

2014 ELECTRICAL

Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

WIRING HARNESS ROUTING VIEWS

HARNESS ROUTING VIEWS

Left Rear Passenger Compartment

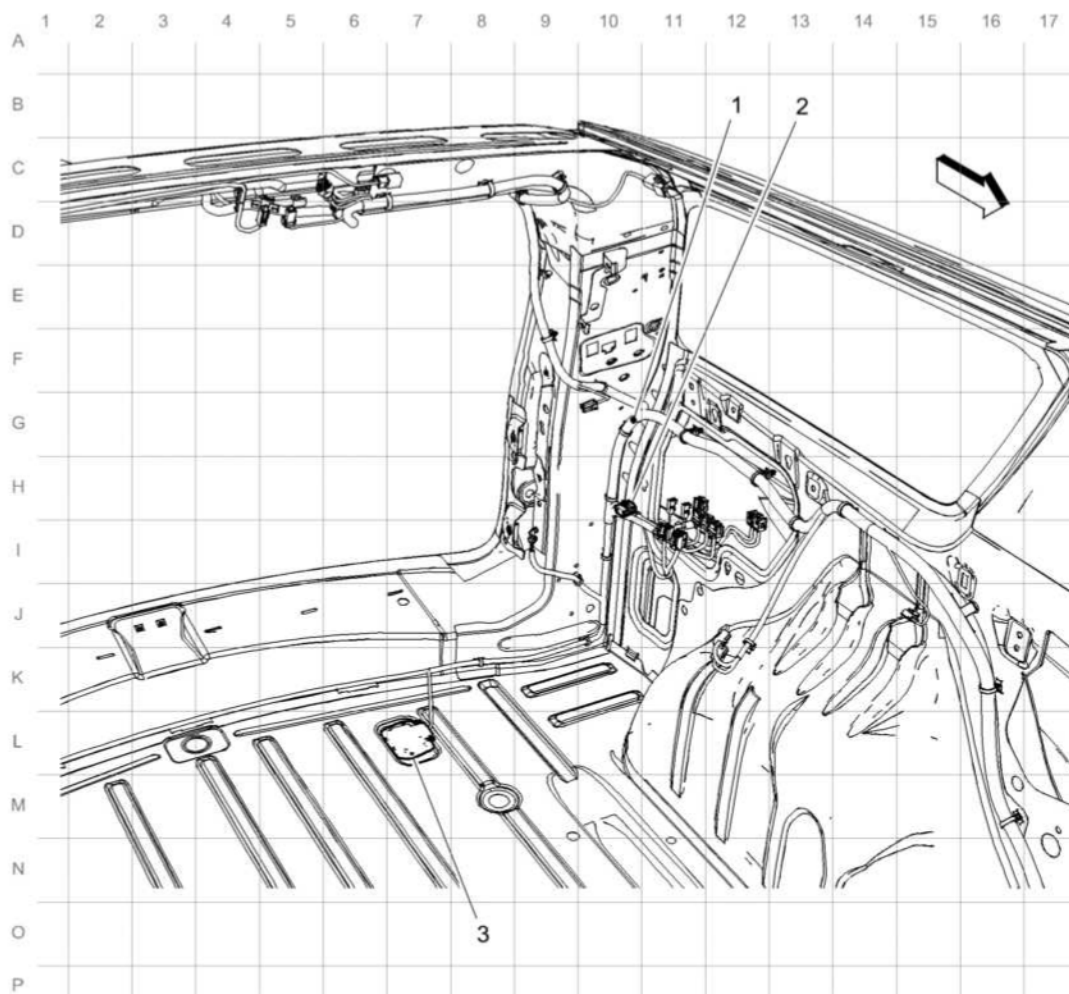


Fig. 1: Left Rear Passenger Compartment
Courtesy of GENERAL MOTORS COMPANY

Items

1: JX405

2: X405 X405 Rear Chassis Harness to Body Harness

Front Floor Console Harness Routing

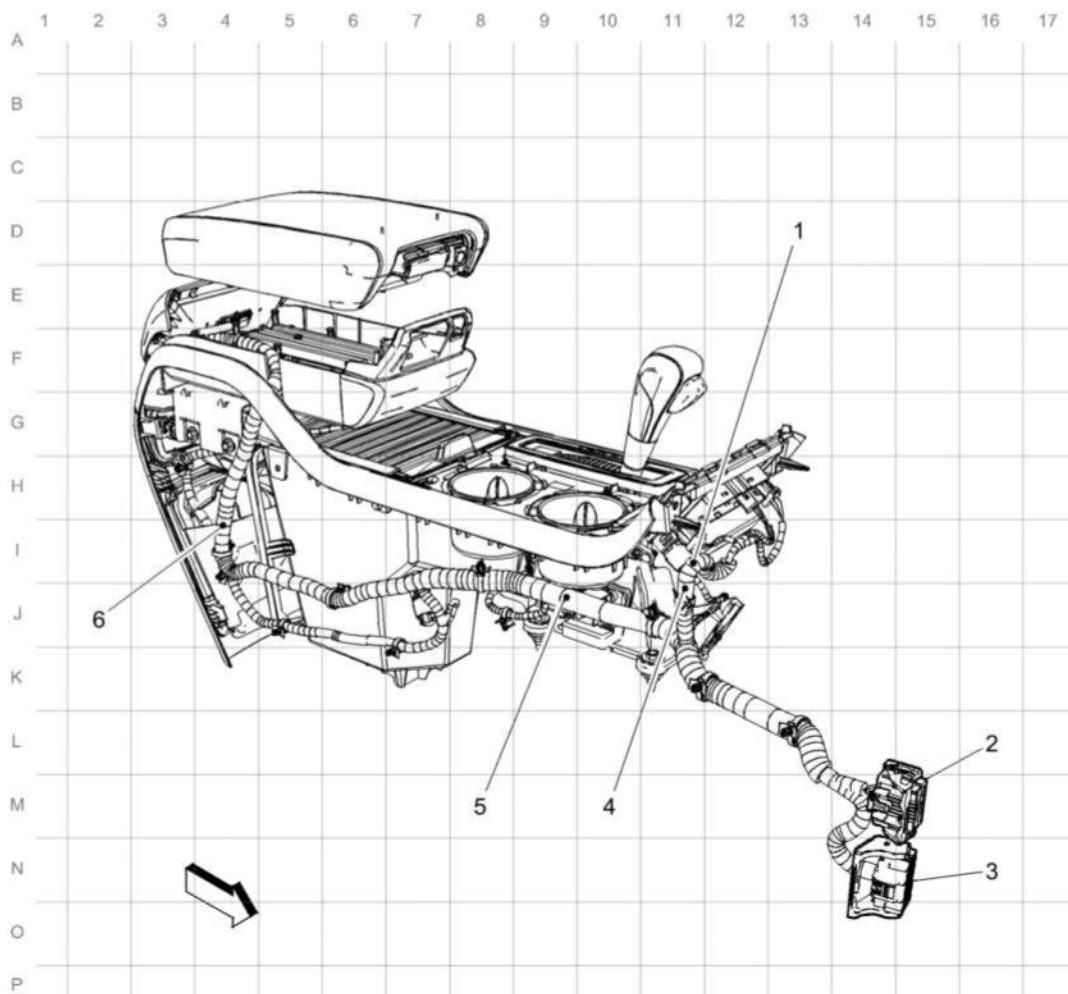


Fig. 2: Front Floor Console Harness Routing
 Courtesy of GENERAL MOTORS COMPANY

Items

- 1: J371 ((without KA1 or ULD))
- 2: X240 **X240 Instrument Panel Harness to Floor Console Harness**
- 3: X340 **X340 Floor Console Harness to Body Harness**
- 4: J377
- 5: J379 ((without ULD))
- 6: J375

Steering Wheel Harness Routing

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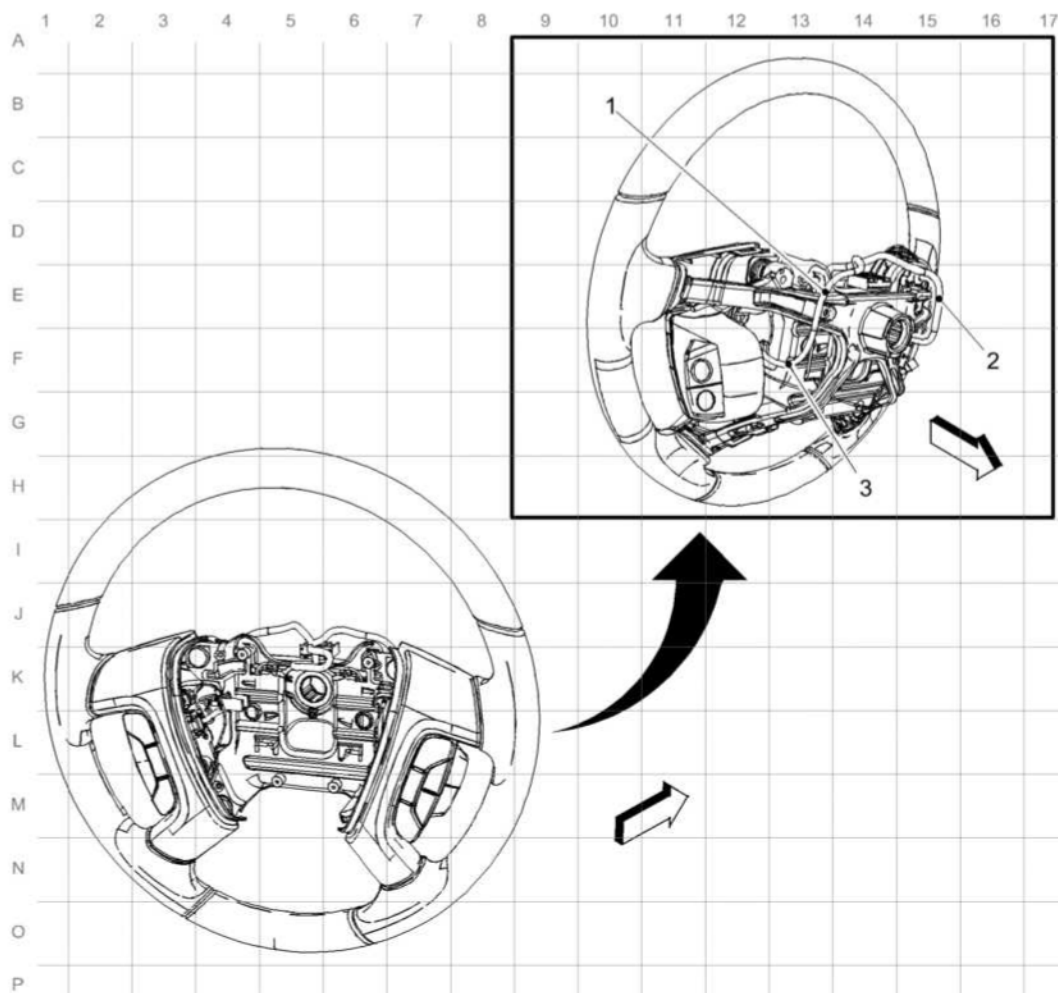


Fig. 3: Steering Wheel Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: J297
- 2: J295 ((UK3))
- 3: J291 ((UK3))

Instrument Panel Harness Routing - Engine Compartment

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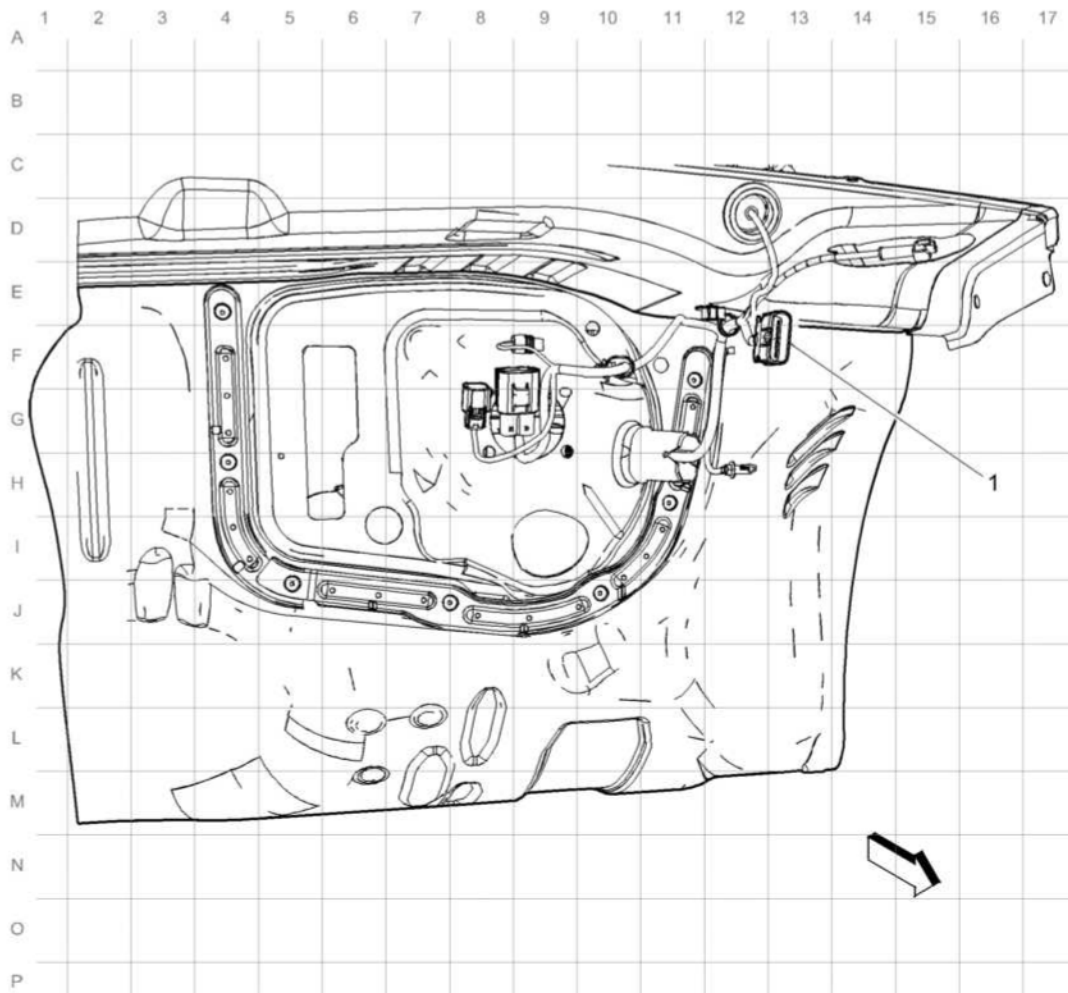


Fig. 4: Instrument Panel Harness Routing - Engine Compartment
Courtesy of GENERAL MOTORS COMPANY

Items

1: X111 X111 Engine Harness to Instrument Panel Harness

Steering Column Harness Routing

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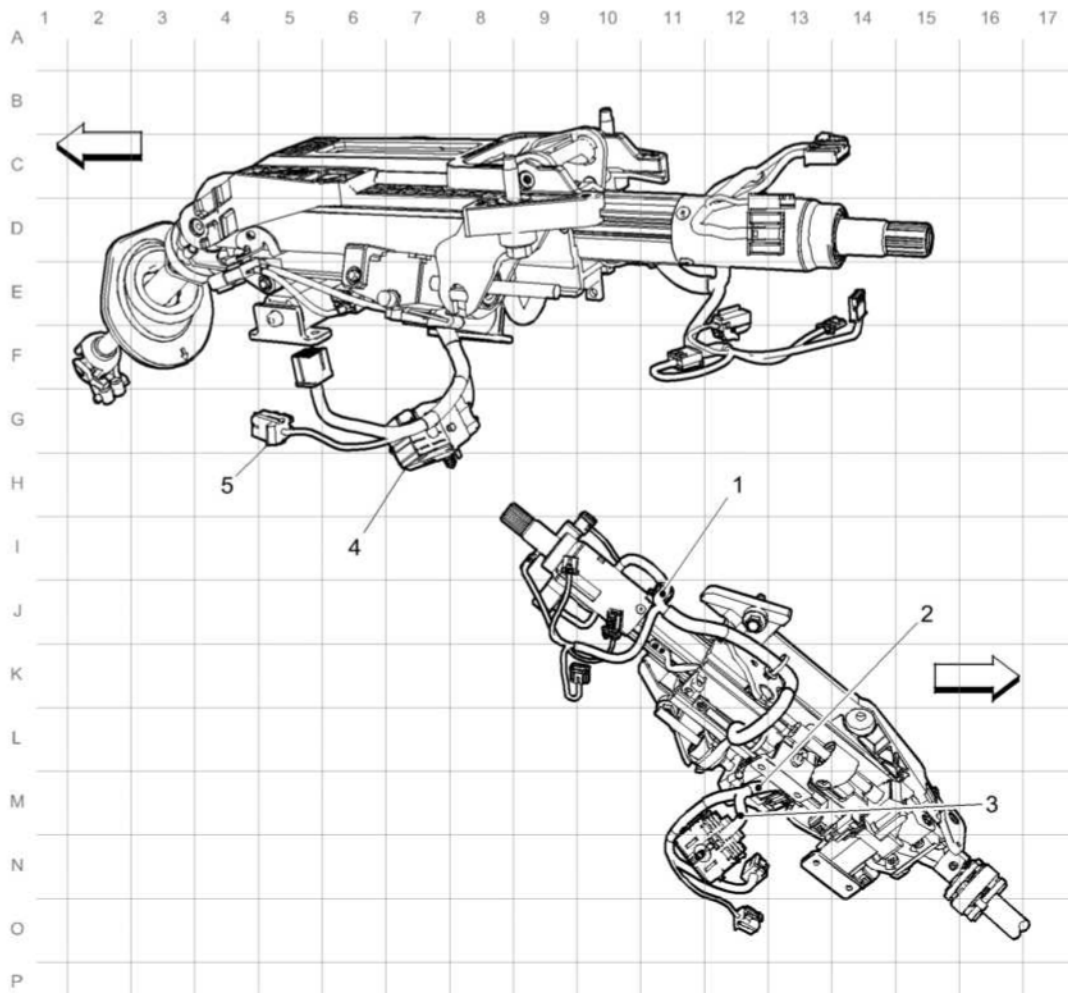


Fig. 5: Steering Column Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: J293
- 2: J271
- 3: J253
- 4: X201 **X201 Instrument Panel Harness to Steering Column Harness**
- 5: X211 **X211 Body Harness to Steering Column Harness**

Driver Door Harness Routing

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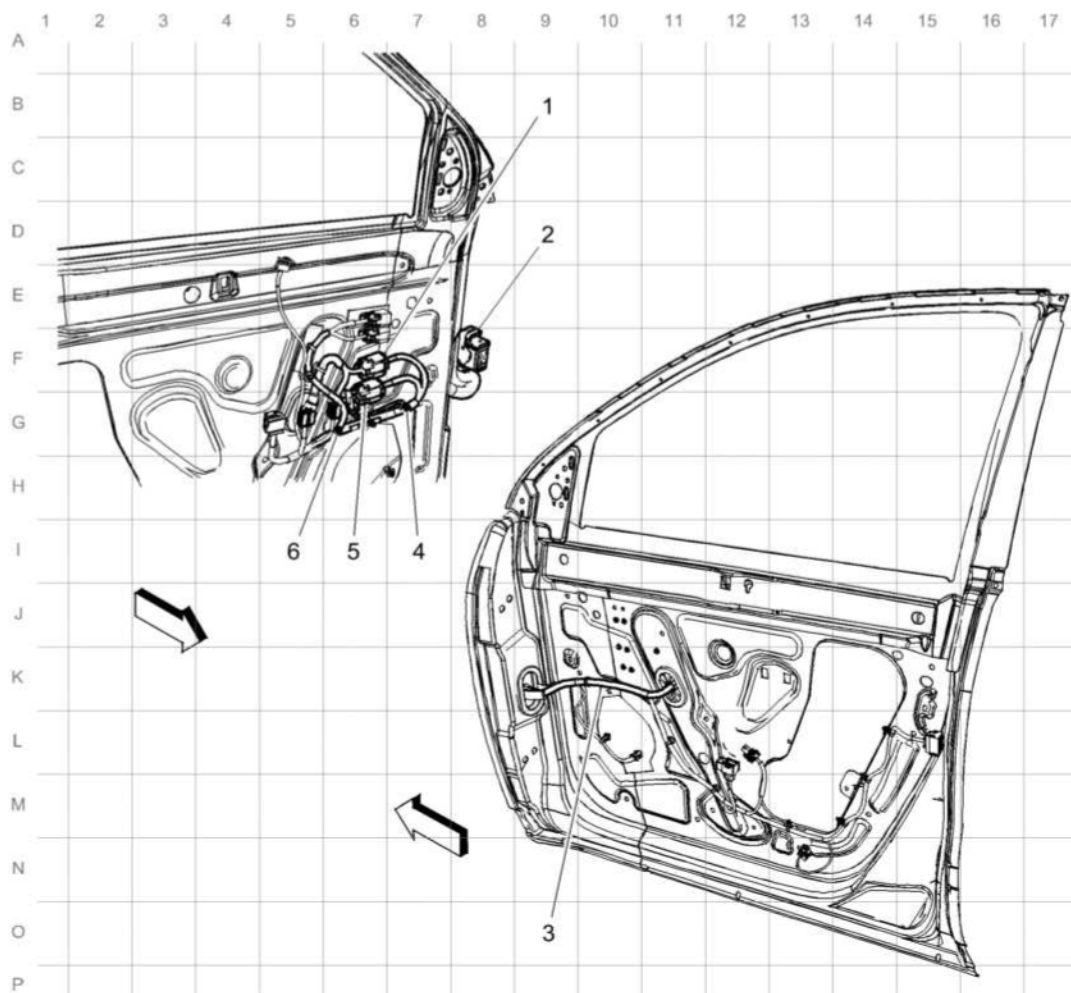


Fig. 6: Driver Door Harness Routing

Courtesy of GENERAL MOTORS COMPANY

Items

- 1: J577 ((without AXE))
- 2: X553 X553 Driver Door Trim Panel Harness to Driver Door Harness
- 3: X500 X500 Driver Door Harness to Body Harness
- 4: J555
- 5: J575
- 6: X555 X555 Driver Door Trim Panel Harness to Driver Door Harness

Overhead Console Harness Routing

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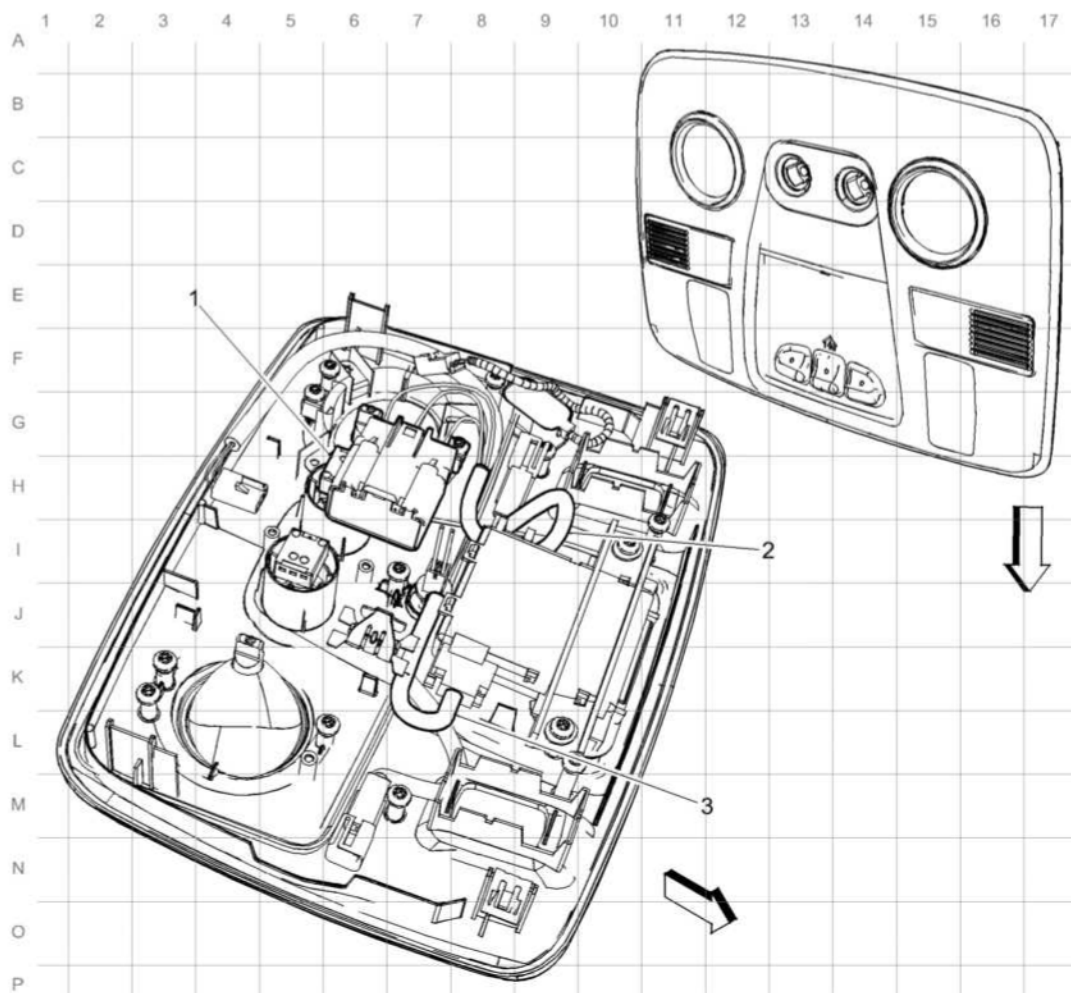


Fig. 7: Overhead Console Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X343 X343 Headliner Harness to Front Overhead Console Harness
- 2: J328
- 3: J364 ((C3U))

