0.0	-	1	A67_2505

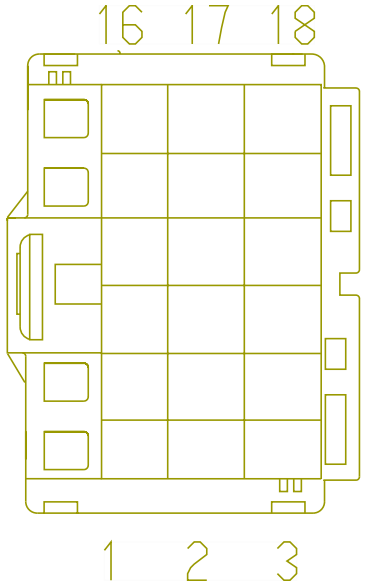
Connector Name	A67_1400
Part Number	3596926C1
Instances	Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1 Jaw Unlock Control W/ SOLENOIDS W/SWITCH PACKS:Diagram1 Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps) Rear Lights (Stop) (W/VCU) W/Daisy Chain:Diagram1 Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1 Traction Control (Bendix, VCU):Diagram1
Mates	DEV-ABS-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	XA94-GA	3510362 R1	3.01	12.0	Thin Wall XLPE Primary Cable	WHITE	0.0	-	A	A67_4081
3	-	-	XA94V	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	0.0	-	-	-
4	-	-	XB94BN	3510312 R1	1.16	16.0	Thin Wall XLPE Primary Cable	GREY	2550.0	-	15	1701
5	-	-	XB94BM	3510312 R1	1.16	16.0	Thin Wall XLPE Primary Cable	GREY	2550.0	-	14	1701
7	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	WIRE775582	-	0.0	-	-	-	0.0	-	PIN1	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
8	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	WIRE775583	-	0.0	-	-	-	0.0	-	PIN1	-
10	-	-	XA94BH	-	0.0	16.0	-	GREY	0.0	-	18	A67_1701
11	-	-	XA94BF	-	0.0	16.0	-	GREY	0.0	-	19	A67_1701
16	-	-	XA94AY	-	0.0	12.0	-	GREY	0.0	-	-	-

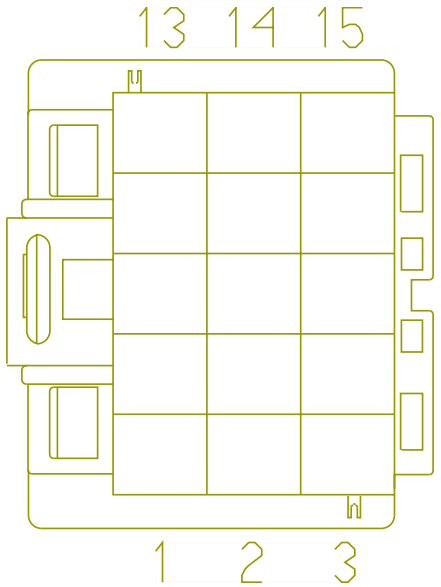
Connector Name	A67_1401
Part Number	3596929C1
Instances	Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1
Mates	DEV-ABS-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	XA94B	-	0.0	16.0	-	GREY	0.0	-	29	A67_1700
2	-	-	XA94	-	0.0	16.0	-	GREY	0.0	-	27	A67_1700
3	-	-	XA94A	-	0.0	16.0	-	GREY	0.0	-	28	A67_1700
4	-	-	XA94K	-	0.0	16.0	-	GREY	0.0	-	36	A67_1700
5	-	-	XA94C	-	0.0	16.0	-	GREY	0.0	-	30	A67_1700
6	-	-	XA94J	-	0.0	16.0	-	GREY	0.0	-	35	A67_1700
7	-	-	XA94H	-	0.0	16.0	-	GREY	0.0	-	34	A67_1700
8	-	-	XA94D	-	0.0	16.0	-	GREY	0.0	-	31	A67_1700
9	-	-	XA94BK	-	0.0	16.0	-	GREY	0.0	-	22	A67_1701
10	-	-	XA94BL	-	0.0	16.0	-	GREY	0.0	-	20	A67_1701
11	-	-	XA94E	-	0.0	16.0	-	GREY	0.0	-	32	A67_1700
12	-	-	XA94BB	-	0.0	16.0	-	GREY	0.0	-	24	A67_1701
13	-	-	XA94BJ	-	0.0	16.0	-	GREY	0.0	-	21	A67_1701
14	-	-	XA94F	-	0.0	16.0	-	GREY	0.0	-	33	A67_1700
15	-	-	XA94BE	-	0.0	16.0	-	GREY	0.0	-	16	A67_1701

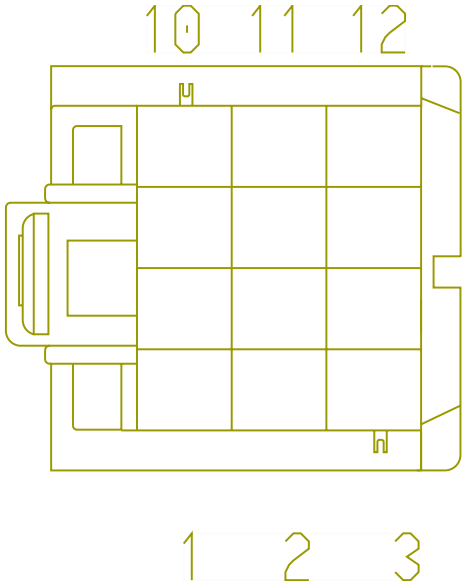
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
16	-	-	XA94BC	-	0.0	16.0	-	GREY	0.0	-	25	A67_1701
17	-	-	XA94BA	-	0.0	16.0	-	GREY	0.0	-	23	A67_1701
18	-	-	XA94BD	-	0.0	16.0	-	GREY	0.0	-	17	A67_1701

Connector Name	A67_1402
Part Number	3596928C1
Instances	Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1
Mates	DEV-ABS-01



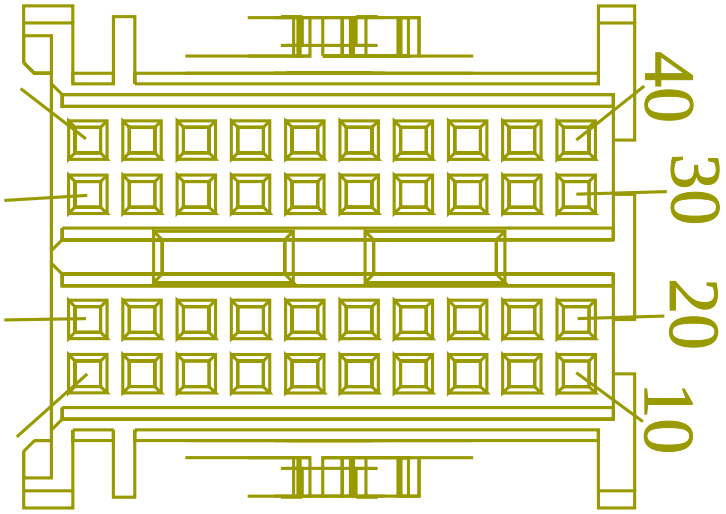
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
3	-	-	XM94SK	-	0.0	18.0	-	GREY	0.0	-	69	A67_1701
5	-	-	XL94SJ	-	0.0	16.0	-	GREY	0.0	-	49	A67_1701

Connector Name	A67_1403
Part Number	3596927C1
Instances	Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1
Mates	DEV-ABS-01



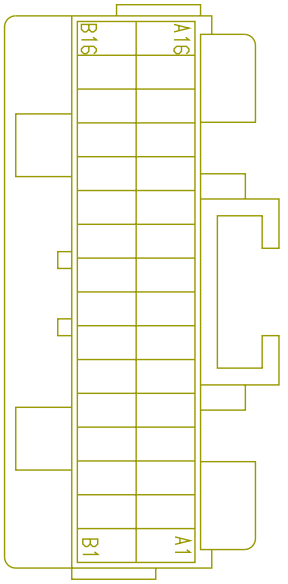
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	XH94SZ	-	0.0	18.0	-	GREY	0.0	-	C10	A67_1800
2	-	-	XL94SE	-	0.0	18.0	-	GREY	0.0	-	D5	A67_1800
4	-	-	XH94SV	-	0.0	18.0	-	GREY	0.0	-	C3	A67_1800
5	-	-	XL94SF	-	0.0	18.0	-	GREY	0.0	-	D6	A67_1800
7	-	-	XL94SDA	3510299 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1395.0	-	-	-
8	-	-	XL94SBA	-	0.0	18.0	-	GREY	0.0	-	-	-
10	-	-	XL94SCA	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1395.0	-	-	-
11	-	-	XL94SAA	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1395.0	-	-	-

Connector Name	A67_1500A
Part Number	4275140C1
Instances	Compressed Air Supply (Primary & Secondary Gauge) (Dual Air Brake System):Diagram1 Compressed Air Supply (Primary & Secondary Gauge)(W/2 in 1 Inverter):Diagram1 Coolant Level Monitoring (W/VCU):Diagram1 Coolant Temperature Monitoring (J1939 Comm, W/ VCU):Diagram1 Diagnostic Mode (Horizon):Diagram1 Directional Signals (Turn) (LED CAN) W/O Plow Lights, W/O Fender Lights:Diagram1 Door Ajar Reminder (Entry/Exit) (2 Doors):Diagram1 Engine Speed (Tachometer, W/VCU):Diagram1 Engine Warning (DM1 LAMPS - MUX):Diagram1 Exterior Lighting On Reminder:Diagram1 Headlights (LED CAN) W/O Plow Lights:Diagram1 High-Voltage Monitor:Diagram1 Instrument Cluster (EGC) EV:Diagram1 Instrument Cluster - Bulb Check:Diagram1 Jaw Unlock Control W/ SOLENOIDS W/SWITCH PACKS:Diagram1 Marker Lighting (LED CAN Headlamp) N/Plow Lts, N/Fender Lts, N/Guide Posts:Diagram1 Odometer (W/VCU):Diagram1 Over the Air Programming (OnCommand Link / N2 Module):Diagram1 Park Brake Controls (W/VCU):Diagram1 Power Lift Gate:Diagram1 Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps) Regenerative Braking (W/VCU):Diagram1 Seatbelt Reminder (Warning)(Driver only):Diagram1 Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1 Theft Deterrent (Standard, J1939 Mux SW, W/VCU):Diagram1 Traction Control (Bendix, VCU):Diagram1 Trip Odometer (W/VCU):Diagram1 Vehicle Speed Control (Cruise Control) (Steering Wheel Controls, W/VCU):Diagram1 Voltage Monitoring (Voltmeter) (Horizon):Diagram1 Windshield Washer Pump & Low Fluid Sensor (MV, CE):Diagram1



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	AD11-GKE	-	0.0	20.0	-	WHITE	0.0	-	PIN1	-
11	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	WIRE775550	-	0.0	-	-	-	0.0	-	PIN1	-
12	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	WIRE775549	-	0.0	-	-	-	0.0	-	PIN1	-
21	-	-	AA14EE	-	0.0	20.0	-	TAN	0.0	-	-	-
28	-	-	-	-	-	-	-	-	-	-	-	-
28	-	-	WIRE775571	-	0.0	-	-	-	0.0	-	PIN1	-
29	-	-	-	-	-	-	-	-	-	-	-	-
29	-	-	WIRE775570	-	0.0	-	-	-	0.0	-	PIN1	-
37	-	-	AA13EA	-	0.0	20.0	-	TAN	0.0	-	PIN1	-
38	-	-	-	-	-	-	-	-	-	-	-	-
38	-	-	WIRE775576	-	0.0	-	-	-	0.0	-	PIN1	-
39	-	-	-	-	-	-	-	-	-	-	-	-
39	-	-	WIRE775577	-	0.0	-	-	-	0.0	-	PIN1	-

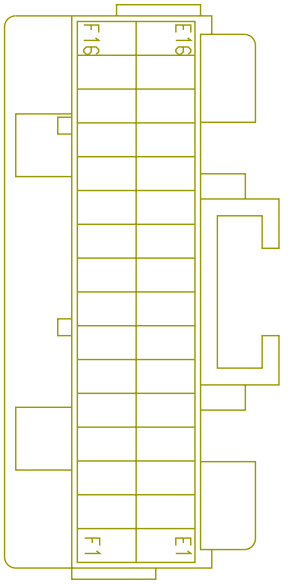
Connector Name	A67_1600
Part Number	3598706C1
Instances	Compressed Air Supply (Primary & Secondary Gauge) (Dual Air Brake System):Diagram1 Directional Signals (Turn) (LED CAN) W/O Plow Lights, W/O Fender Lights:Diagram1 Door Ajar Reminder (Entry/Exit) (2 Doors):Diagram1 Headlights (LED CAN) W/O Plow Lights:Diagram1 Operator Input (Key Switch):Diagram1 Seatbelt Reminder (Warning)(Driver only):Diagram1 Windshield Washer Pump & Low Fluid Sensor (MV, CE):Diagram1 Windshield Washer Pump W/O Low Fluid Sensor:Diagram1 Windshield Wipers:Diagram1
Mates	MODU-BCM-A000-10-00



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A1	-	-	EC149	-	0.0	18.0	-	GREY	0.0	-	C	A67_1100
A2	-	-	QI79A	-	0.0	18.0	-	GREY	0.0	-	A	A67_1112
A4	-	-	AA52D	-	0.0	20.0	-	YELLOW 2	0.0	-	A7	A67_1800
A6	-	-	AA57F	-	0.0	20.0	-	ORANGE	0.0	-	A2	A67_1800
A7	-	-	AA56F	-	0.0	20.0	-	ORANGE	0.0	-	A1	A67_1800
A8	-	-	HK87C	-	0.0	18.0	-	GREY	0.0	-	17	A67_1700
A9	-	-	AA82A	-	0.0	20.0	-	GREY	0.0	-	-	-
A10	-	-	AA82B	-	0.0	18.0	-	GREY	0.0	-	-	-
A11	-	-	AA82C	-	0.0	20.0	-	GREY	0.0	-	B1	A67_1800
A13	-	-	AA63A	-	0.0	16.0	-	LIGHT BLUE	0.0	-	PIN1	-
A14	-	-	AA102A	-	0.0	18.0	-	YELLOW 2	0.0	-	-	-
A15	-	-	HJ87B	-	0.0	20.0	-	GREY	0.0	-	PIN1	-
A16	-	-	DB149A	-	0.0	18.0	-	GREY	0.0	-	D	A67_1100

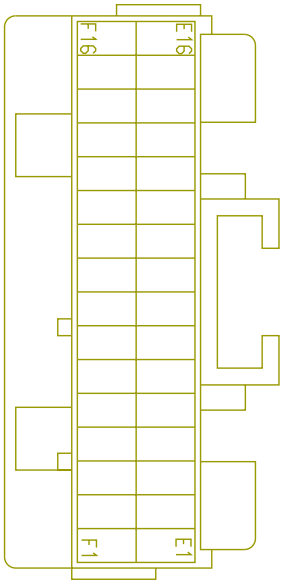
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
B2	-	-	NK40	-	0.0	20.0	-	GREY	0.0	-	C12	A67_1800
B3	-	-	NK40A	-	0.0	20.0	-	GREY	0.0	-	B2	A67_1800

Connector Name	A67_1601
Part Number	3598707C1
Instances	Body Builder Lighting - (8HAA) (Blunt Cut):Diagram1 Mirrors (Heated) (Door Pod Actuated, 2 Cab and 2 Hood Mirrors):Diagram1 Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1 Windshield Wipers:Diagram1
Mates	MODU-BCM-A000-10-00



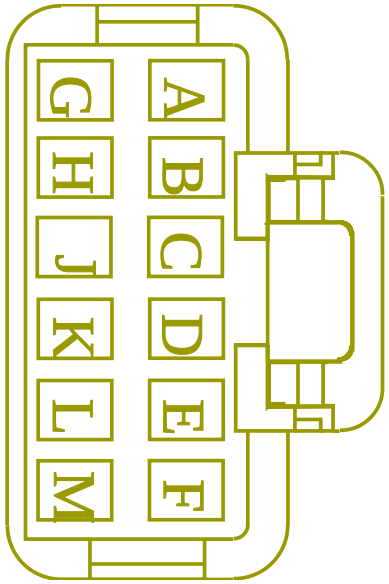
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
E6	-	-	AA82H	-	0.0	18.0	-	GREY	0.0	-	R5-86	A67_1011
E7	-	-	AA82F	-	0.0	18.0	-	GREY	0.0	-	R2-86	A67_1011
F13	-	-	RN78RC	3510299 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	0.0	-	X	-
F15	-	-	VE70D	-	0.0	18.0	-	ORANGE	0.0	-	R1-86	A67_1011

Connector Name	A67_1602
Part Number	3598705C1
Instances	Compressed Air Supply (Primary & Secondary Gauge) (Dual Air Brake System):Diagram1 Directional Signals (Turn) (LED CAN) W/O Plow Lights, W/O Fender Lights:Diagram1 Door Ajar Reminder (Entry/Exit) (2 Doors):Diagram1 Hazard Warning (CA 2.0):Diagram1 Headlights (LED CAN) W/O Plow Lights:Diagram1 Park Lights (W/Marker Interrupt):Diagram1 Park Lights - N/Marker Interrupt:Diagram1 Seatbelt Reminder (Warning)(Driver only):Diagram1 Vehicle Alarm System (Standard):Diagram1 Windshield Washer Pump & Low Fluid Sensor (MV, CE):Diagram1 Windshield Wipers:Diagram1
Mates	MODU-BCM-A000-10-00



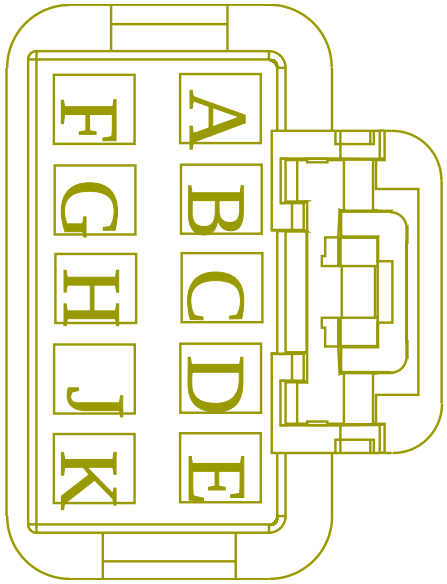
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
E3	-	-	AA9Z	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1360.0	-	-	-
E4	-	-	NK6	-	0.0	18.0	-	GREY	0.0	-	B3	A67_1800
E5	-	-	KA9H	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
E5	-	-	KA9H	-	0.0	18.0	-	GREY	0.0	-	X	-
E7	-	-	AA9F	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
E11	-	-	AB50	-	0.0	18.0	-	YELLOW 2	0.0	-	P	A67_0009
F5	-	-	-	-	-	-	-	-	-	-	-	-
F6	-	-	-	-	-	-	-	-	-	-	-	-

Connector Name	A67_1603
Part Number	3598711C1
Instances	Body Builder Lighting - (8HAA) (Blunt Cut):Diagram1 Front Fog Lamps:Diagram1
Mates	MODU-BCM-A000-10-00



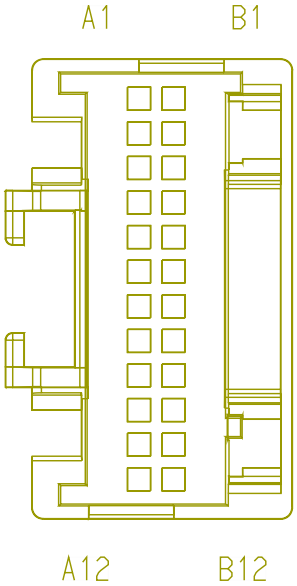
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	YU57A	-	0.0	16.0	-	ORANGE	0.0	-	-	-
B	-	-	AAD56AA	-	0.0	16.0	-	ORANGE	0.0	-	-	-
F	-	-	YJ64A	-	0.0	16.0	-	YELLOW 2	0.0	-	22	A67_1700
K	-	-	YJ64B	-	0.0	16.0	-	YELLOW 2	0.0	-	23	A67_1700

Connector Name	A67_1604
Part Number	3598710C1
Instances	Body Builder Lighting - (8HAA) (Blunt Cut):Diagram1 Cab Dome Light W/Classic Trim (MV, HV, HX):Diagram1 Cab Dome Lights (CA 2.0 Standard Cab/Low Rise Sleeper):Diagram1 Clearance and Identification Lights N/SUNSHADE AMBER LENS:Diagram1 Courtesy Step Lighting (2 Door):Diagram1 License Plate Light (LED BOX LAMP Daisy Chain Tail Light):Diagram1 Mirror Lighting (Turns N/ Door Pods):Diagram1 Mirror Lighting (Turns W/ Door Pods):Diagram1 Windshield Wipers:Diagram1
Mates	MODU-BCM-A000-10-00



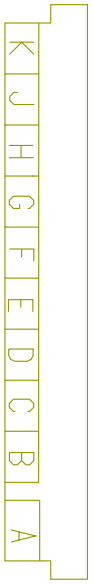
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	AA82	-	0.0	18.0	-	GREY	0.0	-	-	-
C	-	-	AAE56BA	-	0.0	16.0	-	ORANGE	0.0	-	PIN1	-
D	-	-	VE68T	-	0.0	12.0	-	BROWN	0.0	-	8	A67_1701
F	-	-	VE58D	-	0.0	12.0	-	BROWN	0.0	-	7	A67_1701
G	-	-	YP54	3510306 R1	1.16	16.0	Thin Wall XLPE Primary Cable	BROWN	0.0	-	-	-
J	-	-	WG63	-	0.0	18.0	-	DARK BLUE	0.0	-	PIN1	-
K	-	-	AAA57	-	0.0	16.0	-	ORANGE	0.0	-	PIN1	-

Connector Name	A67_1607
Part Number	3710061C1
Instances	Hazard Warning (CA 2.0):Diagram1
Mates	MODU-BCM-A000-10-00



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A6	-	-	AA60A	-	0.0	18.0	-	ORANGE	0.0	-	C	A67_1202

Connector Name	A67_1620
Part Number	2007315C1
Instances	ZVR Splice Packs 1620:Diagram1
Mates	SP-ZVR_SPLICE_PACK-B000-10 -A1



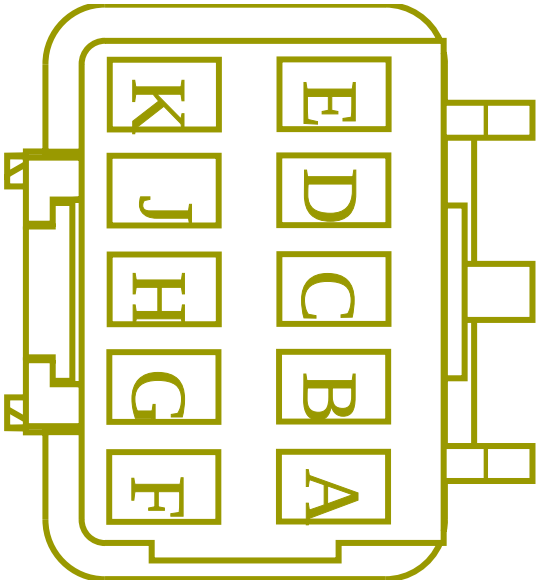
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	AA9Z	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1360.0	-	-	-
B	-	-	NA9CDC	3510310 R1	0.53	20.0	Thin Wall XLPE Primary Cable	GREY	515.0	-	-	-
C	-	-	XS9AC	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	2085.0	-	-	-
D	-	-	ME110B	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	990.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
F	-	-	AB9	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1035.0	-	-	-
F	-	-	AC9	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1080.0	-	-	-
G	-	-	KA9B	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	220.0	-	-	-
H	-	-	ND9A	3510358 R1	0.53	20.0	Thin Wall XLPE Primary Cable	WHITE	670.0	-	-	-
J	-	-	QI9BB	-	0.0	18.0	-	GREY	0.0	-	-	-
K	-	-	VU9ZF	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1035.0	-	-	-

Connector Name A67_1652

Part Number 4278598C1

Instances HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC
HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
HV Power J1939 (500Kbps):HV Power J1939 (500Kbps)



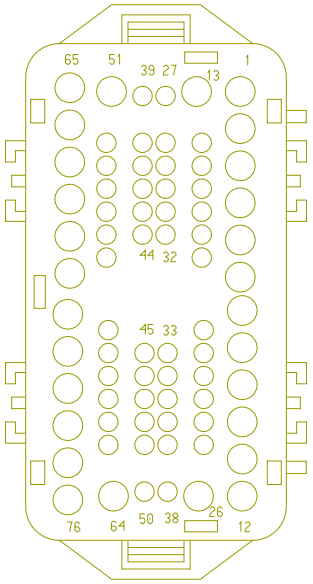
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	WIRE775720	-	0.0	-	-	-	0.0	-	10	A67_1703M
B	-	-	WIRE775601	-	0.0	-	-	-	0.0	-	12	A67_1703M
B	-	-	WIRE825053	-	0.0	-	-	-	0.0	-	12	A67_1703M
C	-	-	WIRE775908	-	0.0	-	-	-	0.0	-	7	A67_1703M
F	-	-	WIRE775719	-	0.0	-	-	-	0.0	-	11	A67_1703M
G	-	-	WIRE775599	-	0.0	-	-	-	0.0	-	13	A67_1703M
G	-	-	WIRE825052	-	0.0	-	-	-	0.0	-	13	A67_1703M
H	-	-	WIRE775904	-	0.0	-	-	-	0.0	-	8	A67_1703M

Connector Name A67_1700

Part Number 3595625C1

Instances Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1
Body Standard J1939 (250Kbps):Body Standard J1939 (250Kbps)
City Horn:Diagram1
Directional Signals (Turn) (LED CAN) W/O Plow Lights, W/O Fender Lights:Diagram1
Front Fog Lamps:Diagram1
Headlights (LED CAN) W/O Plow Lights:Diagram1
Marker Lighting (LED CAN Headlamp) N/Plow Lts, N/Fender Lts, N/Guide Posts:Diagram1
Mirrors (Heated) (Door Pod Actuated 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Mirrors (Heated) (Door Pod Actuated, 2 Cab and 2 Hood Mirrors):Diagram1
Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Vehicle Sound Generator:Diagram1
Windshield Washer Pump & Low Fluid Sensor (MV, CE):Diagram1
Windshield Washer Pump W/O Low Fluid Sensor:Diagram1

Mates M01_1700

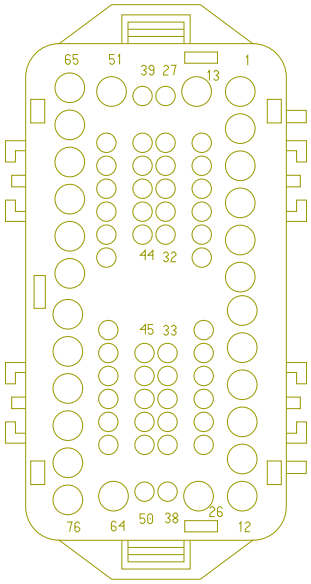


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	AP14LA	-	0.0	14.0	-	PINK	0.0	-	-	-
2	-	-	AP14RA	-	0.0	14.0	-	PINK	0.0	-	-	-
3	-	-	AP13LA	-	0.0	14.0	-	PINK	0.0	-	-	-
4	-	-	AP13RA	-	0.0	14.0	-	PINK	0.0	-	-	-
17	-	-	HK87C	-	0.0	18.0	-	GREY	0.0	-	A8	A67_1600
18	-	-	KA9BF	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
19	-	-	HJ87KA	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	2445.0	-	-	-
20	-	-	HJ87BA	-	0.0	18.0	-	GREY	0.0	-	PIN1	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
21	-	-	AA85	3510312 R1	1.16	16.0	Thin Wall XLPE Primary Cable	GREY	640.0	-	E	J2-1604
22	-	-	YJ64A	-	0.0	16.0	-	YELLOW 2	0.0	-	F	A67_1603
23	-	-	YJ64B	-	0.0	16.0	-	YELLOW 2	0.0	-	K	A67_1603
24	-	-	AA86AX	-	0.0	18.0	-	LIGHT GREEN	0.0	-	9	A67_6500
25	-	-	AA86B	-	0.0	18.0	-	WHITE	0.0	-	3	A67_6500
27	-	-	XA94	-	0.0	16.0	-	GREY	0.0	-	2	A67_1401
28	-	-	XA94A	-	0.0	16.0	-	GREY	0.0	-	3	A67_1401
29	-	-	XA94B	-	0.0	16.0	-	GREY	0.0	-	1	A67_1401
30	-	-	XA94C	-	0.0	16.0	-	GREY	0.0	-	5	A67_1401
31	-	-	XA94D	-	0.0	16.0	-	GREY	0.0	-	8	A67_1401
32	-	-	XA94E	-	0.0	16.0	-	GREY	0.0	-	11	A67_1401
33	-	-	XA94F	-	0.0	16.0	-	GREY	0.0	-	14	A67_1401
34	-	-	XA94H	-	0.0	16.0	-	GREY	0.0	-	7	A67_1401
35	-	-	XA94J	-	0.0	16.0	-	GREY	0.0	-	6	A67_1401
36	-	-	XA94K	-	0.0	16.0	-	GREY	0.0	-	4	A67_1401
37	-	-	WIRE775841	-	0.0	-	-	-	0.0	-	F	A67_250M
38	-	-	WIRE775840	-	0.0	-	-	-	0.0	-	E	A67_250M
63	-	-	RM78AC	-	0.0	16.0	-	LIGHT GREEN	0.0	-	-	-
64	-	-	RM78AC	-	0.0	16.0	-	LIGHT GREEN	0.0	-	X	-

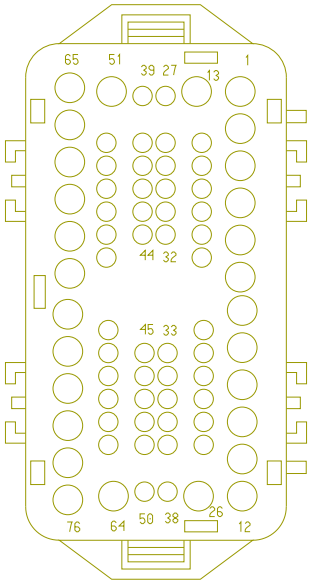
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
64	-	-	RM78AD	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	0.0	-	X	-

Connector Name	A67_1700
Part Number	3595625C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps)
Mates	M01_1700



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
5	-	-	SA77D	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	2945.0	-	L	A67_1200E
7	-	-	AA75-GA	-	0.0	20.0	-	WHITE	0.0	-	M	A67_1200E
39	-	-	WIRE775505	-	0.0	-	-	-	0.0	-	PIN1	-
40	-	-	WIRE775504	-	0.0	-	-	-	0.0	-	PIN1	-
61	-	-	WIRE775539	-	0.0	-	-	-	0.0	-	PIN1	-
62	-	-	WIRE775540	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	A67_1700
Part Number	3595625C1
Instances	HVAC Actuators:Diagram 1
Mates	M01_1700



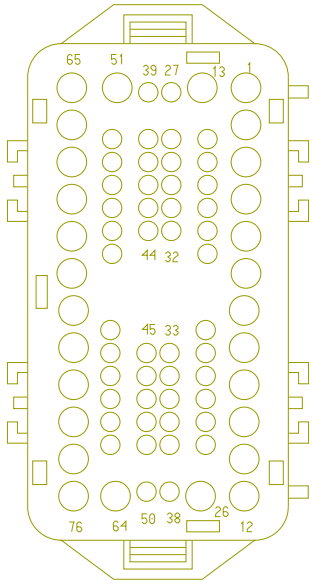
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
5	-	-	SA77D	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	2945.0	-	L	1200E
7	-	-	AA75-GA	-	0.0	20.0	-	WHITE	0.0	-	M	1200E

Connector Name A67_1701

Part Number 3595623C1

Instances Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1
Backup Alarm (From Relay to 5 Pin Daisy Chain. Backup Alarm Plugs in):Diagram1
Backup Light (W/VCU) Dual Daisy Reverse Light:Diagram1
Body Builder Aux Power (IGN Power, EOF, Blunt Cut):Diagram1
Body Builder Lighting - (8HAA) (Blunt Cut):Diagram1
License Plate Light (LED BOX LAMP Daisy Chain Tail Light):Diagram1
Rear Lights (Stop) (W/VCU) W/Daisy Chain:Diagram1
Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1
Vehicle Sound Generator:Diagram1

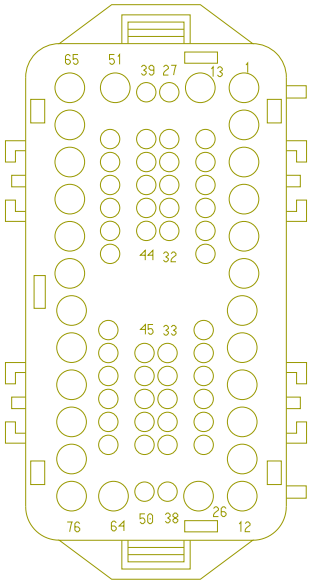
Mates N03_1701F



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	ZA71A	-	0.0	16.0	-	ORANGE	0.0	-	-	-
2	-	-	YL56CA	-	0.0	16.0	-	ORANGE	0.0	-	-	-
3	-	-	YL57AA	-	0.0	16.0	-	ORANGE	0.0	-	-	-
4	-	-	ZN68A	-	0.0	16.0	-	BROWN	0.0	-	-	-
5	-	-	AAP56T	-	0.0	16.0	-	ORANGE	0.0	-	-	-
6	-	-	AAP57T	-	0.0	16.0	-	ORANGE	0.0	-	-	-
7	-	-	VE58D	-	0.0	12.0	-	BROWN	0.0	-	F	A67_1604
8	-	-	VE68T	-	0.0	12.0	-	BROWN	0.0	-	D	A67_1604
9	-	-	TK70T	-	0.0	12.0	-	ORANGE	0.0	-	R1-87	A67_1011
10	-	-	TE94T	-	0.0	12.0	-	GREY	0.0	-	R1-87	A67_1012
16	-	-	XA94BE	-	0.0	16.0	-	GREY	0.0	-	15	A67_1401
17	-	-	XA94BD	-	0.0	16.0	-	GREY	0.0	-	18	A67_1401
18	-	-	XA94BH	-	0.0	16.0	-	GREY	0.0	-	10	A67_1400
19	-	-	XA94BF	-	0.0	16.0	-	GREY	0.0	-	11	A67_1400
20	-	-	XA94BL	-	0.0	16.0	-	GREY	0.0	-	10	A67_1401

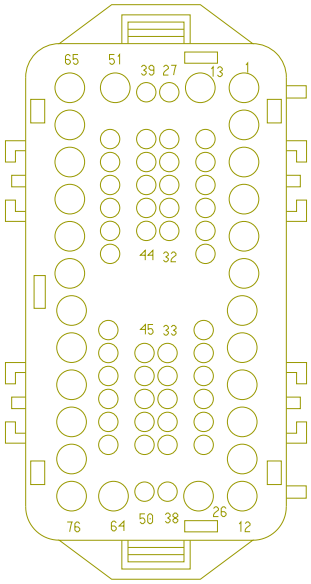
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
21	-	-	XA94BJ	-	0.0	16.0	-	GREY	0.0	-	13	A67_1401
22	-	-	XA94BK	-	0.0	16.0	-	GREY	0.0	-	9	A67_1401
23	-	-	XA94BA	-	0.0	16.0	-	GREY	0.0	-	17	A67_1401
24	-	-	XA94BB	-	0.0	16.0	-	GREY	0.0	-	12	A67_1401
25	-	-	XA94BC	-	0.0	16.0	-	GREY	0.0	-	16	A67_1401
30	-	-	AA86C	-	0.0	18.0	-	LIGHT GREEN	0.0	-	10	A67_6500
31	-	-	AA86D	-	0.0	18.0	-	WHITE	0.0	-	4	A67_6500
49	-	-	XL94SJ	-	0.0	16.0	-	GREY	0.0	-	5	A67_1402
54	-	-	XL94SA	-	0.0	20.0	-	GREY	0.0	-	-	-
55	-	-	XL94SC	3510310 R1	0.53	20.0	Thin Wall XLPE Primary Cable	GREY	0.0	-	-	-
56	-	-	XL94SB	-	0.0	20.0	-	GREY	0.0	-	-	-
57	-	-	XL94SD	3510310 R1	0.53	20.0	Thin Wall XLPE Primary Cable	GREY	0.0	-	-	-
69	-	-	XM94SK	-	0.0	18.0	-	GREY	0.0	-	3	A67_1402

Connector Name	A67_1701
Part Number	3595623C1
Instances	Power Lift Gate:Diagram1
Mates	N03_1701F



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
66	-	-	KP112	3510312 R1	1.16	16.0	Thin Wall XLPE Primary Cable	GREY	720.0	-	J	J1-1603

Connector Name A67_1701
Part Number 3595623C1
Instances End of Frame Aux Work Light (One Light N/Relay):Diagram1
Mates N03_1701F



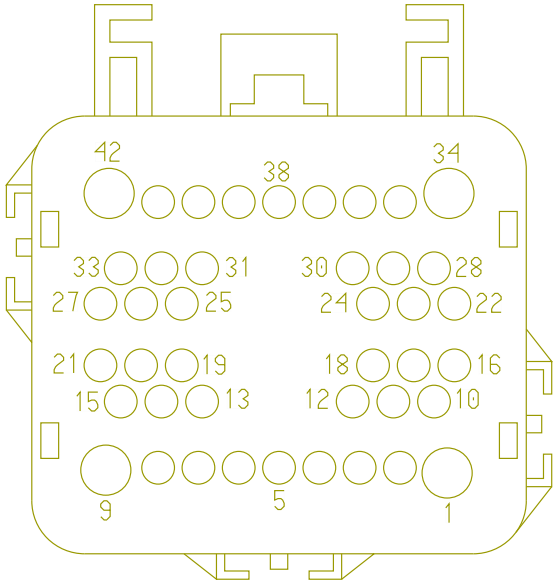
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
68	-	-	ZT65	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	0.0	-	G	J1-1603

Connector Name A67_1702

Part Number 3595621C1

Instances Backup Light (W/VCU) Dual Daisy Reverse Light:Diagram1
Battery Management System (Post 05-2022) Option 2:Diagram2
Battery Thermal Management (W/VCU) BTMS:Diagram1
Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps)
Charge Port Monitoring OCI System:Diagram1
Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1
eVehicle Charging (W/VCU) Onboard Charging Modules:Diagram1
High-Voltage Distribution Module (HVDM):Diagram1
HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC
HV Power J1939 (500Kbps):HV Power J1939 (500Kbps)
Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1
Power Electronics Coolant Temperature Monitoring:Diagram1
Powertrain Ground Distribution:Diagram1
Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps)
Service Brake Switch (2 SLS/ 1 Transducer/ 2 RDS to VCU):Diagram1
Vehicle Control Unit (VCU):Diagram1

Mates K03_1702

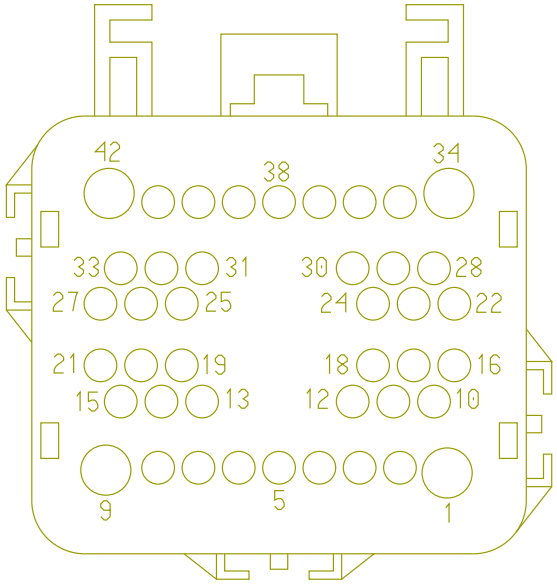


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
2	-	-	MA97HA	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	0.0	-	2	A67_1703F
3	-	-	ZL71AE	-	0.0	18.0	-	PINK	0.0	-	3	A67_1703F
4	-	-	AA101BB	-	0.0	18.0	-	TAN	0.0	-	4	A67_1703F
5	-	-	AA14XB	-	0.0	16.0	-	RED	0.0	-	5	A67_1703F

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
6	-	-	WIRE775514	-	0.0	-	-	-	0.0	-	6	A67_1703F
7	-	-	WIRE775909	-	0.0	-	-	-	0.0	-	7	A67_1703F
8	-	-	WIRE775905	-	0.0	-	-	-	0.0	-	8	A67_1703F
10	-	-	WIRE775718	-	0.0	-	-	-	0.0	-	10	A67_1703F
11	-	-	WIRE775717	-	0.0	-	-	-	0.0	-	11	A67_1703F
12	-	-	WIRE775618	-	0.0	-	-	-	0.0	-	12	A67_1703F
13	-	-	WIRE775617	-	0.0	-	-	-	0.0	-	13	A67_1703F
14	-	-	WIRE775560	-	0.0	-	-	-	0.0	-	14	A67_1703F
15	-	-	WIRE775559	-	0.0	-	-	-	0.0	-	15	A67_1703F
19	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	WIRE775515	-	0.0	-	-	-	0.0	-	21	A67_1703F
22	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	AA10E	-	0.0	18.0	-	WHITE	0.0	-	23	A67_1703F
28	-	-	WA101AA	-	0.0	18.0	-	GREY	0.0	-	28	A67_1703F
31	-	-	AA14AP	-	0.0	18.0	-	RED	0.0	-	31	A67_1703F
32	-	-	AA97AFF	-	0.0	16.0	-	RED	0.0	-	32	A67_1703F
33	-	-	AA13V	-	0.0	18.0	-	PINK	0.0	-	33	A67_1703F

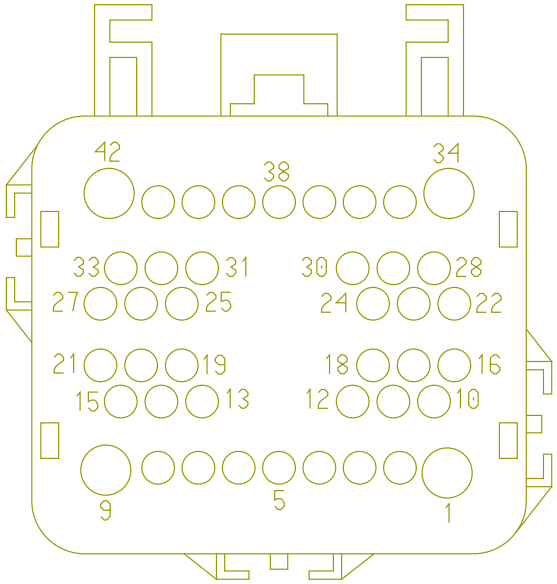
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
34	-	-	AA13W	-	0.0	18.0	-	PINK	0.0	-	34	A67_1703F
35	-	-	AA14AR	-	0.0	18.0	-	PINK	0.0	-	35	A67_1703F
36	-	-	AA97AGG	-	0.0	16.0	-	VIOLET	0.0	-	36	A67_1703F
37	-	-	AA13X	-	0.0	18.0	-	PINK	0.0	-	37	A67_1703F
38	-	-	AA13Y	-	0.0	16.0	-	PINK	0.0	-	38	A67_1703F

Connector Name	A67_1702
Part Number	3595621C1
Instances	Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1 Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2 Engine Speed Control (ePTO):Diagram2 HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1
Mates	K13_1702



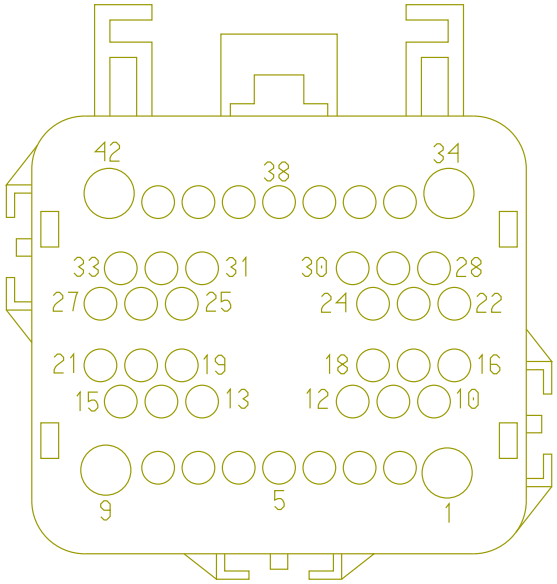
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
12	-	-	WIRE825055	-	0.0	-	-	-	0.0	-	12	A67_1703F
13	-	-	WIRE825054	-	0.0	-	-	-	0.0	-	13	A67_1703F
31	-	-	AA14AP	-	0.0	18.0	-	RED	0.0	-	31	A67_1703F
32	-	-	AA97AFF	-	0.0	16.0	-	RED	0.0	-	32	A67_1703F
33	-	-	AA13V	-	0.0	18.0	-	PINK	0.0	-	33	A67_1703F
34	-	-	AA13W	-	0.0	18.0	-	PINK	0.0	-	34	A67_1703F
38	-	-	AA13Y	-	0.0	16.0	-	PINK	0.0	-	38	A67_1703F

Connector Name	A67_1702
Part Number	3595621C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram2 Charge Port Monitoring OCI System (Rev 2):Diagram1
Mates	K08_1702



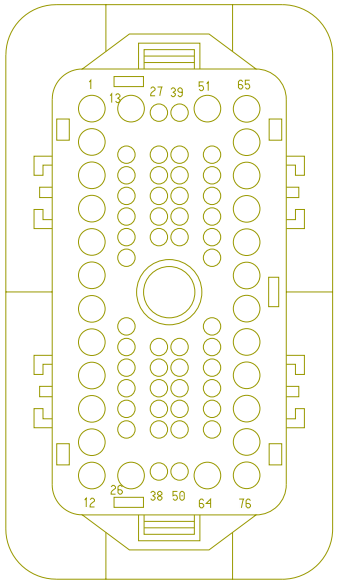
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
2	-	-	MA97HA	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	0.0	-	2	A67_1703F
5	-	-	AA14XB	-	0.0	16.0	-	RED	0.0	-	5	A67_1703F

Connector Name	A67_1702
Part Number	3595621C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	K07_1702



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	UL23MA	-	0.0	12.0	-	RED	0.0	-	1	A67_1703F
9	-	-	AA10V	-	0.0	18.0	-	RED	0.0	-	9	A67_1703F
38	-	-	AA13Y	-	0.0	16.0	-	PINK	0.0	-	38	A67_1703F

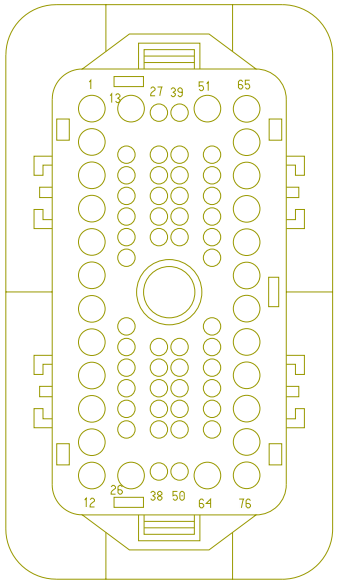
Connector Name	A67_1703F
Part Number	3595624C1
Instances	Backup Light (W/VCU) Dual Daisy Reverse Light:Diagram1 Battery Management System (Post 05-2022) Option 1:Diagram2 Battery Management System (Post 05-2022) Option 2:Diagram2 Battery Thermal Management (W/VCU) BTMS:Diagram1 Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Charge Port Monitoring OCI System:Diagram1 Charge Port Monitoring OCI System (Rev 2):Diagram1 Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1 Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2 Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1 Engine Speed Control (ePTO):Diagram2 eVehicle Charging (W/VCU) Onboard Charging Modules:Diagram1 High-Voltage Distribution Module (HVDM):Diagram1 HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1 HV Power J1939 (500Kbps):HV Power J1939 (500Kbps) Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1 Power Electronics Coolant Temperature Monitoring:Diagram1 Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps) Service Brake Switch (2 SLS/ 1 Transducer/ 2 RDS to VCU):Diagram1 Vehicle Control Unit (VCU):Diagram1 Windshield Wipers:Diagram1
Mates	A67_1703M



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
2	-	-	MA97HA	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	0.0	-	2	A67_1702
3	-	-	ZL71AE	-	0.0	18.0	-	PINK	0.0	-	3	A67_1702
4	-	-	AA101BB	-	0.0	18.0	-	TAN	0.0	-	4	A67_1702
5	-	-	AA14XB	-	0.0	16.0	-	RED	0.0	-	5	A67_1702
6	-	-	WIRE775514	-	0.0	-	-	-	0.0	-	6	A67_1702
7	-	-	WIRE775909	-	0.0	-	-	-	0.0	-	7	A67_1702
8	-	-	WIRE775905	-	0.0	-	-	-	0.0	-	8	A67_1702
10	-	-	WIRE775718	-	0.0	-	-	-	0.0	-	10	A67_1702
11	-	-	WIRE775717	-	0.0	-	-	-	0.0	-	11	A67_1702
12	-	-	WIRE775618	-	0.0	-	-	-	0.0	-	12	A67_1702
12	-	-	WIRE825055	-	0.0	-	-	-	0.0	-	12	A67_1702
13	-	-	WIRE775617	-	0.0	-	-	-	0.0	-	13	A67_1702
13	-	-	WIRE825054	-	0.0	-	-	-	0.0	-	13	A67_1702
14	-	-	WIRE775560	-	0.0	-	-	-	0.0	-	14	A67_1702
15	-	-	WIRE775559	-	0.0	-	-	-	0.0	-	15	A67_1702
21	-	-	WIRE775515	-	0.0	-	-	-	0.0	-	21	A67_1702
23	-	-	AA10E	-	0.0	18.0	-	WHITE	0.0	-	23	A67_1702

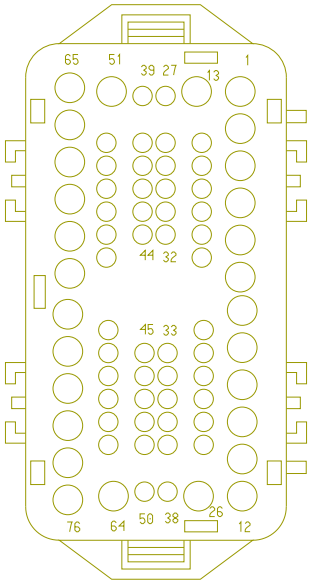
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
28	-	-	WA101AA	-	0.0	18.0	-	GREY	0.0	-	28	A67_1702
31	-	-	AA14AP	-	0.0	18.0	-	RED	0.0	-	31	A67_1702
32	-	-	AA97AFF	-	0.0	16.0	-	RED	0.0	-	32	A67_1702
33	-	-	AA13V	-	0.0	18.0	-	PINK	0.0	-	33	A67_1702
34	-	-	AA13W	-	0.0	18.0	-	PINK	0.0	-	34	A67_1702
35	-	-	AA14AR	-	0.0	18.0	-	PINK	0.0	-	35	A67_1702
36	-	-	AA97AGG	-	0.0	16.0	-	VIOLET	0.0	-	36	A67_1702
37	-	-	AA13X	-	0.0	18.0	-	PINK	0.0	-	37	A67_1702
38	-	-	AA13Y	-	0.0	16.0	-	PINK	0.0	-	38	A67_1702
43	-	-	AA82DJ	-	0.0	16.0	-	GREY	0.0	-	A	A67_4500
44	-	-	AA82JJ	-	0.0	16.0	-	GREY	0.0	-	B	A67_4500
45	-	-	AA82KJ	-	0.0	16.0	-	GREY	0.0	-	D	A67_4500
46	-	-	AA82LJ	-	0.0	16.0	-	GREY	0.0	-	E	A67_4500
49	-	-	AA82-GJ	-	0.0	16.0	-	WHITE	0.0	-	C	A67_4500

Connector Name	A67_1703F
Part Number	3595624C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	A67_1703M



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	UL23MA	-	0.0	12.0	-	RED	0.0	-	1	A67_1702
9	-	-	AA10V	-	0.0	18.0	-	RED	0.0	-	9	A67_1702
38	-	-	AA13Y	-	0.0	16.0	-	PINK	0.0	-	38	A67_1702

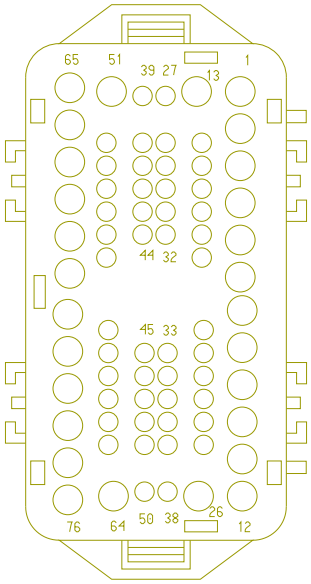
Connector Name	A67_1703M
Part Number	3595625C1
Instances	Backup Light (W/VCU) Dual Daisy Reverse Light:Diagram1 Battery Management System (Post 05-2022) Option 1:Diagram2 Battery Management System (Post 05-2022) Option 2:Diagram2 Battery Thermal Management (W/VCU) BTMS:Diagram1 Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Charge Port Monitoring OCI System:Diagram1 Charge Port Monitoring OCI System (Rev 2):Diagram1 Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1 Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2 Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1 Engine Speed Control (ePTO):Diagram2 eVehicle Charging (W/VCU) Onboard Charging Modules:Diagram1 High-Voltage Distribution Module (HVDM):Diagram1 HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1 HV Power J1939 (500Kbps):HV Power J1939 (500Kbps) Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1 Power Electronics Coolant Temperature Monitoring:Diagram1 Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps) Service Brake Switch (2 SLS/ 1 Transducer/ 2 RDS to VCU):Diagram1 Vehicle Control Unit (VCU):Diagram1 Windshield Wipers:Diagram1
Mates	A67_1703F



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
2	-	-	AA97H	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	0.0	-	-	-
3	-	-	ZL71AD	-	0.0	18.0	-	PINK	0.0	-	R2-85	A67_1012
4	-	-	AA101BJ	-	0.0	18.0	-	TAN	0.0	-	D1	1800
5	-	-	AA14XA	-	0.0	16.0	-	RED	0.0	-	-	-
6	-	-	WIRE775512	-	0.0	-	-	-	0.0	-	PIN1	-
7	-	-	WIRE775908	-	0.0	-	-	-	0.0	-	C	A67_1652
8	-	-	WIRE775904	-	0.0	-	-	-	0.0	-	H	A67_1652
10	-	-	WIRE775720	-	0.0	-	-	-	0.0	-	A	A67_1652
11	-	-	WIRE775719	-	0.0	-	-	-	0.0	-	F	A67_1652
12	-	-	WIRE775601	-	0.0	-	-	-	0.0	-	B	A67_1652
12	-	-	WIRE825053	-	0.0	-	-	-	0.0	-	B	A67_1652
13	-	-	WIRE775599	-	0.0	-	-	-	0.0	-	G	A67_1652
13	-	-	WIRE825052	-	0.0	-	-	-	0.0	-	G	A67_1652
14	-	-	WIRE775585	-	0.0	-	-	-	0.0	-	PIN1	-
15	-	-	WIRE775584	-	0.0	-	-	-	0.0	-	PIN1	-
21	-	-	WIRE775513	-	0.0	-	-	-	0.0	-	PIN1	-
23	-	-	AA10EJ	-	0.0	18.0	-	WHITE	0.0	-	D2	1800

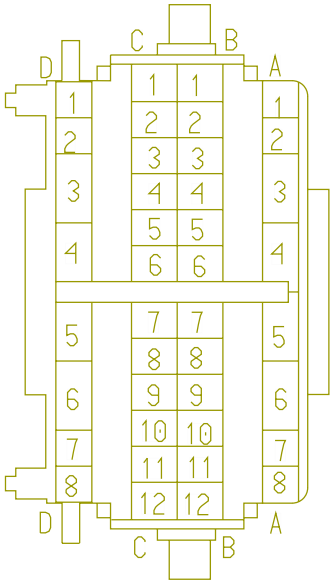
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
28	-	-	WA101BA	-	0.0	18.0	-	WHITE	0.0	-	D4	1800
31	-	-	AA14AEJ	-	0.0	18.0	-	RED	0.0	-	30	A67_1102
32	-	-	AA97AFJ	-	0.0	16.0	-	RED	0.0	-	85	A67_1102
33	-	-	AA13VJ	-	0.0	18.0	-	PINK	0.0	-	86	A67_1102
34	-	-	AA13WJ	-	0.0	18.0	-	PINK	0.0	-	-	-
34	-	-	AA13WJ	-	0.0	18.0	-	PINK	0.0	-	87	A67_1102
35	-	-	AA14AFJ	-	0.0	16.0	-	RED	0.0	-	30	A67_1103
36	-	-	AA97AGJ	-	0.0	16.0	-	VIOLET	0.0	-	85	A67_1103
36	-	-	AA97AFJ	-	0.0	16.0	-	RED	0.0	-	85	A67_1102
37	-	-	AA13XJ	-	0.0	18.0	-	PINK	0.0	-	86	A67_1103
38	-	-	AA13YJ	-	0.0	16.0	-	PINK	0.0	-	87	A67_1103
43	-	-	AA82D	-	0.0	16.0	-	GREY	0.0	-	PIN1	-
44	-	-	AA82J	-	0.0	16.0	-	GREY	0.0	-	R2-87A	A67_1011
45	-	-	AA82K	-	0.0	16.0	-	GREY	0.0	-	R5-87	A67_1011
46	-	-	AA82L	-	0.0	16.0	-	GREY	0.0	-	R5-87A	A67_1011
49	-	-	AD97CB	-	0.0	18.0	-	VIOLET	0.0	-	X	-

Connector Name	A67_1703M
Part Number	3595625C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	A67_1703F



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	AA23M	-	0.0	12.0	-	RED	0.0	-	-	-
9	-	-	AA10VA	-	0.0	18.0	-	RED	0.0	-	-	-
38	-	-	AA13YJ	-	0.0	16.0	-	PINK	0.0	-	87	A67_1103

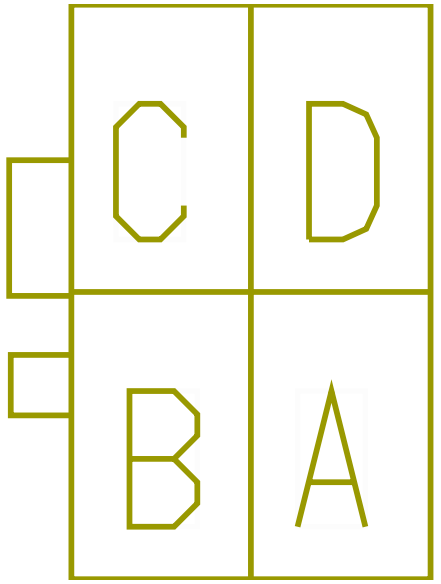
Connector Name	A67_1800
Part Number	3553649C1
Instances	Compressed Air Supply (Primary & Secondary Gauge) (Dual Air Brake System):Diagram1 Directional Signals (Turn) (LED CAN) W/O Plow Lights, W/O Fender Lights:Diagram1 Headlights (LED CAN) W/O Plow Lights:Diagram1 Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1 Windshield Washer Pump & Low Fluid Sensor (MV, CE):Diagram1 Windshield Washer Pump W/O Low Fluid Sensor:Diagram1 Windshield Wipers:Diagram1
Mates	B03_1800F



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A1	-	-	AA56F	-	0.0	20.0	-	ORANGE	0.0	-	A7	A67_1600
A2	-	-	AA57F	-	0.0	20.0	-	ORANGE	0.0	-	A6	A67_1600
A3	-	-	AD87-GA	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
A4	-	-	KA9C	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
A4	-	-	KA9C	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	0.0	-	X	-
A4	-	-	KA9C	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	0.0	-	PIN1	-
A5	-	-	HJ87A	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
A7	-	-	AA52D	-	0.0	20.0	-	YELLOW 2	0.0	-	A4	A67_1600
A8	-	-	AA102A	-	0.0	18.0	-	YELLOW 2	0.0	-	-	-

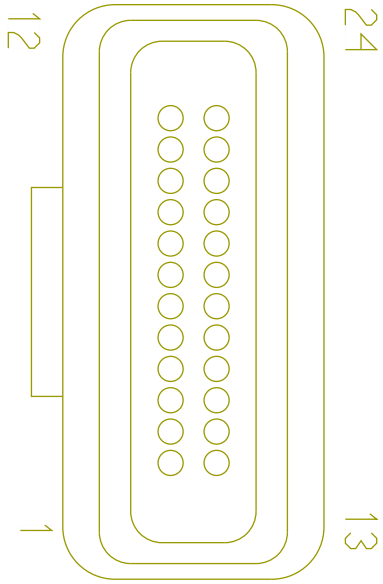
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
B1	-	-	AA82C	-	0.0	20.0	-	GREY	0.0	-	A11	A67_1600
B2	-	-	NK40A	-	0.0	20.0	-	GREY	0.0	-	B3	A67_1600
B3	-	-	NK6	-	0.0	18.0	-	GREY	0.0	-	E4	A67_1602
C1	-	-	AA82B	-	0.0	18.0	-	GREY	0.0	-	-	-
C3	-	-	XH94SV	-	0.0	18.0	-	GREY	0.0	-	4	A67_1403
C9	-	-	AA82A	-	0.0	20.0	-	GREY	0.0	-	11	B03_1810
C10	-	-	XH94SZ	-	0.0	18.0	-	GREY	0.0	-	1	A67_1403
C12	-	-	NK40	-	0.0	20.0	-	GREY	0.0	-	B2	A67_1600
D5	-	-	XL94SE	-	0.0	18.0	-	GREY	0.0	-	2	A67_1403
D6	-	-	XL94SF	-	0.0	18.0	-	GREY	0.0	-	5	A67_1403

Connector Name	A67_1820M
Part Number	1667305C1
Instances	Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1
Mates	B03_1820F



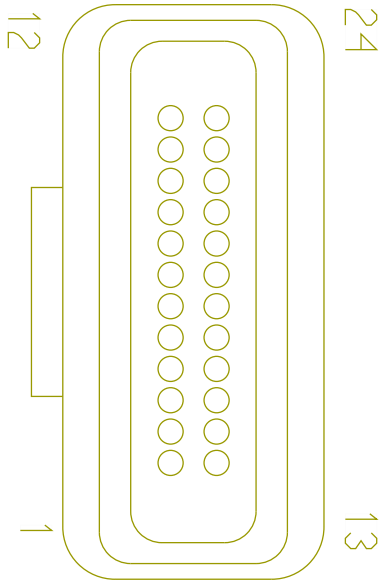
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	XL94SAB	-	0.0	18.0	-	GREY	0.0	-	-	-
B	-	-	XL94SBB	-	0.0	18.0	-	GREY	0.0	-	-	-
C	-	-	XL94SCB	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	0.0	-	-	-
D	-	-	XL94SDB	-	0.0	18.0	-	GREY	0.0	-	-	-

Connector Name	A67_1852
Part Number	3599009C1
Instances	Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps)
Mates	DEV-PUSH_BUTTON_SHIFTER-03



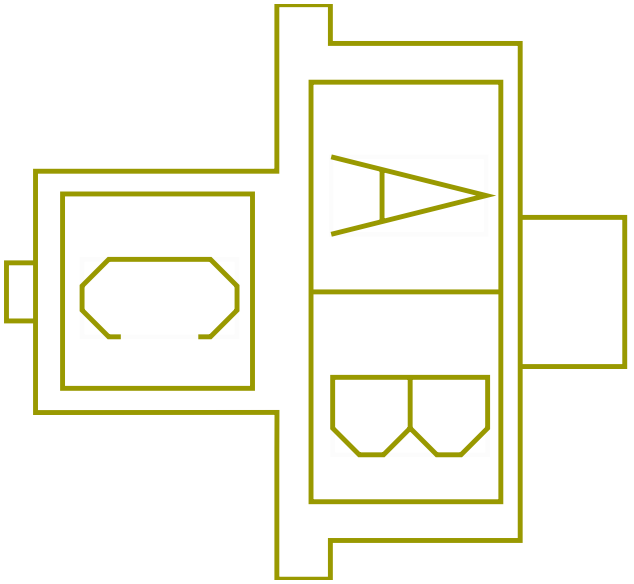
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE775580	-	0.0	-	-	-	0.0	-	PIN1	-
2	-	-	WIRE775581	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name A67_1852
Part Number 3599009C1
Instances Drive Mode Selector I/O (W/VCU):Diagram1
Mates DEV-PUSH_BUTTON_SHIFTER-03



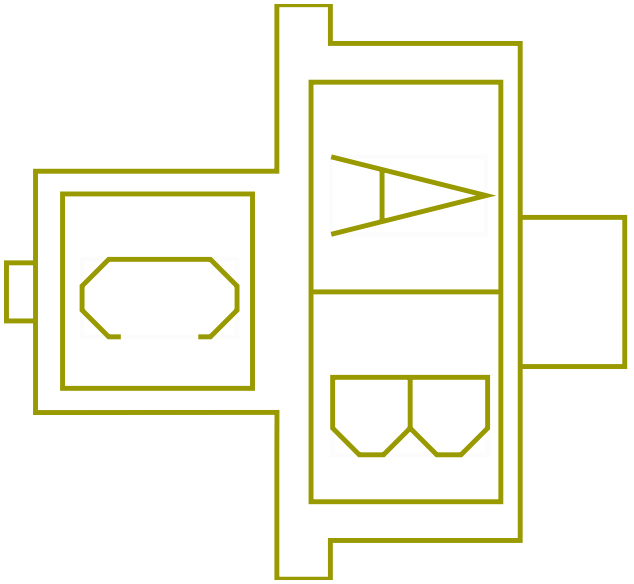
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	UL92AB	-	0.0	18.0	-	TAN	0.0	-	20	1703M
5	-	-	UL62Z	-	0.0	18.0	-	DARK BLUE	0.0	-	-	-
9	-	-	UL92-GAH	3510359 R1	0.79	18.0	Thin Wall XLPE Primary Cable	WHITE	715.0	-	-	-
17	-	-	UL92#163	3510329 R1	0.79	18.0	Thin Wall XLPE Primary Cable	TAN	2435.0	-	-	-
21	-	-	UL92BT	3510329 R1	0.79	18.0	Thin Wall XLPE Primary Cable	TAN	2195.0	-	-	-

Connector Name	A67_1901A
Part Number	4094648C1
Instances	Forward Auxiliary Power Source (1 APO)(Option 1):Diagram1 - 1901A Forward Auxiliary Power Source (2 APO)(Option 1):Diagram1 - 1901A & 1903B Forward Auxiliary Power Source (2 APO)(Option 1):Diagram1 - 1903 & 1901A Forward Auxiliary Power Source (3 APO)(Option 1):Diagram1
Mates	DEV-FORWARD_APO-01



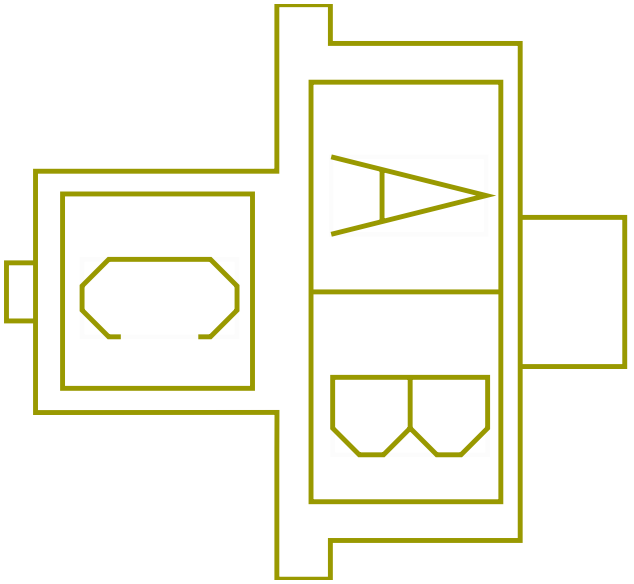
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	JE14UA	3510301 R1	1.91	14.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1465.0	-	-	-
C	-	-	JE11-GUD	-	0.0	20.0	-	WHITE	0.0	-	PIN1	-

Connector Name	A67_1903B
Part Number	4094648C1
Instances	Forward Auxiliary Power Source (1 APO)(Option 1):Diagram1 - 1903B Forward Auxiliary Power Source (2 APO)(Option 1):Diagram1 - 1901A & 1903B Forward Auxiliary Power Source (2 APO)(Option 1):Diagram1 - 1903 & 1903B Forward Auxiliary Power Source (3 APO)(Option 1):Diagram1



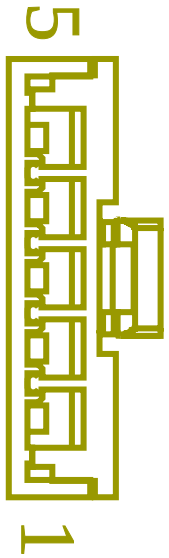
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	JD86C2	3510301 R1	1.91	14.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1395.0	-	-	-
C	-	-	JD11-GCE	-	0.0	14.0	-	WHITE	0.0	-	PIN1	-

Connector Name	A67_1903
Part Number	4094648C1
Instances	Forward Auxiliary Power Source (1 APO)(Option 1):Diagram1 - 1903 Forward Auxiliary Power Source (2 APO)(Option 1):Diagram1 - 1903 & 1901A Forward Auxiliary Power Source (2 APO)(Option 1):Diagram1 - 1903 & 1903B Forward Auxiliary Power Source (3 APO)(Option 1):Diagram1



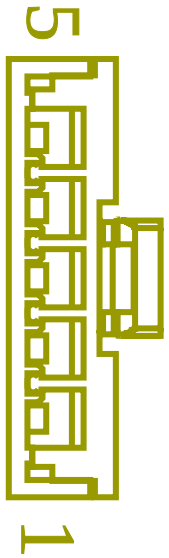
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	JA84	-	0.0	14.0	-	LIGHT GREEN	0.0	-	-	-
C	-	-	JA11-GAF	-	0.0	14.0	-	WHITE	0.0	-	PIN1	-

Connector Name	A67_1904
Part Number	4198370C1
Instances	Aux Power (USB) - 1 USB A, 1 USB C:Diagram1 - 1904 Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1904 & 1905A Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1904 & 1905B Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1904 & 1905C Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1904 & 1905A & 1905B Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1904 & 1905A & 1905C Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1904 & 1905B & 1905C
Mates	DEV-USB1-01



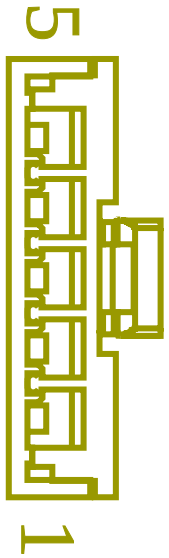
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	JA11-GUC	-	0.0	20.0	-	WHITE	0.0	-	PIN1	-
2	-	-	JA13UA	-	0.0	20.0	-	PINK	0.0	-	-	-

Connector Name	A67_1905A
Part Number	4198370C1
Instances	Aux Power (USB) - 1 USB A, 1 USB C:Diagram1 - 1905A Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1904 & 1905A Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1905A & 1905B Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1905A & 1905C Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1904 & 1905A & 1905B Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1904 & 1905A & 1905C Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1905A & 1905B & 1905C
Mates	DEV-USB1-01



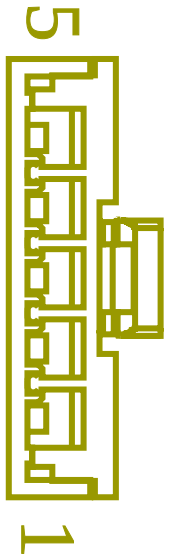
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	JE11-GUF	-	0.0	20.0	-	WHITE	0.0	-	PIN1	-
2	-	-	JE13E	-	0.0	20.0	-	PINK	0.0	-	-	-

Connector Name	A67_1905B
Part Number	4198370C1
Instances	Aux Power (USB) - 1 USB A, 1 USB C:Diagram1 - 1905B Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1904 & 1905B Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1905A & 1905B Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1905B & 1905C Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1904 & 1905A & 1905B Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1904 & 1905B & 1905C Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1905A & 1905B & 1905C



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	JF11-GUB	-	0.0	20.0	-	WHITE	0.0	-	PIN1	-
2	-	-	JF13UC	-	0.0	20.0	-	PINK	0.0	-	-	-

Connector Name	A67_1905C
Part Number	4198370C1
Instances	Aux Power (USB) - 1 USB A, 1 USB C:Diagram1 - 1905C Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1904 & 1905C Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1905A & 1905C Aux Power (USB) - 2 USB A, 2 USB C:Diagram1 - 1905B & 1905C Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1904 & 1905A & 1905C Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1904 & 1905B & 1905C Aux Power (USB) - 3 USB A, 3 USB C:Diagram1 - 1905A & 1905B & 1905C



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	JQ11-GUBB	-	0.0	20.0	-	WHITE	0.0	-	PIN1	-
2	-	-	JQ13UCC	-	0.0	20.0	-	PINK	0.0	-	-	-

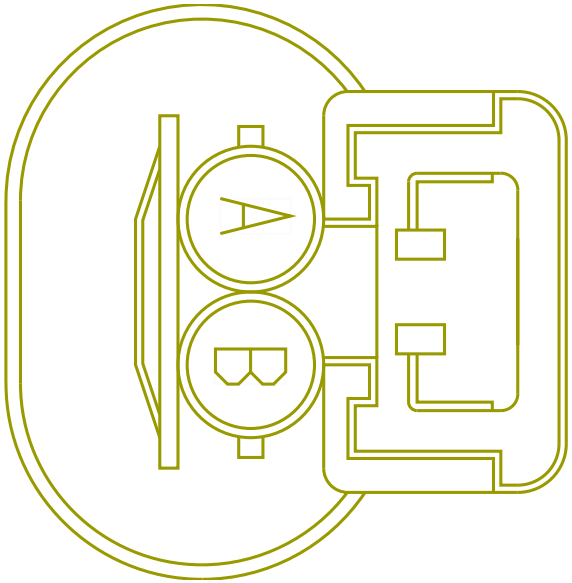
Connector Name	A67_1916
Part Number	BLUNT_SL_VC
Instances	Aux Power (Blunt Cut):Diagram1
Mates	BLNT-IGN_POWER-01

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	LL13C	-	0.0	16.0	-	PINK	0.0	-	-	-

Connector Name	A67_1919
Part Number	BLUNT_SL_VC
Instances	Aux Power (Blunt Cut):Diagram1
Mates	BLNT-BTRY_POWER-01

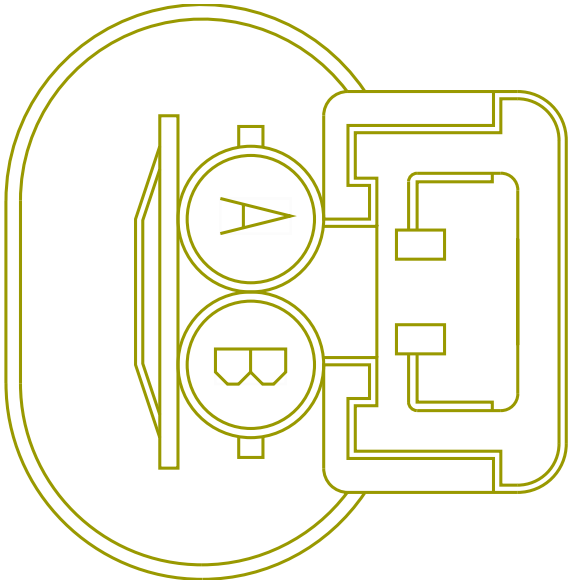
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	LL14G	-	0.0	16.0	-	RED	0.0	-	-	-

Connector Name	A67_1939A
Part Number	3683465C1
Instances	Low Speed J1939 (125Kbps):Low Speed J1939 (125Kbps)
Mates	TERMINATING RESISTOR



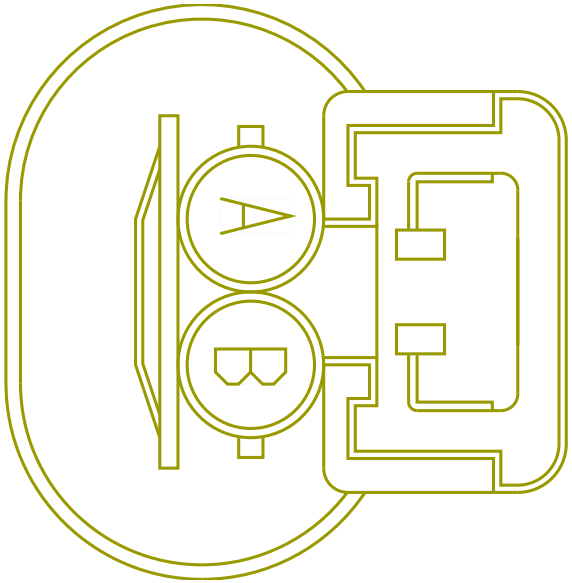
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE1637	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE1638	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	A67_1939B
Part Number	3683465C1
Instances	Low Speed J1939 (125Kbps):Low Speed J1939 (125Kbps)
Mates	TERMINATING RESISTOR



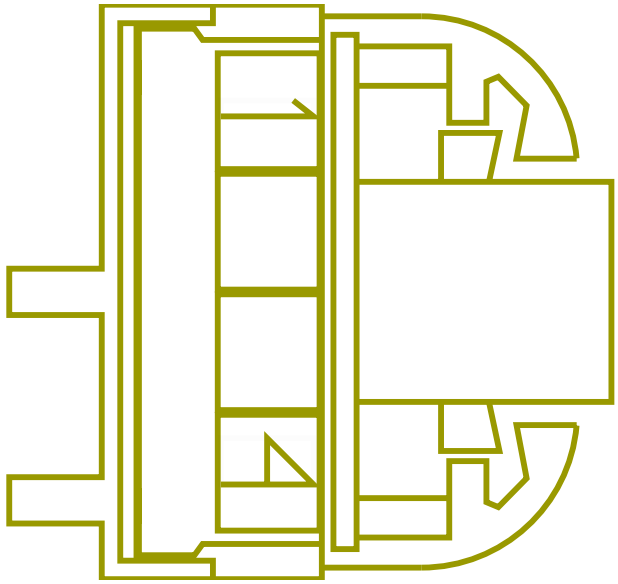
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE1655	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE1656	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	A67_1939C
Part Number	3683465C1
Instances	Body Standard J1939 (250Kbps):Body Standard J1939 (250Kbps)
Mates	Terminating Resistor



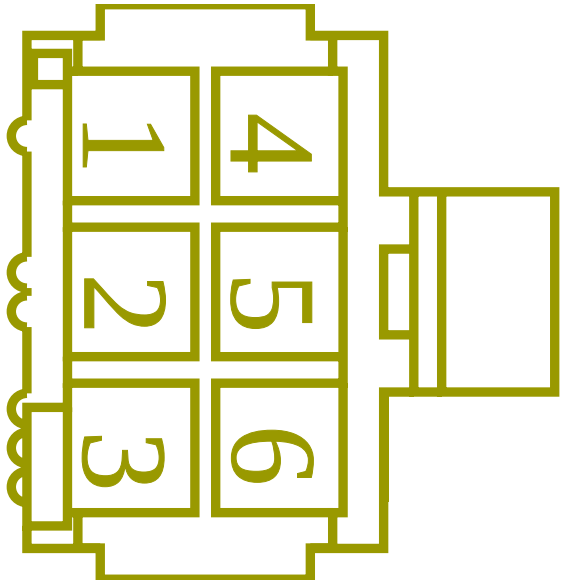
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE722863	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE720005	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	A67_1971
Part Number	3704144C1
Instances	Camera (LYTX Prewire) W/Event Recording Button:Diagram1
Mates	SW-VIDEO_CAMERA_CONTROL-01



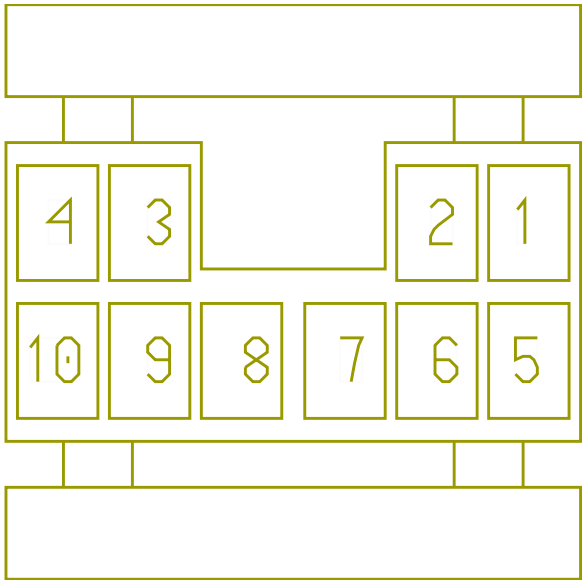
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	LR13DCB	-	0.0	20.0	-	PINK	0.0	-	3	A67_1972
2	-	-	LR12L	-	0.0	20.0	-	LIGHT BLUE	0.0	-	6	A67_1972
3	-	-	LR14DCA	-	0.0	20.0	-	RED	0.0	-	2	A67_1972
4	-	-	LR11-GBAA	-	0.0	20.0	-	WHITE	0.0	-	1	A67_1972

Connector Name	A67_1972
Part Number	4198359C1
Instances	Camera (LYTX Prewire) W/Event Recording Button:Diagram1
Mates	DEV-LYTX_AVM_ADAPTER-01



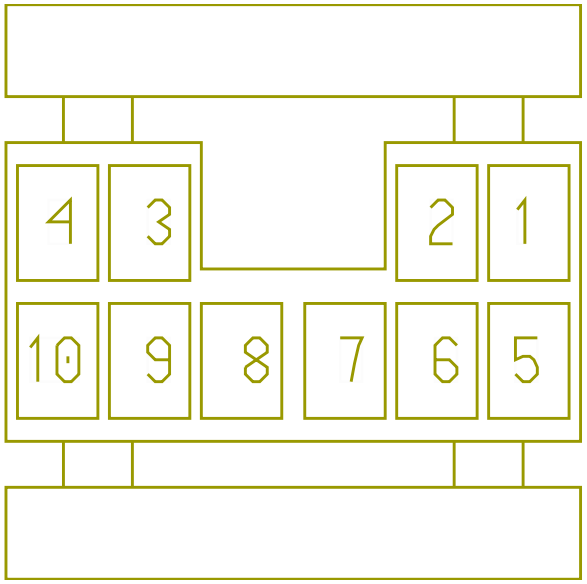
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	LR11-GBAA	-	0.0	20.0	-	WHITE	0.0	-	4	A67_1971
2	-	-	LR14DCA	-	0.0	20.0	-	RED	0.0	-	3	A67_1971
3	-	-	LR13DCB	-	0.0	20.0	-	PINK	0.0	-	1	A67_1971
6	-	-	LR12L	-	0.0	20.0	-	LIGHT BLUE	0.0	-	2	A67_1971

Connector Name	A67_2000
Part Number	3544688C1
Instances	Cab Dome Light W/Classic Trim (MV, HV, HX):Diagram1 Cab Dome Lights (CA 2.0 Standard Cab/Low Rise Sleeper):Diagram1 CB Radio Power Only:Diagram1 Clearance and Identification Lights N/SUNSHADE AMBER LENS:Diagram1 Interior Task Lighting (Map Light) (CA 2.0 Standard Cab/Low Rise Sleeper):Diagram1
Mates	D49_2000F



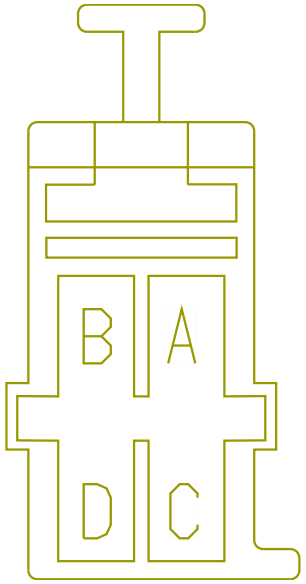
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	YP58T	3510305 R1	0.79	18.0	Thin Wall XLPE Primary Cable	BROWN	0.0	-	-	-
2	-	-	EP86F	-	0.0	18.0	-	LIGHT GREEN	0.0	-	-	-
3	-	-	AD63-GB	-	0.0	16.0	-	WHITE	0.0	-	X	-
3	-	-	AD63-GB	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
4	-	-	WG63BD	-	0.0	18.0	-	DARK BLUE	0.0	-	PIN1	-
5	-	-	AA63BF	-	0.0	18.0	-	DARK BLUE	0.0	-	-	-

Connector Name	A67_2000
Part Number	3544688C1
Instances	Over The Air Electrical I/O (OnCommand Link / N2 Module N/ Engine Diagnostic Connector):Diagram1
Mates	D49_2000F



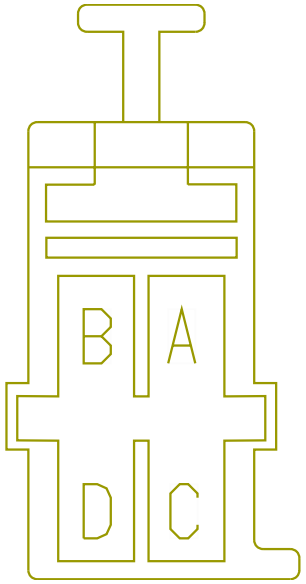
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
3	-	-	AD63-GB	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-

Connector Name	A67_2312
Part Number	3533975C1
Instances	Door Ajar Reminder (Entry/Exit) (2 Doors):Diagram1 Speakers: Four Speakers & N/QC:Diagram1
Mates	W21_23XX



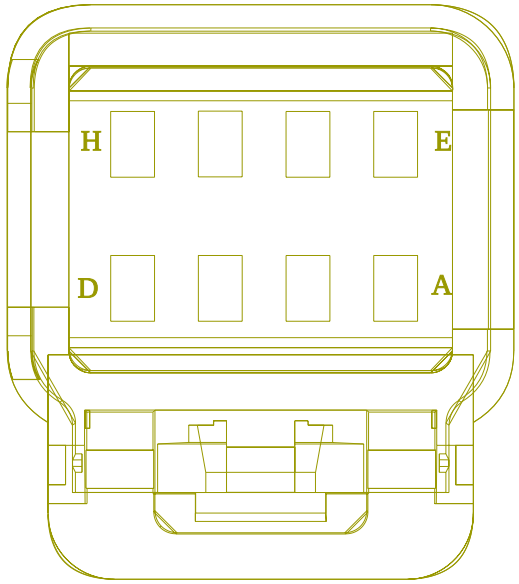
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	AA63B	-	0.0	16.0	-	DARK BLUE	0.0	-	PIN1	-
B	-	-	AA9BAA	-	0.0	16.0	-	GREY	0.0	-	PIN1	-
C	-	-	SP86BA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	15	A67_1300
D	-	-	SP86CA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	16	A67_1300

Connector Name	A67_2313
Part Number	3533975C1
Instances	Door Ajar Reminder (Entry/Exit) (2 Doors):Diagram1 Speakers: Four Speakers & N/QC:Diagram1
Mates	W21_23XX



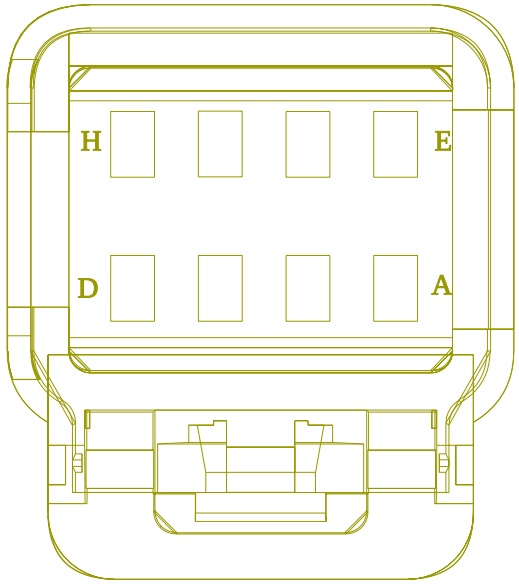
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	AA63C	-	0.0	16.0	-	DARK BLUE	0.0	-	PIN1	-
B	-	-	AA9BAB	-	0.0	16.0	-	GREY	0.0	-	PIN1	-
C	-	-	SP86DA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	9	A67_1300
D	-	-	SP86EA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	10	A67_1300

Connector Name	A67_250M
Part Number	4064551C1
Instances	Body Standard J1939 (250Kbps):Body Standard J1939 (250Kbps) Over The Air Electrical I/O (OnCommand Link / N2 Module N/ Engine Diagnostic Connector):Diagram1
Mates	D49_250F