Left Rear Door Harness Routing

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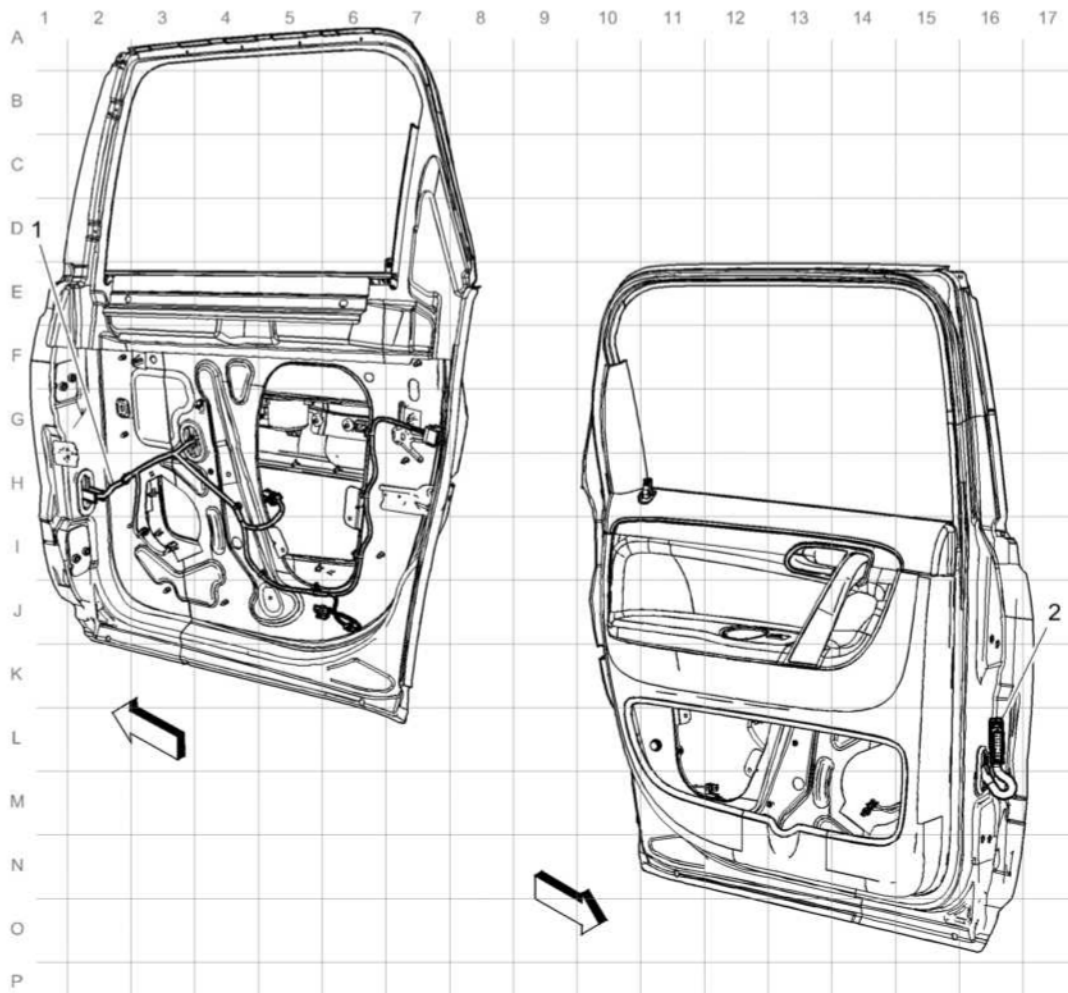


Fig. 8: Left Rear Door Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items

1: J711

2: X700 X700 Left Rear Door Harness to Body Harness

Passenger Door Harness Routing

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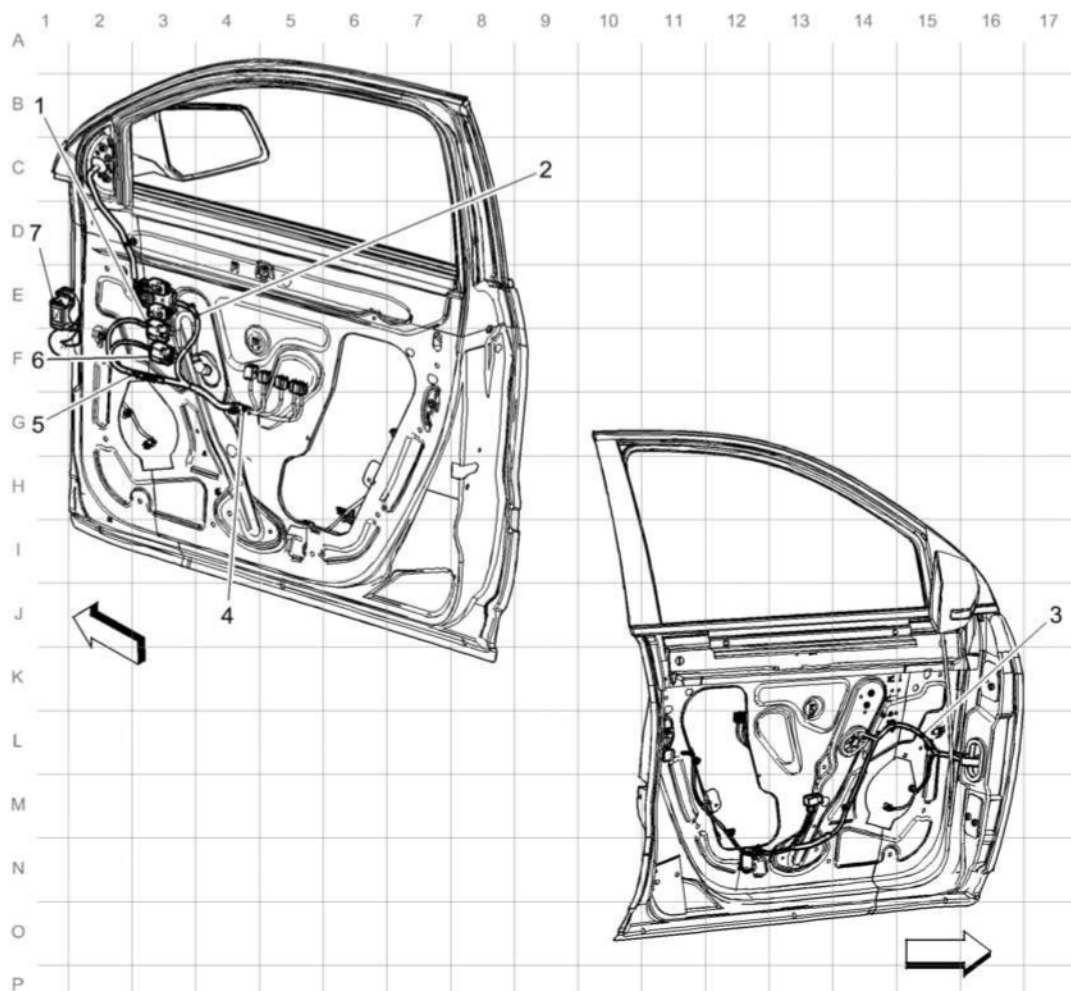


Fig. 9: Passenger Door Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X666 X666 Passenger Door Trim Panel Harness to Passenger Door Harness
- 2: J602
- 3: J600 ((without AXE))
- 4: J666 ((without AXE))
- 5: J602
- 5: X664 X664 Passenger Door Trim Panel Harness to Passenger Door Harness
- 7: X600 X600 Passenger Door Harness to Body Harness

Right Rear Door Harness Routing

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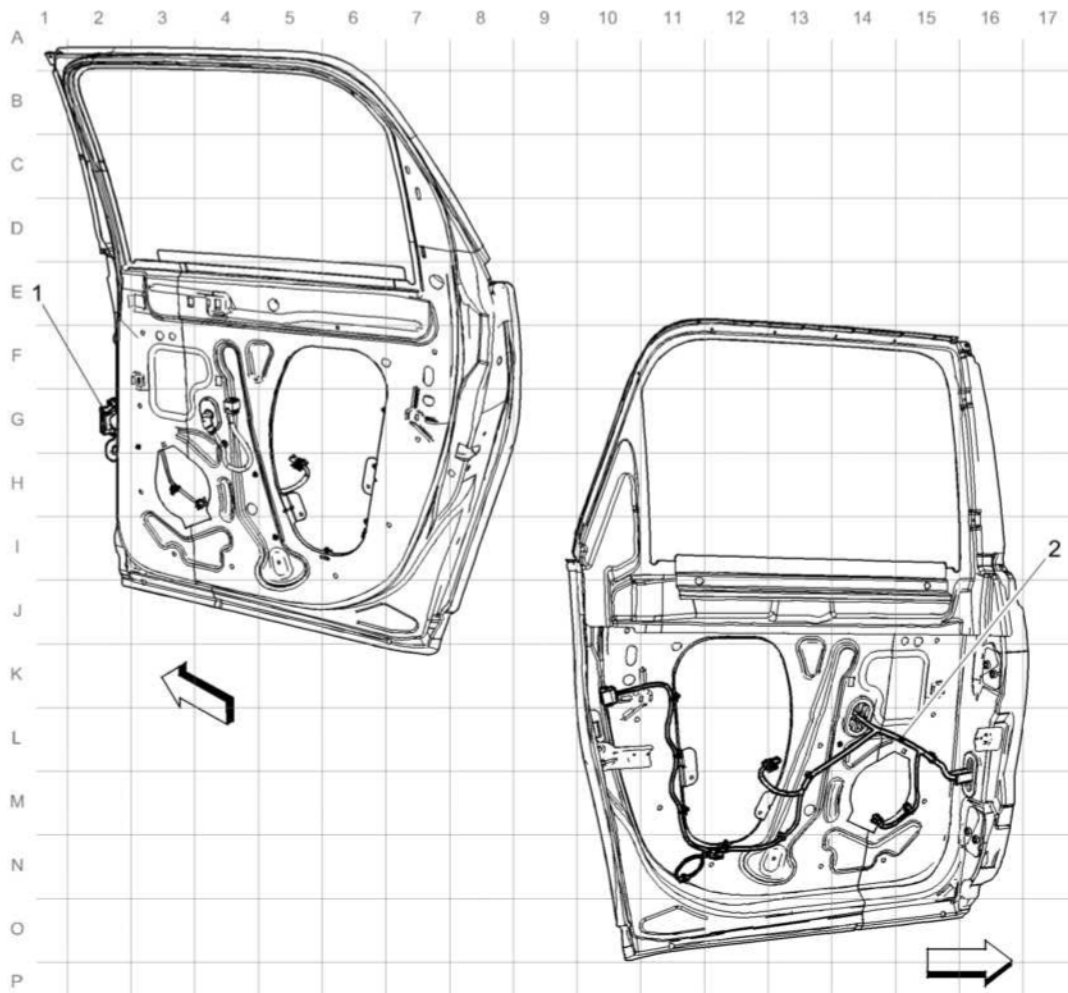


Fig. 10: Right Rear Door Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items

1: X800 X800 Right Rear Door Harness to Body Harness

2: J800

Engine Harness Splice Routing - Rear

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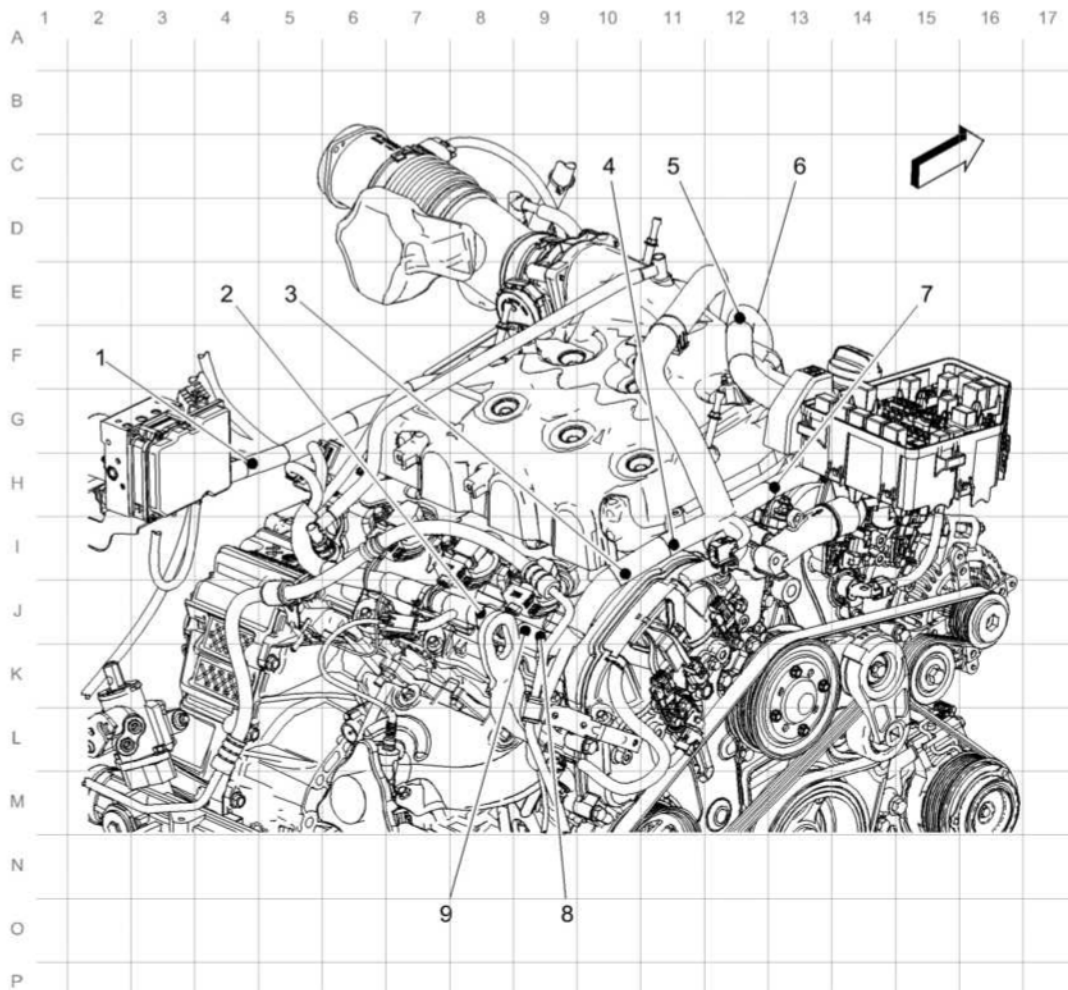


Fig. 11: Engine Harness Splice Routing - Rear
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: J117 ((TSH or T26))
- 2: J112
- 3: J141
- 4: J143
- 5: J132
- 6: J133
- 7: J140
- 8: J131
- 9: J144

Engine Harness Splice Routing - Front

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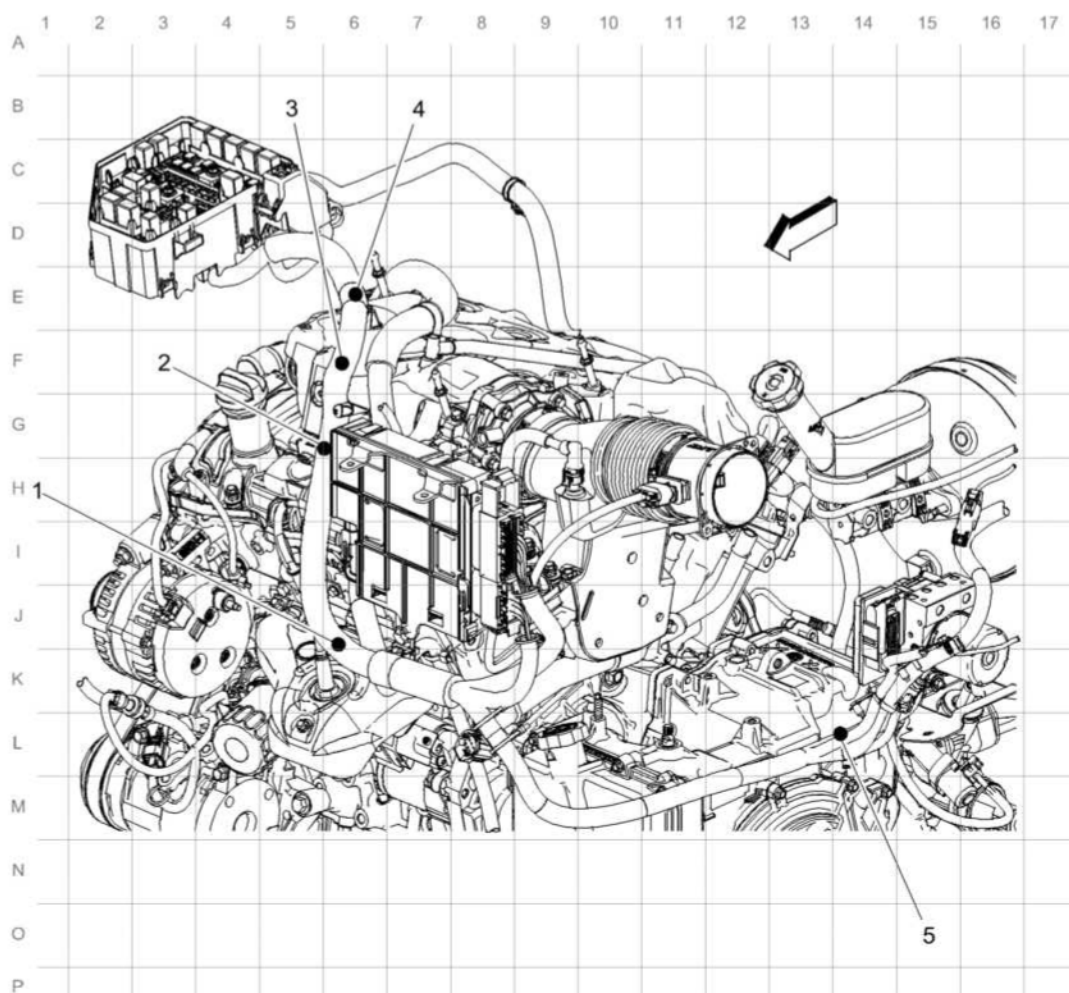


Fig. 12: Engine Harness Splice Routing - Front
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: J134
- 2: J143
- 3: J133
- 4: J132
- 5: J117 ((TSH or T26))

Driver Seat Harness Routing (AG3)

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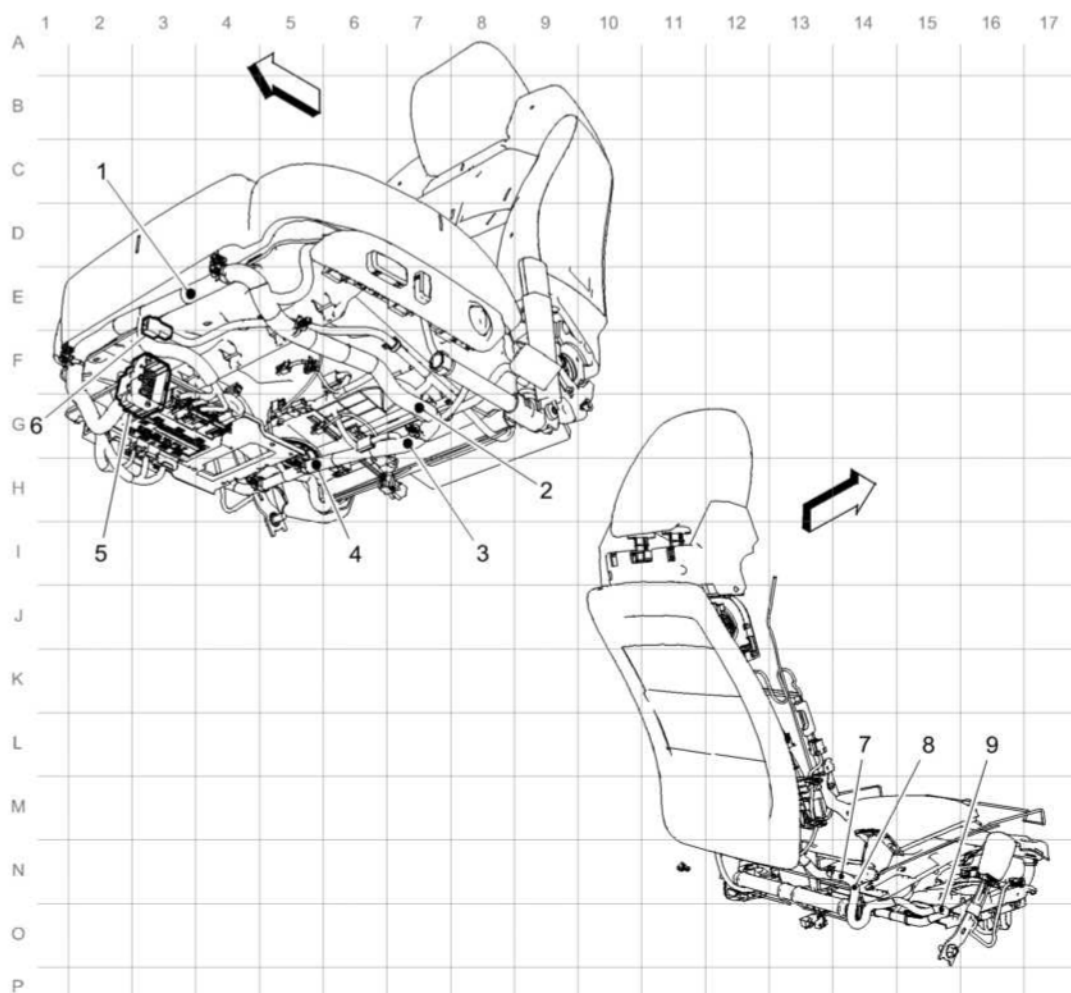


Fig. 13: Driver Seat Harness Routing (AG3)
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: J357
- 2: J355 ((AG3 or AH5))
- 3: J353 ((KA1))
- 4: J354 ((AG3))
- 5: X315 X315 Body Harness to Driver Seat Harness
- 6: X333 X333 Body Harness to Driver Seat SIR Jumper Harness
- 7: J358 ((KB6))
- 8: J359 ((KB6))
- 9: J350 ((AG3))

Driver Seat Harness Routing (Without AG3)

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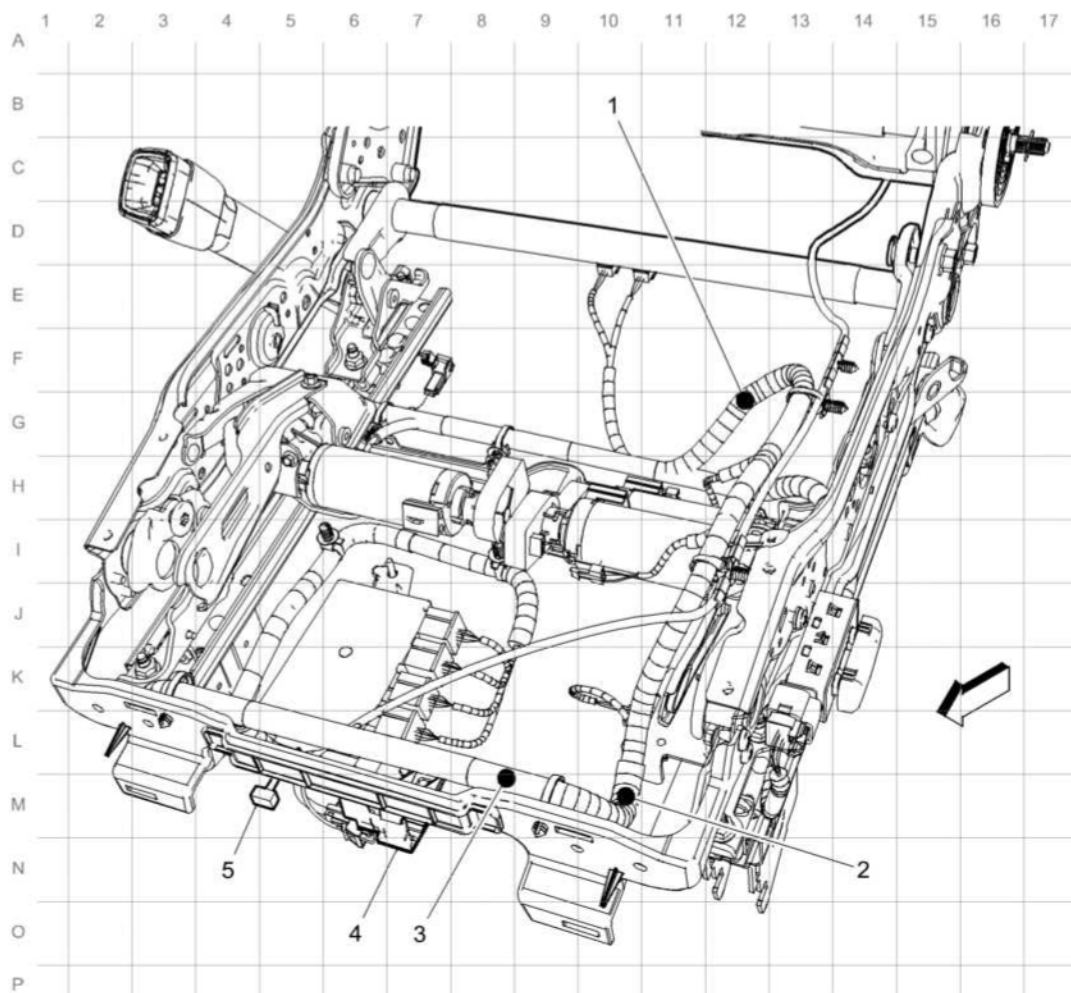


Fig. 14: Driver Seat Harness Routing (Without AG3)
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: J355 ((AG3 or AH5))
- 2: J353 ((KA1))
- 3: J357
- 4: X315 X315 Body Harness to Driver Seat Harness
- 5: X333 X333 Body Harness to Driver Seat SIR Jumper Harness

Passenger Seat Harness Routing

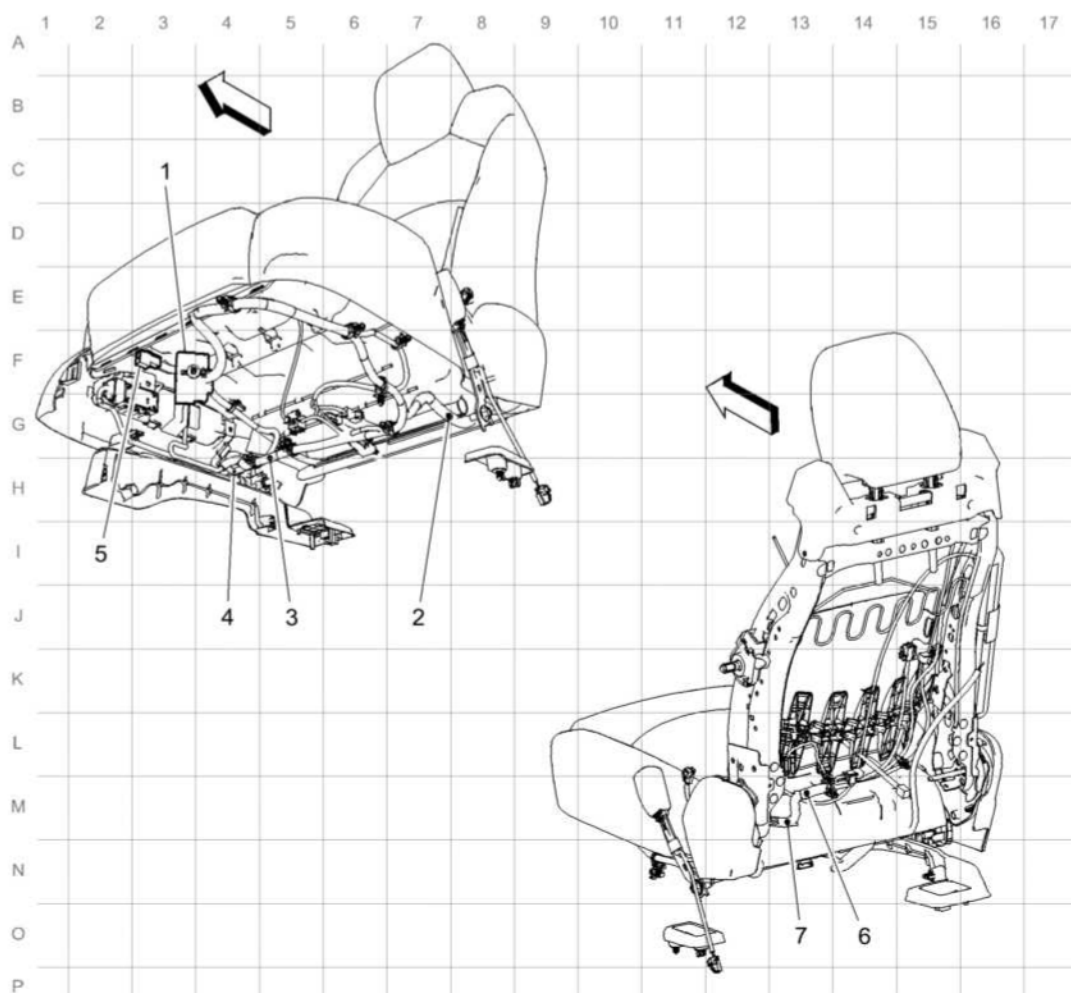


Fig. 15: Passenger Seat Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X314 X314 Body Harness to Passenger Seat Harness**
- 2: J342 ((KA1))**
- 3: J344 ((AAQ or KB6))**
- 4: J346 ((AAQ))**
- 5: X332 X332 Body Harness to Passenger Seat SIR Jumper Harness**
- 6: J349 ((KB6))**
- 7: J347 ((KB6))**

Body Harness Routing - Right Rear Passenger Compartment

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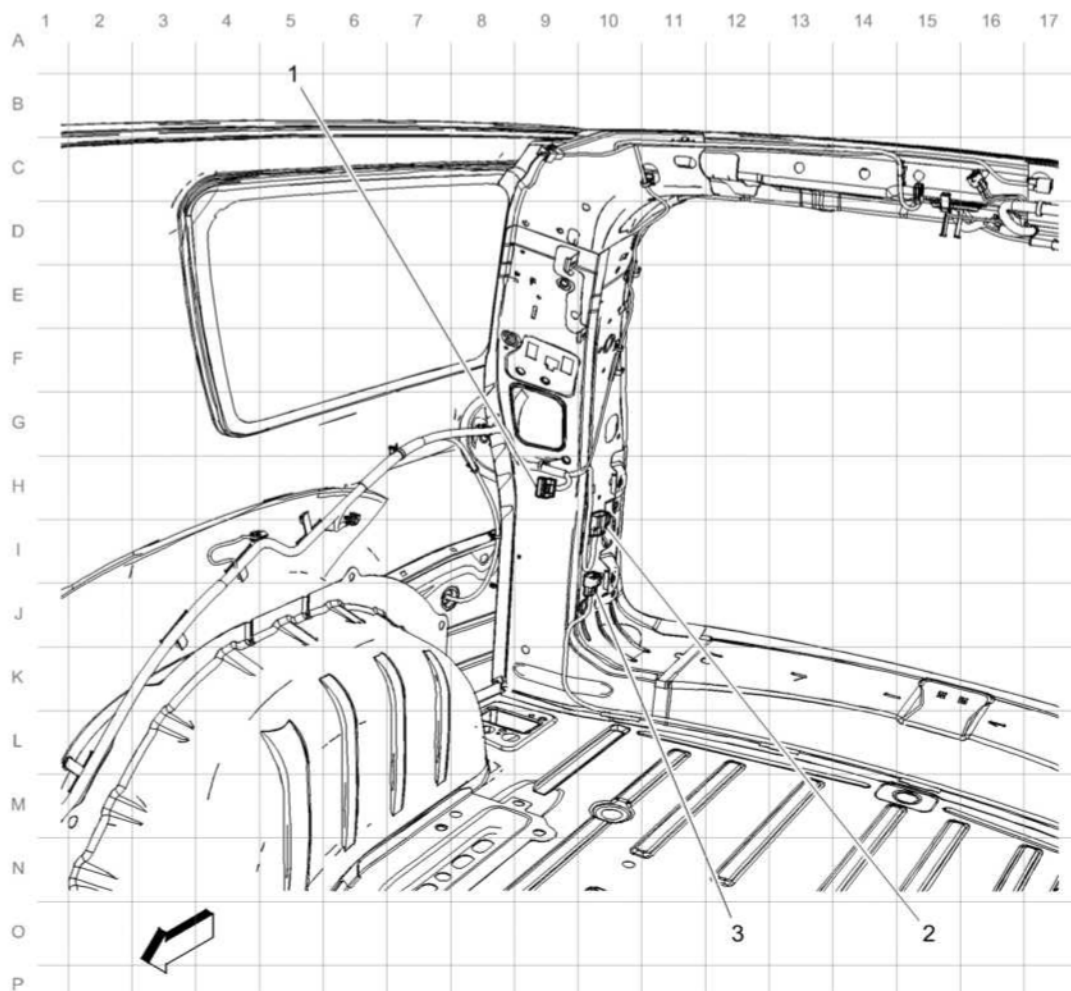


Fig. 16: Body Harness Routing - Right Rear Passenger Compartment
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X452 X452 Rear HVAC Harness to Body Harness
- 2: X420 X420 Body Harness to Right Tail Lamp Harness (T89) X420 Body Harness to Right Tail Lamp Harness (without T89)
- 3: X422 X422 Headliner Harness to Body Harness

Body Harness Routing - Front Passenger Compartment

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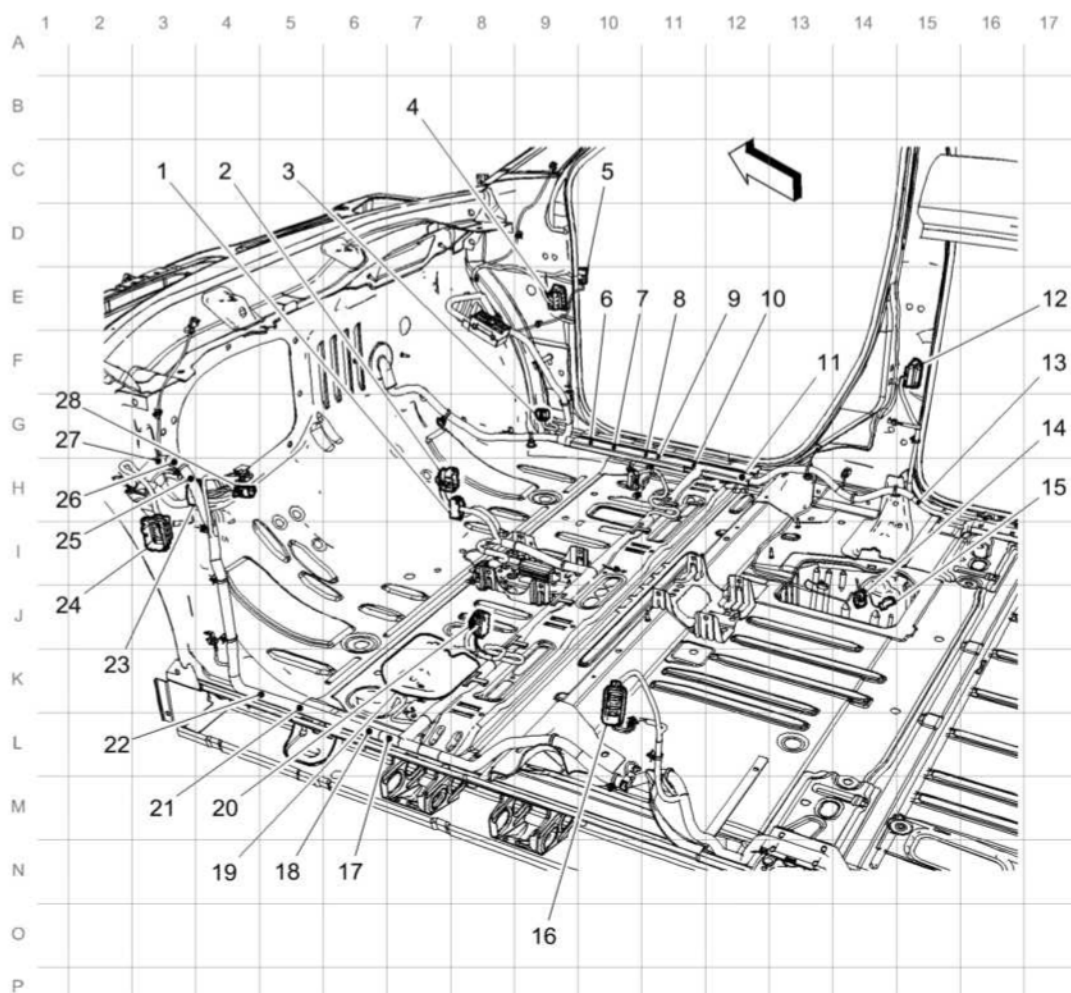


Fig. 17: Body Harness Routing - Front Passenger Compartment
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X202 X202 Body Harness to Instrument Panel Harness
- 2: X340 X340 Floor Console Harness to Body Harness
- 3: X200 X200 Body Harness to Instrument Panel Harness
- 4: X600 X600 Passenger Door Harness to Body Harness
- 5: X252 X252 Instrument Panel Harness to Body Harness
- 6: J308
- 7: J304
- 8: J322
- 9: J324
- 10: J325 ((KB6))
- 11: J319
- 12: X800 X800 Right Rear Door Harness to Body Harness

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13: J313

14: X325 X325 Body Harness to Battery Positive Cable Harness (UE1)

15: X325 X325 Body Harness to Battery Positive Cable Harness (UE1)

16: X700 X700 Left Rear Door Harness to Body Harness

17: J323

18: J321 ((DD8 or UVC))

19: X305 X305 Fuel Tank Harness to Body Harness

20: X333 X333 Body Harness to Driver Seat SIR Jumper Harness

21: J313

22: J315 ((without X88))

23: X209 X209 Trailer Brake Harness to Body Harness (V92)

24: X500 X500 Driver Door Harness to Body Harness

25: J302

26: J311

27: J320

28: X205 X205 Body Harness to Instrument Panel Harness (N38)

Rear Bumper Harness Routing

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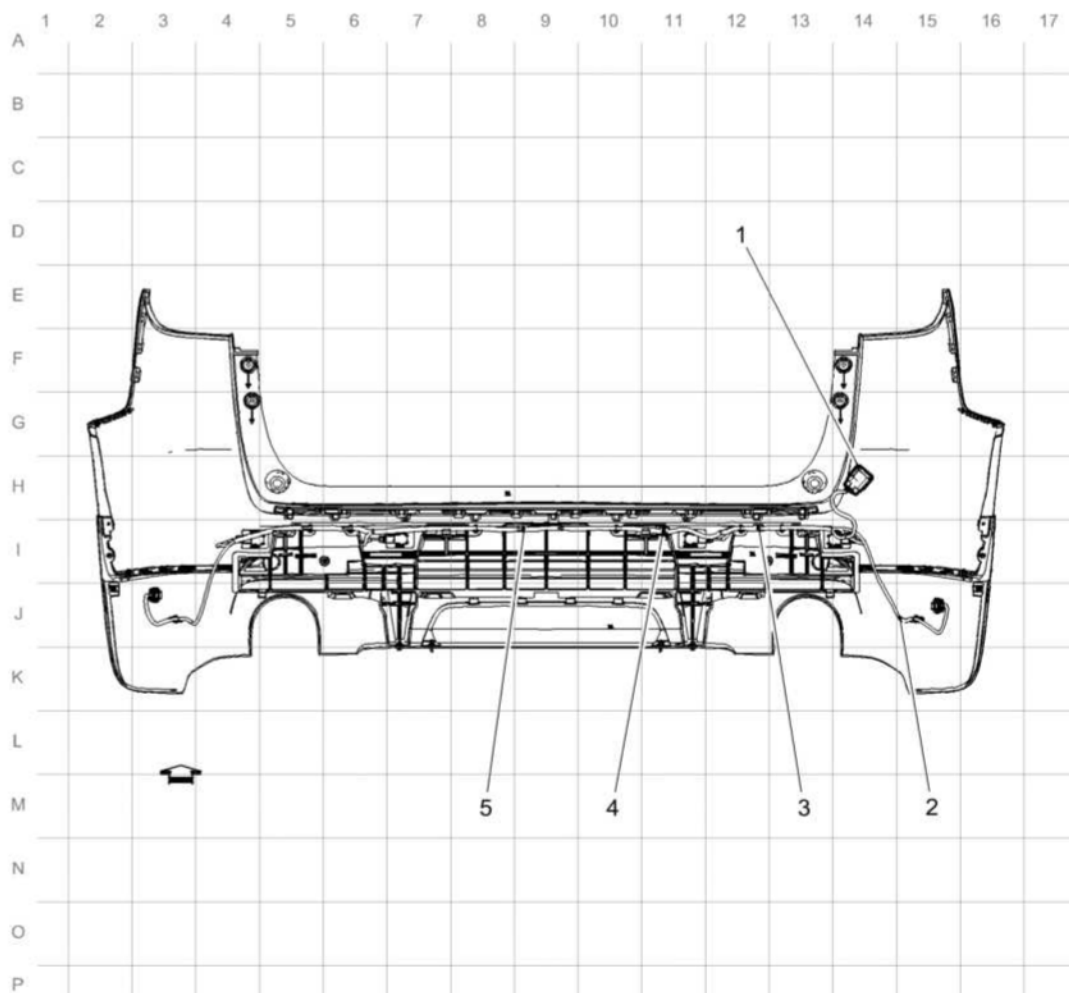


Fig. 18: Rear Bumper Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X440 ((W49 with T79 or UD7)) X440 Body Harness to Rear Bumper Harness
- 2: J404
- 3: J409
- 4: J440 ((UD7))
- 5: J444 ((UD7))

Tail Lamp Harness Routing (X88)

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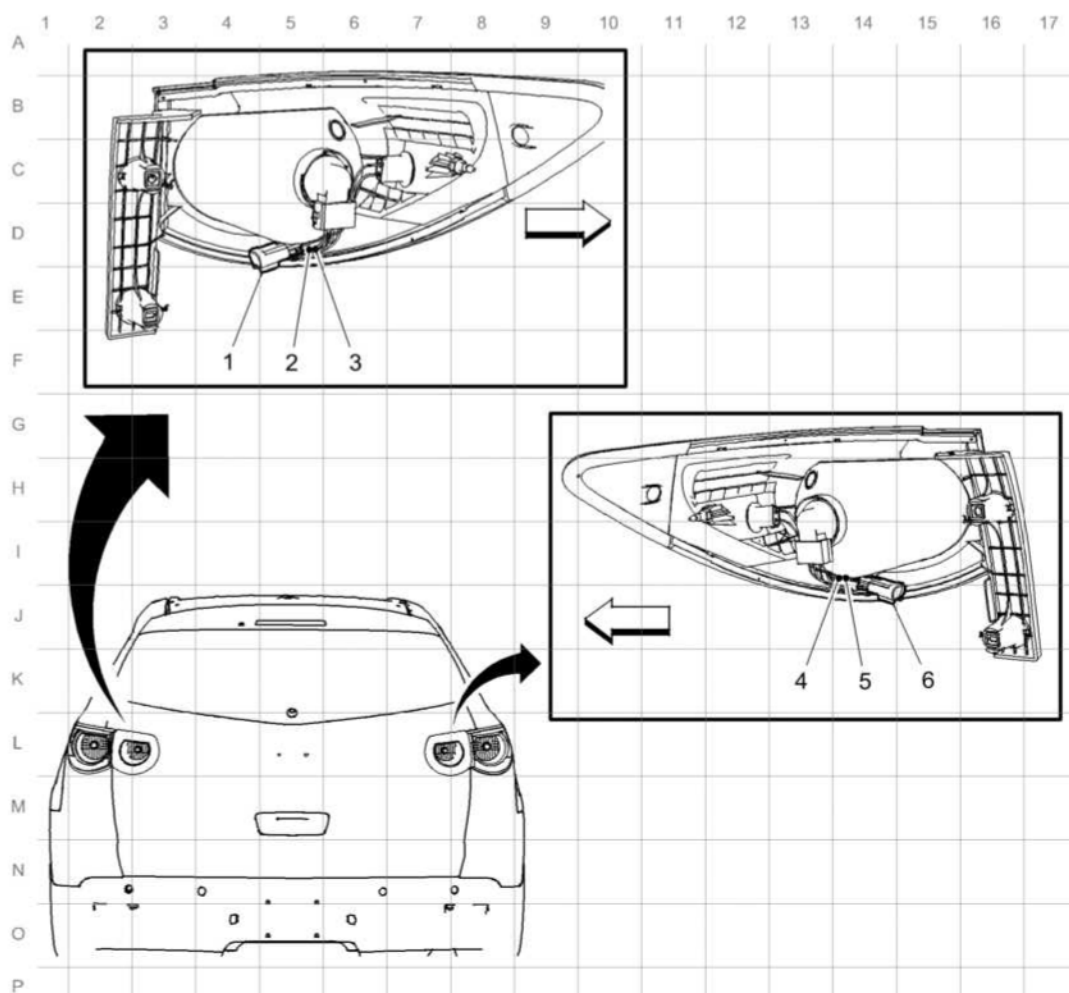


Fig. 19: Tail Lamp Harness Routing (X88)
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X410 X410 Body Harness to Left Tail Lamp Harness (T89) X410 Body Harness to Left Tail Lamp Harness (without T89)**
- 2: J493 ((W49 or X88))**
- 3: J495 ((W49 or X88))**
- 4: J490 ((W49 or X88))**
- 5: J488 ((W49 or X88))**
- 6: X420 X420 Body Harness to Right Tail Lamp Harness (T89) X420 Body Harness to Right Tail Lamp Harness (without T89)**

Front Fascia Harness Routing (X88)

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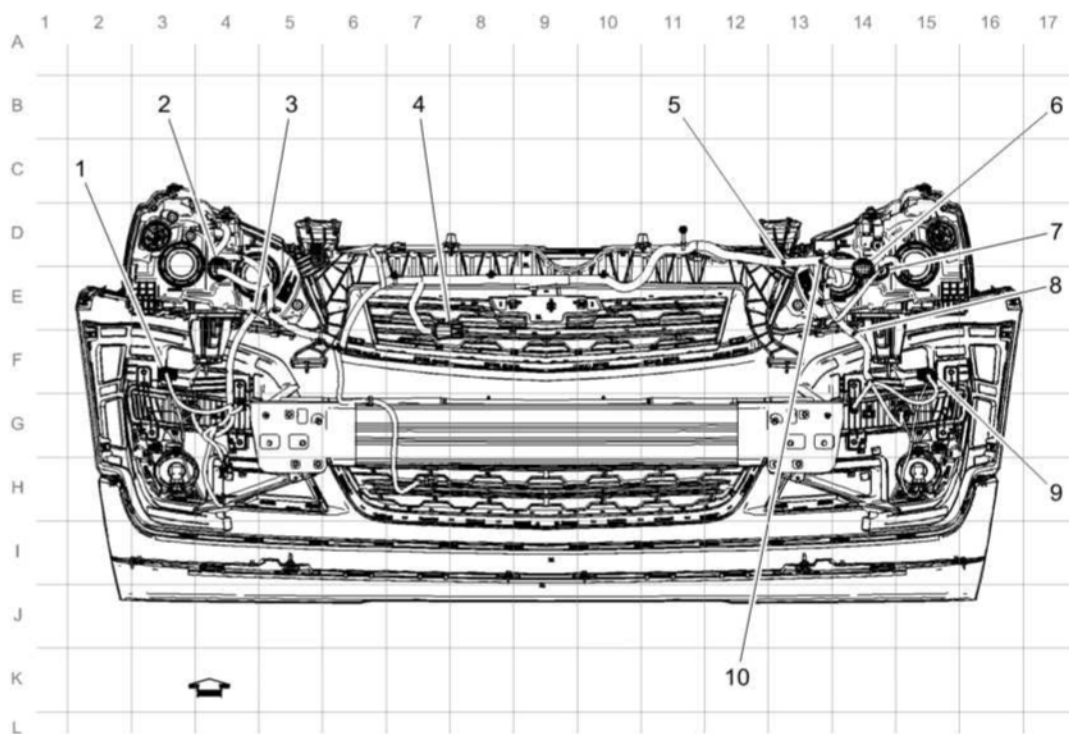


Fig. 20: Front Fascia Harness Routing (X88)
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X123 X123 Left Park Lamp Harness to Forward Lamp Harness (X88 with T96)
- 2: X110 X110 Forward Lamp Harness to Left Headlamp Harness (W49 with TSH or T26) X110 Forward Lamp Harness to Left Headlamp Harness (W49 without TSH or T26) X110 Forward Lamp Harness to Left Headlamp Harness (X88) X110 Forward Lamp Harness to Left Headlamp Harness (Z88 without TVD) X110 Left Headlamp Harness to Forward Lamp Harness (Z88 with TVD)
- 3: J124
- 4: X104 X104 Cooling Fan Harness to Forward Lamp Harness
- 5: J122
- 6: X113 X113 Body Harness to Forward Lamp Harness
- 7: X120 X120 Forward Lamp Harness to Right Headlamp Harness (W49 with TSH or T26) X120 Forward Lamp Harness to Right Headlamp Harness (W49 without TSH or T26) X120 Forward Lamp Harness to Right Headlamp Harness (X88) X120 Forward Lamp Harness to Right Headlamp Harness (Z88 without TVD) X120 Right Headlamp Harness to Forward Lamp Harness (Z88 with TVD)
- 8: J125
- 9: X122 X122 Right Park Lamp Harness to Forward Lamp Harness (X88 with T96)
- 10: J120

Headlining Harness Routing

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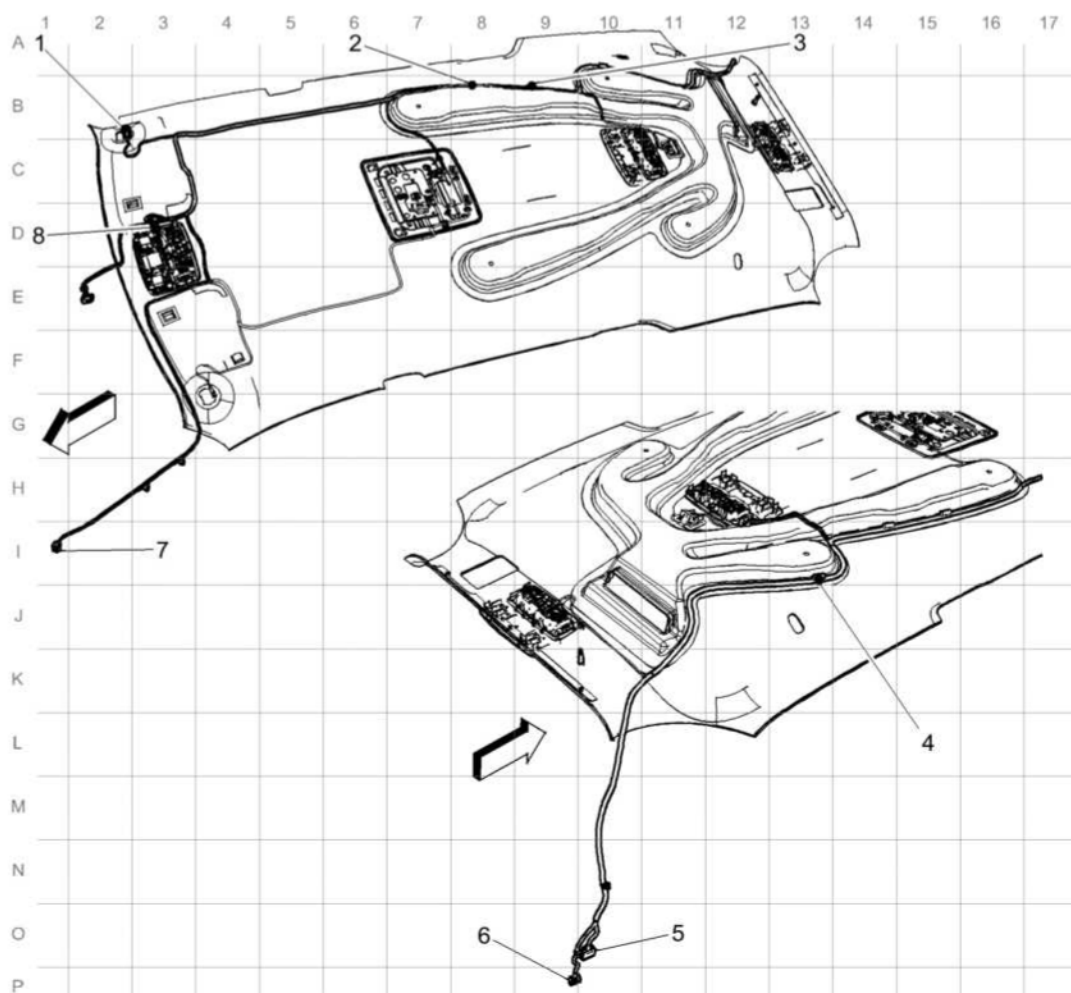


Fig. 21: Headlining Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X398 X398 Headliner Harness to Sunroof Harness (C3U)**
- 2: J326**
- 3: J339**
- 4: J348**
- 5: X420 X420 Body Harness to Right Tail Lamp Harness (T89) X420 Body Harness to Right Tail Lamp Harness (without T89)**
- 6: X422 X422 Headliner Harness to Body Harness**
- 7: X216 X216 Instrument Panel Harness to Headliner Harness (U42)**
- 8: X343 X343 Headliner Harness to Front Overhead Console Harness**

Second Row Seat Area Floor Harness Routing

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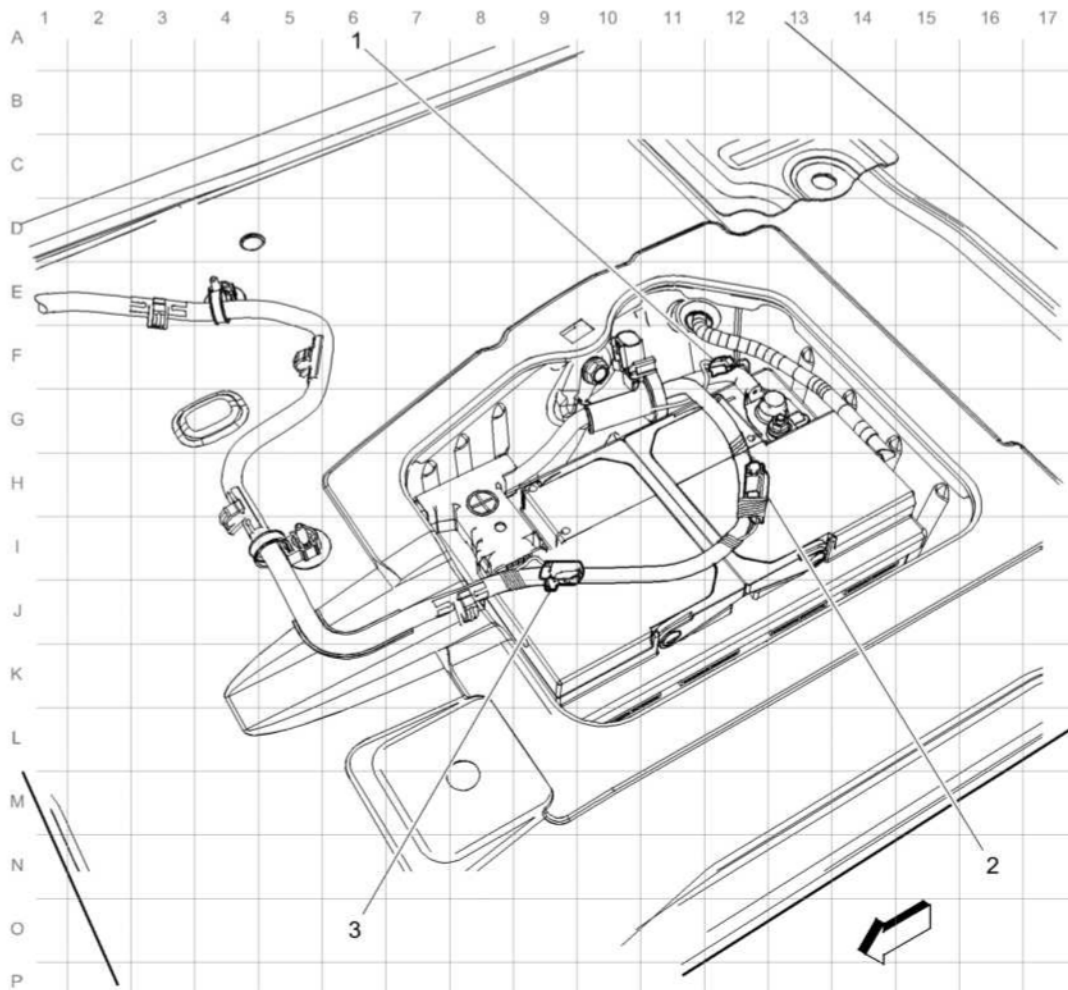