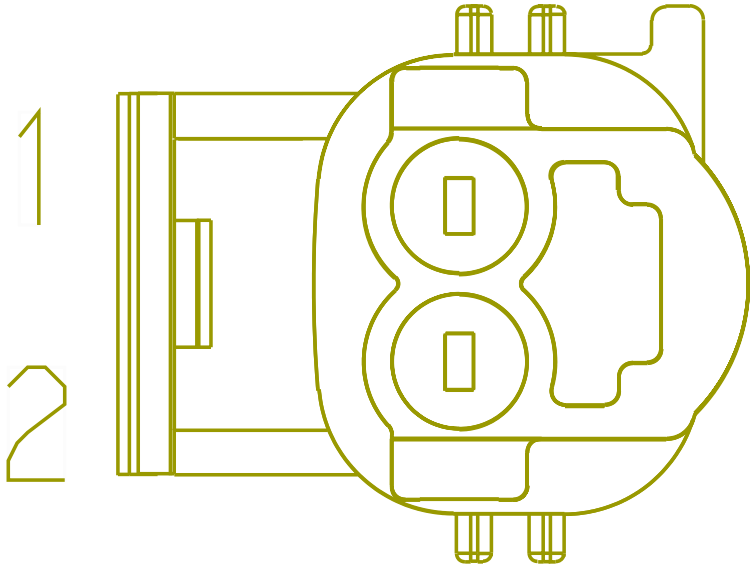
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE775838	-	0.0	-	-	-	0.0	-	F	1024
B	-	-	WIRE775839	-	0.0	-	-	-	0.0	-	G	1024
C	-	-	EN14KBB	3510365 R1	0.79	18.0	Thin Wall XLPE Primary Cable	RED	2783.0	-	-	-
E	-	-	WIRE775840	-	0.0	-	-	-	0.0	-	38	A67_1700
F	-	-	WIRE775841	-	0.0	-	-	-	0.0	-	37	A67_1700

Connector Name	A67_250M
Part Number	4064551C1
Instances	Antenna (Shark Fin, AM/FM/WB only):Diagram1 Antenna (Shark Fin, Day Cab, OTAPM, AM/FM, XM Radio):Diagram1
Mates	D49_250F



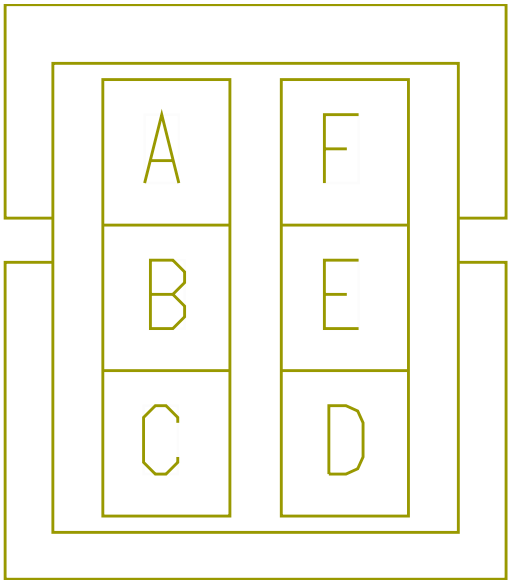
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
D	-	-	EP86AK	-	0.0	18.0	-	LIGHT GREEN	0.0	-	PIN1	-

Connector Name	A67_2505
Part Number	3811207C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Radio W/ Bluetooth:Diagram1 Radio W/ Bluetooth & W/ Steering Wheel Pod:Diagram1
Mates	D80_2505M



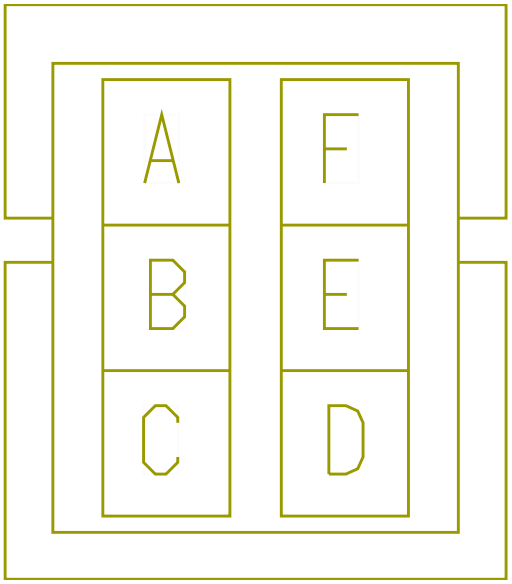
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	SR86A(-)	-	0.0	20.0	-	LIGHT GREEN	0.0	-	16	A67_1301
1	-	-	WIRE775900	-	0.0	-	-	-	0.0	-	16	A67_1301
2	-	-	SR86A(+)	-	0.0	20.0	-	LIGHT GREEN	0.0	-	15	A67_1301
2	-	-	WIRE775901	-	0.0	-	-	-	0.0	-	15	A67_1301

Connector Name	A67_3000F
Part Number	1661201C1
Instances	Mirror Lighting (Turns N/ Door Pods):Diagram1 Mirror Lighting (Turns W/ Door Pods):Diagram1 Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Mates	E01_3000M



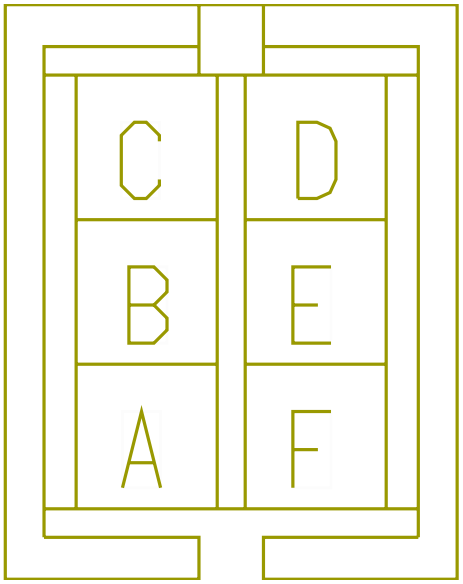
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	AAE56D	-	0.0	18.0	-	ORANGE	0.0	-	PIN1	-
B	-	-	RF78RJ	-	0.0	16.0	-	LIGHT GREEN	0.0	-	PIN1	-

Connector Name	A67_3100F
Part Number	1661201C1
Instances	Mirror Lighting (Turns N/ Door Pods):Diagram1 Mirror Lighting (Turns W/ Door Pods):Diagram1 Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Mates	E01_3000M



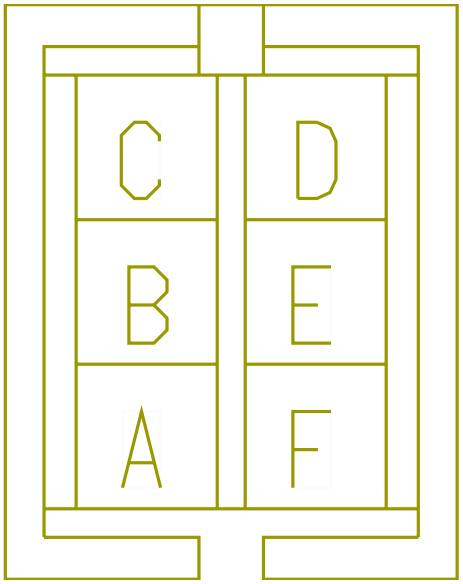
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	AAA57D	-	0.0	18.0	-	ORANGE	0.0	-	PIN1	-
B	-	-	RF78B	-	0.0	16.0	-	LIGHT GREEN	0.0	-	PIN1	-

Connector Name	A67_3200M
Part Number	1661200C1
Instances	Low Speed J1939 (125Kbps):Low Speed J1939 (125Kbps) Mirror Lighting (Turns N/ Door Pods):Diagram1 Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1 Power Door Locks (2-Door):Diagram1
Mates	E01_3200F



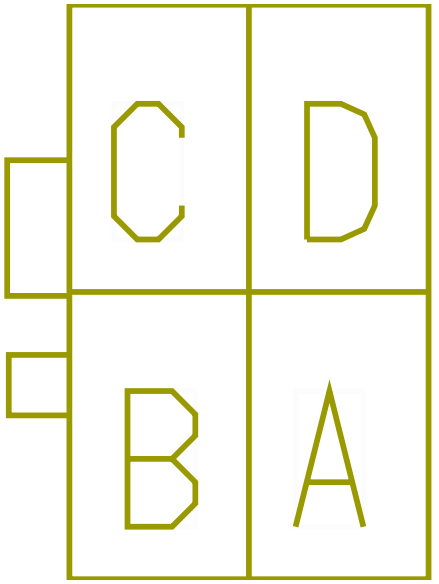
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE1644	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE1643	-	0.0	-	-	-	0.0	-	PIN1	-
C	-	-	RC81B	-	0.0	12.0	-	RED	0.0	-	-	-
D	-	-	RF78-GA	-	0.0	16.0	-	WHITE	0.0	-	-	-

Connector Name	A67_3204M
Part Number	1661200C1
Instances	Low Speed J1939 (125Kbps):Low Speed J1939 (125Kbps) Mirror Lighting (Turns N/ Door Pods):Diagram1 Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1 Power Door Locks (2-Door):Diagram1 Remote Keyless Access:Diagram1
Mates	E01_3200F



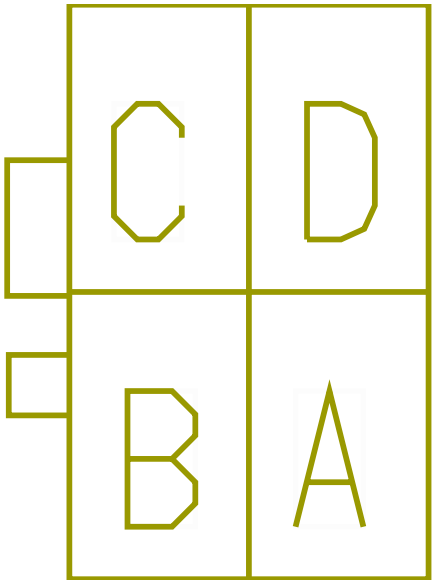
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE1654	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE1653	-	0.0	-	-	-	0.0	-	PIN1	-
C	-	-	RC81A	3510302 R1	3.01	12.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3045.0	-	-	-
D	-	-	RF78-GB	-	0.0	16.0	-	WHITE	0.0	-	-	-

Connector Name	A67_3205M
Part Number	1667305C1
Instances	Courtesy Step Lighting (2 Door):Diagram1 Speakers: Four Speakers & N/QC:Diagram1
Mates	E01_3205F



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WG63BB	-	0.0	18.0	-	DARK BLUE	0.0	-	PIN1	-
B	-	-	AD11-GW	-	0.0	18.0	-	WHITE	0.0	-	X	-
C	-	-	SQ86H	-	0.0	18.0	-	LIGHT GREEN	0.0	-	13	A67_1300
D	-	-	SQ86J	-	0.0	18.0	-	LIGHT GREEN	0.0	-	14	A67_1300

Connector Name	A67_3206M
Part Number	1667305C1
Instances	Courtesy Step Lighting (2 Door):Diagram1 Speakers: Four Speakers & N/QC:Diagram1
Mates	E01_3205F

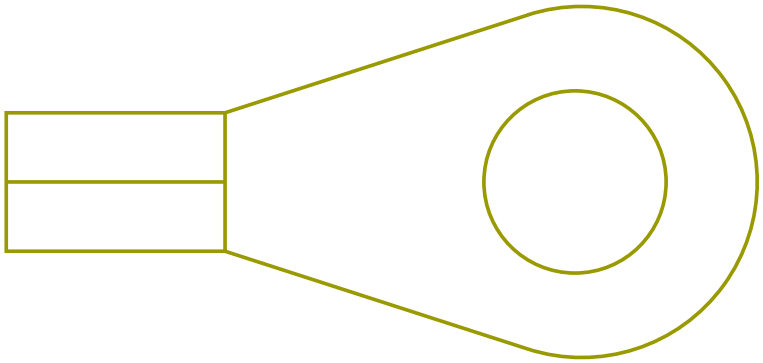


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WG63BC	-	0.0	18.0	-	DARK BLUE	0.0	-	PIN1	-
B	-	-	AD11-GKB	-	0.0	18.0	-	WHITE	0.0	-	X	-
C	-	-	SQ86K	-	0.0	18.0	-	LIGHT GREEN	0.0	-	11	A67_1300
D	-	-	SQ86L	-	0.0	18.0	-	LIGHT GREEN	0.0	-	12	A67_1300

Connector Name A67_4081

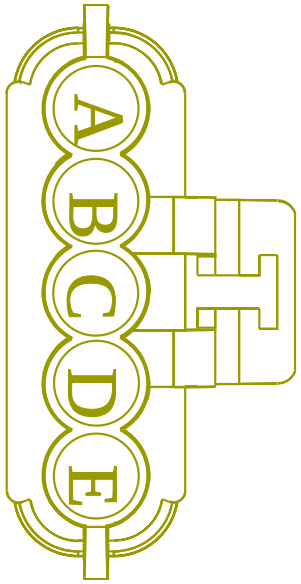
Part Number 3581768C1

Instances Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1
Interior Dual Post Ground Stud-Cowl Wall:Diagram1



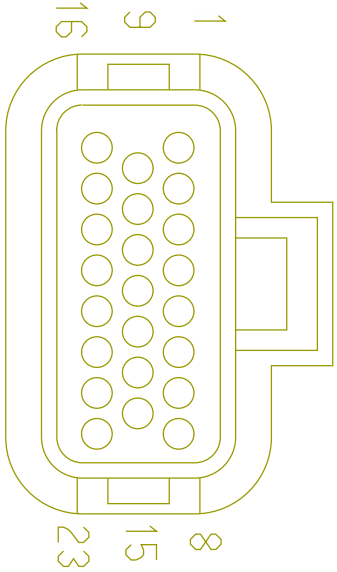
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	XA94-GA	3510362 R1	3.01	12.0	Thin Wall XLPE Primary Cable	WHITE	0.0	-	-	-
A	-	-	XA94-GA	3510362 R1	3.01	12.0	Thin Wall XLPE Primary Cable	WHITE	0.0	-	1	A67_1400

Connector Name	A67_4500
Part Number	1661375C2
Instances	Windshield Wipers:Diagram1
Mates	DEV-MOTOR_WIPER-01



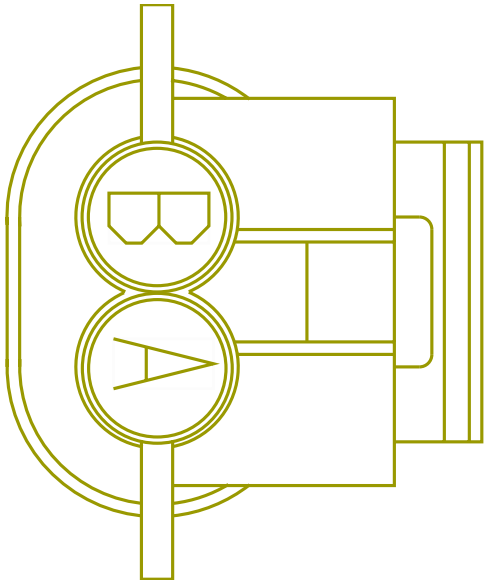
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	AA82DJ	-	0.0	16.0	-	GREY	0.0	-	43	A67_1703F
B	-	-	AA82JJ	-	0.0	16.0	-	GREY	0.0	-	44	A67_1703F
C	-	-	AA82-GJ	-	0.0	16.0	-	WHITE	0.0	-	49	A67_1703F
D	-	-	AA82KJ	-	0.0	16.0	-	GREY	0.0	-	45	A67_1703F
E	-	-	AA82LJ	-	0.0	16.0	-	GREY	0.0	-	46	A67_1703F

Connector Name	A67_6042
Part Number	3677559C1
Instances	eVehicle Charging (W/VCU) Onboard Charging Modules:Diagram1
Mates	DEV-OBC2_TOP-01



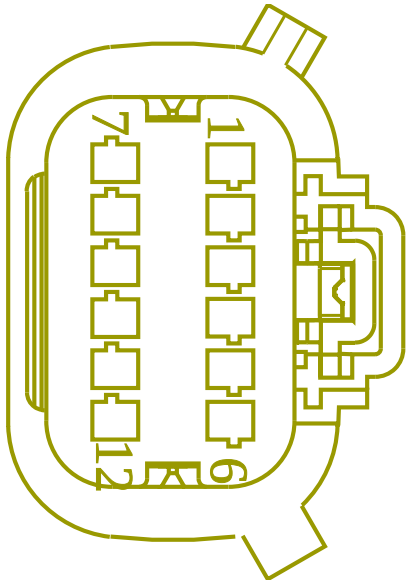
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
4	-	-	K13N	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
7	-	-	K13S	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
8	-	-	K11M	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
11	-	-	K98D	-	0.0	18.0	-	BLACK	0.0	-	12	A67_6042
12	-	-	K98D	-	0.0	18.0	-	BLACK	0.0	-	11	A67_6042
13	-	-	K11J	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
14	-	-	K11K	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
15	-	-	K11L	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
22	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-

Connector Name	A67_6202
Part Number	3590299C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram1 - HVAC
Mates	DEV-LOW_PRESSURE_SWITCH-01



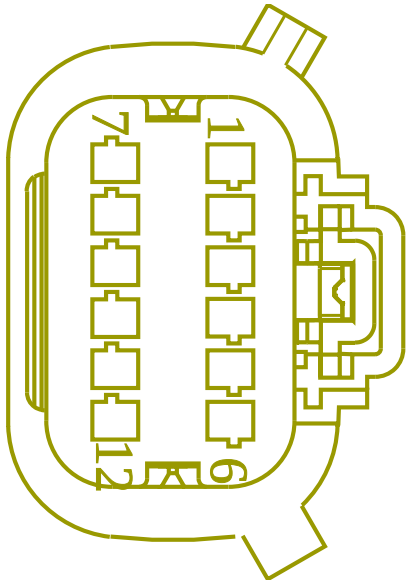
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	TC9AE	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1350.0	-	48	1703F
B	-	-	TB74J	3510299 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1675.0	-	47	1703F

Connector Name	A67_6500
Part Number	4276424C1
Instances	Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps)
Mates	DEV-SOUND_GENERATOR-01



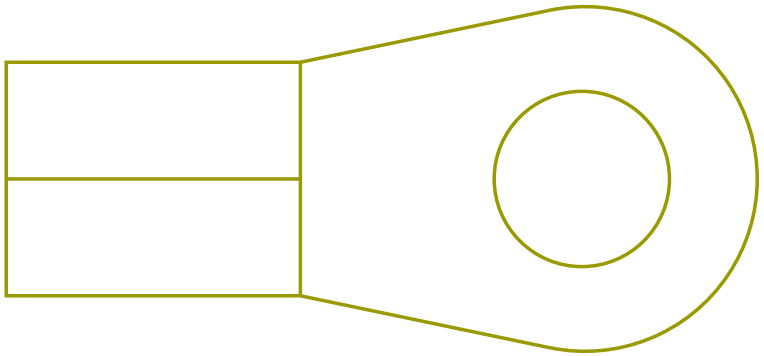
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE775529	-	0.0	-	-	-	0.0	-	X	-
7	-	-	WIRE775558	-	0.0	-	-	-	0.0	-	X	-

Connector Name	A67_6500
Part Number	4276424C1
Instances	Vehicle Sound Generator:Diagram1
Mates	DEV-SOUND_GENERATOR-01



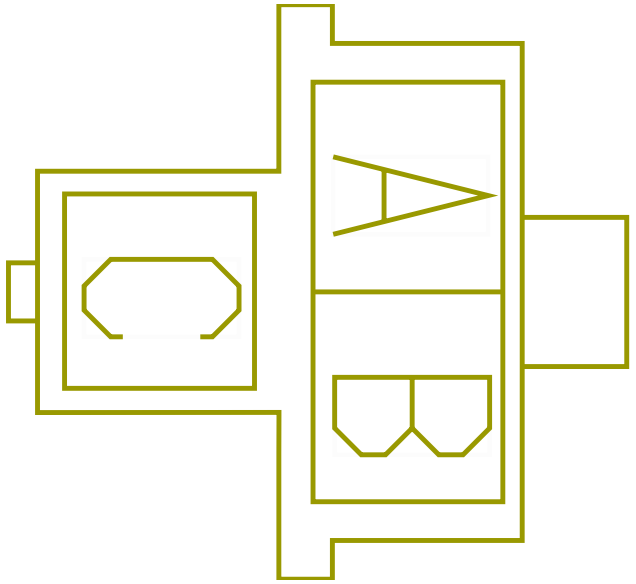
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	AA86B	-	0.0	18.0	-	WHITE	0.0	-	25	A67_1700
4	-	-	AA86D	-	0.0	18.0	-	WHITE	0.0	-	31	A67_1701
6	-	-	AA11GA	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
7	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	AA86AX	-	0.0	18.0	-	LIGHT GREEN	0.0	-	24	A67_1700
10	-	-	AA86C	-	0.0	18.0	-	LIGHT GREEN	0.0	-	30	A67_1701
12	-	-	AA14A	-	0.0	18.0	-	PINK	0.0	-	-	-

Connector Name	A73_1004
Part Number	2015884C1
Instances	Aux Power (USB) - 1 USB A, 1 USB C (Rev 2):Diagram1 - 1904 Aux Power (USB) - 1 USB A, 1 USB C (Rev 2):Diagram1 - 1905 Aux Power (USB) - 1 USB A, 1 USB C (Rev 2):Diagram1 - 1905A Aux Power (USB) - 2 USB A, 2 USB C (Rev 2):Diagram1 - 1904 & 1905 Aux Power (USB) - 2 USB A, 2 USB C (Rev 2):Diagram1 - 1904 & 1905A Aux Power (USB) - 2 USB A, 2 USB C (Rev 2):Diagram1 - 1905 & 1905A Aux Power (USB) - 3 USB A, 3 USB C (Rev 2):Diagram1 - 1904 & 1905A & 1905B Forward Auxiliary Power Source (1 APO)(Option 2):Diagram1 - 1901 Forward Auxiliary Power Source (1 APO)(Option 2):Diagram1 - 1901A Forward Auxiliary Power Source (1 APO)(Option 2):Diagram1 - 1903 Forward Auxiliary Power Source (1 APO)(Option 2):Diagram1 - 1903B Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1901 & 1901A Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903 & 1901 Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903 & 1901A Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903 & 1903B Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903B & 1901 Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903B & 1901A Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903 & 1901 & 1901A Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903 & 1901 & 1903B Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903 & 1901A & 1903B Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903B & 1901 & 1901A



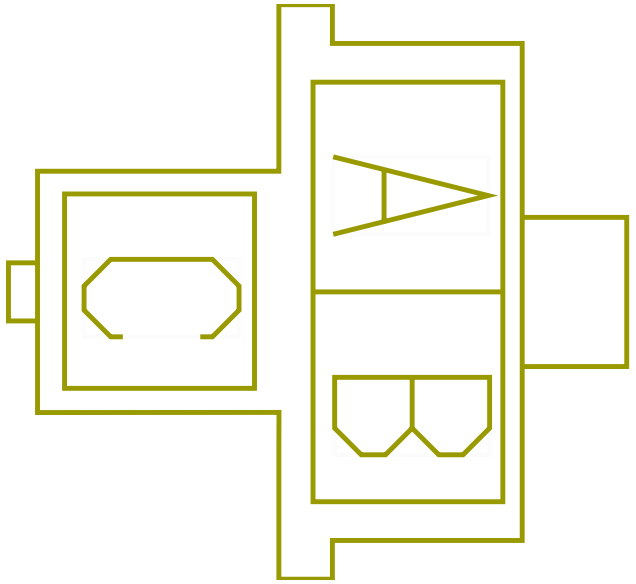
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	FA11-GAH	-	0.0	10.0	-	WHITE	0.0	-	PIN1	-

Connector Name	A73_1901A
Part Number	4094648C1
Instances	Forward Auxiliary Power Source (1 APO)(Option 2):Diagram1 - 1901A Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1901 & 1901A Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903 & 1901A Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903B & 1901A Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903 & 1901 & 1901A Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903 & 1901A & 1903B Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903B & 1901 & 1901A



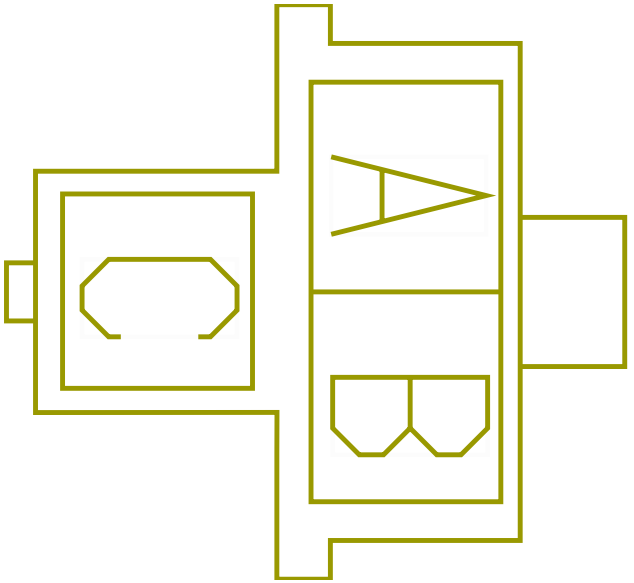
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	JK14UA	-	0.0	14.0	-	LIGHT GREEN	0.0	-	-	-
C	-	-	JK11-GUD	-	0.0	20.0	-	WHITE	0.0	-	PIN1	-

Connector Name	A73_1901
Part Number	4094648C1
Instances	Forward Auxiliary Power Source (1 APO)(Option 2):Diagram1 - 1901 Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1901 & 1901A Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903 & 1901 Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903B & 1901 Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903 & 1901 & 1901A Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903 & 1901 & 1903B Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903B & 1901 & 1901A
Mates	DEV-FORWARD_APO-01



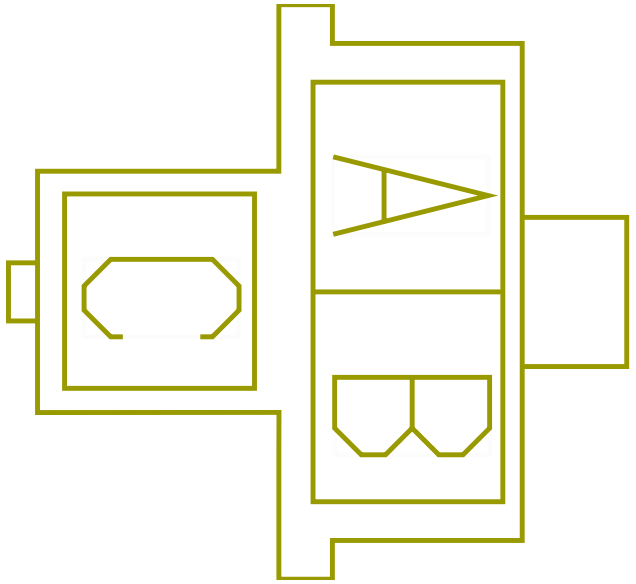
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	JH84C	-	0.0	14.0	-	LIGHT GREEN	0.0	-	-	-
C	-	-	JJ11-GAC	-	0.0	14.0	-	WHITE	0.0	-	PIN1	-

Connector Name	A73_1903B
Part Number	4094648C1
Instances	Forward Auxiliary Power Source (1 APO)(Option 2):Diagram1 - 1903B Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903 & 1903B Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903B & 1901 Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903B & 1901A Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903 & 1901 & 1903B Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903 & 1901A & 1903B Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903B & 1901 & 1901A



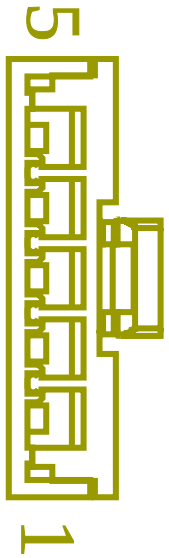
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	JD86C2	3510301 R1	1.91	14.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1395.0	-	-	-
C	-	-	JD11-GCE	-	0.0	14.0	-	WHITE	0.0	-	PIN1	-

Connector Name	A73_1903
Part Number	4094648C1
Instances	Forward Auxiliary Power Source (1 APO)(Option 2):Diagram1 - 1903 Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903 & 1901 Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903 & 1901A Forward Auxiliary Power Source (2 APO)(Option 2):Diagram1 - 1903 & 1903B Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903 & 1901 & 1901A Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903 & 1901 & 1903B Forward Auxiliary Power Source (3 APO)(Option 2):Diagram1 - 1903 & 1901A & 1903B



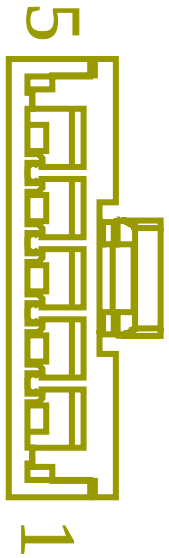
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	JA84	-	0.0	14.0	-	LIGHT GREEN	0.0	-	-	-
C	-	-	JA11-GAF	-	0.0	14.0	-	WHITE	0.0	-	PIN1	-

Connector Name	A73_1904
Part Number	4198370C1
Instances	Aux Power (USB) - 1 USB A, 1 USB C (Rev 2):Diagram1 - 1904 Aux Power (USB) - 2 USB A, 2 USB C (Rev 2):Diagram1 - 1904 & 1905 Aux Power (USB) - 2 USB A, 2 USB C (Rev 2):Diagram1 - 1904 & 1905A Aux Power (USB) - 3 USB A, 3 USB C (Rev 2):Diagram1 - 1904 & 1905A & 1905B



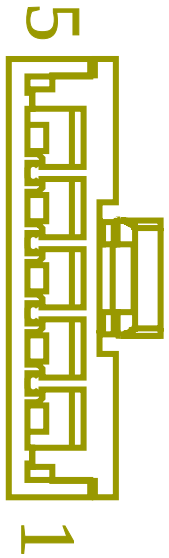
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	JA11-GUC	-	0.0	20.0	-	WHITE	0.0	-	PIN1	-
2	-	-	JA13UA	-	0.0	20.0	-	PINK	0.0	-	-	-

Connector Name	A73_1905A
Part Number	4198370C1
Instances	Aux Power (USB) - 1 USB A, 1 USB C (Rev 2):Diagram1 - 1905A Aux Power (USB) - 2 USB A, 2 USB C (Rev 2):Diagram1 - 1904 & 1905A Aux Power (USB) - 2 USB A, 2 USB C (Rev 2):Diagram1 - 1905 & 1905A Aux Power (USB) - 3 USB A, 3 USB C (Rev 2):Diagram1 - 1904 & 1905A & 1905B



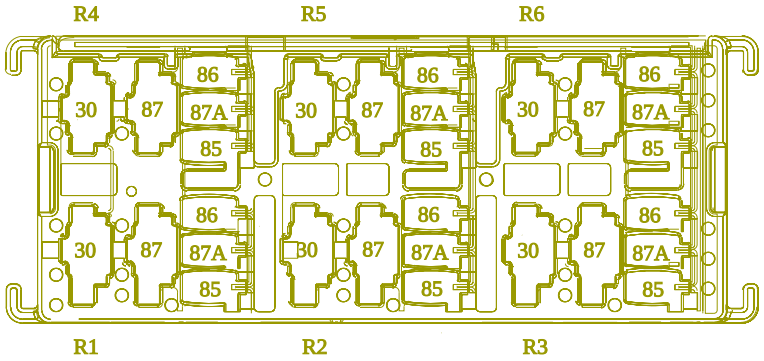
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	JK11-GUB	-	0.0	20.0	-	WHITE	0.0	-	PIN1	-
2	-	-	JK13U	-	0.0	20.0	-	PINK	0.0	-	-	-

Connector Name	A73_1905
Part Number	4198370C1
Instances	Aux Power (USB) - 1 USB A, 1 USB C (Rev 2):Diagram1 - 1905 Aux Power (USB) - 2 USB A, 2 USB C (Rev 2):Diagram1 - 1904 & 1905 Aux Power (USB) - 2 USB A, 2 USB C (Rev 2):Diagram1 - 1905 & 1905A Aux Power (USB) - 3 USB A, 3 USB C (Rev 2):Diagram1 - 1904 & 1905A & 1905B
Mates	DEV-USB1-01



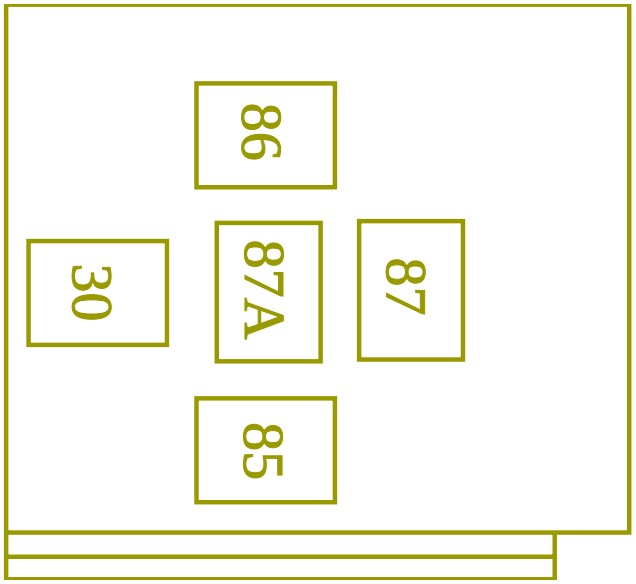
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	JJ11-GUG	-	0.0	20.0	-	WHITE	0.0	-	PIN1	-
2	-	-	JJ13UC	-	0.0	20.0	-	PINK	0.0	-	-	-

Connector Name	A74_1011
Part Number	3768010C1
Instances	Body Builder Power Prewire (ePower Prewire):Diagram1
Mates	RLY-ePOWER-01



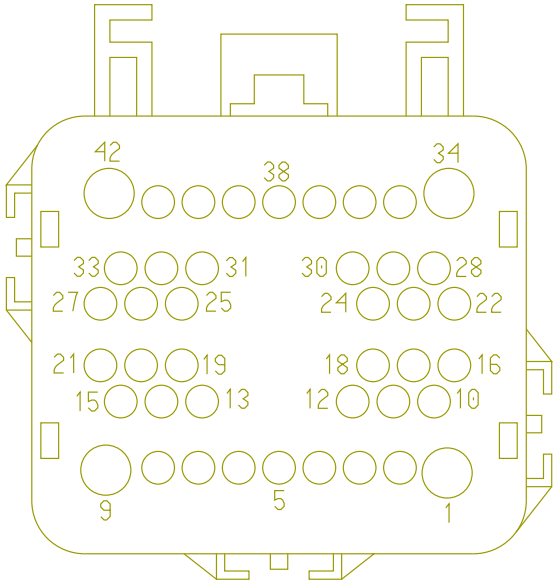
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
R6-30	-	-	ER14YJ	-	0.0	18.0	-	RED	0.0	-	-	-
R6-85	-	-	ER11YJ	-	0.0	18.0	-	WHITE	0.0	-	-	-
R6-86	-	-	ER13YJB	-	0.0	16.0	-	PINK	0.0	-	PIN1	-
R6-87	-	-	ER14YJA	-	0.0	18.0	-	RED	0.0	-	39	A74_1703M

Connector Name	A74_1103
Part Number	4243370C1
Instances	Body Builder Power Prewire (ePower Prewire):Diagram1
Mates	RLY-GLOBAL_SWITCHED_POWER_ B-01



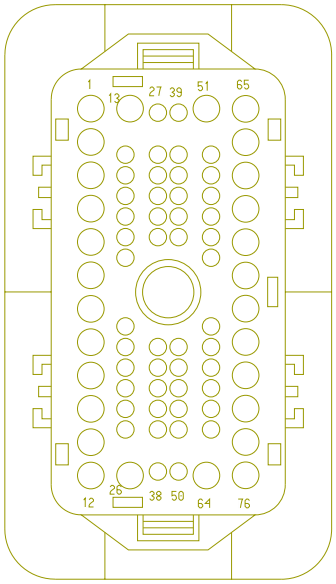
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
87	-	-	AA13YJ	-	0.0	16.0	-	PINK	0.0	-	PIN1	-

Connector Name	A74_1702
Part Number	3595621C1
Instances	Body Builder Power Prewire (ePower Prewire):Diagram1
Mates	K11_1702



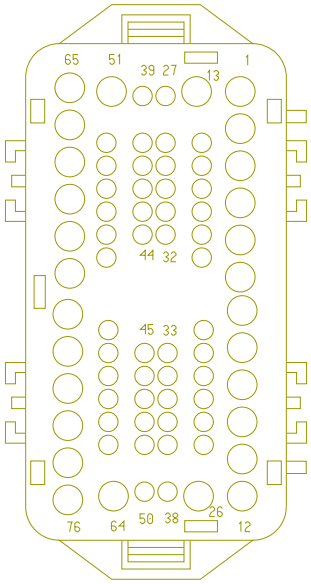
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
38	-	-	AA13Y	-	0.0	16.0	-	PINK	0.0	-	38	A74_1703F
39	-	-	ER14YJB	-	0.0	18.0	-	RED	0.0	-	39	A74_1703F

Connector Name A74_1703F
Part Number 3595624C1
Instances Body Builder Power Prewire (ePower Prewire):Diagram1
Mates A74_1703M



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
38	-	-	AA13Y	-	0.0	16.0	-	PINK	0.0	-	38	A74_1702
39	-	-	ER14YJB	-	0.0	18.0	-	RED	0.0	-	39	A74_1702

Connector Name A74_1703M
Part Number 3595625C1
Instances Body Builder Power Prewire (ePower Prewire):Diagram1
Mates A74_1703F



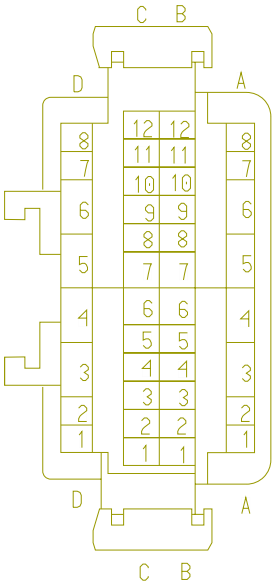
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
38	-	-	AA13YJA	-	0.0	16.0	-	PINK	0.0	-	PIN1	-
39	-	-	ER14YJA	-	0.0	18.0	-	RED	0.0	-	R6-87	A74_1011

Connector Name B03_1800F

Part Number 3612512C1

Instances Compressed Air Supply (Primary & Secondary Gauge) (Dual Air Brake System):Diagram1
Directional Signals (Turn) (LED CAN) W/O Plow Lights, W/O Fender Lights:Diagram1
Headlights (LED CAN) W/O Plow Lights:Diagram1
Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1
Windshield Washer Pump & Low Fluid Sensor (MV, CE):Diagram1
Windshield Washer Pump W/O Low Fluid Sensor:Diagram1
Windshield Wipers:Diagram1

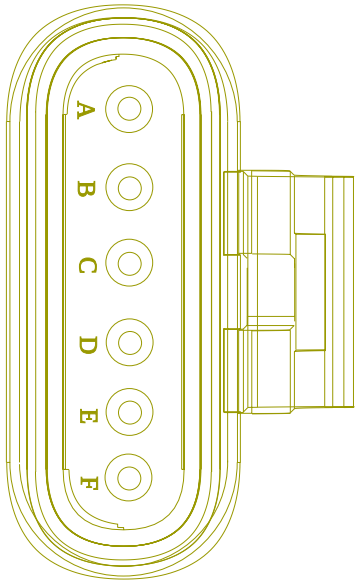
Mates A67_1800



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A1	-	-	AA56A	-	0.0	18.0	-	ORANGE	0.0	-	1	B03_1810
A2	-	-	AA57A	-	0.0	18.0	-	ORANGE	0.0	-	2	B03_1810
A3	-	-	AC11-GAA	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
A4	-	-	AC9V	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
A4	-	-	AC9V	-	0.0	18.0	-	GREY	0.0	-	X	-
A5	-	-	AA87A	-	0.0	18.0	-	GREY	0.0	-	12	B03_1810
A7	-	-	AA52A	-	0.0	18.0	-	YELLOW 2	0.0	-	3	B03_1810
A8	-	-	AA102A	-	0.0	18.0	-	YELLOW 2	0.0	-	4	B03_1810
B1	-	-	AA82B	-	0.0	18.0	-	GREY	0.0	-	5	B03_1810
B2	-	-	AB40A	-	0.0	18.0	-	GREY	0.0	-	1	B03_1812
B3	-	-	AB6H	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
C1	-	-	AA82A	-	0.0	20.0	-	GREY	0.0	-	-	-
C3	-	-	AG94SV	-	0.0	18.0	-	GREY	0.0	-	PIN1	-

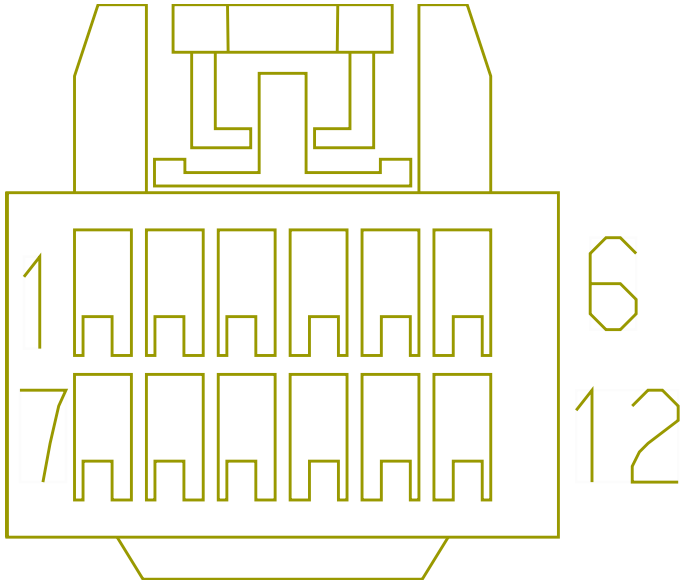
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
C9	-	-	AA82	-	0.0	18.0	-	GREY	0.0	-	8	B03_1810
C10	-	-	AG94SZ	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
C12	-	-	AM40	-	0.0	18.0	-	GREY	0.0	-	1	B03_1811
D5	-	-	AG94SE	-	0.0	18.0	-	GREY	0.0	-	1	B03_1826
D6	-	-	AG94SF	-	0.0	18.0	-	GREY	0.0	-	1	B03_1828

Connector Name	B03_1801
Part Number	1673744C1
Instances	Vehicle Acceleration (Wired to VCU):Diagram1
Mates	DEV-ACCEL_PEDAL-01



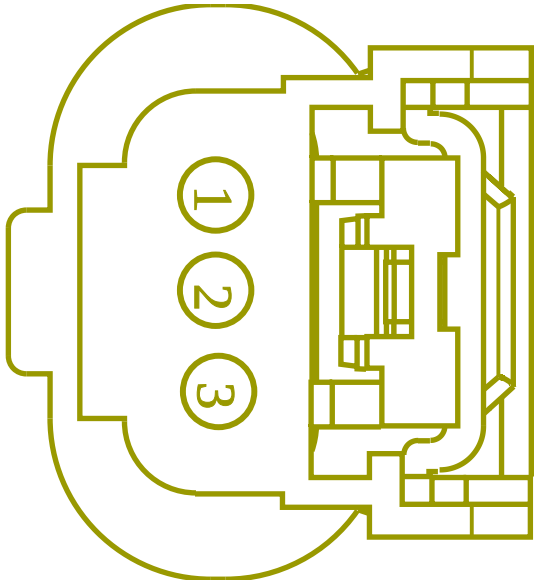
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	AA99V	-	0.0	18.0	-	VIOLET/ WHITE	0.0	-	C4	1800F
B	-	-	AA99Y	-	0.0	18.0	-	VIOLET	0.0	-	B4	1800F
C	-	-	AA99P	-	0.0	18.0	-	VIOLET/ BLACK	0.0	-	C5	1800F
D	-	-	AA99U	-	0.0	18.0	-	VIOLET/ WHITE	0.0	-	B5	1800F
E	-	-	AA99W	-	0.0	18.0	-	VIOLET	0.0	-	B6	1800F
F	-	-	AA99E	-	0.0	18.0	-	VIOLET/ BLACK	0.0	-	C6	1800F

Connector Name	B03_1810
Part Number	3539212C1
Instances	Directional Signals (Turn) (LED CAN) W/O Plow Lights, W/O Fender Lights:Diagram1 Headlights (LED CAN) W/O Plow Lights:Diagram1 Windshield Washer Pump & Low Fluid Sensor (MV, CE):Diagram1 Windshield Washer Pump W/O Low Fluid Sensor:Diagram1 Windshield Wipers:Diagram1
Mates	DEV-SW_MULTIFUNCTION-01



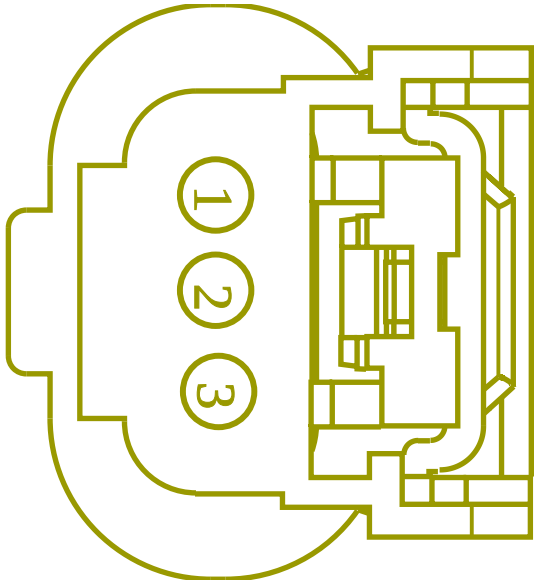
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	AA56A	-	0.0	18.0	-	ORANGE	0.0	-	A1	B03_1800F
2	-	-	AA57A	-	0.0	18.0	-	ORANGE	0.0	-	A2	B03_1800F
3	-	-	AA52A	-	0.0	18.0	-	YELLOW 2	0.0	-	A7	B03_1800F
4	-	-	AA102A	-	0.0	18.0	-	YELLOW 2	0.0	-	A8	B03_1800F
5	-	-	AA82B	-	0.0	18.0	-	GREY	0.0	-	B1	B03_1800F
6	-	-	AC87-G	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
7	-	-	AC9S	-	0.0	18.0	-	GREY	0.0	-	X	-
8	-	-	AA82	-	0.0	18.0	-	GREY	0.0	-	C9	B03_1800F
11	-	-	AA82A	-	0.0	20.0	-	GREY	0.0	-	C9	A67_1800
12	-	-	AA87A	-	0.0	18.0	-	GREY	0.0	-	A5	B03_1800F

Connector Name	B03_1811
Part Number	4196881C1
Instances	Compressed Air Supply (Primary & Secondary Gauge) (Dual Air Brake System):Diagram1 Compressed Air Supply (Primary & Secondary Gauge)(W/2 in 1 Inverter):Diagram1
Mates	DEV-AIR_PRESSURE_PRIMARY_S NSR-02



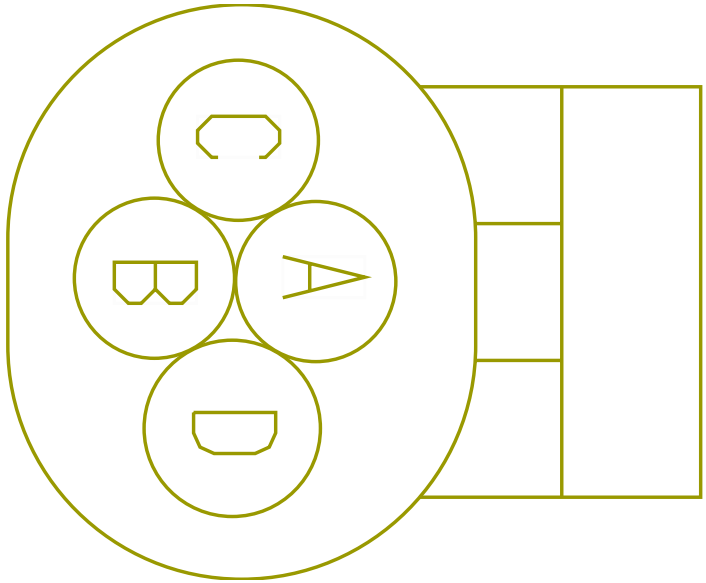
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	AM40	-	0.0	18.0	-	GREY	0.0	-	C12	B03_1800F
1	-	-	AM40	-	0.0	18.0	-	GREY	0.0	-	C12	1800F
2	-	-	AC9VC	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
2	-	-	AC9VC	-	0.0	18.0	-	GREY	0.0	-	X	-
3	-	-	AM6HB	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
3	-	-	AM6HB	-	0.0	18.0	-	GREY	0.0	-	X	-

Connector Name	B03_1812
Part Number	4196881C1
Instances	Compressed Air Supply (Primary & Secondary Gauge) (Dual Air Brake System):Diagram1 Compressed Air Supply (Primary & Secondary Gauge)(W/2 in 1 Inverter):Diagram1
Mates	DEV-AIR_PRESSURE_SECONDARY _SNSR-02



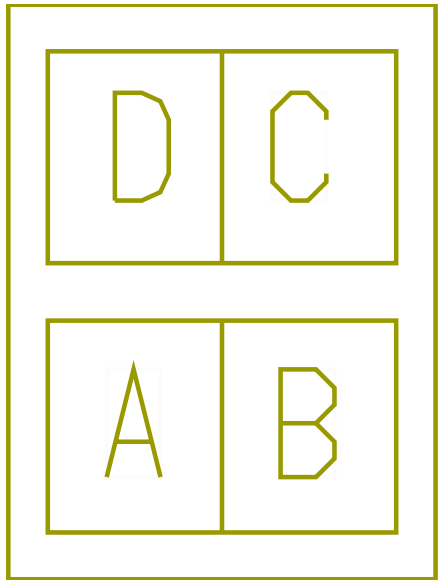
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	AB40A	-	0.0	18.0	-	GREY	0.0	-	B2	B03_1800F
1	-	-	AB40A	-	0.0	18.0	-	GREY	0.0	-	B2	1800F
2	-	-	AC9VE	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
2	-	-	AC9VE	-	0.0	18.0	-	GREY	0.0	-	X	-
3	-	-	AB6HA	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
3	-	-	AB6HA	-	0.0	18.0	-	GREY	0.0	-	X	-

Connector Name	B03_1813
Part Number	1661777C1
Instances	Park Brake Controls (W/VCU):Diagram1
Mates	DEV-PARK_BRAKE_SW-01



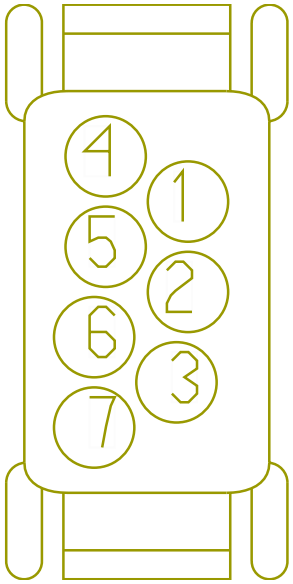
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
C	-	-	AM44BB	-	0.0	18.0	-	GREY	0.0	-	B3	1800F
D	-	-	AC9VD	-	0.0	18.0	-	GREY	0.0	-	X	-

Connector Name	B03_1820F
Part Number	1667529C1
Instances	Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1
Mates	A67_1820M



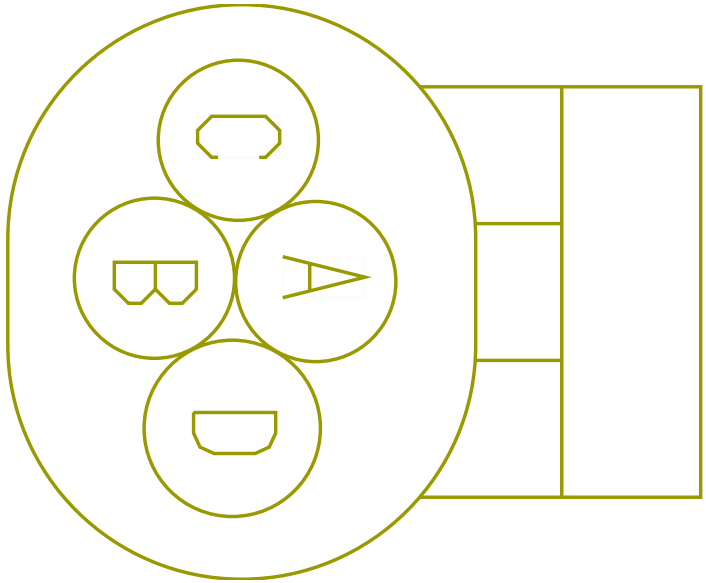
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	AG94SA	-	0.0	20.0	-	GREY	0.0	-	2	B03_1821
B	-	-	AG94SB	-	0.0	20.0	-	GREY	0.0	-	3	B03_1821
C	-	-	AG94SC	-	0.0	20.0	-	GREY	0.0	-	1	B03_1821
D	-	-	AG94SD	-	0.0	20.0	-	GREY	0.0	-	4	B03_1821

Connector Name	B03_1821
Part Number	3601800C1
Instances	Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1
Mates	DEV-STEERING_ANGLE-01



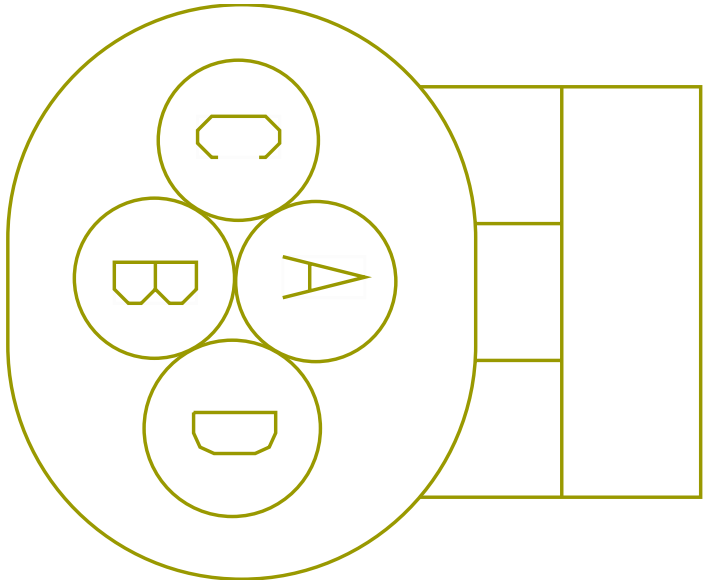
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	AG94SC	-	0.0	20.0	-	GREY	0.0	-	C	B03_1820F
2	-	-	AG94SA	-	0.0	20.0	-	GREY	0.0	-	A	B03_1820F
3	-	-	AG94SB	-	0.0	20.0	-	GREY	0.0	-	B	B03_1820F
4	-	-	AG94SD	-	0.0	20.0	-	GREY	0.0	-	D	B03_1820F

Connector Name	B03_1823
Part Number	1661777C1
Instances	Service Brake Switch (2 SLS/ 1 Transducer/ 2 RDS to VCU):Diagram1
Mates	DEV-SERVICE_BRAKE-01



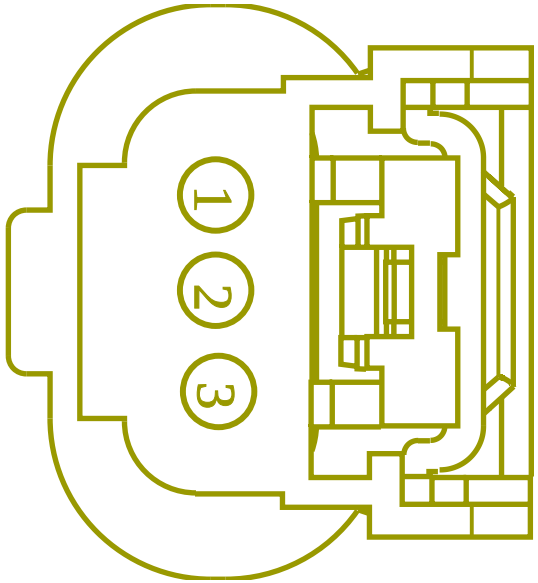
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
C	-	-	AB70A	-	0.0	18.0	-	ORANGE	0.0	-	A6	1800F
D	-	-	AC9VG	-	0.0	18.0	-	GREY	0.0	-	X	-

Connector Name	B03_1824
Part Number	1661777C1
Instances	Service Brake Switch (2 SLS/ 1 Transducer/ 2 RDS to VCU):Diagram1
Mates	DEV-SERVICE_BRAKE-02



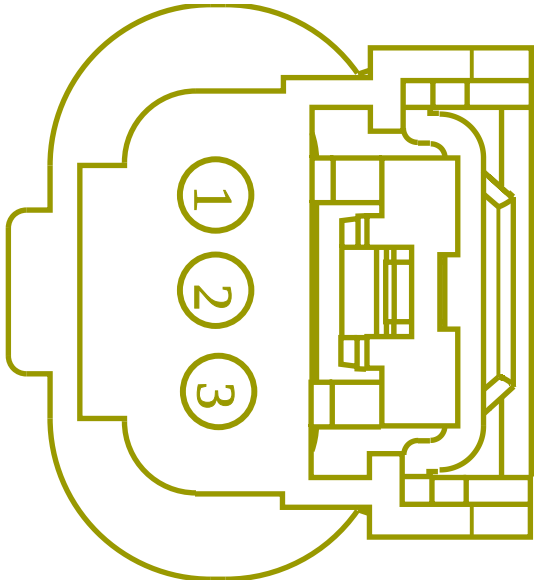
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
C	-	-	AB70	-	0.0	18.0	-	ORANGE	0.0	-	B9	1800F
D	-	-	AC9VH	-	0.0	18.0	-	GREY	0.0	-	X	-

Connector Name	B03_1826
Part Number	4196881C1
Instances	Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1
Mates	DEV-PRIMARY_PT-02



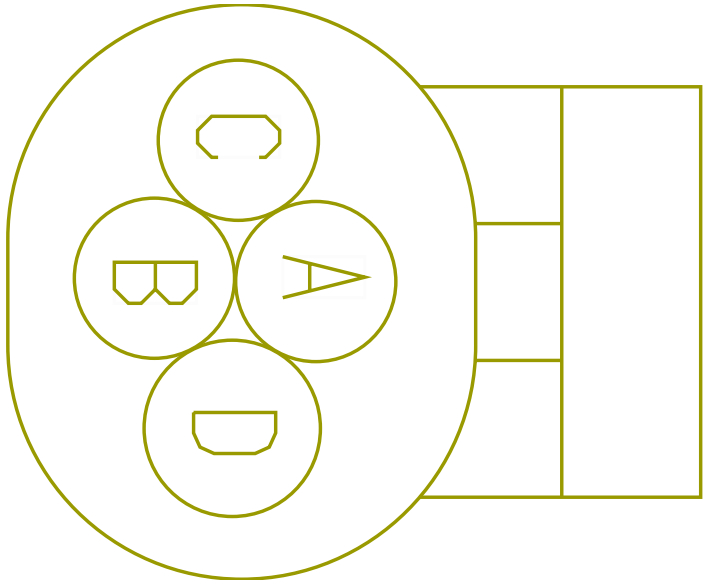
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	AG94SE	-	0.0	18.0	-	GREY	0.0	-	D5	B03_1800F
2	-	-	AG94SZA	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
3	-	-	AG94SVA	-	0.0	18.0	-	GREY	0.0	-	PIN1	-

Connector Name	B03_1828
Part Number	4196881C1
Instances	Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1
Mates	DEV-SECONDARY_PT-02



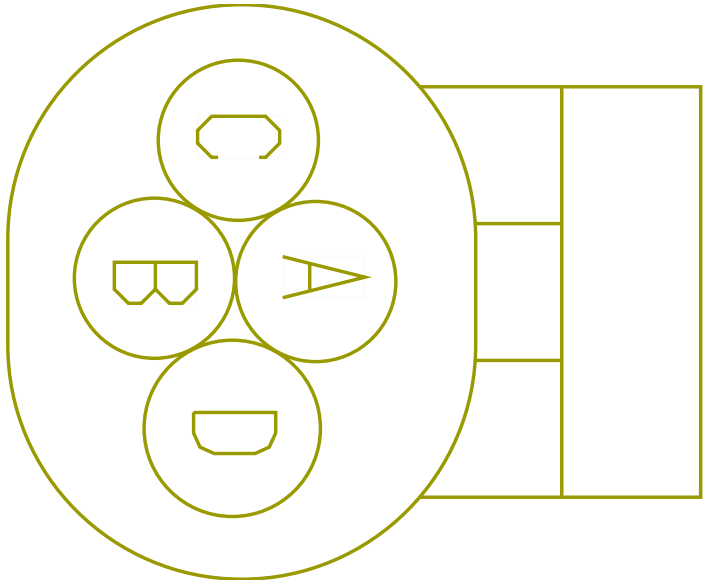
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	AG94SF	-	0.0	18.0	-	GREY	0.0	-	D6	B03_1800F
2	-	-	AG94SZB	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
3	-	-	AG94SVB	-	0.0	18.0	-	GREY	0.0	-	PIN1	-

Connector Name	B03_1829
Part Number	1661777C1
Instances	Service Brake Switch (2 SLS/ 1 Transducer/ 2 RDS to VCU):Diagram1
Mates	DEV-REDUNDANT_SERVICE_BRAK E-01



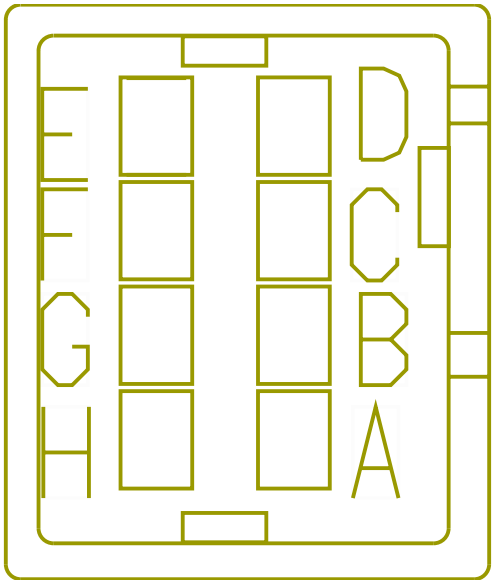
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
C	-	-	AK70BB	-	0.0	18.0	-	GREY	0.0	-	D1	1800F
D	-	-	AK70AA	-	0.0	18.0	-	GREY	0.0	-	X	-

Connector Name	B03_1831
Part Number	1661777C1
Instances	Service Brake Switch (2 SLS/ 1 Transducer/ 2 RDS to VCU):Diagram1
Mates	DEV-SECOND_REDUNDANT_SERVI CE_BRAKE-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
C	-	-	AK70A	-	0.0	18.0	-	GREY	0.0	-	D4	1800F
D	-	-	AK70AB	-	0.0	18.0	-	GREY	0.0	-	X	-

Connector Name	D38_2500F
Part Number	3515763C1
Instances	CB Radio Power Only:Diagram1
Mates	D43_2500M

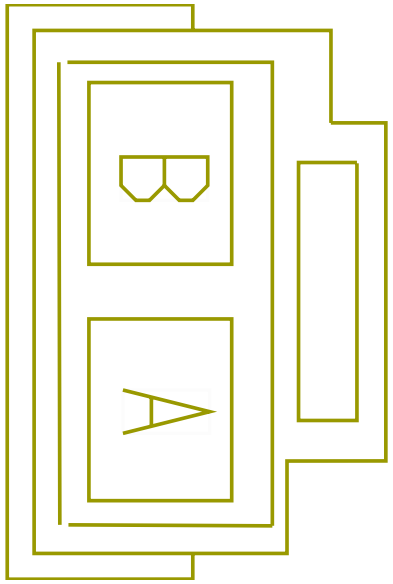


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	D86F	-	0.0	16.0	-	LIGHT GREEN	0.0	-	2	D49_2000F
B	-	-	D63-GL	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-

Connector Name	D43_2303F
Part Number	1661196C1
Instances	CB Radio Power Only:Diagram1
Mates	D43_2303M

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	C86M	-	0.0	16.0	-	LIGHT GREEN	0.0	-	A	D43_2310
B	-	-	CG86-GG	-	0.0	16.0	-	WHITE	0.0	-	A	D43_2311

Connector Name	D43_2303M
Part Number	1661197C1
Instances	CB Radio Power Only:Diagram1
Mates	D43_2303F



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	C86F	-	0.0	16.0	-	LIGHT GREEN	0.0	-	A	D43_2500M
B	-	-	C86-GF	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-

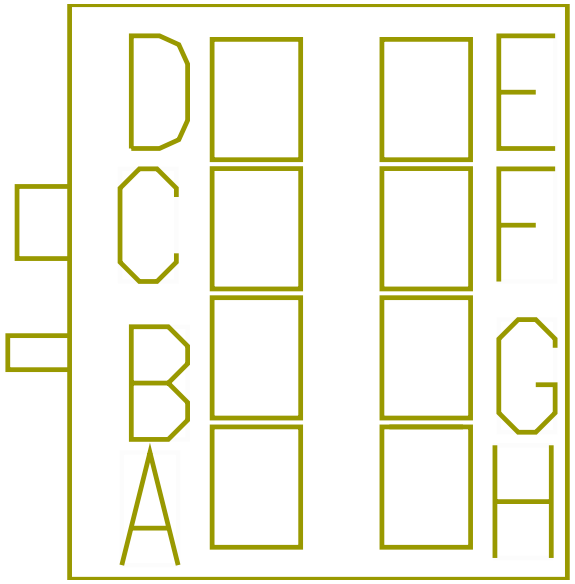
Connector Name	D43_2310
Part Number	BLUNT_SL_VC
Instances	CB Radio Power Only:Diagram1
Mates	BLNT-CB+VE-01

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	C86M	-	0.0	16.0	-	LIGHT GREEN	0.0	-	A	D43_2303F

Connector Name	D43_2311
Part Number	BLUNT_SL_VC
Instances	CB Radio Power Only:Diagram1
Mates	BLNT-CB-VE-01

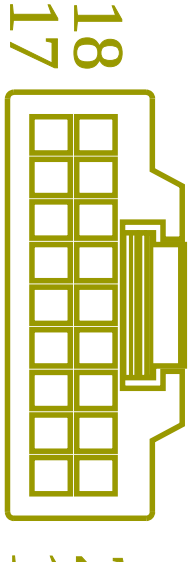
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	CG86-GG	-	0.0	16.0	-	WHITE	0.0	-	B	D43_2303F

Connector Name	D43_2500M
Part Number	3515762C1
Instances	CB Radio Power Only:Diagram1
Mates	D38_2500F



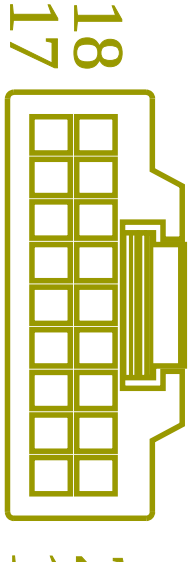
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	C86F	-	0.0	16.0	-	LIGHT GREEN	0.0	-	A	D43_2303M
B	-	-	C63-GL	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-

Connector Name	D49_1972
Part Number	4166862C1
Instances	Camera (LYTX Prewire) W/Event Recording Button:Diagram2
Mates	DEV-LYTX_AVM_ADAPTER-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	ER98C	-	0.0	22.0	-	LIGHT GREEN	0.0	-	3	D49_1980
2	-	-	ER98D	-	0.0	22.0	-	LIGHT BLUE	0.0	-	4	D49_1980
3	-	-	ER98A	-	0.0	22.0	-	TAN	0.0	-	1	D49_1980
4	-	-	ER98B	-	0.0	22.0	-	ORANGE	0.0	-	2	D49_1980
10	-	-	ER124A	-	0.0	22.0	-	BLACK	0.0	-	10	D49_1980
11	-	-	ER124B	-	0.0	22.0	-	BLACK	0.0	-	11	D49_1980
12	-	-	ER124C	-	0.0	22.0	-	BLACK	0.0	-	12	D49_1980
13	-	-	ER124F	-	0.0	22.0	-	GREY	0.0	-	9	D49_1980
14	-	-	ER13E	-	0.0	22.0	-	PINK	0.0	-	1	-
15	-	-	ER14G	-	0.0	22.0	-	RED	0.0	-	PIN1	-
16	-	-	ER14H	-	0.0	22.0	-	RED	0.0	-	PIN1	-
17	-	-	ER11-GLE	-	0.0	22.0	-	WHITE	0.0	-	X	-
18	-	-	ER11-GLF	-	0.0	22.0	-	WHITE	0.0	-	X	-

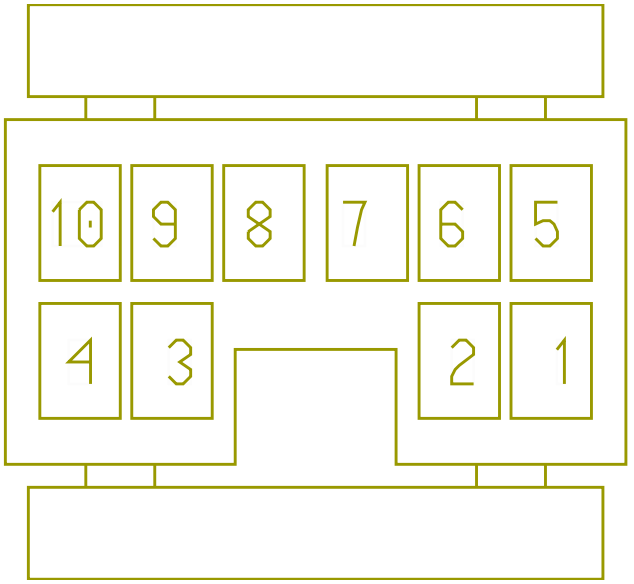
Connector Name	D49_1980
Part Number	4166862C1
Instances	Camera (LYTX Prewire) W/Event Recording Button:Diagram2
Mates	DEV-LYTX_ERSF_PREWIRE-02



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	ER98A	-	0.0	22.0	-	TAN	0.0	-	3	D49_1972
2	-	-	ER98B	-	0.0	22.0	-	ORANGE	0.0	-	4	D49_1972
3	-	-	ER98C	-	0.0	22.0	-	LIGHT GREEN	0.0	-	1	D49_1972
4	-	-	ER98D	-	0.0	22.0	-	LIGHT BLUE	0.0	-	2	D49_1972
7	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-	-	-
9	-	-	ER124F	-	0.0	22.0	-	GREY	0.0	-	13	D49_1972
10	-	-	ER124A	-	0.0	22.0	-	BLACK	0.0	-	10	D49_1972
11	-	-	ER124B	-	0.0	22.0	-	BLACK	0.0	-	11	D49_1972
12	-	-	ER124C	-	0.0	22.0	-	BLACK	0.0	-	12	D49_1972
14	-	-	ER13D	-	0.0	22.0	-	PINK	0.0	-	1	-
15	-	-	ER14E	-	0.0	22.0	-	RED	0.0	-	X	-
16	-	-	ER14D	-	0.0	22.0	-	RED	0.0	-	X	-

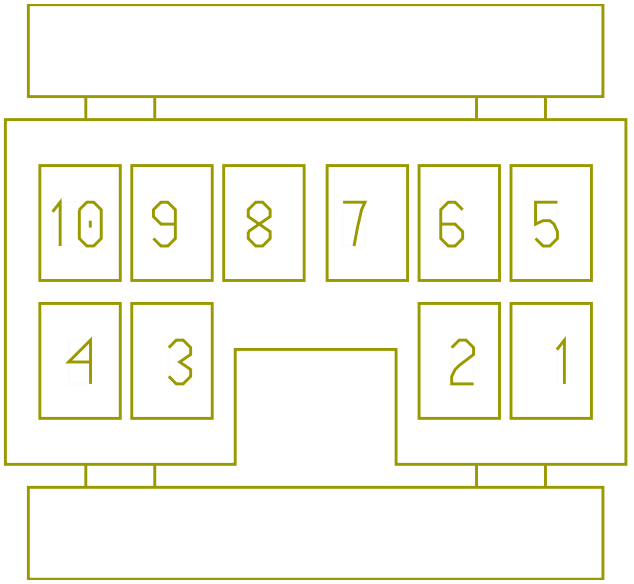
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
17	-	-	ER11-GLB	-	0.0	22.0	-	WHITE	0.0	-	X	-
18	-	-	ER11-GLC	-	0.0	22.0	-	WHITE	0.0	-	X	-

Connector Name	D49_2000F
Part Number	3544687C1
Instances	Cab Dome Light W/Classic Trim (MV, HV, HX):Diagram1 Cab Dome Lights (CA 2.0 Standard Cab/Low Rise Sleeper):Diagram1 CB Radio Power Only:Diagram1 Clearance and Identification Lights N/SUNSHADE AMBER LENS:Diagram1 Interior Task Lighting (Map Light) (CA 2.0 Standard Cab/Low Rise Sleeper):Diagram1
Mates	A67_2000



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	EC58T	-	0.0	18.0	-	BROWN	0.0	-	PIN1	-
2	-	-	D86F	-	0.0	16.0	-	LIGHT GREEN	0.0	-	A	D38_2500F
3	-	-	EC63-GA	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
3	-	-	D63-GA	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
4	-	-	EG63D	-	0.0	18.0	-	DARK BLUE	0.0	-	PIN1	-
5	-	-	EG63E	-	0.0	18.0	-	DARK BLUE	0.0	-	PIN1	-

Connector Name	D49_2000F
Part Number	3544687C1
Instances	Over The Air Electrical I/O (OnCommand Link / N2 Module N/ Engine Diagnostic Connector):Diagram1
Mates	A67_2000



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
3	-	-	EH63-GA	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-

Connector Name	D49_2002M
Part Number	1661259C1
Instances	Clearance and Identification Lights N/SUNSHADE AMBER LENS:Diagram1
Mates	DEV-CLEARANCE_LIGHT_LH-01

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	EC58Z	-	0.0	18.0	-	BROWN	0.0	-	PIN1	-
B	-	-	EC58-GD	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	D49_2003M
Part Number	1661259C1
Instances	Clearance and Identification Lights N/SUNSHADE AMBER LENS:Diagram1
Mates	DEV-IDENTIFICATION_LIGHT_L H-01

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	EC58M	-	0.0	18.0	-	BROWN	0.0	-	PIN1	-
B	-	-	EC58-GE	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	D49_2004M
Part Number	1661259C1
Instances	Clearance and Identification Lights N/SUNSHADE AMBER LENS:Diagram1
Mates	DEV-IDENTIFICATION_LIGHT_M ID-01

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	EC58N	-	0.0	18.0	-	BROWN	0.0	-	PIN1	-
B	-	-	EC58-GF	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

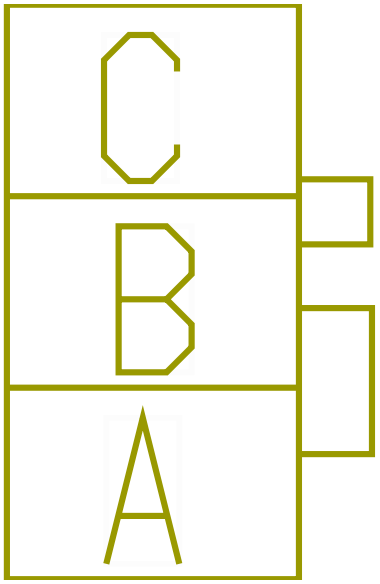
Connector Name	D49_2005M
Part Number	1661259C1
Instances	Clearance and Identification Lights N/SUNSHADE AMBER LENS:Diagram1
Mates	DEV-IDENTIFICATION_LIGHT_R H-01

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	EC58P	-	0.0	18.0	-	BROWN	0.0	-	PIN1	-
B	-	-	EC58-GH	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	D49_2006M
Part Number	1661259C1
Instances	Clearance and Identification Lights N/SUNSHADE AMBER LENS:Diagram1
Mates	DEV-CLEARANCE_LIGHT_RH-01

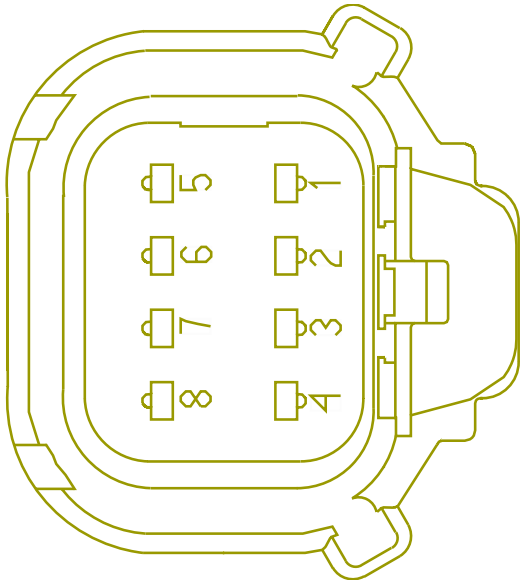
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	EC58R	-	0.0	18.0	-	BROWN	0.0	-	PIN1	-
B	-	-	EC58-GJ	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	D49_2115M
Part Number	1661889C1
Instances	Cab Dome Light W/Classic Trim (MV, HV, HX):Diagram1 Cab Dome Lights (CA 2.0 Standard Cab/Low Rise Sleeper):Diagram1 Interior Task Lighting (Map Light) (CA 2.0 Standard Cab/Low Rise Sleeper):Diagram1
Mates	DEV-FRONT_CAB_DOME_DAY-01



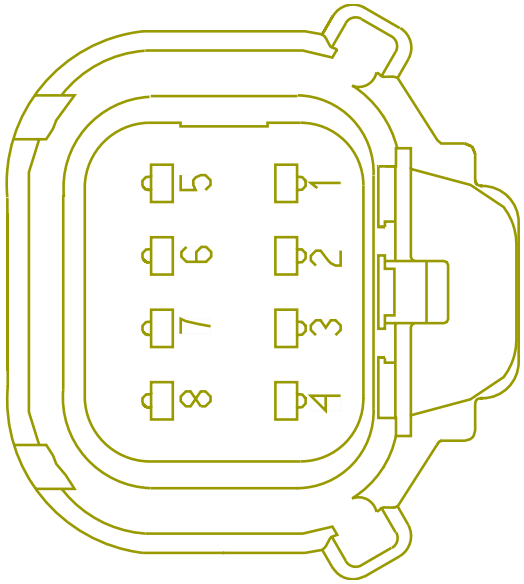
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	EG63EB	-	0.0	18.0	-	DARK BLUE	0.0	-	PIN1	-
B	-	-	EG63-GH	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
C	-	-	EG63DB	-	0.0	18.0	-	DARK BLUE	0.0	-	PIN1	-

Connector Name	D49_240
Part Number	3709924C1
Instances	Body Standard J1939 (250Kbps):Body Standard J1939 (250Kbps)
Mates	DEV-ONCOMMAND_LINK_N2-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
2	-	-	WIRE728832	-	0.0	-	-	-	0.0	-	1	-
6	-	-	WIRE728829	-	0.0	-	-	-	0.0	-	X	-

Connector Name	D49_240
Part Number	3709924C1
Instances	Electronic Logging Device (ELD) Indicator (J1939 Switchpack Indicator):Diagram1 Over The Air Electrical I/O (OnCommand Link / N2 Module N/ Engine Diagnostic Connector):Diagram1 Over the Air Programming (OnCommand Link / N2 Module):Diagram1 Seatbelt Reminder (Warning)(Driver only):Diagram1
Mates	DEV-ONCOMMAND_LINK_N2-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	EL180G	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
2	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	EL14KBB	-	0.0	18.0	-	RED	0.0	-	C	D49_250F
6	-	-	-	-	-	-	-	-	-	-	-	-

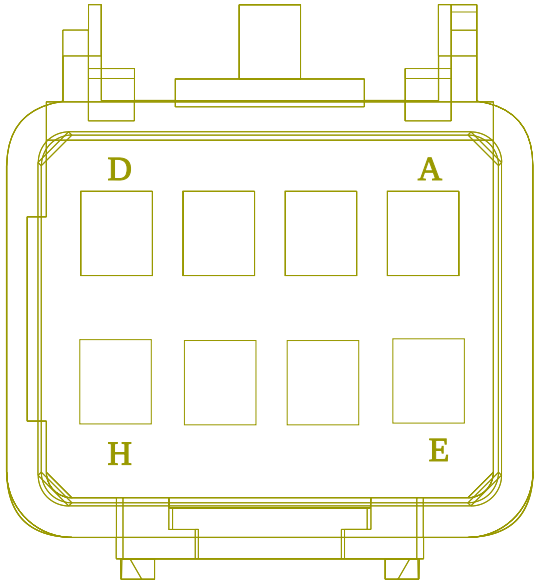
Connector Name	D49_241S
Part Number	1661259C1
Instances	Antenna (Shark Fin, AM/FM/WB only):Diagram1
Mates	DEV-ANTENNA_SHARKFIN-02

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	EP86AKS	-	0.0	18.0	-	LIGHT BLUE	0.0	-	D	D49_250F

Connector Name	D49_241
Part Number	1661259C1
Instances	Antenna (Shark Fin, Day Cab, OTAPM, AM/FM, XM Radio):Diagram1
Mates	DEV-ANTENNA_SHARKFIN-01

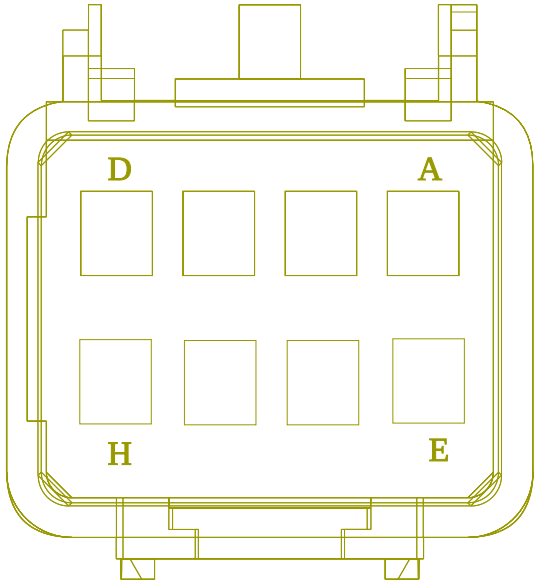
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	EF86AK	-	0.0	18.0	-	LIGHT BLUE	0.0	-	D	D49_250F

Connector Name	D49_250F
Part Number	4064552C1
Instances	Body Standard J1939 (250Kbps):Body Standard J1939 (250Kbps) Over The Air Electrical I/O (OnCommand Link / N2 Module N/ Engine Diagnostic Connector):Diagram1
Mates	A67_250M



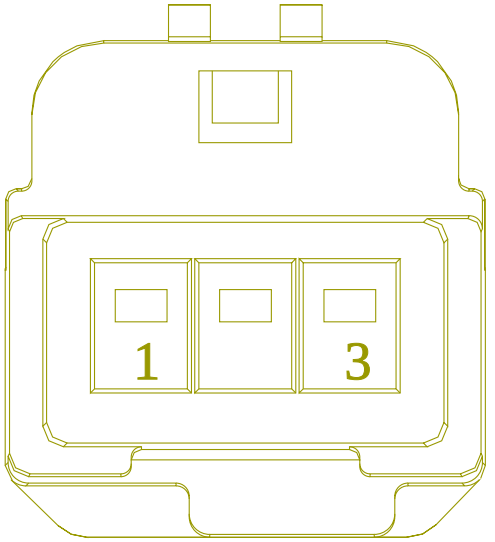
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE728831	-	0.0	-	-	-	0.0	-	1	-
B	-	-	WIRE728830	-	0.0	-	-	-	0.0	-	X	-
C	-	-	EL14KBB	-	0.0	18.0	-	RED	0.0	-	5	D49_240
E	-	-	WIRE728833	-	0.0	-	-	-	0.0	-	1	-
F	-	-	WIRE728834	-	0.0	-	-	-	0.0	-	X	-

Connector Name	D49_250F
Part Number	4064552C1
Instances	Antenna (Shark Fin, AM/FM/WB only):Diagram1 Antenna (Shark Fin, Day Cab, OTAPM, AM/FM, XM Radio):Diagram1
Mates	A67_250M



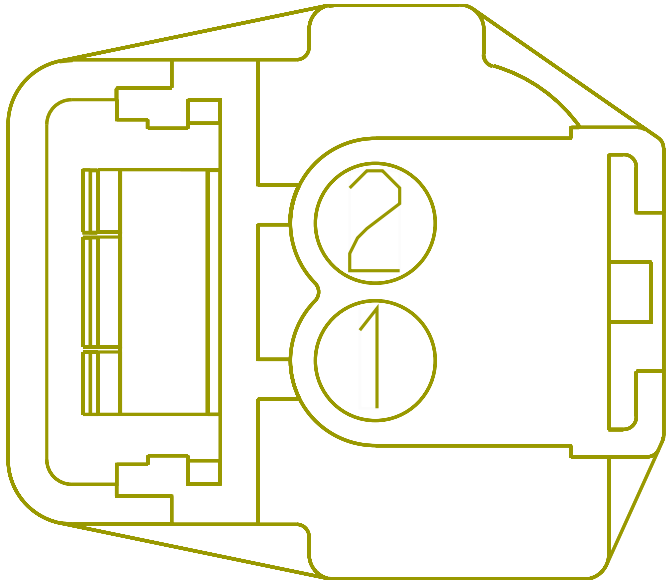
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
D	-	-	EP86AKS	-	0.0	18.0	-	LIGHT BLUE	0.0	-	A	D49_241S
D	-	-	EF86AK	-	0.0	18.0	-	LIGHT BLUE	0.0	-	A	D49_241

Connector Name	D80_100
Part Number	3767577C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Radio W/ Bluetooth:Diagram1 Radio W/ Bluetooth & W/ Steering Wheel Pod:Diagram1
Mates	DEV-BT__MICROPHONE-01_2008 -04-04:A



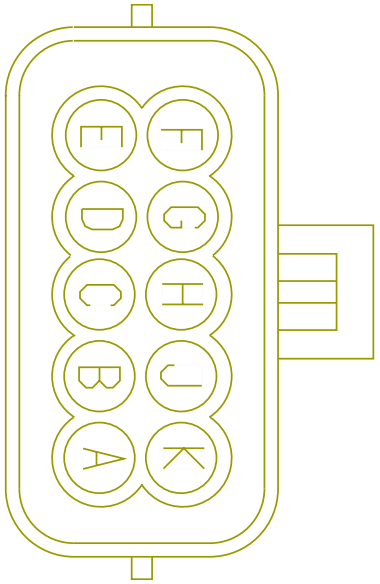
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
2	-	-	86A(+)	-	0.0	20.0	-	LIGHT GREEN	0.0	-	2	D80_2505M
2	-	-	WIRE775903	-	0.0	-	-	-	0.0	-	2	D80_2505M
3	-	-	86A(-)	-	0.0	20.0	-	LIGHT GREEN	0.0	-	1	D80_2505M
3	-	-	WIRE775902	-	0.0	-	-	-	0.0	-	1	D80_2505M

Connector Name	D80_2505M
Part Number	3920483C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Radio W/ Bluetooth:Diagram1 Radio W/ Bluetooth & W/ Steering Wheel Pod:Diagram1
Mates	A67_2505



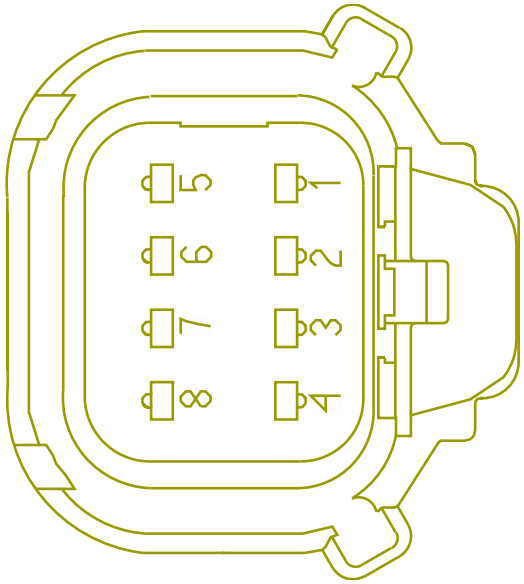
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	86A(-)	-	0.0	20.0	-	LIGHT GREEN	0.0	-	3	D80_100
1	-	-	WIRE775902	-	0.0	-	-	-	0.0	-	3	D80_100
2	-	-	86A(+)	-	0.0	20.0	-	LIGHT GREEN	0.0	-	2	D80_100
2	-	-	WIRE775903	-	0.0	-	-	-	0.0	-	2	D80_100

Connector Name	E01_DS_3000
Part Number	3538634C1
Instances	Mirrors (Heated) (Door Pod Actuated 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Mates	DEV-DS_MIRROR-01



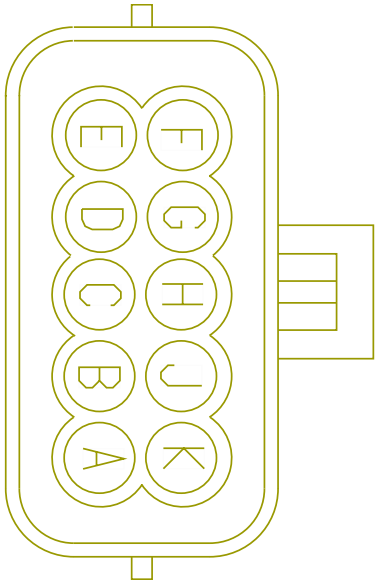
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
G	-	-	EA78AA	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1130.0	-	G	E01_PS_ 3000
H	-	-	EN78-GB	-	0.0	16.0	-	WHITE	0.0	-	X	-
H	-	-	EA78-GF	3510360 R1	1.16	16.0	Thin Wall XLPE Primary Cable	WHITE	1130.0	-	H	E01_PS_ 3000

Connector Name	E01_DS_3203M
Part Number	3709924C1
Instances	Mirrors (Heated) (Door Pod Actuated 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Mates	DEV-FRONT_DS_DOOR_POD-01



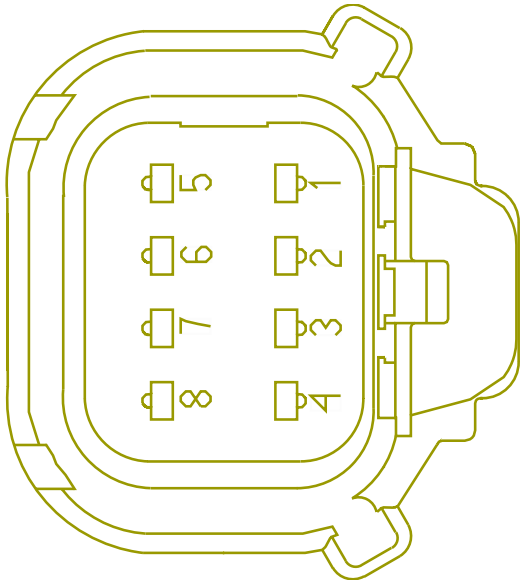
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	EA78AA	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1130.0	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	EM78-GF	-	0.0	16.0	-	WHITE	0.0	-	X	-
8	-	-	EA78-GF	3510360 R1	1.16	16.0	Thin Wall XLPE Primary Cable	WHITE	1130.0	-	-	-

Connector Name	E01_PS_3000
Part Number	3538634C1
Instances	Mirrors (Heated) (Door Pod Actuated 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Mates	DEV-PS_MIRROR-01



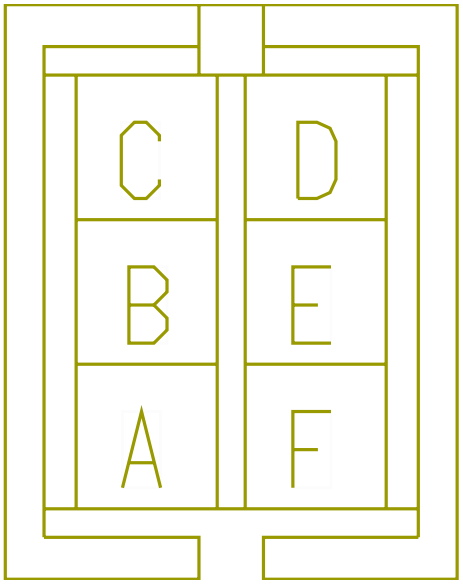
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
G	-	-	EA78AA	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1130.0	-	G	E01_DS_3000
H	-	-	EN78-GB	-	0.0	16.0	-	WHITE	0.0	-	-	-
H	-	-	EA78-GF	3510360 R1	1.16	16.0	Thin Wall XLPE Primary Cable	WHITE	1130.0	-	H	E01_DS_3000

Connector Name	E01_PS_3203M
Part Number	3709924C1
Instances	Mirrors (Heated) (Door Pod Actuated 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Mates	DEV-FRONT_PS_DOOR_POD-01



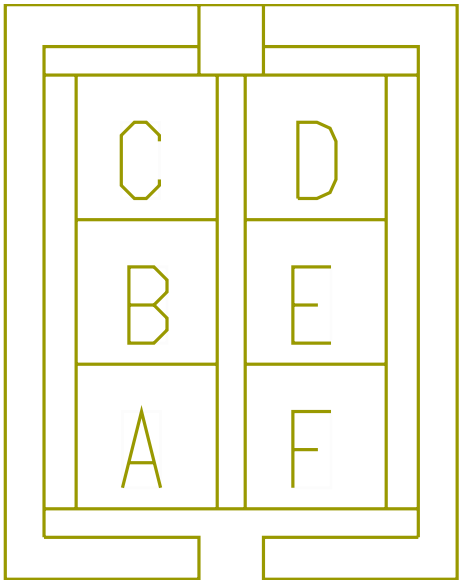
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	EA78AA	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1130.0	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	EM78-GF	-	0.0	16.0	-	WHITE	0.0	-	-	-
8	-	-	EA78-GF	3510360 R1	1.16	16.0	Thin Wall XLPE Primary Cable	WHITE	1130.0	-	-	-

Connector Name	E01_3000M
Part Number	1661200C1
Instances	Mirror Lighting (Turns N/ Door Pods):Diagram1 Mirror Lighting (Turns W/ Door Pods):Diagram1 Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Mates	A67_3000F



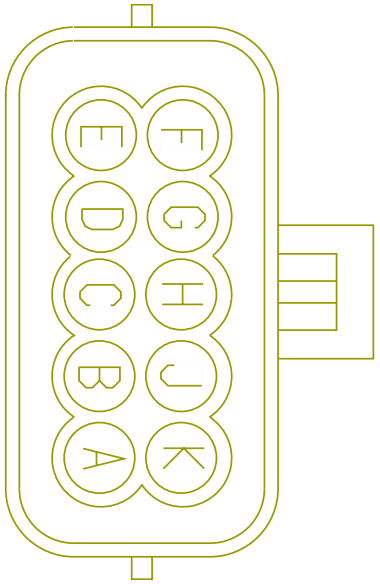
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	EL56D	-	0.0	18.0	-	ORANGE	0.0	-	E	E01_3000
B	-	-	EK78A	-	0.0	18.0	-	LIGHT GREEN	0.0	-	G	E01_3000

Connector Name	E01_3000M
Part Number	1661200C1
Instances	Mirror Lighting (Turns N/ Door Pods):Diagram1 Mirror Lighting (Turns W/ Door Pods):Diagram1 Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Mates	A67_3100F



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	FL56D	-	0.0	18.0	-	ORANGE	0.0	-	E	E01_3000
B	-	-	FH78A	-	0.0	18.0	-	LIGHT GREEN	0.0	-	G	E01_3000

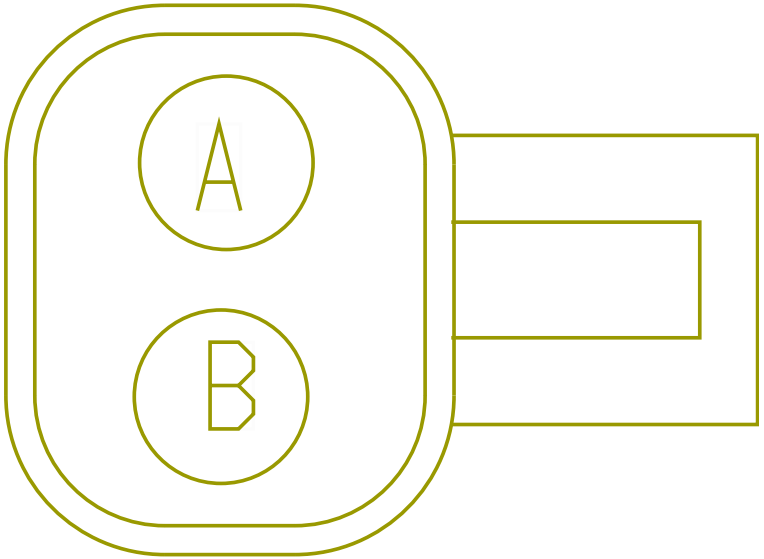
Connector Name	E01_3000
Part Number	3538634C1
Instances	Ambient Temperature (No Display, Mirror Sensor, VCU):Diagram1 Mirror Lighting (Turns N/ Door Pods):Diagram1 Mirror Lighting (Turns W/ Door Pods):Diagram1 Mirrors (Heated) (Door Pod Actuated, 2 Cab and 2 Hood Mirrors):Diagram1 Mirrors (Heated) (Door Pod Actuated, Cab Mounted, 1-Door):Diagram1 Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1 Mirrors (Power) (2 Door Pods):Diagram1
Mates	DEV-DS_MIRROR-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	EB78G	-	0.0	18.0	-	LIGHT GREEN	0.0	-	5	E01_3203M
A	-	-	FB78G	-	0.0	18.0	-	LIGHT GREEN	0.0	-	5	E01_3203M
B	-	-	EB78C	-	0.0	18.0	-	LIGHT GREEN	0.0	-	4	E01_3203M
B	-	-	FB78C	-	0.0	18.0	-	LIGHT GREEN	0.0	-	4	E01_3203M
C	-	-	ET41D	3510329 R1	0.79	18.0	Thin Wall XLPE Primary Cable	TAN	1025.0	-	E	3200F
D	-	-	ET41E	3510329 R1	0.79	18.0	Thin Wall XLPE Primary Cable	TAN	1025.0	-	F	3200F
E	-	-	EL56D	-	0.0	18.0	-	ORANGE	0.0	-	A	E01_3000M

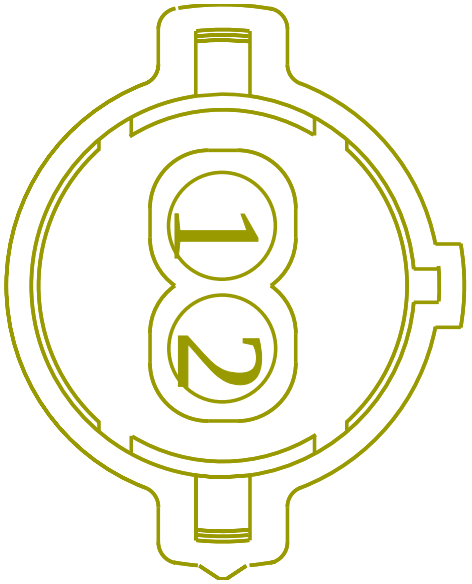
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
E	-	-	FL56D	-	0.0	18.0	-	ORANGE	0.0	-	A	E01_3000M
F	-	-	EB78H	-	0.0	20.0	-	YELLOW 2	0.0	-	6	E01_3203M
F	-	-	FB78H	-	0.0	20.0	-	YELLOW 2	0.0	-	6	E01_3203M
G	-	-	EA78AA	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1130.0	-	1	E01_3203M
G	-	-	FA78AA	-	0.0	16.0	-	LIGHT GREEN	0.0	-	1	E01_3203M
G	-	-	EK78A	-	0.0	18.0	-	LIGHT GREEN	0.0	-	B	E01_3000M
G	-	-	FH78A	-	0.0	18.0	-	LIGHT GREEN	0.0	-	B	E01_3000M
H	-	-	EA78-GF	3510360 R1	1.16	16.0	Thin Wall XLPE Primary Cable	WHITE	1130.0	-	8	E01_3203M
H	-	-	FA78-GF	-	0.0	16.0	-	WHITE	0.0	-	8	E01_3203M
H	-	-	FH78-GE	-	0.0	16.0	-	WHITE	0.0	-	D	E01_3200F
H	-	-	EK78-GH	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
H	-	-	FU78-GA	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
H	-	-	EH78-GE	-	0.0	16.0	-	WHITE	0.0	-	D	E01_3200F
H	-	-	EA78-GF	-	0.0	16.0	-	WHITE	0.0	-	8	E01_3203M

Connector Name	E01_3003M
Part Number	1671610C1
Instances	Power Door Locks (2-Door):Diagram1
Mates	DEV-FRONT_PS_LOCK_MOTOR-01



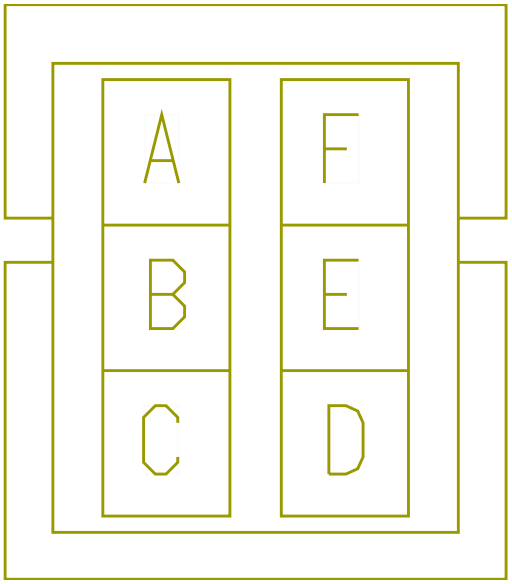
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	EU81LA	-	0.0	14.0	-	LIGHT GREEN	0.0	-	3	E01_3201M
A	-	-	FU81LA	-	0.0	14.0	-	LIGHT GREEN	0.0	-	3	E01_3201M
B	-	-	EU81LB	-	0.0	14.0	-	LIGHT GREEN	0.0	-	4	E01_3201M
B	-	-	FU81LB	-	0.0	14.0	-	LIGHT GREEN	0.0	-	4	E01_3201M

Connector Name	E01_3100M
Part Number	3767181C1
Instances	Power Windows (2-Door):Diagram1
Mates	DEV-PS_WINDOW_MOT-01



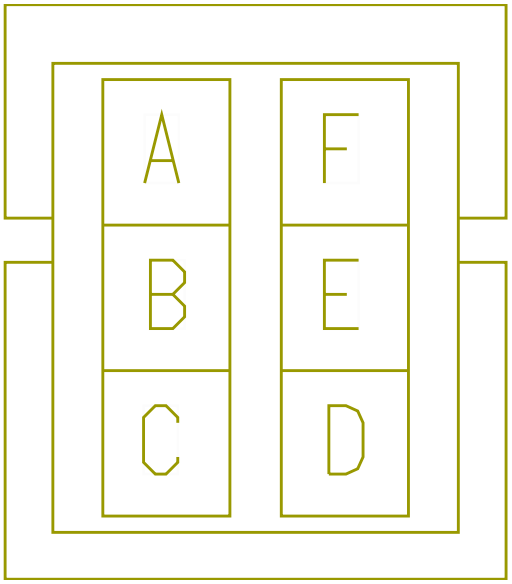
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	FU83B	-	0.0	14.0	-	LIGHT GREEN	0.0	-	2	E01_3201M
1	-	-	FW83B	-	0.0	14.0	-	LIGHT GREEN	0.0	-	2	E01_3201M
2	-	-	FU83A	-	0.0	14.0	-	LIGHT GREEN	0.0	-	1	E01_3201M
2	-	-	FW83A	-	0.0	14.0	-	LIGHT GREEN	0.0	-	1	E01_3201M

Connector Name	E01_3200F
Part Number	1661201C1
Instances	Low Speed J1939 (125Kbps):Low Speed J1939 (125Kbps) Mirror Lighting (Turns N/ Door Pods):Diagram1 Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1 Power Door Locks (2-Door):Diagram1 Remote Keyless Access:Diagram1
Mates	A67_3204M



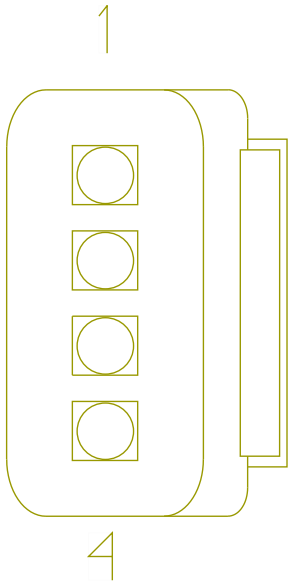
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	WIRE196495	-	0.0	-	-	-	0.0	-	3	3202M
B	-	-	WIRE196494	-	0.0	-	-	-	0.0	-	2	3202M
C	-	-	FU81B	-	0.0	12.0	-	LIGHT GREEN	0.0	-	1	E01_3202M
C	-	-	FW81A	-	0.0	12.0	-	LIGHT GREEN	0.0	-	1	E01_3202M
D	-	-	FC81-GB	-	0.0	12.0	-	WHITE	0.0	-	4	E01_3202M
D	-	-	FU81-GA	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-
D	-	-	FH78-GE	-	0.0	16.0	-	WHITE	0.0	-	H	E01_3000
D	-	-	FW81-GB	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-
D	-	-	FG78-GC	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-

Connector Name	E01_3200F
Part Number	1661201C1
Instances	Low Speed J1939 (125Kbps):Low Speed J1939 (125Kbps) Mirror Lighting (Turns N/ Door Pods):Diagram1 Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1 Power Door Locks (2-Door):Diagram1
Mates	A67_3200M



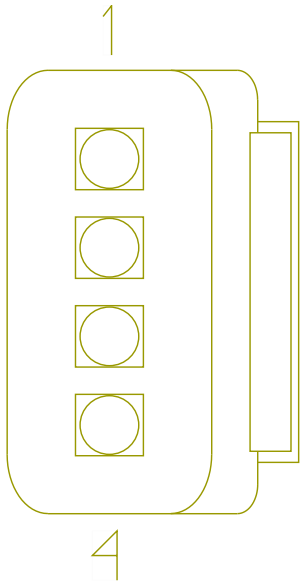
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	WIRE196493	-	0.0	-	-	-	0.0	-	3	E01_3202M
B	-	-	WIRE196492	-	0.0	-	-	-	0.0	-	2	E01_3202M
C	-	-	EU81B	-	0.0	12.0	-	LIGHT GREEN	0.0	-	1	E01_3202M
D	-	-	EC81-GA	-	0.0	12.0	-	WHITE	0.0	-	4	E01_3202M
D	-	-	EU78-GJ	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
D	-	-	EK78-GJ	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
D	-	-	EH78-GE	-	0.0	16.0	-	WHITE	0.0	-	H	E01_3000

Connector Name	E01_3201M
Part Number	3709437C1
Instances	Power Door Locks (2-Door):Diagram1 Power Windows (2-Door):Diagram1
Mates	DEV-FRONT_DS_DOOR_POD-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	FU83A	-	0.0	14.0	-	LIGHT GREEN	0.0	-	2	E01_3100M
1	-	-	FW83A	-	0.0	14.0	-	LIGHT GREEN	0.0	-	2	E01_3100M
2	-	-	FU83B	-	0.0	14.0	-	LIGHT GREEN	0.0	-	1	E01_3100M
2	-	-	FW83B	-	0.0	14.0	-	LIGHT GREEN	0.0	-	1	E01_3100M
3	-	-	EU81LA	-	0.0	14.0	-	LIGHT GREEN	0.0	-	A	E01_3003M
3	-	-	FU81LA	-	0.0	14.0	-	LIGHT GREEN	0.0	-	A	E01_3003M
4	-	-	EU81LB	-	0.0	14.0	-	LIGHT GREEN	0.0	-	B	E01_3003M
4	-	-	FU81LB	-	0.0	14.0	-	LIGHT GREEN	0.0	-	B	E01_3003M

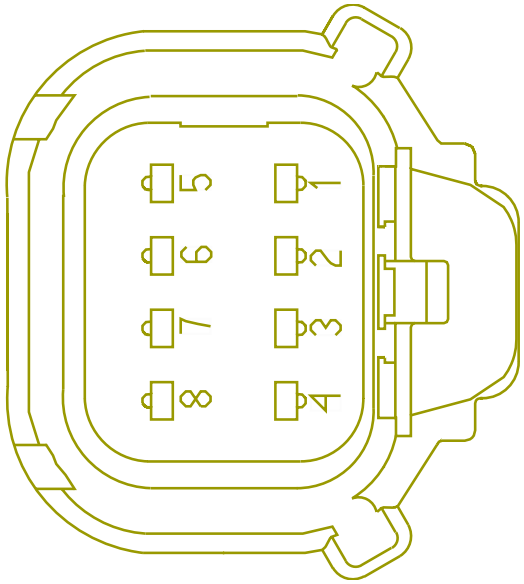
Connector Name	E01_3202M
Part Number	3820176C1
Instances	Low Speed J1939 (125Kbps):Low Speed J1939 (125Kbps) Mirrors (Power) (2 Door Pods):Diagram1 Power Door Locks (2-Door):Diagram1 Power Windows (2-Door):Diagram1 Remote Keyless Access:Diagram1
Mates	DEV-FRONT_DS_DOOR_POD-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	EU81B	-	0.0	12.0	-	LIGHT GREEN	0.0	-	C	E01_3200F
1	-	-	FU81B	-	0.0	12.0	-	LIGHT GREEN	0.0	-	C	E01_3200F
1	-	-	FW81A	-	0.0	12.0	-	LIGHT GREEN	0.0	-	C	E01_3200F
2	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	WIRE196492	-	0.0	-	-	-	0.0	-	B	E01_3200F
3	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	WIRE196493	-	0.0	-	-	-	0.0	-	A	E01_3200F
4	-	-	EC81-GA	-	0.0	12.0	-	WHITE	0.0	-	D	E01_3200F
4	-	-	FC81-GB	-	0.0	12.0	-	WHITE	0.0	-	D	E01_3200F
4	-	-	EU81-GA	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
4	-	-	FU81-GG	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-
4	-	-	FW81-GBB	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-

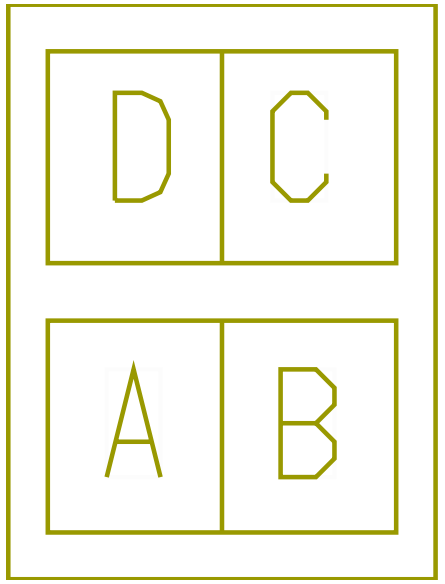
Connector Name	E01_3203M
Part Number	3709924C1
Instances	Mirror Lighting (Turns W/ Door Pods):Diagram1 Mirrors (Heated) (Door Pod Actuated, 2 Cab and 2 Hood Mirrors):Diagram1 Mirrors (Heated) (Door Pod Actuated, Cab Mounted, 1-Door):Diagram1 Mirrors (Power) (2 Door Pods):Diagram1
Mates	DEV-FRONT_DS_DOOR_POD-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	EA78AA	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1130.0	-	G	E01_3000
1	-	-	FA78AA	-	0.0	16.0	-	LIGHT GREEN	0.0	-	G	E01_3000
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	EB78C	-	0.0	18.0	-	LIGHT GREEN	0.0	-	B	E01_3000
4	-	-	FB78C	-	0.0	18.0	-	LIGHT GREEN	0.0	-	B	E01_3000
5	-	-	EB78G	-	0.0	18.0	-	LIGHT GREEN	0.0	-	A	E01_3000
5	-	-	FB78G	-	0.0	18.0	-	LIGHT GREEN	0.0	-	A	E01_3000

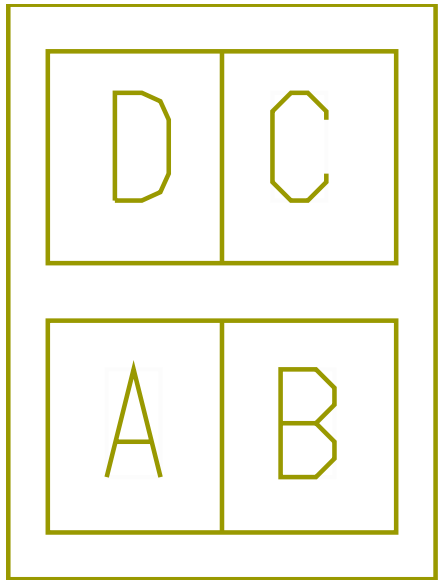
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
6	-	-	EB78H	-	0.0	20.0	-	YELLOW 2	0.0	-	F	E01_3000
6	-	-	FB78H	-	0.0	20.0	-	YELLOW 2	0.0	-	F	E01_3000
8	-	-	EA78-GF	3510360 R1	1.16	16.0	Thin Wall XLPE Primary Cable	WHITE	1130.0	-	H	E01_3000
8	-	-	FA78-GF	-	0.0	16.0	-	WHITE	0.0	-	H	E01_3000
8	-	-	EA78-GF	-	0.0	16.0	-	WHITE	0.0	-	H	E01_3000

Connector Name	E01_3205F
Part Number	1667529C1
Instances	Courtesy Step Lighting (2 Door):Diagram1 Speakers: Four Speakers & N/QC:Diagram1
Mates	A67_3206M



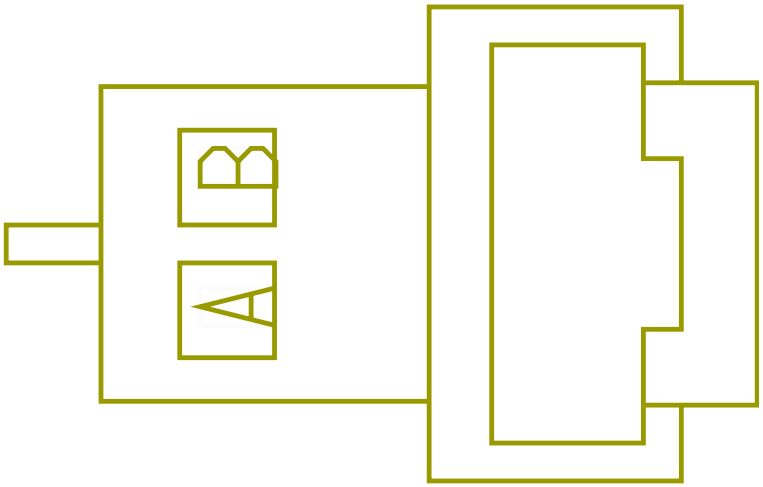
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	FD63BB	-	0.0	18.0	-	DARK BLUE	0.0	-	A	E01_3400
B	-	-	FD63-G	-	0.0	18.0	-	WHITE	0.0	-	B	E01_3400
C	-	-	FS86K	-	0.0	18.0	-	LIGHT GREEN	0.0	-	A	E01_3300M
D	-	-	FS86J	-	0.0	18.0	-	LIGHT GREEN	0.0	-	B	E01_3300M

Connector Name	E01_3205F
Part Number	1667529C1
Instances	Courtesy Step Lighting (2 Door):Diagram1 Speakers: Four Speakers & N/QC:Diagram1
Mates	A67_3205M



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	ED63BB	-	0.0	18.0	-	DARK BLUE	0.0	-	A	E01_3400
B	-	-	ED63-G	-	0.0	18.0	-	WHITE	0.0	-	B	E01_3400
C	-	-	ES86H	-	0.0	18.0	-	LIGHT GREEN	0.0	-	A	E01_3300M
D	-	-	ES86J	-	0.0	18.0	-	LIGHT GREEN	0.0	-	B	E01_3300M

Connector Name	E01_3300M
Part Number	3535769C1
Instances	Speakers: Four Speakers & N/QC:Diagram1
Mates	DEV-SPKR_LF-01

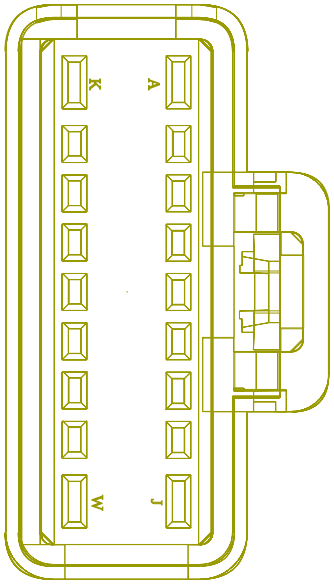


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	ES86H	-	0.0	18.0	-	LIGHT GREEN	0.0	-	C	E01_3205F
A	-	-	FS86K	-	0.0	18.0	-	LIGHT GREEN	0.0	-	C	E01_3205F
B	-	-	ES86J	-	0.0	18.0	-	LIGHT GREEN	0.0	-	D	E01_3205F
B	-	-	FS86J	-	0.0	18.0	-	LIGHT GREEN	0.0	-	D	E01_3205F

Connector Name	E01_3400
Part Number	1661259C1
Instances	Courtesy Step Lighting (2 Door):Diagram1
Mates	DEV-DS_COURTESY_LIGHT-01

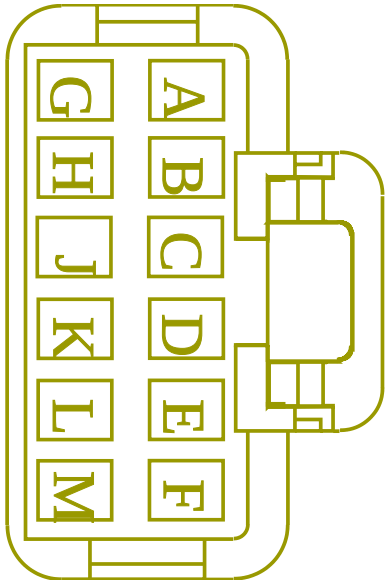
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	ED63BB	-	0.0	18.0	-	DARK BLUE	0.0	-	A	E01_3205F
A	-	-	FD63BB	-	0.0	18.0	-	DARK BLUE	0.0	-	A	E01_3205F
B	-	-	ED63-G	-	0.0	18.0	-	WHITE	0.0	-	B	E01_3205F
B	-	-	FD63-G	-	0.0	18.0	-	WHITE	0.0	-	B	E01_3205F

Connector Name	J1606
Part Number	3759005C1
Instances	Windshield Washer Pump & Low Fluid Sensor (MV, CE):Diagram1
Mates	MODU-BCM-A000-10-00



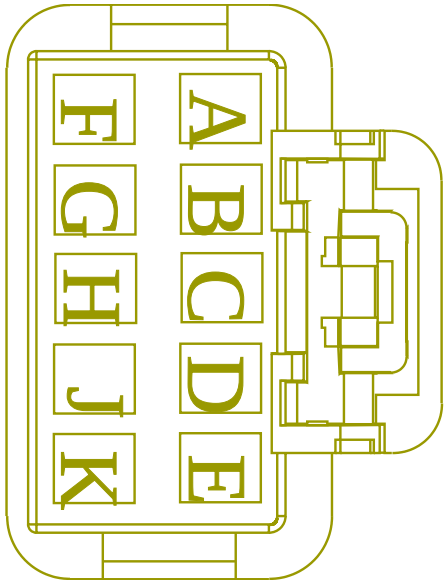
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
G	-	-	-	-	-	-	-	-	-	-	-	-
H	-	-	-	-	-	-	-	-	-	-	-	-

Connector Name	J1-1603
Part Number	3598711C1
Instances	End of Frame Aux Work Light (One Light N/Relay):Diagram1 Power Lift Gate:Diagram1 Rear Lights (Stop) (W/VCU) W/Daisy Chain:Diagram1
Mates	MODU-BCM-A000-10-00



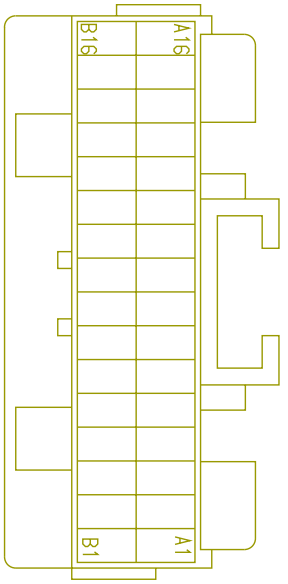
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
D	-	-	YL56CB	-	0.0	16.0	-	ORANGE	0.0	-	-	-
G	-	-	ZT65	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	0.0	-	68	A67_1701
J	-	-	KP112	3510312 R1	1.16	16.0	Thin Wall XLPE Primary Cable	GREY	720.0	-	66	A67_1701
M	-	-	YL57E	-	0.0	16.0	-	ORANGE	0.0	-	-	-

Connector Name	J2-1604
Part Number	3598710C1
Instances	City Horn:Diagram1
Mates	MODU-BCM-A000-10-00



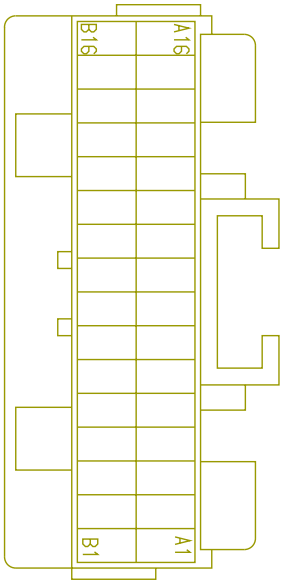
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
E	-	-	AA85	3510312 R1	1.16	16.0	Thin Wall XLPE Primary Cable	GREY	640.0	-	21	A67_1700

Connector Name	J3-1600
Part Number	3598706C1
Instances	Compressed Air Supply (Primary & Secondary Gauge)(W/2 in 1 Inverter):Diagram1 Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram1 - HVAC
Mates	MODU-BCM-A000-10-00



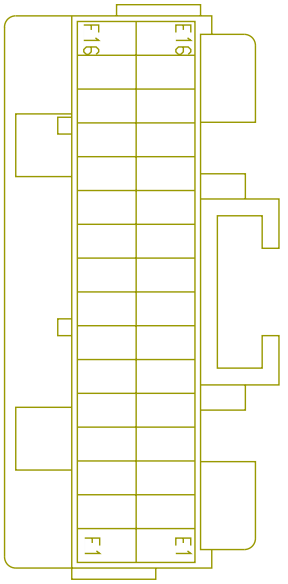
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
B2	-	-	NK40	2643673 R1	0.79	18.0	Std. Wall XLPE Primary Cable	GREY	1365.0	-	C12	1800
B3	-	-	NK40A	2643673 R1	0.79	18.0	Std. Wall XLPE Primary Cable	GREY	1365.0	-	B2	1800
B5	-	-	TB74	3510299 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3205.0	-	47	1703M

Connector Name	J3-1600
Part Number	3598706C1
Instances	HVAC Actuators:Diagram 1
Mates	MODU-BCM-A000-10-00



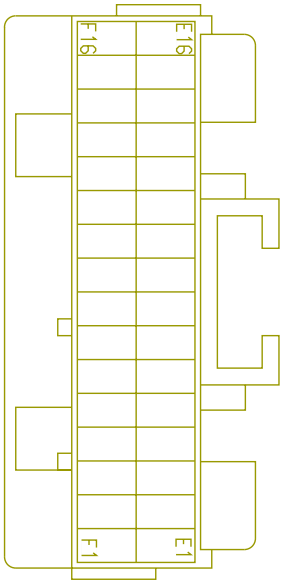
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
B15	-	-	TA75AA	3510299 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1260.0	-	X	-

Connector Name	J4-1601
Part Number	3598707C1
Instances	Mirrors (Heated) (Door Pod Actuated 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Mates	MODU-BCM-A000-10-00



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
F13	-	-	RN78RC	3510299 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	0.0	-	X	-

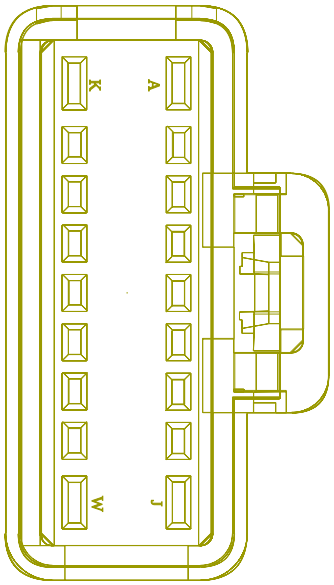
Connector Name	J5-1602
Part Number	3598705C1
Instances	Body Standard J1939 (250Kbps):Body Standard J1939 (250Kbps) City Horn:Diagram1 Compressed Air Supply (Primary & Secondary Gauge)(W/2 in 1 Inverter):Diagram1 Electronic Logging Device (ELD) Indicator (J1939 Switchpack Indicator):Diagram1 Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram1 - HVAC Over the Air Programming (OnCommand Link / N2 Module):Diagram1 Park Brake Controls (W/VCU):Diagram1 Real Time Clock (RTC) (Standard):Diagram1 Service Brake Switch (2 SLS/ 1 Transducer/ 2 RDS to VCU):Diagram1 Vehicle Sleep Mode:Diagram1
Mates	MODU-BCM-A000-10-00



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
E4	-	-	NK6	2643673 R1	0.79	18.0	Std. Wall XLPE Primary Cable	GREY	1385.0	-	B3	1800
E5	-	-	KA9H	-	0.0	18.0	-	GREY	0.0	-	X	-
E14	-	-	WB70	3510364 R1	0.53	20.0	Thin Wall XLPE Primary Cable	RED	1385.0	-	B9	1800
E15	-	-	WB70A	3510364 R1	0.53	20.0	Thin Wall XLPE Primary Cable	RED	1385.0	-	A6	1800
F5	-	-	WIRE722 732	-	0.0	-	-	-	0.0	-	PIN1	-
F5	-	-	-	-	-	-	-	-	-	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
F6	-	-	WIRE722731	-	0.0	-	-	-	0.0	-	PIN1	-
F6	-	-	-	-	-	-	-	-	-	-	-	-

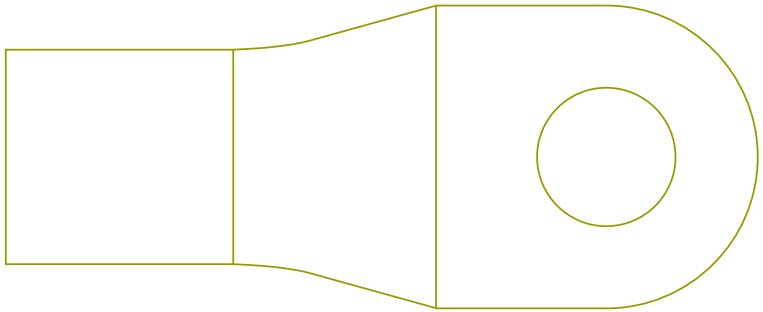
Connector Name	J6-1606
Part Number	3759005C1
Instances	Automatic Lighting W/Twilight & W/Sunload:Diagram1 Auxiliary Air Solenoids (Normally Closed):Diagram1 Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) City Horn:Diagram1 Compressed Air Supply (Primary & Secondary Gauge) (Dual Air Brake System):Diagram1 Compressed Air Supply (Primary & Secondary Gauge)(W/2 in 1 Inverter):Diagram1 Coolant Temperature Monitoring (J1939 Comm, W/ VCU):Diagram1 Daytime Running Lights W/CAN Headlamps:Diagram1 Diagnostic Mode (Horizon):Diagram1 Directional Signals (Turn) (LED CAN) W/O Plow Lights, W/O Fender Lights:Diagram1 Door Ajar Reminder (Entry/Exit) (2 Doors):Diagram1 Drive Mode Selector I/O (W/VCU):Diagram1 Electronic Logging Device (ELD) Indicator (J1939 Switchpack Indicator):Diagram1 End of Frame Aux Work Light (One Light N/Relay):Diagram1 Engine Warning (DM1 LAMPS - MUX):Diagram1 Exterior Lamp Check (Horizon):Diagram1 Exterior Lighting On Reminder:Diagram1 Front Fog Lamps:Diagram1 Headlights (LED CAN) W/O Plow Lights:Diagram1 Height Control (W/VCU):Diagram1 High-Voltage Monitor:Diagram1 Instrument Cluster - Bulb Check:Diagram1 Jaw Unlock Control W/ SOLENOIDS W/SWITCH PACKS:Diagram1 License Plate Light (LED BOX LAMP Daisy Chain Tail Light):Diagram1 Low Speed J1939 (125Kbps):Low Speed J1939 (125Kbps) Marker Lighting (LED CAN Headlamp) N/Plow Lts, N/Fender Lts, N/Guide Posts:Diagram1 Mirrors (Heated) (Door Pod Actuated 2 Cab and 1 Hood Mirror Left Side Only):Diagram1 Mirrors (Heated) (Door Pod Actuated, 2 Cab and 2 Hood Mirrors):Diagram1 Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1 Odometer (W/VCU):Diagram1



	Operator Input (Key Switch):Diagram1 Over the Air Programming (OnCommand Link / N2 Module):Diagram1 Park Brake Controls (W/VCU):Diagram1 Park Lights (W/Marker Interrupt):Diagram1 Park Lights - N/Marker Interrupt:Diagram1 Power Door Locks (2-Door):Diagram1 Power Electronics Coolant Temperature Monitoring:Diagram1 Power Lift Gate:Diagram1 Power Windows (2-Door):Diagram1 Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps) Radio W/ Bluetooth:Diagram1 Radio W/ Bluetooth & W/ Steering Wheel Pod:Diagram1 Real Time Clock (RTC) (Standard):Diagram1 Rear Lights (Stop) (W/VCU) W/Daisy Chain:Diagram1 Regenerative Braking (W/VCU):Diagram1 Relays - Grid Management:Diagram1 Remote Keyless Access:Diagram1 Seatbelt Reminder (Warning)(Driver only):Diagram1 Service Brake Switch (2 SLS/ 1 Transducer/ 2 RDS to VCU):Diagram1 Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1 Starting System (EV Ready):Diagram1 Starting System (W/VCU):Diagram1 Theft Deterrent (Standard, J1939 Mux SW, W/VCU):Diagram1 Traction Control (Bendix, VCU):Diagram1 Trip Odometer (W/VCU):Diagram1 Vehicle Alarm System (Standard):Diagram1 Vehicle Sleep Mode:Diagram1 Vehicle Sound Generator:Diagram1 Vehicle Speed Control (Cruise Control) (Steering Wheel Controls, W/VCU):Diagram1 Voltage Monitoring (Voltmeter) (Horizon):Diagram1 Windshield Wipers:Diagram1
Mates	MODU-BCM-A000-10-00

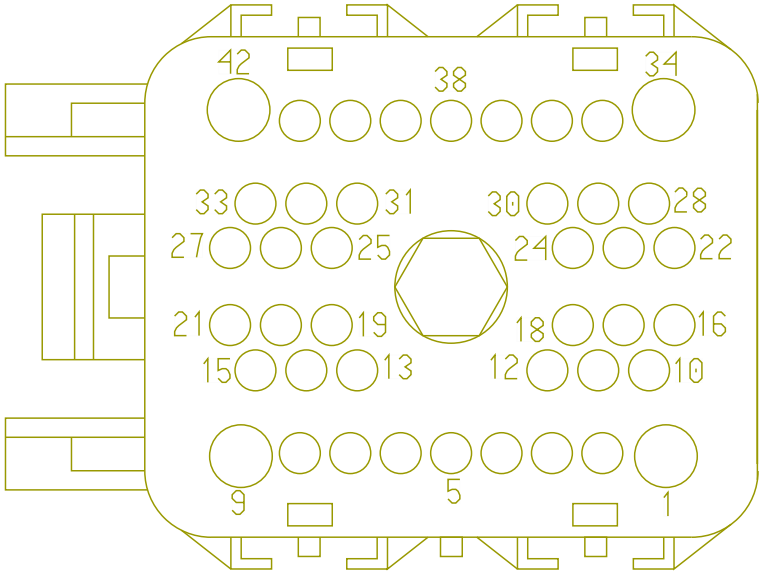
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	EH12C	3510341 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT BLUE	2825.0	-	R4 - 86	1011
A	-	-	EJ12C	3510341 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT BLUE	2570.0	-	X	-
B	-	-	DJ13DD	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	2530.0	-	X	-
D	-	-	-	-	-	-	-	-	-	-	-	-
D	-	-	WIRE720 026	-	0.0	-	-	-	0.0	-	PIN1	-
E	-	-	-	-	-	-	-	-	-	-	-	-
E	-	-	WIRE720 025	-	0.0	-	-	-	0.0	-	PIN1	-
G	-	-	-	-	-	-	-	-	-	-	-	-
G	-	-	WIRE775 541	-	0.0	-	-	-	0.0	-	PIN1	-
H	-	-	-	-	-	-	-	-	-	-	-	-
H	-	-	WIRE775 543	-	0.0	-	-	-	0.0	-	PIN1	-
N	-	-	-	-	-	-	-	-	-	-	-	-
N	-	-	WIRE1640	-	0.0	-	-	-	0.0	-	PIN1	-
P	-	-	-	-	-	-	-	-	-	-	-	-
P	-	-	WIRE1639	-	0.0	-	-	-	0.0	-	PIN1	-
S	-	-	LC17HA	-	0.0	18.0	-	PINK	0.0	-	B	A67_1100

Connector Name	K03_PDM2
Part Number	2241627C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2) VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	CP-B2-K03-1A



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K14A	2645964 R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	-	-
A	-	-	K14A	2645964 R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	K03_6059A

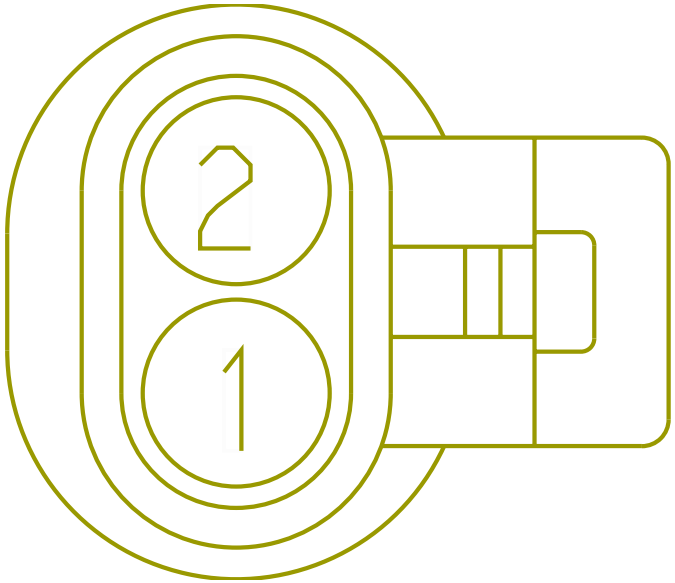
Connector Name	K03_1702
Part Number	3595620C1
Instances	Backup Light (W/VCU) Dual Daisy Reverse Light:Diagram1 Battery Management System (Post 05-2022) Option 2:Diagram2 Battery Thermal Management (W/VCU) BTMS:Diagram1 Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Charge Port Monitoring OCI System:Diagram1 Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1 eVehicle Charging (W/VCU) Onboard Charging Modules:Diagram1 High-Voltage Distribution Module (HVDM):Diagram1 HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC HV Power J1939 (500Kbps):HV Power J1939 (500Kbps) Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1 Power Electronics Coolant Temperature Monitoring:Diagram1 Powertrain Ground Distribution:Diagram1 Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps) Service Brake Switch (2 SLS/ 1 Transducer/ 2 RDS to VCU):Diagram1 Vehicle Control Unit (VCU):Diagram1
Mates	A67_1702



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
2	-	-	K97H	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	0.0	-	3	K03_6036
3	-	-	K71AA	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
4	-	-	K101AA	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
5	-	-	K14X	-	0.0	16.0	-	RED	0.0	-	PIN1	-
6	-	-	WIRE775516	-	0.0	-	-	-	0.0	-	PIN1	-

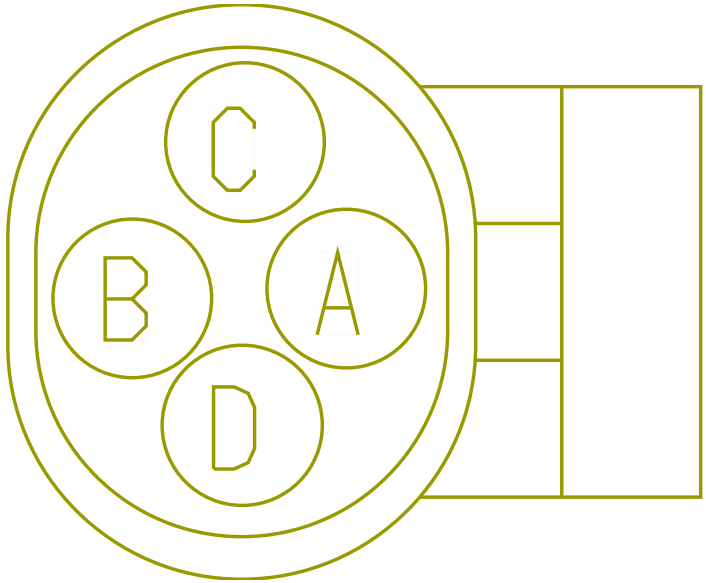
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
7	-	-	WIRE775907	-	0.0	-	-	-	0.0	-	PIN1	-
8	-	-	WIRE775906	-	0.0	-	-	-	0.0	-	PIN1	-
10	-	-	WIRE775738	-	0.0	-	-	-	0.0	-	PIN1	-
11	-	-	WIRE775737	-	0.0	-	-	-	0.0	-	PIN1	-
12	-	-	WIRE775610	-	0.0	-	-	-	0.0	-	PIN1	-
13	-	-	WIRE775609	-	0.0	-	-	-	0.0	-	PIN1	-
14	-	-	WIRE775552	-	0.0	-	-	-	0.0	-	PIN1	-
15	-	-	WIRE775551	-	0.0	-	-	-	0.0	-	PIN1	-
19	-	-	K19AA	-	0.0	18.0	-	ORANGE	0.0	-	PIN1	-
21	-	-	WIRE775517	-	0.0	-	-	-	0.0	-	PIN1	-
22	-	-	K10E	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
23	-	-	K9A	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
28	-	-	K101BB	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
31	-	-	K14AE	-	0.0	18.0	-	RED	0.0	-	PIN1	-
32	-	-	K97AFF	-	0.0	16.0	-	VIOLET	0.0	-	PIN1	-
33	-	-	K13V	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
34	-	-	K13W	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
35	-	-	K14AF	-	0.0	16.0	-	RED	0.0	-	PIN1	-
36	-	-	K97AGG	-	0.0	16.0	-	VIOLET	0.0	-	PIN1	-
37	-	-	K13X	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
38	-	-	K13Y	-	0.0	16.0	-	PINK	0.0	-	PIN1	-

Connector Name	K03_1703
Part Number	2206588C1
Instances	High-Voltage Interlock:Diagram1
Mates	SW-CAB_HV_DISCONNECT-01



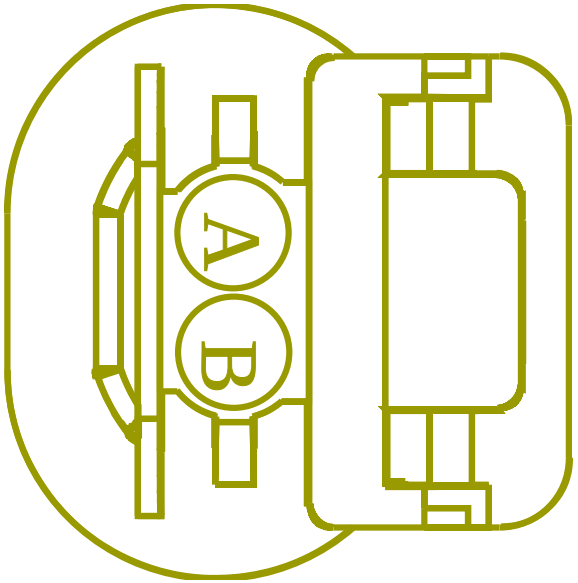
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K14B	-	0.0	16.0	-	RED	0.0	-	PIN1	-
2	-	-	K14C	-	0.0	16.0	-	RED	0.0	-	G	K03_6091

Connector Name	K03_6020
Part Number	1673746C1
Instances	Coolant Level Monitoring (W/VCU):Diagram1
Mates	DEV-CABIN_HEAT_COOLANT_SEN SOR-01



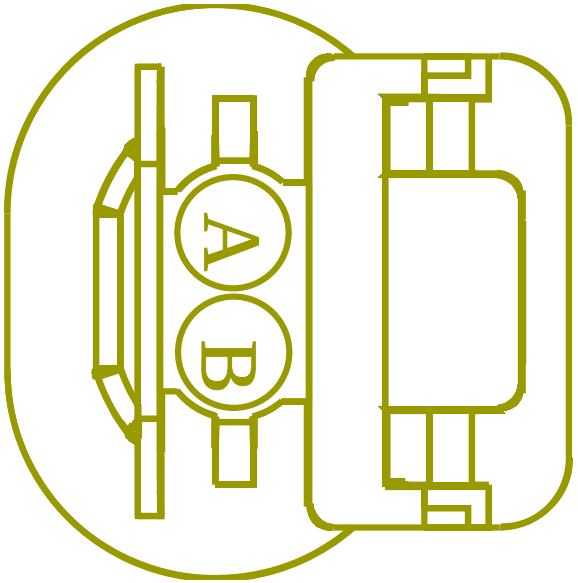
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K34A	-	0.0	18.0	-	TAN	0.0	-	-	-
B	-	-	K9G	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
C	-	-	K13M	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
D	-	-	K34B	-	0.0	18.0	-	TAN	0.0	-	PIN1	-

Connector Name	K03_6023A
Part Number	4173578C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram3 - EV Components
Mates	DEV-HEAT_PUMP_RESISTOR_A-01



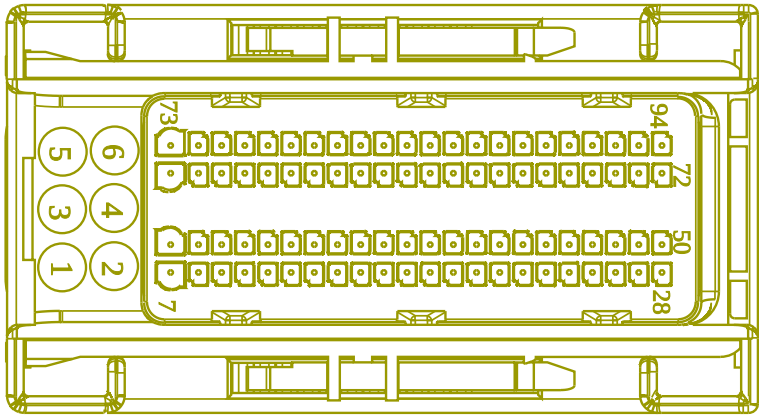
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K97Y	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
B	-	-	K11AA	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K03_6023B
Part Number	4173578C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram3 - EV Components
Mates	DEV-HEAT_PUMP_RESISTOR_B-01



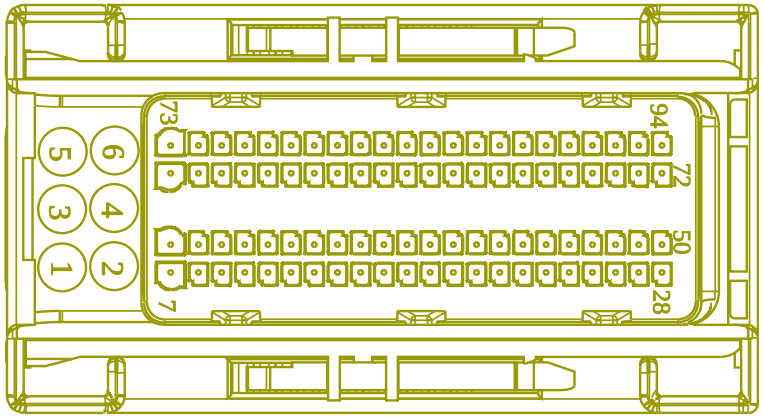
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K97Z	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
B	-	-	K11AB	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K03_6023
Part Number	4241464C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram3 - EV Components
Mates	MODU-VCU-A006-10-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
9	-	-	K97V	-	0.0	22.0	-	VIOLET	0.0	-	PIN1	-

Connector Name	K03_6025
Part Number	4241464C1
Instances	Air Governor Control:Diagram1 Ambient Temperature (No Display, Mirror Sensor, VCU):Diagram1 Backup Light (W/VCU) Dual Daisy Reverse Light:Diagram1 Battery Management System (Post 05-2022) Option 1:Diagram1 Battery Management System (Post 05-2022) Option 2:Diagram1 Battery Management System (Pre 05-2022):Diagram1 Battery Thermal Management (W/VCU) BTMS:Diagram1 Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1 Coolant Level Monitoring (W/VCU):Diagram1 Coolant Temperature Monitoring (J1939 Comm, W/ VCU):Diagram1 Drive Mode Selector I/O (W/VCU):Diagram1 Engine Speed (Tachometer, W/VCU):Diagram1 eVehicle Charging (W/VCU) Onboard Charging Modules:Diagram1 Height Control (W/VCU):Diagram1 High-Voltage Interlock:Diagram1 High-Voltage Monitor:Diagram1 HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC HV Power J1939 (500Kbps):HV Power J1939 (500Kbps) Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1 Odometer (W/VCU):Diagram1 Park Brake Controls (W/VCU):Diagram1 Power Electronics Coolant Temperature Monitoring:Diagram1 Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps) Propulsion Coolant Temperature Monitoring (W/VCU):Diagram1 Rear Lights (Stop) (W/VCU) W/Daisy Chain:Diagram1 Regenerative Braking (W/VCU):Diagram1 Service Brake Switch (2 SLS/ 1 Transducer/ 2 RDS to VCU):Diagram1 Starting System (W/VCU):Diagram1 Theft Deterrent (Standard, J1939 Mux SW, W/VCU):Diagram1 Traction Control (Bendix, VCU):Diagram1 Trip Odometer (W/VCU):Diagram1 Vehicle Acceleration (Wired to VCU):Diagram1



Vehicle Control Unit (VCU):Diagram1
Vehicle Control Unit (VCU):Diagram2
Vehicle Sound Generator:Diagram1
Vehicle Speed Control (Cruise Control) (Steering Wheel Controls, W/VCU):Diagram1

Mates MODU-VCU-A006-10-01

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	K14E	-	0.0	16.0	-	RED	0.0	-	PIN1	-
2	-	-	K10F	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
3	-	-	K14F	-	0.0	16.0	-	RED	0.0	-	PIN1	-
4	-	-	K10G	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
5	-	-	K14G	-	0.0	16.0	-	RED	0.0	-	PIN1	-
6	-	-	K10H	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
7	-	-	K97W	-	0.0	18.0	-	VIOLET	0.0	-	G	K03_6090
7	-	-	K97W	-	0.0	18.0	-	VIOLET	0.0	-	-	-
8	-	-	K97AE	-	0.0	22.0	-	VIOLET	0.0	-	K	K03_6090
8	-	-	K97AE	-	0.0	22.0	-	VIOLET	0.0	-	-	-
9	-	-	K6G	-	0.0	22.0	-	GREY	0.0	-	-	-
18	-	-	K97E	2645627 R1	0.35	22.0	Thin Wall XLPE Primary Cable	VIOLET	0.0	-	-	-
18	-	-	K97E	2645627 R1	0.35	22.0	Thin Wall XLPE Primary Cable	VIOLET	0.0	-	PIN1	-
19	-	-	K6G	-	0.0	22.0	-	GREY	0.0	-	PIN1	-
19	-	-	K97V	-	0.0	22.0	-	VIOLET	0.0	-	-	-
23	-	-	K9FF	-	0.0	22.0	-	GREY	0.0	-	PIN1	-
23	-	-	K9FF	-	0.0	22.0	-	GREY	0.0	-	-	-
24	-	-	K13H	-	0.0	22.0	-	PINK	0.0	-	PIN1	-
29	-	-	K97AJ	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-

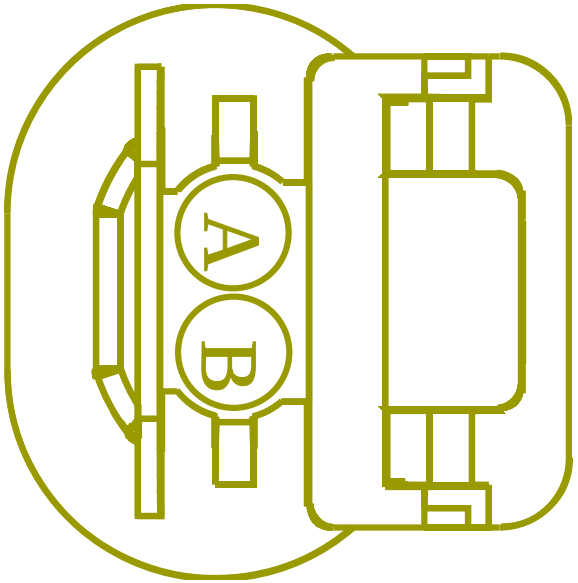
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
29	-	-	K97AJ	-	0.0	18.0	-	VIOLET	0.0	-	-	-
31	-	-	K39E	-	0.0	22.0	-	GREY	0.0	-	PIN1	-
31	-	-	K39E	-	0.0	22.0	-	GREY	0.0	-	-	-
35	-	-	K101A	-	0.0	22.0	-	GREY	0.0	-	PIN1	-
35	-	-	K101A	-	0.0	22.0	-	GREY	0.0	-	-	-
36	-	-	K19B	-	0.0	22.0	-	GREY	0.0	-	PIN1	-
36	-	-	K19B	-	0.0	22.0	-	GREY	0.0	-	-	-
38	-	-	K41A	2645624 R1	0.35	22.0	Thin Wall XLPE Primary Cable	TAN	0.0	-	-	-
38	-	-	K41A	2645624 R1	0.35	22.0	Thin Wall XLPE Primary Cable	TAN	0.0	-	PIN1	-
40	-	-	K32A	-	0.0	22.0	-	TAN	0.0	-	D	K03_6090
42	-	-	K36BB	-	0.0	22.0	-	TAN	0.0	-	PIN1	-
42	-	-	K36BB	-	0.0	22.0	-	TAN	0.0	-	-	-
43	-	-	K34AA	-	0.0	22.0	-	GREY	0.0	-	PIN1	-
45	-	-	K36AA	-	0.0	22.0	-	TAN	0.0	-	PIN1	-
46	-	-	K9GG	-	0.0	22.0	-	GREY	0.0	-	PIN1	-
46	-	-	K9GG	-	0.0	22.0	-	GREY	0.0	-	-	-
47	-	-	K97C	-	0.0	22.0	-	VIOLET	0.0	-	-	-
47	-	-	K97C	-	0.0	22.0	-	VIOLET	0.0	-	PIN1	-
51	-	-	K97AF	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
52	-	-	K19C	-	0.0	22.0	-	GREY	0.0	-	N	K03_6090
52	-	-	K19C	-	0.0	22.0	-	GREY	0.0	-	-	-
53	-	-	K6N	-	0.0	22.0	-	ORANGE	0.0	-	PIN1	-
53	-	-	K6N	-	0.0	22.0	-	ORANGE	0.0	-	-	-
57	-	-	K19D	-	0.0	22.0	-	GREY	0.0	-	PIN1	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
57	-	-	K19D	-	0.0	22.0	-	GREY	0.0	-	-	-
58	-	-	K19A	-	0.0	22.0	-	ORANGE	0.0	-	PIN1	-
60	-	-	K19E	-	0.0	22.0	-	GREY	0.0	-	P	K03_6090
63	-	-	K34BB	-	0.0	22.0	-	TAN	0.0	-	PIN1	-
63	-	-	K34BB	-	0.0	22.0	-	TAN	0.0	-	-	-
64	-	-	K29B	-	0.0	22.0	-	TAN	0.0	-	PIN1	-
64	-	-	K29B	-	0.0	22.0	-	TAN	0.0	-	-	-
65	-	-	K101B	-	0.0	22.0	-	GREY	0.0	-	PIN1	-
65	-	-	K101B	-	0.0	22.0	-	GREY	0.0	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	WIRE775761	-	0.0	-	-	-	0.0	-	PIN1	-
67	-	-	WIRE775651	-	0.0	-	-	-	0.0	-	PIN1	-
67	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	WIRE775910	-	0.0	-	-	-	0.0	-	PIN1	-
69	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	WIRE775564	-	0.0	-	-	-	0.0	-	PIN1	-
70	-	-	K193J	-	0.0	22.0	-	GREY	0.0	-	PIN1	-
70	-	-	K193J	-	0.0	22.0	-	GREY	0.0	-	-	-
72	-	-	K97B	-	0.0	22.0	-	VIOLET	0.0	-	-	-
72	-	-	K97B	-	0.0	22.0	-	VIOLET	0.0	-	PIN1	-
73	-	-	K97U	-	0.0	20.0	-	VIOLET	0.0	-	PIN1	-
73	-	-	K97U	-	0.0	20.0	-	VIOLET	0.0	-	-	-
76	-	-	K92A	-	0.0	22.0	-	TAN	0.0	-	PIN1	-
76	-	-	K92A	-	0.0	22.0	-	TAN	0.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
77	-	-	K99B	2645627 R1	0.35	22.0	Thin Wall XLPE Primary Cable	VIOLET	0.0	-	-	-
77	-	-	K99B	2645627 R1	0.35	22.0	Thin Wall XLPE Primary Cable	VIOLET	0.0	-	PIN1	-
78	-	-	K99A	-	0.0	22.0	-	VIOLET	0.0	-	-	-
78	-	-	K99A	-	0.0	22.0	-	VIOLET	0.0	-	PIN1	-
79	-	-	K9D	-	0.0	22.0	-	GREY	0.0	-	PIN1	-
79	-	-	K9D	-	0.0	22.0	-	GREY	0.0	-	-	-
81	-	-	K97AG	-	0.0	22.0	-	VIOLET	0.0	-	PIN1	-
81	-	-	K97AG	-	0.0	22.0	-	VIOLET	0.0	-	-	-
86	-	-	K71A	-	0.0	22.0	-	PINK	0.0	-	PIN1	-
86	-	-	K71A	-	0.0	22.0	-	PINK	0.0	-	-	-
88	-	-	-	-	-	-	-	-	-	-	-	-
88	-	-	WIRE775762	-	0.0	-	-	-	0.0	-	PIN1	-
89	-	-	WIRE775652	-	0.0	-	-	-	0.0	-	PIN1	-
89	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	WIRE775911	-	0.0	-	-	-	0.0	-	PIN1	-
91	-	-	-	-	-	-	-	-	-	-	-	-
91	-	-	WIRE775567	-	0.0	-	-	-	0.0	-	PIN1	-
94	-	-	K97D	2645627 R1	0.35	22.0	Thin Wall XLPE Primary Cable	VIOLET	0.0	-	-	-

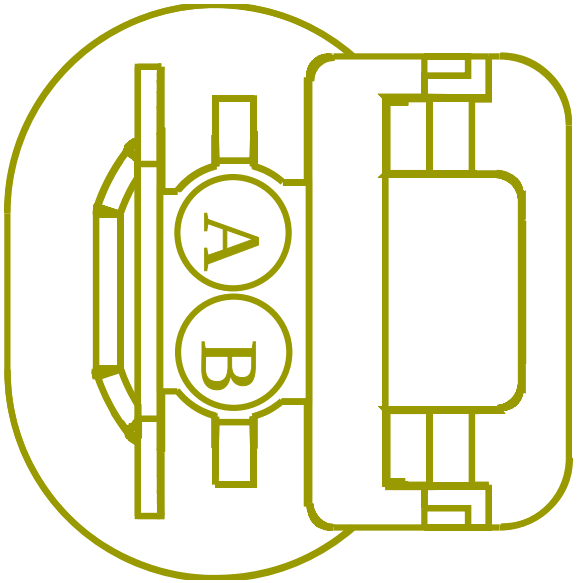
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
94	-	-	K97D	2645627 R1	0.35	22.0	Thin Wall XLPE Primary Cable	VIOLET	0.0	-	PIN1	-

Connector Name	K03_6026
Part Number	4173578C1
Instances	HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC
Mates	Terminatin Resistor



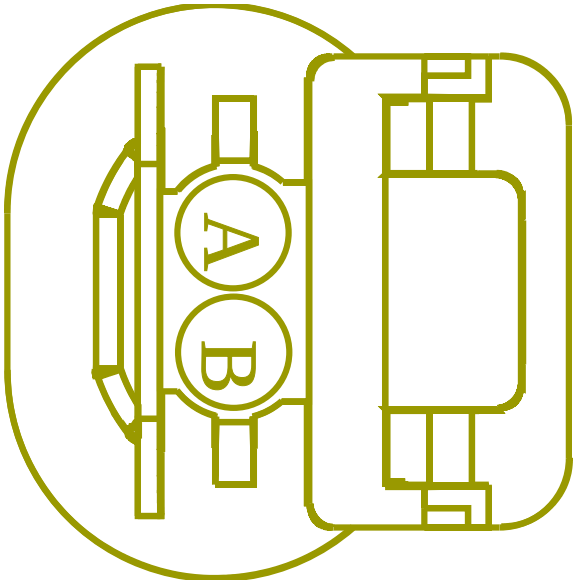
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE775646	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE775645	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	K03_6027
Part Number	4173578C1
Instances	HV Power J1939 (500Kbps):HV Power J1939 (500Kbps)
Mates	TERMINATING RESISTOR



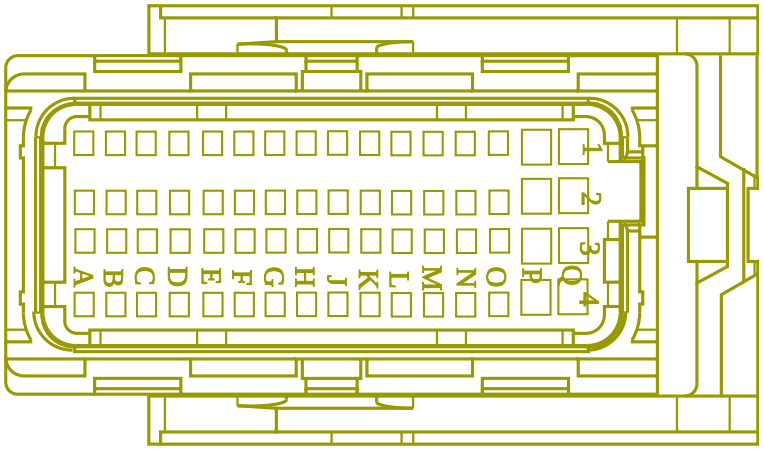
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE775769	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE775770	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	K03_6028
Part Number	4173578C1
Instances	Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps)
Mates	Terminating Resistor



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE775553	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE775562	-	0.0	-	-	-	0.0	-	PIN1	-

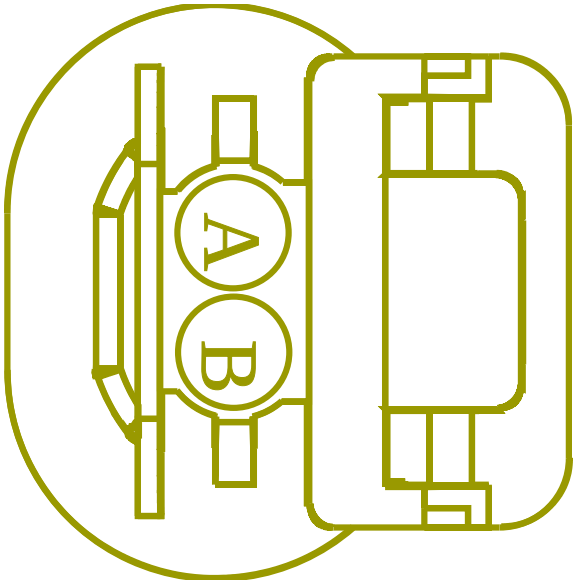
Connector Name	K03_6030
Part Number	4243360C1
Instances	Battery Management System (Post 05-2022) Option 2:Diagram1 Battery Management System (Post 05-2022) Option 2:Diagram2 Battery Management System (Pre 05-2022):Diagram1 Battery Management System (Pre 05-2022):Diagram2 HV Power J1939 (500Kbps):HV Power J1939 (500Kbps)
Mates	DEV-SCU-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A1	-	-	K97T	-	0.0	0.5A	-	VIOLET	0.0	-	PIN1	-
B2	-	-	K97L	-	0.0	0.5A	-	PINK	0.0	-	PIN1	-
C1	-	-	-	-	-	-	-	-	-	-	-	-
C1	-	-	WIRE775848	-	0.0	-	-	-	0.0	-	PIN1	-
C2	-	-	-	-	-	-	-	-	-	-	-	-
C2	-	-	WIRE775774	-	0.0	-	-	-	0.0	-	PIN1	-
D1	-	-	-	-	-	-	-	-	-	-	-	-
D1	-	-	WIRE775849	-	0.0	-	-	-	0.0	-	PIN1	-
D2	-	-	-	-	-	-	-	-	-	-	-	-
D2	-	-	WIRE775773	-	0.0	-	-	-	0.0	-	PIN1	-
J1	-	-	K10S	-	0.0	0.5A	-	WHITE	0.0	-	PIN1	-
J2	-	-	K10J	-	0.0	0.5A	-	WHITE	0.0	-	PIN1	-

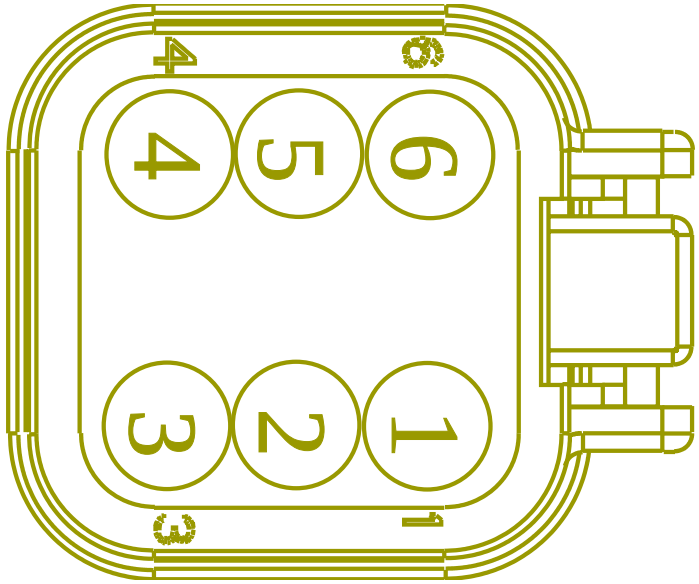
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
K1	-	-	K14H	-	0.0	0.5A	-	PINK	0.0	-	PIN1	-
K2	-	-	K14K	-	0.0	0.5A	-	PINK	0.0	-	PIN1	-
K4	-	-	K97F	-	0.0	0.5A	-	VIOLET	0.0	-	PIN1	-
L1	-	-	K14J	-	0.0	0.5A	-	PINK	0.0	-	PIN1	-
L2	-	-	K14L	-	0.0	0.5A	-	PINK	0.0	-	PIN1	-
L4	-	-	K97GG	-	0.0	0.5A	-	VIOLET	0.0	-	PIN1	-
M2	-	-	K10P	-	0.0	0.5A	-	WHITE	0.0	-	PIN1	-
M3	-	-	K10K	-	0.0	0.5A	-	WHITE	0.0	-	PIN1	-
M4	-	-	K10M	-	0.0	0.5A	-	WHITE	0.0	-	PIN1	-
P2	-	-	K97J	-	0.0	16.0	-	VIOLET	0.0	-	B	K03_6091
P3	-	-	K10L	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
P4	-	-	K10N	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
Q1	-	-	K97R	-	0.0	16.0	-	PINK	0.0	-	7	K03_6050
Q2	-	-	K97K	-	0.0	16.0	-	PINK	0.0	-	M	K03_6090

Connector Name	K03_6031
Part Number	4173578C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps)
Mates	Terminating Resistor



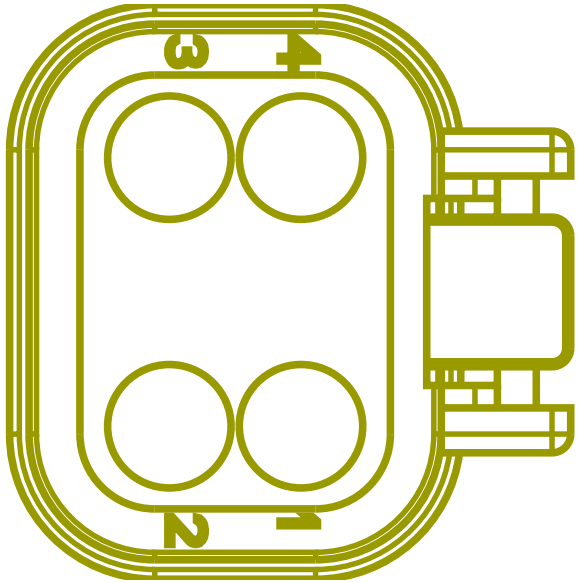
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE775525	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE775524	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	K03_6035
Part Number	3572899C1
Instances	HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1
Mates	DEV-QX_INVERTER-01



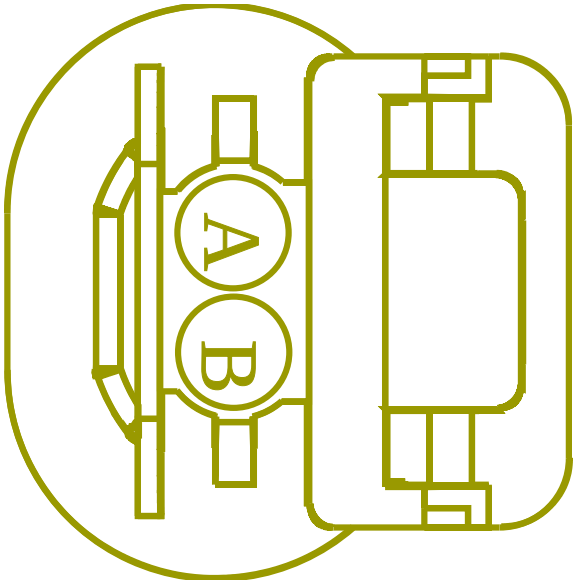
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE775640	-	0.0	-	-	-	0.0	-	PIN1	-
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	WIRE775639	-	0.0	-	-	-	0.0	-	PIN1	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	K13AC	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
4	-	-	K11T	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K03_6036
Part Number	3991593C1
Instances	Charge Port Monitoring OCI System:Diagram1
Mates	DEV-VCU_IGN_DIODE-01



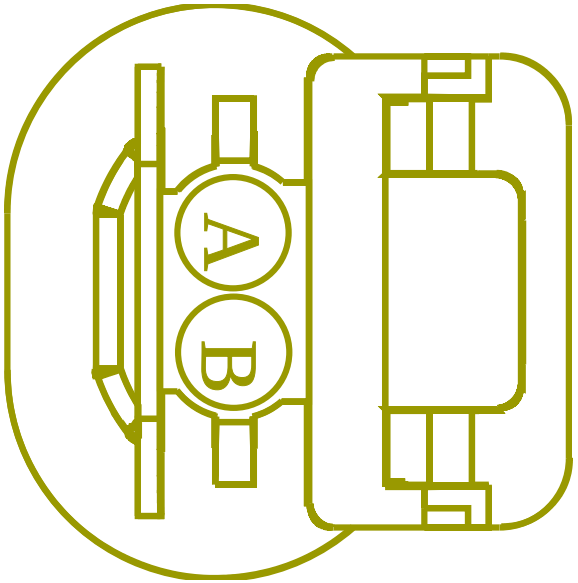
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
2	-	-	K13D	-	0.0	18.0	-	PINK	0.0	-	4	K03_6055
3	-	-	K97H	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	0.0	-	2	K03_1702
4	-	-	K13HH	-	0.0	18.0	-	PINK	0.0	-	-	-

Connector Name	K03_6037
Part Number	4173578C1
Instances	Battery Management System (Post 05-2022) Option 2:Diagram2 Battery Management System (Pre 05-2022):Diagram2
Mates	DEV-AC_POS_RESISTOR-01



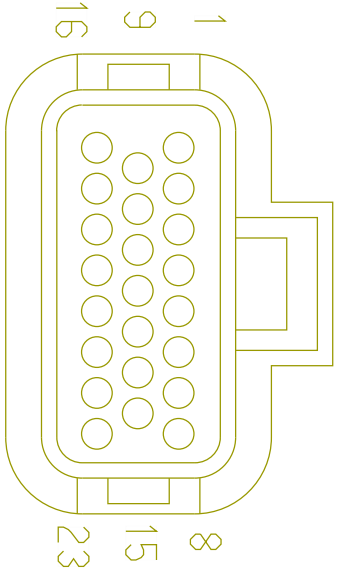
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K97M	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
B	-	-	K11C	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K03_6038
Part Number	4173578C1
Instances	Battery Management System (Post 05-2022) Option 2:Diagram2 Battery Management System (Pre 05-2022):Diagram2
Mates	DEV-AC_NEG_RESISTOR-01



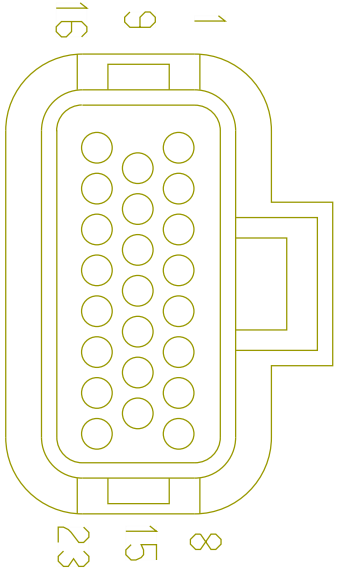
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K97N	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
B	-	-	K11B	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K03_6041
Part Number	3677559C1
Instances	eVehicle Charging (W/VCU) Onboard Charging Modules:Diagram1 HV Power J1939 (500Kbps):HV Power J1939 (500Kbps)
Mates	DEV-OBC1_BOTTOM-01



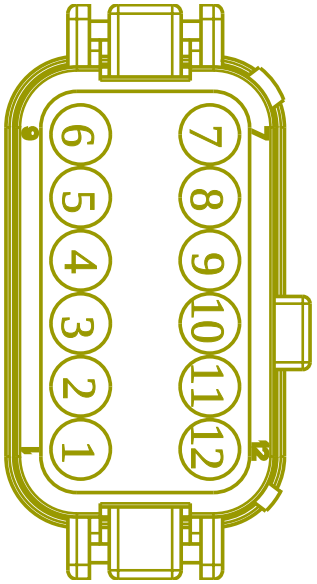
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
4	-	-	K13P	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
7	-	-	K13Q	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
8	-	-	K11E	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
11	-	-	K98C	-	0.0	18.0	-	BLACK	0.0	-	12	K03_6041
12	-	-	K98C	-	0.0	18.0	-	BLACK	0.0	-	11	K03_6041
13	-	-	K11F	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
14	-	-	K11G	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
15	-	-	K11H	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
22	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	WIRE775758	-	0.0	-	-	-	0.0	-	PIN1	-
23	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	WIRE775755	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	K03_6042
Part Number	3677559C1
Instances	HV Power J1939 (500Kbps):HV Power J1939 (500Kbps)
Mates	DEV-OBC2_TOP-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
22	-	-	WIRE775757	-	0.0	-	-	-	0.0	-	PIN1	-
23	-	-	WIRE775756	-	0.0	-	-	-	0.0	-	PIN1	-

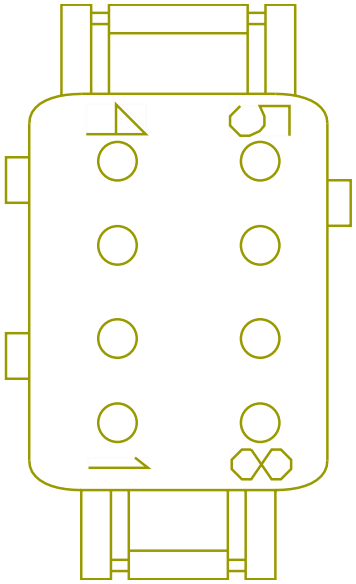
Connector Name	K03_6050
Part Number	3601923C1
Instances	Battery Management System (Post 05-2022) Option 2:Diagram2 Battery Management System (Pre 05-2022):Diagram2 Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram3 - EV Components High-Voltage Distribution Unit (HVDU):Diagram1 High-Voltage Interlock:Diagram1
Mates	DEV-HVDU-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K193D	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
1	-	-	K193D	-	0.0	18.0	-	GREY	0.0	-	-	-
2	-	-	K11D	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
2	-	-	K11D	-	0.0	16.0	-	WHITE	0.0	-	-	-
3	-	-	K19DD	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
3	-	-	K19DD	-	0.0	18.0	-	GREY	0.0	-	-	-
4	-	-	K19BB	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
4	-	-	K19BB	-	0.0	18.0	-	GREY	0.0	-	-	-
5	-	-	K14Z	-	0.0	18.0	-	RED	0.0	-	PIN1	-
6	-	-	K14Y	-	0.0	18.0	-	RED	0.0	-	PIN1	-
7	-	-	K97R	-	0.0	16.0	-	PINK	0.0	-	Q1	K03_6030
7	-	-	K97R	-	0.0	16.0	-	PINK	0.0	-	-	-
8	-	-	K13E	-	0.0	18.0	-	GREY	0.0	-	9	K03_6050
9	-	-	K13E	-	0.0	18.0	-	GREY	0.0	-	8	K03_6050
10	-	-	K14M	-	0.0	18.0	-	RED	0.0	-	PIN1	-

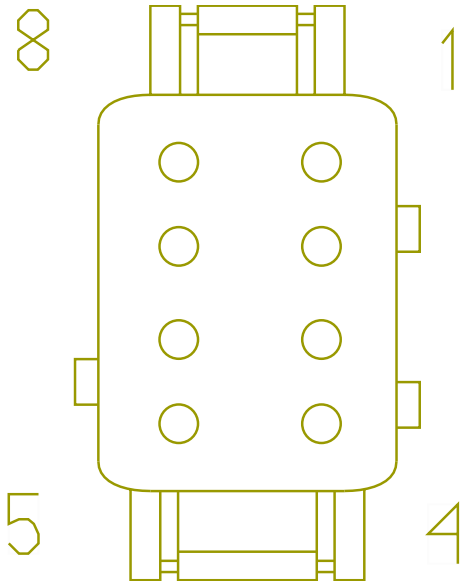
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
10	-	-	K14M	-	0.0	18.0	-	RED	0.0	-	-	-
11	-	-	K97Q	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
11	-	-	K97Q	-	0.0	18.0	-	VIOLET	0.0	-	-	-
12	-	-	K97P	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
12	-	-	K97P	-	0.0	18.0	-	VIOLET	0.0	-	-	-

Connector Name	K03_6055
Part Number	3539139C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2) HV Power J1939 (500Kbps):HV Power J1939 (500Kbps) Powertrain Ground Distribution:Diagram1
Mates	P03_6055



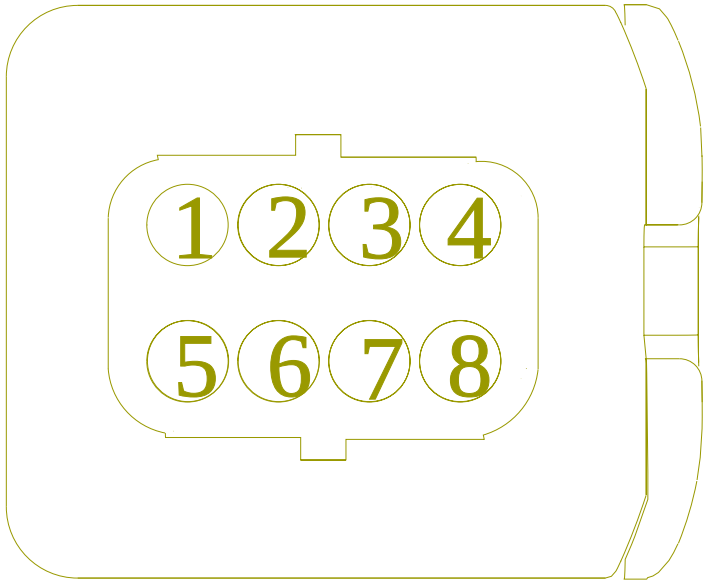
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE775754	-	0.0	-	-	-	0.0	-	PIN1	-
2	-	-	WIRE775753	-	0.0	-	-	-	0.0	-	PIN1	-
3	-	-	K10Q	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
5	-	-	K14P	-	0.0	16.0	-	RED	0.0	-	PIN1	-
6	-	-	OCI_CHSS_GND	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K03_6055
Part Number	3989894C1
Instances	Charge Port Monitoring OCI System:Diagram1
Mates	P03_6055



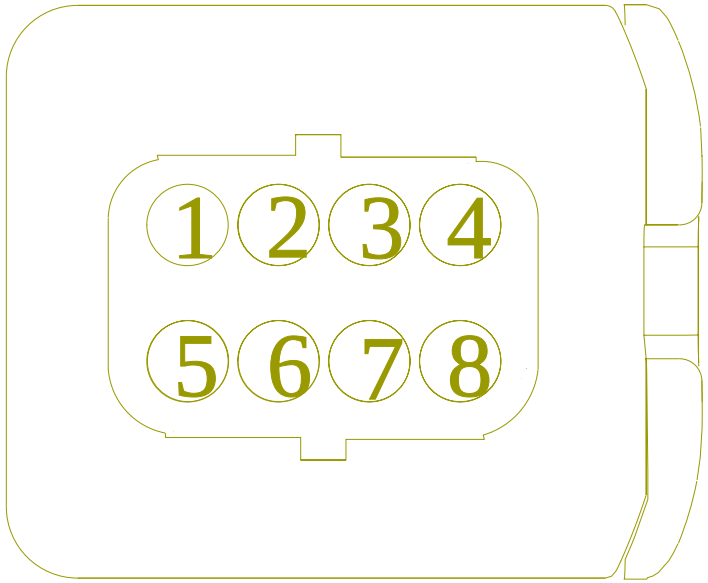
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
4	-	-	K13D	-	0.0	18.0	-	PINK	0.0	-	2	K03_6036
5	-	-	K14P	-	0.0	16.0	-	RED	0.0	-	PIN1	-

Connector Name	K03_6057
Part Number	6132203C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram1 - HVAC HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC
Mates	DEV-RADIATOR_MODULE-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE775644	-	0.0	-	-	-	0.0	-	PIN1	-
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	WIRE775643	-	0.0	-	-	-	0.0	-	PIN1	-
2	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	K13AB	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
5	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	WIRE775527	-	0.0	-	-	-	0.0	-	PIN1	-
6	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	WIRE775526	-	0.0	-	-	-	0.0	-	PIN1	-
7	-	-	K10R	-	0.0	18.0	-	WHITE	0.0	-	-	-
8	-	-	K11S	-	0.0	18.0	-	WHITE	0.0	-	-	-

Connector Name	K03_6058
Part Number	6132203C1
Instances	Battery Thermal Management (W/VCU) BTMS:Diagram1 HV Power J1939 (500Kbps):HV Power J1939 (500Kbps)
Mates	DEV-BTMS-01