Fig. 22: Second Row Seat Area Floor Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X324 X324 Battery Negative Cable Harness to Body Harness**
- 2: X55B Fuse Holder - Telematics ((UE1)) X55B Fuse Holder - Telematics (UE1)**
- 3: X325 X325 Body Harness to Battery Positive Cable Harness (UE1)**

Instrument Panel Harness Routing - Passenger Compartment

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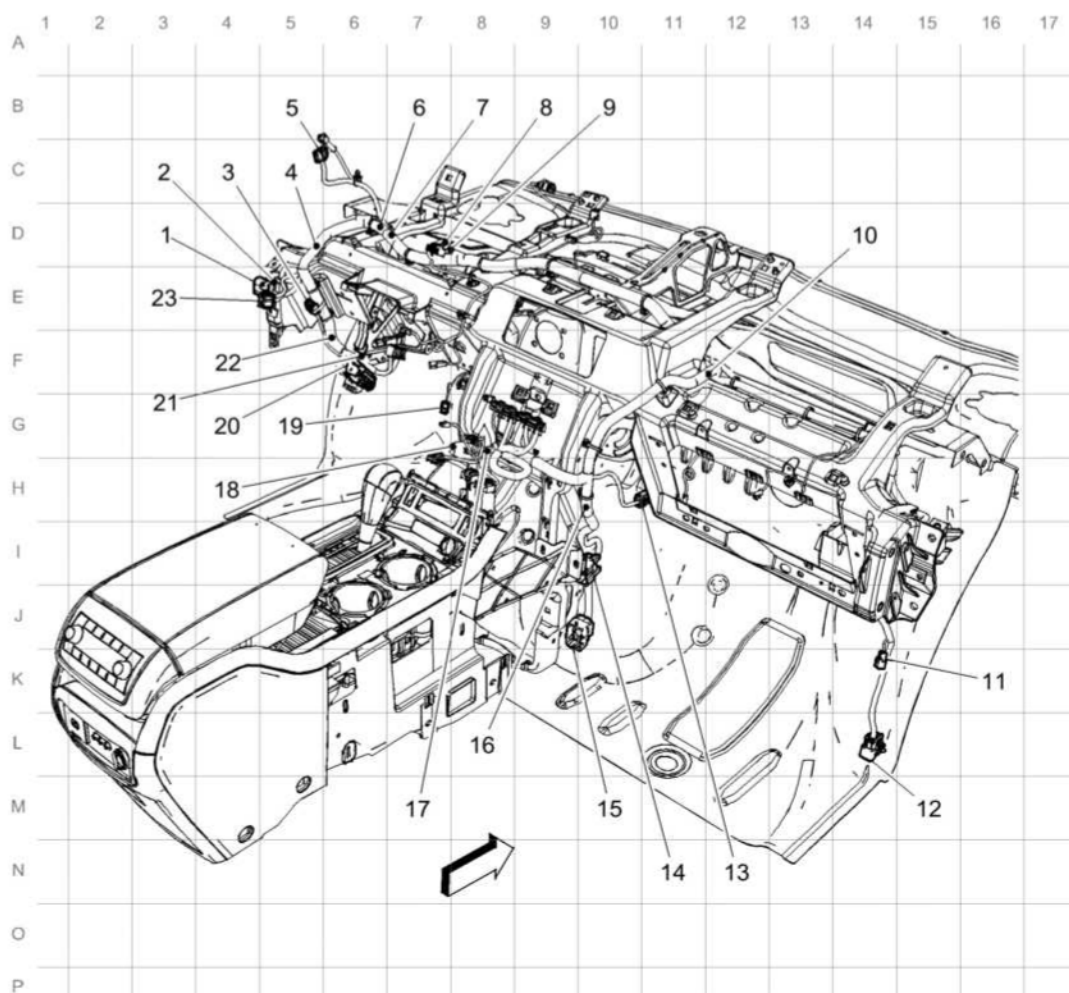


Fig. 23: Instrument Panel Harness Routing - Passenger Compartment
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X203 X203 Body Harness to Instrument Panel Harness
- 2: J216
- 3: JX205
- 4: J219 ((U42 or UQS))
- 5: X216 X216 Instrument Panel Harness to Headliner Harness (U42)
- 6: J273
- 7: J215
- 8: J213
- 9: J202
- 10: J206 ((CJ2))
- 10: J206 ((CJ2))
- 11: X252 X252 Instrument Panel Harness to Body Harness

- 12: X200 X200 Body Harness to Instrument Panel Harness
- 13: X214 X214 Instrument Panel Harness to HVAC Harness
- 14: X240 X240 Instrument Panel Harness to Floor Console Harness
- 15: X202 X202 Body Harness to Instrument Panel Harness
- 16: J208
- 17: J214
- 18: J211
- 19: J220
- 20: X201 X201 Instrument Panel Harness to Steering Column Harness
- 21: J221 ((B8K))
- 22: J251
- 23: X205 X205 Body Harness to Instrument Panel Harness (N38)

Forward Lamp Harness Routing

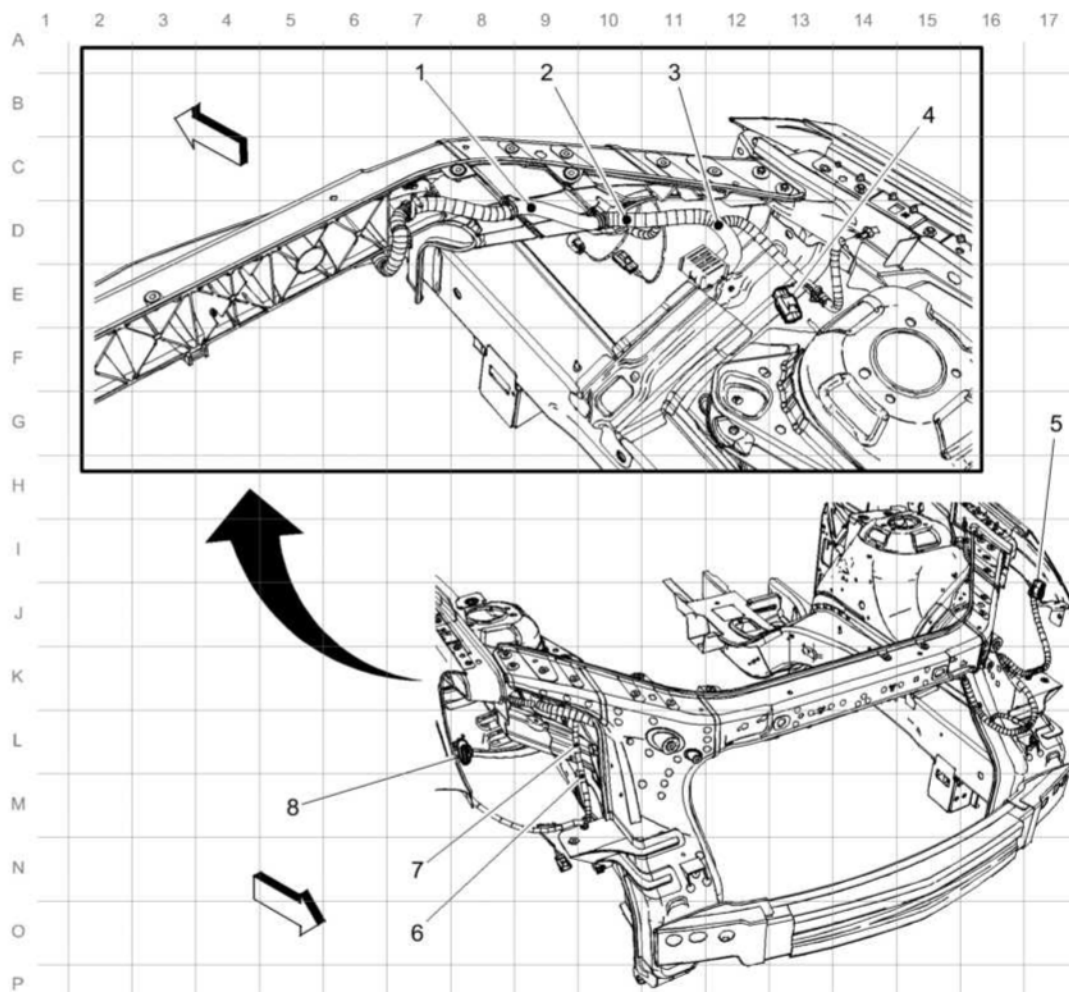


Fig. 24: Forward Lamp Harness Routing

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Courtesy of GENERAL MOTORS COMPANY

Items

1: J122

2: J120

3: J126 ((Z88))

4: X115 ((TSH or T26)) X115 Engine Harness to Forward Lamp Harness (TSH or T26)

5: X110 X110 Forward Lamp Harness to Left Headlamp Harness (W49 with TSH or T26) X110 Forward Lamp Harness to Left Headlamp Harness (W49 without TSH or T26) X110 Forward Lamp Harness to Left Headlamp Harness (X88) X110 Forward Lamp Harness to Left Headlamp Harness (Z88 without TVD) X110 Left Headlamp Harness to Forward Lamp Harness (Z88 with TVD)

6: J121

7: J123

8: X120 X120 Forward Lamp Harness to Right Headlamp Harness (W49 with TSH or T26) X120 Forward Lamp Harness to Right Headlamp Harness (W49 without TSH or T26) X120 Forward Lamp Harness to Right Headlamp Harness (X88) X120 Forward Lamp Harness to Right Headlamp Harness (Z88 without TVD) X120 Right Headlamp Harness to Forward Lamp Harness (Z88 with TVD)

Fog Lamp Extension Harness Routing

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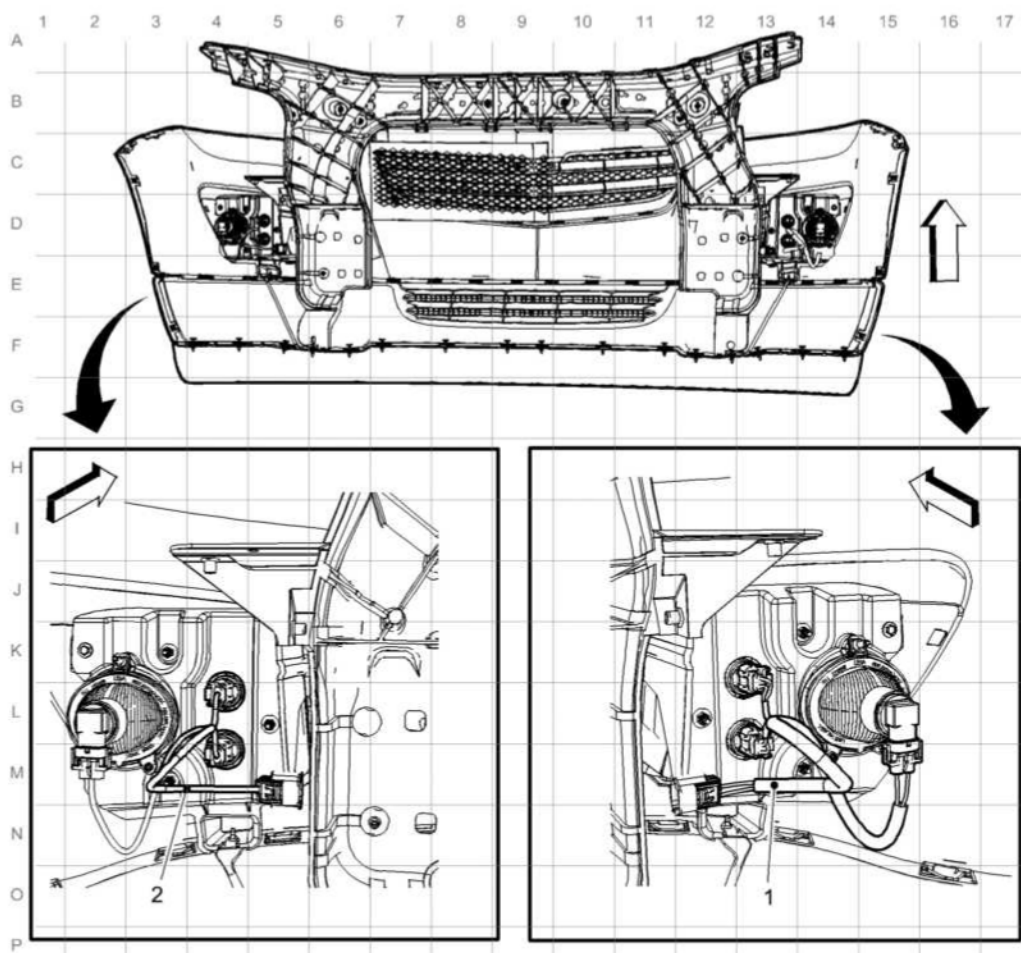


Fig. 25: Fog Lamp Extension Harness Routing
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: J104
- 2: J113 ((Z88))

Body Harness Routing - Near Liftgate

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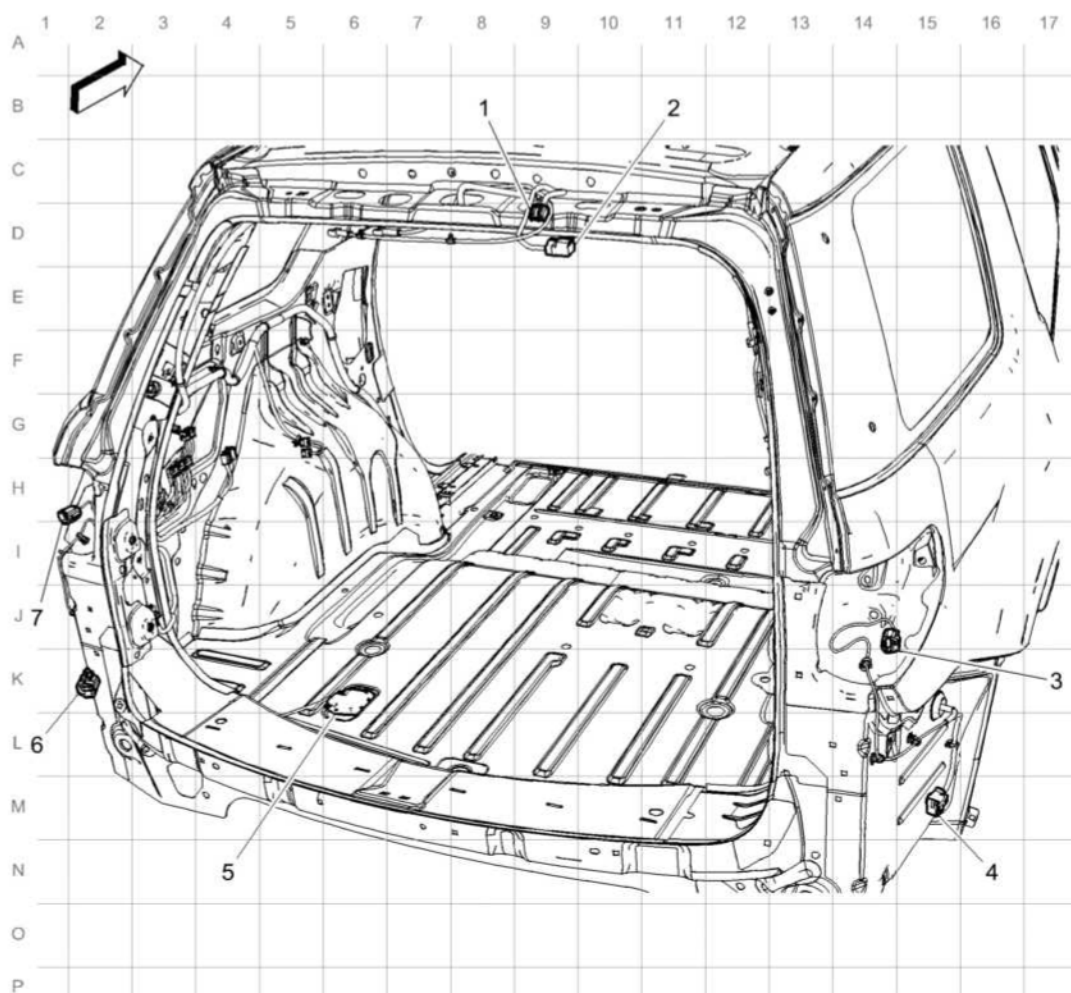


Fig. 26: Body Harness Routing - Near Liftgate
Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X901 X901 Body Harness to Liftgate Harness**
- 2: X903 X903 Body Harness to Liftgate Harness**
- 3: X420 X420 Body Harness to Right Tail Lamp Harness (T89) X420 Body Harness to Right Tail Lamp Harness (without T89)**
- 4: X442 X442 Body Harness to Trailer Harness (V92)**
- 5: X405 X405 Rear Chassis Harness to Body Harness**
- 6: X440 ((W49 with T79 or UD7)) X440 Body Harness to Rear Bumper Harness**
- 7: X410 X410 Body Harness to Left Tail Lamp Harness (T89) X410 Body Harness to Left Tail Lamp Harness (without T89)**

Liftgate Harness Routing

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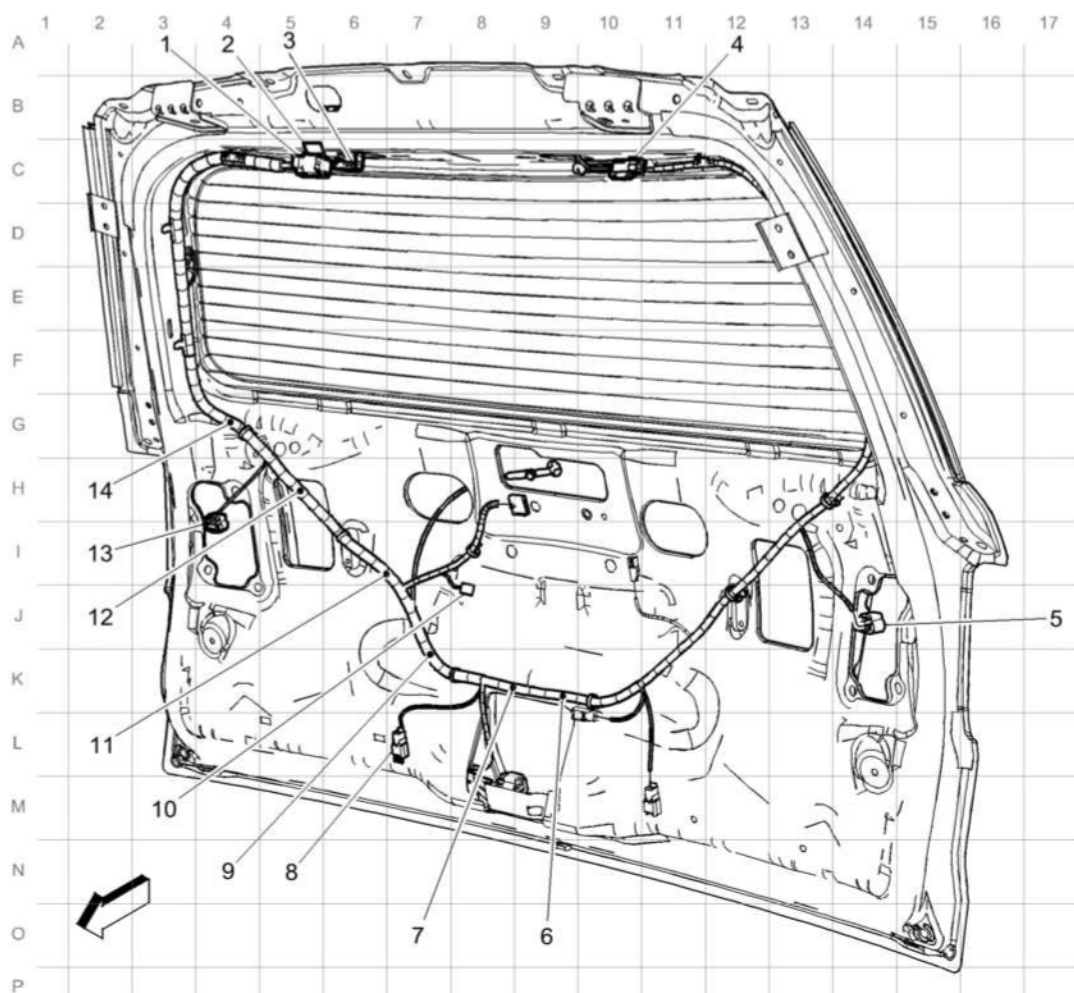


Fig. 27: Liftgate Harness Routing

Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X903 X903 Body Harness to Liftgate Harness
- 2: X902 X902 Body Harness to Liftgate Harness (UVC)
- 3: X901 X901 Body Harness to Liftgate Harness
- 4: X911 X911 Center High Mounted Stop Lamp (CHMSL) Harness to Liftgate Harness
- 5: X910 ((W49 or Z88)) X910 Liftgate Harness to Left Liftgate Tail Lamp Assembly Harness
- 6: J911 ((W49 or Z88))
- 7: J915
- 8: X940 X940 Liftgate Harness to Liftgate Trim Panel Harness
- 9: J905 ((TB5))
- 10: X933 ((W49 or Z88)) X933 License Lamp Harness to Liftgate Harness (Z88)
- 11: J907 ((TB5))
- 12: J913

13: X920 ((W49 or Z88)) X920 Liftgate Harness to Right Liftgate Tail Lamp Assembly Harness
14: J903 ((Z88))

Engine Compartment Harness Routing

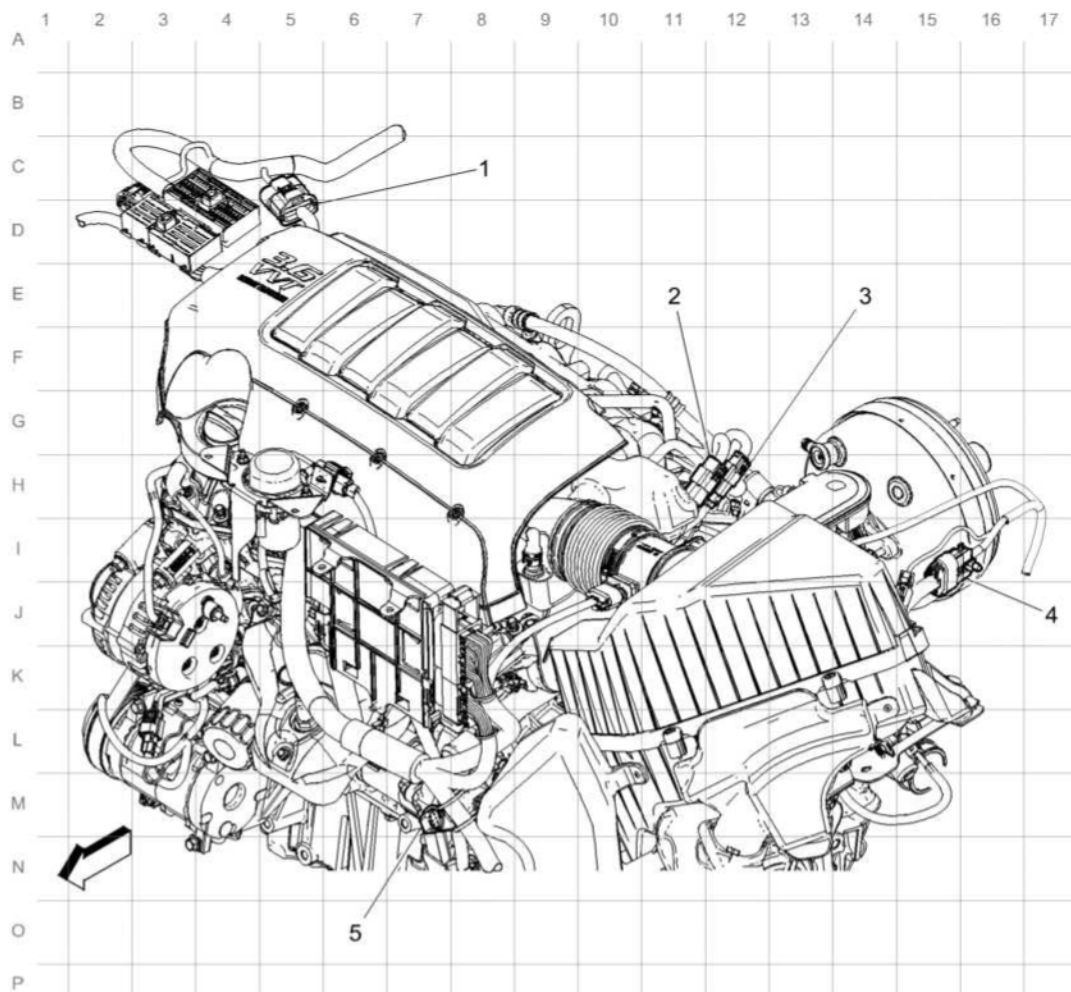


Fig. 28: Engine Compartment Harness Routing
 Courtesy of GENERAL MOTORS COMPANY

Items

- 1: X100 X100 Body Harness to Engine Harness**
- 2: X161 X161 Engine Harness to Fuel Injector Bank 1 Harness**
- 3: X160 X160 Engine Harness to Fuel Injector Bank 2 Harness**
- 4: X111 X111 Engine Harness to Instrument Panel Harness**
- 5: X115 ((TSH or T26)) X115 Engine Harness to Forward Lamp Harness (TSH or T26)**

SCHEMATIC WIRING DIAGRAMS

HOW TO USE ELECTRICAL SCHEMATICS

Color Abbreviations

The following sequence is used when depicting wire colors:

1. Color modifier of the wire, such as light or dark (if applicable)
2. Primary color of the wire
3. Secondary color of the wire (tracer/stripe)

Wire insulation and connector body colors in schematic information are abbreviated with a two character code as listed below.

Abbreviation	Color	Abbreviation	Color
AM	Amber	OG	Orange
BARE	Bare	PK	Pink
BG	Beige	PU	Purple
BK	Black	RD	Red
BN	Brown	RU	Rust
BU	Blue	SR	Silver
CL	Clear	TL	Teal
CR	Cream	TN	Tan
CU	Curry	TQ	Turquoise
GD	Gold	VT	Violet
GN	Green	WH	White
GY	Gray	YE	Yellow
NA	Natural	-	-
Color Modifiers			
L	Light	D	Dark

Additionally, industry standard cable types are not identified by color, but are listed by cable type as follows:

Abbreviation	Cable Type
COAX	Coax Cable
FW	Flat Wire
HDMI	High Definition Multimedia Interface
TWINAX	Twinax Cable
USB	Universal Serial Bus

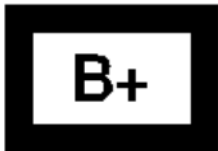
ELECTRICAL SCHEMATIC SYMBOLS

Voltage Indicators

--	--

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Symbol	Description
	Battery Voltage

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IGN 0

Ignition
Switch- Off
Position

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Ignition
Switch-
Accessory
Position

cardiaqn.com

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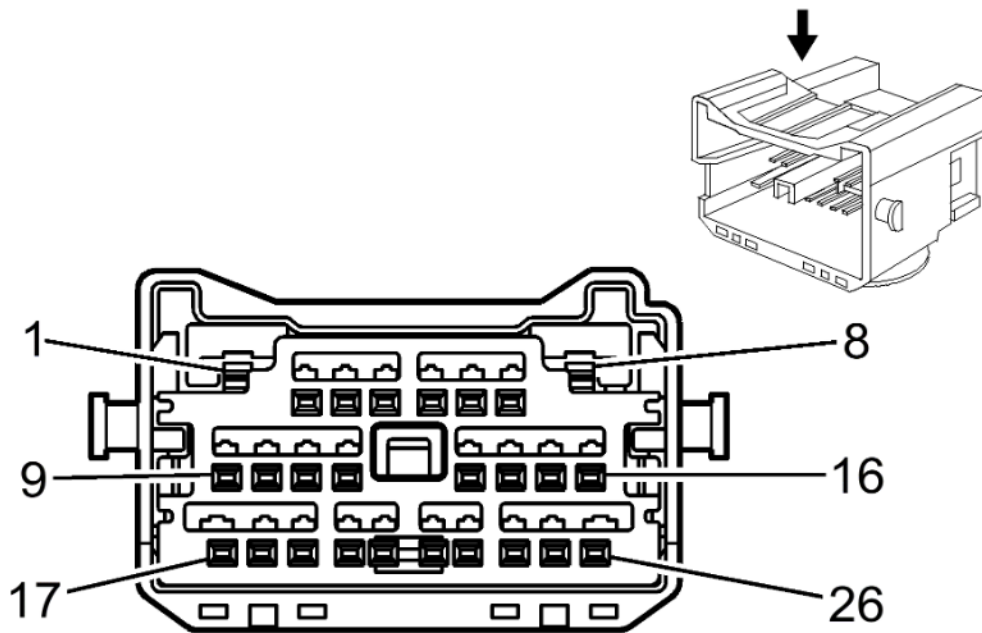


Ignition
Switch-
Run
Position

Ignition
Switch-
Start
Position

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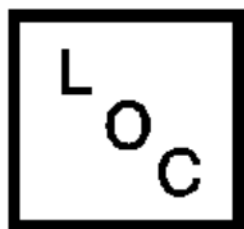


General Icons

Symbol	Description
	Master Component List Icon This icon is used on the schematic to link to the Master Electrical Component List.

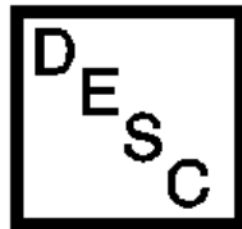
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Description and
Operation Icon
This icon is used
on the schematic
to link to the
Description and
Operation of that
particular system.

Computer
Programming
Icon

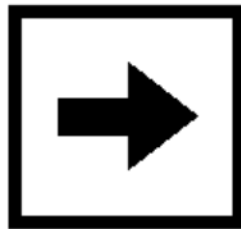
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This icon is used on the schematic to link to Control Module References, which identifies which components need programming upon replacement.

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Next Schematic
Page Icon
This icon is used
on the schematic
to navigate to the
next schematic in
the subsystem.

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Previous

Schematic Page
Icon
This icon is used
on the schematic
to navigate to the
previous
schematic in the
subsystem.



Supplemental
Inflatable
Restraint (SIR) or
Supplemental



Restraint System (SRS) Icon
This icon is used to alert the technician that the system contains SIR/SRS components that require certain precautions before servicing.

Information Icon



This icon is used to alert the technician that there is additional information that will aid in servicing a system.

Danger Icon
This icon is intended to alert the technician that a component



within the system contains labeling with the same icon.

This icon is used when a source component has potential for 60 volts DC or greater or has potential for 42 volts AC or greater.

High Voltage Icon

This icon is intended to alert the technician that a component

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within the system contains labeling with the same icon.

This icon is used when a component/circuit has potential for 60 volts DC or greater or has potential for 42 volts AC or greater.

Caution Icon
This icon is used to advise the technician to use

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caution when servicing this component. This icon may be used when a component/circuit has a voltage range potential between 30-60 volts DC or 15-42 volts AC.

Functional Serial Data Communication
This icon is used to show the

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technician that the serial data circuit detail is shown incomplete. It also provides an active link to the Data Communication Schematics where the circuit is shown complete.



Switch Position Icons

Symbol	Description

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Generic Up
Arrows

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Generic
Down
Arrows

cardiaqn.com

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Generic
Left Arrows

cardiaqn.com

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Generic
Right
Arrows

cardiaqn.com

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Generic
Express
Down
Arrows

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On/Off Icon

cardiaqn.com

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Generic
Lock Icon

cardiaqn.com

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Generic
Unlock
Icon

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Generic
Window
Switch
Positions- 4
Door

cardiaqn.com

2014 GMC Acadia Denali

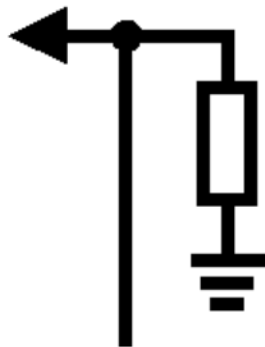
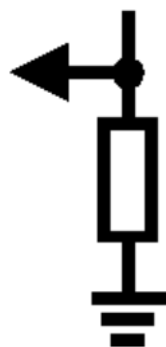
2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse



Generic
Window
Switch
Positions- 2
Door

Module Circuit Function Icons

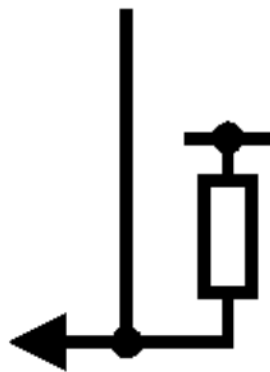
Symbol	Description



I/O Pull-
Down
Resistors (-)

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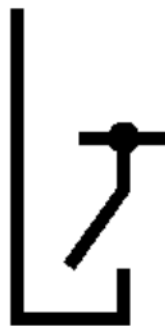


I/O Pull-Up
Resistors (+)

cardiaqn.com

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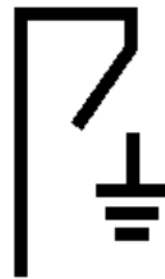


I/O High-Side Drive Switch (+)

cardiaqn.com

2014 GMC Acadia Denali

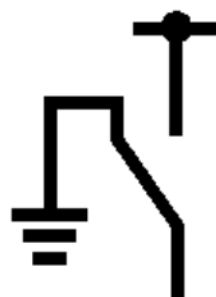
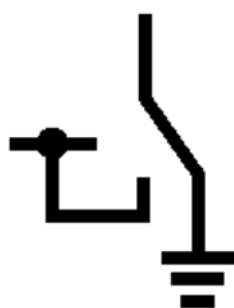
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I/O Low-Side Drive Switch (+)

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I/O
Bidirectional
Switch (+/-)

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Pulse-Width
Modulation
Symbol

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B+

Battery
Voltage

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IGN

Ignition
Voltage

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5V

Voltage
Reference

cardiaqn.com

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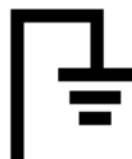
5V AC

A/C Voltage

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Low
Reference

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Ground

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Serial Data

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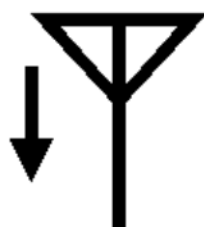
2014 GMC Acadia Denali

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Antenna
Signal- In

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Antenna
Signal- Out

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Brake Apply

Harness Components

Symbol	Description

2014 GMC Acadia Denali

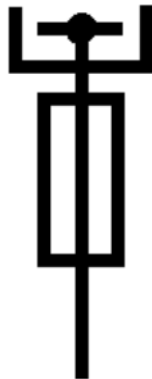
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Fuse

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PWR/TRN Relay



Fuse
Supplied by
a Relay

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Circuit
Breaker

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Fusible Link

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Ground

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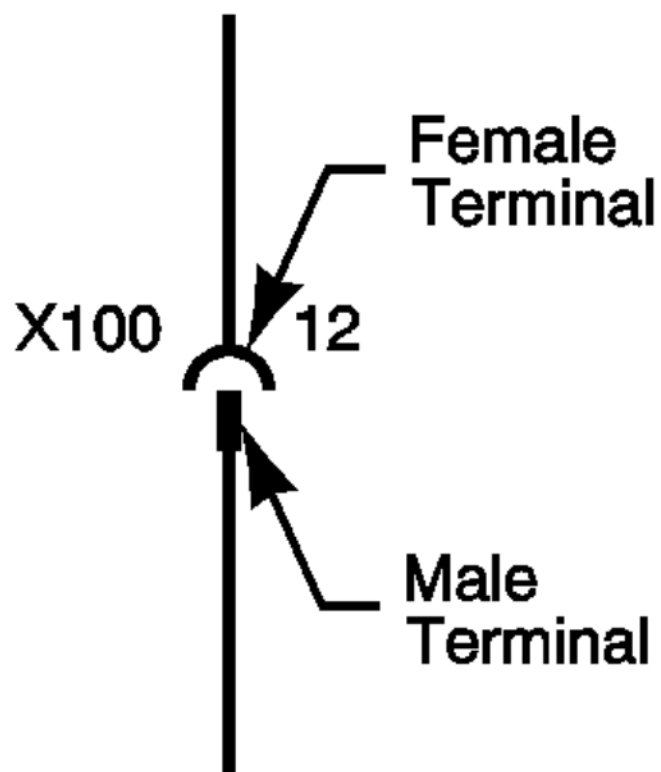
2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse



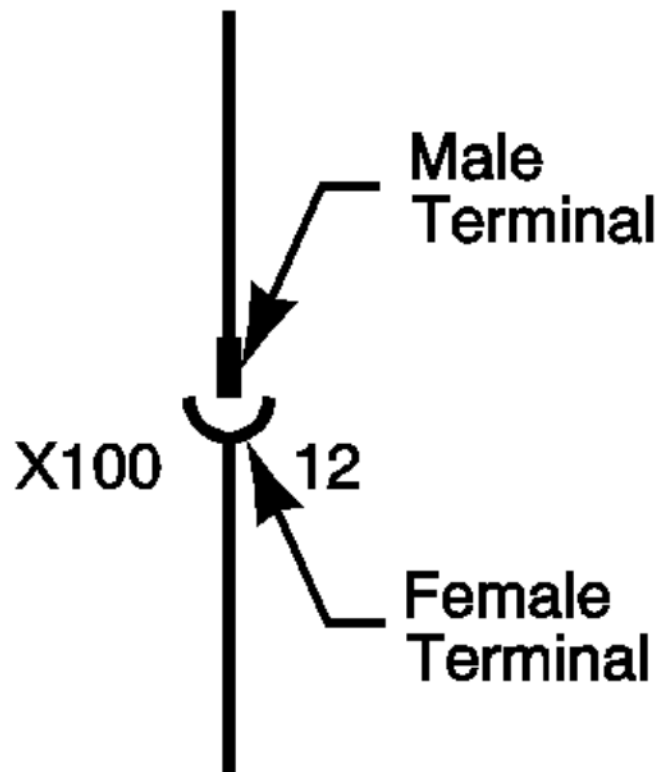
Case
Ground

cardiaqn.com

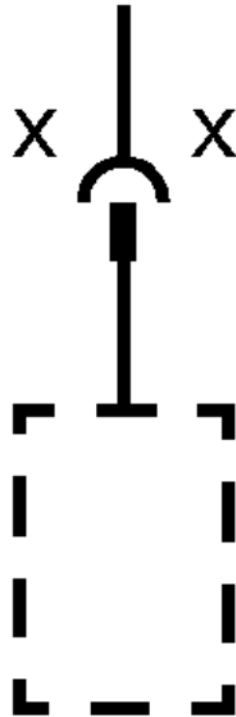


Inline
Harness
Connector

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Inline
Harness
Connector

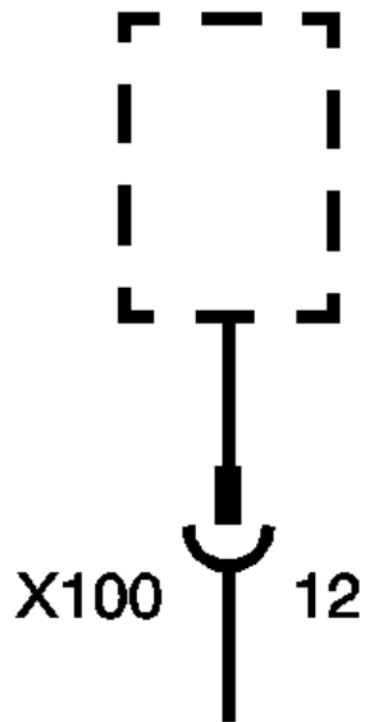


Pigtail
Connection

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Pigtail
Connection

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Provisional
or
Diagnostic
Connector

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Blunt Cut
Wire

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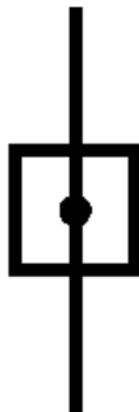


Incomplete
Physical
Splice

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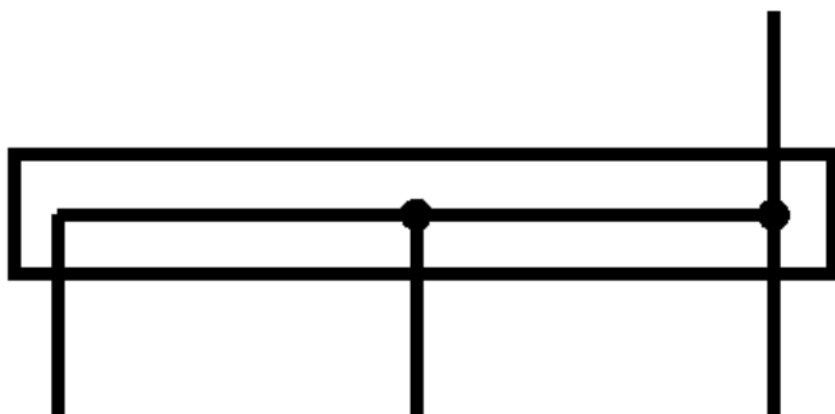


Complete
Physical
Splice- 2
Wires

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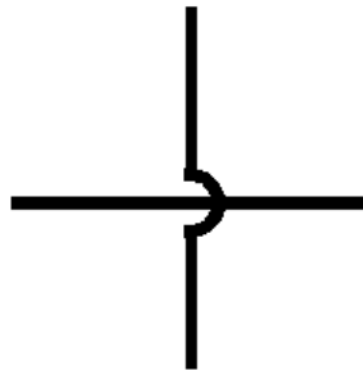
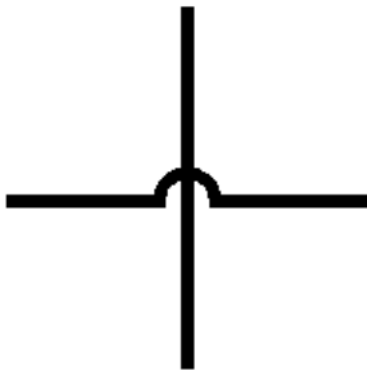


Complete
Physical
Splice- 3 or
more wires

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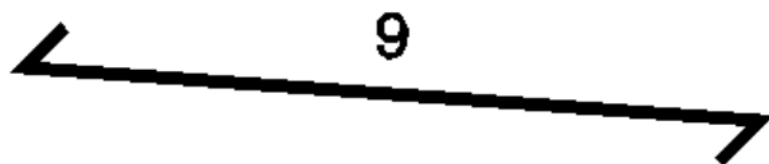


Wire
Crosses

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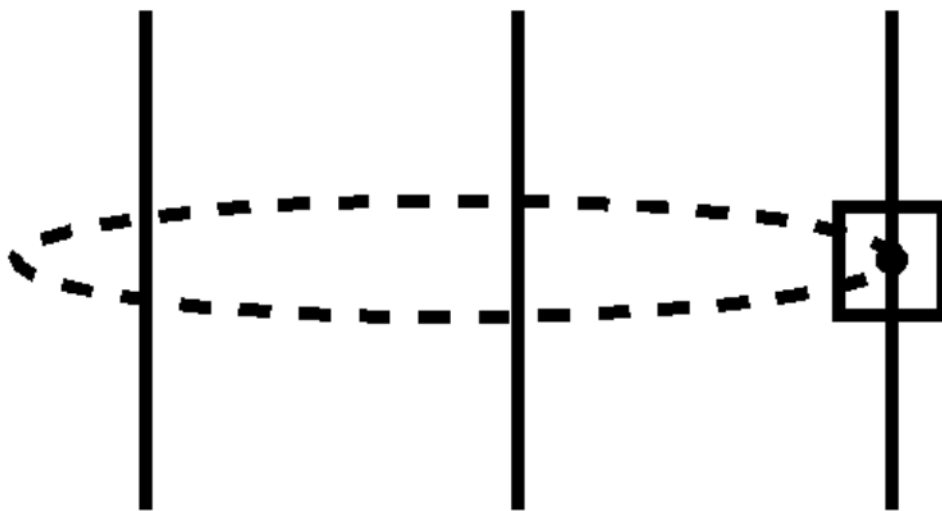


Twisted
Wires

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Shield

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Circuit
References

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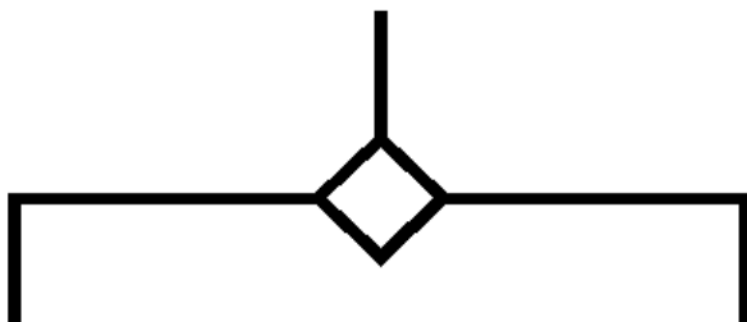


Circuit
Continuation
Arrowheads

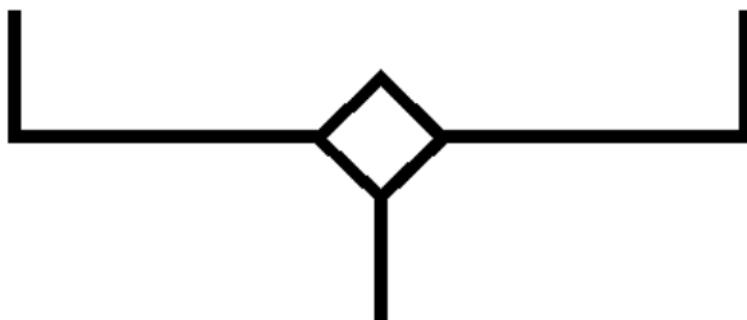
cardiaqn.com

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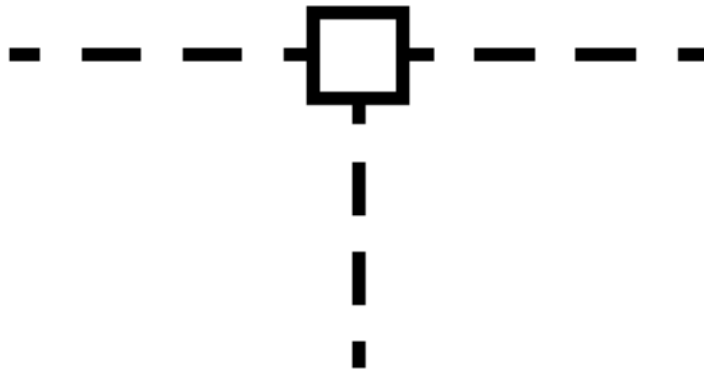
Option
Breakpoint



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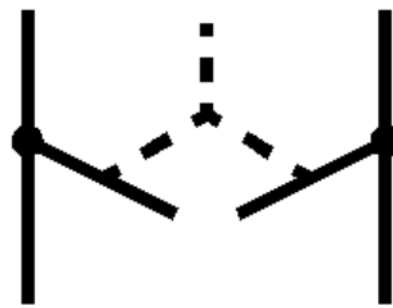


Ground
Circuit
Connection

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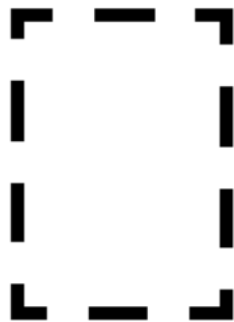
Connector
Shorting
Clip

Component Parts

Symbol	Description

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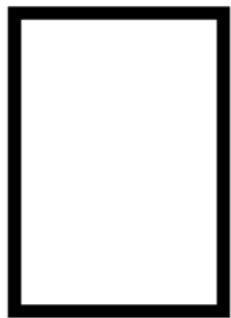
Partial
Component
When a
component
is
represented
in a dashed
box, the
component
or its wiring
is not
shown in its
entirety.

Entire
Component

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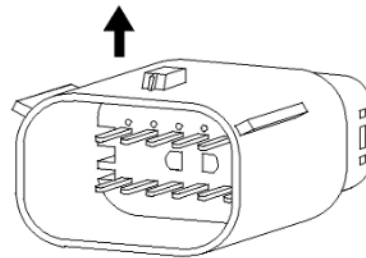
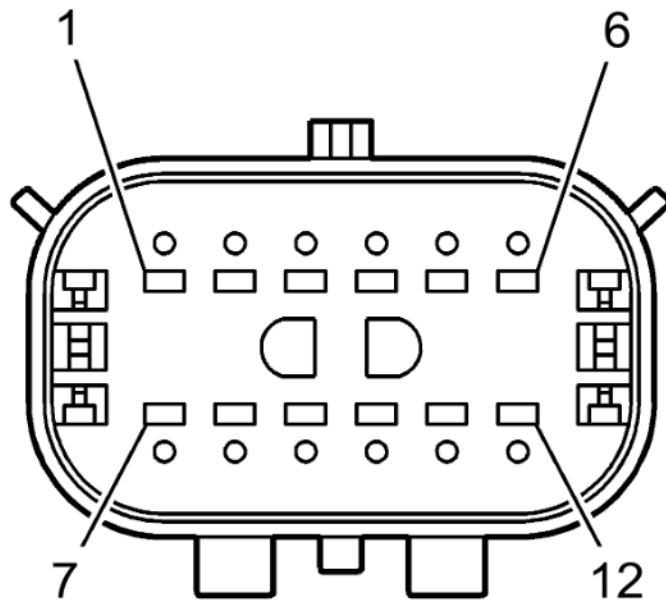
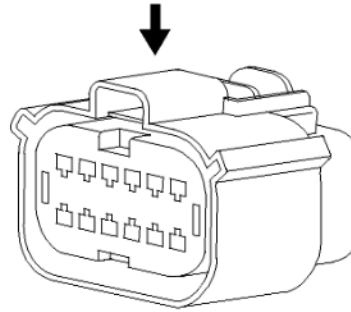
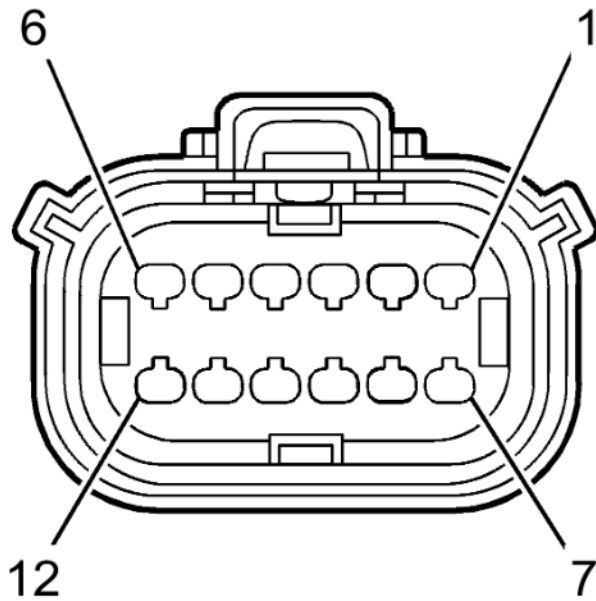
When a component is represented in a solid box the component or its wiring is shown in its entirety.