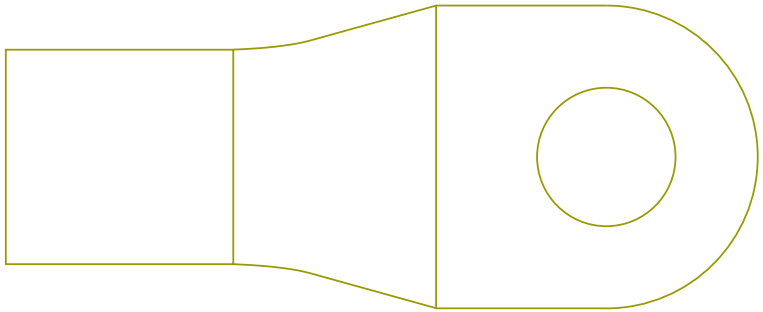


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
2	-	-	K13A	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
3	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	WIRE775752	-	0.0	-	-	-	0.0	-	PIN1	-
4	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	WIRE775751	-	0.0	-	-	-	0.0	-	PIN1	-
6	-	-	K10A	-	0.0	18.0	-	WHITE	0.0	-	-	-

Connector Name K03_6059A

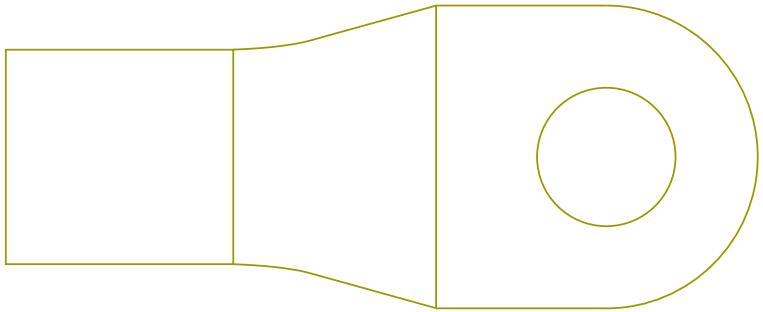
Part Number 2241337C1

Instances (PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)



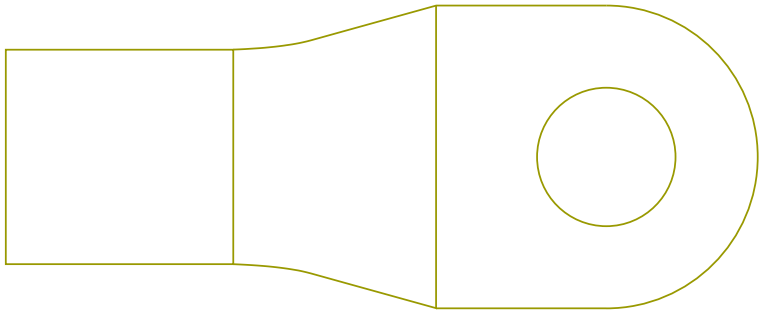
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	K14A	2645964 R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	K03_PDM2

Connector Name	K03_6059A
Part Number	2241628C1
Instances	Battery Thermal Management (W/VCU) BTMS:Diagram1
Mates	DEV-BTMS-01



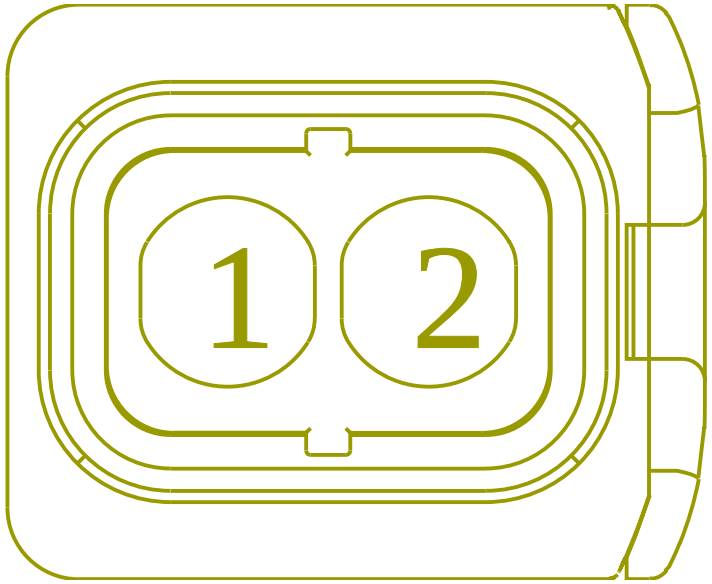
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K14A	2645964 R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	-	-

Connector Name	K03_6059B
Part Number	2241627C1
Instances	Battery Thermal Management (W/VCU) BTMS:Diagram1
Mates	DEV-BTMS-01



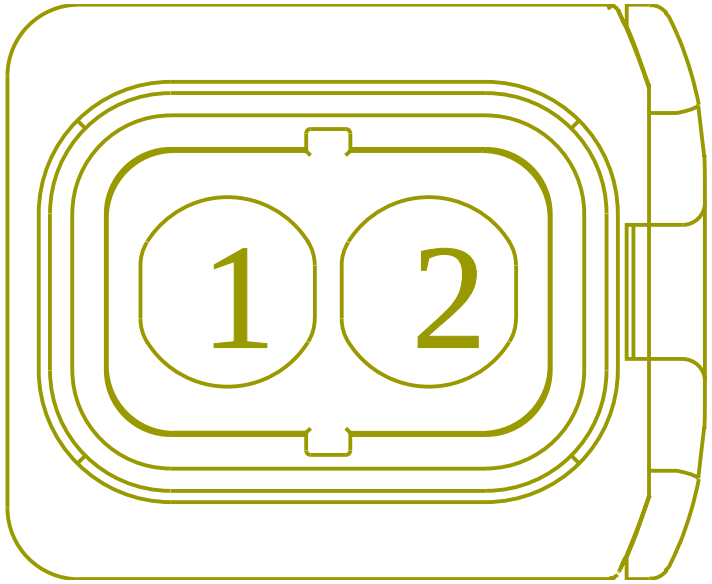
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K11A	-	0.0	4.0	-	WHITE	0.0	-	A	3G

Connector Name	K03_6060
Part Number	4110039C1
Instances	High-Voltage Interlock:Diagram1
Mates	DEV-MSD1_HVIL-01



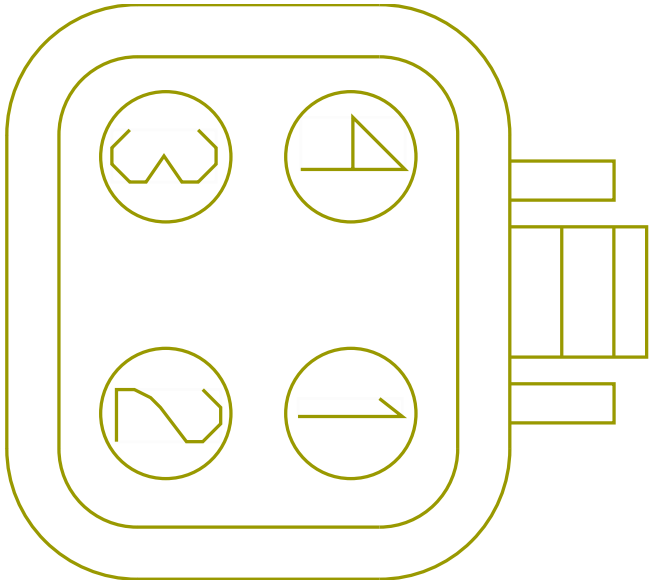
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	K193A	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
2	-	-	K193B	-	0.0	18.0	-	GREY	0.0	-	1	K03_6070

Connector Name	K03_6070
Part Number	4110039C1
Instances	High-Voltage Interlock:Diagram1
Mates	DEV-MSD2_HVIL-01



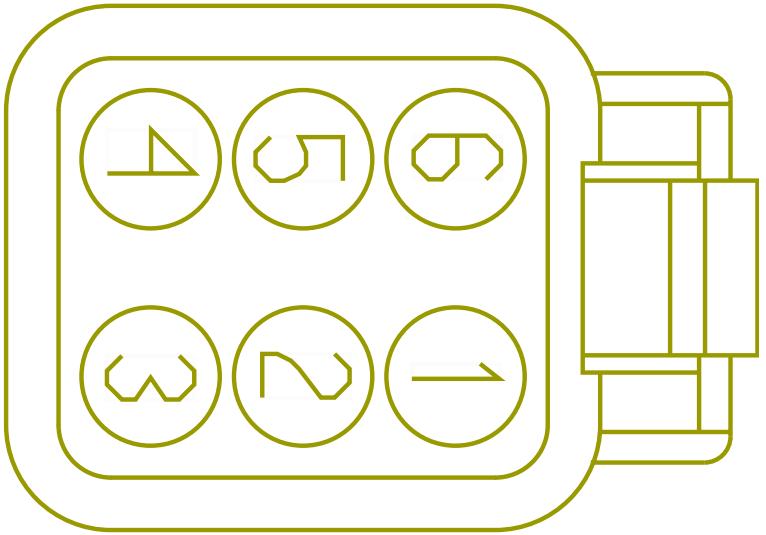
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K193B	-	0.0	18.0	-	GREY	0.0	-	2	K03_6060
2	-	-	K193C	-	0.0	18.0	-	GREY	0.0	-	PIN1	-

Connector Name	K03_6071
Part Number	3601743C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram3 - EV Components
Mates	DEV-CABIN_HEATER_PUMP-01



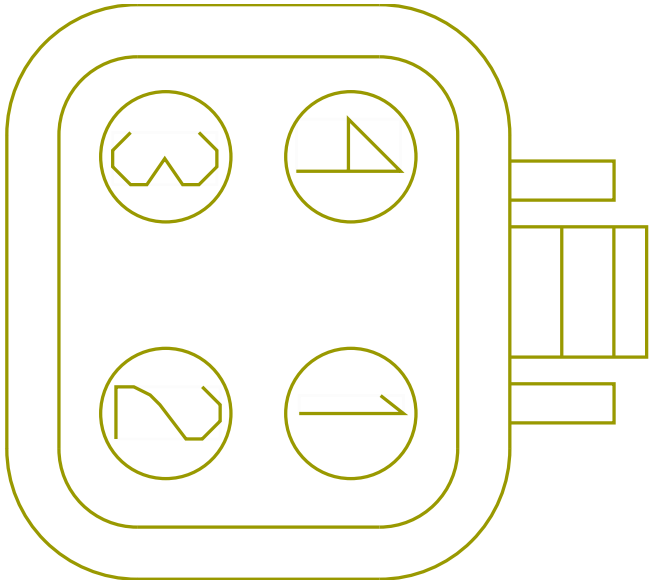
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K98A	-	0.0	14.0	-	BLACK	0.0	-	PIN1	-
2	-	-	K74A-G	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-
3	-	-	K74B	-	0.0	12.0	-	RED	0.0	-	-	-
4	-	-	K47A	-	0.0	14.0	-	PINK	0.0	-	PIN1	-

Connector Name	K03_6072
Part Number	3579124C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram3 - EV Components HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC
Mates	DEV-CABIN_HEATER_PUMP-01



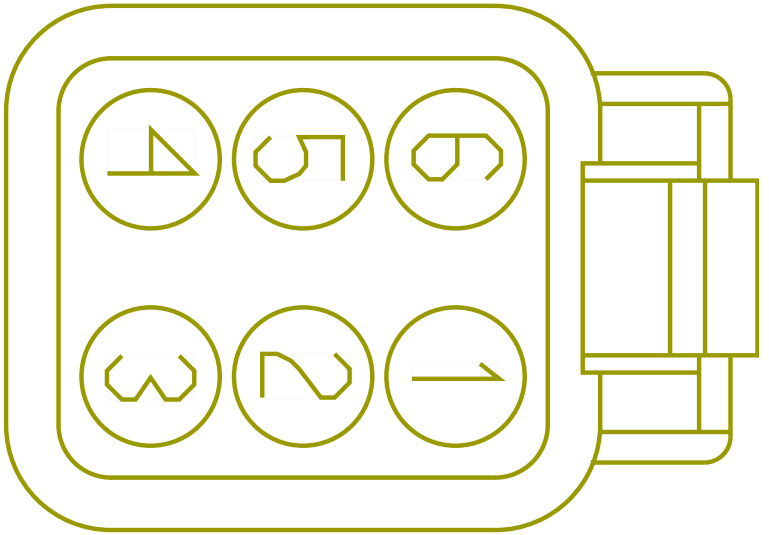
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE775612	-	0.0	-	-	-	0.0	-	PIN1	-
1	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	K98AB	-	0.0	18.0	-	BLACK	0.0	-	PIN1	-
6	-	-	WIRE775621	-	0.0	-	-	-	0.0	-	PIN1	-
6	-	-	-	-	-	-	-	-	-	-	-	-

Connector Name	K03_6073
Part Number	3557533C1
Instances	Power Electronics Coolant Temperature Monitoring:Diagram1
Mates	DEV-MEDIUM_TEMP_PUMP-01



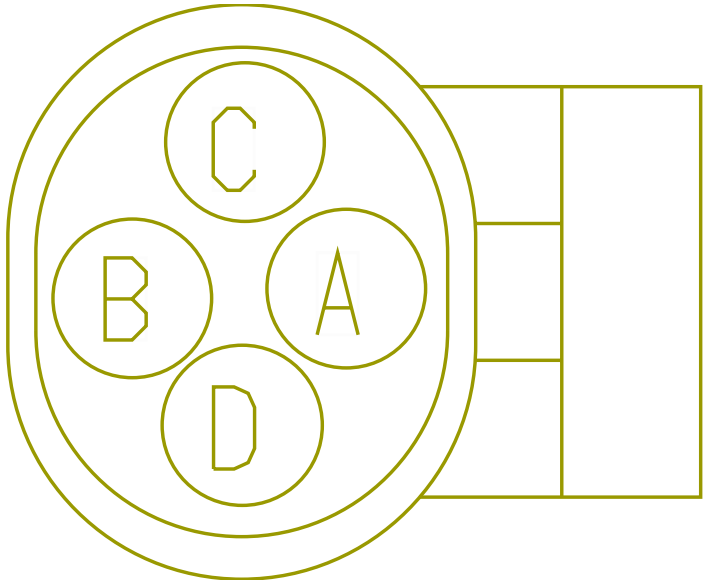
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
2	-	-	K74B-G	-	0.0	12.0	-	WHITE	0.0	-	-	-
3	-	-	K74C	-	0.0	12.0	-	LIGHT GREEN	0.0	-	-	-
4	-	-	K74D	-	0.0	12.0	-	LIGHT GREEN	0.0	-	PIN1	-

Connector Name	K03_6074
Part Number	3579124C1
Instances	HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC Power Electronics Coolant Temperature Monitoring:Diagram1
Mates	DEV-MEDIUM_TEMP_PUMP-01



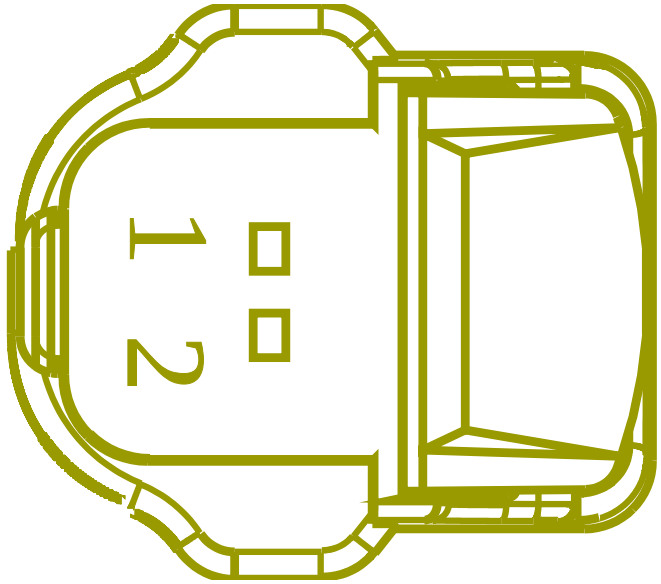
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE775634	-	0.0	-	-	-	0.0	-	PIN1	-
1	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	WIRE775633	-	0.0	-	-	-	0.0	-	PIN1	-
6	-	-	-	-	-	-	-	-	-	-	-	-

Connector Name	K03_6076
Part Number	1673746C1
Instances	Coolant Level Monitoring (W/VCU):Diagram1
Mates	DEV-MEDIUM_TEMP_COOLANT_SE NSOR-01



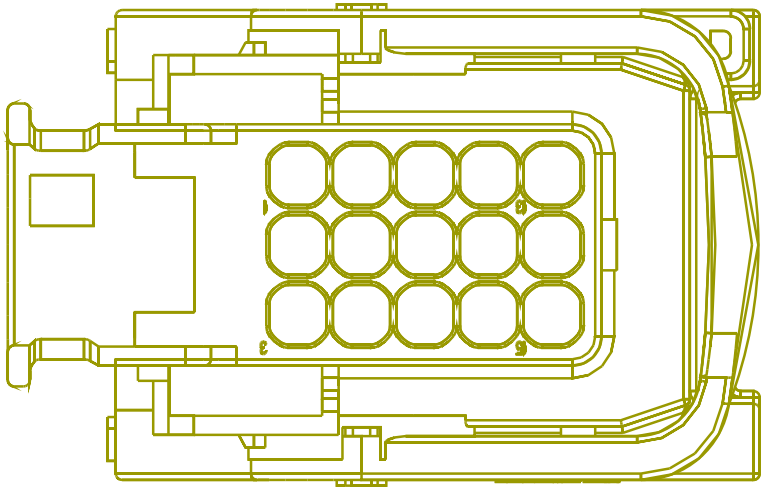
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K36A	-	0.0	18.0	-	TAN	0.0	-	-	-
B	-	-	K9F	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
C	-	-	K13L	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
D	-	-	K36B	-	0.0	18.0	-	TAN	0.0	-	PIN1	-

Connector Name	K03_6078
Part Number	4243365C1
Instances	Propulsion Coolant Temperature Monitoring (W/VCU):Diagram1
Mates	DEV-MT_TEMP_SENSOR-01



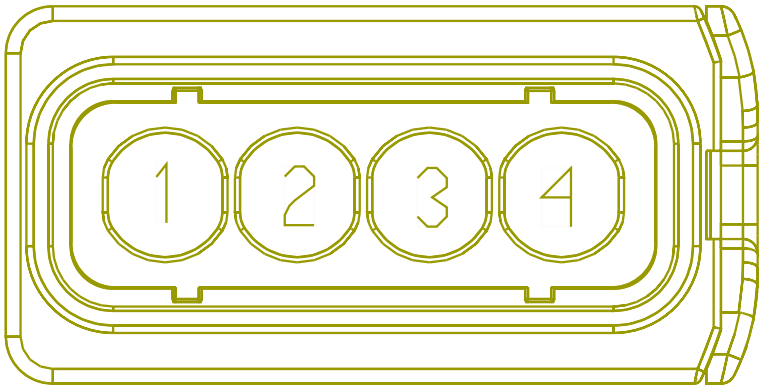
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K6C	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
2	-	-	K29BB	-	0.0	18.0	-	TAN	0.0	-	PIN1	-

Connector Name	K03_6081
Part Number	6113341C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	CP-B1-K03-3D



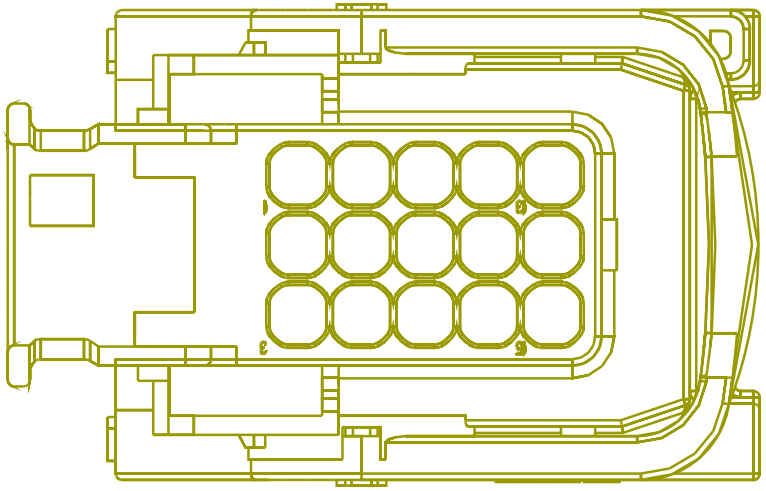
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	K23T	-	0.0	14.0	-	ORANGE	0.0	-	-	-
4	-	-	K14W	-	0.0	16.0	-	RED	0.0	-	-	-
7	-	-	K14X	-	0.0	16.0	-	RED	0.0	-	-	-

Connector Name	K03_6082
Part Number	6113338C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	CP-B1-K03-2E



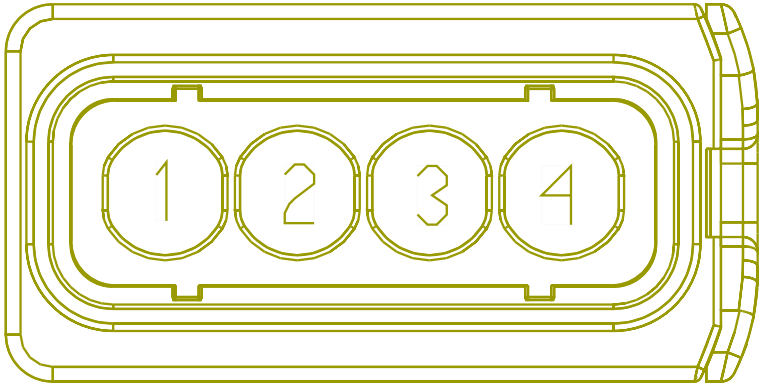
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	K74B	-	0.0	12.0	-	RED	0.0	-	-	-

Connector Name	K03_6083
Part Number	6113341C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2) VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	CP-B2-K03-3F



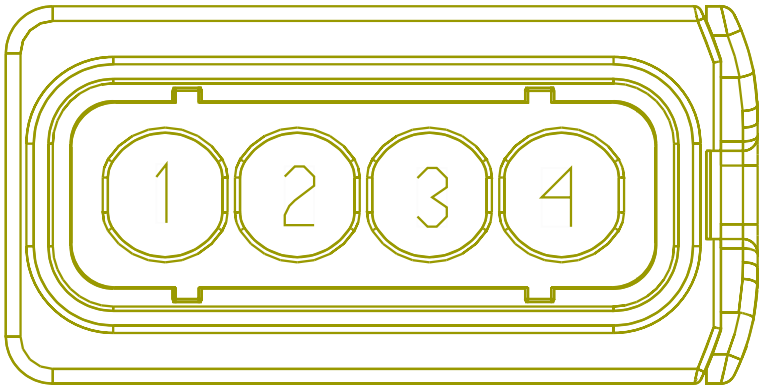
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K14Q	-	0.0	16.0	-	RED	0.0	-	-	-
4	-	-	K14R	-	0.0	16.0	-	RED	0.0	-	-	-
7	-	-	K14S	-	0.0	16.0	-	RED	0.0	-	-	-
7	-	-	K14S	-	0.0	16.0	-	RED	0.0	-	PIN1	-

Connector Name	K03_6084
Part Number	6113338C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2) VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	CP-B2-K03-2C



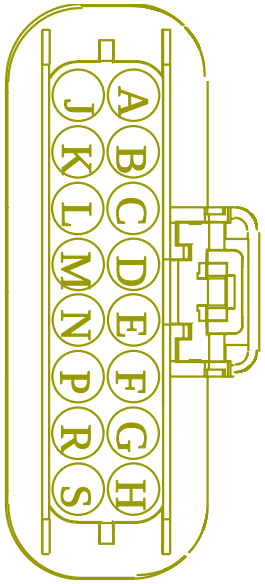
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K14T	-	0.0	10.0	-	RED	0.0	-	-	-
2	-	-	K14U	-	0.0	12.0	-	RED	0.0	-	-	-
2	-	-	K14U	-	0.0	12.0	-	RED	0.0	-	PIN1	-
3	-	-	K74C	-	0.0	12.0	-	LIGHT GREEN	0.0	-	-	-

Connector Name	K03_6084
Part Number	6113338C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	CP-B2-K03-2E



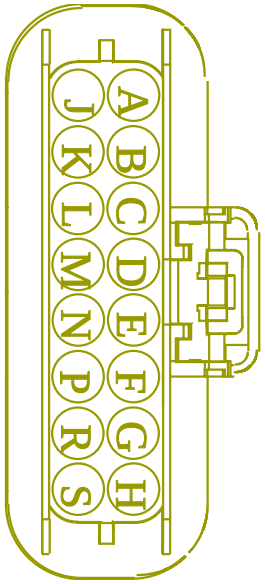
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K14T	-	0.0	10.0	-	RED	0.0	-	-	-

Connector Name	K03_6090
Part Number	3580539C1
Instances	HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC HV Power J1939 (500Kbps):HV Power J1939 (500Kbps)
Mates	P02_6090



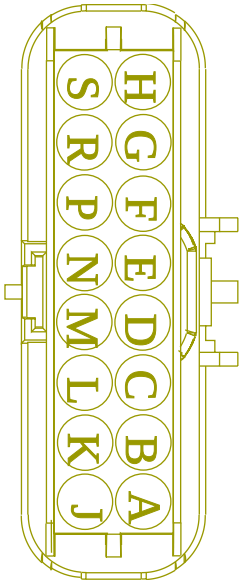
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE775638	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE775637	-	0.0	-	-	-	0.0	-	PIN1	-
E	-	-	WIRE775845	-	0.0	-	-	-	0.0	-	PIN1	-
F	-	-	WIRE775846	-	0.0	-	-	-	0.0	-	PIN1	-
R	-	-	WIRE775763	-	0.0	-	-	-	0.0	-	PIN1	-
S	-	-	WIRE775764	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	K03_6090
Part Number	3580539C1
Instances	Battery Management System (Post 05-2022) Option 2:Diagram1 Battery Management System (Post 05-2022) Option 2:Diagram2 Battery Management System (Pre 05-2022):Diagram1 Battery Management System (Pre 05-2022):Diagram2 Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1 High-Voltage Distribution Module (HVDM):Diagram1 High-Voltage Interlock:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1 Vehicle Control Unit (VCU):Diagram1
Mates	P02_6090



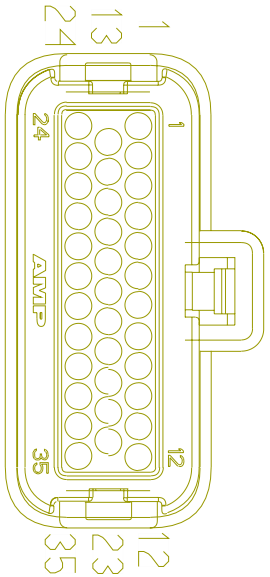
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
C	-	-	K193H	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
D	-	-	K32A	-	0.0	22.0	-	TAN	0.0	-	40	K03_6025
G	-	-	K97W	-	0.0	18.0	-	VIOLET	0.0	-	7	K03_6025
H	-	-	K13K	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
J	-	-	K97S	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
K	-	-	K97AE	-	0.0	22.0	-	VIOLET	0.0	-	8	K03_6025
L	-	-	K13J	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
M	-	-	K97K	-	0.0	16.0	-	PINK	0.0	-	Q2	K03_6030
N	-	-	K19C	-	0.0	22.0	-	GREY	0.0	-	52	K03_6025
P	-	-	K19E	-	0.0	22.0	-	GREY	0.0	-	60	K03_6025

Connector Name	K03_6091
Part Number	3580540C1
Instances	Battery Management System (Post 05-2022) Option 2:Diagram1 Battery Management System (Post 05-2022) Option 2:Diagram2 Battery Management System (Pre 05-2022):Diagram1 Battery Management System (Pre 05-2022):Diagram2 Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1 High-Voltage Interlock:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1 Powertrain Ground Distribution:Diagram1
Mates	P02_6091



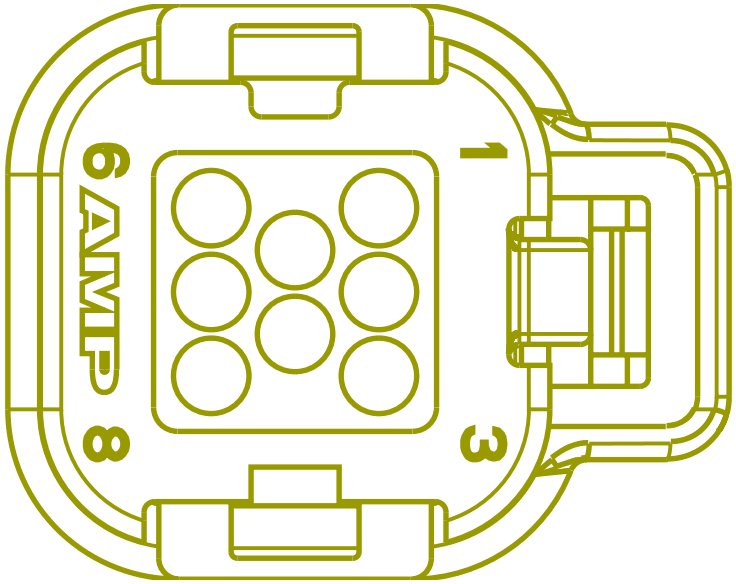
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
B	-	-	K97J	-	0.0	16.0	-	VIOLET	0.0	-	P2	K03_6030
E	-	-	K14AA	-	0.0	12.0	-	RED	0.0	-	PIN1	-
F	-	-	K14W	-	0.0	16.0	-	RED	0.0	-	-	-
G	-	-	K14C	-	0.0	16.0	-	RED	0.0	-	2	K03_1703
H	-	-	K97G	-	0.0	20.0	-	VIOLET	0.0	-	PIN1	-
R	-	-	K11P	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-
S	-	-	K11Q	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K03_7000
Part Number	3685466C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram3 - EV Components
Mates	DEV-A/C_VFD_DRIVE-01



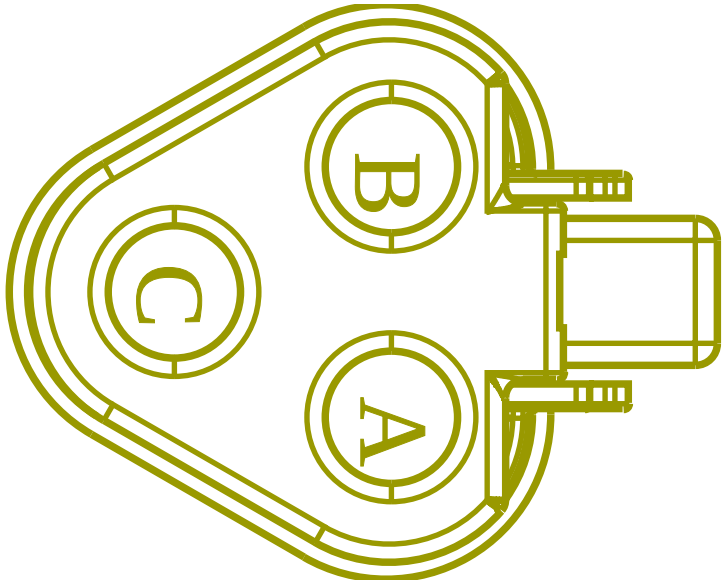
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
6	-	-	K23D	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
7	-	-	K23F	-	0.0	18.0	-	ORANGE	0.0	-	PIN1	-
8	-	-	K23E	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
9	-	-	K23H	-	0.0	18.0	-	ORANGE	0.0	-	PIN1	-
10	-	-	K23C	-	0.0	18.0	-	YELLOW 2	0.0	-	C	K03_7002
11	-	-	K23A	-	0.0	18.0	-	RED	0.0	-	A	K03_7002
12	-	-	K23B	-	0.0	18.0	-	BLACK	0.0	-	B	K03_7002
26	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	WIRE775519	-	0.0	-	-	-	0.0	-	PIN1	-
27	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	WIRE775518	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	K03_7001
Part Number	4243345C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram3 - EV Components High-Voltage Interlock:Diagram1 HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC
Mates	DEV-HVDC_COOLANT_HEATER-01



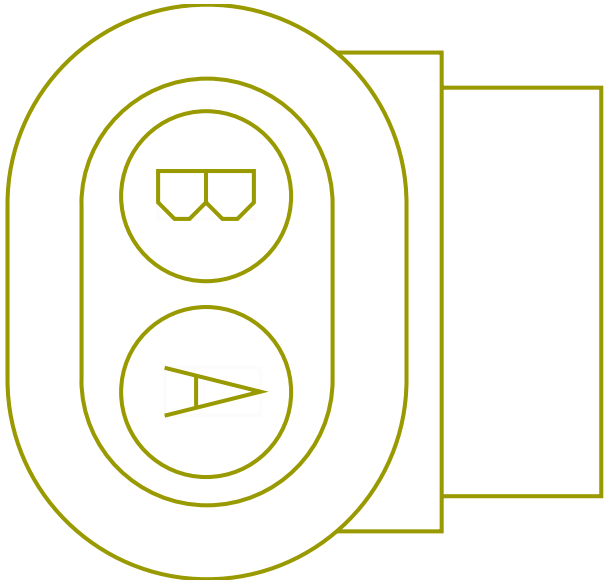
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K10V	-	0.0	18.0	-	RED	0.0	-	9	1702
2	-	-	K193L	-	0.0	18.0	-	RED	0.0	-	PIN1	-
3	-	-	WIRE775627	-	0.0	-	-	-	0.0	-	PIN1	-
3	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	K6M	-	0.0	18.0	-	ORANGE	0.0	-	PIN1	-
5	-	-	WIRE775619	-	0.0	-	-	-	0.0	-	PIN1	-
5	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	K10T	-	0.0	18.0	-	BLACK	0.0	-	-	-

Connector Name	K03_7002
Part Number	4223352C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram3 - EV Components
Mates	DEV-A/C_VFD_DRIVE-01



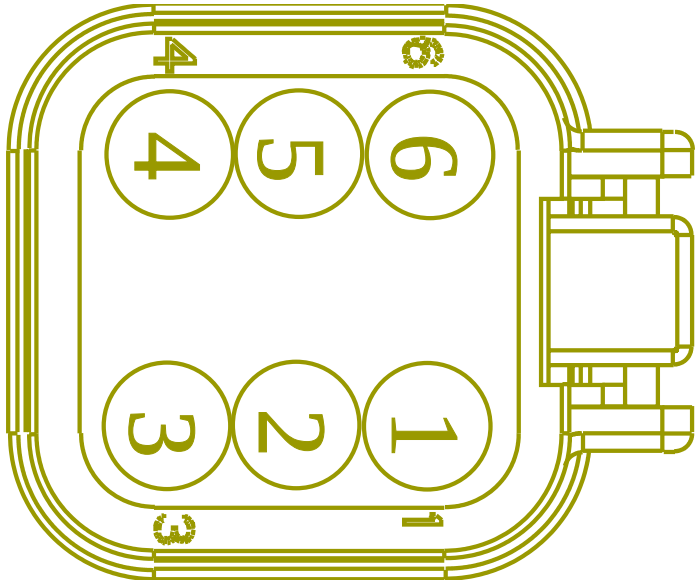
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	K23A	-	0.0	18.0	-	RED	0.0	-	11	K03_7000
B	-	-	K23B	-	0.0	18.0	-	BLACK	0.0	-	12	K03_7000
C	-	-	K23C	-	0.0	18.0	-	YELLOW 2	0.0	-	10	K03_7000

Connector Name	K03_7004
Part Number	1661778C1
Instances	Air Governor Control:Diagram1
Mates	M01_9700



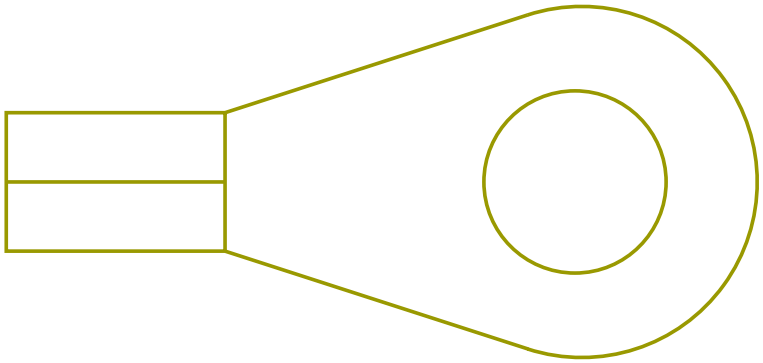
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K9B	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
B	-	-	K39EE	-	0.0	18.0	-	GREY	0.0	-	PIN1	-

Connector Name	K03_7005
Part Number	3572899C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram3 - EV Components
Mates	DEV-DCDC_24V_CONVERTER-01



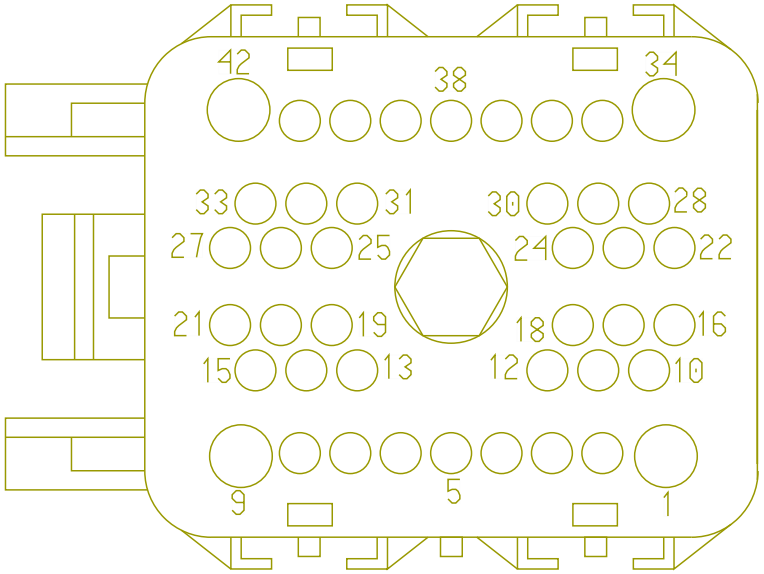
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K23R	-	0.0	16.0	-	ORANGE	0.0	-	PIN1	-
2	-	-	K23M	-	0.0	14.0	-	RED	0.0	-	1	1702
3	-	-	K23N	-	0.0	14.0	-	WHITE	0.0	-	PIN1	-
4	-	-	K23L	-	0.0	14.0	-	ORANGE	0.0	-	PIN1	-
5	-	-	K23S	-	0.0	16.0	-	ORANGE	0.0	-	PIN1	-
6	-	-	K23P	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-

Connector Name K03_9300
Part Number 3762701C1
Instances Vehicle Control Unit (VCU):Diagram1



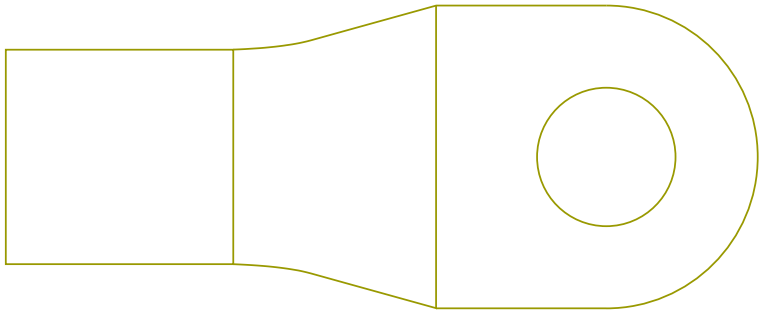
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K10C	-	0.0	10.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K07_1702
Part Number	3595620C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	A67_1702



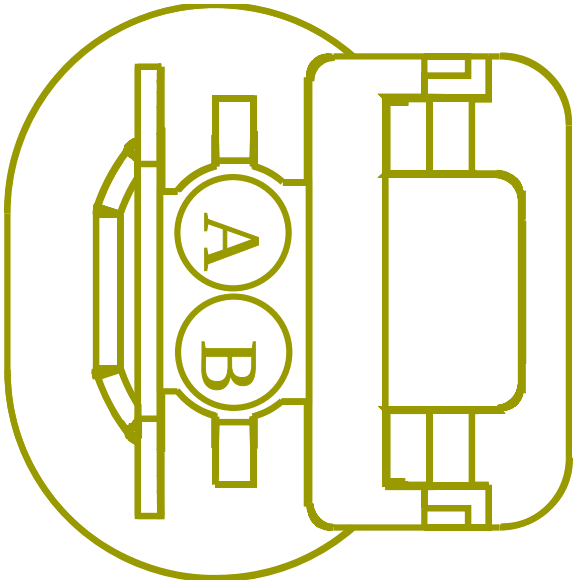
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	K13Z	-	0.0	16.0	-	RED	0.0	-	7	K07_6092
9	-	-	K10V	-	0.0	18.0	-	RED	0.0	-	1	K07_7001
38	-	-	K13Y	-	0.0	16.0	-	PINK	0.0	-	PIN1	-

Connector Name	K07_2G
Part Number	2241342C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components



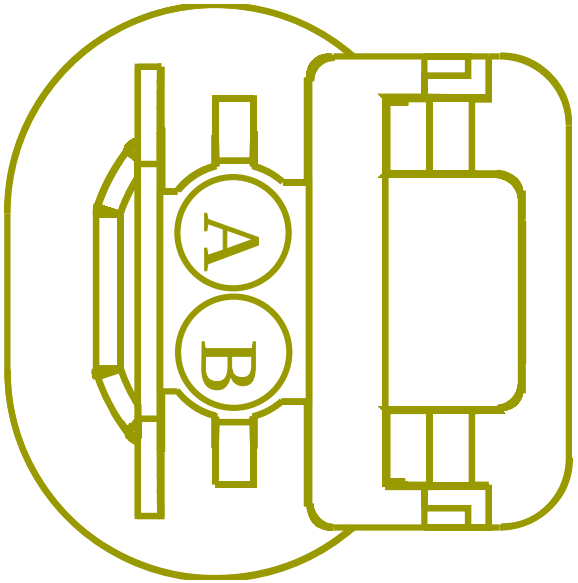
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K11	-	0.0	2.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K07_6023A
Part Number	4173578C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	DEV-HEAT_PUMP_RESISTOR_A-01



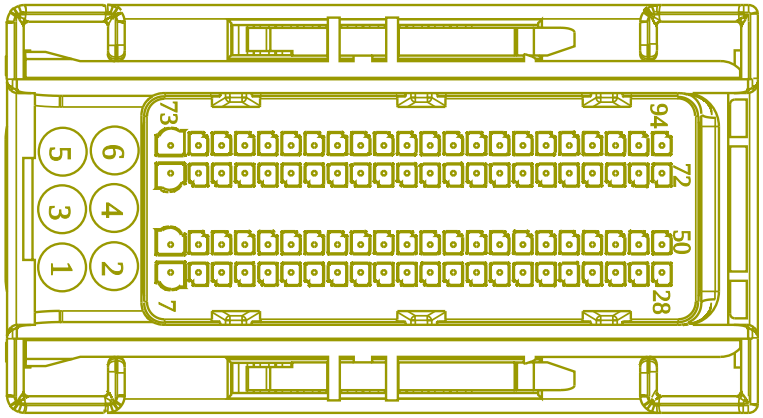
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K97Y	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
B	-	-	K11AA	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K07_6023B
Part Number	4173578C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	DEV-HEAT_PUMP_RESISTOR_B-01



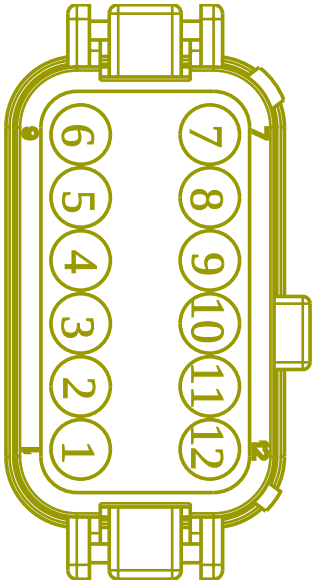
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K97Z	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
B	-	-	K11AB	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K07_6025
Part Number	4241464C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	MODU-VCU-A006-10-01



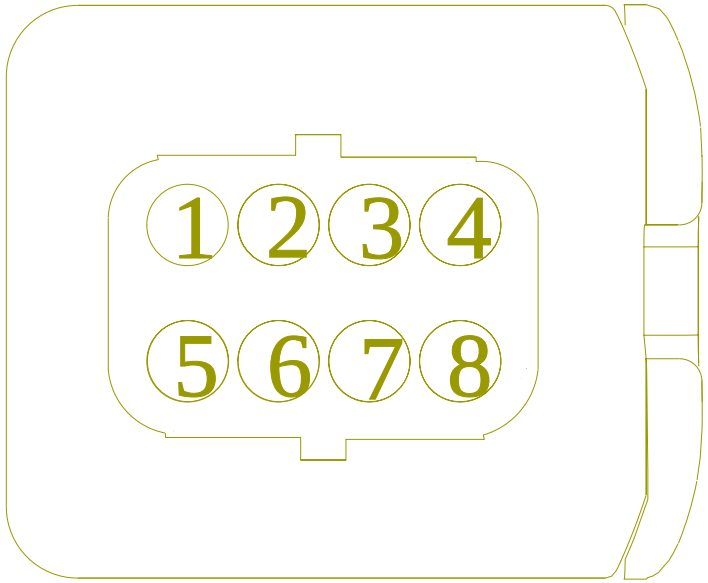
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
9	-	-	K97V	-	0.0	22.0	-	VIOLET	0.0	-	PIN1	-

Connector Name	K07_6050
Part Number	3601923C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	DEV-HVDU-01



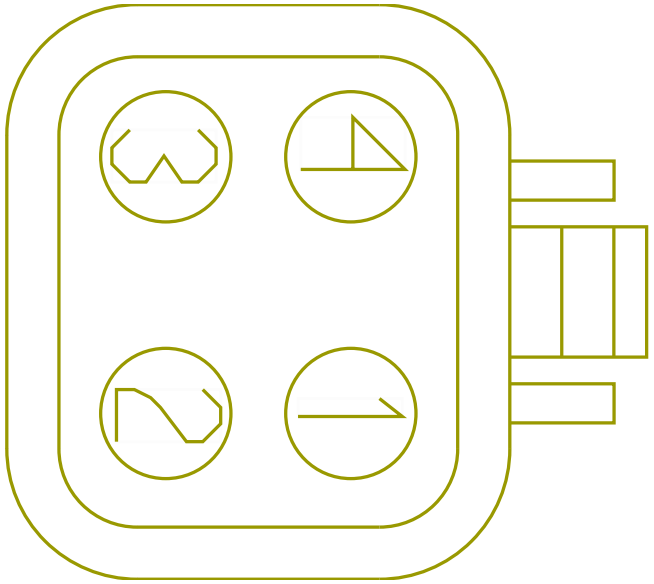
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
8	-	-	K13E	-	0.0	18.0	-	GREY	0.0	-	9	K07_6050
9	-	-	K13E	-	0.0	18.0	-	GREY	0.0	-	8	K07_6050

Connector Name	K07_6057
Part Number	6132203C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC
Mates	DEV-RADIATOR_MODULE-01



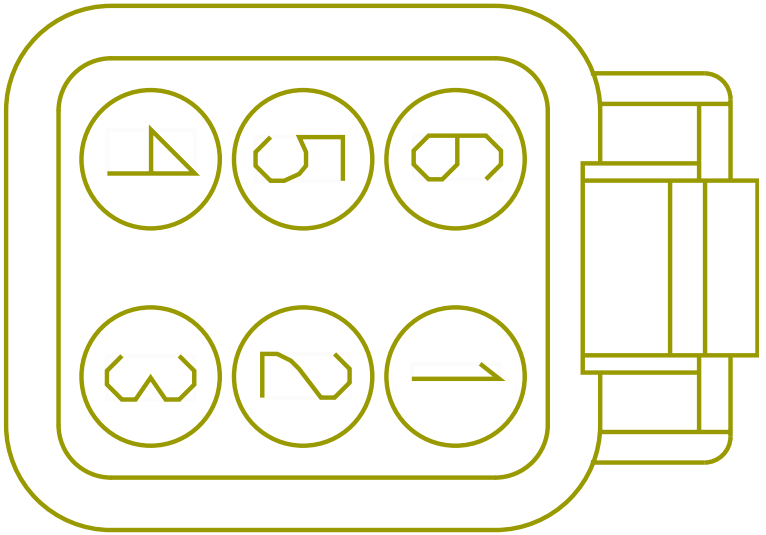
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	K13AB	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	K10R	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
8	-	-	K11S	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K07_6071
Part Number	3601743C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	DEV-CABIN_HEATER_PUMP-01



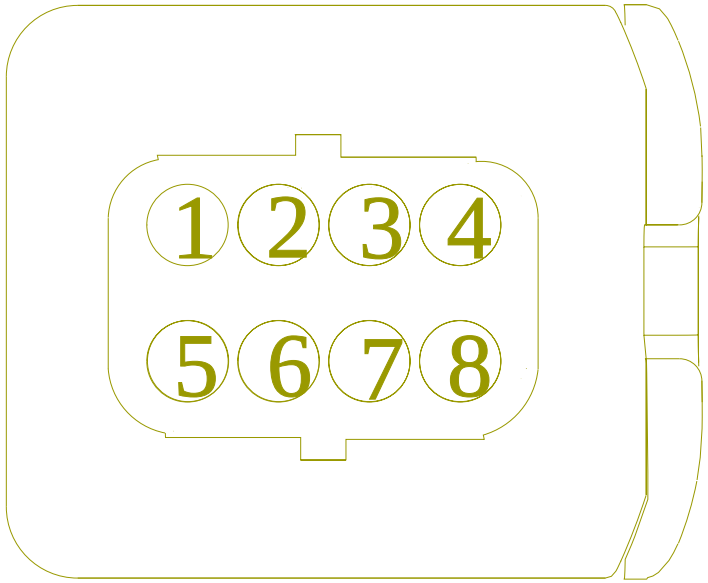
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K98A	-	0.0	14.0	-	BLACK	0.0	-	PIN1	-
2	-	-	K74A-G	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-
3	-	-	K74B	-	0.0	12.0	-	RED	0.0	-	-	-
4	-	-	K47A	-	0.0	14.0	-	PINK	0.0	-	PIN1	-

Connector Name	K07_6072
Part Number	3579124C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	DEV-CABIN_HEATER_PUMP-01



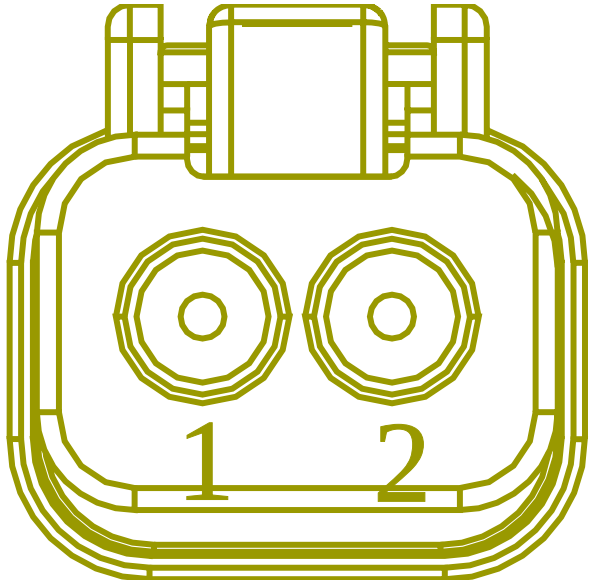
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	K98AB	-	0.0	18.0	-	BLACK	0.0	-	PIN1	-
6	-	-	-	-	-	-	-	-	-	-	-	-

Connector Name	K07_6092
Part Number	6132203C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC
Mates	DEV-AIR_COMPRESSOR-02



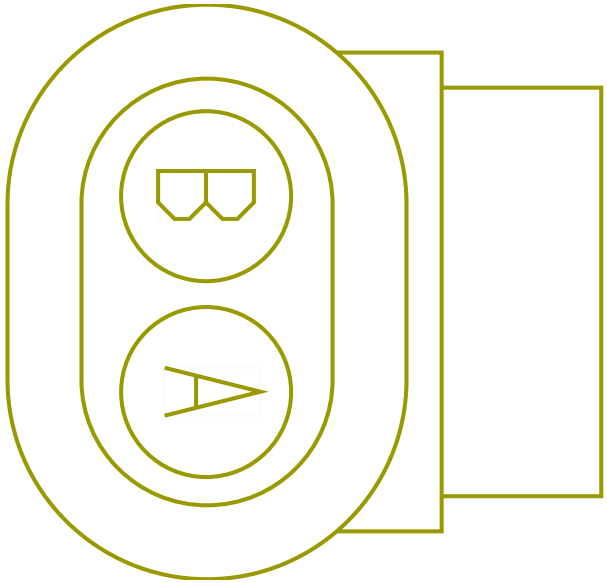
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE775912	-	0.0	-	-	-	0.0	-	PIN1	-
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	WIRE775913	-	0.0	-	-	-	0.0	-	PIN1	-
2	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	K193F	-	0.0	18.0	-	GREY	0.0	-	A	K07_6094
6	-	-	K193G	-	0.0	18.0	-	GREY	0.0	-	2	K07_6093
7	-	-	K13Z	-	0.0	16.0	-	RED	0.0	-	1	K07_1702
8	-	-	K77-G	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K07_6093
Part Number	3757487C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	DEV-HV_FILTER-01



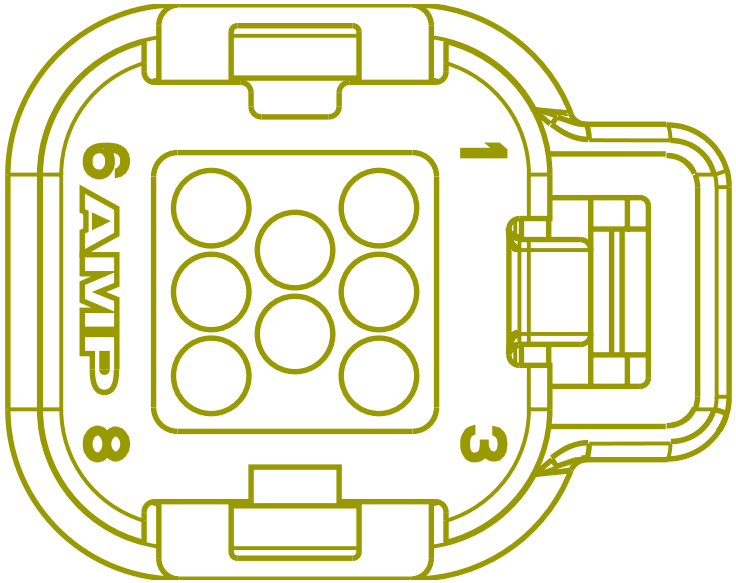
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	K193E	-	0.0	18.0	-	GREY	0.0	-	B	K07_6094
2	-	-	K193G	-	0.0	18.0	-	GREY	0.0	-	6	K07_6092

Connector Name	K07_6094
Part Number	1661778C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	P27_9004



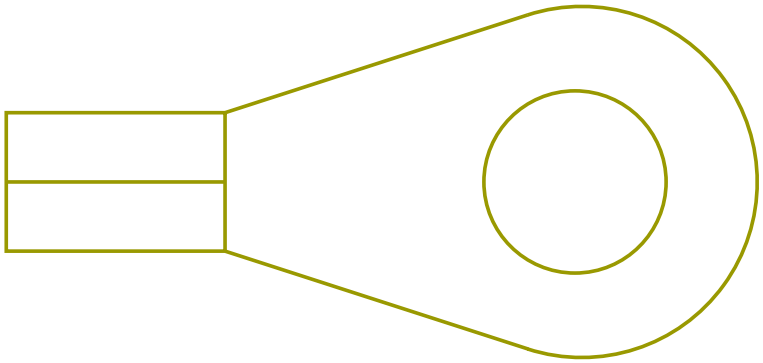
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	K193F	-	0.0	18.0	-	GREY	0.0	-	5	K07_6092
B	-	-	K193E	-	0.0	18.0	-	GREY	0.0	-	1	K07_6093

Connector Name	K07_7001
Part Number	4243345C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	DEV-HVDC_COOLANT_HEATER-01



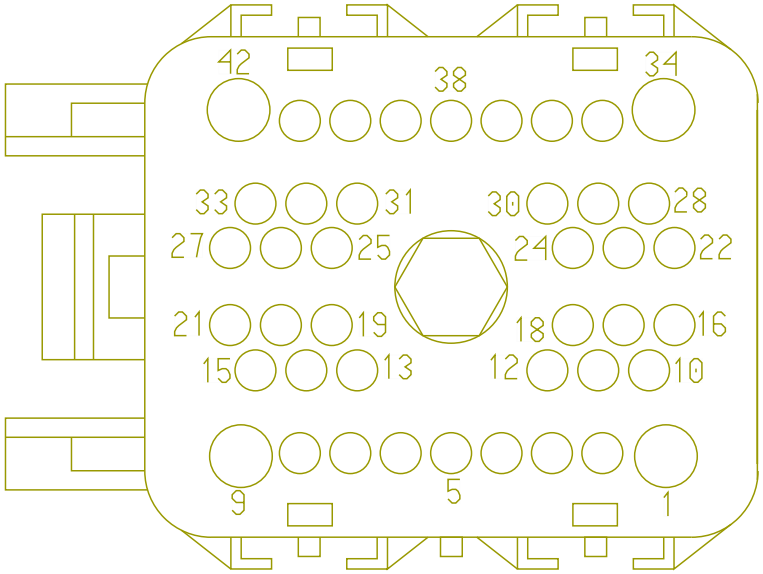
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K10V	-	0.0	18.0	-	RED	0.0	-	9	K07_1702
3	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	K10T	-	0.0	18.0	-	BLACK	0.0	-	PIN1	-

Connector Name	K07_9300B
Part Number	3762701C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K10D	-	0.0	10.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K08_1702
Part Number	3595620C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram2 Charge Port Monitoring OCI System (Rev 2):Diagram1
Mates	A67_1702

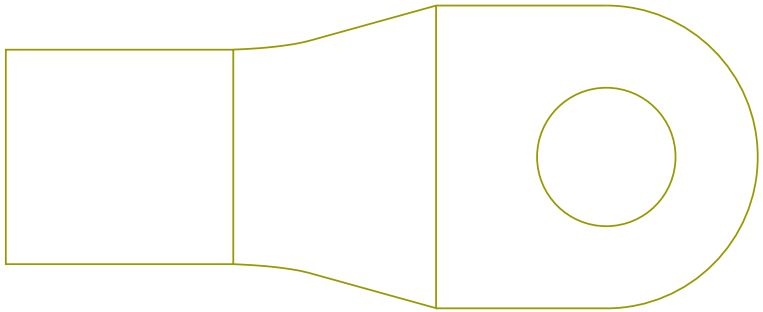


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
2	-	-	K97H	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	0.0	-	3	K08_6036
5	-	-	K14X	-	0.0	16.0	-	RED	0.0	-	PIN1	-

Connector Name K08_2G

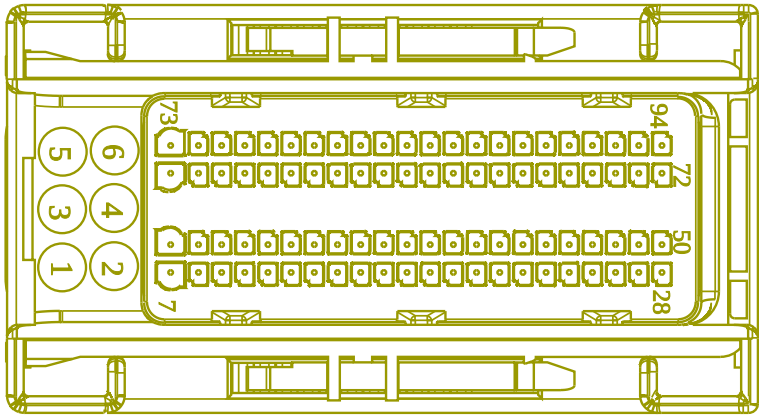
Part Number 2241342C1

Instances Battery Management System (Post 05-2022) Option 1:Diagram1
Battery Management System (Post 05-2022) Option 1:Diagram2



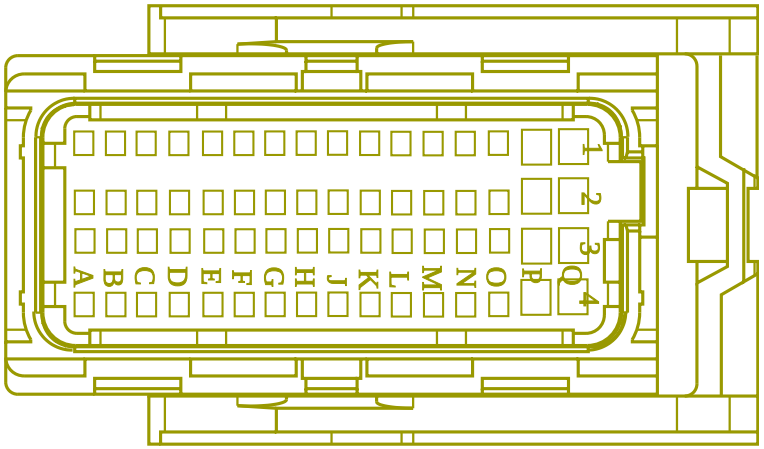
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K11	-	0.0	2.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K08_6025
Part Number	4241464C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram1 Charge Port Monitoring OCI System (Rev 2):Diagram1
Mates	MODU-VCU-A006-10-01



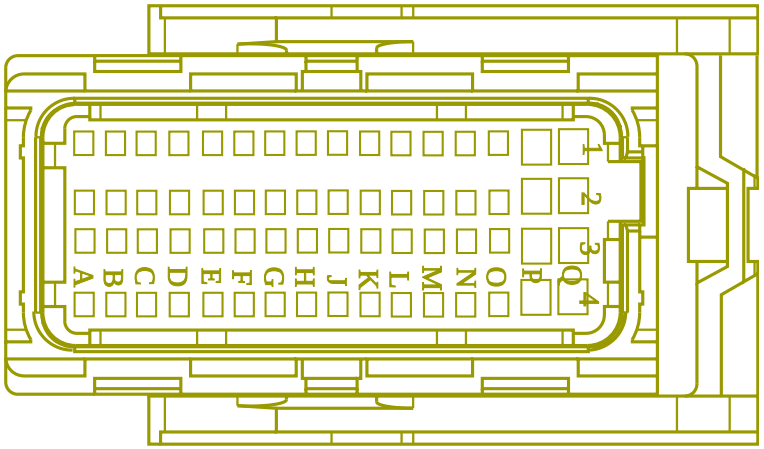
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
24	-	-	K13H	-	0.0	22.0	-	PINK	0.0	-	PIN1	-
73	-	-	K97U	-	0.0	20.0	-	VIOLET	0.0	-	PIN1	-

Connector Name K08_6030
Part Number 4243360C1
Instances HV Power J1939 (500Kbps):HV Power J1939 (500Kbps)



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
C1	-	-	WIRE775914	-	0.0	-	-	-	0.0	-	PIN1	-
C2	-	-	WIRE775917	-	0.0	-	-	-	0.0	-	PIN1	-
D1	-	-	WIRE775915	-	0.0	-	-	-	0.0	-	PIN1	-
D2	-	-	WIRE775916	-	0.0	-	-	-	0.0	-	PIN1	-

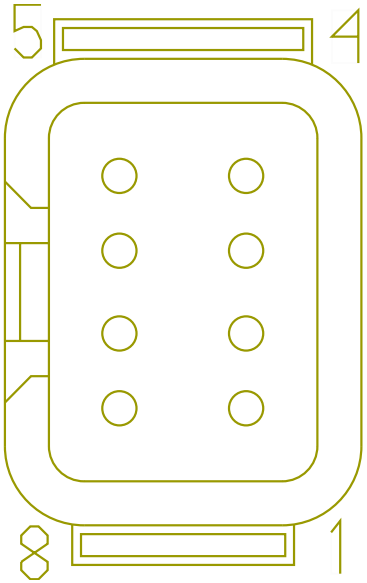
Connector Name	K08_6030
Part Number	4243360C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram1 Battery Management System (Post 05-2022) Option 1:Diagram2
Mates	DEV-SCU-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A1	-	-	K97T	-	0.0	0.5A	-	VIOLET	0.0	-	PIN1	-
B2	-	-	K97L	-	0.0	0.5A	-	PINK	0.0	-	PIN1	-
C1	-	-	-	-	-	-	-	-	-	-	-	-
C2	-	-	-	-	-	-	-	-	-	-	-	-
D1	-	-	-	-	-	-	-	-	-	-	-	-
D2	-	-	-	-	-	-	-	-	-	-	-	-
J1	-	-	K10S	-	0.0	0.5A	-	WHITE	0.0	-	PIN1	-
J2	-	-	K10J	-	0.0	0.5A	-	WHITE	0.0	-	PIN1	-
K1	-	-	K14H	-	0.0	0.5A	-	PINK	0.0	-	PIN1	-
K2	-	-	K14K	-	0.0	0.5A	-	PINK	0.0	-	PIN1	-
K4	-	-	K97F	-	0.0	0.5A	-	VIOLET	0.0	-	PIN1	-
L1	-	-	K14J	-	0.0	0.5A	-	PINK	0.0	-	PIN1	-
L2	-	-	K14L	-	0.0	0.5A	-	PINK	0.0	-	PIN1	-
L4	-	-	K97GG	-	0.0	0.5A	-	VIOLET	0.0	-	PIN1	-
M2	-	-	K10P	-	0.0	0.5A	-	WHITE	0.0	-	PIN1	-

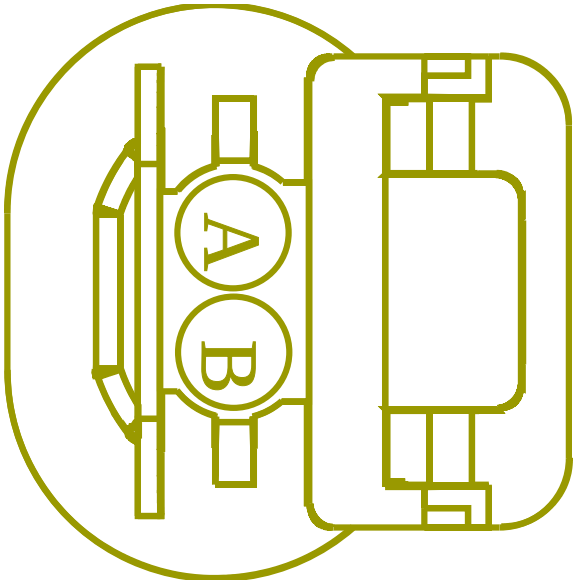
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
M3	-	-	K10K	-	0.0	0.5A	-	WHITE	0.0	-	PIN1	-
M4	-	-	K10M	-	0.0	0.5A	-	WHITE	0.0	-	PIN1	-
P2	-	-	K97J	-	0.0	16.0	-	VIOLET	0.0	-	B	K08_6091
P3	-	-	K10L	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
P4	-	-	K10N	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
Q1	-	-	K97R	-	0.0	16.0	-	PINK	0.0	-	7	K08_6050
Q2	-	-	K97K	-	0.0	16.0	-	PINK	0.0	-	M	K08_6090

Connector Name	K08_6036
Part Number	3539140C1
Instances	Charge Port Monitoring OCI System (Rev 2):Diagram1
Mates	DEV-VCU_IGN_DIODE-01



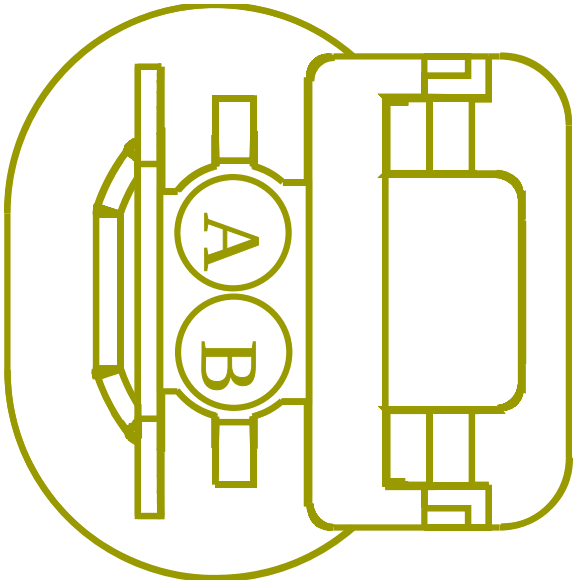
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
2	-	-	K13D	-	0.0	18.0	-	PINK	0.0	-	C	K08_6091
3	-	-	K97H	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	0.0	-	2	K08_1702
4	-	-	K13HH	-	0.0	18.0	-	PINK	0.0	-	PIN1	-

Connector Name	K08_6037
Part Number	4173578C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram2
Mates	DEV-AC_POS_RESISTOR-01



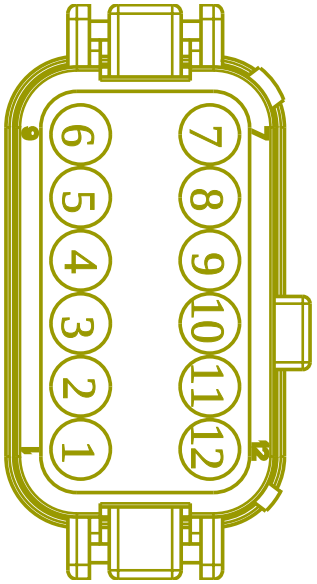
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K97M	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
B	-	-	K11B	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K08_6038
Part Number	4173578C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram2
Mates	DEV-AC_NEG_RESISTOR-01



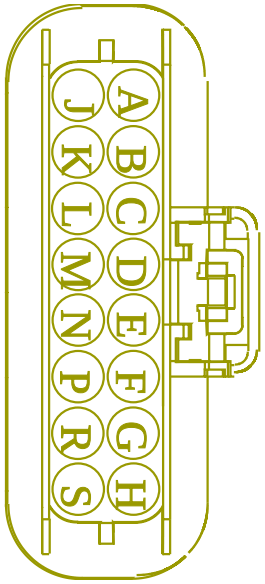
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K97N	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
B	-	-	K11C	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K08_6050
Part Number	3601923C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram2
Mates	DEV-HVDU-01



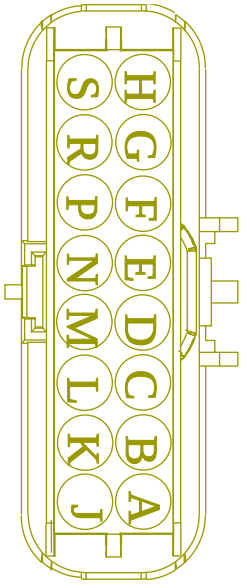
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
2	-	-	K11D	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
5	-	-	K14Z	-	0.0	18.0	-	RED	0.0	-	PIN1	-
6	-	-	K14Y	-	0.0	18.0	-	RED	0.0	-	PIN1	-
7	-	-	K97R	-	0.0	16.0	-	PINK	0.0	-	Q1	K08_6030
10	-	-	K14M	-	0.0	18.0	-	RED	0.0	-	PIN1	-
11	-	-	K97Q	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
12	-	-	K97P	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-

Connector Name	K08_6090
Part Number	3580539C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram1 Battery Management System (Post 05-2022) Option 1:Diagram2
Mates	P60_6090



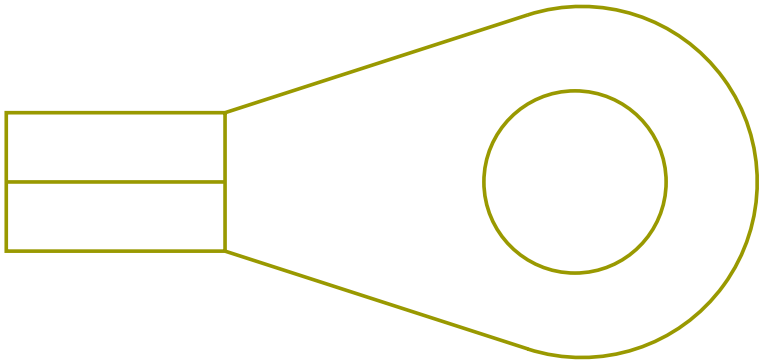
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
J	-	-	K97S	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
M	-	-	K97K	-	0.0	16.0	-	PINK	0.0	-	Q2	K08_6030

Connector Name	K08_6091
Part Number	3580540C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram1 Battery Management System (Post 05-2022) Option 1:Diagram2 Charge Port Monitoring OCI System (Rev 2):Diagram1
Mates	P60_6091



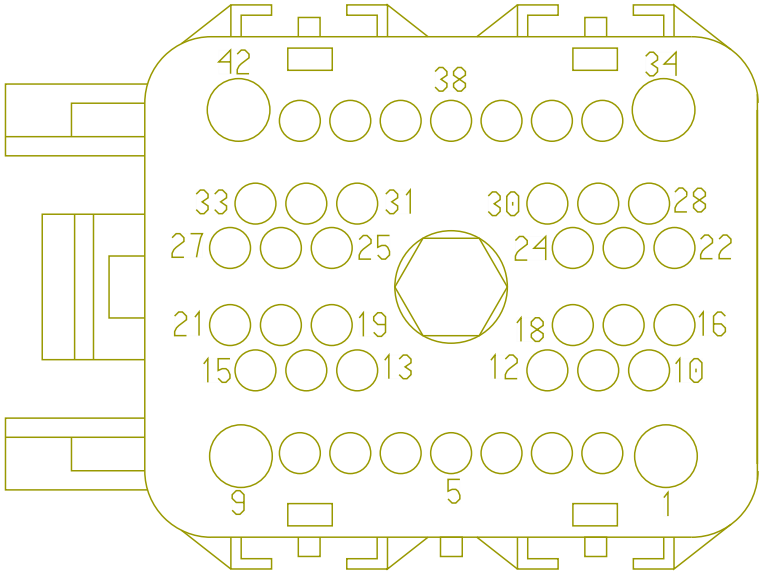
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
B	-	-	K97J	-	0.0	16.0	-	VIOLET	0.0	-	P2	K08_6030
C	-	-	K13D	-	0.0	18.0	-	PINK	0.0	-	2	K08_6036
F	-	-	K14W	-	0.0	16.0	-	RED	0.0	-	-	-
H	-	-	K97G	-	0.0	20.0	-	VIOLET	0.0	-	PIN1	-
R	-	-	K11P	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-
S	-	-	K11Q	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-

Connector Name K08_9300A
Part Number 3762701C1
Instances Battery Management System (Post 05-2022) Option 1:Diagram1



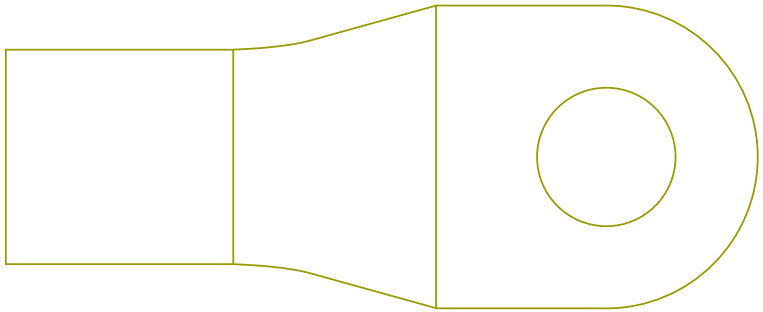
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K10C	-	0.0	10.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K11_1702
Part Number	3595620C1
Instances	Body Builder Power Prewire (ePower Prewire):Diagram1
Mates	A74_1702



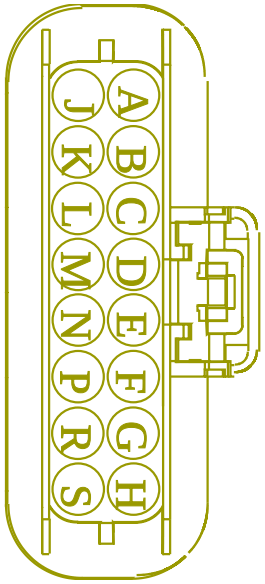
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
38	-	-	K13Y	-	0.0	16.0	-	PINK	0.0	-	PIN1	-
39	-	-	K14YJ	-	0.0	18.0	-	RED	0.0	-	K	K11_6091

Connector Name K11_2G
Part Number 2241342C1
Instances Body Builder Power Prewire (ePower Prewire):Diagram1



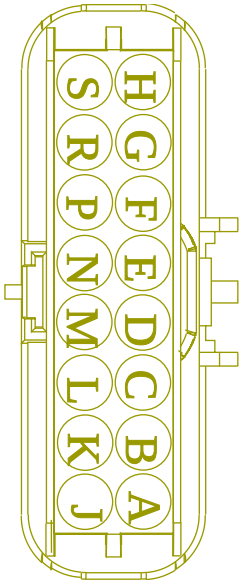
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K11	-	0.0	2.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K11_6090
Part Number	3580539C1
Instances	Body Builder Power Prewire (ePower Prewire):Diagram1
Mates	P101_6090



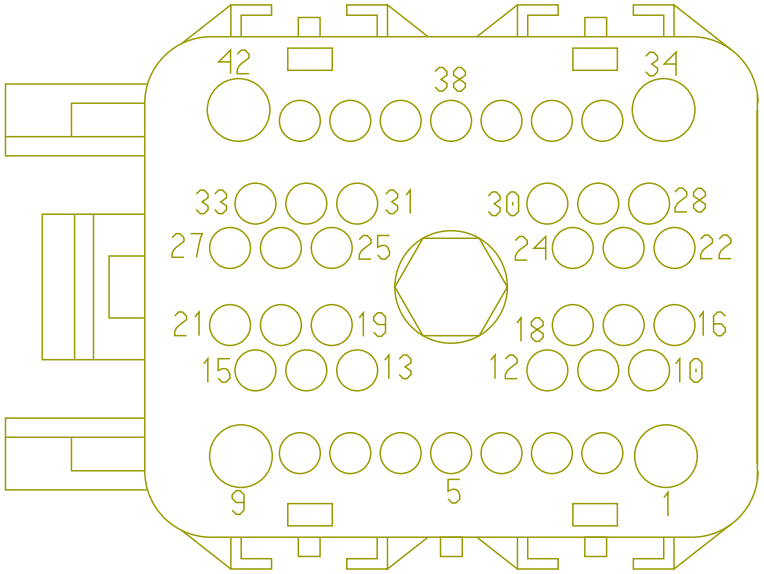
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
L	-	-	K13J	-	0.0	18.0	-	PINK	0.0	-	PIN1	-

Connector Name	K11_6091
Part Number	3580540C1
Instances	Body Builder Power Prewire (ePower Prewire):Diagram1
Mates	P101_6091



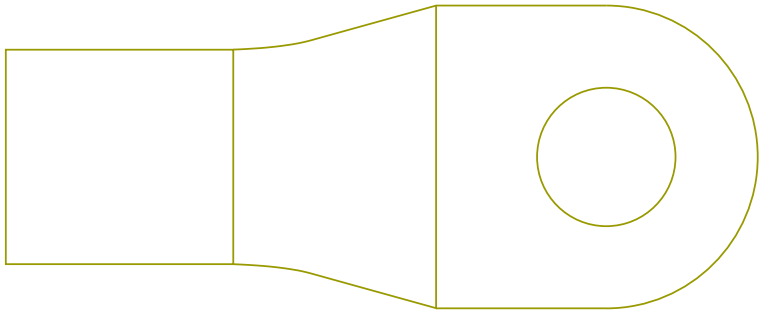
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
K	-	-	K14YJ	-	0.0	18.0	-	RED	0.0	-	39	K11_1702
S	-	-	K11Q	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K13_1702
Part Number	3595620C1
Instances	Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1 Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2 Engine Speed Control (ePTO):Diagram2 HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1
Mates	A67_1702



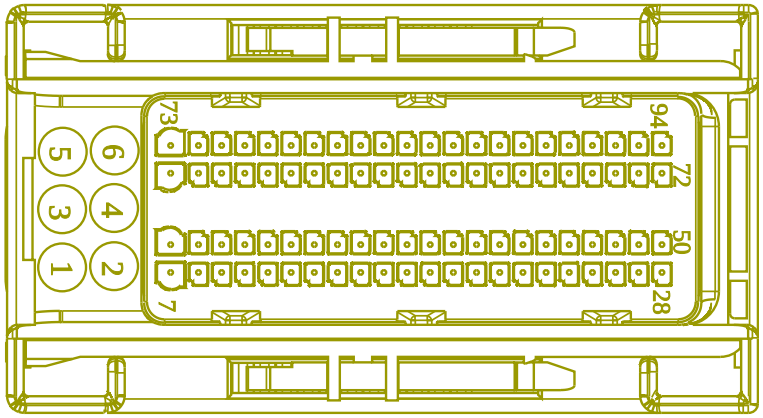
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
12	-	-	WIRE825806	-	0.0	-	-	-	0.0	-	PIN1	-
13	-	-	WIRE825805	-	0.0	-	-	-	0.0	-	PIN1	-
31	-	-	K14AE	-	0.0	18.0	-	RED	0.0	-	PIN1	-
32	-	-	K97AFF	-	0.0	16.0	-	VIOLET	0.0	-	PIN1	-
33	-	-	K13V	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
34	-	-	K13W	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
38	-	-	K13Y	-	0.0	16.0	-	PINK	0.0	-	PIN1	-

Connector Name	K13_2G
Part Number	2241342C1
Instances	Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram2



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K11	-	0.0	2.0	-	WHITE	0.0	-	PIN1	-

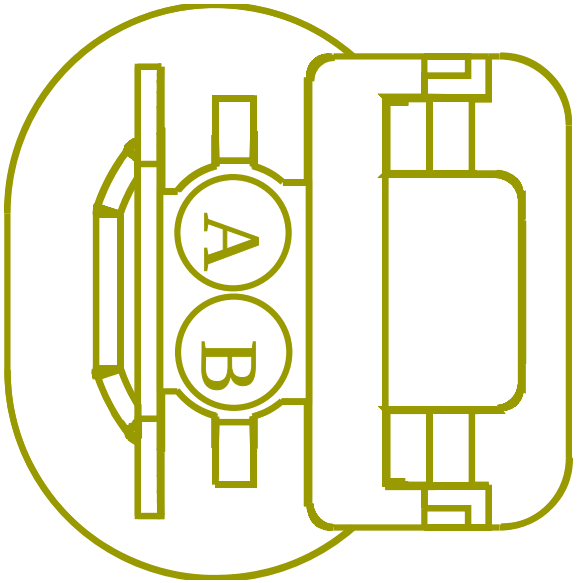
Connector Name	K13_6025
Part Number	4241464C1
Instances	Body Builder Power Prewire (ePower Prewire):Diagram1 Engine Speed Control (ePTO):Diagram3 HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram2
Mates	MODU-VCU-A006-01-00



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
7	-	-	K97W	-	0.0	18.0	-	VIOLET	0.0	-	G	K13_6090
8	-	-	K97AE	-	0.0	22.0	-	VIOLET	0.0	-	K	K13_6090
29	-	-	K97AJ	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
30	-	-	K99F	-	0.0	20.0	-	GREY	0.0	-	3	K13_6095F
32	-	-	K97CA	-	0.0	20.0	-	GREY	0.0	-	9	K13_6095F
33	-	-	K97CB	-	0.0	20.0	-	GREY	0.0	-	1	K13_6095F
41	-	-	K99RA	-	0.0	20.0	-	GREY	0.0	-	12	K13_6095F
44	-	-	K46A	-	0.0	20.0	-	GREY	0.0	-	2	K13_6095F
45	-	-	K46B	-	0.0	20.0	-	GREY	0.0	-	4	K13_6095F
47	-	-	K97C	-	0.0	22.0	-	VIOLET	0.0	-	PIN1	-
51	-	-	K97AF	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-

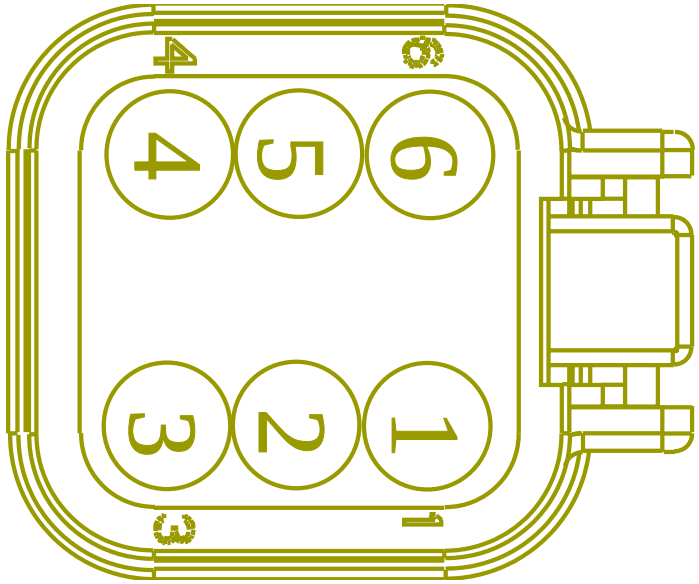
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
58	-	-	K46ES	-	0.0	20.0	-	GREY	0.0	-	11	K13_6095F
67	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	WIRE825837	-	0.0	-	-	-	0.0	-	PIN1	-
69	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	K6D	-	0.0	20.0	-	GREY	0.0	-	8	K13_6095F
79	-	-	K9D	-	0.0	22.0	-	GREY	0.0	-	PIN1	-
89	-	-	-	-	-	-	-	-	-	-	-	-
89	-	-	WIRE825084	-	0.0	-	-	-	0.0	-	PIN1	-
91	-	-	-	-	-	-	-	-	-	-	-	-

Connector Name	K13_6026
Part Number	4173578C1
Instances	HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
Mates	TERMINATING RESISTOR



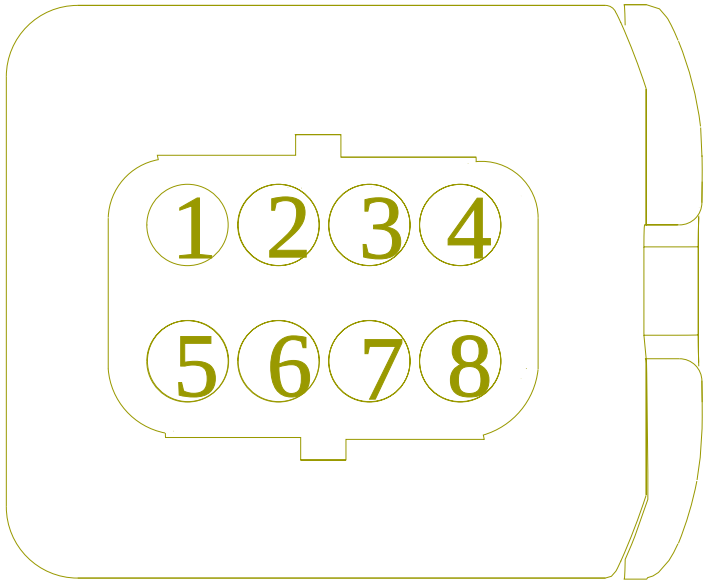
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE825063	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE825064	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	K13_6035
Part Number	3572899C1
Instances	HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1
Mates	DEV-QX_INVERTER-01



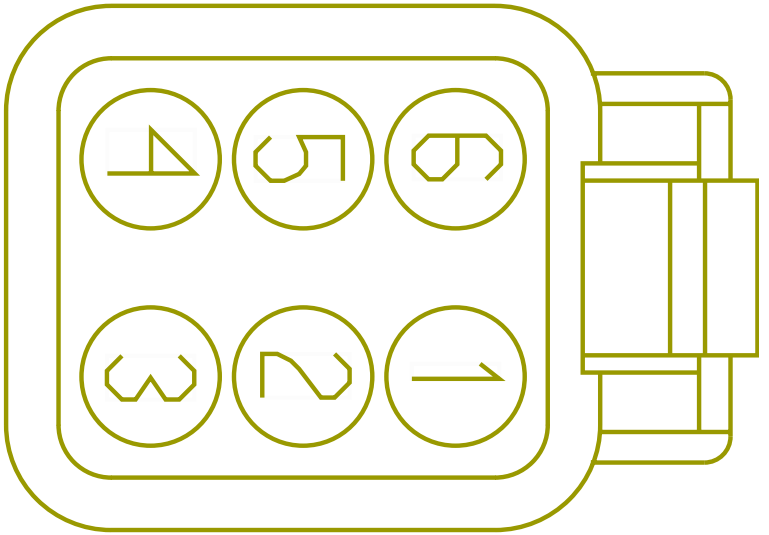
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE825069	-	0.0	-	-	-	0.0	-	PIN1	-
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	WIRE825074	-	0.0	-	-	-	0.0	-	PIN1	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	K13AC	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
4	-	-	K11T	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K13_6057
Part Number	6132203C1
Instances	HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
Mates	DEV-RADIATOR_MODULE-01