Connector Directly Attached to Component

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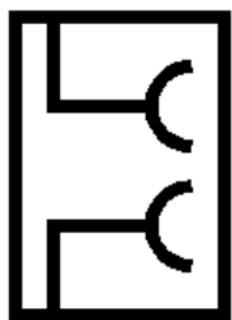
Pigtail
Connector

Switches and Relays

Symbol	Description
--------	-------------

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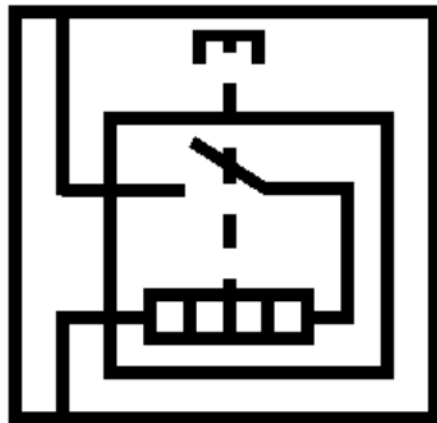


Accessory
Power Outlet

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

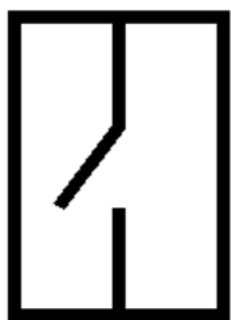


Cigar
Lighter

cardiaqn.com

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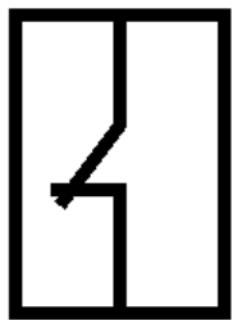


Switch- 2
Position
Normally
Open

cardiaqn.com

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

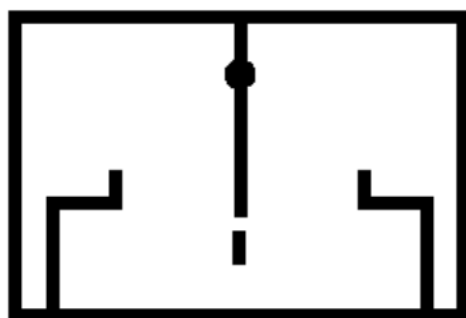


Switch- 2
Position
Normally
Closed

cardiaqn.com

2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

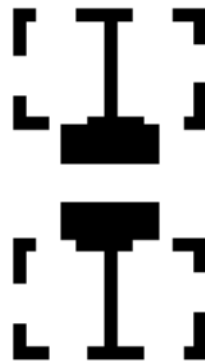


Switch-
Rocker

cardiaqn.com

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

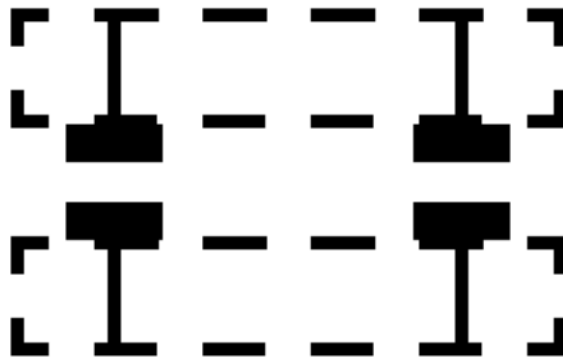


Switch-
Contact
Plate (1
Wire)

cardiaqn.com

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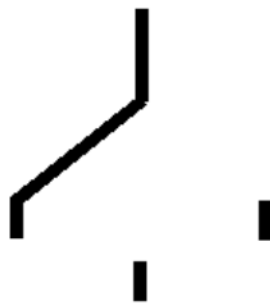


Switch-
Contact
Plate (2
Wire)

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2014 GMC Acadia Denali

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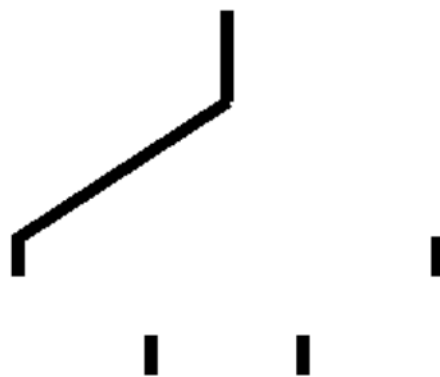


Switch- 3
Position

cardiaqn.com

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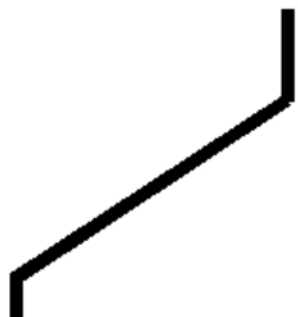


Switch- 4
Position

cardiaqn.com

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

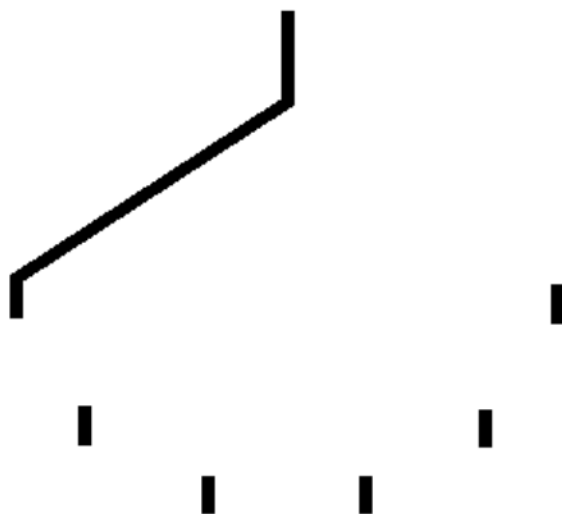


Switch- 5
Position

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Switch- 6
Position

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E - - -

Switch
Actuator-
Push
(Momentary)

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Ev--

Switch
Actuator-
Push
(Latching)

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Switch
Actuator-
Pull
(Momentary)

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Switch
Actuator-
Pull
(Latching)

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Switch
Actuator-
Rotate
(Momentary)

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Switch
Actuator-
Rotate
(Latching)

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F - - -

Switch
Actuator-
Slide
(Momentary)

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2014 GMC Acadia Denali

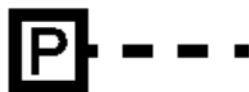
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Switch
Actuator-
Slide
(Latching)

2014 GMC Acadia Denali

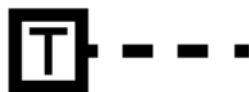
2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse



Switch
Actuator-
Pressure
(Momentary)

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse



Switch
Actuator-
Temperature
(Momentary)

2014 GMC Acadia Denali

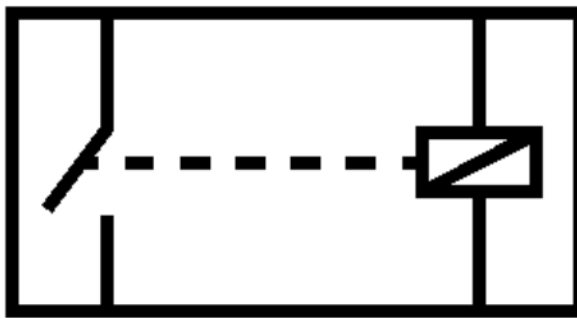
2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse



Switch
Actuator-
Volume
(Latching)

2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

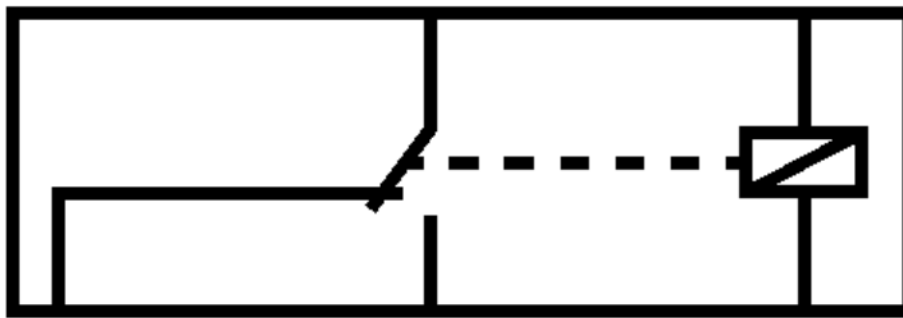


4-Pin Single
Pole/Throw
Relay-
Normally
Open

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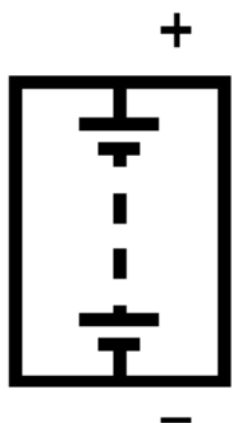
5-Pin Relay-
Normally
Closed

Devices and Sensors

Symbol	Description

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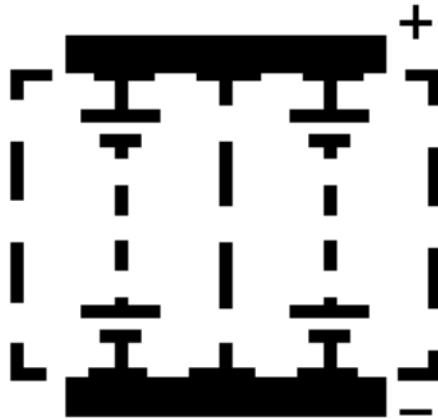


Battery

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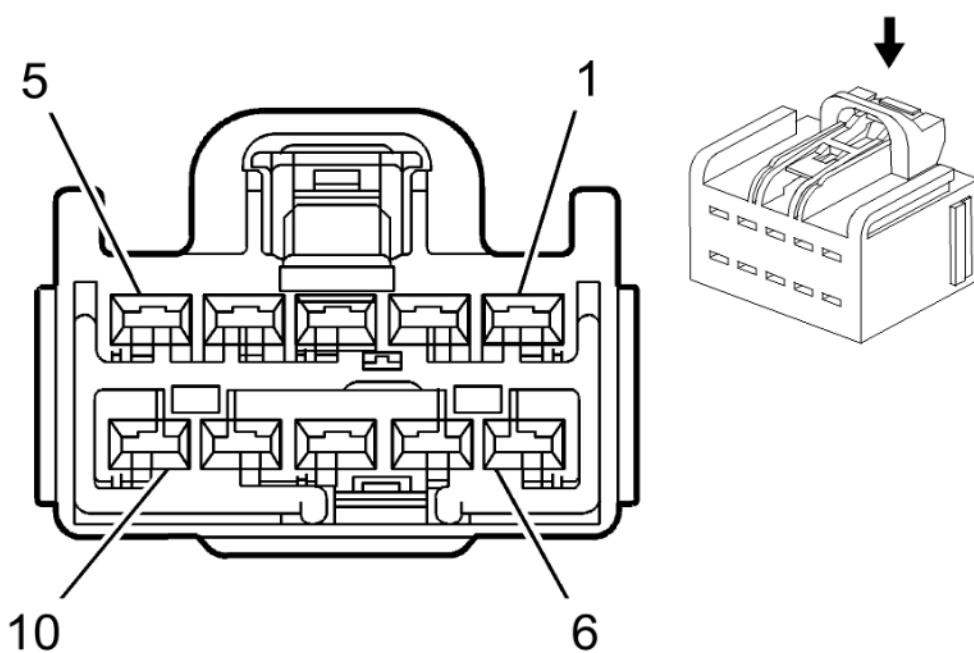
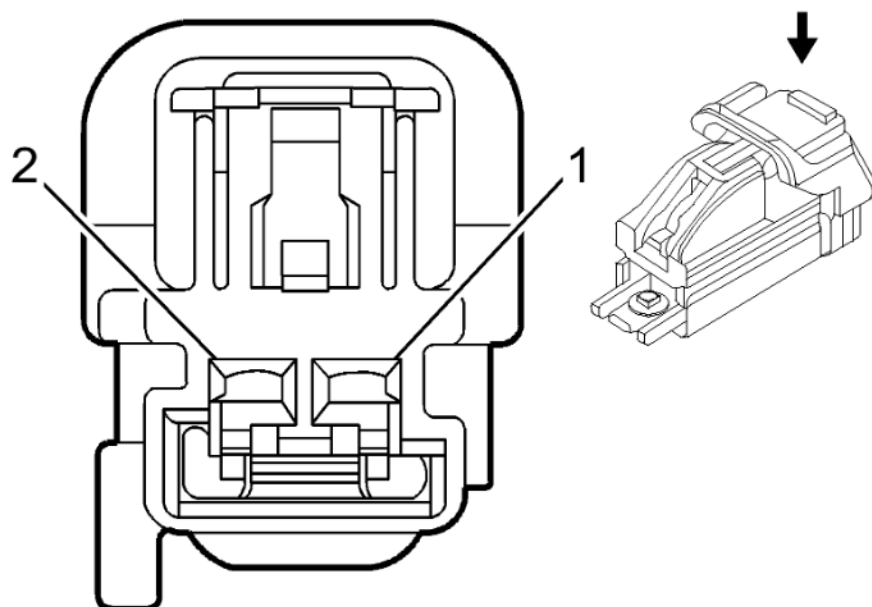
Battery
Assembly-
Hybrid

Single
Filament
Light Bulb

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Double
Filament
Light Bulb

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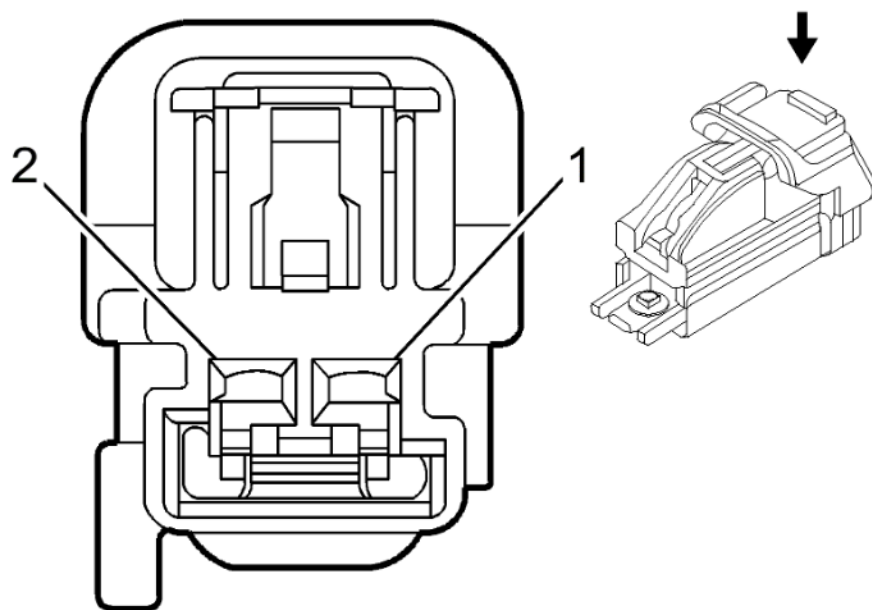


Light
Emitting
Diode
(LED)

Photo
Sensor

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Gauge

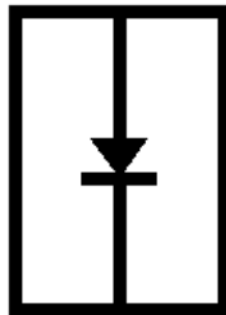
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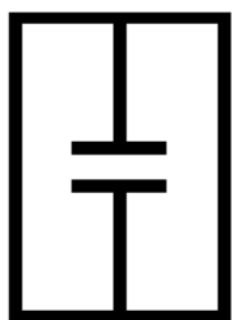


Diode

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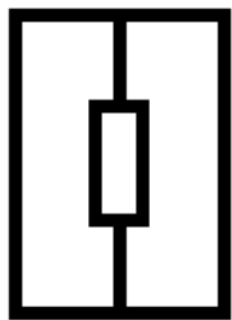


Capacitor

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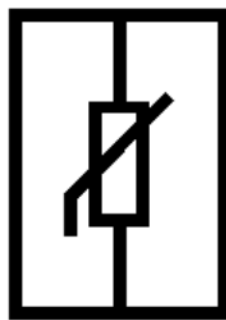


Resistor

cardiaqn.com

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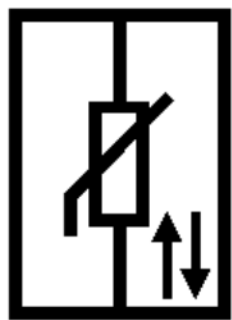


Variable
Resistor

cardiaqn.com

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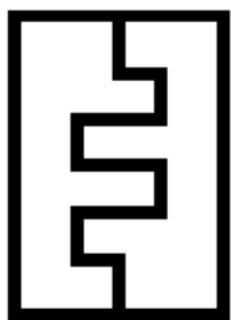


Variable
Resistor-
NTC

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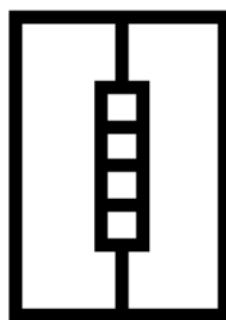


Breakable
Wire

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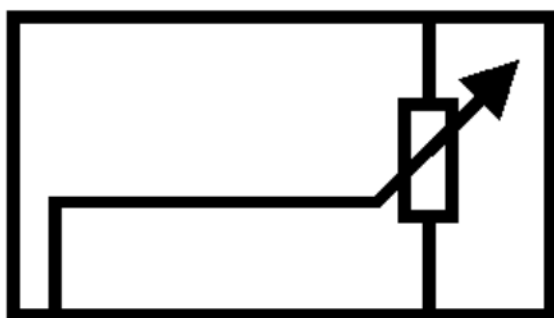


Heating
Element

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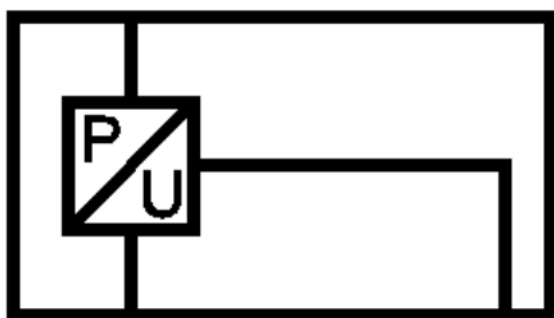


Position
Sensor

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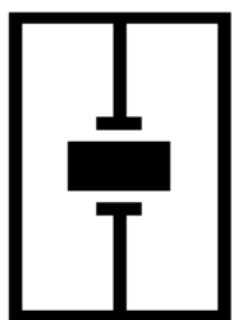


Pressure
Sensor

cardiaqn.com

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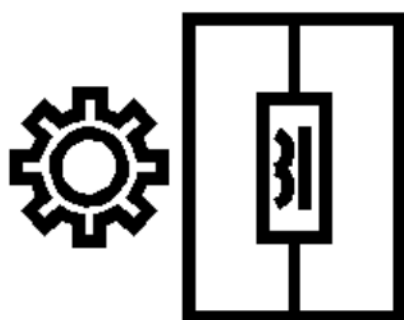


Knock
Sensor

cardiaqn.com

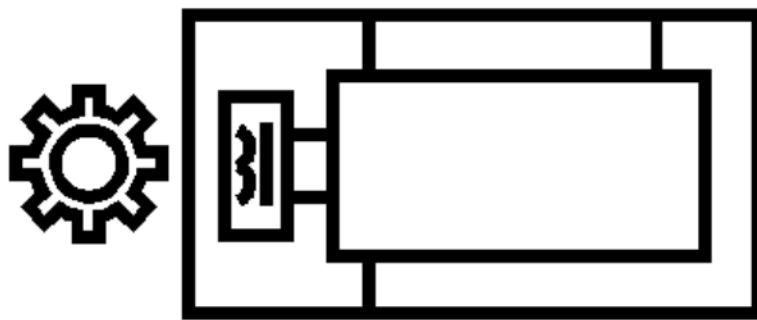
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Inductive
Type
Sensor- 2-
Wire

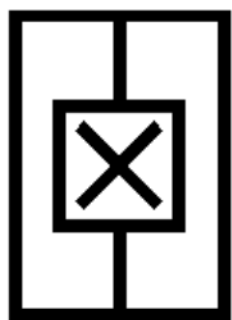
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Inductive
Type
Sensor- 3-
Wire

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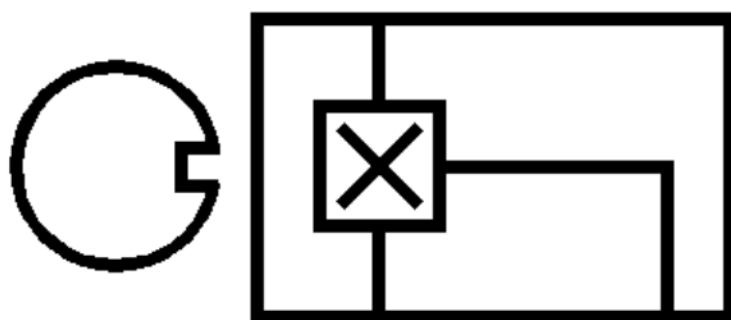


Hall Effect
Sensor- 2-
Wire

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

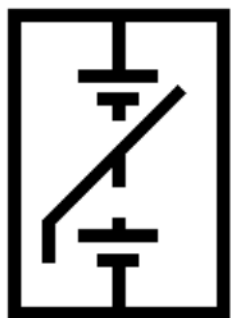


Hall Effect
Sensor- 3-
Wire

cardiaqn.com

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

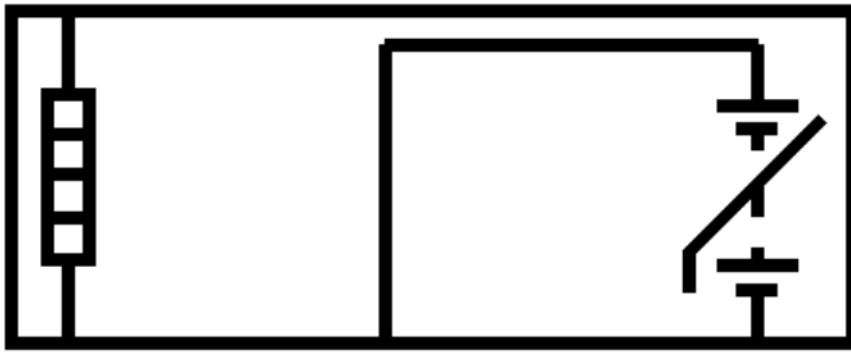


Oxygen
Sensor- 2-
Wire

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

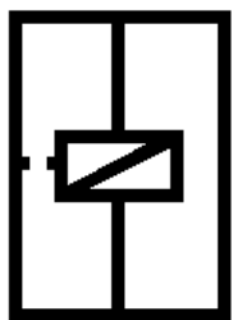


Heated
Oxygen
Sensor- 4-
Wire

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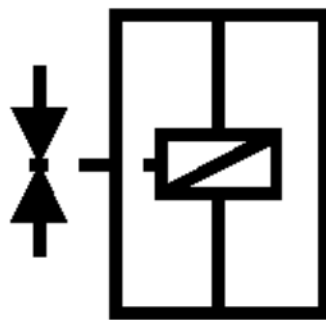


Solenoid-
Actuator

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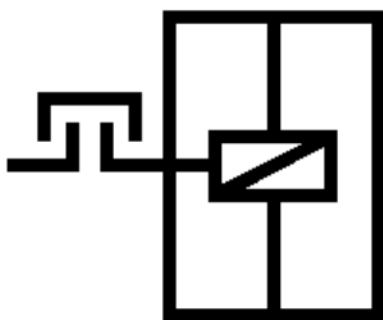


Solenoid-
Valve

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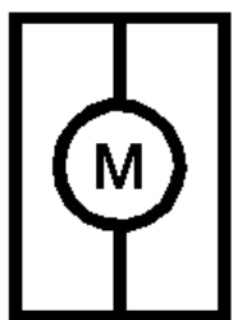


Clutch

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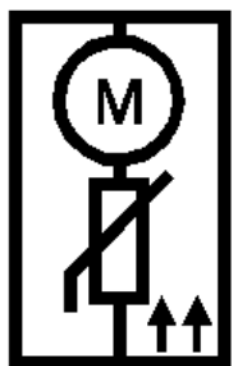


Motor

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Motor with
PTC

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Antenna

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Speaker

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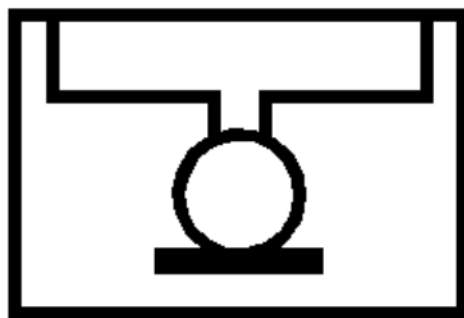


Horn

cardiaqn.com

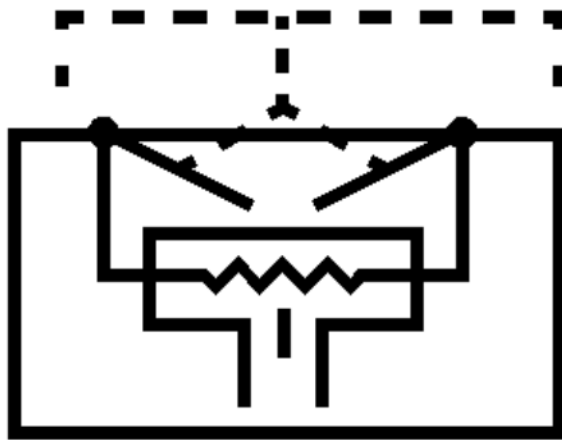
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Microphone

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Airbag

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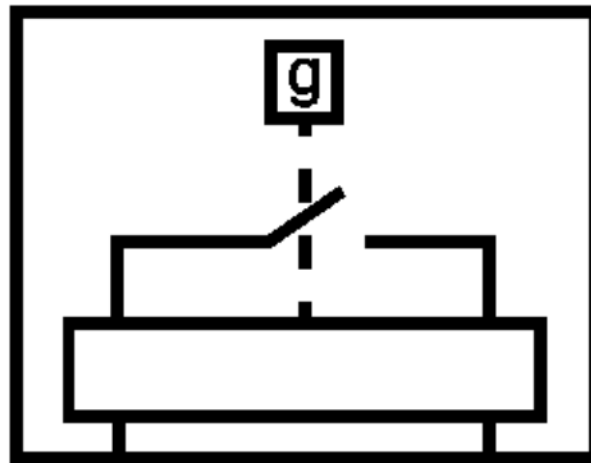
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SIR Coil

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SIR Impact Sensor

VEHICLE ZONING STRATEGY

All grounds, in-line connectors, and splices have identifying numbers that correspond to where they are located in the vehicle. The following table explains the numbering system.