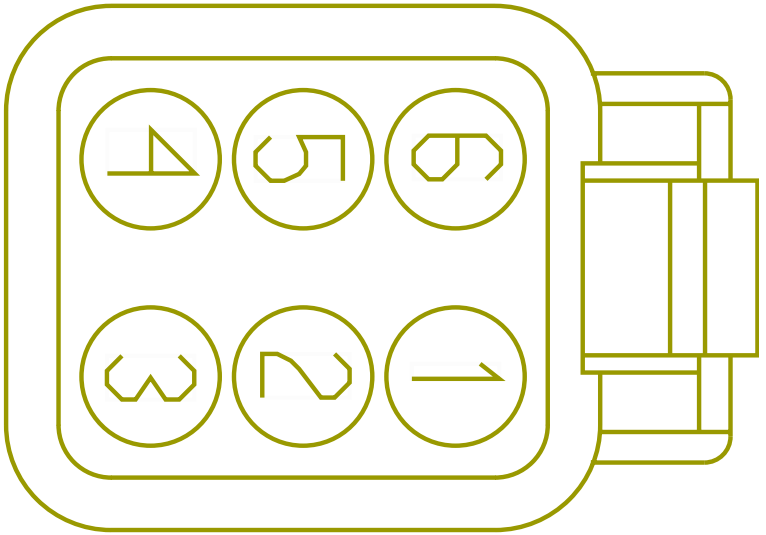
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE825071	-	0.0	-	-	-	0.0	-	PIN1	-
2	-	-	WIRE825070	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	K13_6072
Part Number	3579124C1
Instances	HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
Mates	DEV-CABIN_HEATER_PUMP-01



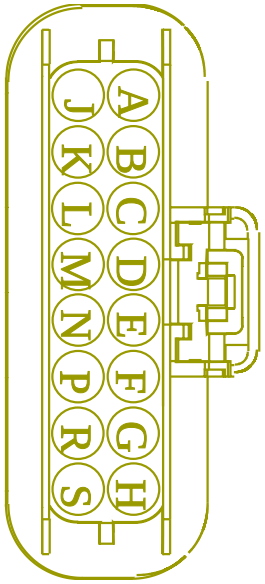
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE825051	-	0.0	-	-	-	0.0	-	PIN1	-
6	-	-	WIRE825817	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	K13_6074
Part Number	3579124C1
Instances	HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
Mates	DEV-MEDIUM_TEMP_PUMP-01



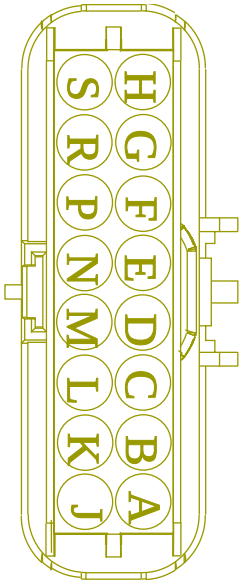
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE825067	-	0.0	-	-	-	0.0	-	PIN1	-
6	-	-	WIRE825818	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	K13_6090
Part Number	3580539C1
Instances	Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1 Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2 Engine Speed Control (ePTO):Diagram2 HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram2
Mates	P101_6090



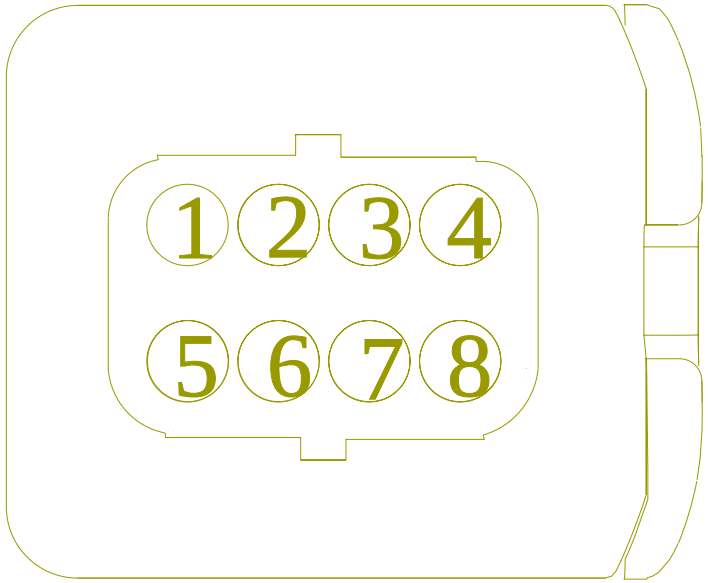
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE825808	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE825809	-	0.0	-	-	-	0.0	-	PIN1	-
G	-	-	K97W	-	0.0	18.0	-	VIOLET	0.0	-	7	K13_6025
H	-	-	K13K	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
K	-	-	K97AE	-	0.0	22.0	-	VIOLET	0.0	-	8	K13_6025
L	-	-	K13J	-	0.0	18.0	-	PINK	0.0	-	PIN1	-

Connector Name	K13_6091
Part Number	3580540C1
Instances	Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram2
Mates	P101_6091



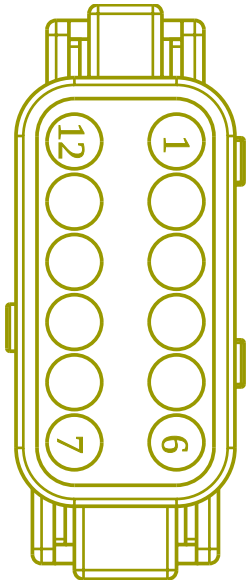
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
E	-	-	K14AA	-	0.0	12.0	-	RED	0.0	-	PIN1	-
R	-	-	K11P	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-
S	-	-	K11Q	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-

Connector Name	K13_6092
Part Number	6132203C1
Instances	HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
Mates	DEV-AIR_COMPRESSOR-02



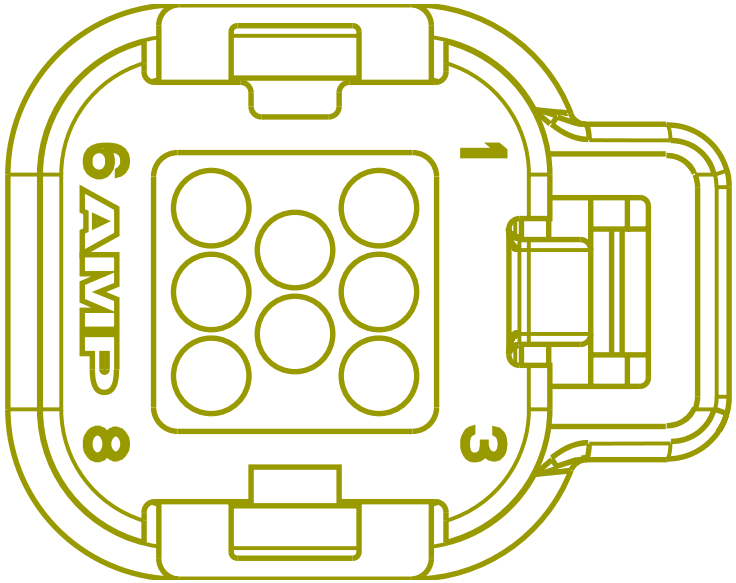
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE825057	-	0.0	-	-	-	0.0	-	PIN1	-
2	-	-	WIRE825062	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	K13_6095F
Part Number	3586750C1
Instances	Engine Speed Control (ePTO):Diagram3
Mates	DEV-ePTO_BB_CONN-01



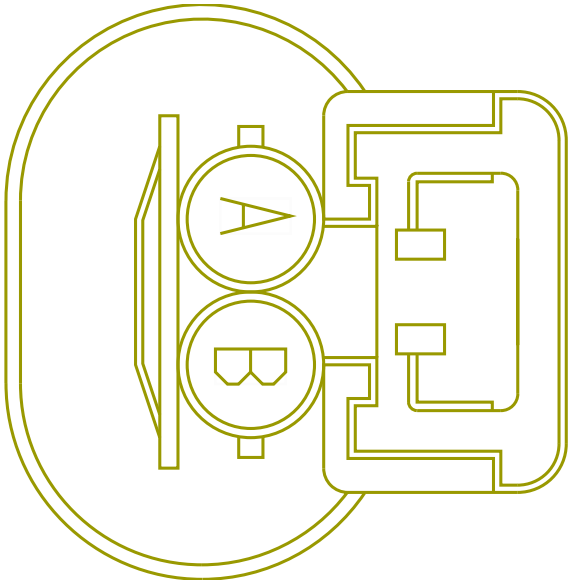
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K97CB	-	0.0	20.0	-	GREY	0.0	-	33	K13_6025
2	-	-	K46A	-	0.0	20.0	-	GREY	0.0	-	44	K13_6025
3	-	-	K99F	-	0.0	20.0	-	GREY	0.0	-	30	K13_6025
4	-	-	K46B	-	0.0	20.0	-	GREY	0.0	-	45	K13_6025
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	K9D-G	-	0.0	20.0	-	GREY	0.0	-	PIN1	-
8	-	-	K6D	-	0.0	20.0	-	GREY	0.0	-	71	K13_6025
9	-	-	K97CA	-	0.0	20.0	-	GREY	0.0	-	32	K13_6025
10	-	-	K9A-G	-	0.0	20.0	-	GREY	0.0	-	PIN1	-
11	-	-	K46ES	-	0.0	20.0	-	GREY	0.0	-	58	K13_6025
12	-	-	K99RA	-	0.0	20.0	-	GREY	0.0	-	41	K13_6025

Connector Name	K13_7001
Part Number	4243345C1
Instances	HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
Mates	DEV-HVDC_COOLANT_HEATER-02



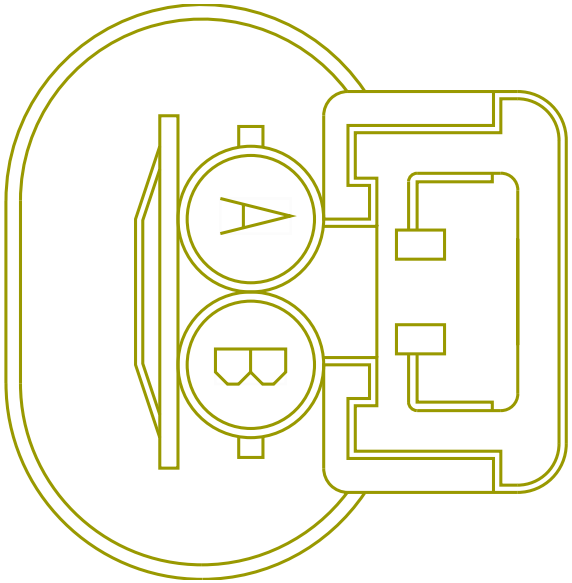
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
3	-	-	WIRE825800	-	0.0	-	-	-	0.0	-	PIN1	-
5	-	-	WIRE825801	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	M01_1657M
Part Number	3683465C1
Instances	Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps)
Mates	Terminating Resistor



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE775535	-	0.0	-	-	-	0.0	-	62	M01_1700
B	-	-	WIRE775547	-	0.0	-	-	-	0.0	-	61	M01_1700

Connector Name	M01_1657
Part Number	3683465C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps)
Mates	TERMINATING RESISTOR



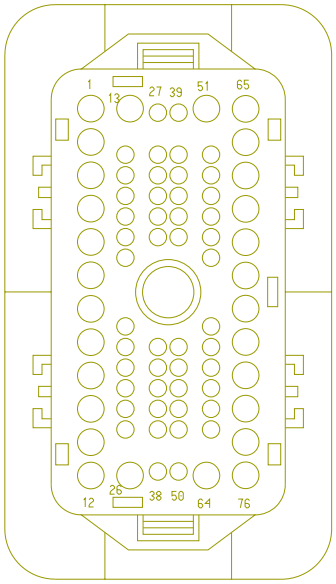
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE720028	-	0.0	-	-	-	0.0	-	X	-
B	-	-	WIRE720030	-	0.0	-	-	-	0.0	-	X	-

Connector Name M01_1700

Part Number 3595624C1

Instances Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1
Body Standard J1939 (250Kbps):Body Standard J1939 (250Kbps)
City Horn:Diagram1
Directional Signals (Turn) (LED CAN) W/O Plow Lights, W/O Fender Lights:Diagram1
Front Fog Lamps:Diagram1
Headlights (LED CAN) W/O Plow Lights:Diagram1
Marker Lighting (LED CAN Headlamp) N/Plow Lts, N/Fender Lts, N/Guide Posts:Diagram1
Mirrors (Heated) (Door Pod Actuated 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Mirrors (Heated) (Door Pod Actuated, 2 Cab and 2 Hood Mirrors):Diagram1
Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Vehicle Sound Generator:Diagram1
Windshield Washer Pump & Low Fluid Sensor (MV, CE):Diagram1
Windshield Washer Pump W/O Low Fluid Sensor:Diagram1

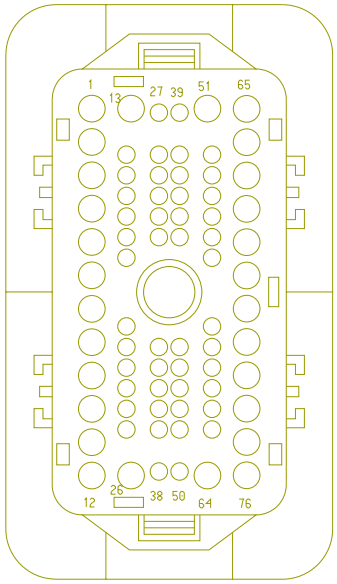
Mates A67_1700



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	14L	-	0.0	14.0	-	RED	0.0	-	1	M01_8001
2	-	-	14R	-	0.0	14.0	-	RED	0.0	-	1	M01_8000
3	-	-	13L	-	0.0	14.0	-	PINK	0.0	-	3	M01_8001
4	-	-	13R	-	0.0	14.0	-	PINK	0.0	-	3	M01_8000
17	-	-	87C	-	0.0	18.0	-	GREY	0.0	-	1	M01_4022
18	-	-	9BB	-	0.0	18.0	-	GREY	0.0	-	2	M01_4022
19	-	-	87KA	-	0.0	16.0	-	GREY	0.0	-	1	M01_4021
20	-	-	87BA	-	0.0	18.0	-	GREY	0.0	-	2	M01_4021
21	-	-	85E	-	0.0	16.0	-	GREY	0.0	-	A	M01_8301

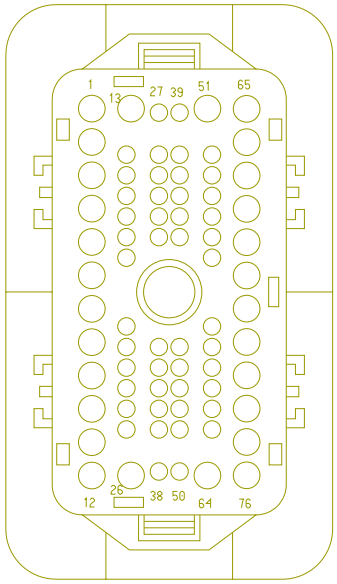
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
22	-	-	64A	-	0.0	16.0	-	YELLOW 2	0.0	-	1	M01_8201
23	-	-	64B	-	0.0	16.0	-	YELLOW 2	0.0	-	1	M01_8200
24	-	-	86CA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	A	M01_9555F
25	-	-	86DA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	B	M01_9555F
27	-	-	94	-	0.0	18.0	-	GREY	0.0	-	A	M01_8500
28	-	-	94A	-	0.0	16.0	-	GREY	0.0	-	-	-
29	-	-	94B	-	0.0	18.0	-	GREY	0.0	-	C	M01_8500
30	-	-	94C	-	0.0	16.0	-	GREY	0.0	-	-	-
31	-	-	94D	-	0.0	16.0	-	GREY	0.0	-	-	-
32	-	-	94E	-	0.0	16.0	-	GREY	0.0	-	-	-
33	-	-	94F	-	0.0	16.0	-	RED	0.0	-	-	-
34	-	-	94H	-	0.0	16.0	-	GREY	0.0	-	-	-
35	-	-	94J	-	0.0	16.0	-	GREY	0.0	-	-	-
36	-	-	94K	-	0.0	16.0	-	GREY	0.0	-	-	-
37	-	-	-	-	-	-	-	-	-	-	-	-
38	-	-	-	-	-	-	-	-	-	-	-	-
63	-	-	78BC	-	0.0	16.0	-	LIGHT GREEN	0.0	-	A	M01_8700
64	-	-	78AC	-	0.0	16.0	-	LIGHT GREEN	0.0	-	A	M01_8701

Connector Name	M01_1700
Part Number	3595624C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps)
Mates	A67_1700



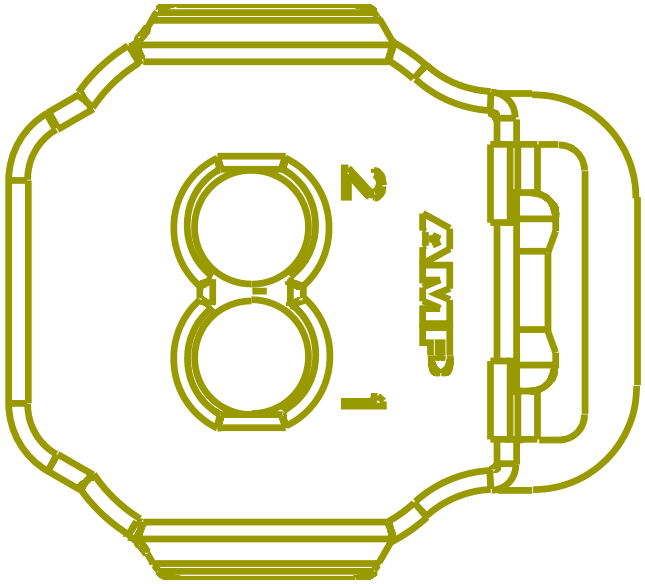
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
5	-	-	77	-	0.0	16.0	-	LIGHT GREEN	0.0	-	A	M01_8900
7	-	-	75-G	-	0.0	16.0	-	WHITE	0.0	-	B	M01_8900
39	-	-	WIRE720038	-	0.0	-	-	-	0.0	-	X	-
40	-	-	WIRE720036	-	0.0	-	-	-	0.0	-	1	-
61	-	-	WIRE775547	-	0.0	-	-	-	0.0	-	B	M01_1657M
62	-	-	WIRE775535	-	0.0	-	-	-	0.0	-	A	M01_1657M

Connector Name	M01_1700
Part Number	3595624C1
Instances	HVAC Actuators:Diagram 1
Mates	A67_1700



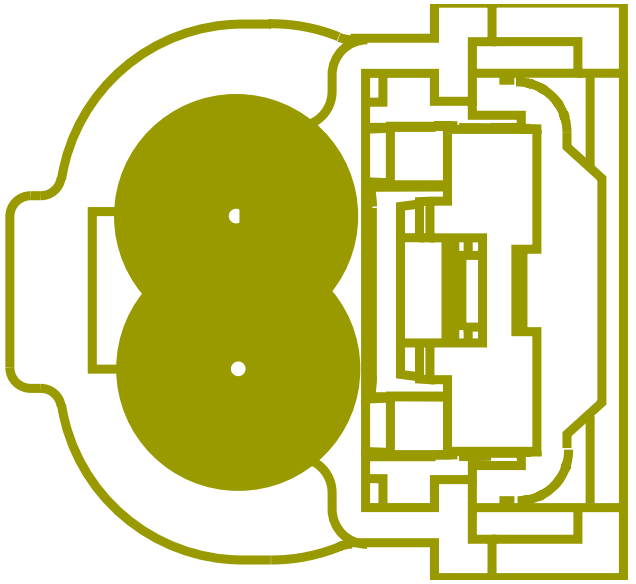
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
5	-	-	77	-	0.0	16.0	-	LIGHT GREEN	0.0	-	A	M01_8900
7	-	-	75-G	-	0.0	16.0	-	WHITE	0.0	-	B	M01_8900

Connector Name	M01_4021
Part Number	3536864C1
Instances	Windshield Washer Pump & Low Fluid Sensor (MV, CE):Diagram1 Windshield Washer Pump W/O Low Fluid Sensor:Diagram1
Mates	DEV-WASHER_BOTTLE_ASSEMBLY -02



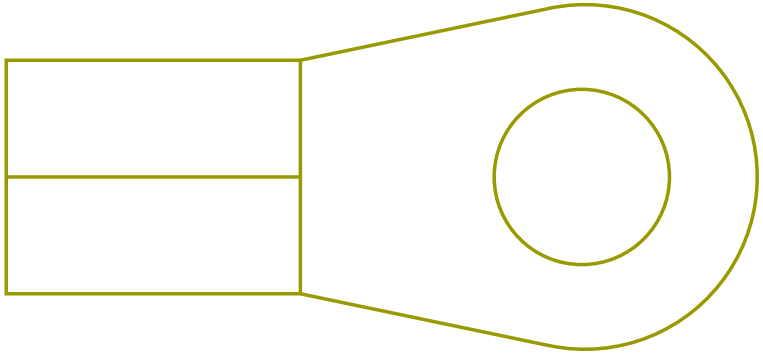
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	87KA	-	0.0	16.0	-	GREY	0.0	-	19	M01_1700
2	-	-	87BA	-	0.0	18.0	-	GREY	0.0	-	20	M01_1700

Connector Name	M01_4022
Part Number	4147159C1
Instances	Windshield Washer Pump & Low Fluid Sensor (MV, CE):Diagram1
Mates	DEV-WASHER_BOTTLE_ASSEMBLY -02



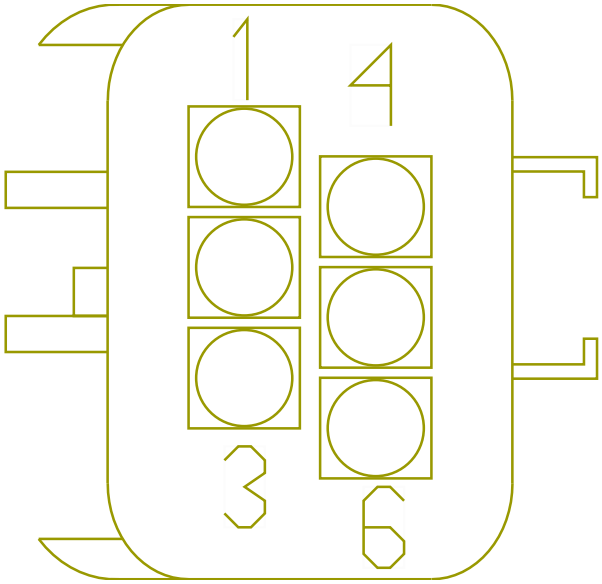
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	87C	-	0.0	18.0	-	GREY	0.0	-	17	M01_1700
2	-	-	9BB	-	0.0	18.0	-	GREY	0.0	-	18	M01_1700

Connector Name	M01_4307
Part Number	2015884C1
Short Description	Forward Chassis Ground 4307
Instances	Forward Chassis Ground Splice Pack 8800:Diagram1



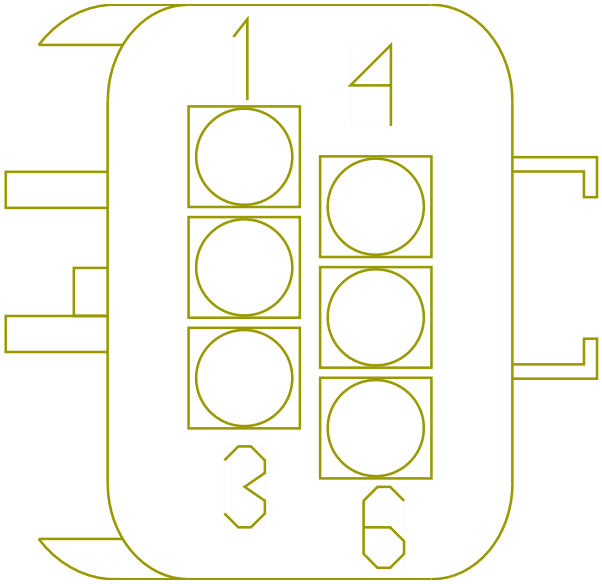
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	11-GC	-	0.0	8.0	-	WHITE	0.0	-	X	-
A	-	-	11-G	-	0.0	12.0	-	WHITE	0.0	-	X	-

Connector Name	M01_8000
Part Number	3612306C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Directional Signals (Turn) (LED CAN) W/O Plow Lights, W/O Fender Lights:Diagram1 Headlights (LED CAN) W/O Plow Lights:Diagram1 Marker Lighting (LED CAN Headlamp) N/Plow Lts, N/Fender Lts, N/Guide Posts:Diagram1
Mates	P9Z_8000F



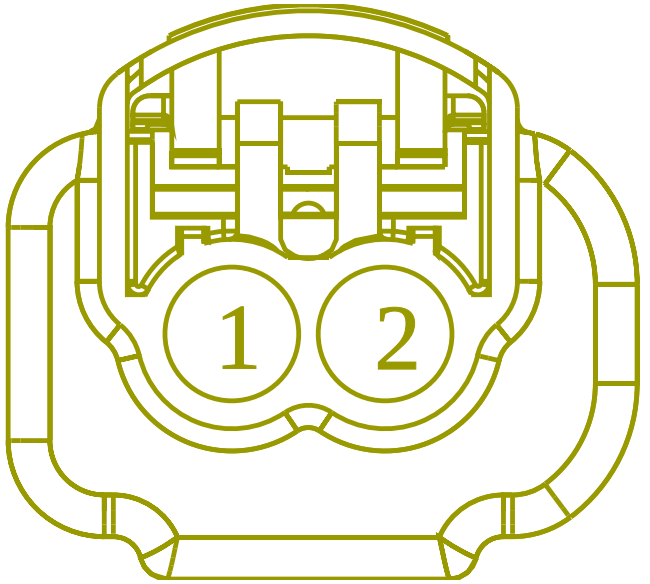
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	14R	-	0.0	14.0	-	RED	0.0	-	2	M01_1700
2	-	-	11-GB	-	0.0	14.0	-	WHITE	0.0	-	X	-
3	-	-	13R	-	0.0	14.0	-	PINK	0.0	-	4	M01_1700
4	-	-	WIRE775501	-	0.0	-	-	-	0.0	-	X	-
5	-	-	WIRE775500	-	0.0	-	-	-	0.0	-	X	-

Connector Name	M01_8001
Part Number	3612306C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Directional Signals (Turn) (LED CAN) W/O Plow Lights, W/O Fender Lights:Diagram1 Headlights (LED CAN) W/O Plow Lights:Diagram1 Marker Lighting (LED CAN Headlamp) N/Plow Lts, N/Fender Lts, N/Guide Posts:Diagram1
Mates	P9Z_8000F



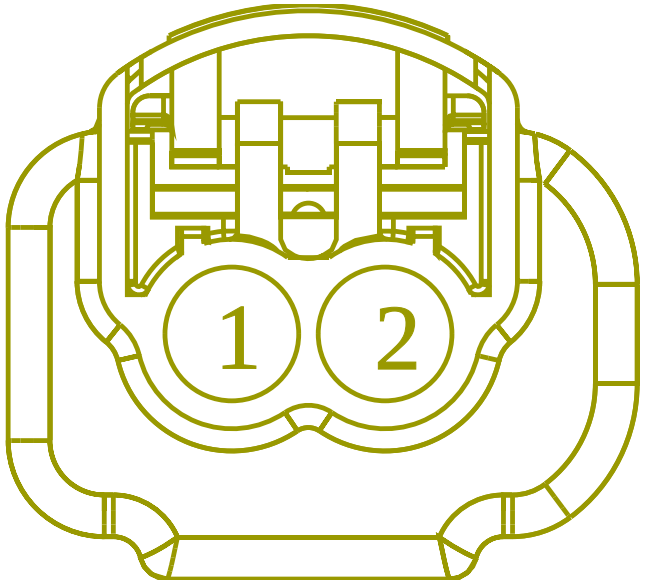
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	14L	-	0.0	14.0	-	RED	0.0	-	1	M01_1700
2	-	-	11-GA	-	0.0	12.0	-	WHITE	0.0	-	X	-
3	-	-	13L	-	0.0	14.0	-	PINK	0.0	-	3	M01_1700
4	-	-	WIRE775503	-	0.0	-	-	-	0.0	-	X	-
5	-	-	WIRE775502	-	0.0	-	-	-	0.0	-	1	-

Connector Name	M01_8200
Part Number	6131286C1
Instances	Front Fog Lamps:Diagram1
Mates	DEV-FOG_RH_FRONT-01



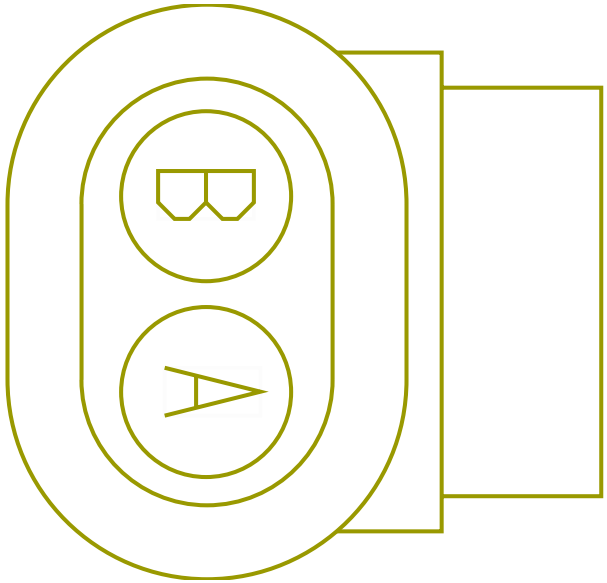
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	64B	-	0.0	16.0	-	YELLOW 2	0.0	-	23	M01_1700
2	-	-	64-GB	-	0.0	16.0	-	WHITE	0.0	-	-	-

Connector Name	M01_8201
Part Number	6131286C1
Instances	Front Fog Lamps:Diagram1
Mates	DEV-FOG_LH_FRONT-01



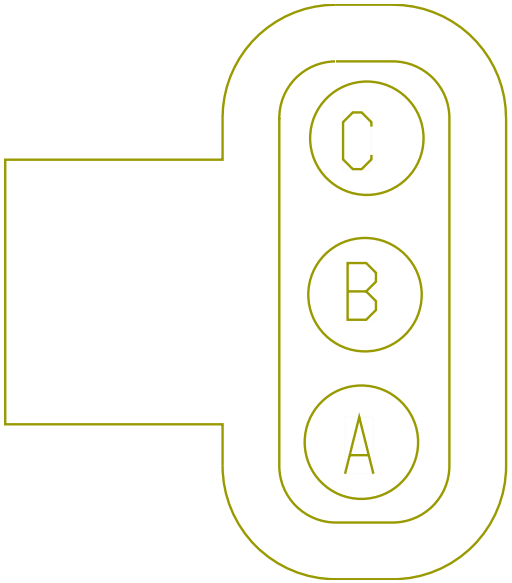
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	64A	-	0.0	16.0	-	YELLOW 2	0.0	-	22	M01_1700
2	-	-	64-GA	-	0.0	16.0	-	WHITE	0.0	-	-	-

Connector Name	M01_8301
Part Number	1661778C1
Instances	City Horn:Diagram1
Mates	DEV-CITY_HORN-01



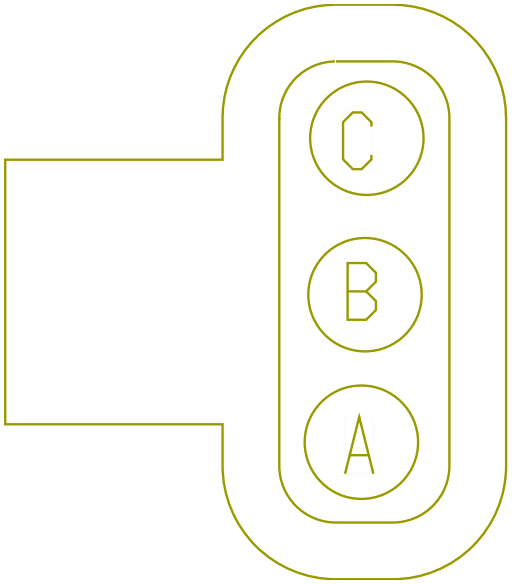
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	85E	-	0.0	16.0	-	GREY	0.0	-	21	M01_1700
B	-	-	85-GA	-	0.0	16.0	-	WHITE	0.0	-	1	-

Connector Name	M01_8500
Part Number	1686834C1
Instances	Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1
Mates	DEV-LH_SA_VALVE-01



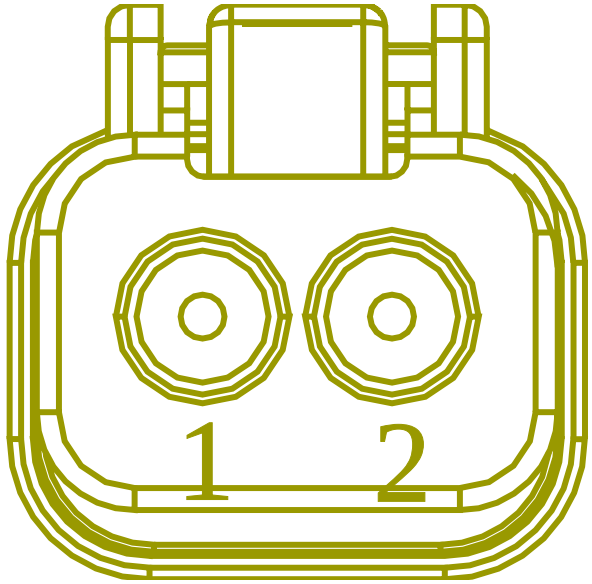
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	94	-	0.0	18.0	-	GREY	0.0	-	27	M01_1700
B	-	-	94A	-	0.0	16.0	-	GREY	0.0	-	-	-
C	-	-	94B	-	0.0	18.0	-	GREY	0.0	-	29	M01_1700

Connector Name	M01_8501
Part Number	1686834C1
Instances	Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1
Mates	DEV-RH_SA_VALVE-01



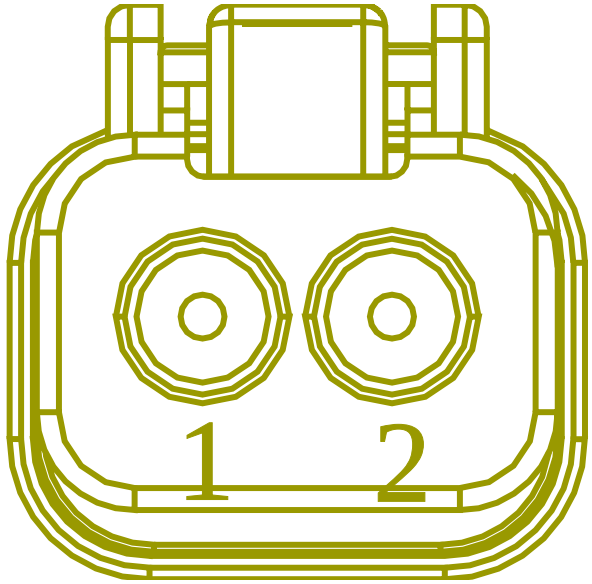
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	94H	-	0.0	16.0	-	GREY	0.0	-	-	-
B	-	-	94J	-	0.0	16.0	-	GREY	0.0	-	-	-
C	-	-	94K	-	0.0	16.0	-	GREY	0.0	-	-	-

Connector Name	M01_8502A
Part Number	3757487C1
Instances	Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1
Mates	DEV-Wheel_Steer_Axle_Left_ SNSR-01



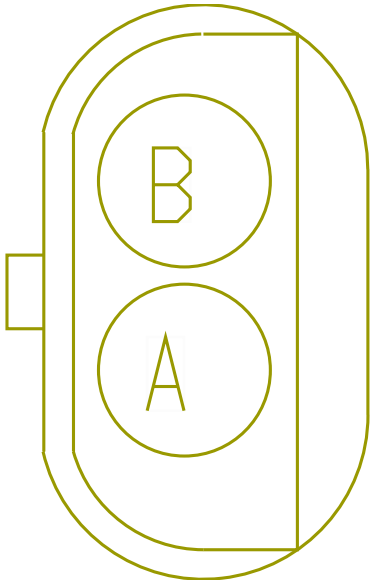
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	94C	-	0.0	16.0	-	GREY	0.0	-	-	-
2	-	-	94D	-	0.0	16.0	-	GREY	0.0	-	-	-

Connector Name	M01_8503A
Part Number	3757487C1
Instances	Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1
Mates	DEV-Wheel_Steer_Axle_Right _SNSR-01



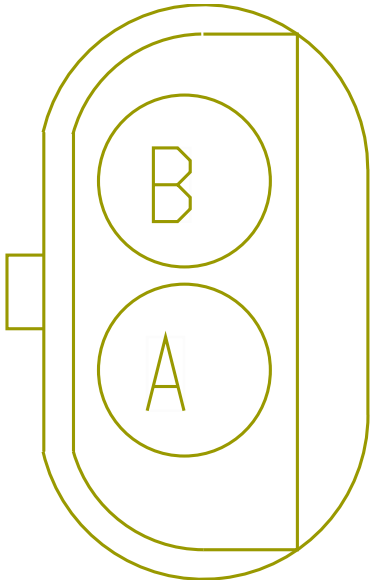
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	94E	-	0.0	16.0	-	GREY	0.0	-	-	-
2	-	-	94F	-	0.0	16.0	-	RED	0.0	-	-	-

Connector Name	M01_8700
Part Number	587567C91
Instances	Mirrors (Heated) (Door Pod Actuated, 2 Cab and 2 Hood Mirrors):Diagram1
Mates	DEV-PS_HOOD_MIRROR-01



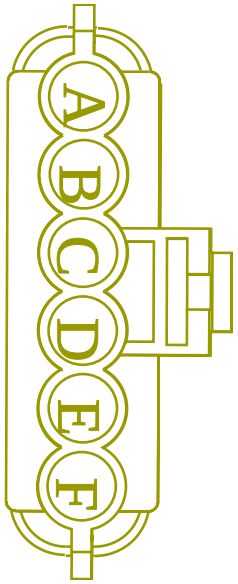
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	78BC	-	0.0	16.0	-	LIGHT GREEN	0.0	-	63	M01_1700
B	-	-	78-GB	-	0.0	16.0	-	WHITE	0.0	-	-	-

Connector Name	M01_8701
Part Number	587567C91
Instances	Mirrors (Heated) (Door Pod Actuated 2 Cab and 1 Hood Mirror Left Side Only):Diagram1 Mirrors (Heated) (Door Pod Actuated, 2 Cab and 2 Hood Mirrors):Diagram1 Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1
Mates	DEV-DS_HOOD_MIRROR-01



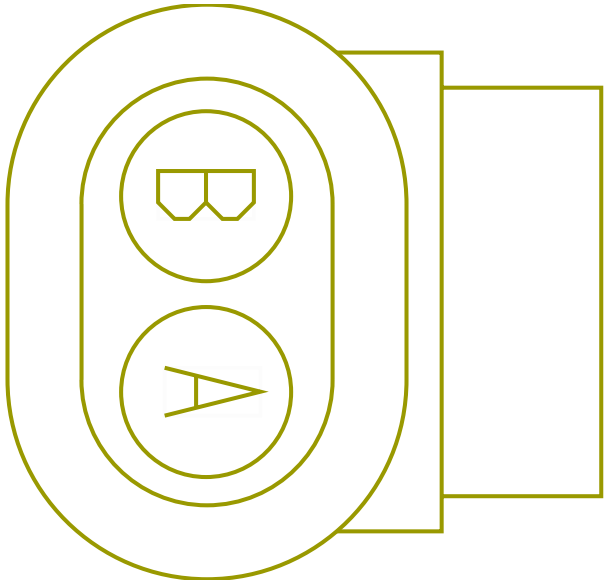
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	78AC	-	0.0	16.0	-	LIGHT GREEN	0.0	-	64	M01_1700
B	-	-	78-GA	-	0.0	16.0	-	WHITE	0.0	-	-	-

Connector Name	M01_8800
Part Number	3551896C1
Instances	Forward Chassis Ground Splice Pack 8800:Diagram1
Mates	SP-0003-00-10-M0A



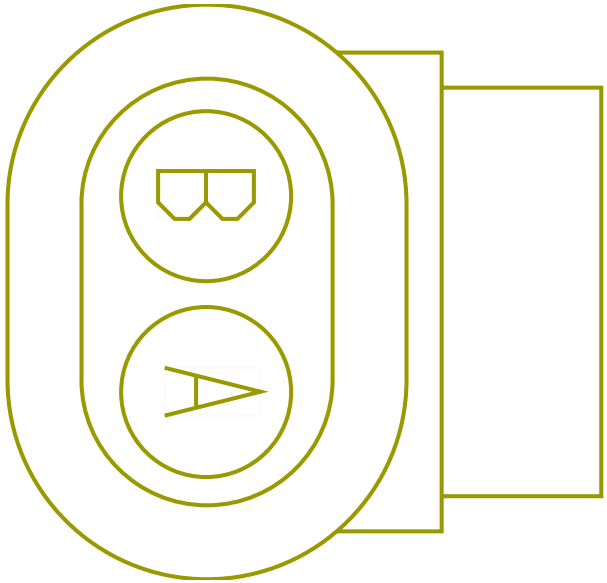
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	11-GD	-	0.0	12.0	-	WHITE	0.0	-	X	-
B	-	-	64-GA	-	0.0	16.0	-	WHITE	0.0	-	-	-
C	-	-	64-GB	-	0.0	16.0	-	WHITE	0.0	-	-	-
D	-	-	39-GB	-	0.0	16.0	-	WHITE	0.0	-	-	-
E	-	-	78-GA	-	0.0	16.0	-	WHITE	0.0	-	-	-
F	-	-	78-GB	-	0.0	16.0	-	WHITE	0.0	-	-	-

Connector Name	M01_8900
Part Number	1661778C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram1 - HVAC
Mates	P04_9003



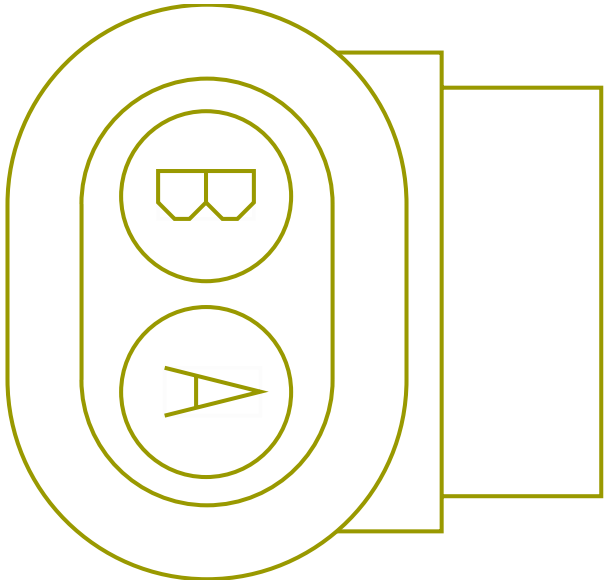
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	77	-	0.0	16.0	-	LIGHT GREEN	0.0	-	5	1700
B	-	-	75-G	-	0.0	16.0	-	WHITE	0.0	-	7	1700

Connector Name	M01_8900
Part Number	1661778C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC
Mates	P27_9003



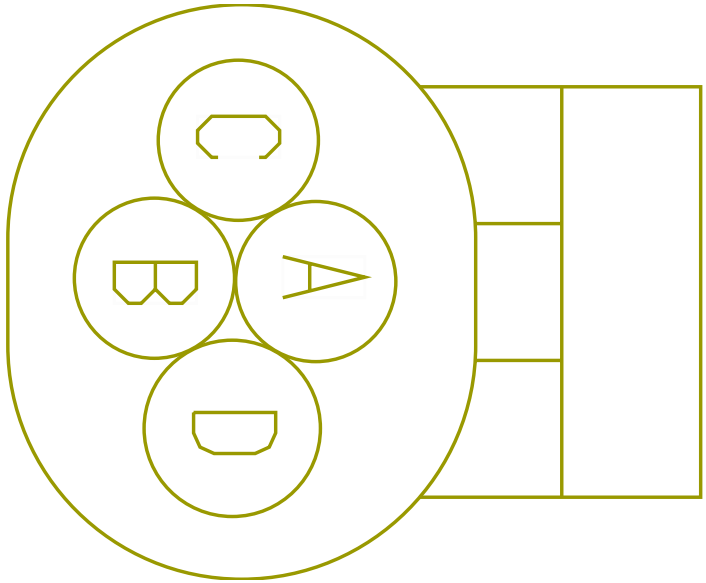
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	77	-	0.0	16.0	-	LIGHT GREEN	0.0	-	5	M01_1700
B	-	-	75-G	-	0.0	16.0	-	WHITE	0.0	-	7	M01_1700

Connector Name	M01_8900
Part Number	1661778C1
Instances	HVAC Actuators:Diagram 1
Mates	P27_9003



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	77	-	0.0	16.0	-	LIGHT GREEN	0.0	-	5	M01_1700
B	-	-	75-G	-	0.0	16.0	-	WHITE	0.0	-	7	M01_1700

Connector Name	M01_9000
Part Number	1661777C1
Instances	Air Governor Control:Diagram1
Mates	DEV-AIR_GOVERNOR-01

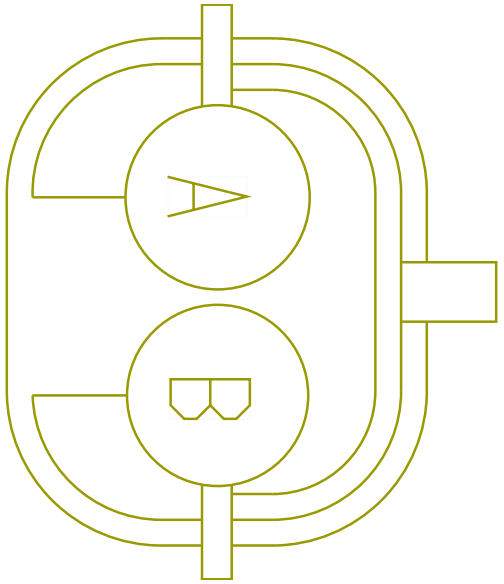


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
C	-	-	39A	-	0.0	18.0	-	GREY	0.0	-	A	M01_9700
D	-	-	97F	-	0.0	18.0	-	GREY	0.0	-	B	M01_9700

Connector Name	M01_9555F
Part Number	1661259C1
Instances	Vehicle Sound Generator:Diagram1
Mates	DEV-SOUND_GEN_FRONT_SPEAKE R-01

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	86CA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	24	M01_1700
B	-	-	86DA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	25	M01_1700

Connector Name	M01_9700
Part Number	3543888C1
Instances	Air Governor Control:Diagram1
Mates	K03_7004



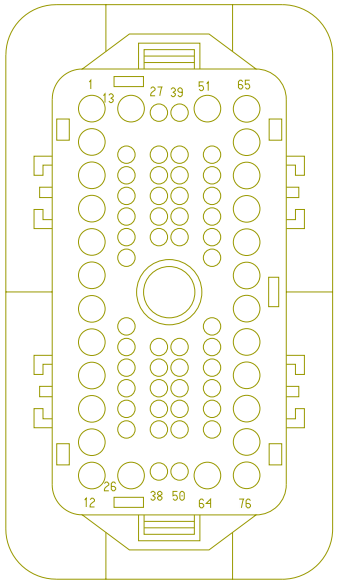
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	39A	-	0.0	18.0	-	GREY	0.0	-	C	M01_9000
B	-	-	97F	-	0.0	18.0	-	GREY	0.0	-	D	M01_9000

Connector Name N03_1701F

Part Number 3595622C1

Instances Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1
Backup Alarm (From Relay to 5 Pin Daisy Chain. Backup Alarm Plugs in):Diagram1
Backup Light (W/VCU) Dual Daisy Reverse Light:Diagram1
Body Builder Aux Power (IGN Power, EOF, Blunt Cut):Diagram1
Body Builder Lighting - (8HAA) (Blunt Cut):Diagram1
License Plate Light (LED BOX LAMP Daisy Chain Tail Light):Diagram1
Rear Lights (Stop) (W/VCU) W/Daisy Chain:Diagram1
Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1
Vehicle Sound Generator:Diagram1

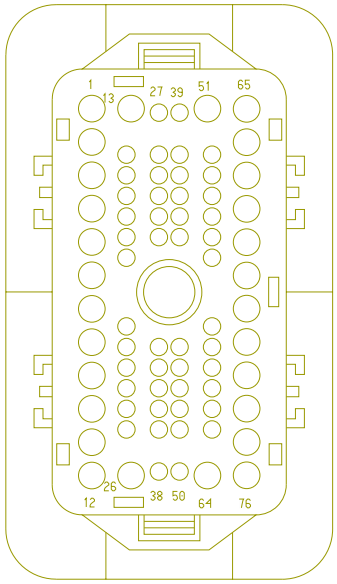
Mates A67_1701



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	71A	2643690 R1	1.91	14.0	Std. Wall XLPE Primary Cable	ORANGE	550.0	-	1	N03_9800
1	-	-	71A	-	0.0	14.0	-	ORANGE	0.0	-	1	N03_9800
2	-	-	56	2643690 R1	1.91	14.0	Std. Wall XLPE Primary Cable	ORANGE	740.0	-	2	N03_9800
3	-	-	57	2643690 R1	1.91	14.0	Std. Wall XLPE Primary Cable	ORANGE	1390.0	-	-	-
4	-	-	68	-	0.0	14.0	-	BROWN	0.0	-	4	N03_9800
5	-	-	56T	-	0.0	10.0	-	YELLOW 2	0.0	-	B	N03_9716
6	-	-	57T	-	0.0	10.0	-	LIGHT GREEN	0.0	-	C	N03_9716

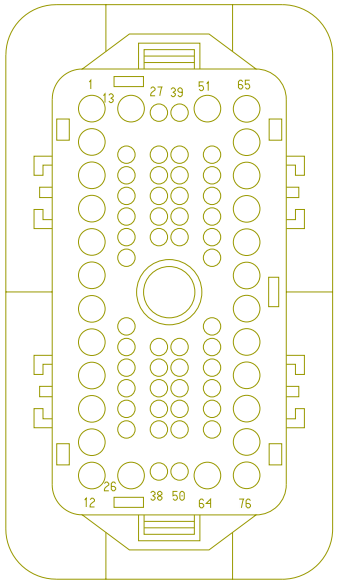
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
7	-	-	54T	-	0.0	10.0	-	BROWN	0.0	-	A	N03_9716
8	-	-	68T	-	0.0	10.0	-	BROWN	0.0	-	B	N03_9715
9	-	-	70T	-	0.0	10.0	-	RED	0.0	-	A	N03_9715
10	-	-	94T	-	0.0	10.0	-	GREY	0.0	-	C	N03_9715
16	-	-	94A	-	0.0	16.0	-	GREY	0.0	-	13	N03_9800
17	-	-	94B	-	0.0	16.0	-	ORANGE	0.0	-	-	-
18	-	-	94C	-	0.0	16.0	-	GREY	0.0	-	15	N03_9800
19	-	-	94D	-	0.0	16.0	-	GREY	0.0	-	16	N03_9800
20	-	-	94L	-	0.0	16.0	-	LIGHT BLUE	0.0	-	-	-
21	-	-	94J	-	0.0	16.0	-	GREY	0.0	-	20	N03_9800
22	-	-	94K	-	0.0	16.0	-	GREY	0.0	-	21	N03_9800
23	-	-	94E	-	0.0	16.0	-	GREY	0.0	-	17	N03_9800
24	-	-	94F	-	0.0	16.0	-	RED	0.0	-	-	-
25	-	-	94H	-	0.0	16.0	-	GREY	0.0	-	19	N03_9800
30	-	-	86CB	-	0.0	18.0	-	LIGHT GREEN	0.0	-	5	N03_9800
31	-	-	86DB	-	0.0	18.0	-	LIGHT GREEN	0.0	-	6	N03_9800
49	-	-	94SJ	-	0.0	16.0	-	GREY	0.0	-	1	N03_9512A
54	-	-	94SAB	-	0.0	18.0	-	GREY	0.0	-	1	N03_9514F
55	-	-	94SCB	-	0.0	18.0	-	GREY	0.0	-	2	N03_9514F
56	-	-	94SBB	-	0.0	18.0	-	YELLOW 2	0.0	-	3	N03_9514F
57	-	-	94SDB	-	0.0	18.0	-	GREEN	0.0	-	4	N03_9514F
69	-	-	94SK	-	0.0	16.0	-	GREY	0.0	-	2	N03_9512A

Connector Name	N03_1701F
Part Number	3595622C1
Instances	Power Lift Gate:Diagram1
Mates	A67_1701



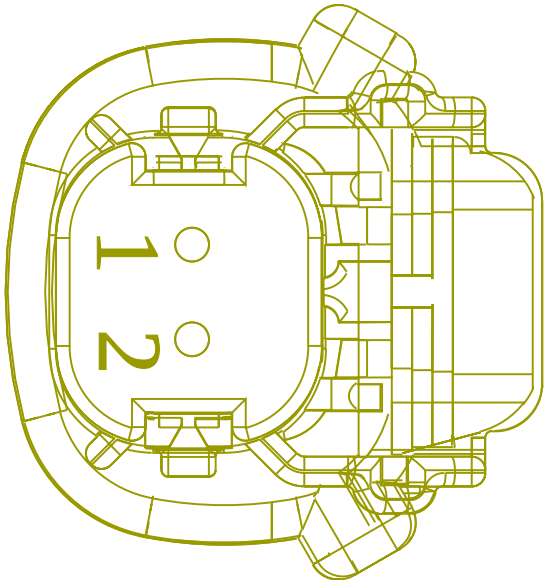
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
66	-	-	112	-	0.0	16.0	-	GREY	0.0	-	1	N03_7803

Connector Name	N03_1701F
Part Number	3595622C1
Instances	End of Frame Aux Work Light (One Light N/Relay):Diagram1
Mates	A67_1701



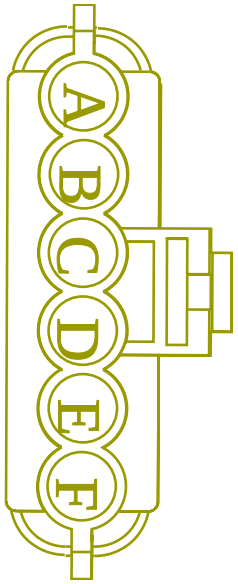
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
68	-	-	65	-	0.0	16.0	-	ORANGE	0.0	-	7	9800

Connector Name	N03_7803
Part Number	3950690C1
Instances	Power Lift Gate:Diagram1
Mates	RLY-Power_Lift_Gate_Relay- 2038-02-01B



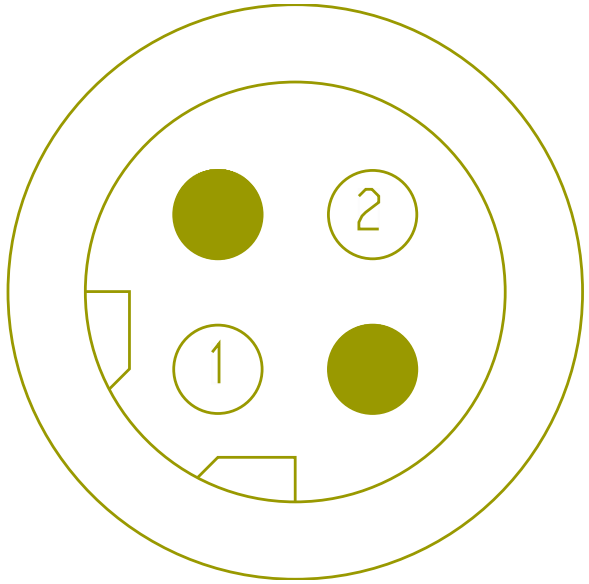
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	112	-	0.0	16.0	-	GREY	0.0	-	66	N03_1701F
2	-	-	112-GD	-	0.0	16.0	-	WHITE	0.0	-	-	-

Connector Name	N03_8809
Part Number	3551896C1
Instances	Center Chassis Ground Splice Pack 8809:Diagram1
Mates	SP-0003-00-10-N0A-8809



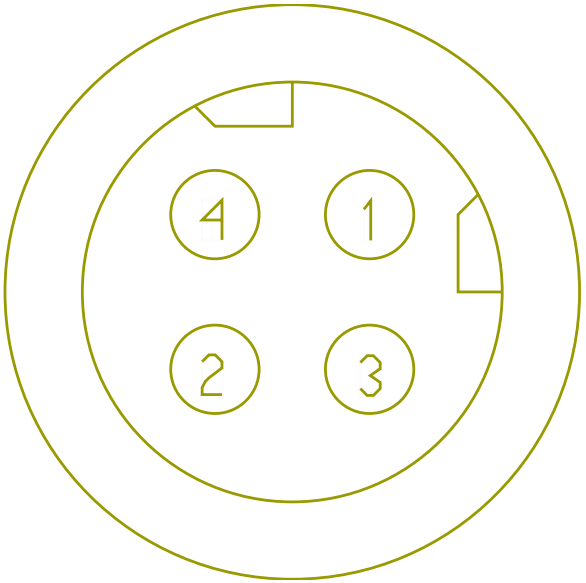
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	11-GA	-	0.0	12.0	-	WHITE	0.0	-	A	N03_9717B
B	-	-	10-G	-	0.0	12.0	-	WHITE	0.0	-	-	-
D	-	-	59A-G	-	0.0	14.0	-	WHITE	0.0	-	-	-
E	-	-	112-GD	-	0.0	16.0	-	WHITE	0.0	-	-	-
F	-	-	65-G	-	0.0	16.0	-	WHITE	0.0	-	-	-

Connector Name	N03_9512A
Part Number	3678796C1
Instances	Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1
Mates	DEV-TCV_SOLENOID-01



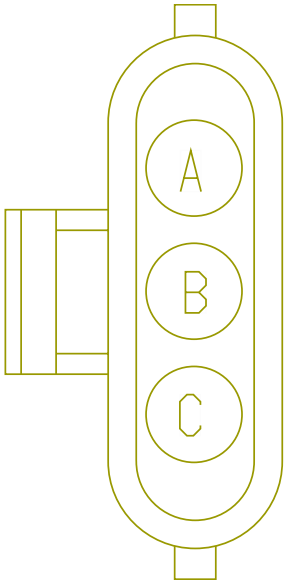
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	94SJ	-	0.0	16.0	-	GREY	0.0	-	49	N03_1701F
2	-	-	94SK	-	0.0	16.0	-	GREY	0.0	-	69	N03_1701F

Connector Name	N03_9514F
Part Number	3601685C1
Instances	Stability Control (Bendix, Straight Truck, J1939 Driven Lamp):Diagram1
Mates	DEV-YAW_RATE_SNSR-01



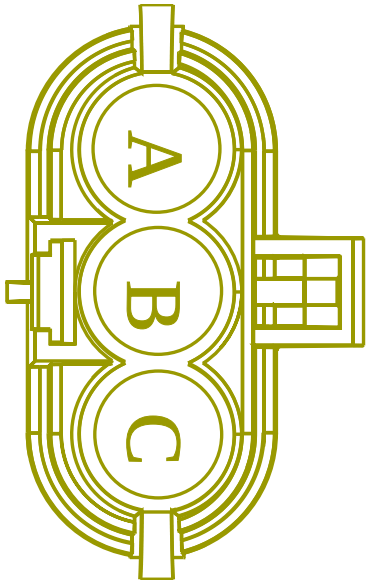
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	94SAB	-	0.0	18.0	-	GREY	0.0	-	54	N03_1701F
2	-	-	94SCB	-	0.0	18.0	-	GREY	0.0	-	55	N03_1701F
3	-	-	94SBB	-	0.0	18.0	-	YELLOW 2	0.0	-	56	N03_1701F
4	-	-	94SDB	-	0.0	18.0	-	GREEN	0.0	-	57	N03_1701F

Connector Name	N03_9715
Part Number	1667733C1
Instances	Body Builder Aux Power (IGN Power, EOF, Blunt Cut):Diagram1 Body Builder Lighting - (8HAA) (Blunt Cut):Diagram1
Mates	R01_9715F1



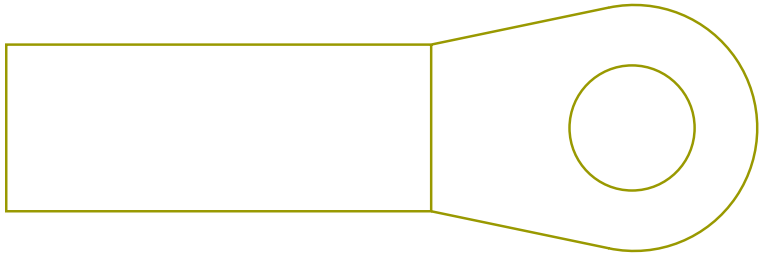
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	70T	-	0.0	10.0	-	RED	0.0	-	9	N03_1701F
B	-	-	68T	-	0.0	10.0	-	BROWN	0.0	-	8	N03_1701F
C	-	-	94T	-	0.0	10.0	-	GREY	0.0	-	10	N03_1701F

Connector Name	N03_9716
Part Number	1667732C1
Instances	Body Builder Lighting - (8HAA) (Blunt Cut):Diagram1
Mates	R01_9716M1



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	54T	-	0.0	10.0	-	BROWN	0.0	-	7	N03_1701F
B	-	-	56T	-	0.0	10.0	-	YELLOW 2	0.0	-	5	N03_1701F
C	-	-	57T	-	0.0	10.0	-	LIGHT GREEN	0.0	-	6	N03_1701F

Connector Name	N03_9717A
Part Number	3710088C1
Short Description	Ground Stud 9717A
Instances	Center Chassis Ground Splice Pack 8809:Diagram1

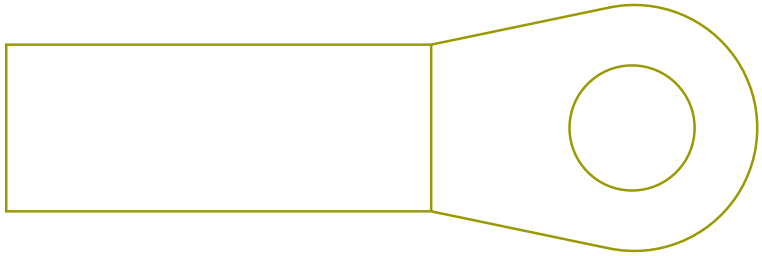


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	10D	-	0.0	8.0	-	WHITE	0.0	-	-	-

Connector Name N03_9717B

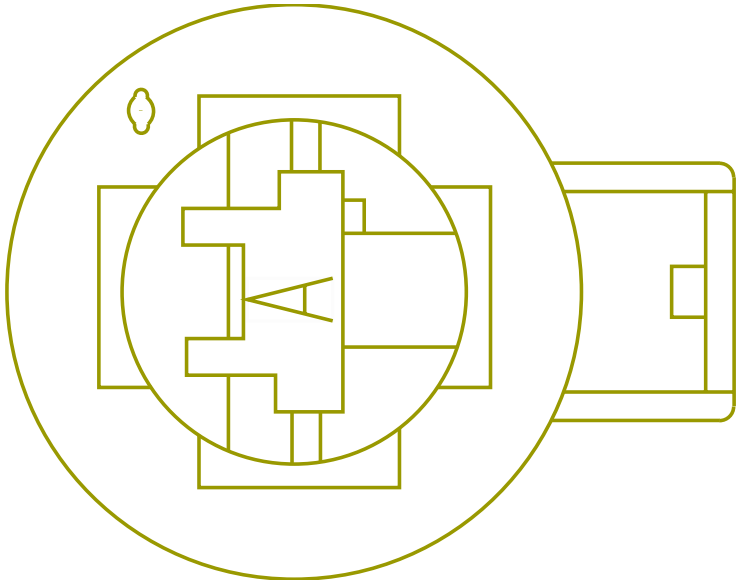
Part Number 3721577C1

Instances Center Chassis Ground Splice Pack 8809:Diagram1
License Plate Light (LED BOX LAMP Daisy Chain Tail Light):Diagram1



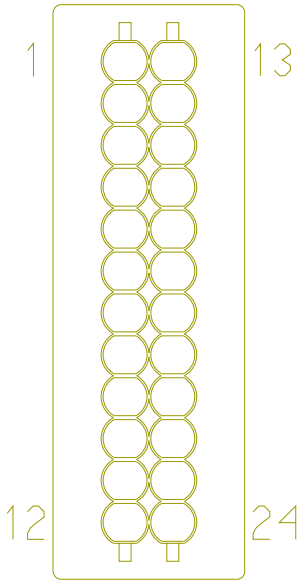
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	11-GA	-	0.0	12.0	-	WHITE	0.0	-	-	-
A	-	-	11-GA	-	0.0	12.0	-	WHITE	0.0	-	A	N03_8809

Connector Name	N03_9717
Part Number	3700151C1
Instances	Body Builder Lighting - (8HAA) (Blunt Cut):Diagram1
Mates	R01_9717F1



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	10D	-	0.0	8.0	-	WHITE	0.0	-	-	-

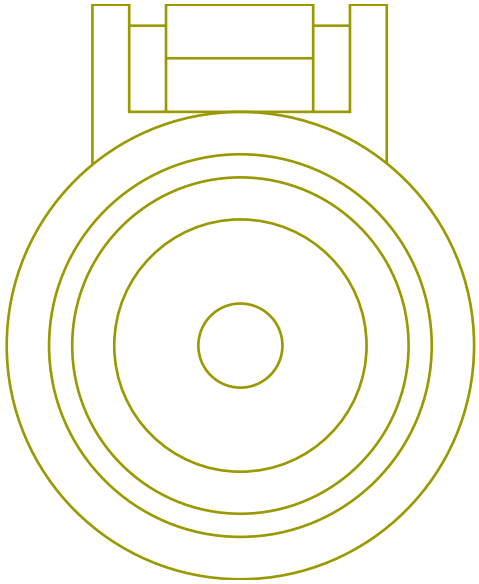
Connector Name	N03_9800
Part Number	3558026C1
Instances	Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1 Backup Alarm (From Relay to 5 Pin Daisy Chain. Backup Alarm Plugs in):Diagram1 Backup Light (W/VCU) Dual Daisy Reverse Light:Diagram1 License Plate Light (LED BOX LAMP Daisy Chain Tail Light):Diagram1 Rear Lights (Stop) (W/VCU) W/Daisy Chain:Diagram1 Vehicle Sound Generator:Diagram1
Mates	R01_9800



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	71A	2643690 R1	1.91	14.0	Std. Wall XLPE Primary Cable	ORANGE	550.0	-	1	N03_1701F
1	-	-	71A	-	0.0	14.0	-	ORANGE	0.0	-	1	N03_1701F
2	-	-	56	2643690 R1	1.91	14.0	Std. Wall XLPE Primary Cable	ORANGE	740.0	-	2	N03_1701F
3	-	-	57	2643690 R1	1.91	14.0	Std. Wall XLPE Primary Cable	ORANGE	1390.0	-	-	-
4	-	-	68	-	0.0	14.0	-	BROWN	0.0	-	4	N03_1701F
5	-	-	86CB	-	0.0	18.0	-	LIGHT GREEN	0.0	-	30	N03_1701F

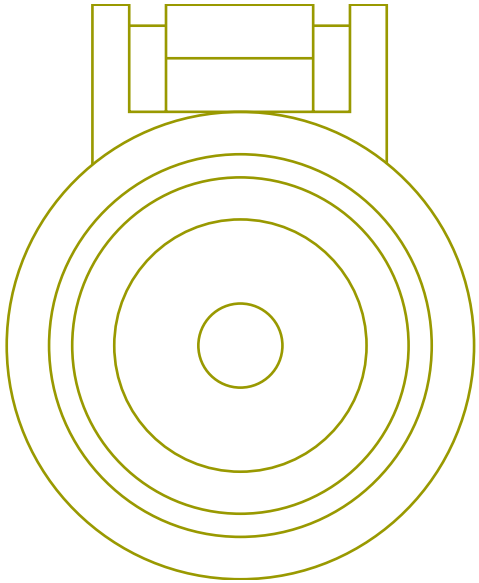
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
6	-	-	86DB	-	0.0	18.0	-	LIGHT GREEN	0.0	-	31	N03_1701F
12	-	-	10-G	-	0.0	12.0	-	WHITE	0.0	-	E	R01_9303A
12	-	-	10-G	-	0.0	12.0	-	WHITE	0.0	-	-	-
13	-	-	94A	-	0.0	16.0	-	GREY	0.0	-	16	N03_1701F
14	-	-	94B	-	0.0	16.0	-	ORANGE	0.0	-	-	-
15	-	-	94C	-	0.0	16.0	-	GREY	0.0	-	18	N03_1701F
16	-	-	94D	-	0.0	16.0	-	GREY	0.0	-	19	N03_1701F
17	-	-	94E	-	0.0	16.0	-	GREY	0.0	-	23	N03_1701F
18	-	-	94F	-	0.0	16.0	-	RED	0.0	-	-	-
19	-	-	94H	-	0.0	16.0	-	GREY	0.0	-	25	N03_1701F
20	-	-	94J	-	0.0	16.0	-	GREY	0.0	-	21	N03_1701F
21	-	-	94K	-	0.0	16.0	-	GREY	0.0	-	22	N03_1701F
22	-	-	94L	-	0.0	16.0	-	LIGHT BLUE	0.0	-	-	-

Connector Name	N11_4411M1
Part Number	3517760C1
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1 Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	DEV-RPM-01



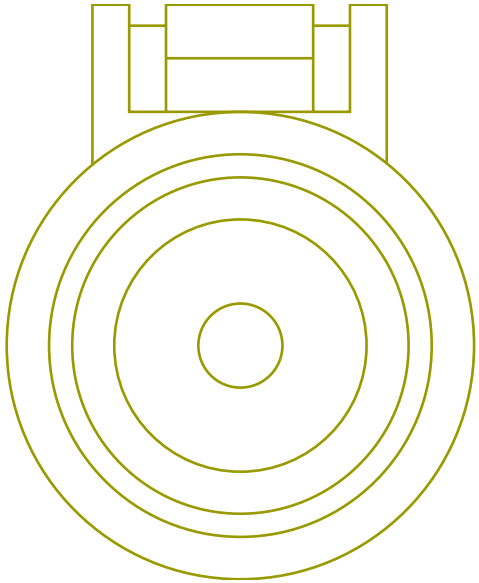
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	PB14CY	-	0.0	4.0	-	RED	0.0	-	A	N11_4413F1

Connector Name	N11_4411M2
Part Number	3517760C1
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1 Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	DEV-RPM-02



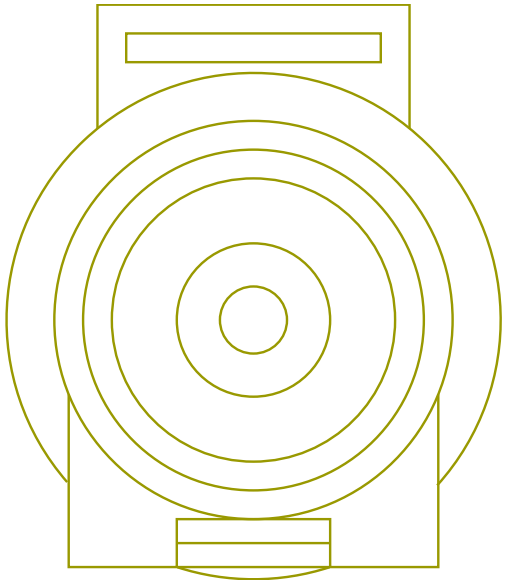
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	PC14H	-	0.0	4.0	-	RED	0.0	-	A	N11_4413F2

Connector Name	N11_4411M3
Part Number	3517760C1
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1 Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	DEV-RPM-03



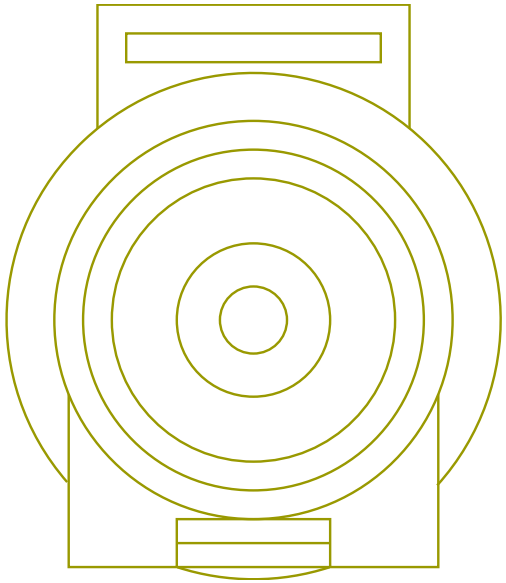
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	PE14E	-	0.0	4.0	-	RED	0.0	-	A	N11_4413F3

Connector Name	N11_4413F1
Part Number	3517759C1
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1 Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	P8T_4412M



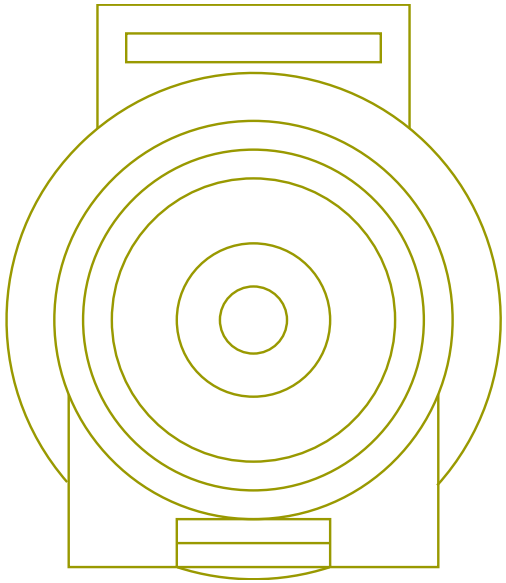
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	PB14CY	-	0.0	4.0	-	RED	0.0	-	A	N11_4411M1

Connector Name	N11_4413F2
Part Number	3517759C1
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1 Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	P8U_4412M



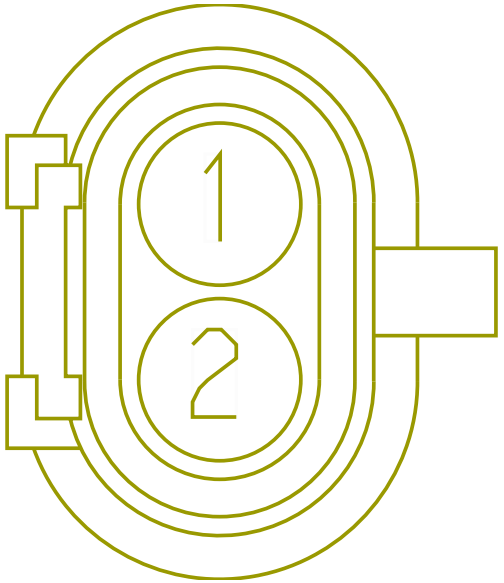
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	PC14H	-	0.0	4.0	-	RED	0.0	-	A	N11_4411M2

Connector Name	N11_4413F3
Part Number	3517759C1
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1 Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	P8U_4320M



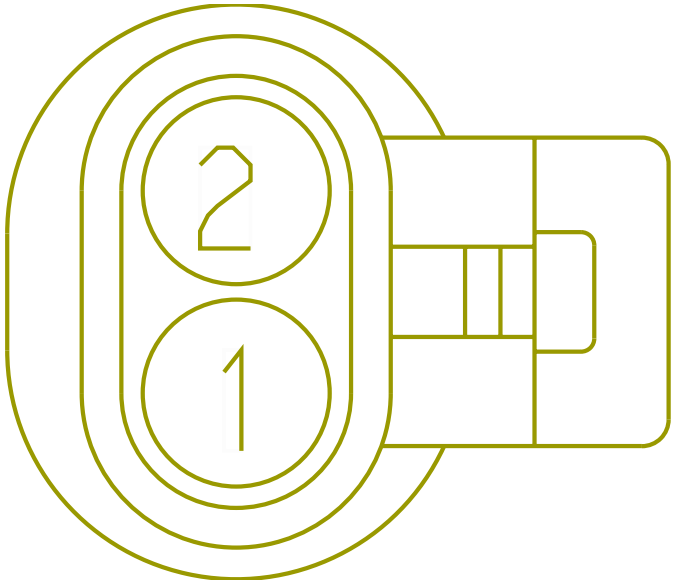
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	PE14E	-	0.0	4.0	-	RED	0.0	-	A	N11_4411M3

Connector Name	P01_9000
Part Number	2206587C1
Instances	Compressed Air Supply (Primary & Secondary Gauge)(W/2 in 1 Inverter):Diagram1
Mates	DEV-QX_INVERTER-01



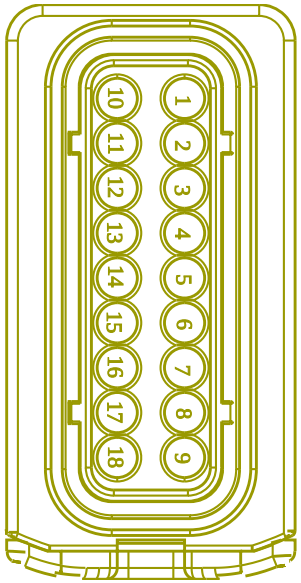
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	M77	-	0.0	18.0	-	RED	0.0	-	1	P01_9001
2	-	-	M77-G	-	0.0	18.0	-	RED	0.0	-	2	P01_9001

Connector Name	P01_9001
Part Number	2206588C1
Instances	Compressed Air Supply (Primary & Secondary Gauge)(W/2 in 1 Inverter):Diagram1
Mates	DEV-AIR_COMPRESSOR-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	M77	-	0.0	18.0	-	RED	0.0	-	1	P01_9000
2	-	-	M77-G	-	0.0	18.0	-	RED	0.0	-	2	P01_9000

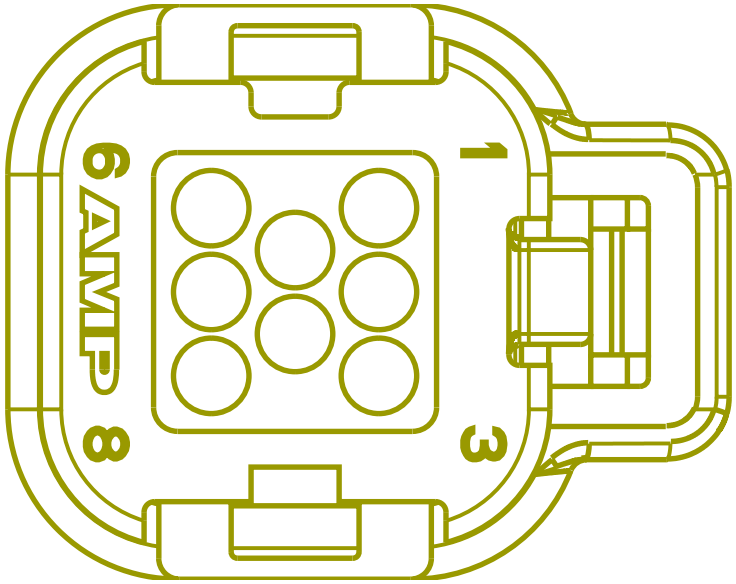
Connector Name	P02_6081
Part Number	6132204C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram1 Battery Management System (Post 05-2022) Option 2:Diagram1 Battery Management System (Pre 05-2022):Diagram1 HV Power J1939 (500Kbps):HV Power J1939 (500Kbps)
Mates	DEV-SWITCH_BOX-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	N14D	-	0.0	18.0	-	RED	0.0	-	PIN1	-
2	-	-	N14E	-	0.0	18.0	-	RED	0.0	-	PIN1	-
4	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	WIRE775729	-	0.0	-	-	-	0.0	-	PIN1	-
5	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	WIRE775721	-	0.0	-	-	-	0.0	-	PIN1	-
7	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	WIRE775844	-	0.0	-	-	-	0.0	-	E	P02_6090
8	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	WIRE775847	-	0.0	-	-	-	0.0	-	F	P02_6090
10	-	-	N11D	-	0.0	18.0	-	BLACK	0.0	-	PIN1	-
11	-	-	N11E	-	0.0	18.0	-	BLACK	0.0	-	PIN1	-

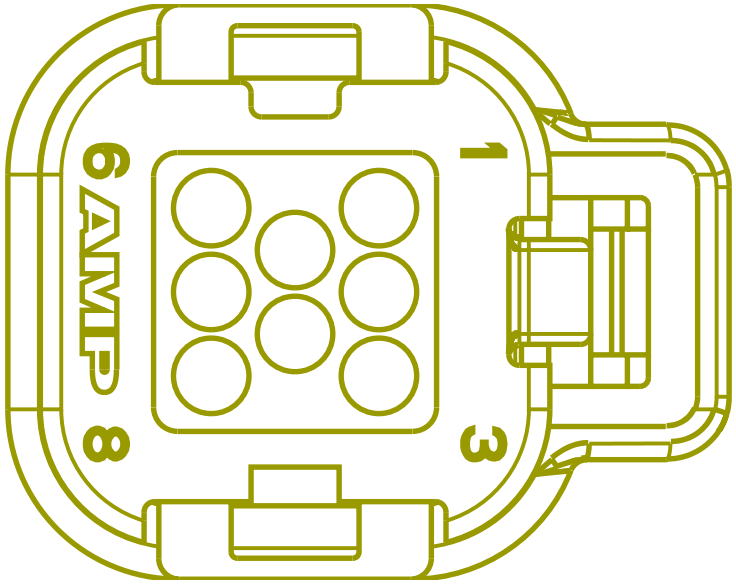
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
13	-	-	N97H	-	0.0	18.0	-	PINK	0.0	-	PIN1	-

Connector Name	P02_6084
Part Number	4243345C1
Instances	Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1 HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC
Mates	DEV-DC/DC_CONVERTER_2-01



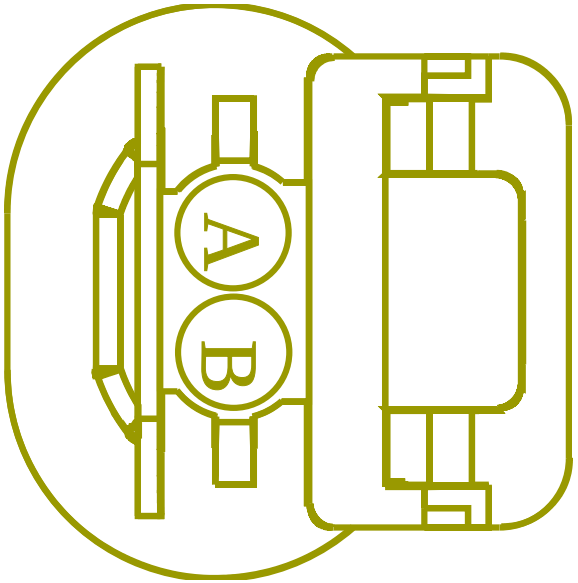
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	N13C	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
2	-	-	N11B	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
3	-	-	N11C	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
5	-	-	WIRE775654	-	0.0	-	-	-	0.0	-	PIN1	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	WIRE775655	-	0.0	-	-	-	0.0	-	PIN1	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	N27A	-	0.0	18.0	-	TAN	0.0	-	PIN1	-
8	-	-	N27A-G	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P02_6085
Part Number	4243345C1
Instances	Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1 HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC
Mates	DEV-DC/DC_CONVERTER_1-01



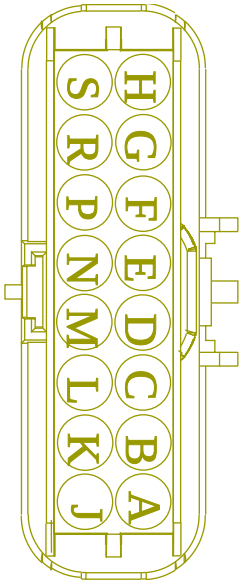
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	N13D	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
5	-	-	WIRE775660	-	0.0	-	-	-	0.0	-	PIN1	-
5	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	WIRE775658	-	0.0	-	-	-	0.0	-	PIN1	-
6	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	N27B	-	0.0	18.0	-	TAN	0.0	-	PIN1	-
8	-	-	N278-G	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P02_6086
Part Number	4173578C1
Instances	HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC
Mates	Terminating Resistor



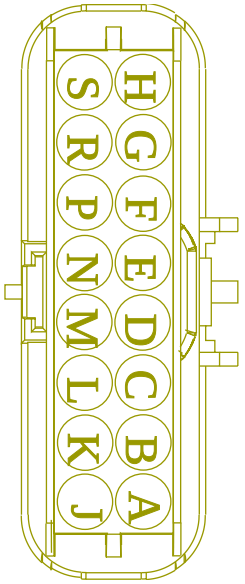
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE775664	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE775663	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	P02_6090
Part Number	3580540C1
Instances	HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC HV Power J1939 (500Kbps):HV Power J1939 (500Kbps)
Mates	K03_6090



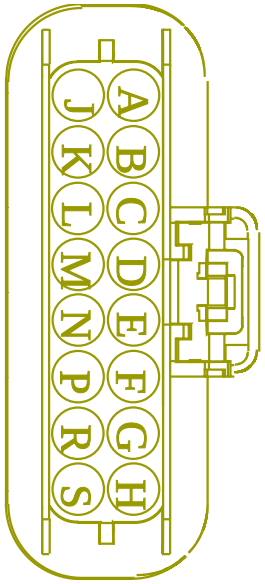
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE775653	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE775656	-	0.0	-	-	-	0.0	-	PIN1	-
E	-	-	WIRE775844	-	0.0	-	-	-	0.0	-	7	P02_6081
F	-	-	WIRE775847	-	0.0	-	-	-	0.0	-	8	P02_6081
R	-	-	WIRE775728	-	0.0	-	-	-	0.0	-	PIN1	-
S	-	-	WIRE775722	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	P02_6090
Part Number	3580540C1
Instances	Battery Management System (Post 05-2022) Option 2:Diagram1 Battery Management System (Post 05-2022) Option 2:Diagram2 Battery Management System (Pre 05-2022):Diagram1 Battery Management System (Pre 05-2022):Diagram2 Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1 High-Voltage Distribution Module (HVDM):Diagram1 High-Voltage Interlock:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1 Vehicle Control Unit (VCU):Diagram1
Mates	K03_6090



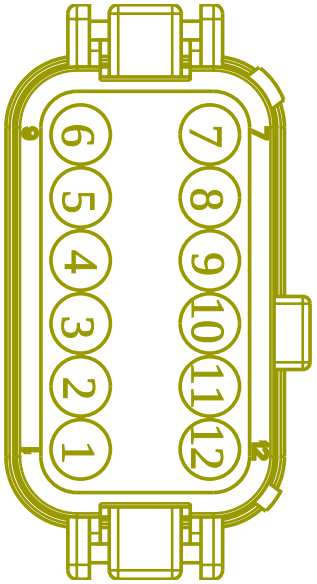
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
C	-	-	N6A	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
D	-	-	N32A	-	0.0	18.0	-	TAN	0.0	-	-	-
G	-	-	N97A	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
H	-	-	N13A	-	0.0	18.0	-	PINK	0.0	-	7	P02_6092
J	-	-	N97B	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
K	-	-	N97C	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
L	-	-	N13B	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
M	-	-	N97D	-	0.0	18.0	-	VIOLET	0.0	-	6	P02_6092
N	-	-	N19A	-	0.0	18.0	-	GREY	0.0	-	3	P02_6092
P	-	-	N19B	-	0.0	18.0	-	GREY	0.0	-	K	P02_6094
P	-	-	N19B	-	0.0	18.0	-	GREY	0.0	-	-	-

Connector Name	P02_6091
Part Number	3580539C1
Instances	Battery Management System (Post 05-2022) Option 2:Diagram1 Battery Management System (Post 05-2022) Option 2:Diagram2 Battery Management System (Pre 05-2022):Diagram1 Battery Management System (Pre 05-2022):Diagram2 Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1 High-Voltage Interlock:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1 Powertrain Ground Distribution:Diagram1
Mates	K03_6091



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
B	-	-	N97E	-	0.0	18.0	-	VIOLET	0.0	-	5	P02_6092
E	-	-	N14A	-	0.0	14.0	-	RED	0.0	-	PIN1	-
F	-	-	N14B	-	0.0	16.0	-	RED	0.0	-	PIN1	-
G	-	-	N14C	-	0.0	16.0	-	RED	0.0	-	1	P02_6092
H	-	-	N97G	-	0.0	18.0	-	VIOLET	0.0	-	4	P02_6092
R	-	-	N11M	-	0.0	14.0	-	WHITE	0.0	-	PIN1	-
S	-	-	N11A	-	0.0	14.0	-	WHITE	0.0	-	PIN1	-