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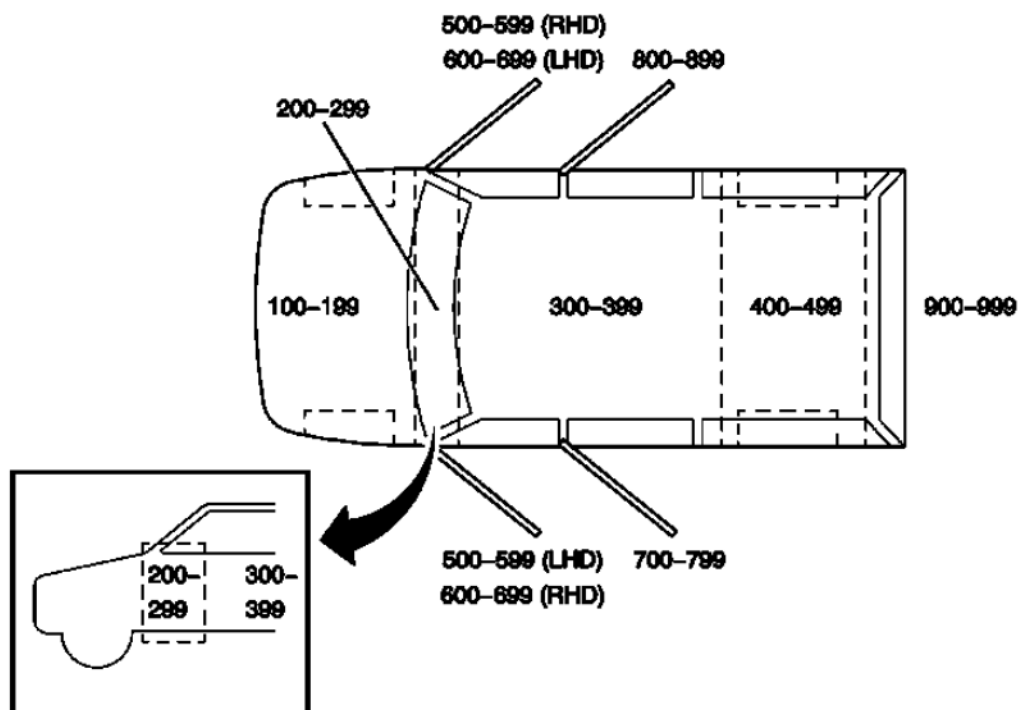


Fig. 29: View Of Utility/Van Zoning

Courtesy of GENERAL MOTORS COMPANY

Vehicle Zoning Strategy

Callout Numbers	Zone Description
100-199	Engine compartment (all forward of the instrument panel)
200-299	Within the instrument panel area (between the bulkhead and the front plane of the instrument panel)
300-399	Passenger compartment (from instrument panel to the back of the 2nd row seats)
400-499	Luggage compartment (from the back of the 2nd row seats to the rear of the vehicle, including any additional rows of seating rear of the 2nd row seats)
500-599	Inline harness connectors to or within the driver door
600-699	Inline harness connectors to or within the front passenger door
700-799	Inline harness connectors to or within the left rear door
800-899	Inline harness connectors to or within the right rear door
900-999	Inline harness connectors to or within the liftgate, lift window, endgate, or rear doors

SCHEMATICS RPO CODE LIST

Schematics RPO Code List

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RPO	Option Name	Country Group
A45	MEMORY-SEAT ADJUSTER, MIRROR, POWER, DRIVER, PERSONALIZATION	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY)
AG1	ADJUSTER FRT ST-POWER, MULTI-DIRECTIONAL, DRIVER	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), Mid-East (MAM)
AG2	ADJUSTER PASS ST-POWER, MULTI-DIRECTIONAL	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), Mid-East (MAM)
AG3	ADJUSTER FRT ST-POWER, 8 WAY, 5 POSITION MEMORY, DRIVER	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY)
AH5	ADJUSTER FRT ST-POWER, 8 WAY, NO MEMORY, DRIVER	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
AH8	ADJUSTER PASS ST-POWER, 8 WAY	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
AQQ	LOCK CONTROL, ENTRY-REMOTE ENTRY, EXTENDED RANGE (MY 09 AND FUTURE)	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY)
B8K	PLATE-DOOR SILL CVR "DENALI"	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), Mid-East (MAM)
BTV	REMOTE START-ENGINE	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)

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C3U	ROOF-SUN, GLASS, SLIDING, ELEC, TRANSPARENT GLASS FIXED	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
C67	HVAC SYSTEM-AIR CONDITIONER FRT, ELECTRONIC CONTROLS	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
CJ2	HVAC SYSTEM-AIR CONDITIONER FRT, AUTO TEMP CONT, AUX TEMP CONT	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
CZ2	China	China
DD8	MIRROR I/S R/V-LT SENSITIVE	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
DL6	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, MANUAL FOLDING, COLOR	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
DM8	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, MANUAL FOLDING, TURN SIG IND, LT SENSITIVE/DRIVER, COLOR	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
DNP	MIRROR O/S-LH and RH, REM CONTROL, ELECTRIC, HEATED, PWR FOLDING, TURN SIG IND, LT SENSITIVE/DRIVER, COLOR	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY)
DS3	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, MANUAL FOLDING, TURN SIG IND, COLOR	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
DVD	DVD PLAYER	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX)
		U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel

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KA1	HEATER SEAT FRT-DRVR and PASS	(MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
KB6	HEATER-SEAT, COOLING, FRT	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY)
KI6	RECEPTACLE-ELECTRICAL, FRT CONSOLE RR 110 VOLT	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), S America2 - Andean (MAY)
KI7	RECEPTACLE-ELECTRICAL, FRT CONSOLE RR 230 VOLT	China Group (MAO), Israel (MBI), Mid-East (MAM), SE Asia (MAF)
KV1	INVERTER-POWER PORT, 110 VOLT	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
M7X	TRANSMISSION-AUTO 6 SPD, 6T75, AWD, GEN 2	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
N38	STEERING COLUMN-TILT, TELESCOPING, POWER	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), China Group (MAO), Mid-East (MAM)
RCA	CONTROL-REAR CARGO, RADIO, REDUNDANT	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), Mid-East (MAM)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009	China Group (MAO)
T61	LAMP SYSTEM-DAYTIME RUNNING	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), S America2 - Andean (MAY)
T79	LAMP-FOG, RR	China Group (MAO)
T89	LAMP-TAIL and STOP, EXPORT	China Group (MAO)
T96	LAMP-FRT FOG, FMVSS (DO NOT USE AFTER 09 MAJOR GLOBAL PRGRAMS, USE T3U and VCS FAMILY)	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
T97	HEADLAMPS-HIGH INTENSITY DISCHARGE (XENON) (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T4F)	China Group (MAO)

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TB4	BODY EQUIPMENT-LIFT GATE (MANUAL)	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
TB5	BODY EQUIPMENT-LIFT GATE (POWER)	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX)
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), Mid-East (MAM)
U2K	DIGITAL AUDIO SYSTEM-S-BAND	U.S.A., PR and USVI (MAH), Canada (MBC)
U42	ENTERTAINMENT PKG-REAR SEAT, SINGLE DISPLAY, REM CONTROL, AUX JACK, 2-WIRELESS DUAL CHANNEL HEADPHONES	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
U80	DISPLAY-COMPASS	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
UBS	DIGITAL AUDIO SYSTEM-S-BAND AND TRAFFIC	U.S.A., PR and USVI (MAH), Canada (MBC)
UD7	PARK ASSIST-REAR	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
UE1	COMMUNICATION SYSTEM-VEHICLE, ONSTAR	U.S.A., PR and USVI (MAH), Canada (MBC), China Group (MAO)
UFT	SIDE ACTIVE SAFETY-OBSTACLE DETECTION	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY)
	OPENER-GARAGE DOOR,	U.S.A., PR and USVI (MAH), Canada

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UG1	UNIVERSAL	(MBC), Mexico (MCX)
UGX	RADIO-AM/FM/XM, TOUCHSCREEN, NAVIGATION, CONNECTED, HD, CD, DVD, AUX JACK, USB PORT, DVD, RSE	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), Mid-East (MAM)
UGY	RADIO-AM/FM/XM, TOUCHSCREEN, NAVIGATION, CONNECTED, HD, CD, AUX JACK, USB PORT	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), Mid-East (MAM)
UH9	CLUSTER-INST, COOL TEMP, TRIP ODOM, TACH, DR INFO CTR (DO NOT USE AFTER MY 2009 ON NEW/MAJOR PRGMS)	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
UK3	CONTROL-STEERING WHEEL, ACCESSORY	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
ULD	AUDIO CONTROL-RR SEAT and EARPHONE JACKS, DISPLAY	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
UPF	WIRELESS INTERFACE-SHORT RANGE, VOICE REC	U.S.A., PR and USVI (MAH), Canada (MBC), China Group (MAO)
UQA	SPEAKER SYSTEM-PREMIUM AUDIO BRANDED WITH AMPLIFIER	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
UQF	SPEAKER SYSTEM-STANDARD AUDIO	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
UQS	SPEAKER SYSTEM-PREMIUM AUDIO BRANDED WITH SURROUND AMPLIFIER	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
USR	RECEPTACLE-USB	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)

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UUI	RADIO-AM/FM STEREO, SEEK/SCAN, CD, AUTO TONE, CLOCK, ETR, MP3, RDS, USB PORT	U.S.A., PR and USVI (MAH), Canada (MBC), CenAmer/Carib (MBD), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
UV6	DISPLAY-HEAD UP	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), Mid-East (MAM)
UVC	VISION-REAR VIEW, MONO	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
UVD	HEATER-STEERING WHEEL	U.S.A., PR and USVI (MAH), Canada (MBC), CenAmer/Carib (MBD), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY)
UVF	CAMERA-FRONT MODULE	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), China Group (MAO), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
V92	TRAILER PROVISIONS-	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
W49	MARKET BRAND-BUICK	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), China Group (MAO)
X88	MARKET BRAND-CHEVROLET	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), CenAmer/Carib (MBD), Israel (MBI), Mid-East (MAM), S America2 - Andean (MAY), SE Asia (MAF)
Z88	MARKET BRAND-GMC	U.S.A., PR and USVI (MAH), Canada (MBC), Mexico (MCX), Mid-East (MAM)

MASTER ELECTRICAL SCHEMATIC ICONS

Master Electrical Schematic Icons

Icon	Icon Definition
	WARNING: When performing service on or near the SIR components or the SIR wiring, the SIR system must be disabled. Refer

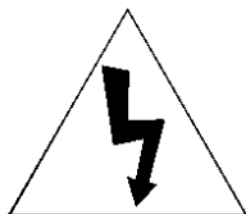


to SIR Disabling and Enabling. Failure to observe the correct procedure could cause deployment of the SIR components, personal injury, or unnecessary SIR system repairs.



WARNING:

The connector at the Inflatable Restraint Module cannot be disconnected or removed without damage to the module. If the connector is removed from the module, the entire module with harness must be replaced.



WARNING:

The high intensity discharge system produces high voltage and current. To reduce the risk of severe shocks and burns:

- Never open the high intensity discharge system ballast or the arc tube assembly starter.
- Never probe between the high intensity discharge system ballast output connector and the arc tube assembly.

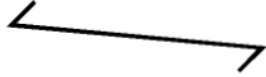
NOTE:

Twisted wires provide an effective shield that helps protect sensitive electronic components from electrical interference.

In order to prevent electrical interference from degrading the performance of the connected components, you must maintain the proper specification when making any repairs to the twisted wires shown :

- The wires must be twisted a minimum of 10 turns

- The outside diameter of the twisted wires must not exceed 6.0 mm (0.25 in).

[illegible]

Callout	Component Name
2	TBD
2_RD	2 RD

2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

CONN_X4	X4
1	Unfused Battery Positive Voltage
1_RD	1 RD
1_RD	1 RD
CONN_X1	X1
1_RD	1 RD
CAV_B	B
2_RD	2 RD
CAV_1	1
CONN_X2	X2
4640	Battery Positive Voltage
4640_RD/WH	4640 RD/WH
CAV_15	15
CONN_X1	X1
CAV_A	A
4640_RD/WH	4640 RD/WH
CAV_1	1
W49	MARKET BRAND-BUICK
T89	LAMP-TAIL and STOP, EXPORT
CAV_87	87
CAV_85	85
CONN_87	87
CAV_30	30
CAV_30	30
CAV_30	30
CAV_30	30
CAV_87	87
CAV_30	30
CAV_85	85
CAV_30	30
CAV_87	87
CAV_85	85
CAV_30	30
CAV_87	87
CAV_86	86
CAV_30	30
CAV_85	85
CAV_30	30
CAV_30	30
UE1	COMMUNICATION SYSTEM-VEHICLE, ONSTAR
X325	X325

2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

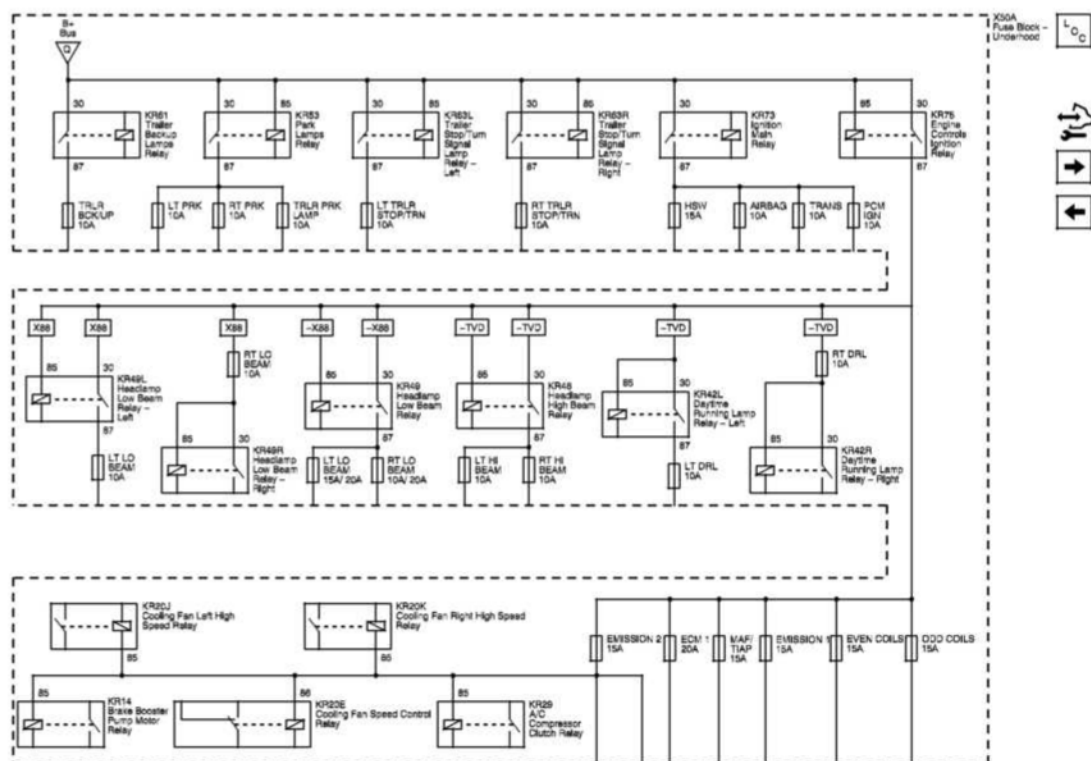
Q_REF	Q
BATT	BATT 1 50A
BATT	BATT 2 50A
BATT	BATT 3 50A
HVAC	HVAC BLWR 40A
ABS	ABS MTR 40A
AUX	AUX POWER 20A
ECM	ECM 15A
ABS	ABS MTR 25A
TRLR	TRLR PWR 30A
TRLR	TRLR BRK 30A
PWR	PWR L/GATE 30A
200A	200A
CIGAR	CIGAR LIGHTER 20A
AFS	AFS 15A
S/ROOF/	S/ROOF/ SUNSHADE 30A
PWR	PWR OUTLET 25A
RR	RR HVAC 30A
RR	RR APO 20A
AWD	AWD 15A
RVC	RVC SNSR 10A
TCM	TCM 15A
15A	15A
LT	LT LO BEAM 15A/ 20A
RT	RT LO BEAM 10A/ 20A
LT	LT HI BEAM 10A
RT	RT HI BEAM 10A
HORN	HORN 15A
AUX	AUX VAC PUMP 20A
STOP	STOP LAMP 10A
WPR/	WPR/ WSW 25A
A/C	A/C CLTCH 10A
STRTR	STRTR 40A
RR	RR DEFOG 40A
HTD	HTD MIR 10A
FSCM	FSCM 25A
FOG	FOG LAMP 15A
FAN2	FAN2 40A
FAN1	FAN1 30A
G13	G13 Generator
X50A	X50A Fuse Block - Underhood

2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

G13	G13 Generator
KR49	Headlamp Low Beam Relay
KR48	Headlamp High Beam Relay
KR46	Front Fog Lamp Relay
KR3	Horn Relay
KR59	Stop Lamp Relay
KR12B	Windshield Wiper Relay
KR29	A/C Compressor Clutch Relay
KR27	Starter Relay
M64	M64 Starter Motor
C1	C1 Battery
X55J	X55J Fuse Holder - Generator
K73	K73 Telematics Communication Interface Control Module ((UE1))
KR12C	Windshield Wiper Speed Control Relay
KR20J	Cooling Fan Left High Speed Relay
KR20K	Cooling Fan Right High Speed Relay
KR5	Rear Defogger Relay
OnStar_Schematics_REF	OnStar® Schematics
KR14	Brake Booster Pump Motor Relay
X55B	X55B Fuse Holder - Telematics ((UE1))

B+ Bus 2 Of 2



2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

CAV_85	85
CAV_85	85
CAV_86	86
CAV_85	85
CAV_85	85
TRLR	TRLR BCK/UP 10A
LT	LT PRK 10A
RT	RT PRK 10A
TRLR	TRLR PRK LAMP 10A
LT	LT TRLR STOP/TRN 10A
RT	RT TRLR STOP/TRN 10A
REAR	REAR CAMERA 10A
AIRBAG	AIRBAG 10A
TRANS	TRANS 10A
PCM	PCM IGN 10A
EMISSION	EMISSION 2 15A
ECM	ECM 1 15A
EMISSION	EMISSION 1 15A
EVEN	EVEN COILS 15A
ODD	ODD COILS 15A
Q_REF	Q
KR29	A/C Compressor Clutch Relay
KR53	Park Lamps Relay
KR73	Ignition Main Relay
KR61	Trailer Backup Lamps Relay
KR63L	Trailer Stop/Turn Signal Lamp Relay - Left
KR63R	Trailer Stop/Turn Signal Lamp Relay - Right
KR20J	Cooling Fan Left High Speed Relay
KR20K	Cooling Fan Right High Speed Relay
KR14	Brake Booster Pump Motor Relay
KR20E	Cooling Fan Speed Control Relay
KR75	Engine Controls Ignition Relay

AIRBAG, AMP, BATT 1, BCM, CNSTR/VENT, CTSY, INADV/PWR/LED and RPA/SBZA/UGO Fuses

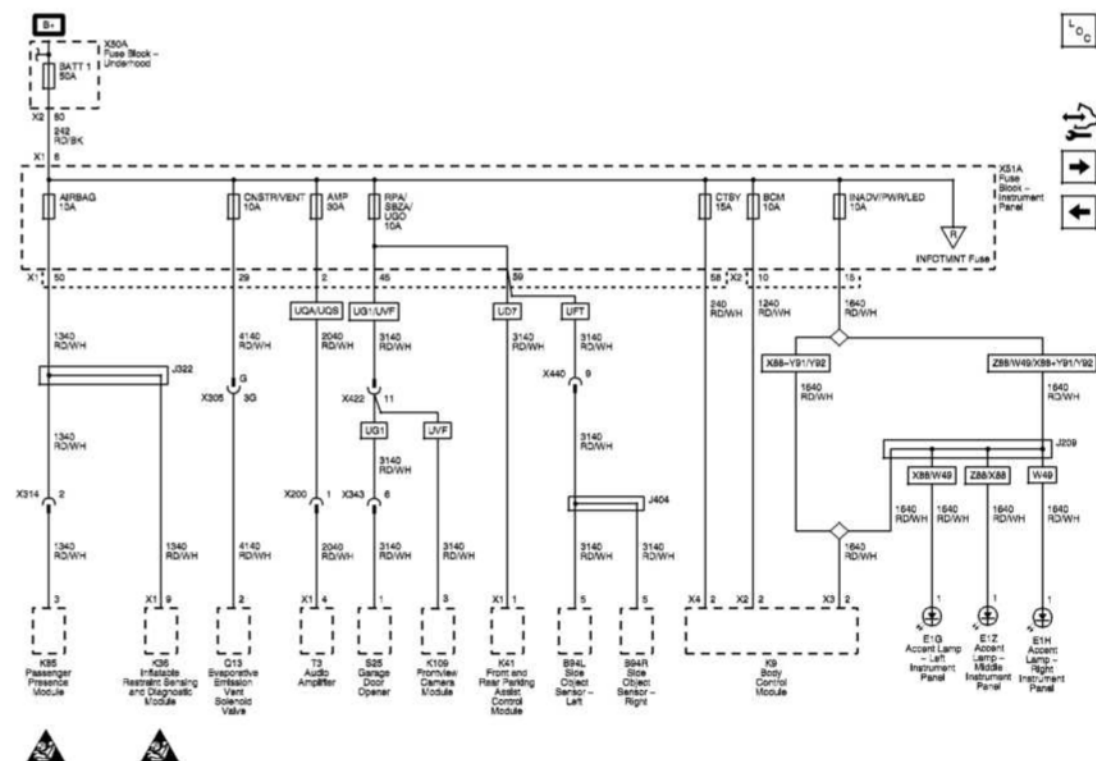


Fig. 32: AIRBAG, AMP, BATT 1, BCM, CNSTR/VENT, CTSY, INADV/PWR/LED And RPA/SBZA/UGO Wiring Schematics

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
242	Battery Positive Voltage
242_RD/BK	242 RD/BK
CAV_6	6
CONN_X1	X1
CAV_80	80
CONN_X2	X2
1340	Battery Positive Voltage
1340_RD/WH	1340 RD/WH
CAV_A	A
CAV_50	50
CONN_X1	X1
1340_RD/WH	1340 RD/WH
CAV_9	9
CONN_X1	X1
4140	Battery Positive Voltage
4140_RD/WH	4140 RD/WH

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

CAV_2	2
CAV_29	29
2040	Battery Positive Voltage
2040_RD/WH	2040 RD/WH
CAV_4	4
CONN_X1	X1
CAV_2	2
3140	Battery Positive Voltage
3140_RD/WH	3140 RD/WH
CAV_1	1
CAV_45	45
3140_RD/WH	3140 RD/WH
CAV_1	1
CONN_X1	X1
CAV_59	59
3140_RD/WH	3140 RD/WH
CAV_5	5
240	Battery Positive Voltage
240_RD/WH	240 RD/WH
CAV_2	2
CONN_X4	X4
CAV_58	58
1240	Battery Positive Voltage
1240_RD/WH	1240 RD/WH
CAV_2	2
CONN_X2	X2
CAV_10	10
CONN_X2	X2
1640	Battery Positive Voltage
1640_RD/WH	1640 RD/WH
CAV_2	2
CONN_X3	X3
CAV_15	15
1640_RD/WH	1640 RD/WH
1640_RD/WH	1640 RD/WH
1640_RD/WH	1640 RD/WH
3140_RD/WH	3140 RD/WH
CAV_5	5
CAV_2	2
CAV_1	1
CAV_6	6

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

CAV_3G	3G
CAV_G	G
CAV_11	11
CAV_9	9
1340_RD/WH	1340 RD/WH
1340_RD/WH	1340 RD/WH
4140_RD/WH	4140 RD/WH
2040_RD/WH	2040 RD/WH
3140_RD/WH	3140 RD/WH
3140_RD/WH	3140 RD/WH
1640_RD/WH	1640 RD/WH
1340_RD/WH	1340 RD/WH
4140_RD/WH	4140 RD/WH
2040_RD/WH	2040 RD/WH
3140_RD/WH	3140 RD/WH
3140_RD/WH	3140 RD/WH
3140_RD/WH	3140 RD/WH
UD7	PARK ASSIST-REAR
UG1	OPENER-GARAGE DOOR, UNIVERSAL
UQA	SPEAKER SYSTEM-PREMIUM AUDIO BRANDED WITH AMPLIFIER
UQS	SPEAKER SYSTEM-PREMIUM AUDIO BRANDED WITH SURROUND AMPLIFIER
UFT	SIDE ACTIVE SAFETY-OBSTACLE DETECTION
BATT	BATT 1 50A
R_REF	R
AIRBAG	AIRBAG 10A
CNSTR/VENT	CNSTR/VENT 10A
AMP	AMP 30A
RPA/	RPA/ SBZA/ UGO 10A
CTSY	CTSY 15A
BCM	BCM 10A
INADV/PWR/LED	INADV/PWR/LED 10A
J205	J205
J322	J322
J404	J404
X314	X314
X200	X200
X343	X343
X305	X305
X422	X422

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

X440	X440
X50A	X50A Fuse Block - Underhood
T3	T3 Audio Amplifier ((UQA or UQS))
S25	S25 Garage Door Opener ((UG1))
Object_Detection_Schematics_REF	Object Detection Schematics
X51A	X51A Fuse Block - Instrument Panel
B94L	B94L Side Object Sensor - Left ((UFT))
B94R	B94R Side Object Sensor - Right ((UFT))
E1G	E1G Accent Lamp - Left Instrument Panel ((Z88 or X88))
K9	K9 Body Control Module
E1H	E1H Accent Lamp - Right Instrument Panel ((W49))
K36	K36 Inflatable Restraint Sensing and Diagnostic Module
Q13	Q13 Evaporative Emission Vent Solenoid Valve
K85	Passenger Presence Module

BATT 2, BCK/UP/STOP, LT/TRN/SIG, PDM, PWR/MIR and RT/TRN/SIG Fuses, LT/PWR/SEAT, PWR/COLUMN and RT/PWR/SEAT Circuit Breakers

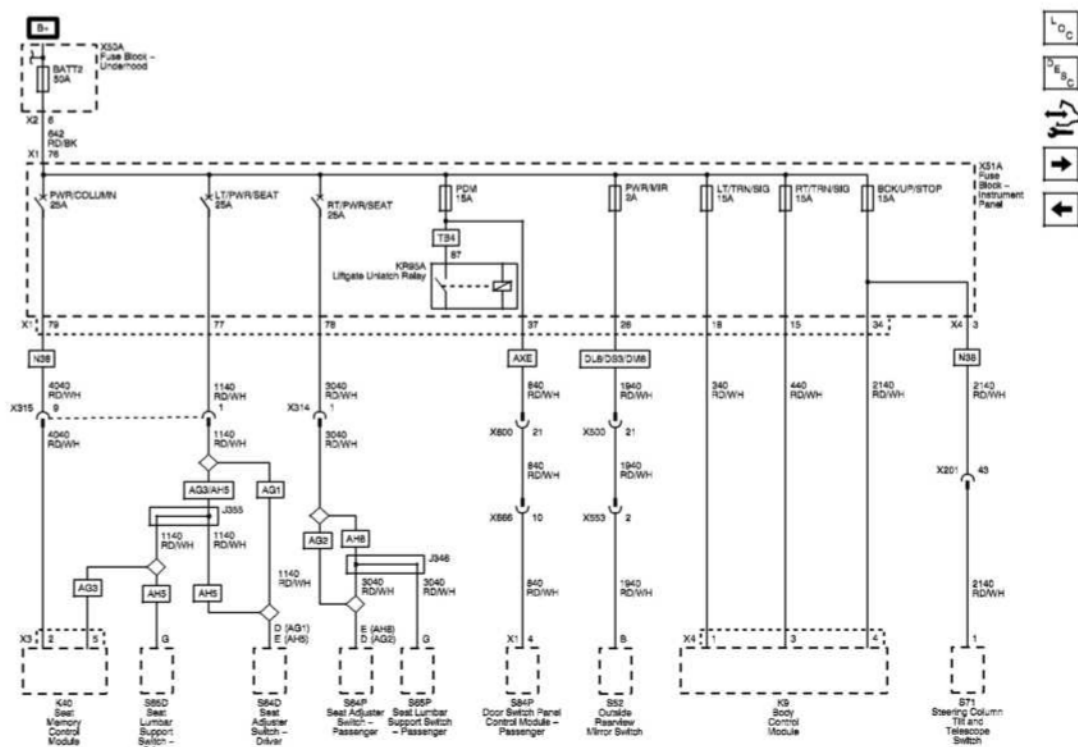


Fig. 33: BATT 2, BCK/UP/STOP, LT/TRN/SIG, PDM, PWR/MIR And RT/TRN/SIG Fuses, LT/PWR/SEAT, PWR/COLUMN And RT/PWR/SEAT Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

Callout	Component Name
624	Headlamp Alarm Signal
624_RD/BK	624 RD/BK
CAV_76	76
CONN_X1	X1
CAV_6	6
CONN_X2	X2
4040	Battery Positive Voltage
4040_RD/WH	4040 RD/WH
CAV_2	2
CONN_X3	X3
CAV_79	79
CONN_X1	X1
1140	Battery Positive Voltage
1140_RD/WH	1140 RD/WH
CAV_E	E
CAV_77	77
1140_RD/WH	1140 RD/WH
1140_RD/WH	1140 RD/WH
CAV_G	G
CAV_5	5
3040	Battery Positive Voltage
3040_RD/WH	3040 RD/WH
CAV_D	D
CAV_78	78
3040_RD/WH	3040 RD/WH
3040_RD/WH	3040 RD/WH
CAV_G	G
840	Battery Positive Voltage
840_RD/WH	840 RD/WH
CAV_4	4
CONN_X1	X1
CAV_37	37
1940	Battery Positive Voltage
1940_RD/WH	1940 RD/WH
CAV_B	B
CAV_26	26
340	Battery Positive Voltage
340_RD/WH	340 RD/WH
CAV_1	1
CONN_X4	X4