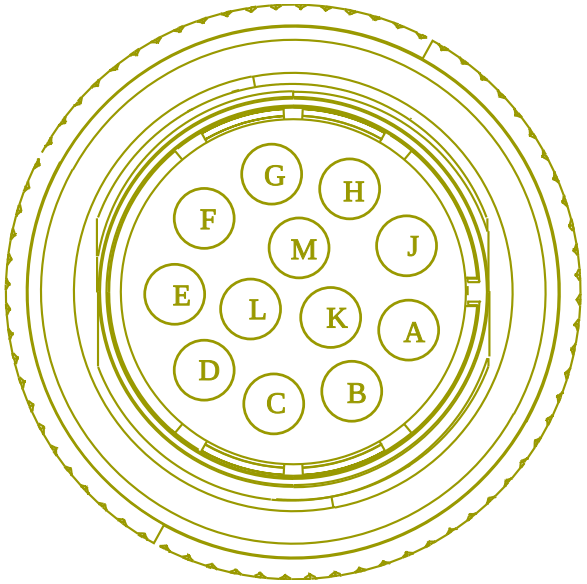
Connector Name	P02_6092
Part Number	3601923C1
Instances	Battery Management System (Post 05-2022) Option 2:Diagram2 Battery Management System (Pre 05-2022):Diagram2 High-Voltage Distribution Module (HVDM):Diagram1 High-Voltage Interlock:Diagram1 HV Power J1939 (500Kbps):HV Power J1939 (500Kbps)
Mates	DEV-HVDM-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	N14C	-	0.0	16.0	-	RED	0.0	-	-	-
1	-	-	N14C	-	0.0	16.0	-	RED	0.0	-	G	P02_6091
2	-	-	N11F	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
2	-	-	N11F	-	0.0	18.0	-	WHITE	0.0	-	-	-
3	-	-	N19A	-	0.0	18.0	-	GREY	0.0	-	-	-
3	-	-	N19A	-	0.0	18.0	-	GREY	0.0	-	N	P02_6090
4	-	-	N97G	-	0.0	18.0	-	VIOLET	0.0	-	H	P02_6091
4	-	-	N97G	-	0.0	18.0	-	VIOLET	0.0	-	-	-
5	-	-	N97E	-	0.0	18.0	-	VIOLET	0.0	-	B	P02_6091
5	-	-	N97E	-	0.0	18.0	-	VIOLET	0.0	-	-	-
6	-	-	N97D	-	0.0	18.0	-	VIOLET	0.0	-	M	P02_6090
6	-	-	N97D	-	0.0	18.0	-	VIOLET	0.0	-	-	-
7	-	-	N13A	-	0.0	18.0	-	PINK	0.0	-	H	P02_6090
8	-	-	N97M	-	0.0	18.0	-	VIOLET	0.0	-	-	-
8	-	-	N97M	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
10	-	-	-	-	-	-	-	-	-	-	-	-
10	-	-	WIRE775731	-	0.0	-	-	-	0.0	-	PIN1	-
11	-	-	-	-	-	-	-	-	-	-	-	-
11	-	-	WIRE775724	-	0.0	-	-	-	0.0	-	PIN1	-
12	-	-	N6C	-	0.0	18.0	-	GREY	0.0	-	-	-
12	-	-	N6C	-	0.0	18.0	-	GREY	0.0	-	PIN1	-

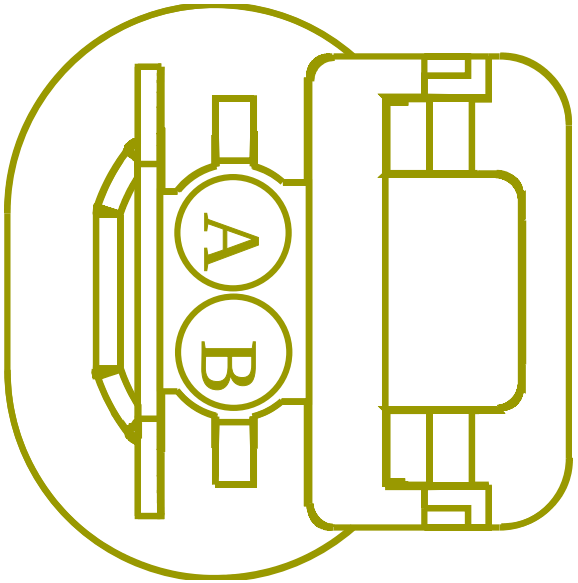
Connector Name	P02_6094
Part Number	4283563C1
Instances	High-Voltage Interlock:Diagram1 HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC:HV Controls J1939 (500Kbps) with Power Solutions DC/DC 0008WUC Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1
Mates	DEV-TPIM-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
C	-	-	WIRE775665	-	0.0	-	-	-	0.0	-	PIN1	-
C	-	-	-	-	-	-	-	-	-	-	-	-
D	-	-	WIRE775666	-	0.0	-	-	-	0.0	-	PIN1	-
D	-	-	-	-	-	-	-	-	-	-	-	-
E	-	-	N14F	-	0.0	18.0	-	RED	0.0	-	PIN1	-
F	-	-	N14G	-	0.0	18.0	-	RED	0.0	-	PIN1	-
G	-	-	N97J	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
J	-	-	N6D	2643673 R1	0.79	18.0	Std. Wall XLPE Primary Cable	GREY	0.0	-	PIN1	-
K	-	-	N19B	-	0.0	18.0	-	GREY	0.0	-	-	-
K	-	-	N19B	-	0.0	18.0	-	GREY	0.0	-	P	P02_6090
L	-	-	N11G	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

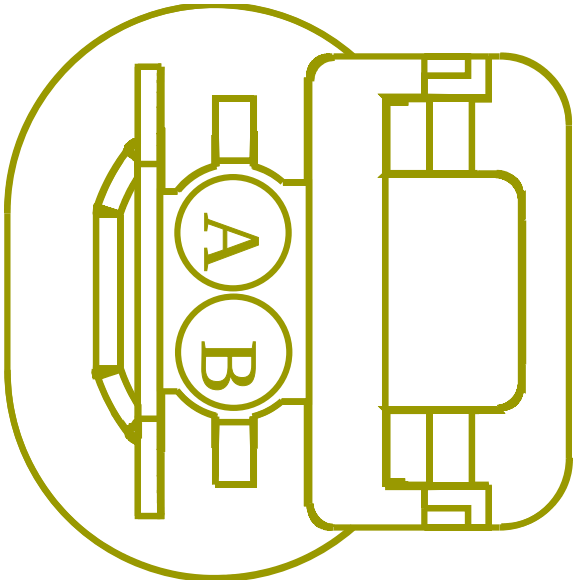
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
M	-	-	N11H	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P02_6097A
Part Number	4173578C1
Instances	Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1
Mates	DEV-TPIM_RESISTOR_A-01



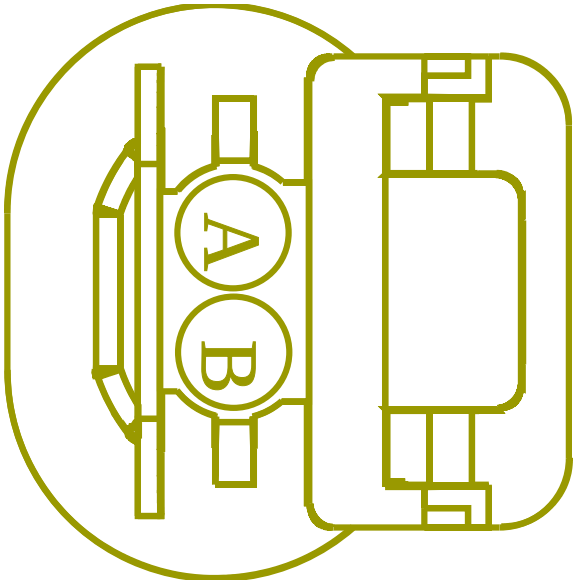
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	N97L	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
B	-	-	N11L	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P02_6097B
Part Number	4173578C1
Instances	Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1
Mates	DEV-TPIM_RESISTOR_B-01



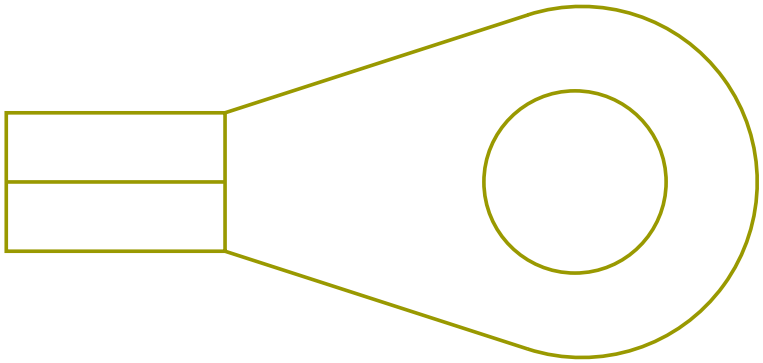
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	N97P	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
B	-	-	N11P	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P02_6098
Part Number	4173578C1
Instances	Battery Management System (Post 05-2022) Option 2:Diagram1 Battery Management System (Pre 05-2022):Diagram1
Mates	DEV-BMS_RESISTOR-01



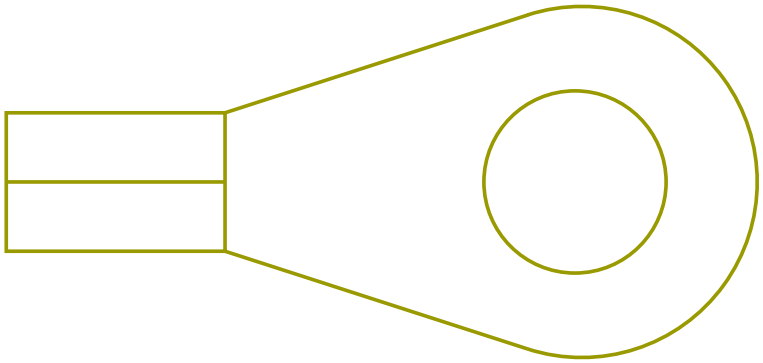
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	N97K	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
B	-	-	N11K	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P02_6100
Part Number	3863609C1
Instances	Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1
Mates	12 Volt



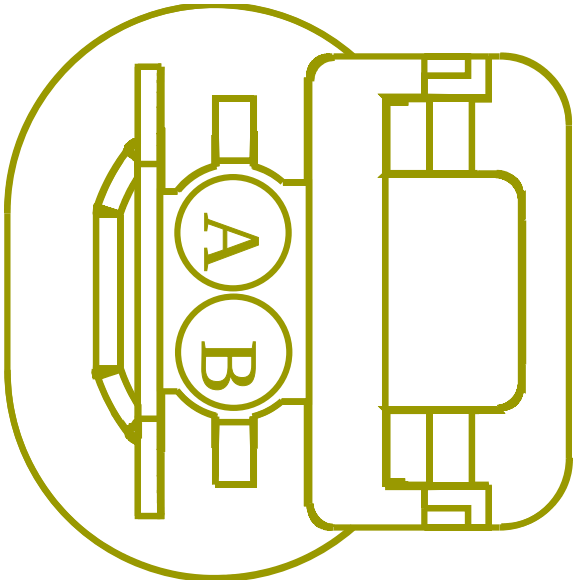
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	N27C	-	0.0	18.0	-	TAN	0.0	-	PIN1	-

Connector Name	P02_6101
Part Number	3863609C1
Instances	Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1
Mates	12 Volt



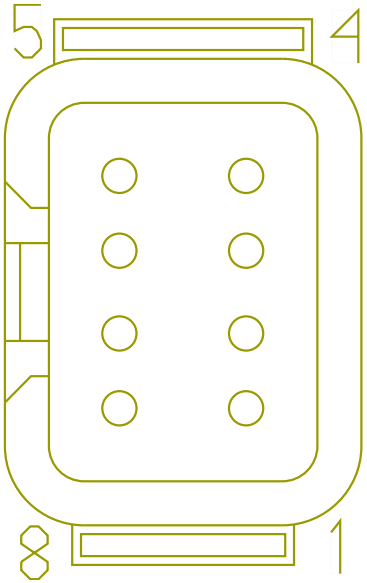
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	N27C-G	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P02_8000
Part Number	4173578C1
Instances	HV Power J1939 (500Kbps):HV Power J1939 (500Kbps)
Mates	TERMINATING RESISTOR



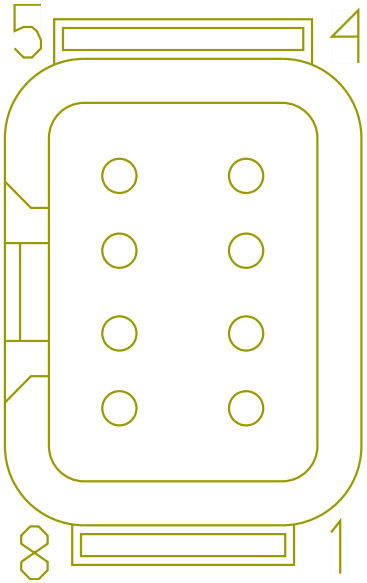
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE775732	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE775725	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	P03_6055
Part Number	3539140C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2) HV Power J1939 (500Kbps):HV Power J1939 (500Kbps) Powertrain Ground Distribution:Diagram1
Mates	K03_6055



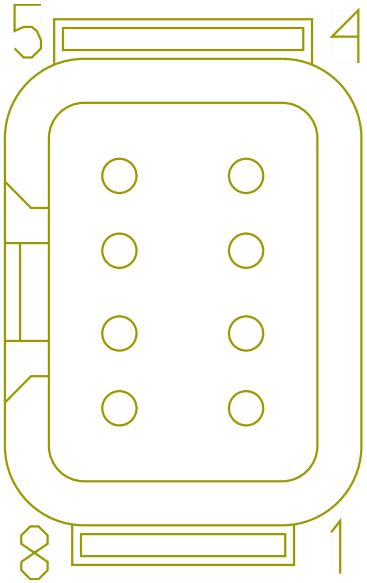
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE775843	-	0.0	-	-	-	0.0	-	E2	P03_7875
2	-	-	WIRE775842	-	0.0	-	-	-	0.0	-	F2	P03_7875
3	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	P14	-	0.0	18.0	-	RED	0.0	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-

Connector Name	P03_6055
Part Number	3539140C1
Instances	Charge Port Monitoring OCI System:Diagram1
Mates	K03_6055



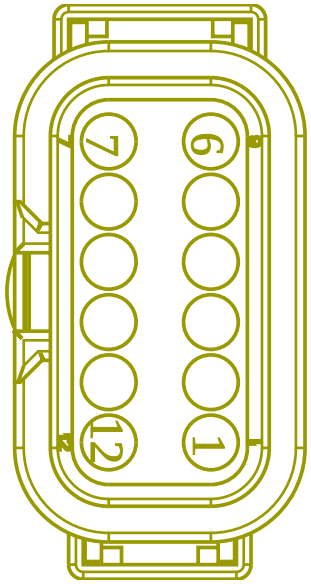
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
4	-	-	P13	-	0.0	18.0	-	PINK	0.0	-	J3	P03_7875
5	-	-	P14	-	0.0	18.0	-	RED	0.0	-	M4	P03_7875

Connector Name	P03_6055
Part Number	3539140C1
Instances	Charge Port Monitoring OCI System (Rev 2):Diagram1
Mates	P60_6055



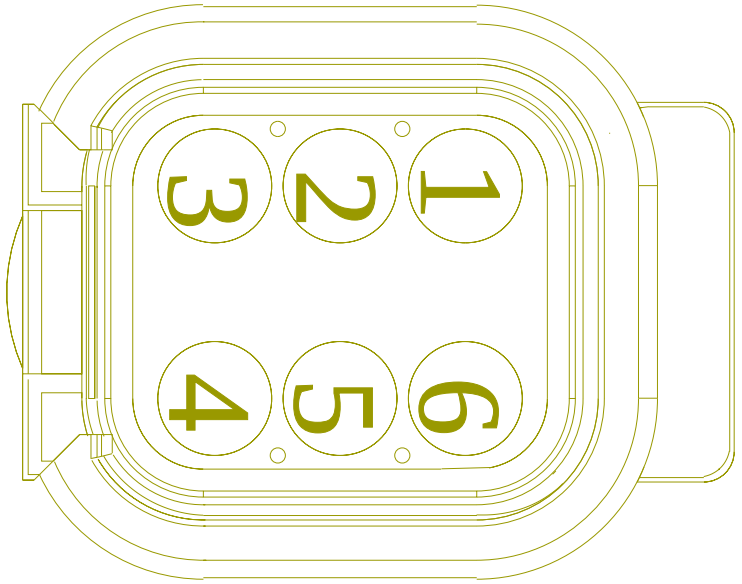
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
4	-	-	P13	-	0.0	18.0	-	PINK	0.0	-	J3	P03_7875
5	-	-	P14	-	0.0	18.0	-	RED	0.0	-	M4	P03_7875

Connector Name	P03_7850
Part Number	3589991C1
Instances	Charge Port Monitoring OCI System:Diagram1 Charge Port Monitoring OCI System (Rev 2):Diagram1
Mates	DEV-CCS_INLET_SIGNAL-01



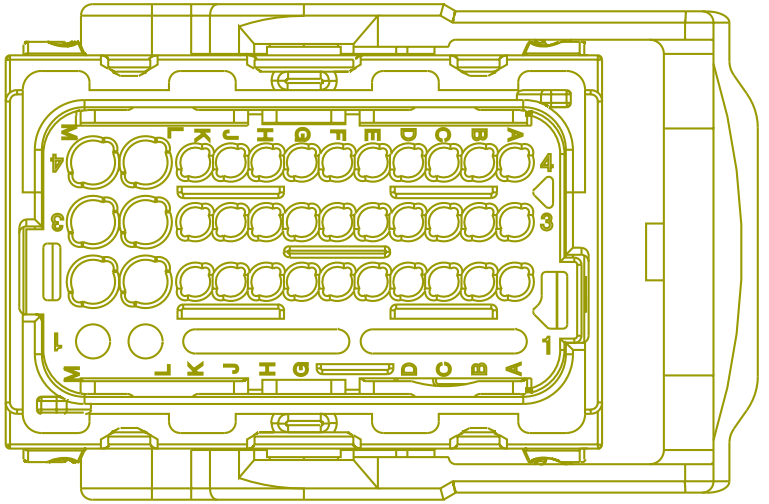
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	P97A	-	0.0	18.0	-	VIOLET	0.0	-	A2	P03_7875
2	-	-	P97B	-	0.0	18.0	-	VIOLET	0.0	-	J2	P03_7875
3	-	-	P97C	-	0.0	18.0	-	VIOLET	0.0	-	K2	P03_7875
4	-	-	P97D	-	0.0	18.0	-	VIOLET	0.0	-	A3	P03_7875
5	-	-	P9A	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
6	-	-	P97E	-	0.0	18.0	-	VIOLET	0.0	-	L3	P03_7875
7	-	-	P97F	-	0.0	18.0	-	VIOLET	0.0	-	M3	P03_7875
8	-	-	P97H	-	0.0	18.0	-	VIOLET	0.0	-	B4	P03_7875
9	-	-	P9B	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
10	-	-	P9C	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
11	-	-	P11	-	0.0	16.0	-	WHITE	0.0	-	L2	P03_7875
12	-	-	P10	-	0.0	18.0	-	WHITE	0.0	-	M2	P03_7875

Connector Name	P03_7852
Part Number	4088967C1
Instances	Charge Port Monitoring OCI System:Diagram1 Charge Port Monitoring OCI System (Rev 2):Diagram1
Mates	DEV-LED_CHARGING_BUTTON-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	P9E	-	0.0	18.0	-	GREY	0.0	-	C4	P03_7875
2	-	-	P9F	-	0.0	18.0	-	GREY	0.0	-	D4	P03_7875
3	-	-	P97J	-	0.0	18.0	-	VIOLET	0.0	-	F4	P03_7875
4	-	-	P97K	-	0.0	18.0	-	VIOLET	0.0	-	G4	P03_7875
5	-	-	P97L	-	0.0	18.0	-	VIOLET	0.0	-	H4	P03_7875
6	-	-	P9G	-	0.0	18.0	-	GREY	0.0	-	E4	P03_7875

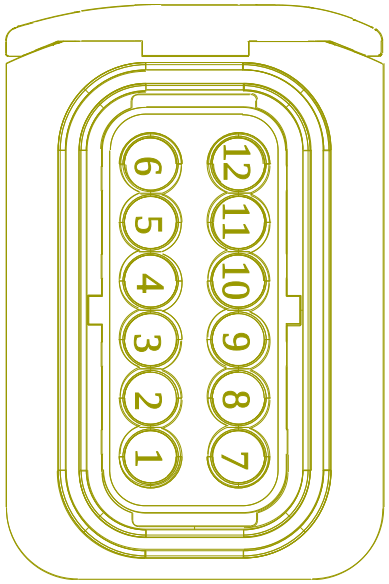
Connector Name	P03_7875
Part Number	4258263C1
Instances	Charge Port Monitoring OCI System:Diagram1 Charge Port Monitoring OCI System (Rev 2):Diagram1 HV Power J1939 (500Kbps):HV Power J1939 (500Kbps)
Mates	DEV-OCI-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A2	-	-	P97A	-	0.0	18.0	-	VIOLET	0.0	-	1	P03_7850
A3	-	-	P97D	-	0.0	18.0	-	VIOLET	0.0	-	4	P03_7850
B3	-	-	P9D	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
B4	-	-	P97H	-	0.0	18.0	-	VIOLET	0.0	-	8	P03_7850
C4	-	-	P9E	-	0.0	18.0	-	GREY	0.0	-	1	P03_7852
D4	-	-	P9F	-	0.0	18.0	-	GREY	0.0	-	2	P03_7852
E2	-	-	WIRE775843	-	0.0	-	-	-	0.0	-	1	P03_6055
E4	-	-	P9G	-	0.0	18.0	-	GREY	0.0	-	6	P03_7852
F2	-	-	WIRE775842	-	0.0	-	-	-	0.0	-	2	P03_6055
F4	-	-	P97J	-	0.0	18.0	-	VIOLET	0.0	-	3	P03_7852
G4	-	-	P97K	-	0.0	18.0	-	VIOLET	0.0	-	4	P03_7852
H4	-	-	P97L	-	0.0	18.0	-	VIOLET	0.0	-	5	P03_7852
J2	-	-	P97B	-	0.0	18.0	-	VIOLET	0.0	-	2	P03_7850

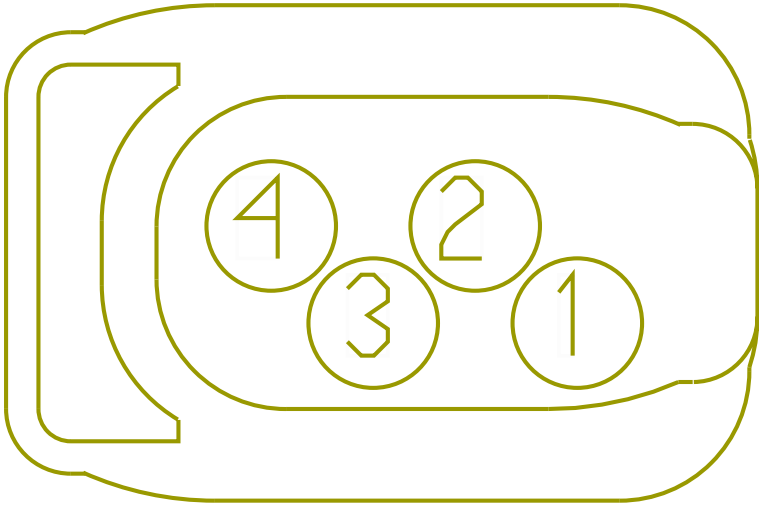
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
J3	-	-	P13	-	0.0	18.0	-	PINK	0.0	-	4	P03_6055
K2	-	-	P97C	-	0.0	18.0	-	VIOLET	0.0	-	3	P03_7850
L2	-	-	P11	-	0.0	16.0	-	WHITE	0.0	-	11	P03_7850
L3	-	-	P97E	-	0.0	18.0	-	VIOLET	0.0	-	6	P03_7850
M2	-	-	P10	-	0.0	18.0	-	WHITE	0.0	-	12	P03_7850
M3	-	-	P97F	-	0.0	18.0	-	VIOLET	0.0	-	7	P03_7850
M4	-	-	P14	-	0.0	18.0	-	RED	0.0	-	5	P03_6055

Connector Name	P04_9000
Part Number	3850730C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram1 - HVAC Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram2 - Sensors
Mates	DEV-RADIATOR_MODULE-01



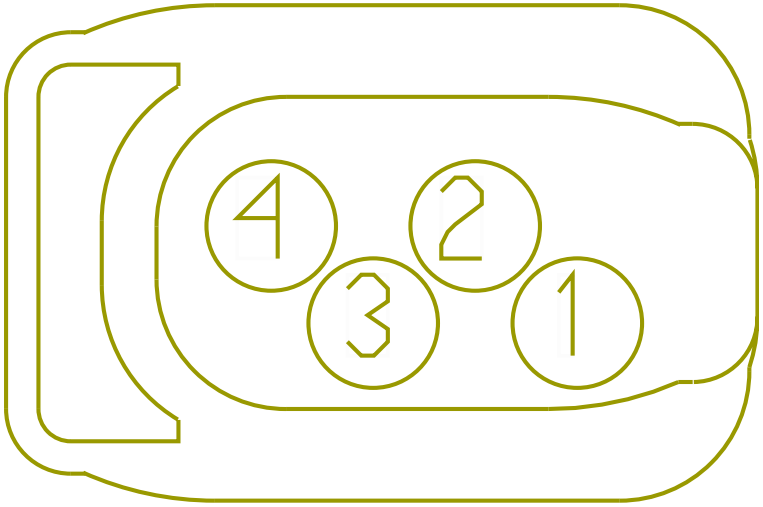
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K6B	-	0.0	18.0	-	GREY	0.0	-	4	P04_9001
2	-	-	K40B	-	0.0	20.0	-	WHITE	0.0	-	2	P04_9001
3	-	-	K41B	-	0.0	20.0	-	BROWN	0.0	-	3	P04_9001
4	-	-	K9-GB	-	0.0	20.0	-	BLACK	0.0	-	1	P04_9001
5	-	-	K6A	-	0.0	20.0	-	RED	0.0	-	4	P04_9002
6	-	-	K40A	-	0.0	20.0	-	WHITE	0.0	-	2	P04_9002
7	-	-	K41A	2645624 R1	0.35	22.0	Thin Wall XLPE Primary Cable	TAN	0.0	-	3	P04_9002
8	-	-	K9-GA	-	0.0	20.0	-	BLACK	0.0	-	1	P04_9002
10	-	-	K77A	-	0.0	20.0	-	DARK BLUE	0.0	-	A	P04_9003
11	-	-	K75-G	-	0.0	18.0	-	WHITE	0.0	-	B	P04_9003

Connector Name	P04_9001
Part Number	3600324C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram2 - Sensors
Mates	DEV-COND_P/T_SENSOR-01



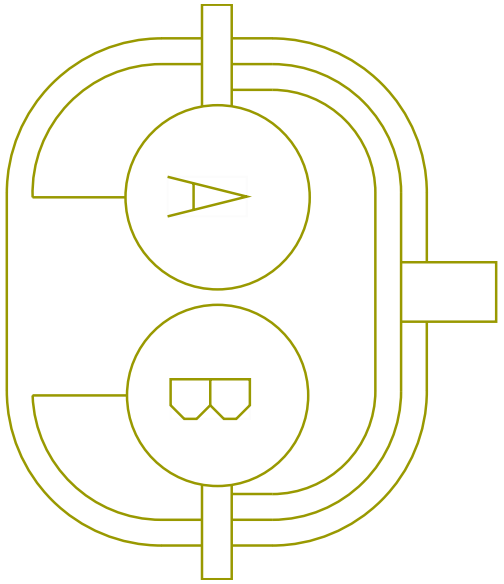
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	K9-GB	-	0.0	20.0	-	BLACK	0.0	-	4	P04_9000
2	-	-	K40B	-	0.0	20.0	-	WHITE	0.0	-	2	P04_9000
3	-	-	K41B	-	0.0	20.0	-	BROWN	0.0	-	3	P04_9000
4	-	-	K6B	-	0.0	18.0	-	GREY	0.0	-	1	P04_9000

Connector Name	P04_9002
Part Number	3600324C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram2 - Sensors
Mates	DEV-EVAP_P/T_SENSOR-01



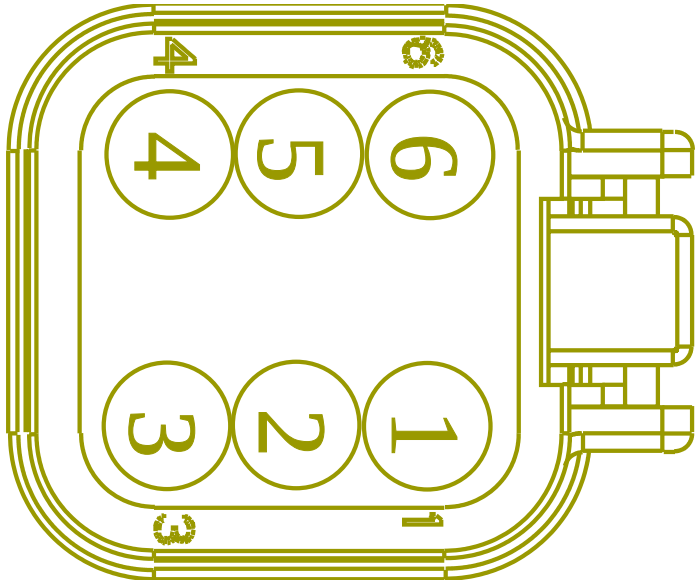
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	K9-GA	-	0.0	20.0	-	BLACK	0.0	-	8	P04_9000
2	-	-	K40A	-	0.0	20.0	-	WHITE	0.0	-	6	P04_9000
3	-	-	K41A	2645624 R1	0.35	22.0	Thin Wall XLPE Primary Cable	TAN	0.0	-	7	P04_9000
4	-	-	K6A	-	0.0	20.0	-	RED	0.0	-	5	P04_9000

Connector Name	P04_9003
Part Number	3543888C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram1 - HVAC
Mates	M01_8900



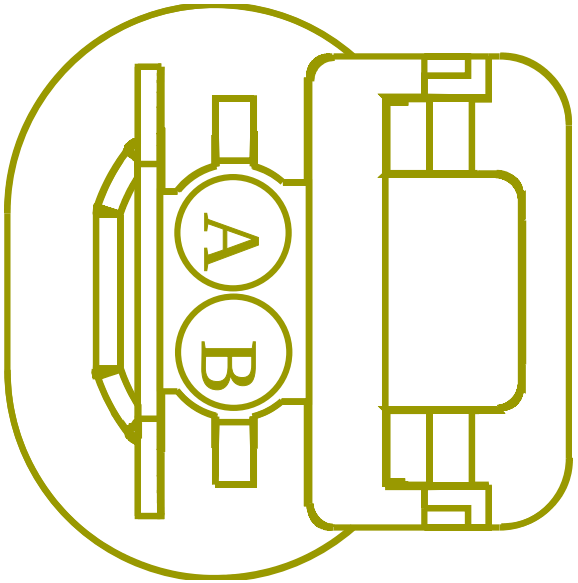
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K77A	-	0.0	20.0	-	DARK BLUE	0.0	-	10	P04_9000
B	-	-	K75-G	-	0.0	18.0	-	WHITE	0.0	-	11	P04_9000

Connector Name	P101_6056M
Part Number	3572899C1
Instances	Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1 Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2 Engine Speed Control (ePTO):Diagram2 HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
Mates	P86_6056F



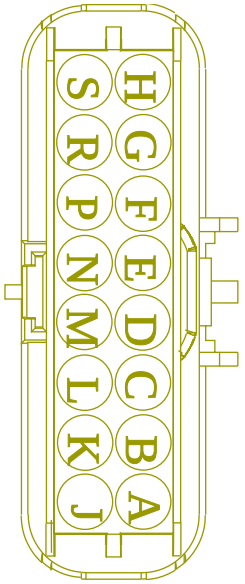
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE825086	-	0.0	-	-	-	0.0	-	PIN1	-
2	-	-	WIRE825816	-	0.0	-	-	-	0.0	-	PIN1	-
3	-	-	WIRE825823	-	0.0	-	-	-	0.0	-	PIN1	-
4	-	-	WIRE825824	-	0.0	-	-	-	0.0	-	PIN1	-
5	-	-	N13YJA	-	0.0	18.0	-	PINK	0.0	-	PIN1	-

Connector Name	P101_6086
Part Number	4173578C1
Instances	HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
Mates	Terminating Resistor



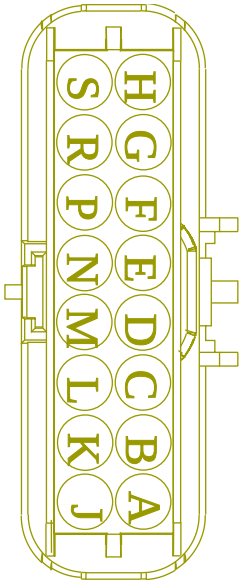
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE825093	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE825094	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	P101_6090
Part Number	3580540C1
Instances	Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1 Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2 Engine Speed Control (ePTO):Diagram2 HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram2
Mates	K13_6090



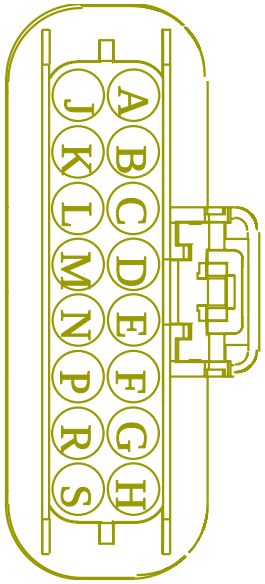
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	WIRE825085	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	WIRE825815	-	0.0	-	-	-	0.0	-	PIN1	-
G	-	-	N97A	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
H	-	-	N13A	-	0.0	18.0	-	PINK	0.0	-	7	P101_6092
K	-	-	N97C	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
L	-	-	N13B	-	0.0	18.0	-	PINK	0.0	-	PIN1	-

Connector Name	P101_6090
Part Number	3580540C1
Instances	Body Builder Power Prewire (ePower Prewire):Diagram1
Mates	K11_6090



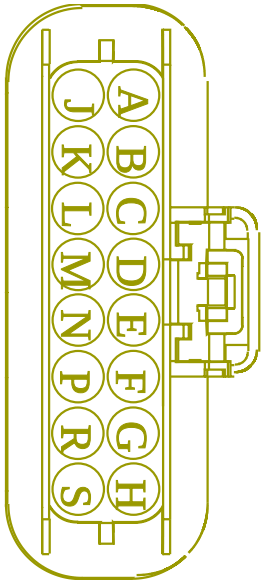
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
L	-	-	N13B	-	0.0	18.0	-	PINK	0.0	-	PIN1	-

Connector Name	P101_6091
Part Number	3580539C1
Instances	Body Builder Power Prewire (ePower Prewire):Diagram1
Mates	K11_6091



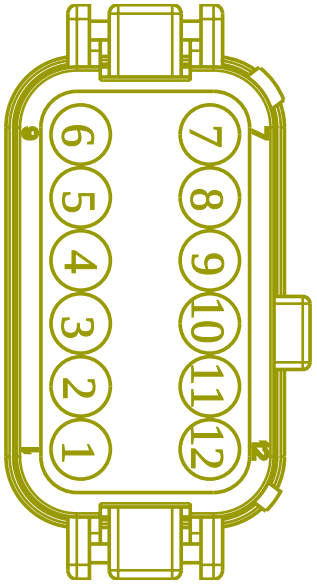
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
K	-	-	N14YJ	-	0.0	18.0	-	RED	0.0	-	5	P101_6099
S	-	-	N11A	-	0.0	14.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P101_6091
Part Number	3580539C1
Instances	Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram2
Mates	K13_6091



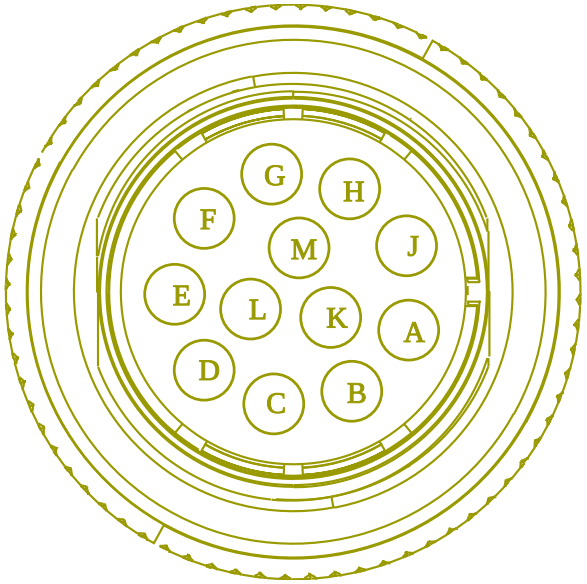
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
E	-	-	N14A	-	0.0	14.0	-	RED	0.0	-	PIN1	-
R	-	-	N11M	-	0.0	14.0	-	WHITE	0.0	-	PIN1	-
S	-	-	N11A	-	0.0	14.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P101_6092
Part Number	3601923C1
Instances	Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1
Mates	DEV-HVDM-01



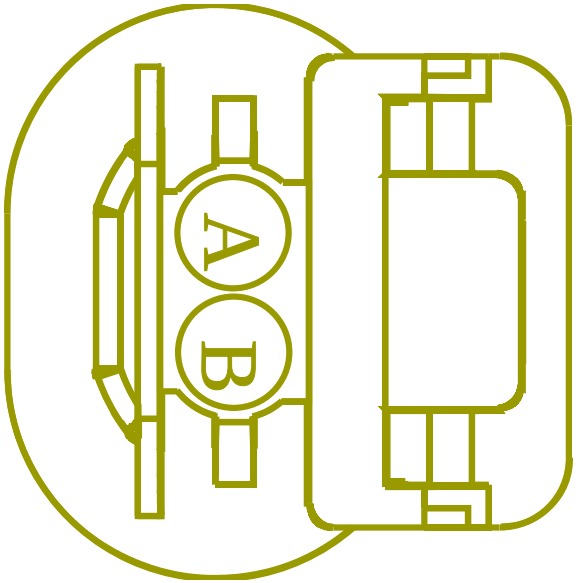
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
2	-	-	N11F	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
7	-	-	N13A	-	0.0	18.0	-	PINK	0.0	-	H	P101_6090
8	-	-	N97M	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-

Connector Name	P101_6094
Part Number	4283563C1
Instances	HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1 Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram2
Mates	DEV-TPIM-01



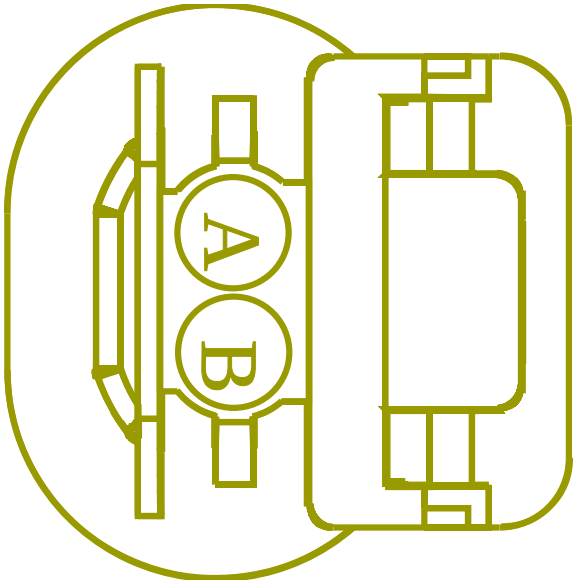
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
C	-	-	WIRE825081	-	0.0	-	-	-	0.0	-	PIN1	-
C	-	-	-	-	-	-	-	-	-	-	-	-
D	-	-	WIRE825082	-	0.0	-	-	-	0.0	-	PIN1	-
D	-	-	-	-	-	-	-	-	-	-	-	-
E	-	-	N14F	-	0.0	18.0	-	RED	0.0	-	PIN1	-
F	-	-	N14G	-	0.0	18.0	-	RED	0.0	-	PIN1	-
G	-	-	N97J	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
L	-	-	N11GA	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
M	-	-	N11H	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P101_6096A
Part Number	4173578C1
Instances	Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1
Mates	DEV-TPIM_RESISTOR_C-01



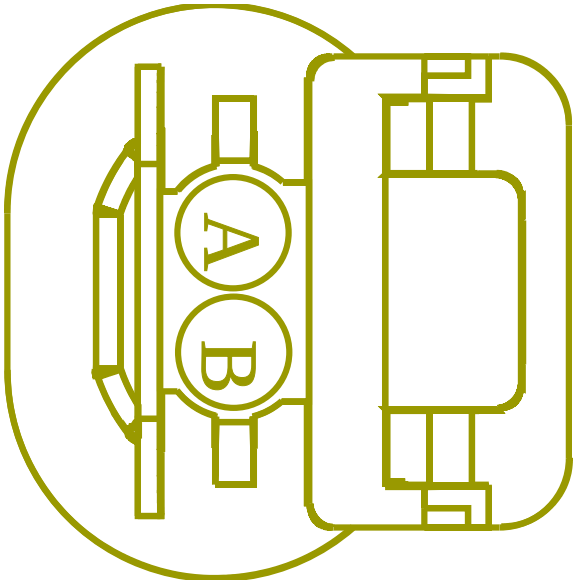
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	N13F	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
B	-	-	N11J	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P101_6096B
Part Number	4173578C1
Instances	Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram1
Mates	DEV-TPIM_RESISTOR_D-01



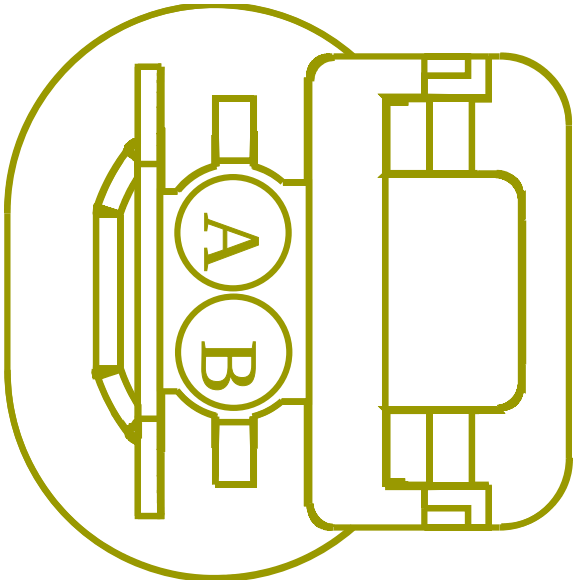
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	N97N	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
B	-	-	N11N	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P101_6097A
Part Number	4173578C1
Instances	Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram2
Mates	DEV-TPIM_RESISTOR_A-01



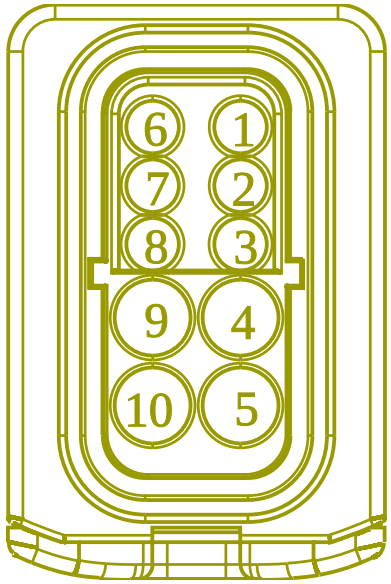
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	N97L	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
B	-	-	N11L	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P101_6097B
Part Number	4173578C1
Instances	Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter).:Diagram2
Mates	DEV-TPIM_RESISTOR_B-01



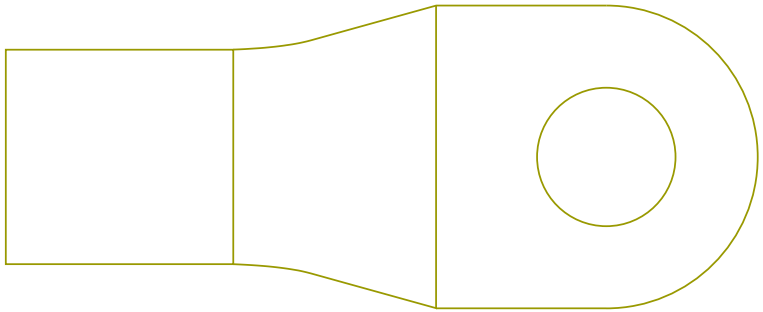
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	N97P	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
B	-	-	N11P	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P101_6099
Part Number	4194078C1
Instances	Body Builder Power Prewire (ePower Prewire):Diagram1 HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
Mates	DEV-ePOWER_CONN-01



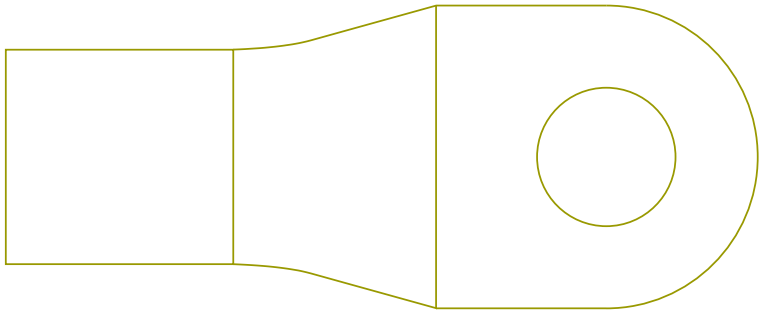
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
5	-	-	N14YJ	-	0.0	18.0	-	RED	0.0	-	K	P101_6091
6	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	WIRE825811	-	0.0	-	-	-	0.0	-	PIN1	-
7	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	WIRE825814	-	0.0	-	-	-	0.0	-	PIN1	-
8	-	-	N13YJ	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
10	-	-	N11YJ	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P110_1
Part Number	2241346C1
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1 Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	OPTIONAL PDM



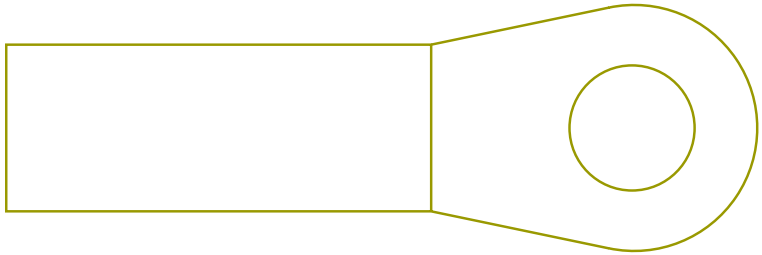
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	14A	-	0.0	0.0	-	RED	0.0	-	A	P110_2

Connector Name	P110_2
Part Number	2241345C1
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1 Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	RLY-Power_Lift_Gate_Relay- 2038-02-01B



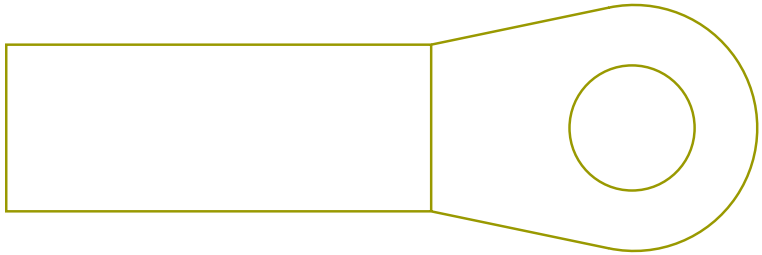
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	14A	-	0.0	0.0	-	RED	0.0	-	A	P110_1

Connector Name	P13721
Part Number	3867402C1
Instances	High-Voltage Power Distribution System:Diagram1
Mates	DEV-A/C_VFD_DRIVE-01



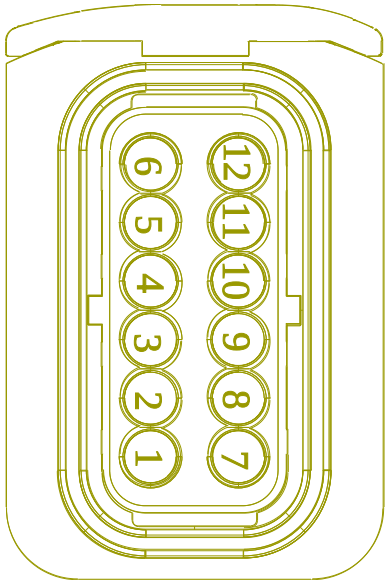
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	4275232 C91	-	0.0	-	-	-	0.0	-	1	P13724

Connector Name	P13723
Part Number	3867402C1
Instances	High-Voltage Power Distribution System:Diagram1
Mates	DEV-A/C_VFD_DRIVE-01



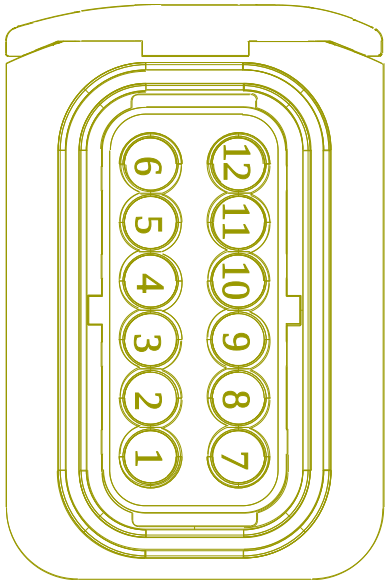
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	4275232 C91	-	0.0	-	-	-	0.0	-	-	-

Connector Name	P27_9000
Part Number	3850730C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram2 - Sensors Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	DEV-RADIATOR_MODULE-01



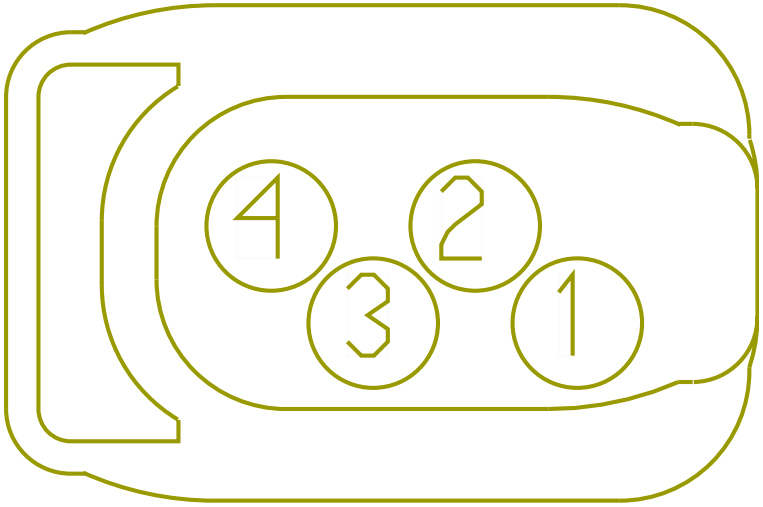
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K6B	-	0.0	18.0	-	GREY	0.0	-	4	P27_9001
2	-	-	K40B	-	0.0	20.0	-	WHITE	0.0	-	2	P27_9001
3	-	-	K41B	-	0.0	20.0	-	BROWN	0.0	-	3	P27_9001
4	-	-	K9-GB	-	0.0	20.0	-	BLACK	0.0	-	1	P27_9001
5	-	-	K6A	-	0.0	20.0	-	RED	0.0	-	4	P27_9002
6	-	-	K40A	-	0.0	20.0	-	WHITE	0.0	-	2	P27_9002
7	-	-	K41A	2645624 R1	0.35	22.0	Thin Wall XLPE Primary Cable	TAN	0.0	-	3	P27_9002
8	-	-	K9-GA	-	0.0	20.0	-	BLACK	0.0	-	1	P27_9002
9	-	-	193	-	0.0	18.0	-	GREY	0.0	-	A	P27_9004
10	-	-	K77A	-	0.0	20.0	-	DARK BLUE	0.0	-	A	P27_9003
11	-	-	K75-G	-	0.0	18.0	-	WHITE	0.0	-	B	P27_9003
12	-	-	193A	-	0.0	18.0	-	GREY	0.0	-	B	P27_9004

Connector Name	P27_9000
Part Number	3850730C1
Instances	HVAC Actuators:Diagram 1
Mates	DEV-RADIATOR_MODULE-01



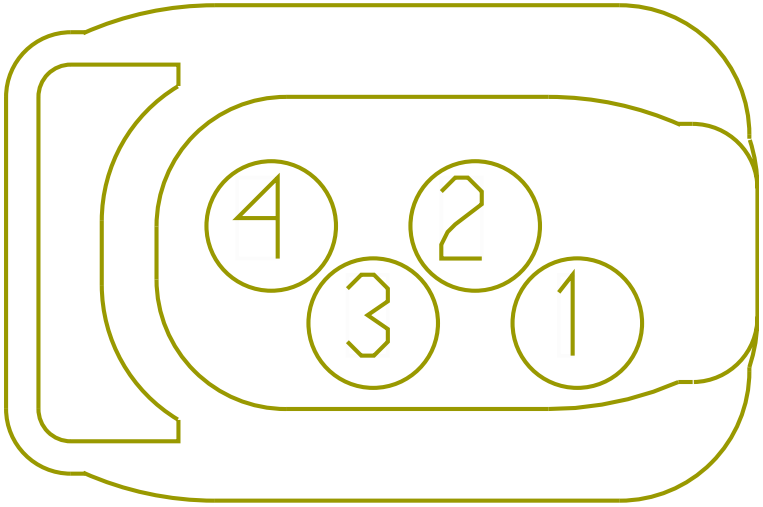
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
10	-	-	K77A	-	0.0	20.0	-	DARK BLUE	0.0	-	A	P27_9003
11	-	-	K75-G	-	0.0	18.0	-	WHITE	0.0	-	B	P27_9003

Connector Name	P27_9001
Part Number	3600324C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram2 - Sensors
Mates	DEV-COND_P/T_SENSOR-01



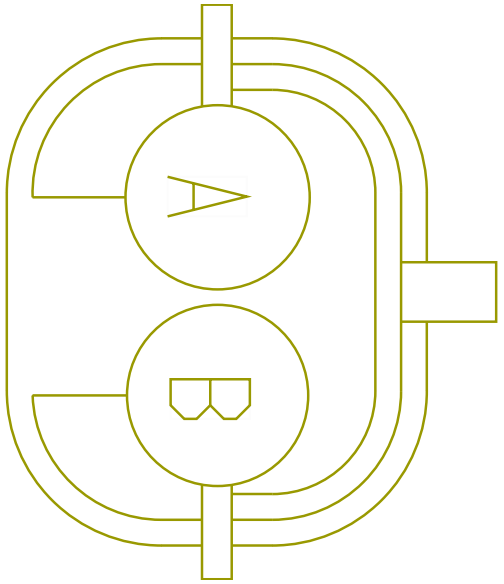
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	K9-GB	-	0.0	20.0	-	BLACK	0.0	-	4	P27_9000
2	-	-	K40B	-	0.0	20.0	-	WHITE	0.0	-	2	P27_9000
3	-	-	K41B	-	0.0	20.0	-	BROWN	0.0	-	3	P27_9000
4	-	-	K6B	-	0.0	18.0	-	GREY	0.0	-	1	P27_9000

Connector Name	P27_9002
Part Number	3600324C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram2 - Sensors
Mates	DEV-EVAP_P/T_SENSOR-01



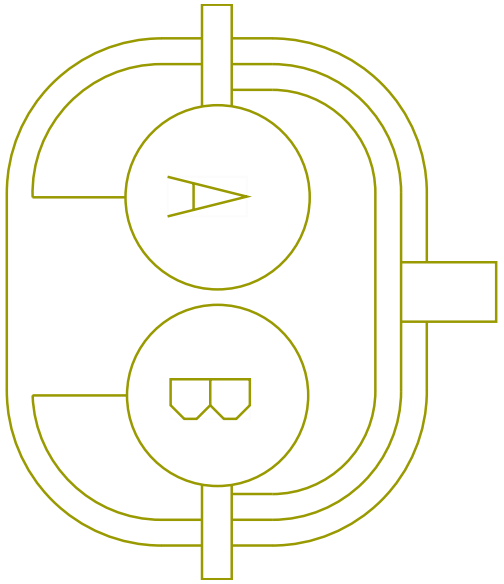
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	K9-GA	-	0.0	20.0	-	BLACK	0.0	-	8	P27_9000
2	-	-	K40A	-	0.0	20.0	-	WHITE	0.0	-	6	P27_9000
3	-	-	K41A	2645624 R1	0.35	22.0	Thin Wall XLPE Primary Cable	TAN	0.0	-	7	P27_9000
4	-	-	K6A	-	0.0	20.0	-	RED	0.0	-	5	P27_9000

Connector Name	P27_9003
Part Number	3543888C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram1 - HVAC
Mates	M01_8900



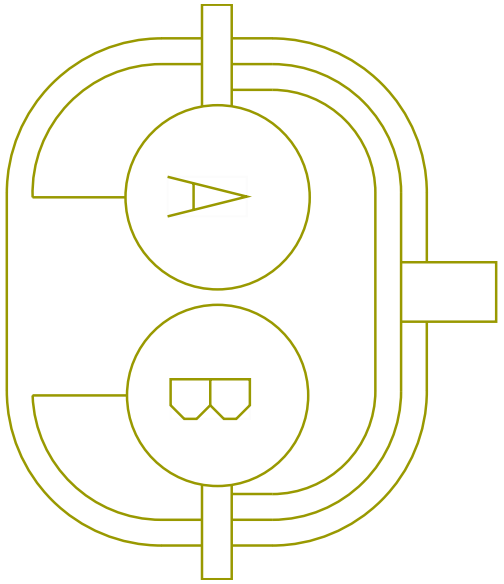
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K77A	-	0.0	20.0	-	DARK BLUE	0.0	-	10	P27_9000
B	-	-	K75-G	-	0.0	18.0	-	WHITE	0.0	-	11	P27_9000

Connector Name	P27_9003
Part Number	3543888C1
Instances	HVAC Actuators:Diagram 1
Mates	M01_8900



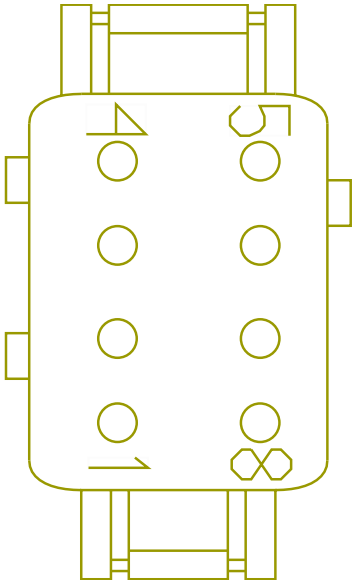
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K77A	-	0.0	20.0	-	DARK BLUE	0.0	-	10	P27_9000
B	-	-	K75-G	-	0.0	18.0	-	WHITE	0.0	-	11	P27_9000

Connector Name	P27_9004
Part Number	3543888C1
Instances	Heating, Ventilation, & Air Conditioning (HVAC) (W/VCU) (Rev 2):Diagram3 - EV Components
Mates	K07_6094



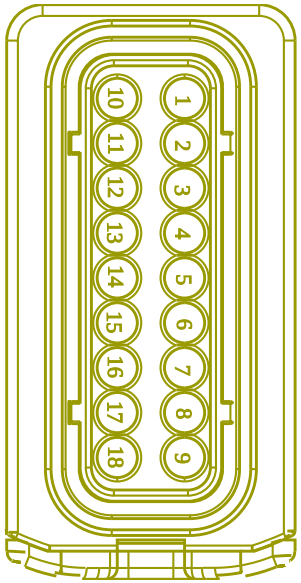
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	193	-	0.0	18.0	-	GREY	0.0	-	9	P27_9000
B	-	-	193A	-	0.0	18.0	-	GREY	0.0	-	12	P27_9000

Connector Name	P60_6055
Part Number	3539139C1
Instances	Charge Port Monitoring OCI System (Rev 2):Diagram1
Mates	P03_6055



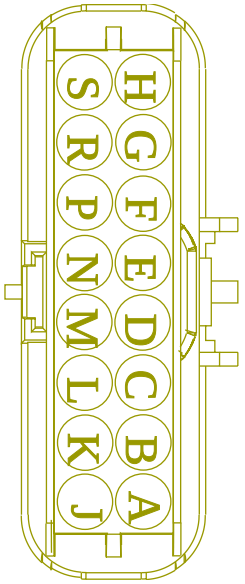
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
4	-	-	N13E	-	0.0	18.0	-	PINK	0.0	-	C	P60_6091
5	-	-	N14P	-	0.0	16.0	-	RED	0.0	-	PIN1	-

Connector Name	P60_6081
Part Number	6132204C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram1
Mates	DEV-SWITCH_BOX-01



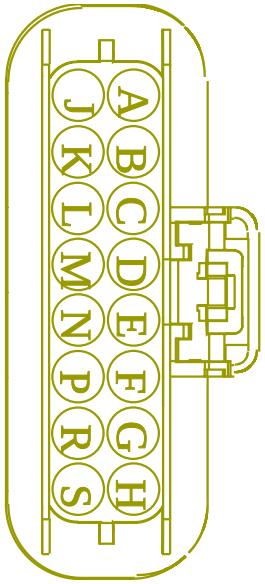
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	N14D	-	0.0	18.0	-	RED	0.0	-	PIN1	-
2	-	-	N14E	-	0.0	18.0	-	RED	0.0	-	PIN1	-
10	-	-	N11D	-	0.0	18.0	-	BLACK	0.0	-	PIN1	-
11	-	-	N11E	-	0.0	18.0	-	BLACK	0.0	-	PIN1	-
13	-	-	N97H	-	0.0	18.0	-	PINK	0.0	-	PIN1	-

Connector Name	P60_6090
Part Number	3580540C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram1 Battery Management System (Post 05-2022) Option 1:Diagram2
Mates	K08_6090



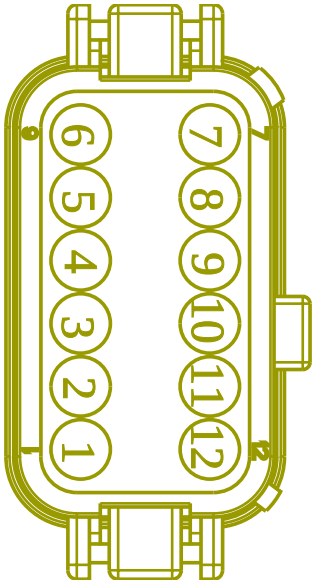
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
J	-	-	N97B	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
M	-	-	N97D	-	0.0	18.0	-	VIOLET	0.0	-	6	P60_6092

Connector Name	P60_6091
Part Number	3580539C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram1 Battery Management System (Post 05-2022) Option 1:Diagram2 Charge Port Monitoring OCI System (Rev 2):Diagram1
Mates	K08_6091



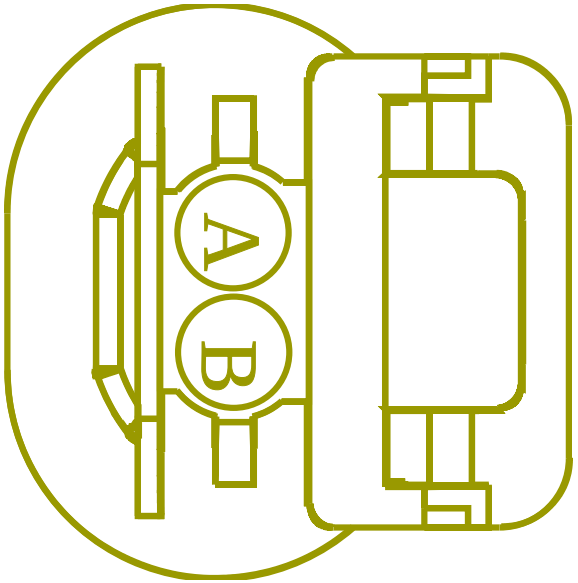
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
B	-	-	N97E	-	0.0	18.0	-	VIOLET	0.0	-	5	P60_6092
C	-	-	N13E	-	0.0	18.0	-	PINK	0.0	-	4	P60_6055
F	-	-	N14B	-	0.0	16.0	-	RED	0.0	-	PIN1	-
H	-	-	N97G	-	0.0	18.0	-	VIOLET	0.0	-	4	P60_6092
R	-	-	N11M	-	0.0	14.0	-	WHITE	0.0	-	PIN1	-
S	-	-	N11A	-	0.0	14.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P60_6092
Part Number	3601923C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram2
Mates	DEV-HVDM-01



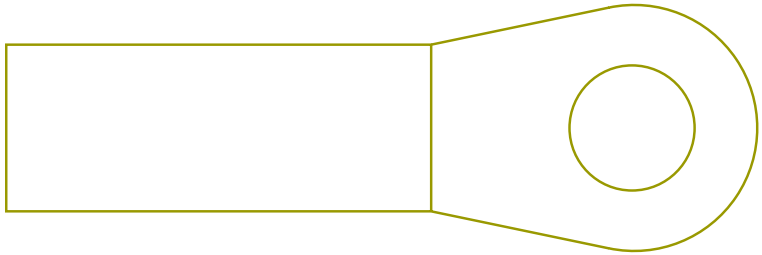
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
2	-	-	N11F	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
4	-	-	N97G	-	0.0	18.0	-	VIOLET	0.0	-	H	P60_6091
5	-	-	N97E	-	0.0	18.0	-	VIOLET	0.0	-	B	P60_6091
6	-	-	N97D	-	0.0	18.0	-	VIOLET	0.0	-	M	P60_6090

Connector Name	P60_6098
Part Number	4173578C1
Instances	Battery Management System (Post 05-2022) Option 1:Diagram1
Mates	DEV-BMS_RESISTOR-01



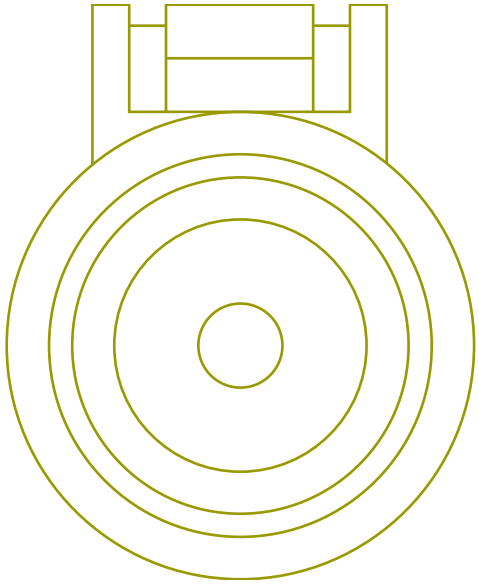
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	N97K	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
B	-	-	N11K	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P8T_4028C
Part Number	338892C2
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1 Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	OPTIONAL PDM



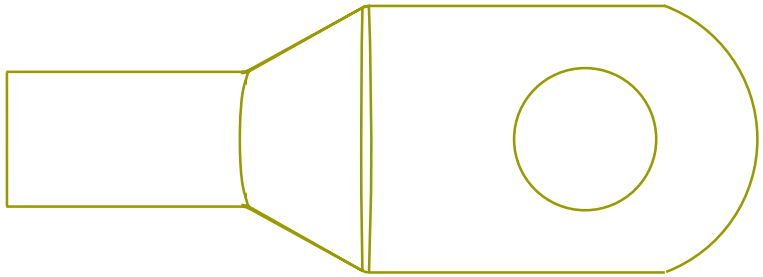
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	N14Y-FL	-	0.0	12.0	-	BLUE	0.0	-	PIN1	-
A	-	-	N14X-FL	-	0.0	12.0	-	BLUE	0.0	-	PIN1	-

Connector Name	P8T_4412M
Part Number	3517760C1
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1 Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	N11_4413F1



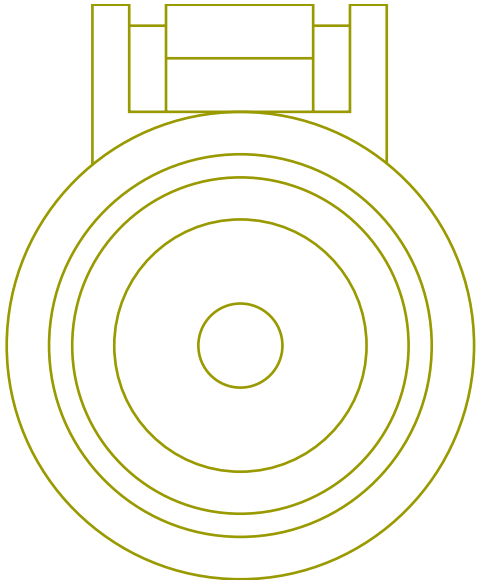
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	N14Z	-	0.0	4.0	-	RED	0.0	-	-	-
A	-	-	N14Z	-	0.0	4.0	-	RED	0.0	-	PIN1	-

Connector Name	P8U_4028C
Part Number	6137789C1
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1 Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	OPTIONAL PDM



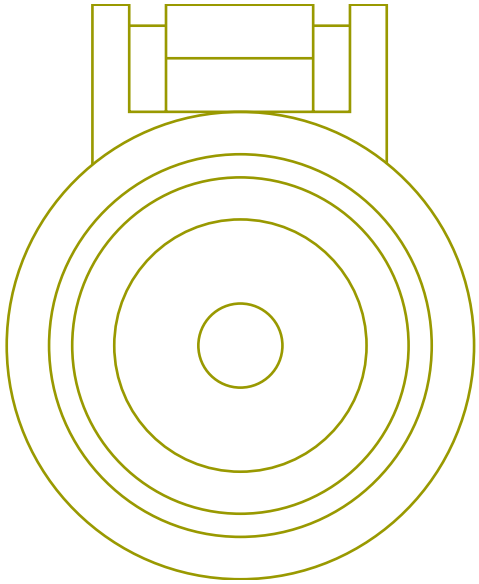
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	M14A-FL	-	0.0	6.0	-	TAN	0.0	-	X	-

Connector Name	P8U_4320M
Part Number	3517760C1
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1 Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	N11_4413F3



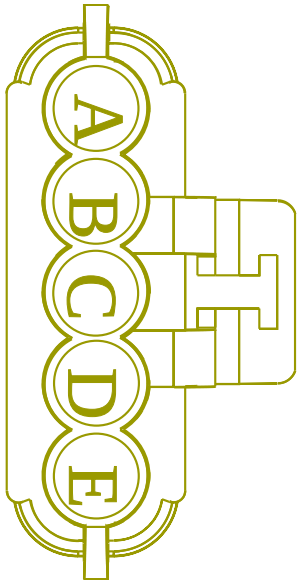
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	M14	-	0.0	4.0	-	RED	0.0	-	X	-

Connector Name	P8U_4412M
Part Number	3517760C1
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1 Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	N11_4413F2



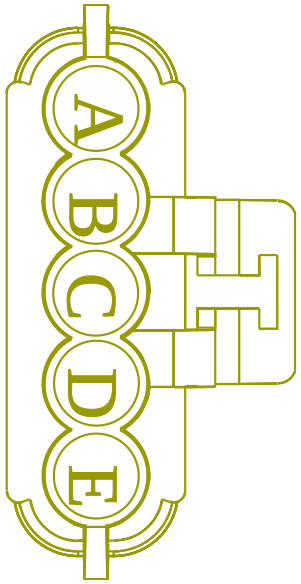
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	N14Z	-	0.0	4.0	-	RED	0.0	-	X	-
A	-	-	N14Z	-	0.0	4.0	-	RED	0.0	-	-	-

Connector Name	P80_71
Part Number	1661375C2
Instances	Backup Alarm (From Relay to 5 Pin Daisy Chain. Backup Alarm Plugs in):Diagram1 Backup Light (W/VCU) Dual Daisy Reverse Light:Diagram1 Rear Lights (Stop) (W/VCU) W/Daisy Chain:Diagram1
Mates	DEV-DAISY_CHAIN_TAIL_LEFT_ LAMP-02



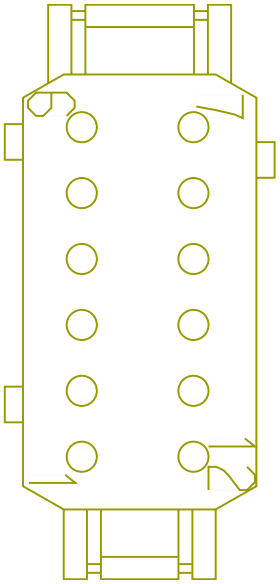
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	S71C	2643694 R1	1.91	14.0	Std. Wall XLPE Primary Cable	LIGHT BLUE	1385.0	-	A	P80_72
A	-	-	S71C	-	0.0	14.0	-	LIGHT BLUE	0.0	-	A	P80_72
C	-	-	S57B	2643687 R1	1.91	14.0	Std. Wall XLPE Primary Cable	LIGHT GREEN	1385.0	-	C	R80_72
E	-	-	S10-GC	2643689 R1	1.91	14.0	Std. Wall XLPE Primary Cable	WHITE	0.0	-	E	P80_72
E	-	-	S10-GC	2643689 R1	1.91	14.0	Std. Wall XLPE Primary Cable	WHITE	0.0	-	E	R80_72

Connector Name	P80_72
Part Number	1661375C2
Instances	Backup Alarm (From Relay to 5 Pin Daisy Chain. Backup Alarm Plugs in):Diagram1 Backup Light (W/VCU) Dual Daisy Reverse Light:Diagram1
Mates	DEV-DAISY_CHAIN_TAIL_RIGHT _LAMP-02



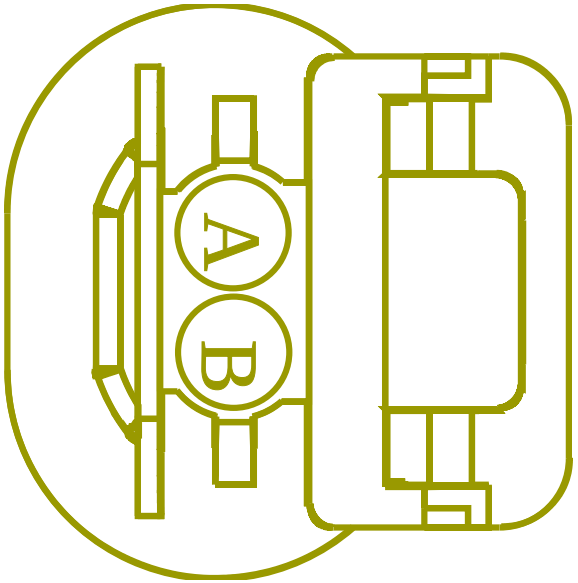
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	S71C	2643694 R1	1.91	14.0	Std. Wall XLPE Primary Cable	LIGHT BLUE	1385.0	-	A	P80_71
A	-	-	S71C	-	0.0	14.0	-	LIGHT BLUE	0.0	-	A	P80_71
E	-	-	S10-GC	2643689 R1	1.91	14.0	Std. Wall XLPE Primary Cable	WHITE	0.0	-	E	P80_71

Connector Name	P84_1200
Part Number	3553404C1
Instances	Engine Speed Control (ePTO):Diagram1
Mates	DEV-ePTO_RESOLVER-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	REXC+	-	0.0	20.0	-	RED	0.0	-	6	P84_3900
2	-	-	REXC-	-	0.0	20.0	-	BLACK	0.0	-	9	P84_3900
3	-	-	RCOS+	-	0.0	20.0	-	BLACK	0.0	-	7	P84_3900
4	-	-	RCOS-	-	0.0	20.0	-	WHITE	0.0	-	8	P84_3900
5	-	-	RSIN+	-	0.0	20.0	-	BLACK	0.0	-	10	P84_3900
6	-	-	RSIN-	-	0.0	20.0	-	LIGHT GREEN	0.0	-	11	P84_3900
7	-	-	MTS1+	-	0.0	20.0	-	BLACK	0.0	-	3	P84_3900
8	-	-	MTS-CG	-	0.0	20.0	-	LIGHT BLUE	0.0	-	PIN1	-
9	-	-	MTS2+	-	0.0	20.0	-	BLACK	0.0	-	1	P84_3900
12	-	-	P10-BG	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P84_3002
Part Number	4173578C1
Instances	Engine Speed Control (ePTO):Diagram2
Mates	DEV-INVERTER_RESISTOR-01



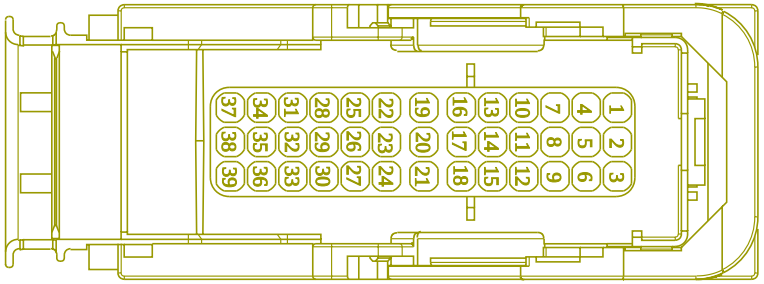
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	P13HA	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
B	-	-	P13HB	-	0.0	18.0	-	PINK	0.0	-	20	P84_3900

Connector Name P84_3900

Part Number 4367622C1

Instances Engine Speed Control (ePTO):Diagram1
Engine Speed Control (ePTO):Diagram2
HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1

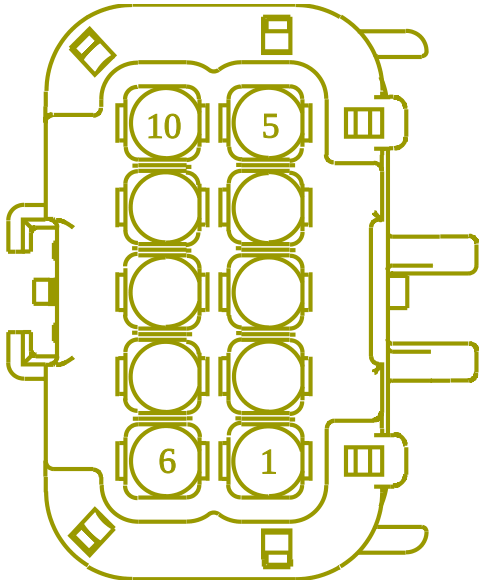
Mates DEV-ePTO_INVERTER-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	MTS2+	-	0.0	20.0	-	BLACK	0.0	-	9	P84_1200
2	-	-	MTS1-	-	0.0	20.0	-	LIGHT BLUE	0.0	-	PIN1	-
3	-	-	MTS1+	-	0.0	20.0	-	BLACK	0.0	-	7	P84_1200
4	-	-	MTS2-	-	0.0	20.0	-	LIGHT BLUE	0.0	-	PIN1	-
5	-	-	P10-AG	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
6	-	-	REXC+	-	0.0	20.0	-	RED	0.0	-	1	P84_1200
7	-	-	RCOS+	-	0.0	20.0	-	BLACK	0.0	-	3	P84_1200
8	-	-	RCOS-	-	0.0	20.0	-	WHITE	0.0	-	4	P84_1200
9	-	-	REXC-	-	0.0	20.0	-	BLACK	0.0	-	2	P84_1200
10	-	-	RSIN+	-	0.0	20.0	-	BLACK	0.0	-	5	P84_1200
11	-	-	RSIN-	-	0.0	20.0	-	LIGHT GREEN	0.0	-	6	P84_1200
19	-	-	P10HA	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
20	-	-	P13HB	-	0.0	18.0	-	PINK	0.0	-	B	P84_3002

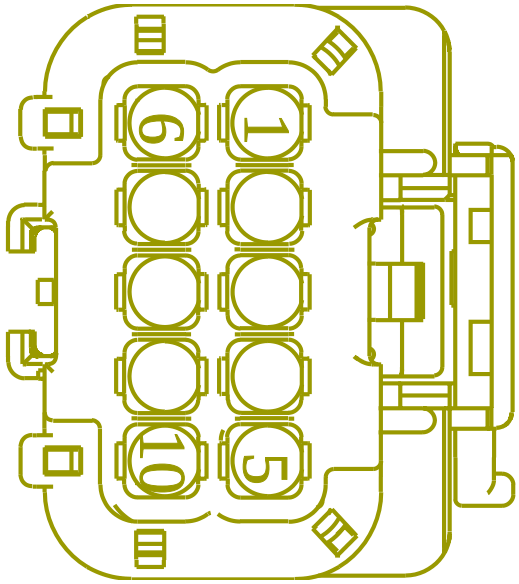
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
22	-	-	WIRE825838	-	0.0	-	-	-	0.0	-	5	P84_6000M
22	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	WIRE825840	-	0.0	-	-	-	0.0	-	7	P84_6000M
23	-	-	-	-	-	-	-	-	-	-	-	-
25	-	-	WIRE825839	-	0.0	-	-	-	0.0	-	6	P84_6000M
25	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	WIRE825841	-	0.0	-	-	-	0.0	-	8	P84_6000M
26	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	P14AZB	-	0.0	18.0	-	RED	0.0	-	PIN1	-
33	-	-	P10PR-GB	-	0.0	18.0	-	WHITE	0.0	-	PIN1	-
35	-	-	P13PF	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
38	-	-	P10PR-GA	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
39	-	-	P14AZA	-	0.0	16.0	-	RED	0.0	-	PIN1	-

Connector Name	P84_6000M
Part Number	6112506C1
Instances	Engine Speed Control (ePTO):Diagram1 Engine Speed Control (ePTO):Diagram2 HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
Mates	P86_6000F



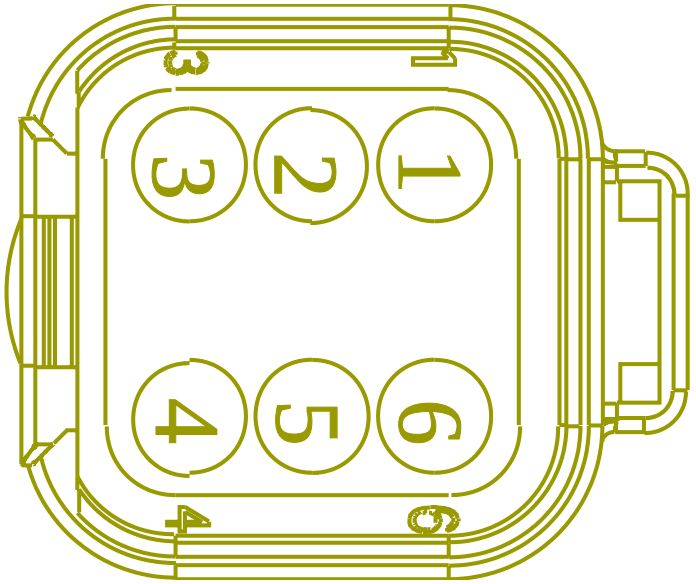
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	P14AZ	-	0.0	16.0	-	RED	0.0	-	PIN1	-
2	-	-	P13PG	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
3	-	-	P10PR-G	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
5	-	-	WIRE825838	-	0.0	-	-	-	0.0	-	22	P84_3900
6	-	-	WIRE825839	-	0.0	-	-	-	0.0	-	25	P84_3900
7	-	-	WIRE825840	-	0.0	-	-	-	0.0	-	23	P84_3900
8	-	-	WIRE825841	-	0.0	-	-	-	0.0	-	26	P84_3900

Connector Name	P86_6000F
Part Number	3690369C1
Instances	Engine Speed Control (ePTO):Diagram1 Engine Speed Control (ePTO):Diagram2 HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
Mates	P84_6000M



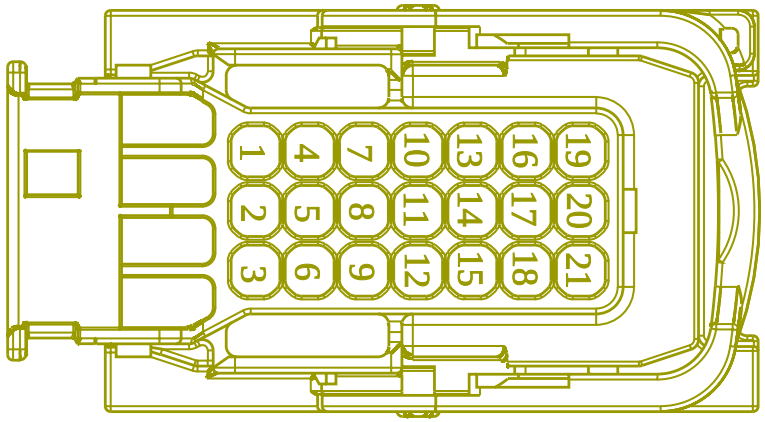
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	P14H	-	0.0	18.0	-	RED	0.0	-	B	P86_6800
2	-	-	P13B	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
3	-	-	P11B	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
5	-	-	WIRE825826	-	0.0	-	-	-	0.0	-	1	P86_6056F
6	-	-	WIRE825825	-	0.0	-	-	-	0.0	-	2	P86_6056F
7	-	-	WIRE825833	-	0.0	-	-	-	0.0	-	PIN1	-
8	-	-	WIRE825834	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	P86_6056F
Part Number	3572900C1
Instances	Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1 Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2 Engine Speed Control (ePTO):Diagram2 HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
Mates	P101_6056M



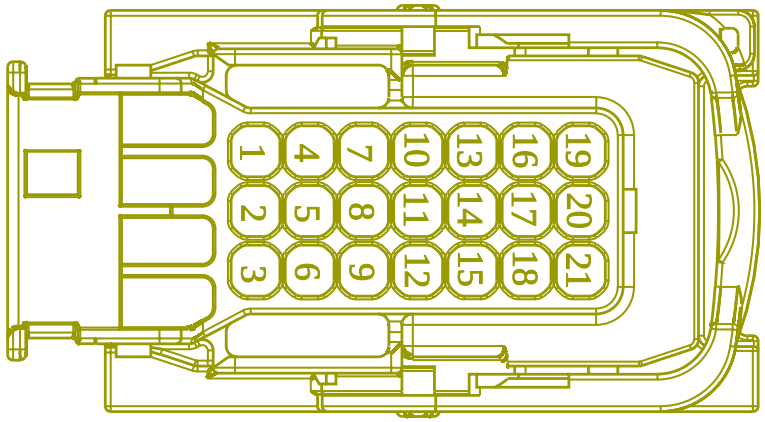
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	WIRE825826	-	0.0	-	-	-	0.0	-	5	P86_6000F
2	-	-	WIRE825825	-	0.0	-	-	-	0.0	-	6	P86_6000F
3	-	-	WIRE825828	-	0.0	-	-	-	0.0	-	PIN1	-
4	-	-	WIRE825827	-	0.0	-	-	-	0.0	-	PIN1	-
5	-	-	P13A	-	0.0	14.0	-	PINK	0.0	-	PIN1	-

Connector Name	P86_6084
Part Number	4357488C1
Instances	Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2 HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
Mates	DEV-SECOND_12V_DC/DC_CONVE RTER-01



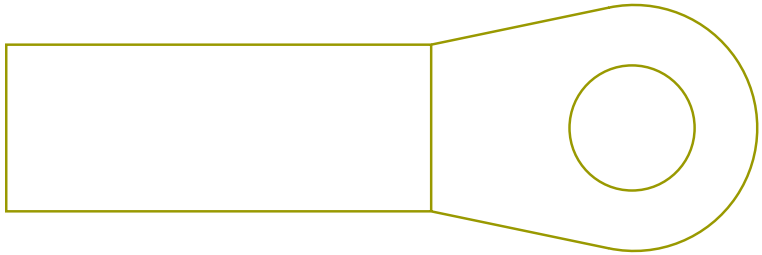
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	WIRE825831	-	0.0	-	-	-	0.0	-	PIN1	-
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	WIRE825832	-	0.0	-	-	-	0.0	-	PIN1	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	P14J	-	0.0	16.0	-	RED	0.0	-	B	P86_6700
6	-	-	P11F	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
7	-	-	P13G	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
10	-	-	P14F	-	0.0	16.0	-	RED	0.0	-	PIN1	-
11	-	-	P11D	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
17	-	-	P13H	-	0.0	18.0	-	PINK	0.0	-	PIN1	-

Connector Name	P86_6085
Part Number	4357488C1
Instances	Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1 HV Controls J1939 with InMotion DC/DC 0008WUM:Diagram1
Mates	DEV-12V_DC/DC_CONVERTER-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	WIRE825829	-	0.0	-	-	-	0.0	-	PIN1	-
1	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	WIRE825830	-	0.0	-	-	-	0.0	-	PIN1	-
2	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	P14K	-	0.0	16.0	-	RED	0.0	-	B	P86_6701
5	-	-	P12A	-	0.0	18.0	-	BLACK	0.0	-	12	P86_6085
6	-	-	P11G	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
7	-	-	P13E	-	0.0	18.0	-	PINK	0.0	-	PIN1	-
10	-	-	P14G	-	0.0	16.0	-	RED	0.0	-	PIN1	-
11	-	-	P11E	-	0.0	16.0	-	WHITE	0.0	-	PIN1	-
12	-	-	P12A	-	0.0	18.0	-	BLACK	0.0	-	5	P86_6085
17	-	-	P13F	-	0.0	18.0	-	PINK	0.0	-	PIN1	-

Connector Name	P86_6100
Part Number	3866817C1
Instances	Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1 Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2
Mates	12 Volt

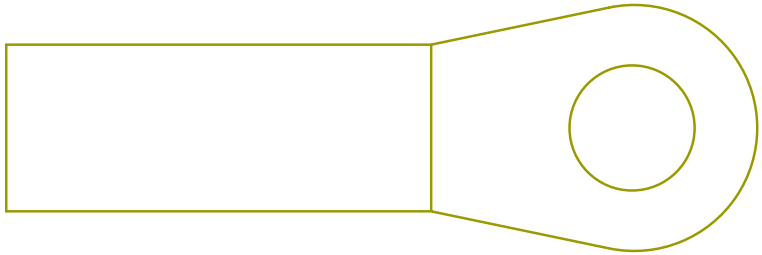


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	P14E	-	0.0	12.0	-	RED	0.0	-	PIN1	-

Connector Name P86_6101

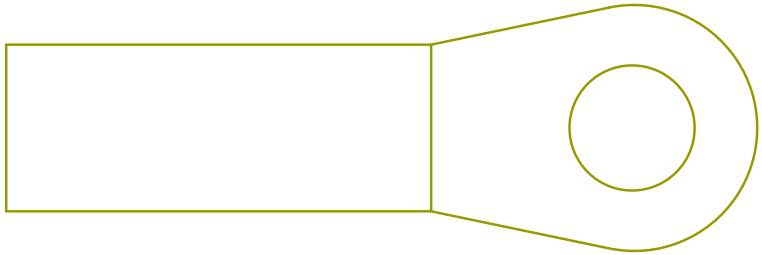
Part Number 3866817C1

Instances Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1
Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2
Engine Speed Control (ePTO):Diagram1



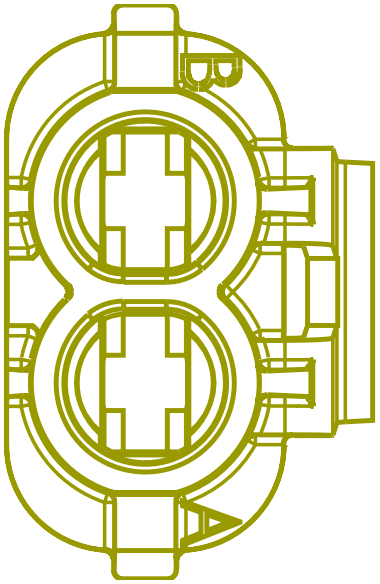
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	P11A	-	0.0	12.0	-	WHITE	0.0	-	PIN1	-

Connector Name	P86_6200
Part Number	3866817C1
Instances	12v Battery Disconnect (Switch Only):Diagram1 Engine Speed Control (ePTO):Diagram1
Mates	DEV-Battery_Disconnect_Swi tch-01



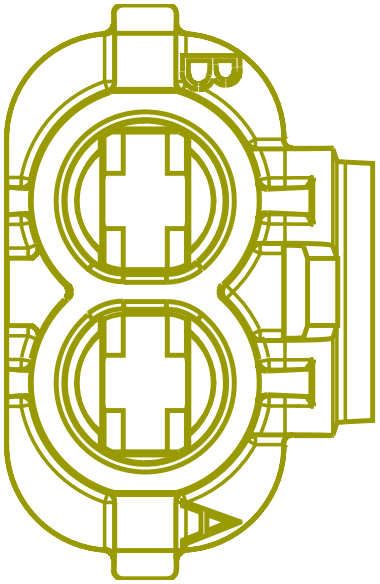
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	P14A	-	0.0	12.0	-	RED	0.0	-	PIN1	-

Connector Name	P86_6700
Part Number	4169320C1
Instances	Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2
Mates	7.5 AMP



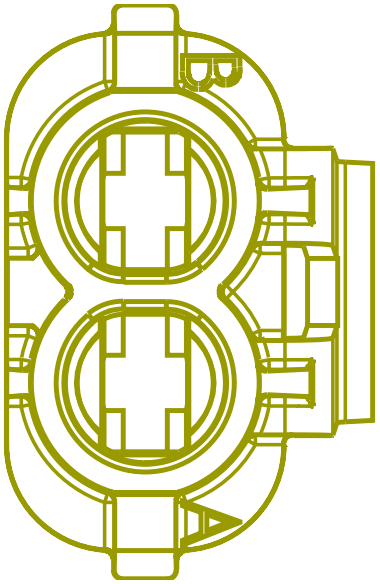
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	P14D	-	0.0	16.0	-	RED	0.0	-	-	-
B	-	-	P14J	-	0.0	16.0	-	RED	0.0	-	3	P86_6084

Connector Name	P86_6701
Part Number	4169320C1
Instances	Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1



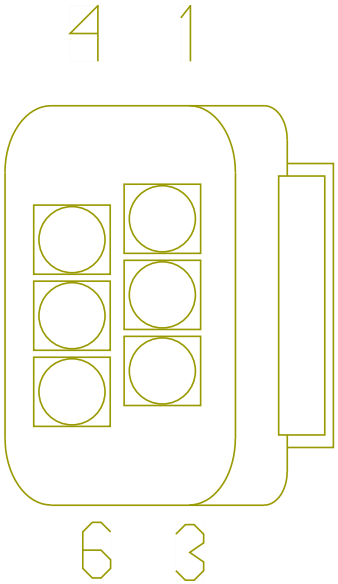
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	P14C	-	0.0	16.0	-	RED	0.0	-	-	-
B	-	-	P14K	-	0.0	16.0	-	RED	0.0	-	3	P86_6085

Connector Name	P86_6800
Part Number	4169320C1
Instances	Engine Speed Control (ePTO):Diagram1
Mates	10 AMP



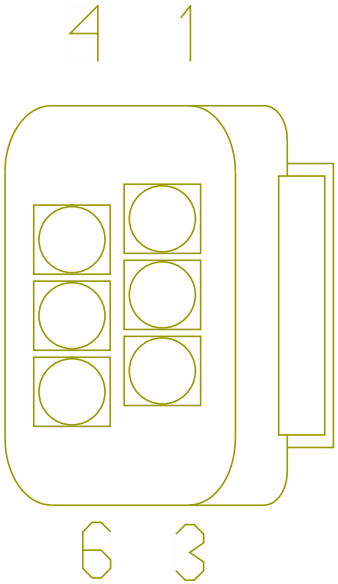
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	P14B	-	0.0	18.0	-	RED	0.0	-	PIN1	-
B	-	-	P14H	-	0.0	18.0	-	RED	0.0	-	1	P86_6000F

Connector Name	P9Z_8000F
Part Number	3612305C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Directional Signals (Turn) (LED CAN) W/O Plow Lights, W/O Fender Lights:Diagram1 Headlights (LED CAN) W/O Plow Lights:Diagram1 Marker Lighting (LED CAN Headlamp) N/Plow Lts, N/Fender Lts, N/Guide Posts:Diagram1
Mates	M01_8001



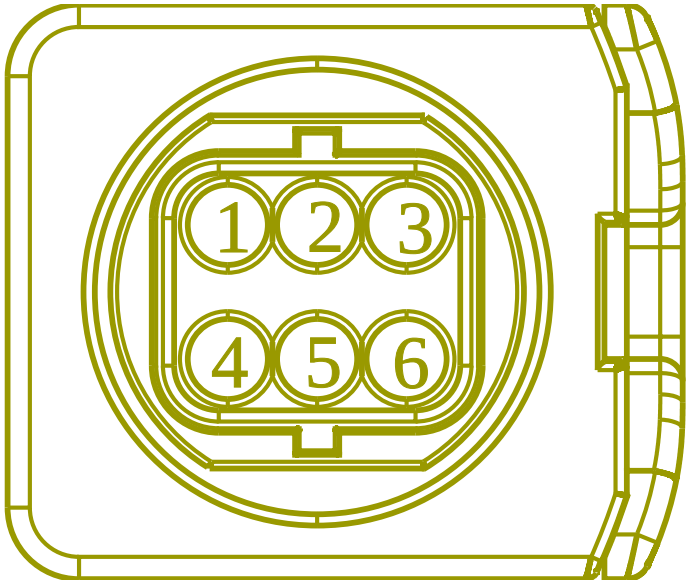
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	U14	-	0.0	16.0	-	RED	0.0	-	1	P9Z_8000
1	-	-	U14	-	0.0	16.0	-	RED	0.0	-	1	P9Z_8000F
2	-	-	U11-G	-	0.0	16.0	-	WHITE	0.0	-	-	-
2	-	-	U11-G	-	0.0	16.0	-	WHITE	0.0	-	2	P9Z_8000F
3	-	-	U13	-	0.0	16.0	-	PINK	0.0	-	3	P9Z_8000
3	-	-	U13	-	0.0	16.0	-	PINK	0.0	-	3	P9Z_8000F
4	-	-	WIRE775921	-	0.0	-	-	-	0.0	-	4	P9Z_8000
5	-	-	WIRE775920	-	0.0	-	-	-	0.0	-	5	P9Z_8000

Connector Name	P9Z_8000F
Part Number	3612305C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Directional Signals (Turn) (LED CAN) W/O Plow Lights, W/O Fender Lights:Diagram1 Headlights (LED CAN) W/O Plow Lights:Diagram1 Marker Lighting (LED CAN Headlamp) N/Plow Lts, N/Fender Lts, N/Guide Posts:Diagram1
Mates	M01_8000



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	U14	-	0.0	16.0	-	RED	0.0	-	-	-
1	-	-	U14	-	0.0	16.0	-	RED	0.0	-	1	P9Z_8000F
2	-	-	U11-G	-	0.0	16.0	-	WHITE	0.0	-	2	P9Z_8000
2	-	-	U11-G	-	0.0	16.0	-	WHITE	0.0	-	2	P9Z_8000F
3	-	-	U13	-	0.0	16.0	-	PINK	0.0	-	-	-
3	-	-	U13	-	0.0	16.0	-	PINK	0.0	-	3	P9Z_8000F
4	-	-	WIRE775919	-	0.0	-	-	-	0.0	-	4	P9Z_8000
5	-	-	WIRE775918	-	0.0	-	-	-	0.0	-	5	P9Z_8000

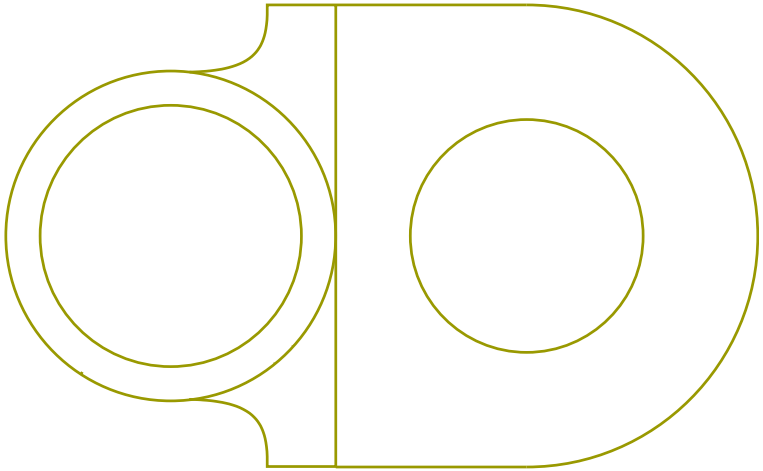
Connector Name	P9Z_8000
Part Number	4140239C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Daytime Running Lights W/CAN Headlamps:Diagram1 Directional Signals (Turn) (LED CAN) W/O Plow Lights, W/O Fender Lights:Diagram1 Headlights (LED CAN) W/O Plow Lights:Diagram1 Marker Lighting (LED CAN Headlamp) N/Plow Lts, N/Fender Lts, N/Guide Posts:Diagram1
Mates	DEV-LH_HEADLIGHT_LEDCAN-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	U14	-	0.0	16.0	-	RED	0.0	-	1	P9Z_8000F
1	-	-	U14	-	0.0	16.0	-	RED	0.0	-	-	-
2	-	-	U11-G	-	0.0	16.0	-	WHITE	0.0	-	2	P9Z_8000F
2	-	-	U11-G	-	0.0	16.0	-	WHITE	0.0	-	-	-
3	-	-	U13	-	0.0	16.0	-	PINK	0.0	-	3	P9Z_8000F
3	-	-	U13	-	0.0	16.0	-	PINK	0.0	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	WIRE775919	-	0.0	-	-	-	0.0	-	4	P9Z_8000F
4	-	-	WIRE775921	-	0.0	-	-	-	0.0	-	4	P9Z_8000F
5	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	WIRE775918	-	0.0	-	-	-	0.0	-	5	P9Z_8000F

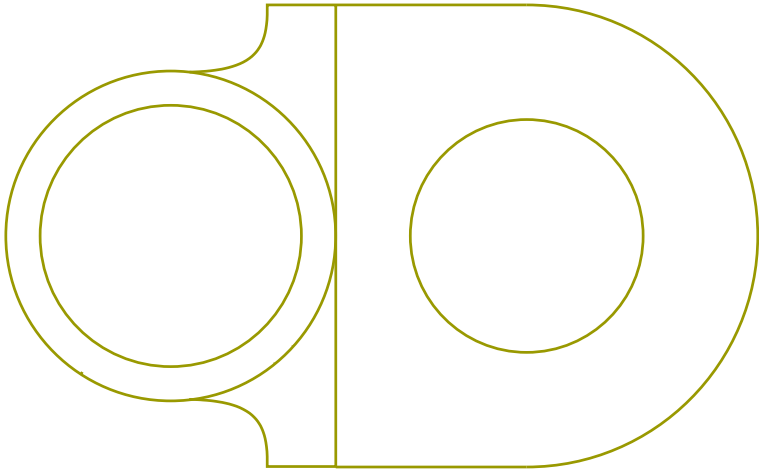
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
5	-	-	WIRE775920	-	0.0	-	-	-	0.0	-	5	P9Z_8000F

Connector Name Ring Terminal
Part Number 2241300C1
Instances 12v Battery Disconnect (Switch Only):Diagram1



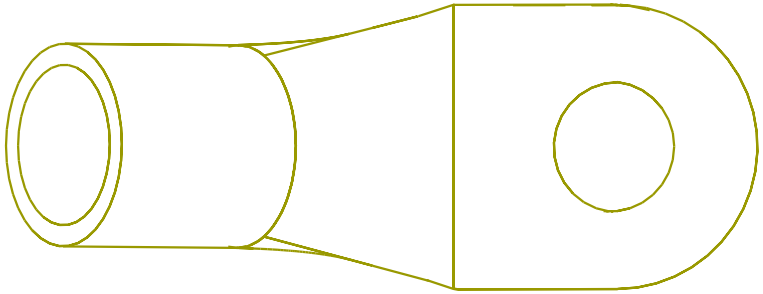
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2N2JR1225	2645965R1	61.89	0.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241300C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	DEV-Battery_Disconnect_Swi tch-01



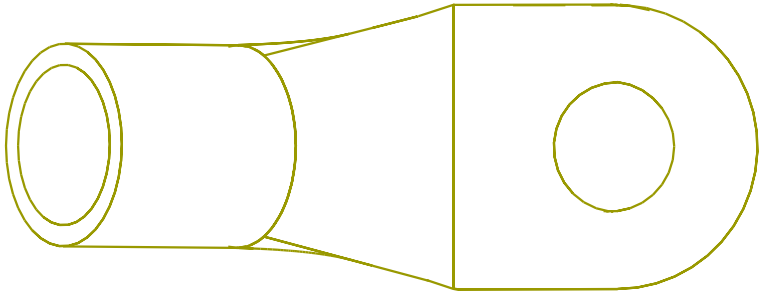
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	R2N2JR1225	2645965R1	61.89	0.0	SGXNFLEX125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241309C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	12V BATTERY



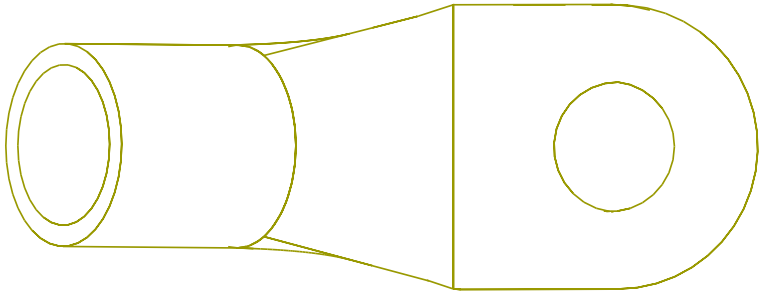
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	R4H2DR5042	2645970R1	101.95	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241309C1
Instances	12v Battery Disconnect (Switch Only):Diagram1
Mates	12V BATTERY



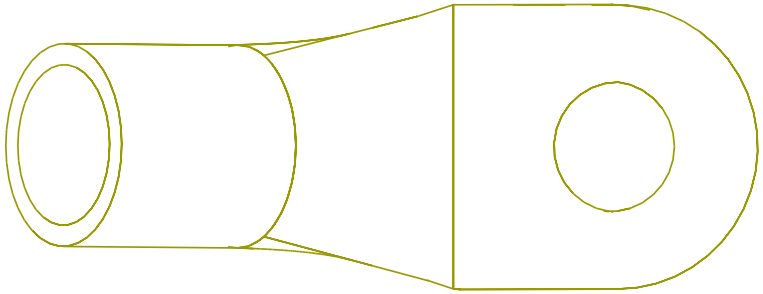
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R4H2DR5042	2645970R1	101.95	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name Ring Terminal
Part Number 2241313C1
Instances 12v Battery Disconnect (Switch Only):Diagram1



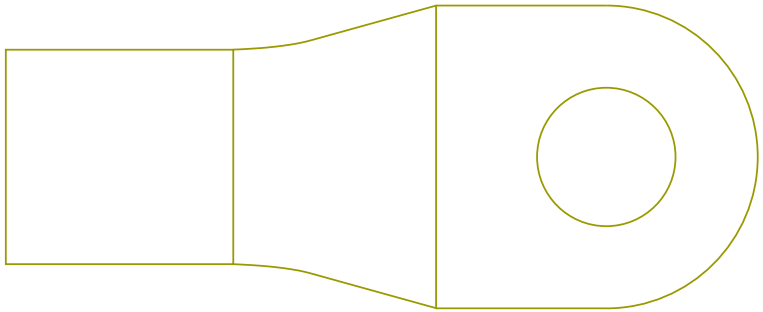
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2H28R5060	2645964R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name Ring Terminal
Part Number 2241314C1
Instances Engine Speed Control (ePTO):Diagram1



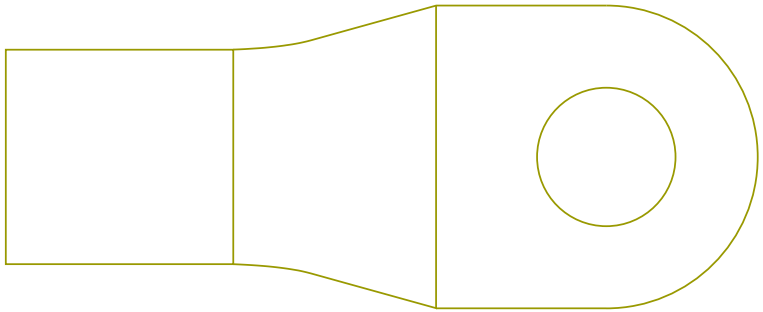
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R4H2DR5042	2645970R1	101.95	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241344C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	CP-B1-K03-1C



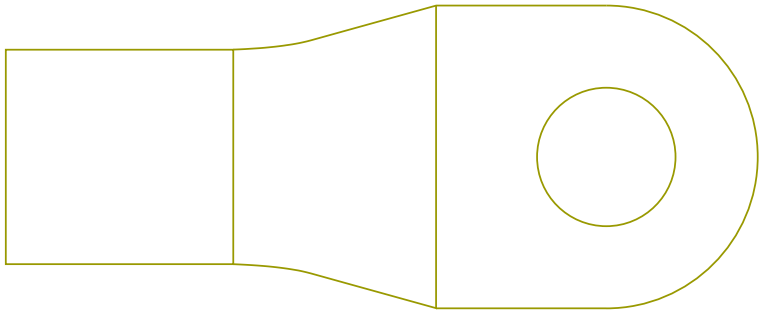
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	4253477 C93	2645961 R1	49.99	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	-	-

Connector Name	Ring Terminal
Part Number	2241344C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	CP-B1-K03-1C



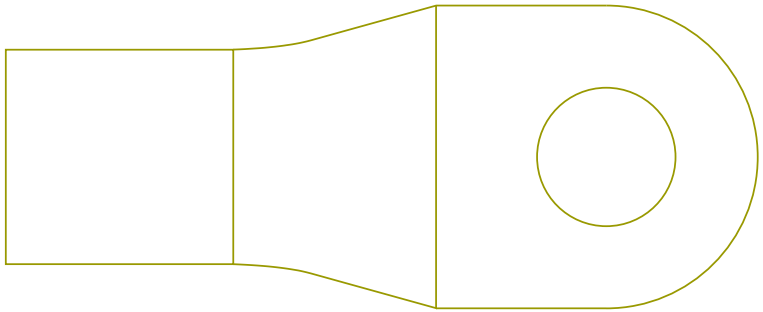
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	4253477 C93	2645961 R1	49.99	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	-	-

Connector Name	Ring Terminal
Part Number	2241345C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS BAR_4154823C91



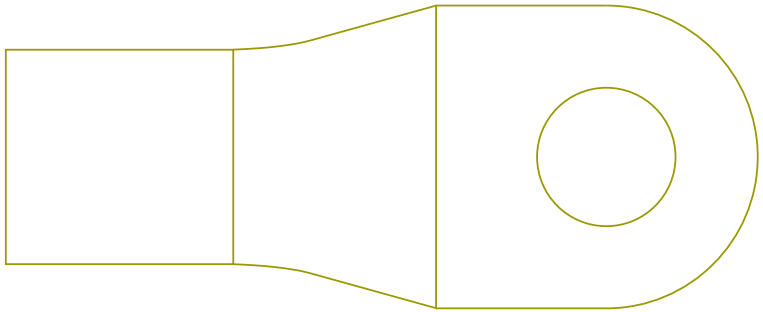
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2N22R1266	2645965 R1	61.89	0.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241345C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS BAR_4154823C91



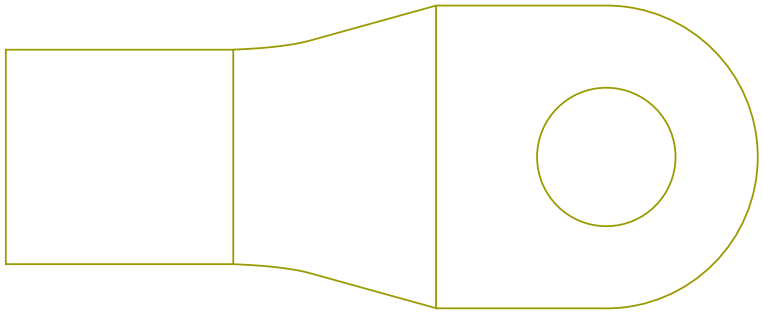
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2N2JR1225	2645965R1	61.89	0.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241345C1
Instances	12v Battery Disconnect (Switch Only):Diagram1
Mates	BUS BAR_4154823C91



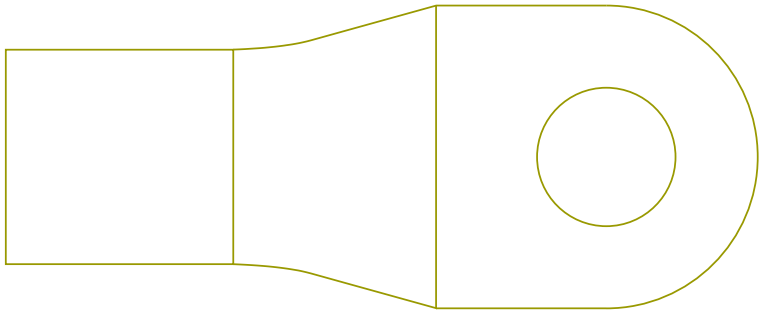
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2N2JR1225	2645965R1	61.89	0.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241345C1
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1
Mates	BUS BAR_4441268C91



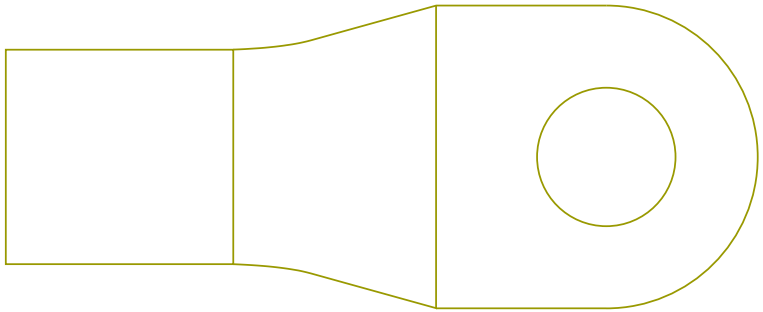
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	R2H2MR1033	2645964R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241345C1
Instances	12v Battery Disconnect (Switch Only):Diagram1
Mates	BUS BAR_4441268C91



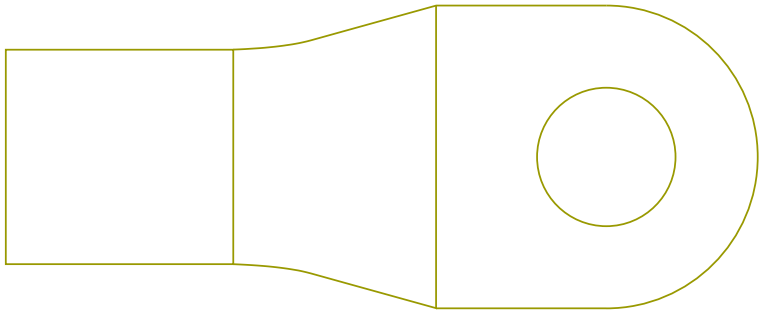
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2H2MR1033	2645964R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	-	-

Connector Name	Ring Terminal
Part Number	2241345C1
Instances	12v Battery Disconnect (Switch Only):Diagram1
Mates	BUS BAR_4441268C91



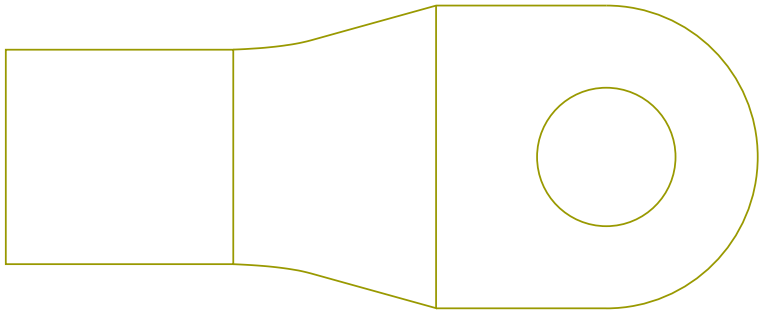
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2H28R5060	2645964R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241345C1
Instances	Engine Speed Control (ePTO):Diagram1
Mates	DEV-Battery_Disconnect_Swi tch-01



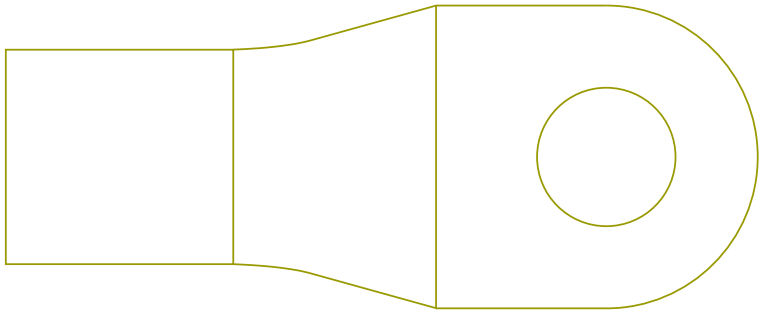
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	R4H2DR5042	2645970R1	101.95	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241345C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	12V BATTERY



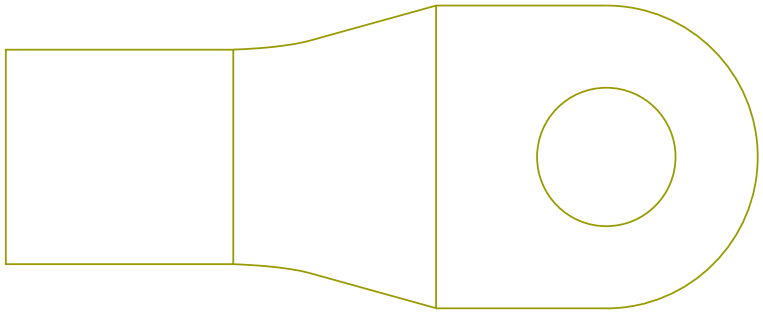
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2N22R1266	2645965R1	61.89	0.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241346C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)



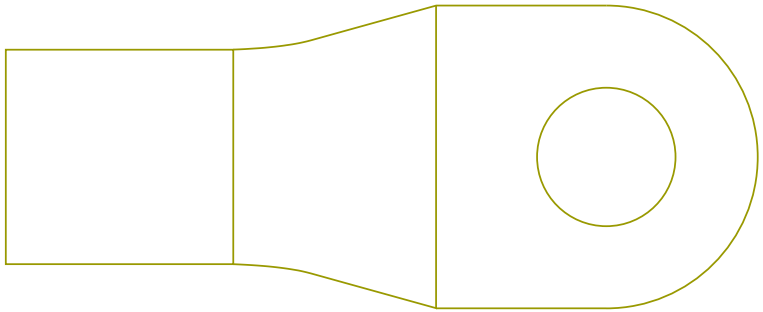
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	R2H33R1030	2645964R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name Ring Terminal
Part Number 2241346C1
Instances 12v Battery Disconnect (Switch Only):Diagram1



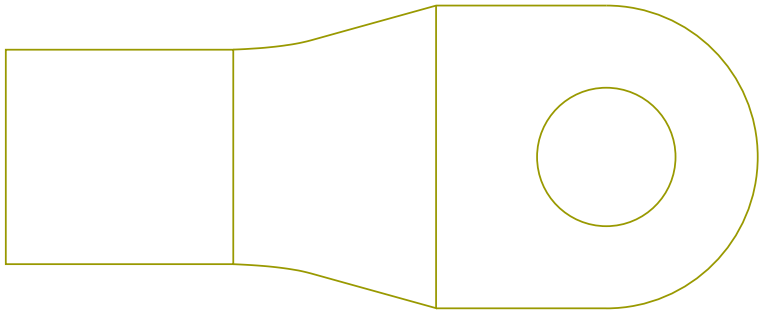
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2N33R1083	2645965R1	61.89	0.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name Ring Terminal
Part Number 2241346C1
Instances 12v Battery Disconnect (Switch Only):Diagram1



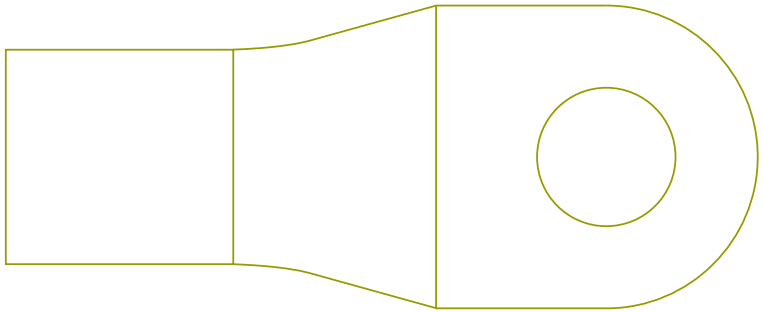
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2H33R1030	2645964R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241346C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS BAR_4154823C91



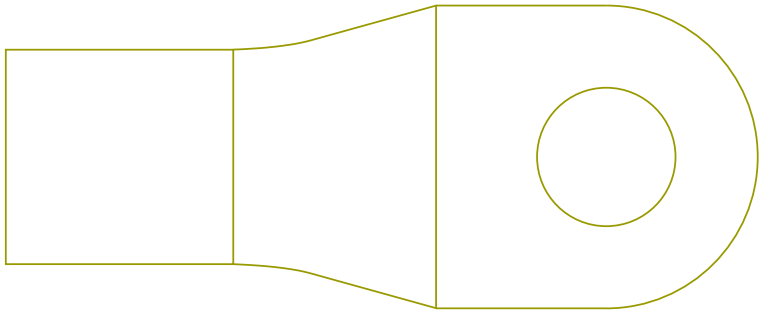
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	R2H33R1030	2645964R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241346C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS BAR_4154823C91



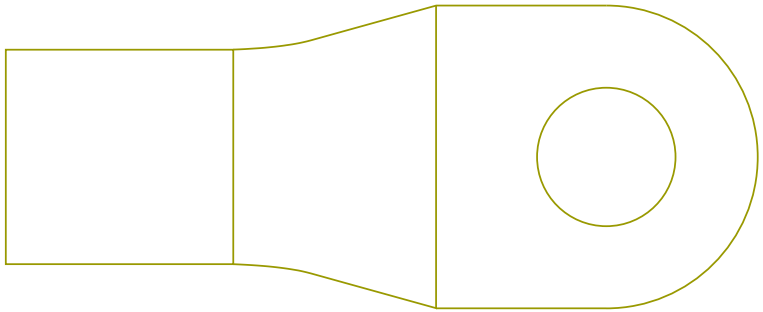
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2H33R1030	2645964R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241346C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS BAR_4154823C91



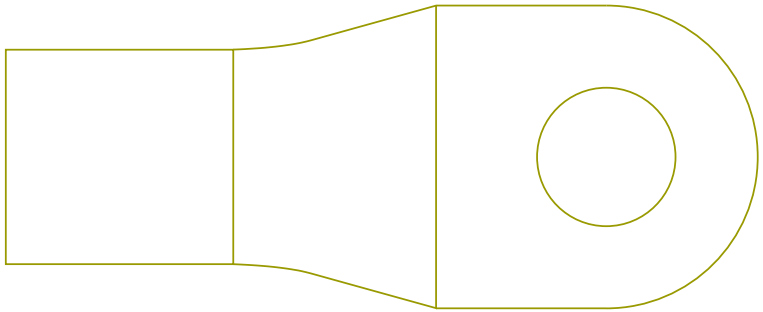
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	R2N33R1083	2645965R1	61.89	0.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241346C1
Instances	12v Battery Disconnect (Switch Only):Diagram1
Mates	BUS BAR_4154823C91



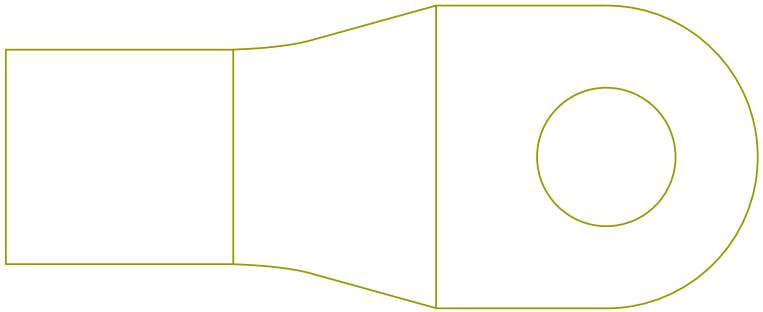
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2N33R1083	2645965R1	61.89	0.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241346C1
Instances	12v Battery Disconnect (Switch Only):Diagram1
Mates	BUS BAR_4154823C91



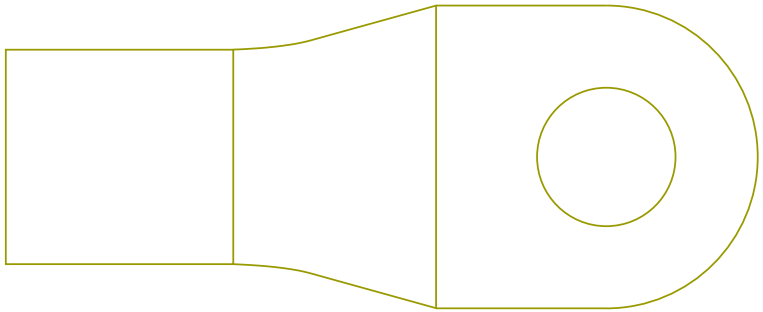
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2H33R1030	2645964R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241346C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS-PDM 1_VCU_PDM_DIRTY



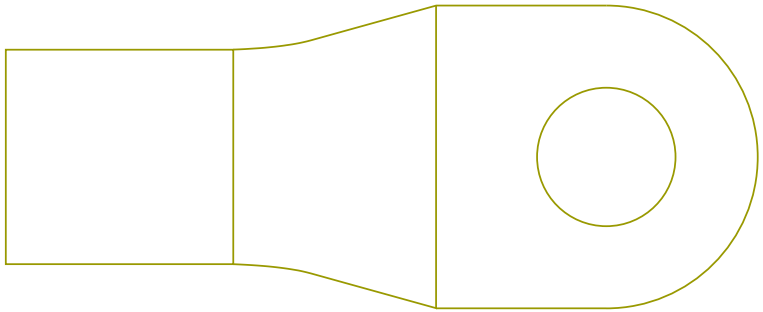
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R233R1083	2645965R1	61.89	0.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241346C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS-PDM 1_VCU_PDM_DIRTY



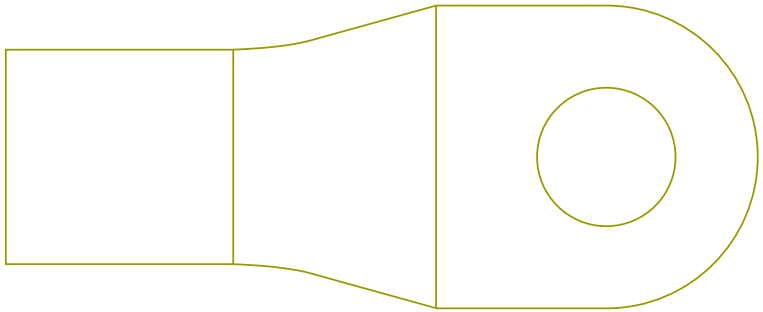
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2N33R1083	2645965R1	61.89	0.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241346C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS-PDM 2_UNDERHOOD_PDM_DIRTY



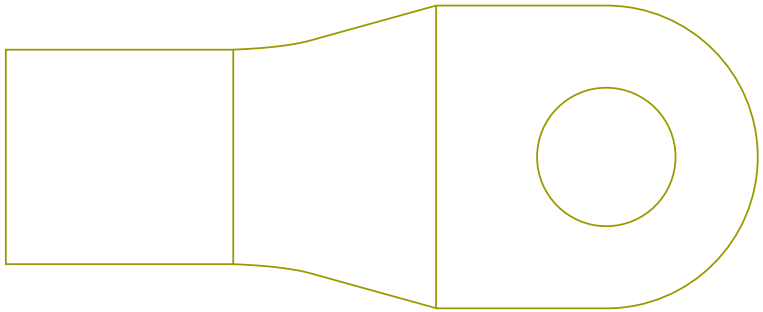
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	R233R1083	2645965R1	61.89	0.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241346C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS-PDM 2_UNDERHOOD_PDM_DIRTY



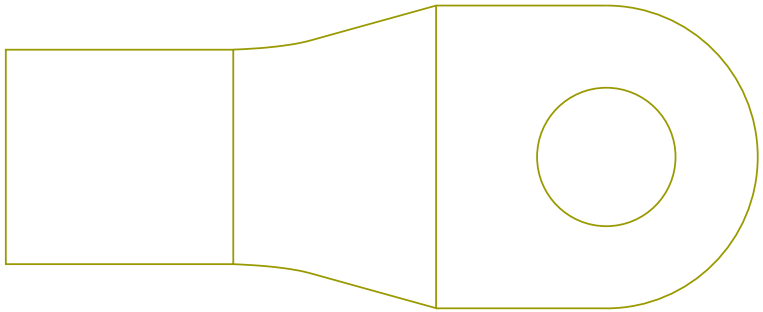
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	R2H33R1030	2645964R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241349C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	DEV-Battery_Disconnect_Swi tch-01



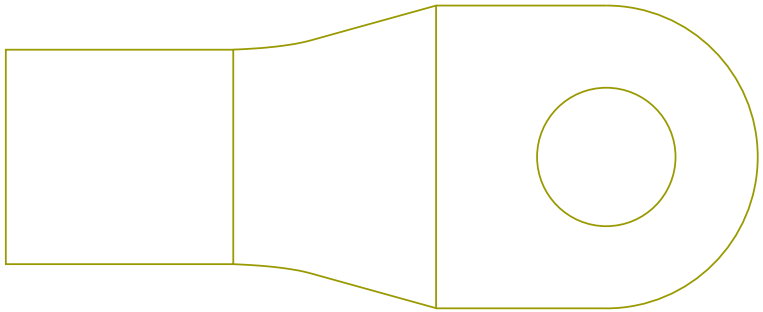
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	R4H2DR5042	2645970R1	101.95	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241349C1
Instances	12v Battery Disconnect (Switch Only):Diagram1
Mates	DEV-Battery_Disconnect_Swi tch-01



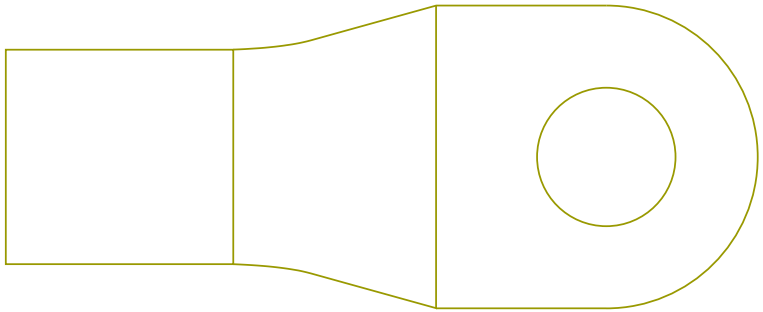
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	R4H2DR5042	2645970R1	101.95	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241358C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS-PDM 1_VCU_PDM_CLEAN



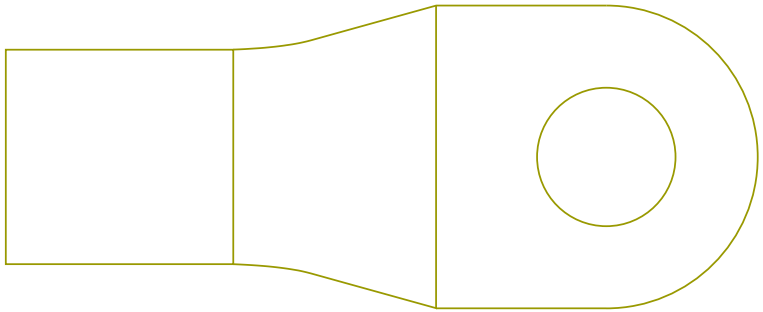
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	4252908 C93	2645950 R1	12.52	6.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241358C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS-PDM 1_VCU_PDM_CLEAN



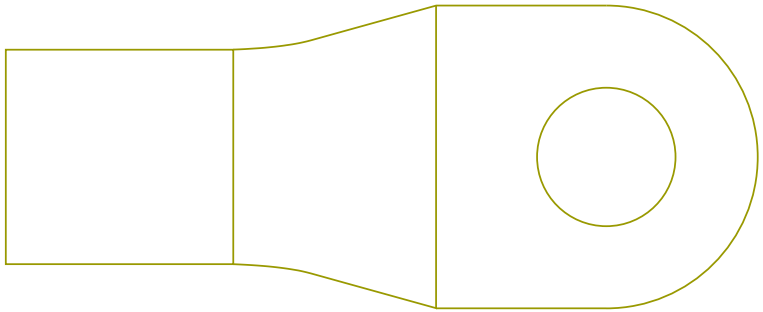
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	4252908C93	2645950R1	12.52	6.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241358C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS-PDM 1_VCU_PDM_DIRTY



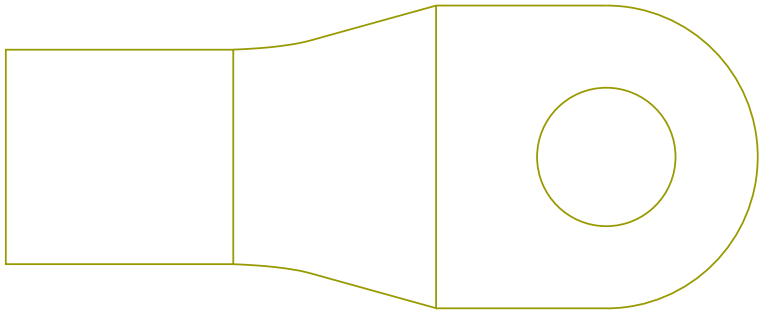
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	4252908 C93	2645950 R1	12.52	6.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241358C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS-PDM 1_VCU_PDM_DIRTY



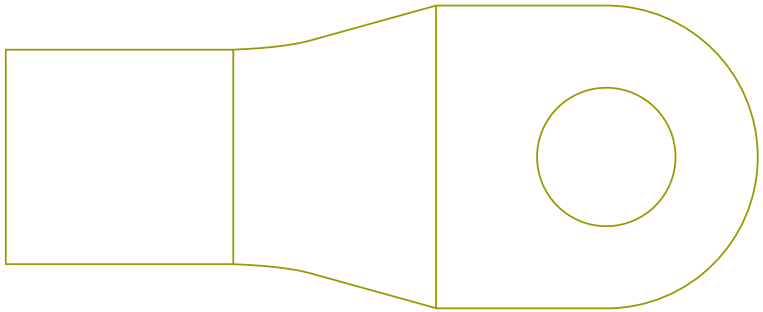
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	4252908C93	2645950R1	12.52	6.0	SGX NFLEX 125	RED	0.0	-	A	Ring Terminal

Connector Name	Ring Terminal
Part Number	2241358C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS-PDM 2_UNDERHOOD_PDM_CLEAN



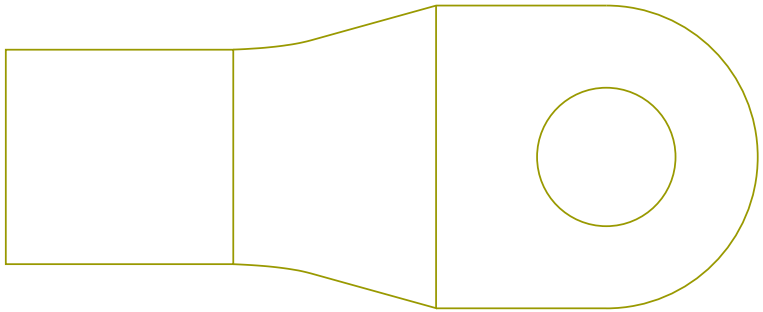
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	4252908 C93	2645950 R1	12.52	6.0	SGX NFLEX 125	RED	0.0	-	-	-

Connector Name	Ring Terminal
Part Number	2241358C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS-PDM 2_UNDERHOOD_PDM_CLEAN



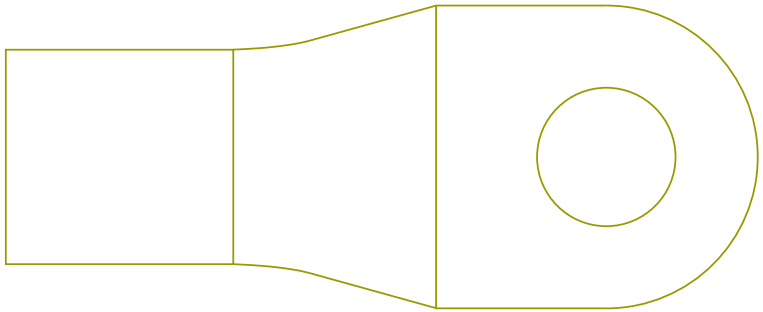
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	4252908 C93	2645950 R1	12.52	6.0	SGX NFLEX 125	RED	0.0	-	-	-

Connector Name	Ring Terminal
Part Number	2241358C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS-PDM 2_UNDERHOOD_PDM_DIRTY



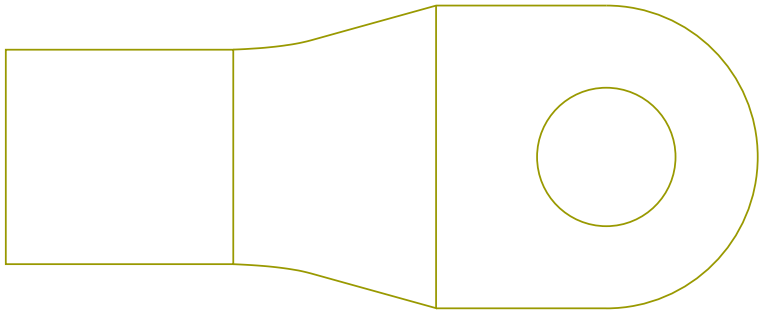
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	4252908 C93	2645950 R1	12.52	6.0	SGX NFLEX 125	RED	0.0	-	-	-

Connector Name	Ring Terminal
Part Number	2241358C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	BUS-PDM 2_UNDERHOOD_PDM_DIRTY



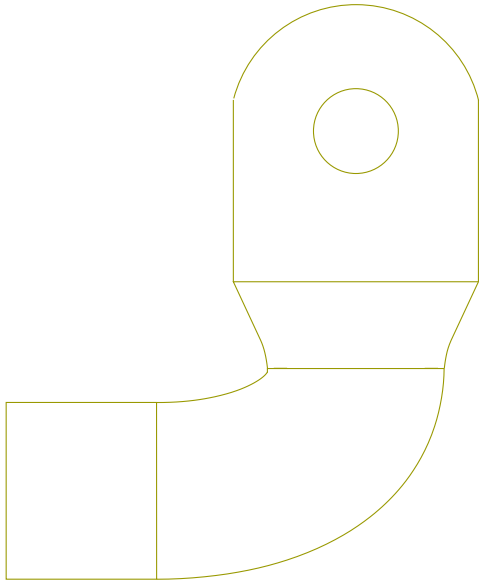
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	4252908C93	2645950R1	12.52	6.0	SGX NFLEX 125	RED	0.0	-	-	-

Connector Name	Ring Terminal
Part Number	2241361C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram1 - HVAC
Mates	DEV-RADIATOR_MODULE-01



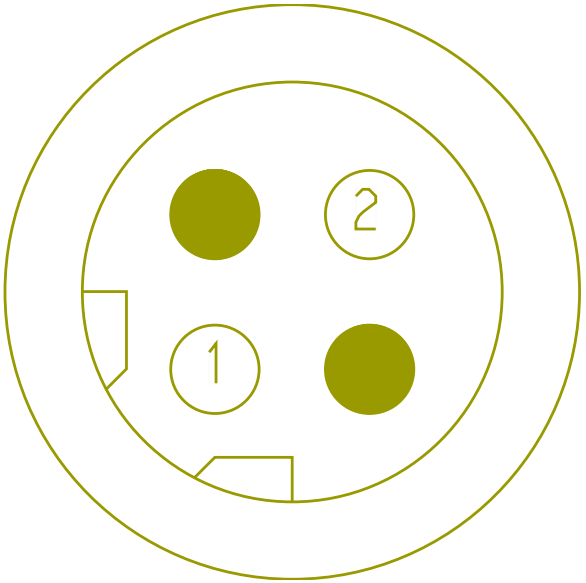
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	4253477 C93	2645961 R1	49.99	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	-	-

Connector Name	Ring Terminal
Part Number	2241434C1
Instances	Battery Box Optional PDM for Lift Gate - 08VBA & 08VVM:Diagram1
Mates	OPTIONAL PDM



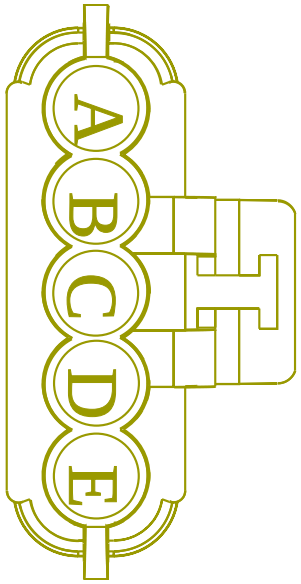
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	R2H2MR1033	2645964R1	61.89	0.0	Std. Wall 125C Battery Cable	RED	0.0	-	A	Ring Terminal

Connector Name	R01_4950
Part Number	3678796C1
Instances	Traction Control (Bendix, VCU):Diagram1
Mates	DEV-TRACTION_SOL-01



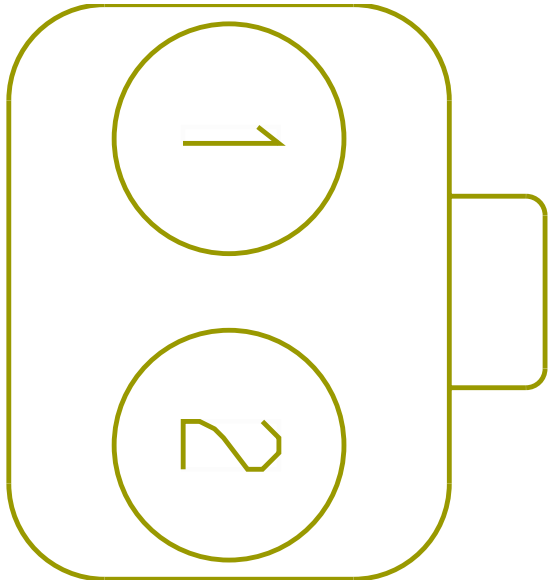
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	94BD	-	0.0	16.0	-	BROWN	0.0	-	1	9800
2	-	-	94BE	-	0.0	16.0	-	GREY	0.0	-	-	-

Connector Name	R01_9303A
Part Number	1661375C2
Instances	Backup Alarm (From Relay to 5 Pin Daisy Chain. Backup Alarm Plugs in):Diagram1 Backup Light (W/VCU) Dual Daisy Reverse Light:Diagram1 License Plate Light (LED BOX LAMP Daisy Chain Tail Light):Diagram1 Rear Lights (Stop) (W/VCU) W/Daisy Chain:Diagram1
Mates	DEV-DAISY_CHAIN_TAIL_LEFT_ LAMP-02



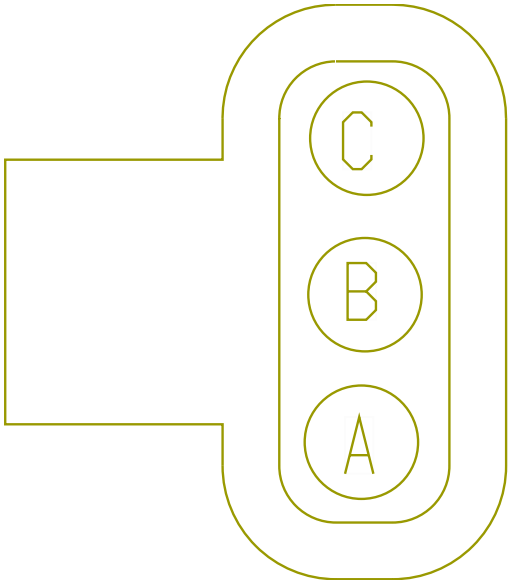
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	71	2643690 R1	1.91	14.0	Std. Wall XLPE Primary Cable	ORANGE	190.0	-	1	R01_9800
A	-	-	71	-	0.0	14.0	-	ORANGE	0.0	-	1	R01_9800
B	-	-	56	2643690 R1	1.91	14.0	Std. Wall XLPE Primary Cable	ORANGE	740.0	-	-	-
C	-	-	57	2643690 R1	1.91	14.0	Std. Wall XLPE Primary Cable	ORANGE	1390.0	-	3	R01_9800
D	-	-	68	-	0.0	14.0	-	BROWN	0.0	-	-	-
E	-	-	10-G	-	0.0	12.0	-	WHITE	0.0	-	12	N03_9800
E	-	-	10-G	-	0.0	12.0	-	WHITE	0.0	-	12	R01_9800

Connector Name	R01_9501
Part Number	3539777C1
Instances	Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1
Mates	DEV-Wheel_Drive_Axle_Left_ SNSR-01



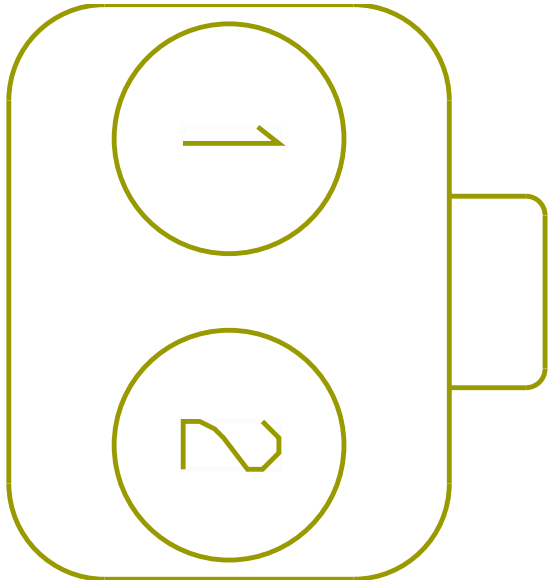
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	94A	-	0.0	16.0	-	GREY	0.0	-	-	-
2	-	-	94B	-	0.0	16.0	-	ORANGE	0.0	-	14	R01_9800

Connector Name	R01_9502
Part Number	1686834C1
Instances	Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1
Mates	DEV-LH_DA_VALVE-01



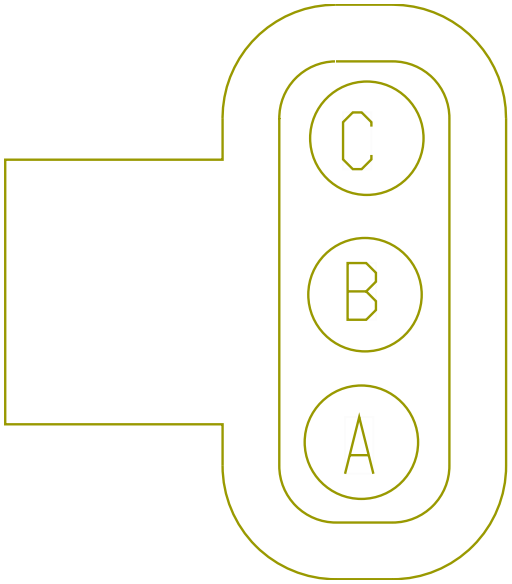
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	94E	-	0.0	16.0	-	GREY	0.0	-	-	-
B	-	-	94F	-	0.0	16.0	-	RED	0.0	-	18	R01_9800
C	-	-	94H	-	0.0	16.0	-	GREY	0.0	-	-	-

Connector Name	R01_9503
Part Number	3539777C1
Instances	Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1
Mates	DEV-Wheel_Drive_Axle_Right _SNSR-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	94C	-	0.0	16.0	-	GREY	0.0	-	-	-
2	-	-	94D	-	0.0	16.0	-	GREY	0.0	-	-	-

Connector Name	R01_9504
Part Number	1686834C1
Instances	Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1
Mates	DEV-RH_DA_VALVE-01

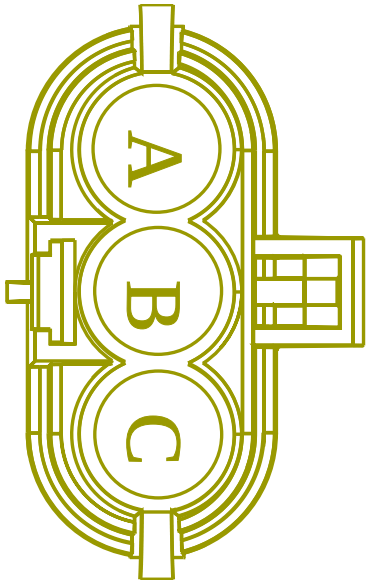


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	94J	-	0.0	16.0	-	GREY	0.0	-	-	-
B	-	-	94K	-	0.0	16.0	-	GREY	0.0	-	-	-
C	-	-	94L	-	0.0	16.0	-	LIGHT BLUE	0.0	-	22	R01_9800

Connector Name	R01_9555R
Part Number	1661259C1
Instances	Vehicle Sound Generator:Diagram1
Mates	DEV-SOUND_GEN_REAR_SPEAKER -01

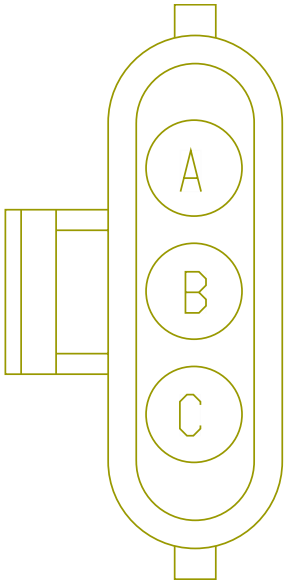
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	86CB	-	0.0	18.0	-	LIGHT GREEN	0.0	-	-	-
B	-	-	86DB	-	0.0	18.0	-	LIGHT GREEN	0.0	-	-	-

Connector Name	R01_9715F1
Part Number	1667732C1
Instances	Body Builder Aux Power (IGN Power, EOF, Blunt Cut):Diagram1 Body Builder Lighting - (8HAA) (Blunt Cut):Diagram1
Mates	N03_9715



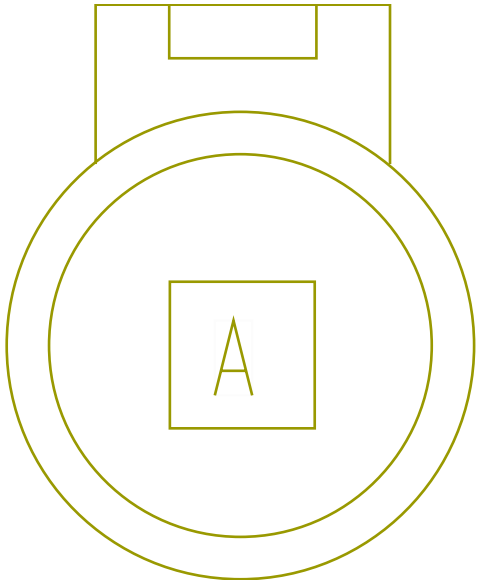
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	70	-	0.0	10.0	-	RED	0.0	-	E	R01_9724A
B	-	-	68A	-	0.0	10.0	-	BROWN	0.0	-	F	R01_9724A
C	-	-	94AAB	-	0.0	10.0	-	GREY	0.0	-	G	R01_9724A

Connector Name R01_9716M1
Part Number 1667733C1
Instances Body Builder Lighting - (8HAA) (Blunt Cut):Diagram1
Mates N03_9716



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	58	-	0.0	10.0	-	BROWN	0.0	-	B	R01_9724A
B	-	-	56A	-	0.0	10.0	-	YELLOW 2	0.0	-	C	R01_9724A
C	-	-	57A	-	0.0	10.0	-	LIGHT GREEN	0.0	-	D	R01_9724A

Connector Name	R01_9717F1
Part Number	3537133C1
Instances	Body Builder Lighting - (8HAA) (Blunt Cut):Diagram1
Mates	N03_9717

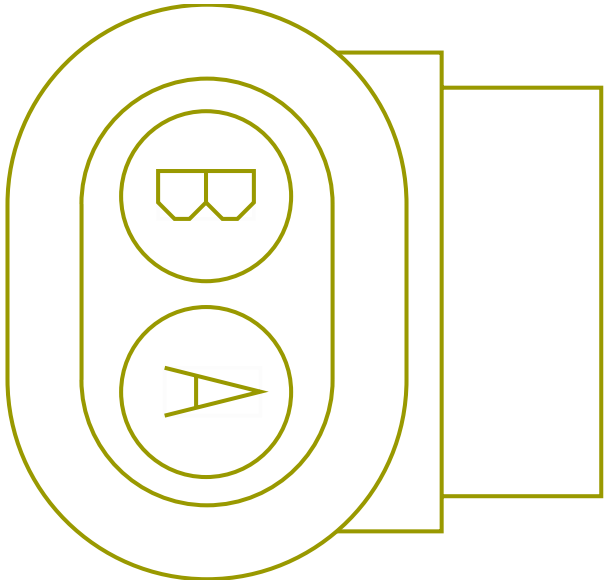


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	10	-	0.0	8.0	-	WHITE	0.0	-	A	R01_9724A

Connector Name	R01_9724A
Part Number	BLUNT_SL_VC
Instances	Body Builder Aux Power (IGN Power, EOF, Blunt Cut):Diagram1 Body Builder Lighting - (8HAA) (Blunt Cut):Diagram1
Mates	BLNT-BODY_BUILDER-01

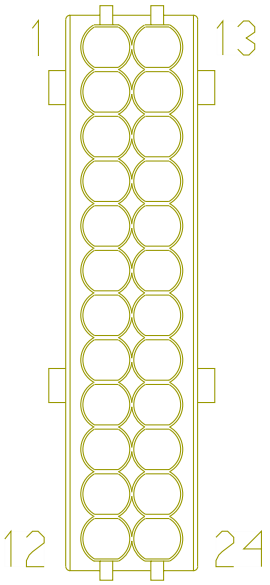
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A	-	-	10	-	0.0	8.0	-	WHITE	0.0	-	A	R01_9717F1
B	-	-	58	-	0.0	10.0	-	BROWN	0.0	-	A	R01_9716M1
C	-	-	56A	-	0.0	10.0	-	YELLOW 2	0.0	-	B	R01_9716M1
D	-	-	57A	-	0.0	10.0	-	LIGHT GREEN	0.0	-	C	R01_9716M1
E	-	-	70	-	0.0	10.0	-	RED	0.0	-	A	R01_9715F1
F	-	-	68A	-	0.0	10.0	-	BROWN	0.0	-	B	R01_9715F1
G	-	-	94AAB	-	0.0	10.0	-	GREY	0.0	-	C	R01_9715F1

Connector Name	R01_9767
Part Number	1661778C1
Instances	End of Frame Aux Work Light (One Light N/Relay):Diagram1
Mates	W01_9719



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	65	-	0.0	16.0	-	ORANGE	0.0	-	-	-
B	-	-	65-G	-	0.0	16.0	-	WHITE	0.0	-	8	9800

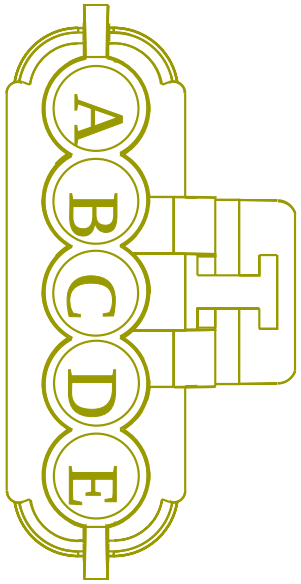
Connector Name	R01_9800
Part Number	3558022C1
Instances	Antilock Brake System (ABS) (BENDIX 4 Channel Implemenation - No Modulator Twist):Diagram1 Backup Alarm (From Relay to 5 Pin Daisy Chain. Backup Alarm Plugs in):Diagram1 Backup Light (W/VCU) Dual Daisy Reverse Light:Diagram1 License Plate Light (LED BOX LAMP Daisy Chain Tail Light):Diagram1 Rear Lights (Stop) (W/VCU) W/Daisy Chain:Diagram1 Vehicle Sound Generator:Diagram1
Mates	N03_9800



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	71	2643690 R1	1.91	14.0	Std. Wall XLPE Primary Cable	ORANGE	190.0	-	A	R01_9303A
1	-	-	71	-	0.0	14.0	-	ORANGE	0.0	-	A	R01_9303A
2	-	-	56	2643690 R1	1.91	14.0	Std. Wall XLPE Primary Cable	ORANGE	740.0	-	-	-
3	-	-	57	2643690 R1	1.91	14.0	Std. Wall XLPE Primary Cable	ORANGE	1390.0	-	C	R01_9303A
4	-	-	68	-	0.0	14.0	-	BROWN	0.0	-	-	-
5	-	-	86CB	-	0.0	18.0	-	LIGHT GREEN	0.0	-	-	-

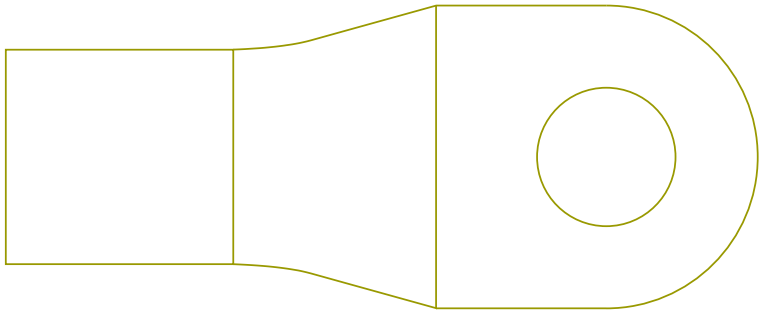
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
6	-	-	86DB	-	0.0	18.0	-	LIGHT GREEN	0.0	-	-	-
12	-	-	10-G	-	0.0	12.0	-	WHITE	0.0	-	-	-
12	-	-	10-G	-	0.0	12.0	-	WHITE	0.0	-	E	R01_9303A
13	-	-	94A	-	0.0	16.0	-	GREY	0.0	-	-	-
14	-	-	94B	-	0.0	16.0	-	ORANGE	0.0	-	2	R01_9501
15	-	-	94C	-	0.0	16.0	-	GREY	0.0	-	-	-
16	-	-	94D	-	0.0	16.0	-	GREY	0.0	-	-	-
17	-	-	94E	-	0.0	16.0	-	GREY	0.0	-	-	-
18	-	-	94F	-	0.0	16.0	-	RED	0.0	-	B	R01_9502
19	-	-	94H	-	0.0	16.0	-	GREY	0.0	-	-	-
20	-	-	94J	-	0.0	16.0	-	GREY	0.0	-	-	-
21	-	-	94K	-	0.0	16.0	-	GREY	0.0	-	-	-
22	-	-	94L	-	0.0	16.0	-	LIGHT BLUE	0.0	-	C	R01_9504

Connector Name	R80_72
Part Number	1661375C2
Instances	Rear Lights (Stop) (W/VCU) W/Daisy Chain:Diagram1
Mates	DEV-DAISY_CHAIN_TAIL_RIGHT _LAMP-02



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
C	-	-	S57B	2643687 R1	1.91	14.0	Std. Wall XLPE Primary Cable	LIGHT GREEN	1385.0	-	C	P80_71
E	-	-	S10-GC	2643689 R1	1.91	14.0	Std. Wall XLPE Primary Cable	WHITE	0.0	-	E	P80_71

Connector Name	S12_100
Part Number	4195998C1
Instances	12v Battery Disconnect (Switch Only):Diagram1 Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1 Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2
Mates	BUS BAR_4441268C91

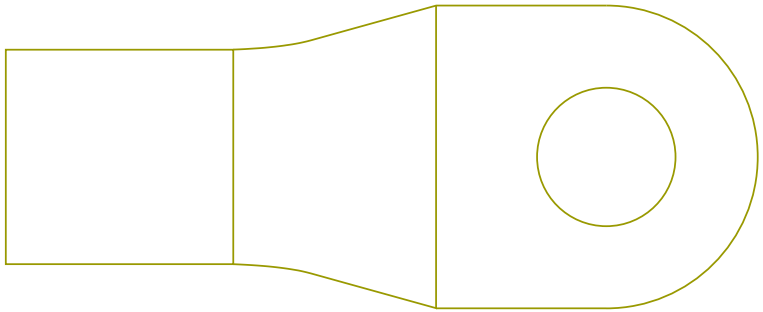


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	14A	-	0.0	0.0	-	RED	0.0	-	X	-
A	-	-	14A	-	0.0	0.0	-	RED	0.0	-	-	-

Connector Name S12_101

Part Number 4195998C1

Instances 12v Battery Disconnect (Switch Only):Diagram1
Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1

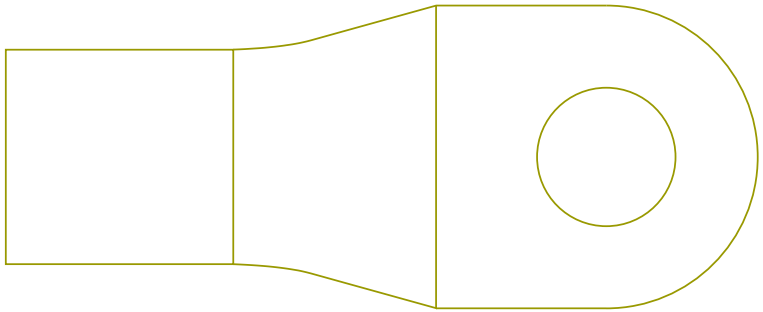


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	14B	-	0.0	0.0	-	RED	0.0	-	X	-
A	-	-	14B	-	0.0	0.0	-	RED	0.0	-	-	-

Connector Name S12_102

Part Number 4195998C1

Instances 12v Battery Disconnect (Switch Only):Diagram1
Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2

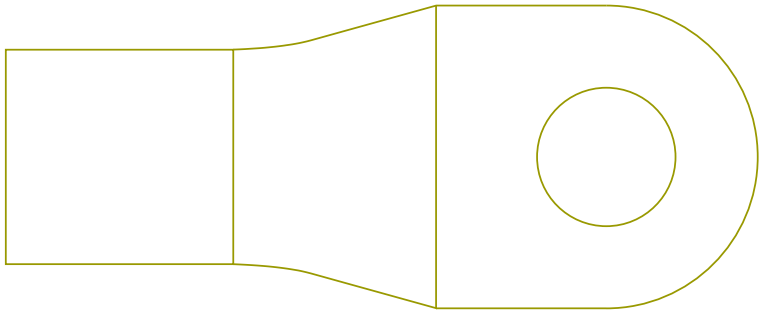


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	14C	-	0.0	0.0	-	RED	0.0	-	X	-

Connector Name S13_100

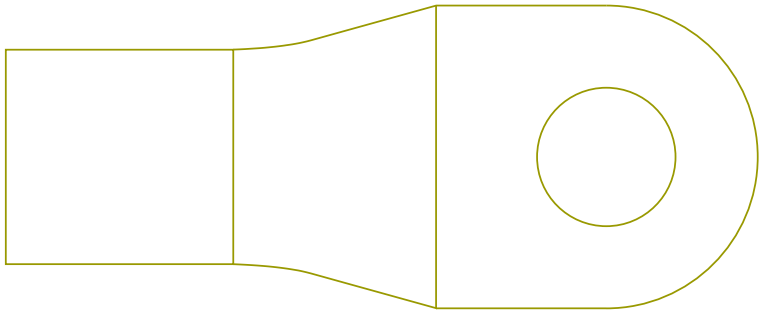
Part Number 2241345C1

Instances Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1
Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2



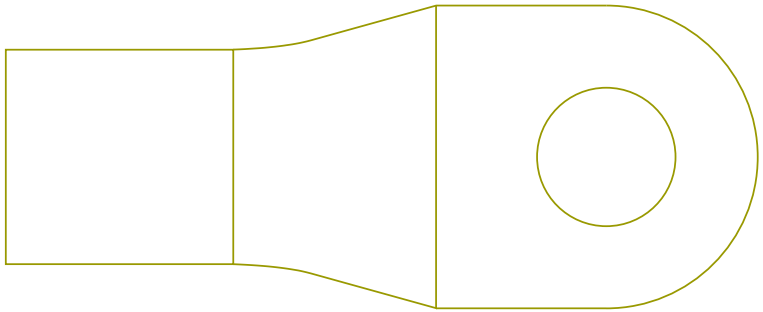
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	14A	-	0.0	0.0	-	RED	0.0	-	X	-

Connector Name	S13_101
Part Number	2241359C1
Instances	Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram1
Mates	DEV-12V_DC/DC_CONVERTER-01



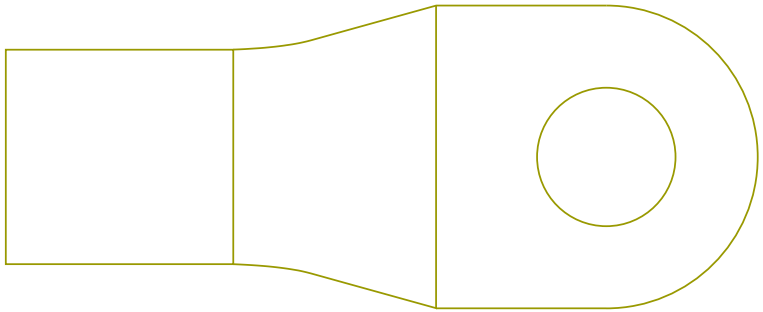
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	14B	-	0.0	0.0	-	RED	0.0	-	X	-

Connector Name	S13_102
Part Number	2241359C1
Instances	Charging System (W/VCU) Dual DC/DC Converter 12V W/ InMotion 0008WUM:Diagram2
Mates	DEV-SECOND_12V_DC/DC_CONVE RTER-01



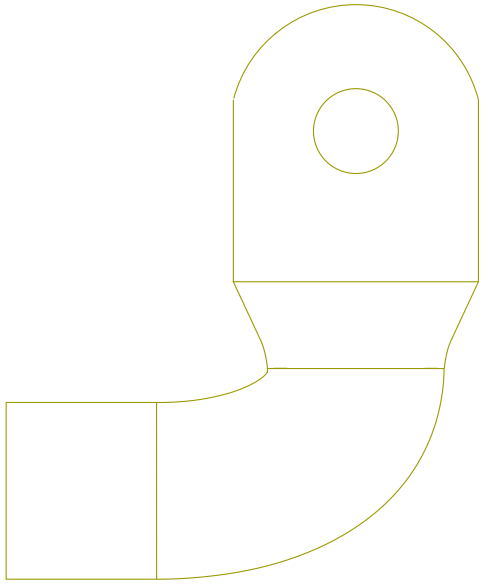
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	14C	-	0.0	0.0	-	RED	0.0	-	-	-

Connector Name	Terminal 1
Part Number	2241359C1
Instances	Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	12V BATTERY



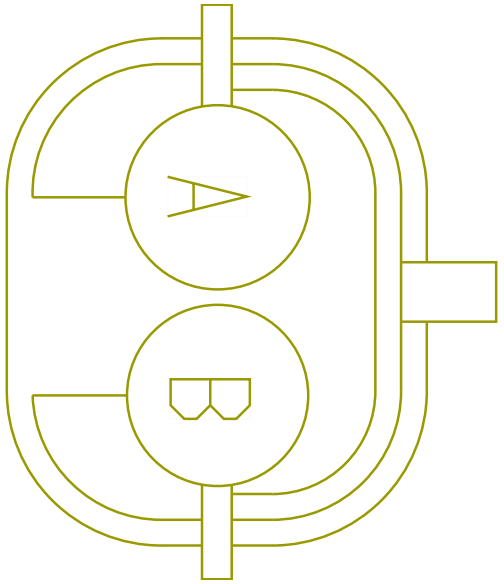
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	Smart Part	-	0.0	0.0	-	RED	0.0	-	A	Terminal 2

Connector Name	Terminal 2
Part Number	2241617C1
Instances	Battery Box Optional PDM for Lift Gate - W/08VBA & N/510244:Diagram1
Mates	OPTIONAL PDM



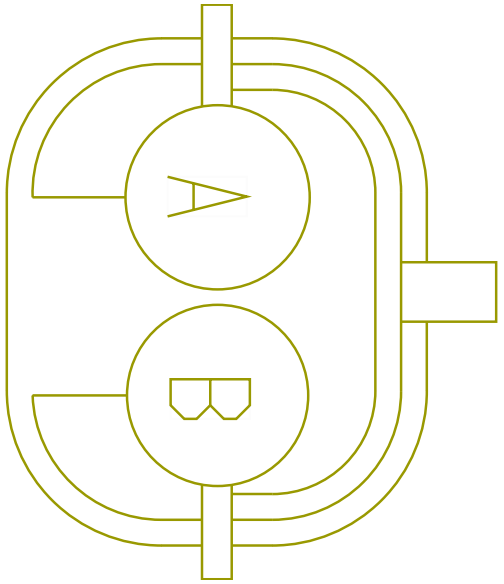
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	Smart Part	-	0.0	0.0	-	RED	0.0	-	A	Terminal 1

Connector Name	W01_9719
Part Number	3543888C1
Instances	End of Frame Aux Work Light (One Light N/Relay):Diagram1
Mates	R01_9767



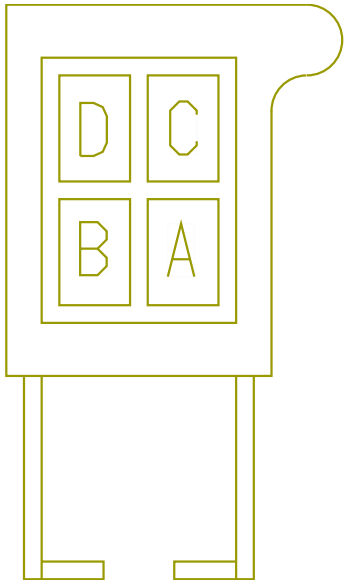
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	J65	-	0.0	16.0	-	BLACK	0.0	-	A	W01_9720
B	-	-	J11-GK	-	0.0	16.0	-	WHITE	0.0	-	B	W01_9720

Connector Name	W01_9720
Part Number	3543888C1
Instances	End of Frame Aux Work Light (One Light N/Relay):Diagram1
Mates	DEV-WORK_LIGHT_EOF-01



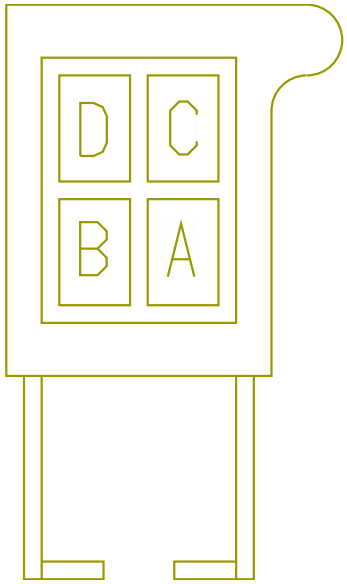
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	J65	-	0.0	16.0	-	BLACK	0.0	-	A	W01_9719
B	-	-	J11-GK	-	0.0	16.0	-	WHITE	0.0	-	B	W01_9719

Connector Name	W21_23XX
Part Number	3534156C1
Instances	Door Ajar Reminder (Entry/Exit) (2 Doors):Diagram1 Speakers: Four Speakers & N/QC:Diagram1
Mates	A67_2313



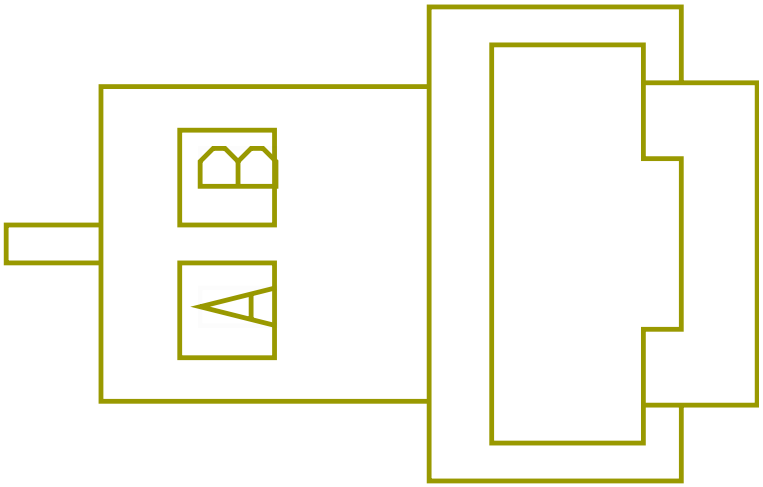
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	63	-	0.0	16.0	-	DARK BLUE	0.0	-	A	W21_3500
B	-	-	9	-	0.0	16.0	-	GREY	0.0	-	-	-
C	-	-	86BDA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	C	W21_23XX
D	-	-	86CEA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	D	W21_23XX

Connector Name	W21_23XX
Part Number	3534156C1
Instances	Door Ajar Reminder (Entry/Exit) (2 Doors):Diagram1 Speakers: Four Speakers & N/QC:Diagram1
Mates	A67_2312



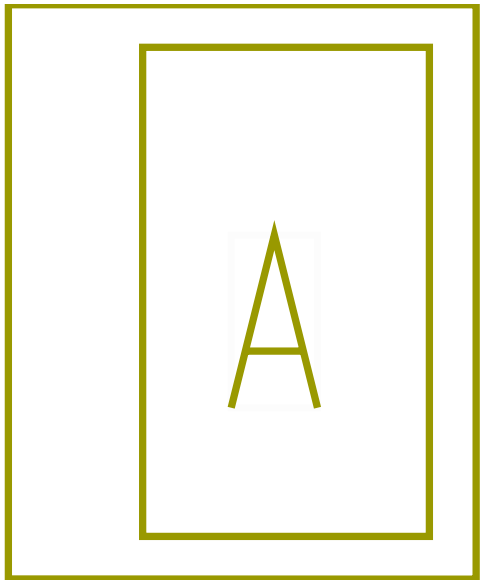
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	63	-	0.0	16.0	-	DARK BLUE	0.0	-	-	-
B	-	-	9	-	0.0	16.0	-	GREY	0.0	-	A	W21_3501
C	-	-	86BDA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	C	W21_23XX
D	-	-	86CEA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	D	W21_23XX

Connector Name	W21_2300
Part Number	3535769C1
Instances	Speakers: Four Speakers & N/QC:Diagram1
Mates	DEV-SPKR_LR-01



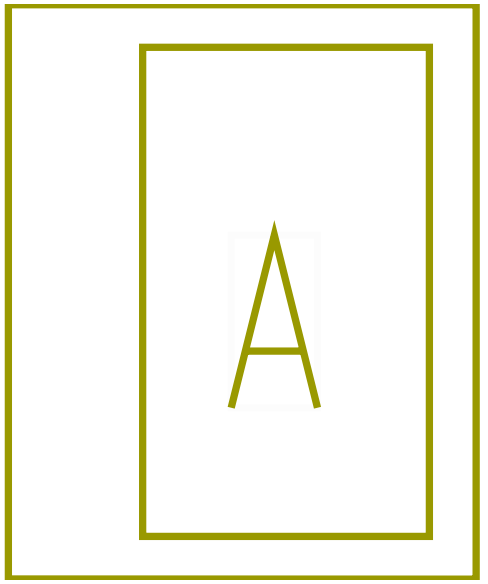
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	86BDA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	-	-
B	-	-	86CEA	-	0.0	18.0	-	LIGHT GREEN	0.0	-	-	-

Connector Name	W21_3500
Part Number	239808R1
Instances	Door Ajar Reminder (Entry/Exit) (2 Doors):Diagram1
Mates	DEV-LH_Door_Switch-01



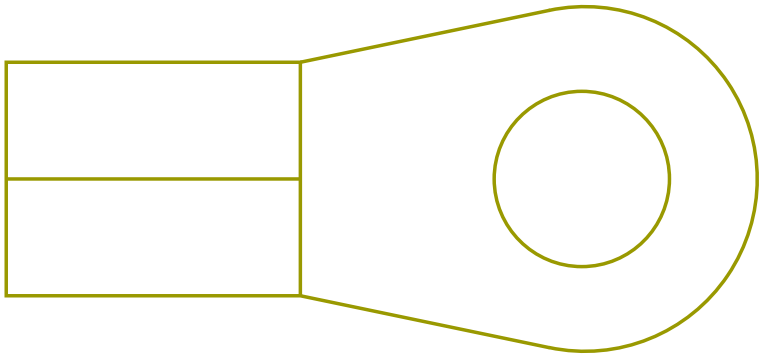
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	63	-	0.0	16.0	-	DARK BLUE	0.0	-	A	W21_23XX

Connector Name	W21_3501
Part Number	239808R1
Instances	Door Ajar Reminder (Entry/Exit) (2 Doors):Diagram1
Mates	DEV-RH_Door_Switch-01



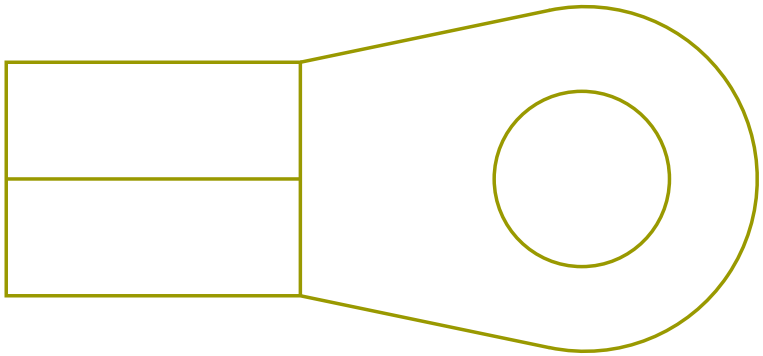
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	9	-	0.0	16.0	-	GREY	0.0	-	B	W21_23XX

Connector Name	1002
Part Number	2015884C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	CP-B2-K03-1B



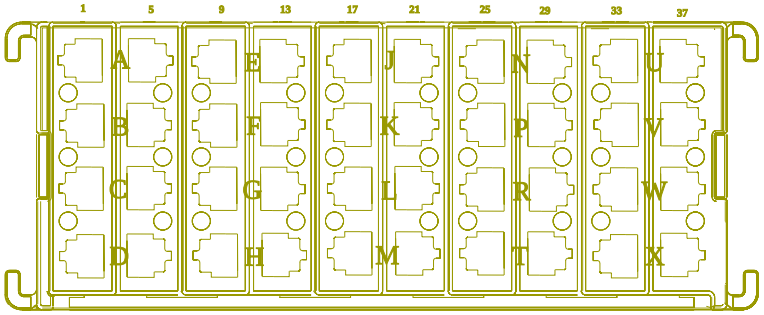
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	CD14	2644026 R1	18.94	4.0	Std. Wall XLPE Battery Cable	RED	2190.0	-	-	-

Connector Name	1003
Part Number	2015884C1
Instances	VCU PDM and Underhood PDM:VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	CP-B2-K03-1C



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	CD14D	2644026 R1	18.94	4.0	Std. Wall XLPE Battery Cable	RED	2310.0	-	-	-

Connector Name	1010
Part Number	3768015C1
Short Description	B1
Instances	Battery Feed:Diagram 1
Mates	PDB



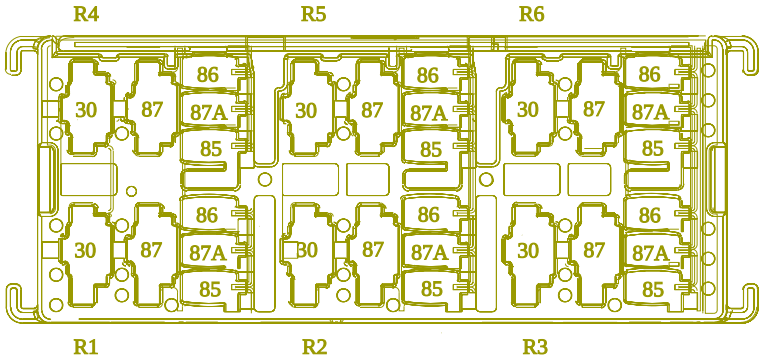
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
2	-	-	CD14AB	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	75.0	-	X	-
5	-	-	UL92BT	3510329 R1	0.79	18.0	Thin Wall XLPE Primary Cable	TAN	2195.0	-	-	-
6	-	-	VE70J	-	0.0	12.0	-	ORANGE	0.0	-	-	-
7	-	-	AE98H	3510365 R1	0.79	18.0	Thin Wall XLPE Primary Cable	RED	2240.0	-	-	-
7	-	-	AD98H	3510365 R1	0.79	18.0	Thin Wall XLPE Primary Cable	RED	2240.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
8	-	-	AC14D	3510365 R1	0.79	18.0	Thin Wall XLPE Primary Cable	RED	895.0	-	-	-
8	-	-	AB14D	3510365 R1	0.79	18.0	Thin Wall XLPE Primary Cable	RED	2350.0	-	-	-
10	-	-	CD14AC	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	75.0	-	X	-
13	-	-	AA14EE	-	0.0	20.0	-	TAN	0.0	-	-	-
14	-	-	TA75AC	2643695 R1	3.01	12.0	Std. Wall XLPE Primary Cable	RED	3415.0	-	-	-
15	-	-	EB15	3510365 R1	0.79	18.0	Thin Wall XLPE Primary Cable	RED	0.0	-	-	-
16	-	-	YD14CSB	3510366 R1	1.16	16.0	Thin Wall XLPE Primary Cable	RED	2230.0	-	-	-
18	-	-	CD14AD	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	75.0	-	X	-
21	-	-	ER14YJ	-	0.0	18.0	-	RED	0.0	-	-	-
22	-	-	VH94TV	-	0.0	12.0	-	GREY	0.0	-	-	-
23	-	-	EN14KBB	3510365 R1	0.79	18.0	Thin Wall XLPE Primary Cable	RED	2783.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
24	-	-	VW14ED	2643686 R1	1.91	14.0	Std. Wall XLPE Primary Cable	RED	3205.0	-	-	-
24	-	-	AN39	-	0.0	16.0	-	RED	0.0	-	-	-
26	-	-	CD14AE	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	75.0	-	X	-
29	-	-	EP86P	-	0.0	18.0	-	LIGHT GREEN	0.0	-	-	-
30	-	-	RC81B	-	0.0	12.0	-	RED	0.0	-	-	-
31	-	-	AA14MUX	3510365 R1	0.79	18.0	Thin Wall XLPE Primary Cable	RED	1545.0	-	-	-
32	-	-	HN20	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	0.0	-	-	-
34	-	-	CD14AF	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	75.0	-	X	-
37	-	-	MK14TS	3510364 R1	0.53	20.0	Thin Wall XLPE Primary Cable	RED	1950.0	-	-	-
37	-	-	MQ14ED	3510366 R1	1.16	16.0	Thin Wall XLPE Primary Cable	RED	4735.0	-	-	-

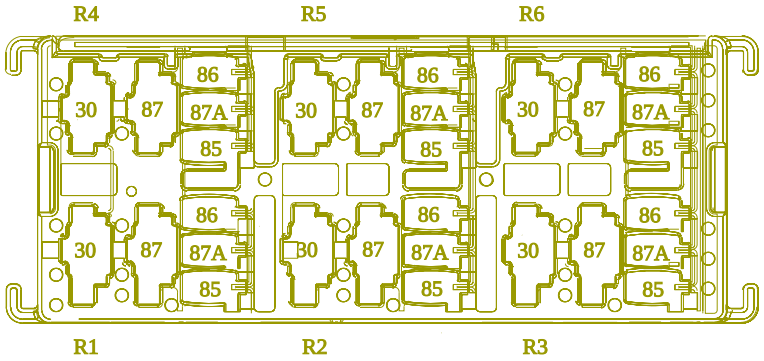
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
37	-	-	VW14EA	2643760 R1	1.16	16.0	Std. Wall XLPE Primary Cable	RED	4785.0	-	-	-
37	-	-	MM14EB	2643759 R1	0.79	18.0	Std. Wall XLPE Primary Cable	RED	385.0	-	-	-
37	-	-	MP14EA	3510366 R1	1.16	16.0	Thin Wall XLPE Primary Cable	RED	4735.0	-	-	-
38	-	-	RC81A	3510302 R1	3.01	12.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3045.0	-	-	-
39	-	-	XA94AY	-	0.0	12.0	-	GREY	0.0	-	-	-
40	-	-	LB17BA	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	1720.0	-	-	-

Connector Name	1011
Part Number	3768010C1
Instances	Relays - Grid Management:Diagram1
Mates	PDB



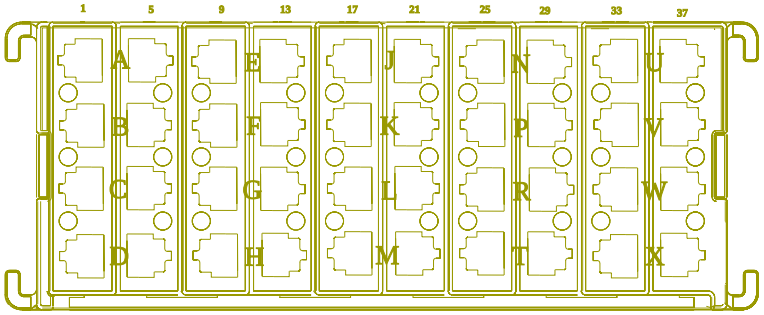
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
R4 - 30	-	-	CD14DA	3510369 R1	4.81	10.0	Thin Wall XLPE Primary Cable	RED	575.0	-	X	-
R4 - 85	-	-	AD11-GRA	-	0.0	18.0	-	WHITE	0.0	-	-	-
R4 - 86	-	-	EJ12S	3510341 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT BLUE	255.0	-	X	-
R4 - 86	-	-	EH12C	3510341 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT BLUE	2825.0	-	A	J6-1606
R4 - 87	-	-	EH12D	3510344 R1	3.01	12.0	Thin Wall XLPE Primary Cable	LIGHT BLUE	245.0	-	-	-

Connector Name	1014
Part Number	3768010C1
Instances	Relays - Grid Management:Diagram1
Mates	PDB



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
R4 - 30	-	-	CD14DB	3510369 R1	4.81	10.0	Thin Wall XLPE Primary Cable	RED	580.0	-	X	-
R4 - 85	-	-	AD11-GY	3510359 R1	0.79	18.0	Thin Wall XLPE Primary Cable	WHITE	1380.0	-	-	-
R4 - 86	-	-	DJ13DF	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	420.0	-	X	-
R4 - 87	-	-	DJ13DG	3510326 R1	3.01	12.0	Thin Wall XLPE Primary Cable	PINK	525.0	-	-	-

Connector Name 1015
Part Number 3768015C1
Instances Key Switch Ignition:Diagram 1
Mates PDB



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
2	-	-	DJ13DJ	3510326 R1	3.01	12.0	Thin Wall XLPE Primary Cable	PINK	230.0	-	X	-
5	-	-	MQ13EE	3510324 R1	1.16	16.0	Thin Wall XLPE Primary Cable	PINK	4955.0	-	-	-
5	-	-	MM13EE	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	4955.0	-	-	-
5	-	-	MK13TS	3510322 R1	0.53	20.0	Thin Wall XLPE Primary Cable	PINK	2170.0	-	-	-

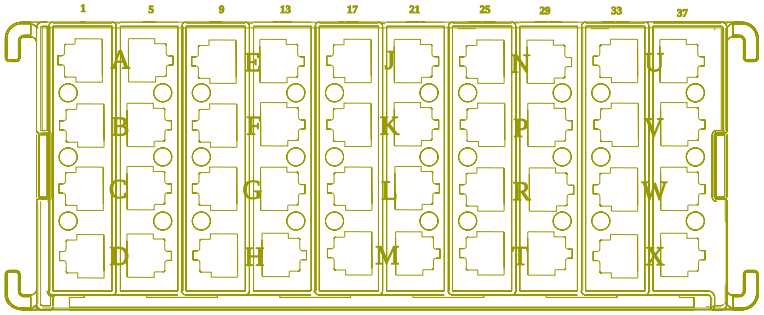
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
5	-	-	VW13EE	3510324 R1	1.16	16.0	Thin Wall XLPE Primary Cable	PINK	5005.0	-	-	-
5	-	-	AA14A	-	0.0	18.0	-	PINK	0.0	-	-	-
6	-	-	HJ87KA	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	2445.0	-	-	-
7	-	-	DJ13DR	-	0.0	18.0	-	PINK	0.0	-	-	-
7	-	-	DN13FF	-	0.0	18.0	-	PINK	0.0	-	-	-
8	-	-	AA14XA	-	0.0	16.0	-	RED	0.0	-	-	-
10	-	-	DJ13DK	3510326 R1	3.01	12.0	Thin Wall XLPE Primary Cable	PINK	230.0	-	X	-
13	-	-	KR59J	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	2840.0	-	-	-
13	-	-	KT59JB	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	290.0	-	-	-
13	-	-	KS59JB	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	290.0	-	-	-
13	-	-	KU59JB	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	290.0	-	-	-
13	-	-	AP13LA	-	0.0	14.0	-	PINK	0.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
15	-	-	ZL71AB	3510329 R1	0.79	18.0	Thin Wall XLPE Primary Cable	TAN	3505.0	-	-	-
16	-	-	AB13D	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	2570.0	-	-	-
16	-	-	AC13D	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	1115.0	-	-	-
18	-	-	DJ13DL	3510326 R1	3.01	12.0	Thin Wall XLPE Primary Cable	PINK	230.0	-	X	-
21	-	-	SJ86P	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	2455.0	-	-	-
21	-	-	SH86P	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	5440.0	-	-	-
22	-	-	RF78RP	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	490.0	-	-	-
23	-	-	AA13EB	-	0.0	20.0	-	TAN	0.0	-	-	-
24	-	-	UN92YD	3510330 R1	1.16	16.0	Thin Wall XLPE Primary Cable	TAN	1470.0	-	-	-
24	-	-	AA23M	-	0.0	12.0	-	RED	0.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
26	-	-	DJ13DM	3510326 R1	3.01	12.0	Thin Wall XLPE Primary Cable	PINK	230.0	-	X	-
29	-	-	YD67A	3510324 R1	1.16	16.0	Thin Wall XLPE Primary Cable	PINK	2200.0	-	-	-
29	-	-	YA67A	3510324 R1	1.16	16.0	Thin Wall XLPE Primary Cable	PINK	2445.0	-	-	-
30	-	-	KH39A	3510312 R1	1.16	16.0	Thin Wall XLPE Primary Cable	GREY	2525.0	-	-	-
31	-	-	LL13C	-	0.0	16.0	-	PINK	0.0	-	-	-
32	-	-	AA97H	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	0.0	-	-	-
34	-	-	DJ13DN	3510326 R1	3.01	12.0	Thin Wall XLPE Primary Cable	PINK	230.0	-	X	-
37	-	-	XA94V	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	0.0	-	-	-
37	-	-	XE94V	2643782 R1	1.91	14.0	Std. Wall XLPE Primary Cable	GREY	3430.0	-	-	-
38	-	-	KX39	-	0.0	16.0	-	GREY	0.0	-	-	-

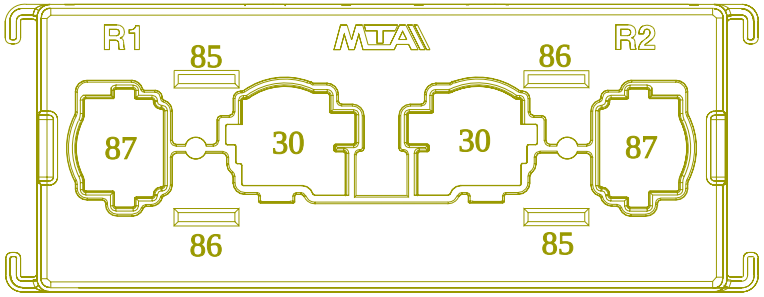
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
39	-	-	YB67TA	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	2525.0	-	-	-

Connector Name	1015
Part Number	3768015C1
Instances	Key Switch Ignition:Diagram 1
Mates	PDB



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
14	-	-	DL13AB	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	1000.0	-	-	-

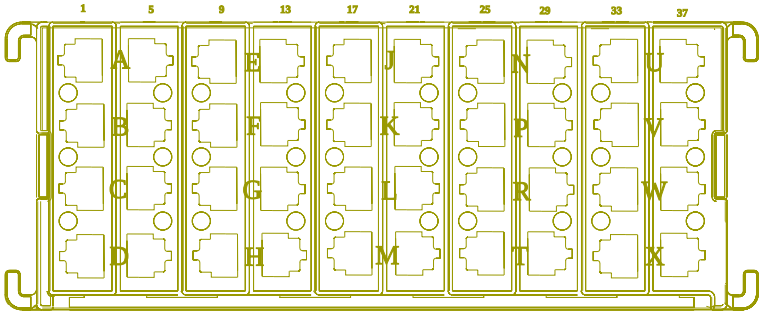
Connector Name	1016
Part Number	4100070C1
Instances	Relays - Grid Management:Diagram1
Mates	PDB



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
R1 - 30	-	-	CD14C	3525611 R1	7.48	8.0	Thin Wall XLPE Primary Cable	RED	685.0	-	X	-
R1 - 87	-	-	CD14CA	3525611 R1	7.48	8.0	Thin Wall XLPE Primary Cable	RED	455.0	-	-	-
R2 - 30	-	-	CD14DC	3525611 R1	7.48	8.0	Thin Wall XLPE Primary Cable	RED	685.0	-	X	-
R2 - 85	-	-	AD11-GZA	-	0.0	18.0	-	WHITE	0.0	-	-	-
R2 - 86	-	-	DJ13DE	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	525.0	-	X	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
R2 - 87	-	-	DJ13DH	3525611 R1	7.48	8.0	Thin Wall XLPE Primary Cable	RED	170.0	-	-	-

Connector Name	1017
Part Number	3768015C1
Instances	Battery Feed:Diagram 1 Key Switch Accessory:Diagram 1 Key Switch Ignition:Diagram 1
Mates	PDB



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	CD14CG	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	140.0	-	X	-
2	-	-	CD14CH	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	140.0	-	X	-
3	-	-	EH12J	3510341 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT BLUE	120.0	-	X	-
4	-	-	CD14AG	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	280.0	-	X	-
5	-	-	AP14LA	-	0.0	14.0	-	PINK	0.0	-	-	-

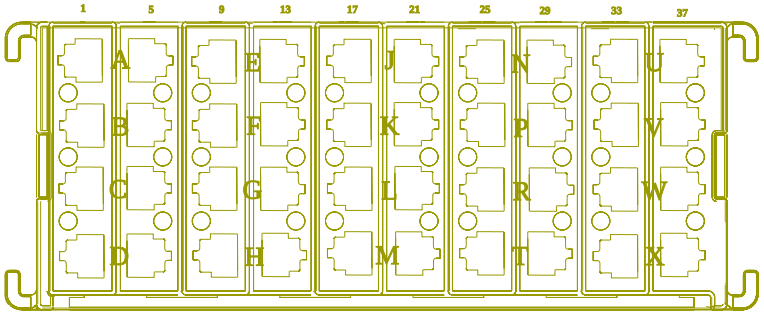
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
6	-	-	QF14A	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	4870.0	-	-	-
6	-	-	QE14A	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	3556.0	-	-	-
8	-	-	TJ14NS	3510296 R1	3.01	12.0	Thin Wall XLPE Primary Cable	BLACK	2050.0	-	-	-
10	-	-	CD14CB	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	140.0	-	X	-
13	-	-	NE14A	3510322 R1	0.53	20.0	Thin Wall XLPE Primary Cable	PINK	2030.0	-	-	-
13	-	-	LJ104DA	3510354 R1	1.16	16.0	Thin Wall XLPE Primary Cable	DARK BLUE	460.0	-	-	-
14	-	-	JH84C	-	0.0	14.0	-	LIGHT GREEN	0.0	-	-	-
15	-	-	AA63BF	-	0.0	18.0	-	DARK BLUE	0.0	-	-	-
16	-	-	MH26D	2643676 R1	0.79	18.0	Std. Wall XLPE Primary Cable	TAN	3445.0	-	-	-
16	-	-	MJ26D	2643676 R1	0.79	18.0	Std. Wall XLPE Primary Cable	TAN	3445.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
16	-	-	AP14RA	-	0.0	14.0	-	PINK	0.0	-	-	-
17	-	-	CD14CC	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	140.0	-	X	-
18	-	-	CD14CD	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	140.0	-	X	-
19	-	-	CD14CE	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	140.0	-	X	-
20	-	-	CD14CF	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	140.0	-	X	-
21	-	-	KL18V	3510312 R1	1.16	16.0	Thin Wall XLPE Primary Cable	GREY	365.0	-	-	-
21	-	-	KK18V	3510312 R1	1.16	16.0	Thin Wall XLPE Primary Cable	GREY	365.0	-	-	-
22	-	-	TH14SC	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	460.0	-	-	-
22	-	-	VK14BA	3510366 R1	1.16	16.0	Thin Wall XLPE Primary Cable	RED	460.0	-	-	-
23	-	-	JA84	-	0.0	14.0	-	LIGHT GREEN	0.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
25	-	-	EJ12H	3510342 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT BLUE	120.0	-	X	-
26	-	-	EJ12E	3510341 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT BLUE	120.0	-	X	-
27	-	-	EH12F	3510344 R1	3.01	12.0	Thin Wall XLPE Primary Cable	LIGHT BLUE	120.0	-	X	-
28	-	-	EJ12G	3510342 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT BLUE	120.0	-	X	-
29	-	-	ZR12ZA	3510341 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT BLUE	1220.0	-	-	-
30	-	-	EP86AH	-	0.0	18.0	-	LIGHT GREEN	0.0	-	-	-
31	-	-	EP86F	-	0.0	18.0	-	LIGHT GREEN	0.0	-	-	-
32	-	-	NC12B	3510340 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT BLUE	2030.0	-	-	-
34	-	-	DJ13DT	3510326 R1	3.01	12.0	Thin Wall XLPE Primary Cable	PINK	425.0	-	X	-
37	-	-	PB97DF	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	3445.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
37	-	-	AA10VA	-	0.0	18.0	-	RED	0.0	-	-	-
38	-	-	RM78AA	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	0.0	-	-	-
39	-	-	JK13U	-	0.0	20.0	-	PINK	0.0	-	-	-
39	-	-	JE13E	-	0.0	20.0	-	PINK	0.0	-	-	-

Connector Name	1018
Part Number	3768015C1
Instances	Battery Feed:Diagram 1 Key Switch Ignition:Diagram 1
Mates	PDB



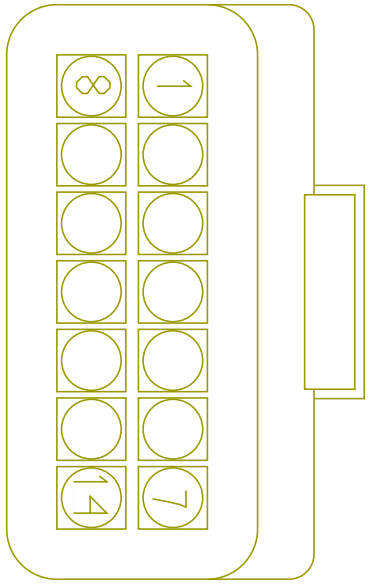
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
2	-	-	CD14BG	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	150.0	-	X	-
3	-	-	CD14BD	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	150.0	-	X	-
4	-	-	CD14BE	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	150.0	-	X	-
6	-	-	JD86C2	3510301 R1	1.91	14.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1395.0	-	-	-
7	-	-	LL14G	-	0.0	16.0	-	RED	0.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
8	-	-	XT40A	3510313 R1	1.91	14.0	Thin Wall XLPE Primary Cable	GREY	2235.0	-	-	-
10	-	-	CD14CJ	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	455.0	-	X	-
11	-	-	CD14BB	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	150.0	-	X	-
12	-	-	CD14BC	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	150.0	-	X	-
14	-	-	VN70JA	3510320 R1	3.01	12.0	Thin Wall XLPE Primary Cable	ORANGE	495.0	-	-	-
15	-	-	RD81D	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	3945.0	-	-	-
16	-	-	RD81DA	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	3945.0	-	-	-
18	-	-	CD14BA	3510368 R1	3.01	12.0	Thin Wall XLPE Primary Cable	RED	150.0	-	X	-
21	-	-	AA73C	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1285.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
22	-	-	RK78E	3510301 R1	1.91	14.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	525.0	-	-	-
23	-	-	ZF14SUN	2645629 R1	0.35	22.0	Thin Wall XLPE Primary Cable	RED	2890.0	-	-	-
24	-	-	JE14UA	3510301 R1	1.91	14.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1465.0	-	-	-
24	-	-	JK14UA	-	0.0	14.0	-	LIGHT GREEN	0.0	-	-	-
26	-	-	DJ13DP	3510326 R1	3.01	12.0	Thin Wall XLPE Primary Cable	PINK	250.0	-	X	-
29	-	-	HR13X	3510324 R1	1.16	16.0	Thin Wall XLPE Primary Cable	PINK	2175.0	-	-	-
30	-	-	QU14R	3510365 R1	0.79	18.0	Thin Wall XLPE Primary Cable	RED	1575.0	-	-	-
30	-	-	QD105C	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3810.0	-	-	-
30	-	-	QZ13R3	3510365 R1	0.79	18.0	Thin Wall XLPE Primary Cable	RED	2320.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
31	-	-	NP13DCG	3510323 R1	0.79	18.0	Thin Wall XLPE Primary Cable	PINK	1035.0	-	-	-
32	-	-	JJ13UC	-	0.0	20.0	-	PINK	0.0	-	-	-
32	-	-	JF13UC	-	0.0	20.0	-	PINK	0.0	-	-	-
34	-	-	DJ13DG	3510326 R1	3.01	12.0	Thin Wall XLPE Primary Cable	PINK	525.0	-	-	-
37	-	-	AN22AA	-	0.0	16.0	-	PINK	0.0	-	-	-
37	-	-	JQ13UCC	-	0.0	20.0	-	PINK	0.0	-	-	-
38	-	-	JA13UA	-	0.0	20.0	-	PINK	0.0	-	-	-
39	-	-	UL92#163	3510329 R1	0.79	18.0	Thin Wall XLPE Primary Cable	TAN	2435.0	-	-	-
40	-	-	MQ98F	3510328 R1	0.53	20.0	Thin Wall XLPE Primary Cable	TAN	1985.0	-	-	-
40	-	-	AQ13RA	-	0.0	14.0	-	PINK	0.0	-	-	-
40	-	-	AP13RA	-	0.0	14.0	-	PINK	0.0	-	-	-

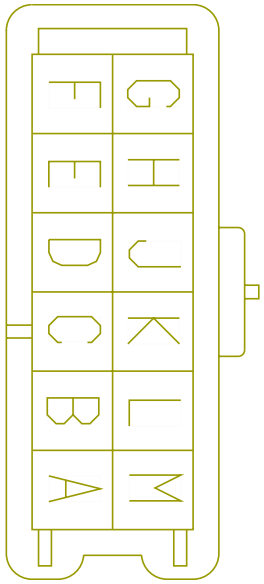
Connector Name	1021
Part Number	3613769C1
Instances	Panel Light Dimmer Splice Pack - 1021:Diagram1
Mates	SP-Panel_Dimmer-B003-10-AA



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	AC62DA	3510354 R1	1.16	16.0	Thin Wall XLPE Primary Cable	DARK BLUE	1065.0	-	-	-
1	-	-	AB62DA	3510354 R1	1.16	16.0	Thin Wall XLPE Primary Cable	DARK BLUE	1020.0	-	-	-
1	-	-	AB62DC	3510354 R1	1.16	16.0	Thin Wall XLPE Primary Cable	DARK BLUE	0.0	-	-	-
2	-	-	NA62F	3510352 R1	0.53	20.0	Thin Wall XLPE Primary Cable	DARK BLUE	500.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
4	-	-	YD62A	3510353 R1	0.79	18.0	Thin Wall XLPE Primary Cable	DARK BLUE	1345.0	-	-	-
5	-	-	UL62Z	-	0.0	18.0	-	DARK BLUE	0.0	-	-	-
10	-	-	RG62DD	3510353 R1	0.79	18.0	Thin Wall XLPE Primary Cable	DARK BLUE	905.0	-	-	-
14	-	-	UF62A	3510353 R1	0.79	18.0	Thin Wall XLPE Primary Cable	DARK BLUE	1080.0	-	-	-
14	-	-	UN62A	3510353 R1	0.79	18.0	Thin Wall XLPE Primary Cable	DARK BLUE	1000.0	-	-	-

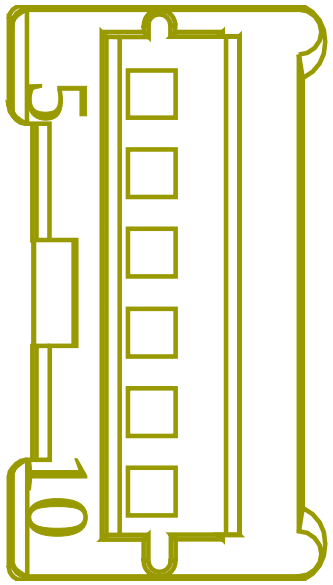
Connector Name	1024
Part Number	3601838C1
Instances	Body Standard J1939 (250Kbps):Body Standard J1939 (250Kbps)
Mates	SP-IP-B001-00-10-A1-1024



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	WIRE722734	-	0.0	-	-	-	0.0	-	PIN1	-
B	-	-	-	-	-	-	-	-	-	-	-	-
C	-	-	WIRE722741	-	0.0	-	-	-	0.0	-	D	1024
D	-	-	WIRE722741	-	0.0	-	-	-	0.0	-	C	1024
E	-	-	-	-	-	-	-	-	-	-	-	-
F	-	-	WIRE775838	-	0.0	-	-	-	0.0	-	A	A67_250M
G	-	-	WIRE775839	-	0.0	-	-	-	0.0	-	B	A67_250M
H	-	-	-	-	-	-	-	-	-	-	-	-
J	-	-	WIRE722740	-	0.0	-	-	-	0.0	-	K	1024
K	-	-	WIRE722740	-	0.0	-	-	-	0.0	-	J	1024

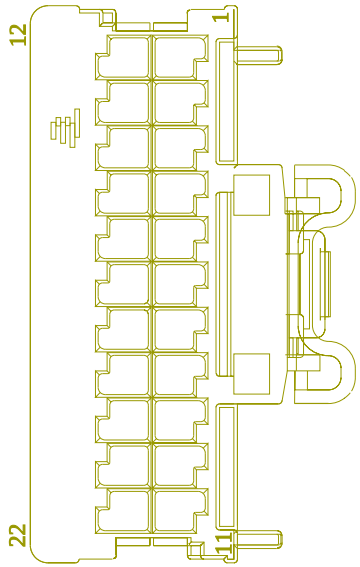
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
L	-	-	-	-	-	-	-	-	-	-	-	-
M	-	-	WIRE722733	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	1101F
Part Number	3768593C1
Instances	Auxiliary Air Solenoids (Normally Closed):Diagram1 Electronic Logging Device (ELD) Indicator (J1939 Switchpack Indicator):Diagram1 End of Frame Aux Work Light (One Light N/Relay):Diagram1 Exterior Lamp Check (Horizon):Diagram1 Height Control (W/VCU):Diagram1 Jaw Unlock Control W/ SOLENOIDS W/SWITCH PACKS:Diagram1 Low Speed J1939 (125Kbps):Low Speed J1939 (125Kbps) Mirrors (Heated) (MUX Switch, 2 Cab and 1 Hood Mirror Left Side Only):Diagram1 Power Lift Gate:Diagram1 Regenerative Braking (W/VCU):Diagram1 Theft Deterrent (Standard, J1939 Mux SW, W/VCU):Diagram1 Traction Control (Bendix, VCU):Diagram1
Mates	SW-J1939_PACK-0009-00-02A



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
5	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	WIRE1651	-	0.0	-	-	-	0.0	-	PIN1	-
6	-	-	-	-	-	-	-	-	-	-	-	-
6	-	-	WIRE1652	-	0.0	-	-	-	0.0	-	PIN1	-

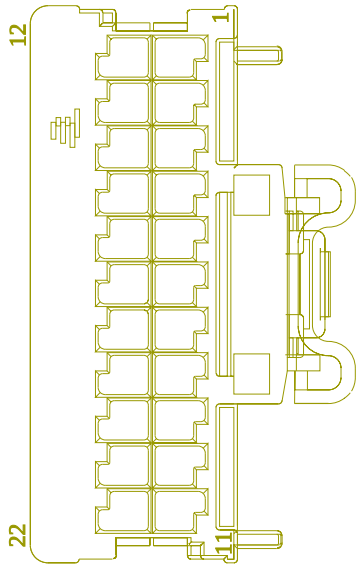
Connector Name	1200A
Part Number	3768152C1
Instances	HVAC Actuators:Diagram 1
Mates	DEV-HVAC_CTRL_HEAD_AUTO-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
9	-	-	AA74A2	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	B	1200E
10	-	-	AA74B2	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	G	1200E
11	-	-	AA74D5	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	K	1200C
18	-	-	AA74C2	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	B	1200C

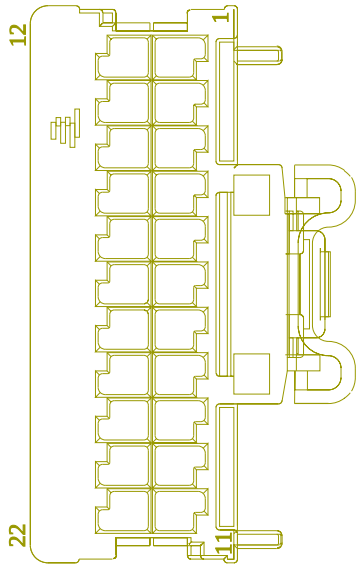
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
19	-	-	AA74E2	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	M	1200C
21	-	-	AA74D2	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	G	1200C
22	-	-	AA74D4	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	J	1200C

Connector Name	1200A
Part Number	3768152C1
Instances	HVAC Actuators:Diagram 1
Mates	DEV-HVAC_CTRL_HEAD_AUTO-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
5	-	-	AA75B	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	P	1200E
6	-	-	TA75A	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1390.0	-	X	-

Connector Name	1200B
Part Number	3768153C1
Instances	HVAC Actuators:Diagram 1
Mates	DEV-HVAC_CTRL_HEAD_AUTO-01

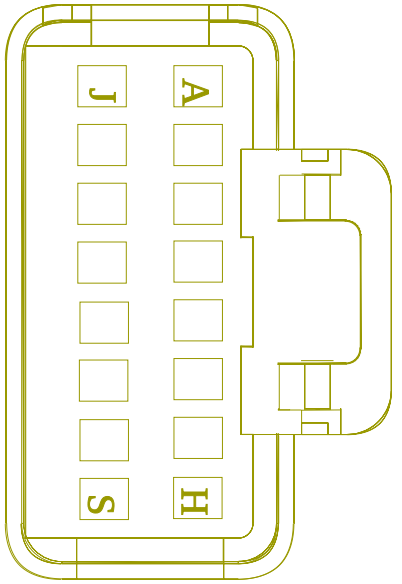


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	AA74B1	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	F	1200E
2	-	-	AA74B3	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	H	1200E
3	-	-	AA74B4	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	J	1200E
4	-	-	AA74C1	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	A	1200C

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
5	-	-	AA74C3	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	C	1200C
6	-	-	AA74C4	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	D	1200C
7	-	-	AA74C5	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	E	1200C
8	-	-	AA74E1	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	L	1200C
9	-	-	AA74E3	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	N	1200C
10	-	-	AA74E4	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	P	1200C
11	-	-	AA74E5	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	S	1200C
12	-	-	AA74B5	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	K	1200E
13	-	-	AA74A1	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	A	1200E

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
14	-	-	AA74A3	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	C	1200E
15	-	-	AA74A4	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	D	1200E
16	-	-	AA74A5	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	E	1200E
21	-	-	AA74D1	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	F	1200C
22	-	-	AA74D3	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	H	1200C

Connector Name	1200C
Part Number	4057474C1
Instances	HVAC Actuators:Diagram 1
Mates	P41003

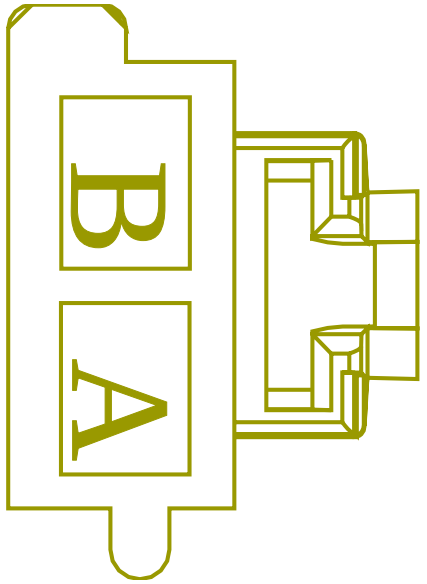


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	AA74C1	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	4	1200B
B	-	-	AA74C2	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	18	1200A
C	-	-	AA74C3	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	5	1200B
D	-	-	AA74C4	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	6	1200B

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
E	-	-	AA74C5	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	7	1200B
F	-	-	AA74D1	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	21	1200B
G	-	-	AA74D2	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	21	1200A
H	-	-	AA74D3	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	22	1200B
J	-	-	AA74D4	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	22	1200A
K	-	-	AA74D5	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	11	1200A
L	-	-	AA74E1	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	8	1200B
M	-	-	AA74E2	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	19	1200A
N	-	-	AA74E3	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	9	1200B

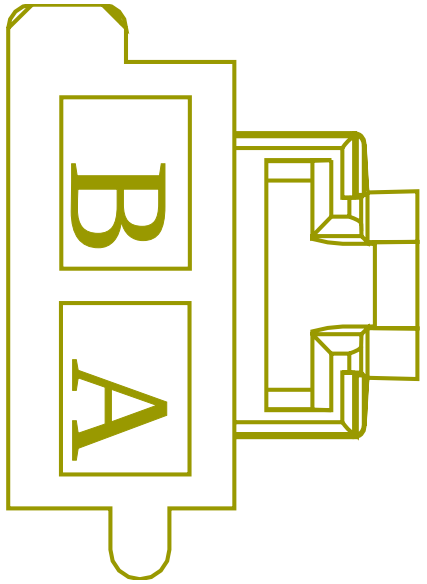
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
P	-	-	AA74E4	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	10	1200B
S	-	-	AA74E5	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3240.0	-	11	1200B

Connector Name	1200D
Part Number	4061870C1
Instances	HVAC Actuators:Diagram 1
Mates	P41011



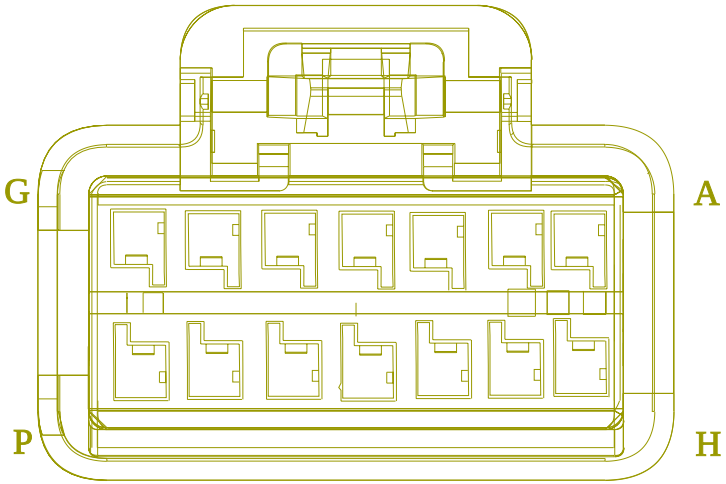
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	TA75AC	2643695 R1	3.01	12.0	Std. Wall XLPE Primary Cable	RED	3415.0	-	-	-
B	-	-	AD75-G	3510362 R1	3.01	12.0	Thin Wall XLPE Primary Cable	WHITE	2170.0	-	X	-

Connector Name	1200D
Part Number	4061870C1
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram1 - HVAC
Mates	DEV-HEAT/EVAP-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	TA75AC	2643695 R1	3.01	12.0	Std. Wall XLPE Primary Cable	RED	3415.0	-	-	-
B	-	-	AD75-G	3510362 R1	3.01	12.0	Thin Wall XLPE Primary Cable	WHITE	2170.0	-	X	-

Connector Name	1200E
Part Number	4057658C1
Instances	HVAC Actuators:Diagram 1
Mates	P41004

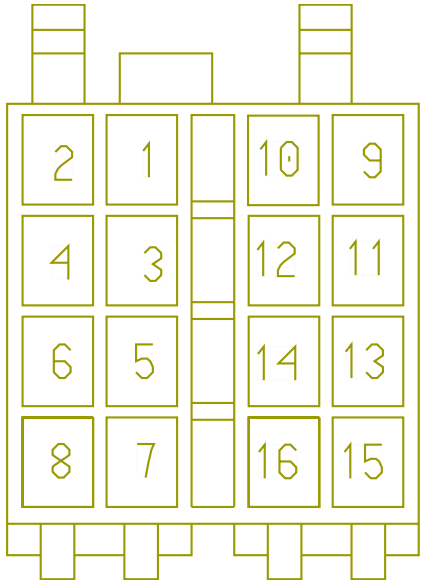


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	AA74A1	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	13	1200B
B	-	-	AA74A2	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	9	1200A
C	-	-	AA74A3	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	14	1200B
D	-	-	AA74A4	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	15	1200B

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
E	-	-	AA74A5	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	16	1200B
F	-	-	AA74B1	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	1	1200B
G	-	-	AA74B2	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	10	1200A
H	-	-	AA74B3	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	2	1200B
J	-	-	AA74B4	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	3	1200B
K	-	-	AA74B5	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	12	1200B
L	-	-	SA77D	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	2945.0	-	5	A67_1700
M	-	-	AA75-GA	-	0.0	20.0	-	WHITE	0.0	-	7	A67_1700
N	-	-	TA75AB	3510299 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	2000.0	-	X	-

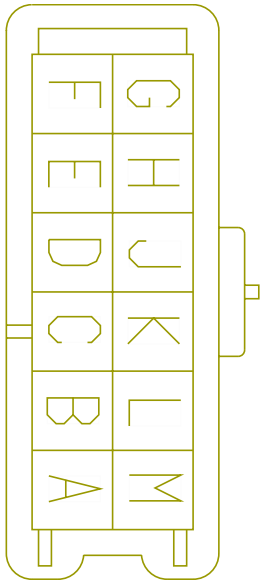
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
P	-	-	AA75B	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3390.0	-	5	1200A

Connector Name	1300
Part Number	3597143C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps)
Mates	MODU-Radio-2008-04-04A



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	WIRE720043	-	0.0	-	-	-	0.0	-	PIN1	-
2	-	-	WIRE720045	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	1410
Part Number	3601838C1
Instances	ABS CAN Splice Pack - 1410:Diagram1
Mates	SP-ABS_SPLICE-B002-00-10-A1



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	XL94SAA	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1395.0	-	-	-
B	-	-	XL94SAB	-	0.0	18.0	-	GREY	0.0	-	-	-
C	-	-	XL94SA	-	0.0	20.0	-	GREY	0.0	-	-	-
C	-	-	XF94SA	3510310 R1	0.53	20.0	Thin Wall XLPE Primary Cable	GREY	870.0	-	-	-
D	-	-	XL94SCA	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1395.0	-	-	-
E	-	-	XL94SCB	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	0.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
F	-	-	XF94SC	3510310 R1	0.53	20.0	Thin Wall XLPE Primary Cable	GREY	870.0	-	-	-
F	-	-	XL94SC	3510310 R1	0.53	20.0	Thin Wall XLPE Primary Cable	GREY	0.0	-	-	-
G	-	-	XF94SBA	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1395.0	-	-	-
G	-	-	XL94SBA	-	0.0	18.0	-	GREY	0.0	-	-	-
H	-	-	XF94SBB	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1325.0	-	-	-
H	-	-	XL94SBB	-	0.0	18.0	-	GREY	0.0	-	-	-
J	-	-	XF94SB	3510310 R1	0.53	20.0	Thin Wall XLPE Primary Cable	GREY	870.0	-	-	-
J	-	-	XL94SB	-	0.0	20.0	-	GREY	0.0	-	-	-
K	-	-	XF94SDA	3510299 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1395.0	-	-	-
K	-	-	XL94SDA	3510299 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1395.0	-	-	-
L	-	-	XF94SDB	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1325.0	-	-	-

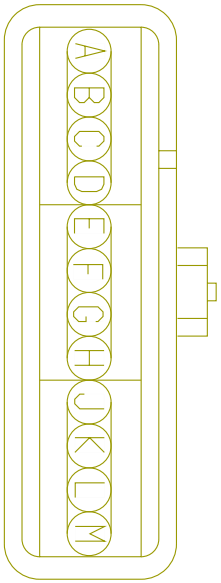
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
L	-	-	XL94SDB	-	0.0	18.0	-	GREY	0.0	-	-	-
M	-	-	XL94SD	3510310 R1	0.53	20.0	Thin Wall XLPE Primary Cable	GREY	0.0	-	-	-
M	-	-	XF94SD	3510310 R1	0.53	20.0	Thin Wall XLPE Primary Cable	GREY	870.0	-	-	-

Connector Name	1623
Part Number	2007315C1
Instances	Park / Turn Lights Splice Packs 1623/1625/400:Diagram1
Mates	SP-MARKER_LT_SPLICE_PACK-B 000-10-A1

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	YP54	3510306 R1	1.16	16.0	Thin Wall XLPE Primary Cable	BROWN	0.0	-	-	-
C	-	-	YS54B	3510305 R1	0.79	18.0	Thin Wall XLPE Primary Cable	BROWN	1080.0	-	-	-
D	-	-	YS58T	3510305 R1	0.79	18.0	Thin Wall XLPE Primary Cable	BROWN	1085.0	-	1	2000
F	-	-	YP58T	3510305 R1	0.79	18.0	Thin Wall XLPE Primary Cable	BROWN	0.0	-	1	2000

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
G	-	-	ZQ68	3510306 R1	1.16	16.0	Thin Wall XLPE Primary Cable	BROWN	290.0	-	-	-
G	-	-	ZN68	3510306 R1	1.16	16.0	Thin Wall XLPE Primary Cable	BROWN	1160.0	-	-	-
G	-	-	ZP68	3510306 R1	1.16	16.0	Thin Wall XLPE Primary Cable	BROWN	320.0	-	-	-
G	-	-	ZN68A	-	0.0	16.0	-	BROWN	0.0	-	-	-

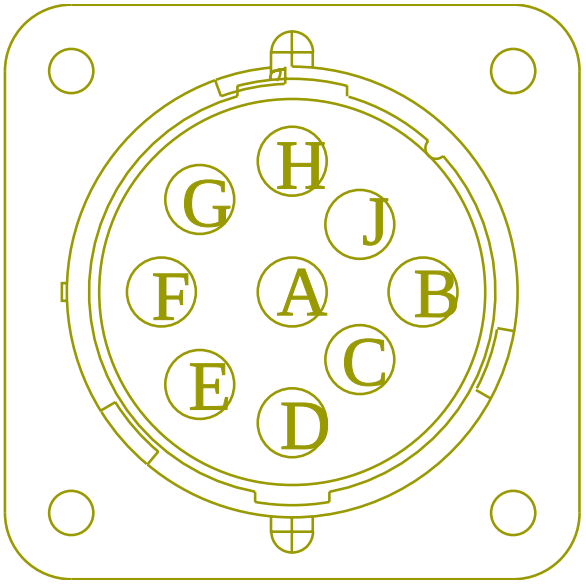
Connector Name	1625
Part Number	3543733C1
Instances	Park / Turn Lights Splice Packs 1623/1625/400:Diagram1
Mates	SP-REAR_TURN_SIGNAL_SPLICE _PACK-B000-10-A1



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	YL57C	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	1180.0	-	-	-
A	-	-	YL57E	-	0.0	16.0	-	ORANGE	0.0	-	-	-
B	-	-	YL57	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	1170.0	-	-	-
B	-	-	YL57AA	-	0.0	16.0	-	ORANGE	0.0	-	-	-
C	-	-	YV57BB	3510330 R1	1.16	16.0	Thin Wall XLPE Primary Cable	TAN	1170.0	-	-	-
C	-	-	YX57BB	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1170.0	-	-	-

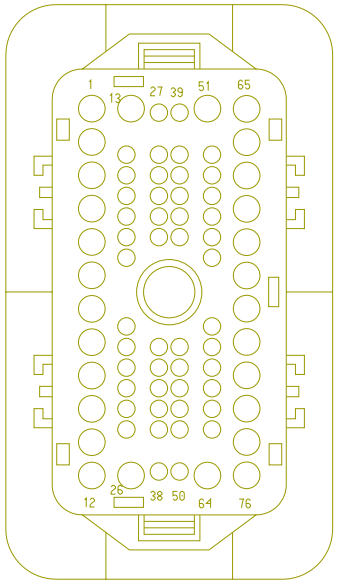
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
D	-	-	YL56CB	-	0.0	16.0	-	ORANGE	0.0	-	-	-
E	-	-	YL56A	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	1180.0	-	-	-
F	-	-	YL56	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	1170.0	-	-	-
F	-	-	YL56CA	-	0.0	16.0	-	ORANGE	0.0	-	-	-
G	-	-	YX56BB	3510336 R1	1.16	16.0	Thin Wall XLPE Primary Cable	YELLOW 2	1170.0	-	-	-

Connector Name	1650
Part Number	3757649C1
Instances	Cab Standard J1939 (250Kbps):Cab Standard J1939 (250Kbps) Powertrain Standard J1939 (500Kbps):Powertrain Standard J1939 (500Kbps)
Mates	DEV-9PinDiag-0008-00-10-01A



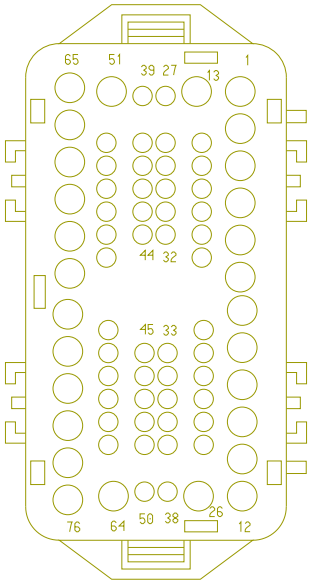
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
C	-	-	WIRE775545	-	0.0	-	-	-	0.0	-	PIN1	-
D	-	-	WIRE775546	-	0.0	-	-	-	0.0	-	PIN1	-
H	-	-	WIRE720027	-	0.0	-	-	-	0.0	-	PIN1	-
J	-	-	WIRE720029	-	0.0	-	-	-	0.0	-	PIN1	-

Connector Name	1700
Part Number	3595624C1
Short Description	DASH HARNESS CONNECTOR
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram1 - HVAC
Mates	1700



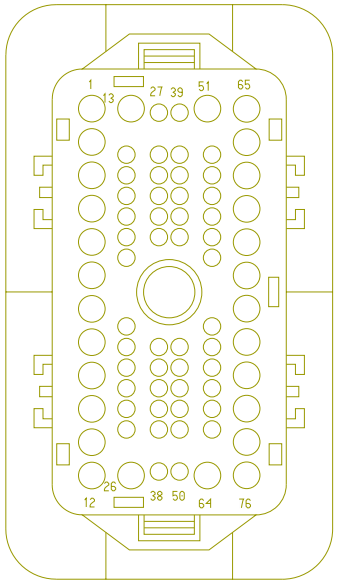
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
5	-	-	77	-	0.0	16.0	-	LIGHT GREEN	0.0	-	A	M01_8900
7	-	-	75-G	-	0.0	16.0	-	WHITE	0.0	-	B	M01_8900

Connector Name	1700
Part Number	3595625C1
Short Description	FORWARD CHASSIS
Instances	Heating Ventilation & Air Conditioning (HVAC) (W/ VCU):Diagram1 - HVAC
Mates	1700



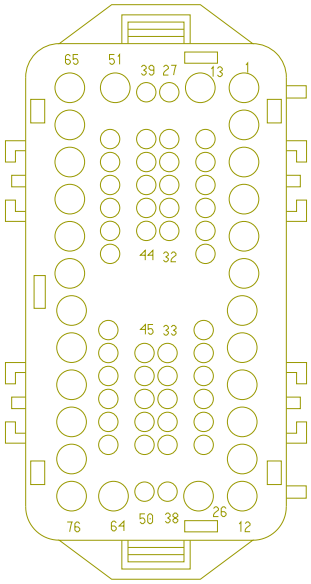
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
5	-	-	SA77D	3510298 R1	0.53	20.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	2945.0	-	L	A67_1200E
7	-	-	AA75-GA	-	0.0	20.0	-	WHITE	0.0	-	M	A67_1200E

Connector Name	1701F
Part Number	3595622C1
Short Description	CONNECTOR TO DASH HARNESS
Instances	Traction Control (Bendix, VCU):Diagram1
Mates	1701



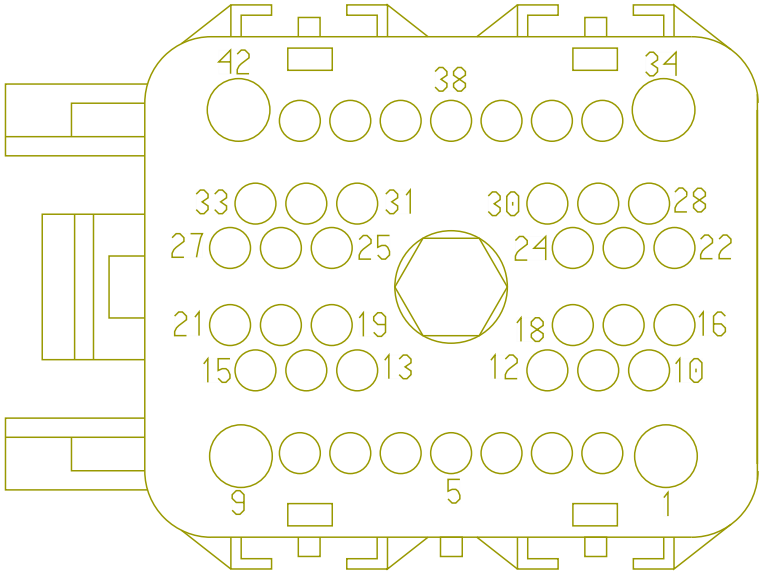
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
14	-	-	94BE	-	0.0	16.0	-	GREY	0.0	-	2	9800
15	-	-	94BD	-	0.0	16.0	-	BROWN	0.0	-	-	-

Connector Name	1701
Part Number	3595623C1
Short Description	CENTER CHASSIS
Instances	Traction Control (Bendix, VCU):Diagram1
Mates	1701F



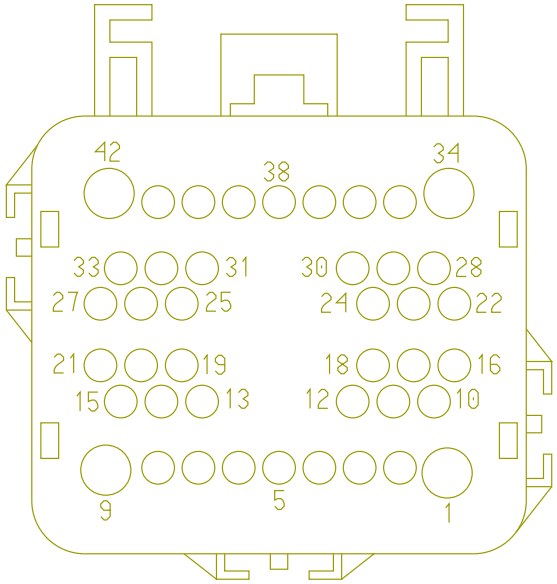
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
14	-	-	XB94BM	3510312 R1	1.16	16.0	Thin Wall XLPE Primary Cable	GREY	2550.0	-	5	A67_1400
15	-	-	XB94BN	3510312 R1	1.16	16.0	Thin Wall XLPE Primary Cable	GREY	2550.0	-	4	A67_1400

Connector Name	1702
Part Number	3595620C1
Short Description	IP/ENGINE
Instances	Ambient Temperature (No Display, Mirror Sensor, VCU):Diagram1 Drive Mode Selector I/O (W/VCU):Diagram1 Heating Ventilation & Air Conditioning (HVAC) (W/VCU):Diagram1 - HVAC Heating Ventilation & Air Conditioning (HVAC) (W/VCU):Diagram3 - EV Components Vehicle Acceleration (Wired to VCU):Diagram1
Mates	1702



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	K6B	-	0.0	18.0	-	GREY	0.0	-	PIN1	-
1	-	-	K23M	-	0.0	14.0	-	RED	0.0	-	2	K03_7005
2	-	-	K41AA	-	0.0	18.0	-	TAN	0.0	-	PIN1	-
9	-	-	K10V	-	0.0	18.0	-	RED	0.0	-	1	K03_7001
16	-	-	K97CC	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
17	-	-	K97BB	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
18	-	-	K99AA	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
20	-	-	K92AA	-	0.0	18.0	-	TAN	0.0	-	PIN1	-
24	-	-	K97EE	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
26	-	-	K97DD	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
27	-	-	K99BB	-	0.0	18.0	-	VIOLET	0.0	-	PIN1	-
38	-	-	K13Y	-	0.0	16.0	-	PINK	0.0	-	PIN1	-

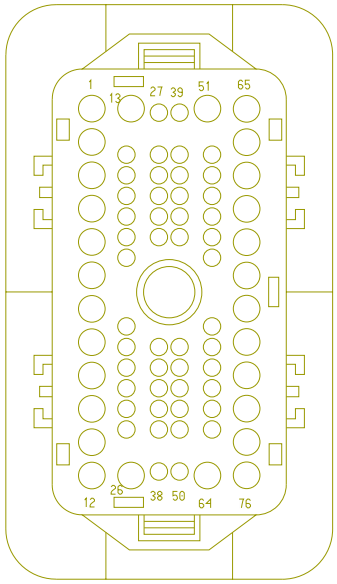
Connector Name	1702
Part Number	3595621C1
Short Description	IP / ENGINE INTERCONNECT
Instances	Ambient Temperature (No Display, Mirror Sensor, VCU):Diagram1 Drive Mode Selector I/O (W/VCU):Diagram1 Heating Ventilation & Air Conditioning (HVAC) (W/VCU):Diagram1 - HVAC Heating Ventilation & Air Conditioning (HVAC) (W/VCU):Diagram3 - EV Components Vehicle Acceleration (Wired to VCU):Diagram1
Mates	1702



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	MB41D	-	0.0	18.0	-	TAN	0.0	-	29	1703F
1	-	-	UL23MA	-	0.0	12.0	-	RED	0.0	-	1	1703F
2	-	-	MB41E	-	0.0	18.0	-	TAN	0.0	-	30	1703F
9	-	-	AA10V	-	0.0	18.0	-	RED	0.0	-	9	1703F
16	-	-	BE97BJ	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	1960.0	-	16	1703F
17	-	-	BE97CJ	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	1960.0	-	17	1703F
18	-	-	BE99BJ	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	1960.0	-	18	1703F
20	-	-	UL92AA	-	0.0	18.0	-	TAN	0.0	-	20	1703F

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
24	-	-	BE97NJ	-	0.0	18.0	-	VIOLET	0.0	-	24	1703F
26	-	-	BE97MJ	-	0.0	18.0	-	VIOLET	0.0	-	26	1703F
27	-	-	BE99DJ	-	0.0	18.0	-	VIOLET	0.0	-	27	1703F
38	-	-	AA13Y	-	0.0	16.0	-	PINK	0.0	-	38	1703F

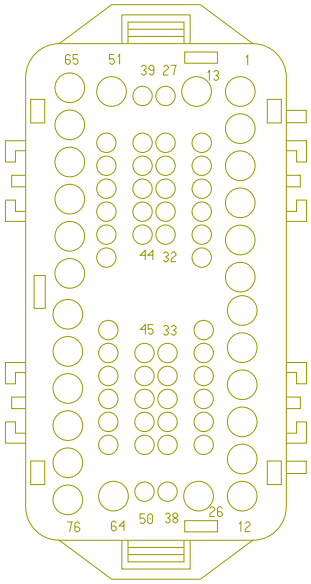
Connector Name	1703F
Part Number	3595624C1
Short Description	ENGINE/IP
Instances	Ambient Temperature (No Display, Mirror Sensor, VCU):Diagram1 Drive Mode Selector I/O (W/VCU):Diagram1 Heating Ventilation & Air Conditioning (HVAC) (W/VCU):Diagram1 - HVAC Heating Ventilation & Air Conditioning (HVAC) (W/VCU):Diagram3 - EV Components Vehicle Acceleration (Wired to VCU):Diagram1
Mates	1703M



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	UL23MA	-	0.0	12.0	-	RED	0.0	-	1	1702
9	-	-	AA10V	-	0.0	18.0	-	RED	0.0	-	9	1702
16	-	-	BE97BJ	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	1960.0	-	16	1702
17	-	-	BE97CJ	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	1960.0	-	17	1702
18	-	-	BE99BJ	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	1960.0	-	18	1702
20	-	-	UL92AA	-	0.0	18.0	-	TAN	0.0	-	20	1702
24	-	-	BE97NJ	-	0.0	18.0	-	VIOLET	0.0	-	24	1702
26	-	-	BE97MJ	-	0.0	18.0	-	VIOLET	0.0	-	26	1702

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
27	-	-	BE99DJ	-	0.0	18.0	-	VIOLET	0.0	-	27	1702
29	-	-	MB41D	-	0.0	18.0	-	TAN	0.0	-	1	1702
30	-	-	MB41E	-	0.0	18.0	-	TAN	0.0	-	2	1702
38	-	-	AA13Y	-	0.0	16.0	-	PINK	0.0	-	38	1702
47	-	-	TB74J	3510299 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	1675.0	-	B	A67_6202
48	-	-	TC9AE	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1350.0	-	A	A67_6202

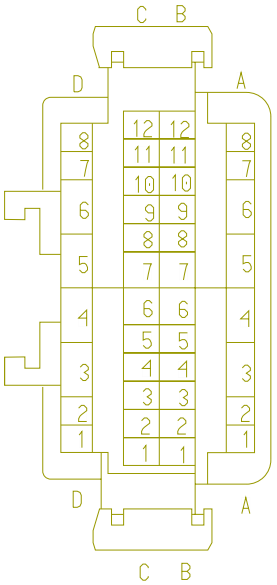
Connector Name	1703M
Part Number	3595625C1
Short Description	IP/ENGINE
Instances	Ambient Temperature (No Display, Mirror Sensor, VCU):Diagram1 Drive Mode Selector I/O (W/VCU):Diagram1 Heating Ventilation & Air Conditioning (HVAC) (W/VCU):Diagram1 - HVAC Heating Ventilation & Air Conditioning (HVAC) (W/VCU):Diagram3 - EV Components Vehicle Acceleration (Wired to VCU):Diagram1
Mates	1703F



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	AA23M	-	0.0	12.0	-	RED	0.0	-	-	-
9	-	-	AA10VA	-	0.0	18.0	-	RED	0.0	-	-	-
16	-	-	BE97B	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	2270.0	-	B4	1800
17	-	-	BE97C	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	2270.0	-	C5	1800
18	-	-	BE99B	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	2270.0	-	C4	1800
20	-	-	UL92AB	-	0.0	18.0	-	TAN	0.0	-	4	A67_1852
24	-	-	BE97NA	-	0.0	18.0	-	VIOLET	0.0	-	B6	1800

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
26	-	-	BE97MA	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	2270.0	-	B5	1800
27	-	-	BE99DA	-	0.0	18.0	-	VIOLET	0.0	-	C6	1800
29	-	-	MB41DJ	3510329 R1	0.79	18.0	Thin Wall XLPE Primary Cable	TAN	2785.0	-	E	3200M
30	-	-	MB41EJ	3510329 R1	0.79	18.0	Thin Wall XLPE Primary Cable	TAN	2785.0	-	F	3200M
38	-	-	AA13YJ	-	0.0	16.0	-	PINK	0.0	-	87	A67_1103
47	-	-	TB74	3510299 R1	0.79	18.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	3205.0	-	B5	J3-1600
48	-	-	KA9AA	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	1915.0	-	X	-

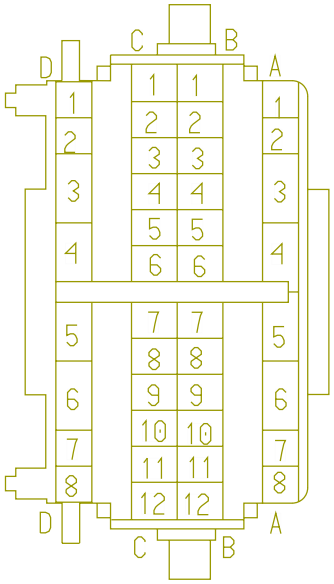
Connector Name	1800F
Part Number	3612512C1
Short Description	CAB HARNESS CONNECTOR
Instances	Compressed Air Supply (Primary & Secondary Gauge)(W/2 in 1 Inverter):Diagram1 Park Brake Controls (W/VCU):Diagram1 Service Brake Switch (2 SLS/ 1 Transducer/ 2 RDS to VCU):Diagram1 Vehicle Acceleration (Wired to VCU):Diagram1
Mates	1800



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A4	-	-	AC9V	-	0.0	18.0	-	GREY	0.0	-	X	-
A6	-	-	AB70A	-	0.0	18.0	-	ORANGE	0.0	-	C	B03_1823
B2	-	-	AB40A	-	0.0	18.0	-	GREY	0.0	-	1	B03_1812
B3	-	-	AM44BB	-	0.0	18.0	-	GREY	0.0	-	C	B03_1813
B3	-	-	AB6H	-	0.0	18.0	-	GREY	0.0	-	X	-
B4	-	-	AA99Y	-	0.0	18.0	-	VIOLET	0.0	-	B	B03_1801
B5	-	-	AA99U	-	0.0	18.0	-	VIOLET/ WHITE	0.0	-	D	B03_1801
B6	-	-	AA99W	-	0.0	18.0	-	VIOLET	0.0	-	E	B03_1801
B9	-	-	AB70	-	0.0	18.0	-	ORANGE	0.0	-	C	B03_1824
C4	-	-	AA99V	-	0.0	18.0	-	VIOLET/ WHITE	0.0	-	A	B03_1801
C5	-	-	AA99P	-	0.0	18.0	-	VIOLET/ BLACK	0.0	-	C	B03_1801
C6	-	-	AA99E	-	0.0	18.0	-	VIOLET/ BLACK	0.0	-	F	B03_1801

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
C12	-	-	AM40	-	0.0	18.0	-	GREY	0.0	-	1	B03_1811
D1	-	-	AK70BB	-	0.0	18.0	-	GREY	0.0	-	C	B03_1829
D2	-	-	AK70AC	-	0.0	18.0	-	GREY	0.0	-	X	-
D4	-	-	AK70A	-	0.0	18.0	-	GREY	0.0	-	C	B03_1831

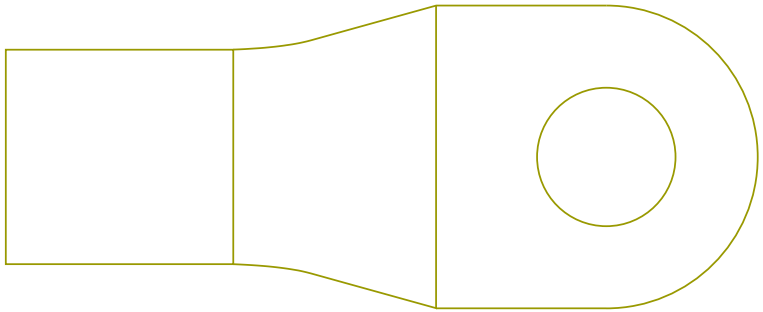
Connector Name	1800
Part Number	3553649C1
Short Description	DCM CONNECTOR
Instances	Compressed Air Supply (Primary & Secondary Gauge)(W/2 in 1 Inverter):Diagram1 Park Brake Controls (W/VCU):Diagram1 Service Brake Switch (2 SLS/ 1 Transducer/ 2 RDS to VCU):Diagram1 Vehicle Acceleration (Wired to VCU):Diagram1
Mates	1800F



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
A4	-	-	KA9C	3510311 R1	0.79	18.0	Thin Wall XLPE Primary Cable	GREY	0.0	-	X	-
A6	-	-	WB70A	3510364 R1	0.53	20.0	Thin Wall XLPE Primary Cable	RED	1385.0	-	E15	J5-1602
B2	-	-	NK40A	2643673 R1	0.79	18.0	Std. Wall XLPE Primary Cable	GREY	1365.0	-	B3	J3-1600
B3	-	-	NK6	2643673 R1	0.79	18.0	Std. Wall XLPE Primary Cable	GREY	1385.0	-	E4	J5-1602

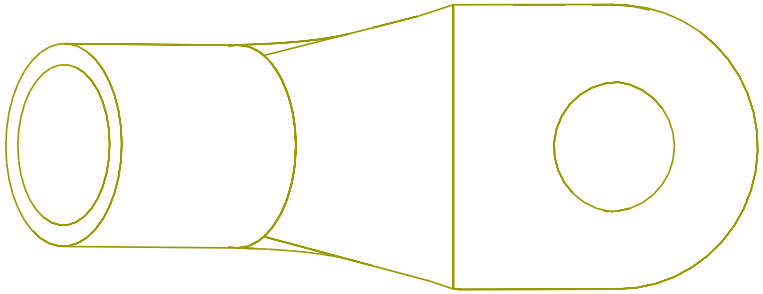
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
B4	-	-	BE97B	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	2270.0	-	16	1703M
B5	-	-	BE97MA	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	2270.0	-	26	1703M
B6	-	-	BE97NA	-	0.0	18.0	-	VIOLET	0.0	-	24	1703M
B9	-	-	WB70	3510364 R1	0.53	20.0	Thin Wall XLPE Primary Cable	RED	1385.0	-	E14	J5-1602
C4	-	-	BE99B	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	2270.0	-	18	1703M
C5	-	-	BE97C	3510347 R1	0.79	18.0	Thin Wall XLPE Primary Cable	VIOLET	2270.0	-	17	1703M
C6	-	-	BE99DA	-	0.0	18.0	-	VIOLET	0.0	-	27	1703M
C12	-	-	NK40	2643673 R1	0.79	18.0	Std. Wall XLPE Primary Cable	GREY	1365.0	-	B2	J3-1600
D1	-	-	AA101BJ	-	0.0	18.0	-	TAN	0.0	-	4	A67_1703M
D2	-	-	AA10EJ	-	0.0	18.0	-	WHITE	0.0	-	23	A67_1703M
D4	-	-	WA101BA	-	0.0	18.0	-	WHITE	0.0	-	28	A67_1703M

Connector Name 1
Part Number 2241346C1
Instances Power Lift Gate:Diagram1



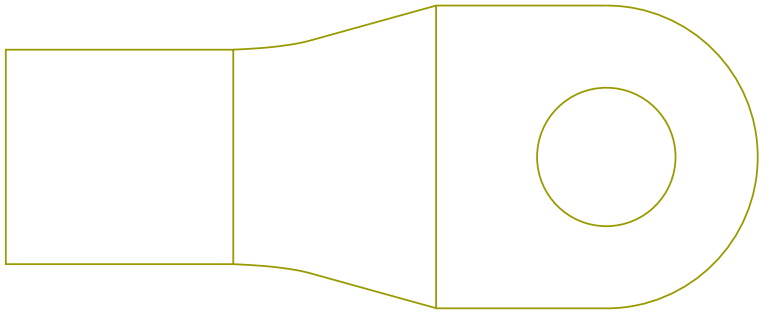
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	Smart Part	-	0.0	0.0	-	RED	0.0	-	A	2

Connector Name	1
Part Number	2241397C1
Instances	Power Lift Gate:Diagram1
Mates	RLY-Power_Lift_Gate_Relay- 2038-02-01B



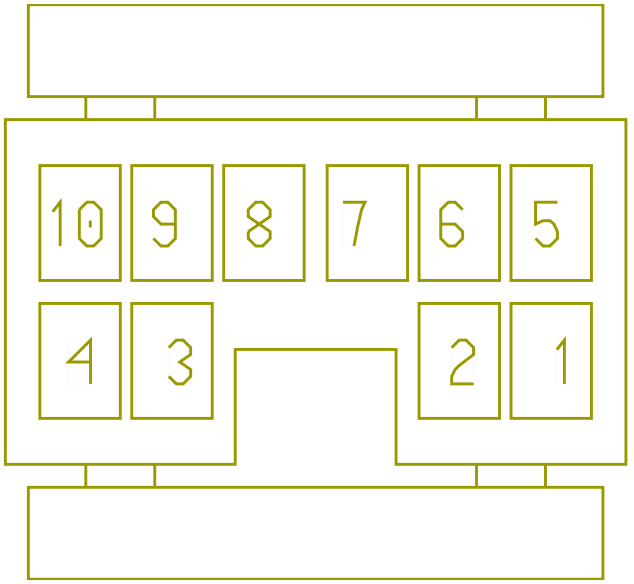
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	Smart Part 2	-	0.0	0.0	-	RED	0.0	-	A	2

Connector Name	2G
Part Number	2241342C1
Short Description	Ground Stud
Instances	Battery Management System (Post 05-2022) Option 2:Diagram1 Battery Management System (Post 05-2022) Option 2:Diagram2 Battery Management System (Pre 05-2022):Diagram1 Battery Management System (Pre 05-2022):Diagram2 Charging System (W/VCU) Dual DC/DC Converter W/ Power Solutions 0008WUC:Diagram1 eVehicle Charging (W/VCU) Onboard Charging Modules:Diagram1 Heating Ventilation & Air Conditioning (HVAC) (W/VCU):Diagram3 - EV Components Hybrid Auxiliary Power Generator for HEV (DC/AC Inverter):Diagram1 Powertrain Ground Distribution:Diagram1



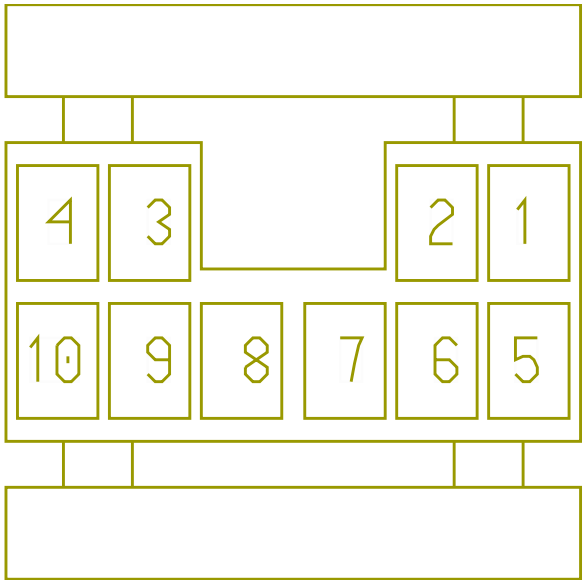
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K11	-	0.0	2.0	-	WHITE	0.0	-	PIN1	-

Connector Name	2000F
Part Number	3544687C1
Short Description	ROOF/IP CONNECTION
Instances	Park / Turn Lights Splice Packs 1623/1625/400:Diagram1
Mates	2000



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	D58T	2643672 R1	0.79	18.0	Std. Wall XLPE Primary Cable	BROWN	2000.0	-	-	-

Connector Name	2000
Part Number	3544688C1
Short Description	IP/ROOF CONNECTION
Instances	Park / Turn Lights Splice Packs 1623/1625/400:Diagram1
Mates	2000F

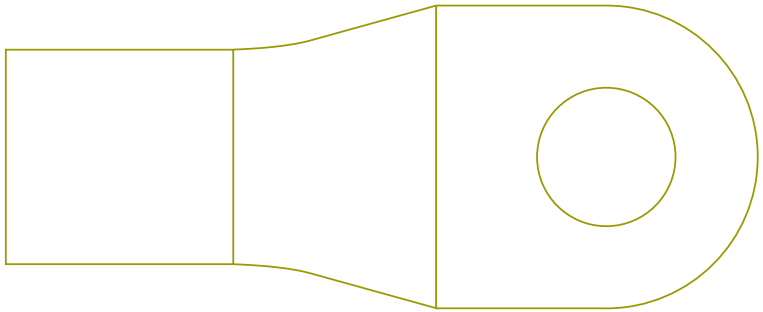


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	YP58T	3510305 R1	0.79	18.0	Thin Wall XLPE Primary Cable	BROWN	0.0	-	F	1623
1	-	-	YS58T	3510305 R1	0.79	18.0	Thin Wall XLPE Primary Cable	BROWN	1085.0	-	D	1623

Connector Name 2
Part Number BLUNT_SL_VC
Instances Power Lift Gate:Diagram1
Mates BLNT-Lift_Gate_PWR-2038-02 -01B

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	Smart Part 2	-	0.0	0.0	-	RED	0.0	-	A	1

Connector Name	2
Part Number	2241345C1
Instances	Power Lift Gate:Diagram1
Mates	RLY-Power_Lift_Gate_Relay- 2038-02-01B

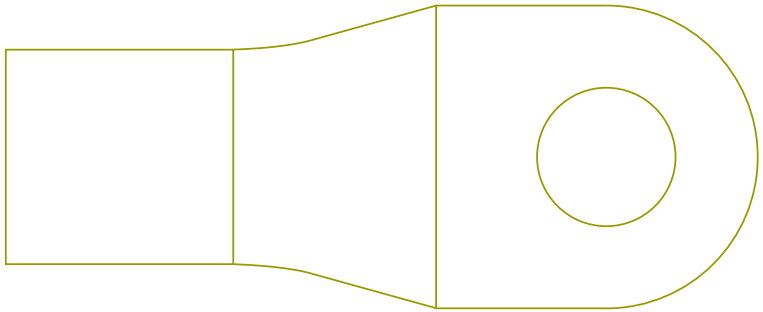


Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	Smart Part	-	0.0	0.0	-	RED	0.0	-	A	1

Connector Name 3G

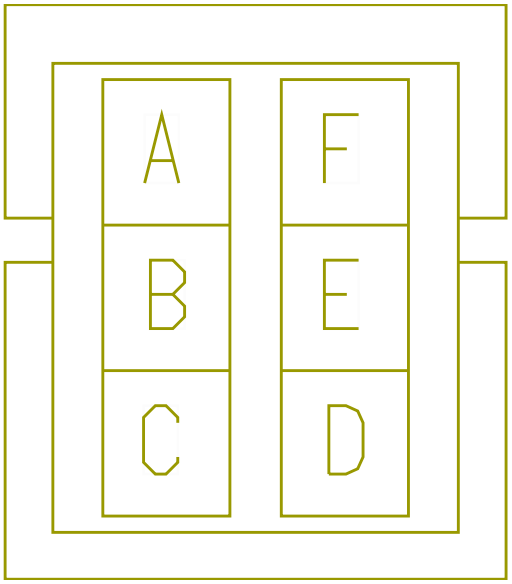
Part Number 2241337C1

Instances Battery Thermal Management (W/VCU) BTMS:Diagram1
Powertrain Ground Distribution:Diagram1



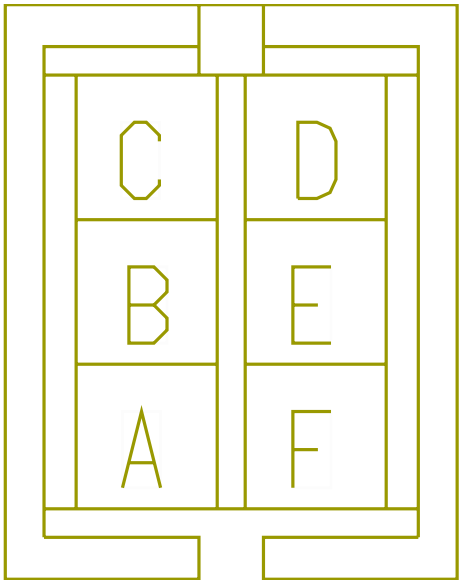
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K11A	-	0.0	4.0	-	WHITE	0.0	-	A	K03_6059B
A	-	-	K11A	-	0.0	4.0	-	WHITE	0.0	-	-	-

Connector Name	3200F
Part Number	1661201C1
Short Description	DOOR/IP INTERCONNECT
Instances	Ambient Temperature (No Display, Mirror Sensor, VCU):Diagram1
Mates	3200M



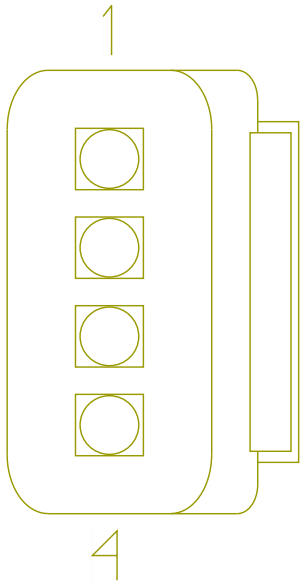
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
E	-	-	ET41D	3510329 R1	0.79	18.0	Thin Wall XLPE Primary Cable	TAN	1025.0	-	C	E01_3000
F	-	-	ET41E	3510329 R1	0.79	18.0	Thin Wall XLPE Primary Cable	TAN	1025.0	-	D	E01_3000

Connector Name	3200M
Part Number	1661200C1
Short Description	IP/DOOR INTERCONNECT 2
Instances	Ambient Temperature (No Display, Mirror Sensor, VCU):Diagram1
Mates	3200F



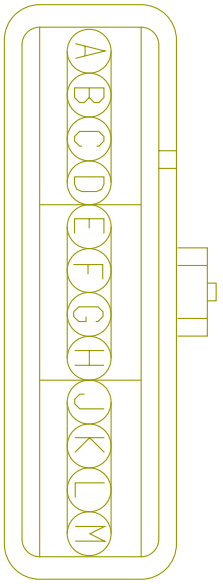
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
E	-	-	MB41DJ	3510329 R1	0.79	18.0	Thin Wall XLPE Primary Cable	TAN	2785.0	-	29	1703M
F	-	-	MB41EJ	3510329 R1	0.79	18.0	Thin Wall XLPE Primary Cable	TAN	2785.0	-	30	1703M

Connector Name	3202M
Part Number	3820176C1
Instances	Low Speed J1939 (125Kbps):Low Speed J1939 (125Kbps) Power Door Locks (2-Door):Diagram1 Remote Keyless Access:Diagram1
Mates	DEV-FRONT_PS_DOOR_POD-01



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
2	-	-	-	-	-	-	-	-	-	-	-	-
2	-	-	WIRE196494	-	0.0	-	-	-	0.0	-	B	E01_3200F
3	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	WIRE196495	-	0.0	-	-	-	0.0	-	A	E01_3200F

Connector Name	400
Part Number	3543733C1
Instances	Park / Turn Lights Splice Packs 1623/1625/400:Diagram1
Mates	SP-TURN_SIGNAL_SPLICE_PACK -B000-10-A1



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	YU57A	-	0.0	16.0	-	ORANGE	0.0	-	-	-
B	-	-	AAP57T	-	0.0	16.0	-	ORANGE	0.0	-	-	-
C	-	-	YX57BC	3510300 R1	1.16	16.0	Thin Wall XLPE Primary Cable	LIGHT GREEN	805.0	-	-	-
E	-	-	AAD56AA	-	0.0	16.0	-	ORANGE	0.0	-	-	-
F	-	-	AAP56T	-	0.0	16.0	-	ORANGE	0.0	-	-	-
H	-	-	YX56BC	3510336 R1	1.16	16.0	Thin Wall XLPE Primary Cable	YELLOW 2	805.0	-	-	-
J	-	-	ZC71BA	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	0.0	-	-	-

Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
J	-	-	ZJ71AB	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	1805.0	-	-	-
J	-	-	ZL71AC	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	1805.0	-	-	-
J	-	-	ZH71AC	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	2250.0	-	-	-
J	-	-	ZA71BK	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	2855.0	-	-	-
K	-	-	ZG71BC	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	175.0	-	-	-
K	-	-	ZK71CB	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	175.0	-	-	-
K	-	-	ZA71A	-	0.0	16.0	-	ORANGE	0.0	-	-	-
K	-	-	ZC71BK	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	0.0	-	-	-
K	-	-	ZE71AD	3510318 R1	1.16	16.0	Thin Wall XLPE Primary Cable	ORANGE	805.0	-	-	-

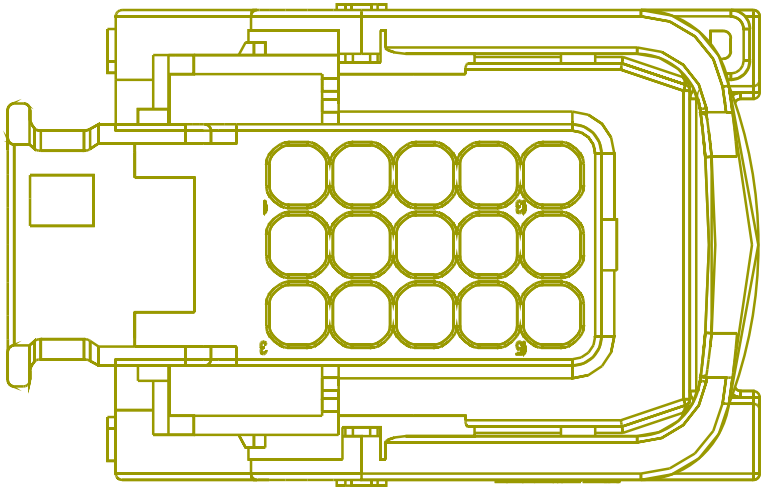
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
M	-	-	ZU71D	3510317 R1	0.79	18.0	Thin Wall XLPE Primary Cable	ORANGE	1175.0	-	-	-

Connector Name 6081

Part Number 6113341C1

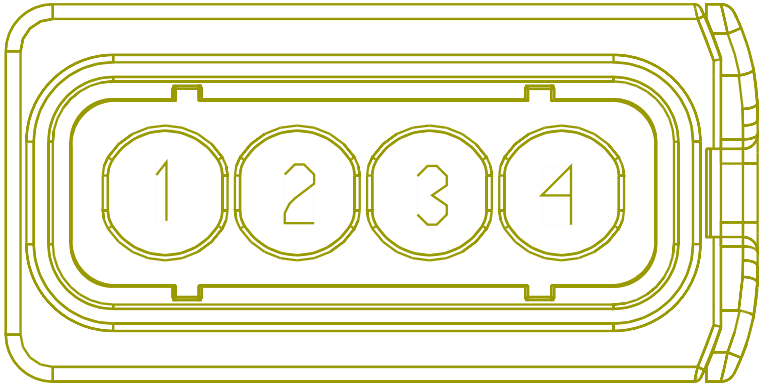
Instances (PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)

Mates CP-B1-K03-3D



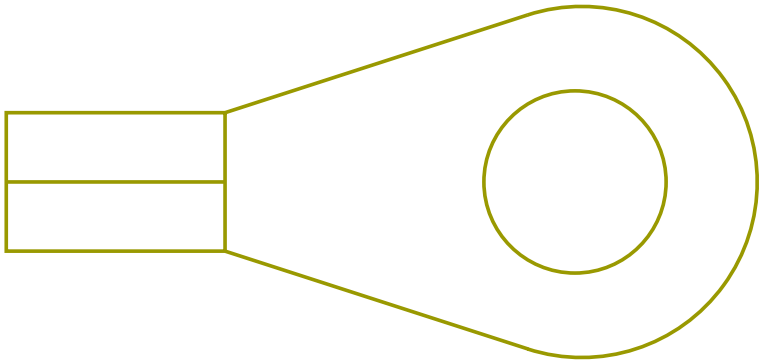
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connector
1	-	-	K23T	-	0.0	14.0	-	ORANGE	0.0	-	PIN1	-
4	-	-	K14W	-	0.0	16.0	-	RED	0.0	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-

Connector Name	6082
Part Number	6113338C1
Instances	(PDM 1) VCU PDM and (PDM 2) Underhood PDM (Rev 2):VCU Mounted PDM (PDM 1) and Underhood PDM (PDM 2)
Mates	CP-B1-K03-2E



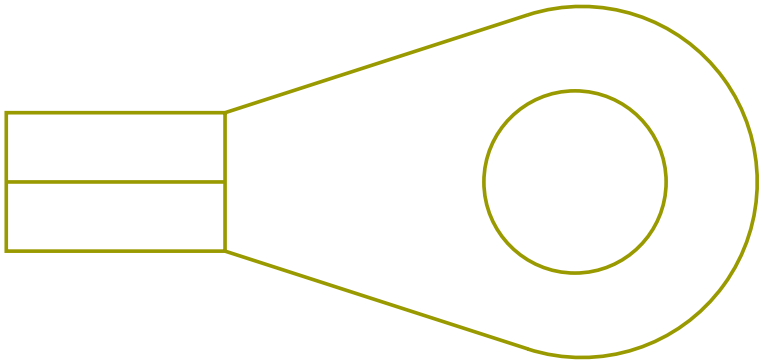
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	K74B	-	0.0	12.0	-	RED	0.0	-	-	-

Connector Name	9300A
Part Number	3762701C1
Short Description	Ground Stud
Instances	Battery Management System (Post 05-2022) Option 2:Diagram1 Battery Management System (Pre 05-2022):Diagram1 Powertrain Ground Distribution:Diagram1



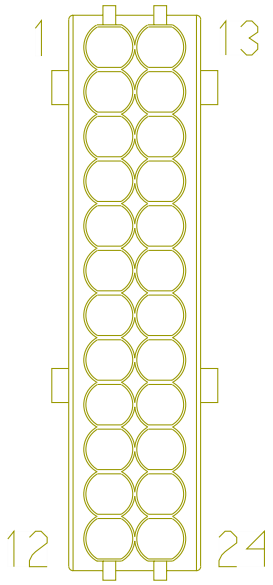
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K10C	-	0.0	10.0	-	WHITE	0.0	-	PIN1	-

Connector Name 9300B
Part Number 3762701C1
Instances Powertrain Ground Distribution:Diagram1



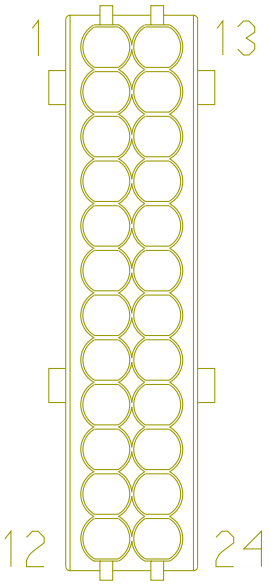
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
A	-	-	K10D	-	0.0	10.0	-	WHITE	0.0	-	PIN1	-

Connector Name	9800
Part Number	3558022C1
Short Description	CONNECTION TO CENTER HARNESS
Instances	Traction Control (Bendix, VCU):Diagram1
Mates	9800



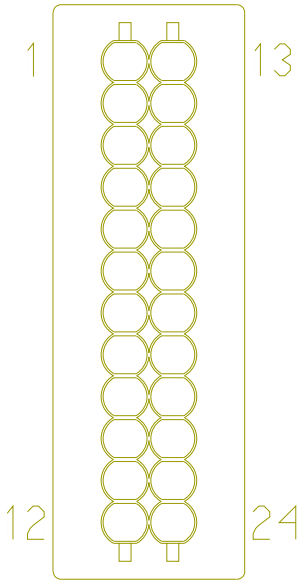
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	94BD	-	0.0	16.0	-	BROWN	0.0	-	1	R01_4950
2	-	-	94BE	-	0.0	16.0	-	GREY	0.0	-	-	-

Connector Name	9800
Part Number	3558022C1
Short Description	CONNECTION TO CENTER HARNESS
Instances	End of Frame Aux Work Light (One Light N/Relay):Diagram1
Mates	9800



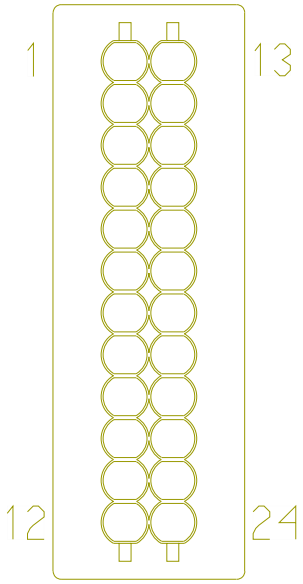
Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
7	-	-	65	-	0.0	16.0	-	ORANGE	0.0	-	-	-
8	-	-	65-G	-	0.0	16.0	-	WHITE	0.0	-	B	R01_9767

Connector Name	9800
Part Number	3558026C1
Short Description	CONNECTION TO REAR CHASSIS HARNESS
Instances	Traction Control (Bendix, VCU):Diagram1
Mates	9800



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
1	-	-	94BD	-	0.0	16.0	-	BROWN	0.0	-	-	-
2	-	-	94BE	-	0.0	16.0	-	GREY	0.0	-	14	1701F

Connector Name	9800
Part Number	3558026C1
Short Description	CONNECTION TO REAR CHASSIS HARNESS
Instances	End of Frame Aux Work Light (One Light N/Relay):Diagram1
Mates	9800



Name	Terminal Part Number	V-Min	Name	Wire Part Number	Wire CSA	Wire Spec	Wire Material description	Wire Color Description	Wire Length	End2 Terminal Part Number	End2 Pin Name	End2 Connect or
7	-	-	65	-	0.0	16.0	-	ORANGE	0.0	-	68	N03_1701F
8	-	-	65-G	-	0.0	16.0	-	WHITE	0.0	-	-	-

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