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

CAV_18	18
440	Battery Positive Voltage
440_RD/WH	440 RD/WH
CAV_3	3
CAV_15	15
2140	Battery Positive Voltage
2140_RD/WH	2140 RD/WH
CAV_4	4
CAV_34	34
2140_RD/WH	2140 RD/WH
CAV_1	1
CAV_3	3
CONN_X4	X4
AG3	ADJUSTER FRT ST-POWER, 8 WAY, 5 POSITION MEMORY, DRIVER
AH5	ADJUSTER FRT ST-POWER, 8 WAY, NO MEMORY, DRIVER
AG1	ADJUSTER FRT ST-POWER, MULTI-DIRECTIONAL, DRIVER
CAV_1	1
CAV_21	21
CAV_10	10
CAV_21	21
CAV_2	2
2140_RD/WH	2140 RD/WH
CAV_43	43
N38	STEERING COLUMN-TILT, TELESOPING, POWER
4040_RD/WH	4040 RD/WH
1140_RD/WH	1140 RD/WH
1140_RD/WH	1140 RD/WH
AG3	ADJUSTER FRT ST-POWER, 8 WAY, 5 POSITION MEMORY, DRIVER
AH5	ADJUSTER FRT ST-POWER, 8 WAY, NO MEMORY, DRIVER
AH5	ADJUSTER FRT ST-POWER, 8 WAY, NO MEMORY, DRIVER
AG2	ADJUSTER PASS ST-POWER, MULTI-DIRECTIONAL
CAV_D	D
CAV_E	E
AG1	ADJUSTER FRT ST-POWER, MULTI-DIRECTIONAL, DRIVER
AH5	ADJUSTER FRT ST-POWER, 8 WAY, NO MEMORY, DRIVER
AG2	ADJUSTER PASS ST-POWER, MULTI-DIRECTIONAL
3040_RD/WH	3040 RD/WH
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
DL6	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, MANUAL FOLDING, COLOR

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

DS3	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, MANUAL FOLDING, TURN SIG IND, COLOR
840_RD/WH	840 RD/WH
840_RD/WH	840 RD/WH
1940_RD/WH	1940 RD/WH
1940_RD/WH	1940 RD/WH
N38	STEERING COLUMN-TILT, TELESCOPING, POWER
TB4	BODY EQUIPMENT-LIFT GATE (MANUAL)
CAV_87	87
AH8	ADJUSTER PASS ST-POWER, 8 WAY
AH8	ADJUSTER PASS ST-POWER, 8 WAY
X315	X315
CAV_9	9
CAV_1	1
BATT2	BATT2 50A
PWR/COLUMN	PWR/COLUMN 25A
LT/PWR/SEAT	LT/PWR/SEAT 25A
RT/PWR/SEAT	RT/PWR/SEAT 25A
PDM	PDM 15A
PWR/MIR	PWR/MIR 2A
LT/TRN/SIG	LT/TRN/SIG 15A
RT/TRN/SIG	RT/TRN/SIG 15A
BCK/UP/STOP	BCK/UP/STOP 15A
X314	X314
X600	X600
X666	X666
X500	X500
X553	X553
X201	X201
J355	J355
J346	J346
X315	X315
X50A	X50A Fuse Block - Underhood
S65D	S65D Seat Lumbar Support Switch - Driver ((AG3 or AH5))
K40	K40 Seat Memory Control Module ((A45))
X51A	X51A Fuse Block - Instrument Panel
S64D	S64D Seat Adjuster Switch - Driver ((AG1 or AG3 or AH5))
K9	K9 Body Control Module
KR95A	Liftgate Unlatch Relay
S64P	S64P Seat Adjuster Switch - Passenger ((AAQ or AG2))
S65P	S65P Seat Lumbar Support Switch - Passenger ((AAQ))

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S52	S52 Outside Rearview Mirror Switch ((without AXE))
S13P	S13P Door Lock Switch - Passenger ((without AXE))
S71	S71 Steering Column Tilt and Telescope Switch ((N38))

BATT 3, DRL, DR/LCK, LT LO BEAM and RT LO BEAM Fuses and PWR/WNDW Circuit Breaker

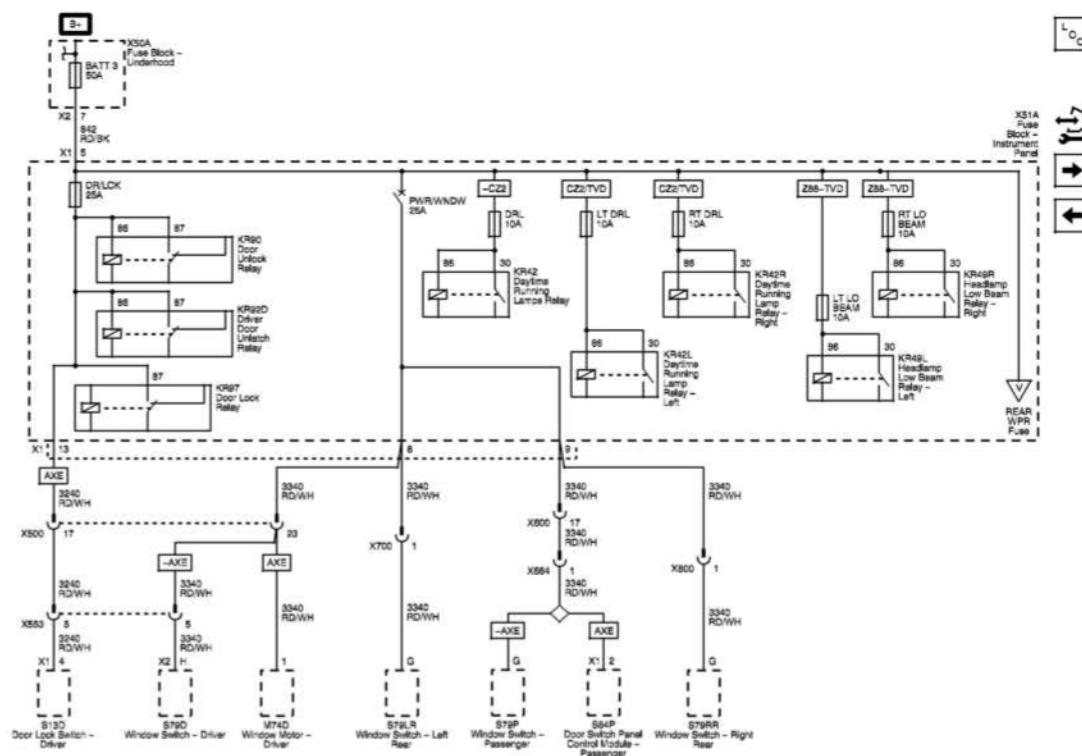


Fig. 34: BATT 3, DRL, DR/LCK, LT LO BEAM And RT LO BEAM Fuses And PWR/WNDW Wiring Schematics

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
CAV_86	86
CAV_87	87
CAV_86	86
CAV_87	87
CAV_87	87
842	Battery Positive Voltage
842_RD/BK	842 RD/BK
CAV_5	5
CONN_X1	X1
CAV_7	7

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CONN_X2	X2
T61	LAMP SYSTEM-DAYTIME RUNNING
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
W49	MARKET BRAND-BUICK
T79	LAMP-FOG, RR
CAV_30	30
CAV_85	85
CAV_30	30
CAV_85	85
CAV_86	86
CAV_30	30
3240	Battery Positive Voltage
3240_RD/WH	3240 RD/WH
CAV_4	4
CONN_X1	X1
CAV_13	13
CONN_X1	X1
3340	Battery Positive Voltage
3340_RD/WH	3340 RD/WH
CAV_G	G
CAV_8	8
CAV_1	1
3340_RD/WH	3340 RD/WH
CAV_H	H
CONN_X2	X2
3340_RD/WH	3340 RD/WH
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
3240_RD/WH	3240 RD/WH
3240_RD/WH	3240 RD/WH
3340_RD/WH	3340 RD/WH
3340_RD/WH	3340 RD/WH
3340_RD/WH	3340 RD/WH
CAV_1	1
3340_RD/WH	3340 RD/WH

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CAV_2	2
CONN_X1	X1
CAV_9	9
CAV_G	G
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
3340_RD/WH	3340 RD/WH
3340_RD/WH	3340 RD/WH
CAV_17	17
CAV_1	1
3340_RD/WH	3340 RD/WH
CAV_G	G
3340_RD/WH	3340 RD/WH
CAV_1	1
X500	X500
CAV_23	23
CAV_17	17
X553	X553
CAV_5	5
CAV_5	5
BATT	BATT 3 50A
DR/LCK	DR/LCK 25A
DRL	DRL 15A (T61) 10A (TVD)
DRL	DRL 2 10A
RR	RR FOG 10A
V_REF	V
PWR/WNDW	PWR/WNDW 25A
X700	X700
X600	X600
X664	X664
X800	X800
X500	X500
X553	X553
X50A	X50A Fuse Block - Underhood
KR90	Door Unlock Relay
KR92D	Driver Door Unlatch Relay
KR97	Door Lock Relay
KR42L	Daytime Running Lamp Relay - Left
KR57	Rear Fog Lamp Relay

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X51A	X51A Fuse Block - Instrument Panel
KR42	Daytime Running Lamps Relay
S79D	S79D Window Switch - Driver ((without AXE))
M74D	M74D Window Motor - Driver
S79LR	S79LR Window Switch - Left Rear
S79P	S79P Window Switch - Passenger ((without AXE))
S79RR	S79RR Window Switch - Right Rear
S13D	S13D Door Lock Switch - Driver ((without AXE))
S13P	S13P Door Lock Switch - Passenger ((without AXE))

DSPLY, FOG LAMP, HI BEAM, INFOTMNT, PWR MODE, RDO and RR FOG Fuses

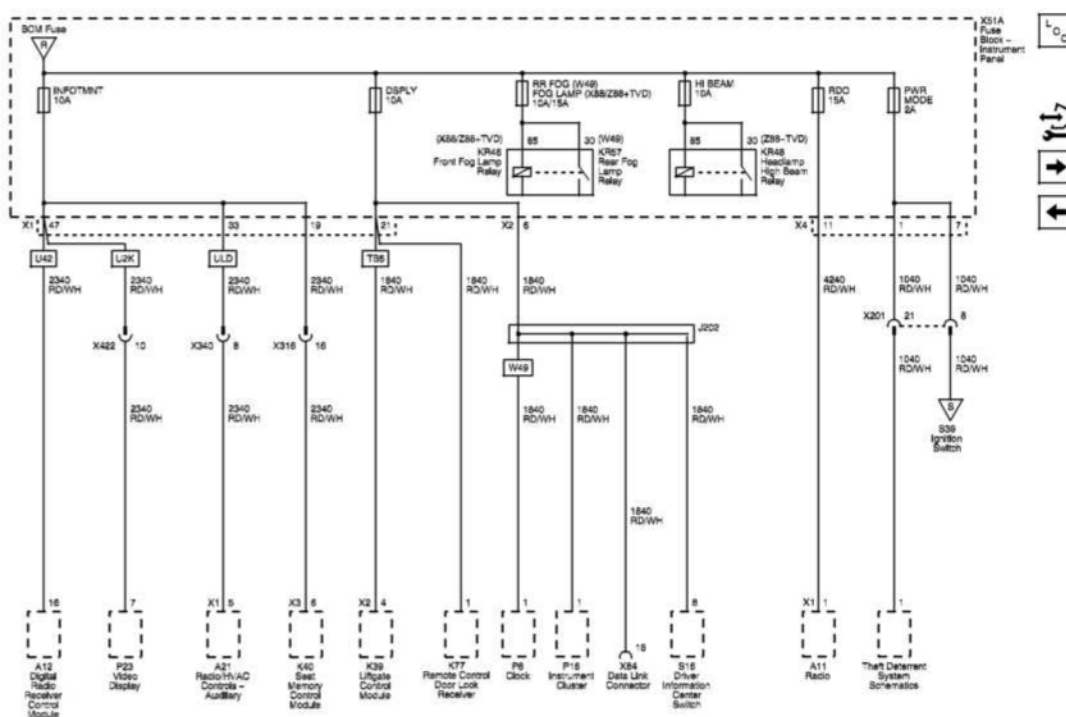


Fig. 35: DSPLY, FOG LAMP, HI BEAM, INFOTMNT, PWR MODE, RDO And RR FOG Wiring Schematics

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
2340	Battery Positive Voltage
2340_RD/WH	2340 RD/WH
CAV_16	16
CAV_47	47

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CONN_X1	X1
2340_RD/WH	2340 RD/WH
CAV_7	7
2340_RD/WH	2340 RD/WH
CAV_5	5
CONN_X1	X1
CAV_33	33
2340_RD/WH	2340 RD/WH
CAV_6	6
CONN_X3	X3
CAV_19	19
1840	Battery Positive Voltage
1840_RD/WH	1840 RD/WH
CAV_4	4
CONN_X2	X2
CAV_21	21
1840_RD/WH	1840 RD/WH
CAV_1	1
1840_RD/WH	1840 RD/WH
CAV_1	1
CAV_6	6
CONN_X2	X2
1840_RD/WH	1840 RD/WH
CAV_1	1
1840_RD/WH	1840 RD/WH
1840_RD/WH	1840 RD/WH
CAV_8	8
3240	Battery Positive Voltage
CAV_1	1
CONN_X1	X1
CAV_11	11
CONN_X4	X4
1040	Battery Positive Voltage
1040_RD/WH	1040 RD/WH
CAV_1	1
CAV_1	1
1040_RD/WH	1040 RD/WH
CAV_7	7
4240_RD/WH	4240 RD/WH
1040_RD/WH	1040 RD/WH
1040_RD/WH	1040 RD/WH

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2340_RD/WH	2340 RD/WH
2340_RD/WH	2340 RD/WH
2340_RD/WH	2340 RD/WH
2340_RD/WH	2340 RD/WH
1840_RD/WH	1840 RD/WH
CAV_10	10
CAV_8	8
CAV_16	16
W49	MARKET BRAND-BUICK
CAV_16	16
U42	ENTERTAINMENT PKG-REAR SEAT, SINGLE DISPLAY, REM CONTROL, AUX JACK, 2-WIRELESS DUAL CHANNEL HEADPHONES
U2K	DIGITAL AUDIO SYSTEM-S-BAND
ULD	AUDIO CONTROL-RR SEAT and EARPHONE JACKS, DISPLAY
TB5	BODY EQUIPMENT-LIFT GATE (POWER)
X201	X201
CAV_21	21
CAV_8	8
INFOTMNT	INFOTMNT 10A
DSPLY	DSPLY 10A
RDO	RDO 15A
PWR	PWR MODE 2A
S_REF	S
X422	X422
X340	X340
X316	X316
J202	J202
R_REF	R
X201	X201
A11	A11 Radio
S39	S39 Ignition Switch
Theft_Deterrent_System_Schematics_REF	Theft Deterrent System Schematics
X51A	X51A Fuse Block - Instrument Panel
A12	A12 Digital Radio Receiver Control Module ((U2K or UBS))
K39	K39 Liftgate Control Module ((TB5))
X84	X84 Data Link Connector
A21	A21 Radio/HVAC Controls - Auxiliary
P6	P6 Clock ((W49))
S16	S16 Driver Information Center Switch ((UH9))

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K40	K40 Seat Memory Control Module ((A45))
K77	K77 Remote Control Door Lock Receiver
P16	P16 Instrument Cluster
P23	P23 Video Display ((U42))

FRT/WSW, HVAC, HTD/COOL SEAT and REAR WPR Fuses

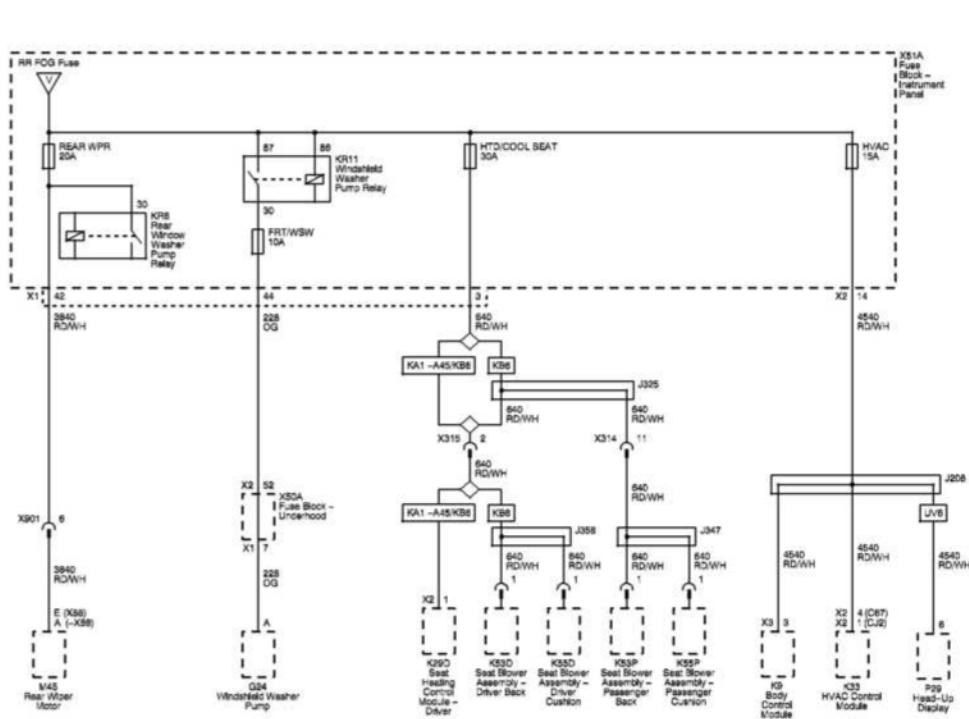


Fig. 36: FRT/WSW, HVAC, HTD/COOL SEAT And REAR WPR Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
CAV_30	30
CAV_87	87
CAV_86	86
CAV_30	30
3840	Battery Positive Voltage
3840_RD/WH	3840 RD/WH
CAV_A	A
CAV_42	42
CONN_X1	X1
3840_RD/WH	3840 RD/WH

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CAV_6	6
CAV_E	E
X88	MARKET BRAND-CHEVROLET
X88	MARKET BRAND-CHEVROLET
228	Windshield Washer Pump Control
228_OG	228 OG
CAV_52	52
CONN_X2	X2
CAV_44	44
228_OG	228 OG
CAV_A	A
CAV_7	7
CONN_X1	X1
640	Battery Positive Voltage
640_RD/WH	640 RD/WH
CAV_3	3
640_RD/WH	640 RD/WH
640_RD/WH	640 RD/WH
640_RD/WH	640 RD/WH
CAV_1	1
CONN_X2	X2
KA1	HEATER SEAT FRT-DRVR and PASS
A45	MEMORY-SEAT ADJUSTER, MIRROR, POWER, DRIVER, PERSONALIZATION
KB6	HEATER-SEAT, COOLING, FRT
KB6	HEATER-SEAT, COOLING, FRT
640_RD/WH	640 RD/WH
640_RD/WH	640 RD/WH
CAV_2	2
CAV_11	11
KA1	HEATER SEAT FRT-DRVR and PASS
A45	MEMORY-SEAT ADJUSTER, MIRROR, POWER, DRIVER, PERSONALIZATION
KB6	HEATER-SEAT, COOLING, FRT
KB6	HEATER-SEAT, COOLING, FRT
640_RD/WH	640 RD/WH
640_RD/WH	640 RD/WH
640_RD/WH	640 RD/WH
CAV_1	1
CAV_1	1
CAV_1	1

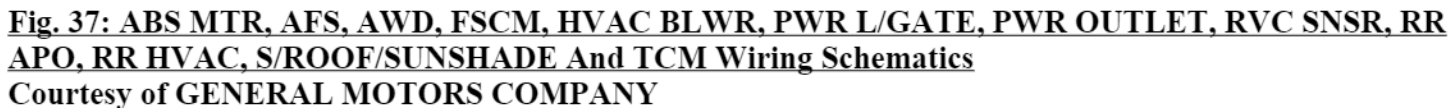
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CAV_1	1
4540	Battery Positive Voltage
4540_RD/WH	4540 RD/WH
CAV_1	1
CONN_X2	X2
CAV_14	14
CONN_X2	X2
4540_RD/WH	4540 RD/WH
CAV_4	4
CONN_X2	X2
C67	HVAC SYSTEM-AIR CONDITIONER FRT, ELECTRONIC CONTROLS
CJ2	HVAC SYSTEM-AIR CONDITIONER FRT, AUTO TEMP CONT, AUX TEMP CONT
UV6	DISPLAY-HEAD UP
4540_RD/WH	4540 RD/WH
CAV_6	6
4540_RD/WH	4540 RD/WH
CAV_3	3
CONN_X3	X3
V_REF	V
REAR	REAR WPR 20A
HTD/COOL	HTD/COOL SEAT 30A
HVAC	HVAC 15A
X901	X901
X315	X315
X314	X314
J325	J325
J358	J358
J347	J347
J208	J208
FRT/WSW	FRT/WSW 10A
X50A	X50A Fuse Block - Underhood
K29D	K29D Seat Heating Control Module - Driver ((KA1 without A45 or SPO Accessory))
X51A	X51A Fuse Block - Instrument Panel
KR6	Rear Window Washer Pump Relay
KR11	Windshield Washer Pump Relay
M45	M45 Rear Wiper Motor
G24	G24 Windshield Washer Pump
K9	K9 Body Control Module
K33	K33 HVAC Control Module

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ABS MTR, AFS, AWD, FSCM, HVAC BLWR, PWR L/GATE, PWR OUTLET, RVC SNSR, RR APO, RR HVAC, S/ROOF/SUNSHADE and TCM Fuses

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CAV_1	1
CAV_8	8
1740	Battery Positive Voltage
1740_RD/WH	1740 RD/WH
CAV_6	6
CONN_X2	X2
CAV_57	57
CONN_X2	X2
3640	Battery Positive Voltage
3640_RD/WH	3640 RD/WH
CAV_10	10
CAV_32	32
CONN_X3	X3
CONN_X1	X1
540	Battery Positive Voltage
540_RD/WH	540 RD/WH
CAV_56	56
CONN_X2	X2
CAV_31	31
1342	Battery Positive Voltage
1342_RD/BK	1342 RD/BK
CAV_3	3
CONN_X2	X2
CAV_31	31
CONN_X1	X1
2640	Battery Positive Voltage
2640_RD/WH	2640 RD/WH
CAV_6	6
CONN_X2	X2
CAV_73	73
CONN_X2	X2
2740	Battery Positive Voltage
2740_RD/WH	2740 RD/WH
CAV_6	6
CAV_82	82
140	Battery Positive Voltage
CAV_A	A
CAV_84	84
140_RD/WH	140 RD/WH
140_RD	140 RD
CAV_A	A

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442	Battery Positive Voltage
442_RD/BK	442 RD/BK
CAV_6	6
CONN_X2	X2
CAV_5	5
3440	Battery Positive Voltage
3440_RD/WH	3440 RD/WH
CAV_6	6
CAV_9	9
140_RD/WH	140 RD/WH
442_RD/BK	442 RD/BK
1740_RD/WH	1740 RD/WH
1342_RD/BK	1342 RD/BK
3440_RD/WH	3440 RD/WH
2640_RD/WH	2640 RD/WH
3440_RD/WH	3440 RD/WH
442_RD/BK	442 RD/BK
CAV_B	B
CAV_8	8
CAV_1	1
CAV_5	5
CAV_1	1
CAV_5	5
CAV_A	A
CAV_1	1
TB5	BODY EQUIPMENT-LIFT GATE (POWER)
KV1	INVERTER-POWER PORT, 110 VOLT
C3U	ROOF-SUN, GLASS, SLIDING, ELEC, TRANSPARENT GLASS FIXED
M7X	TRANSMISSION-AUTO 6 SPD, 6T75, AWD, GEN 2
140_RD/WH	140 RD/WH
ABS	ABS MTR 25A
ABS	ABS MTR 40A
AWD	AWD 15A
TCM	TCM 15A
ECM	ECM 15A
PWR	PWR L/GATE 30A
RR	RR HVAC 30A
PWR	PWR OUTLET 25A
RR	RR APO 20A
HVAC	HVAC BLWR 40A
S/ROOF/	S/ROOF/ SUNSHADE 30A

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X405	X405
X120	X120
X214	X214
X202	X202
X422	X422
X398	X398
X452	X452
X380	X380
K20	K20 Engine Control Module
K39	K39 Liftgate Control Module ((TB5))
K61	K61 Sunroof Control Module ((C3U))
K8	K8 Blower Motor Control Module
X50A	X50A Fuse Block - Underhood
K17	K17 Electronic Brake Control Module
T1	T1 Accessory DC/AC Power Inverter Module ((KV1))
K47	K47 Rear Differential Clutch Control Module ((MH6))
Q8	Q8 Control Solenoid Valve Assembly
X80L	X80L Accessory Power Receptacle - Rear Console ((DK1))
K8A	K8A Blower Motor Control Module - Auxiliary
T12	T12 Automatic Transmission Assembly

AUX POWER, CIGAR LIGHTER, RR DEFOG, TRLR BRK and TRLR PWR Fuses

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CAV_42	42
CONN_X3	X3
293	Rear Defog Element Supply Voltage
293_PU	293 PU
CAV_A	A
CONN_X1	X1
CAV_8	8
CONN_X2	X2
2267	Mirror Heating Element Supply Voltage
2267_OG	2267 OG
CAV_42	42
2267_OG	2267 OG
542	Battery Positive Voltage
542_RD/BK	542 RD/BK
CAV_76	76
1042	Battery Positive Voltage
1042_RD/BK	1042 RD/BK
CAV_75	75
2940	Battery Positive Voltage
2940_RD/WH	2940 RD/WH
CAV_32	32
CAV_78	78
2940_RD/WH	2940 RD/WH
542_RD/BK	542 RD/BK
1042_RD/BK	1042 RD/BK
2267_OG	2267 OG
2267_OG	2267 OG
2540_RD/WH	2540 RD/WH
1540_RD/WH	1540 RD/WH
2540_RD/WH	2540 RD/WH
1540_RD/WH	1540 RD/WH
4440_RD/WH	4440 RD/WH
293_PU	293 PU
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
DS3	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, MANUAL FOLDING, TURN SIG IND, COLOR
DS3	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, MANUAL FOLDING, TURN SIG IND, COLOR

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V92	TRAILER PROVISIONS-
V92	TRAILER PROVISIONS-
CAV_3	3
CAV_6	6
CAV_6	6
CAV_B	B
CAV_3	3
CAV_8	8
CAV_8	8
CAV_1	1
CAV_6	6
CAV_3A	3A
CAV_A	A
CAV_7	7
CAV_7	7
CAV_E	E
AUX	AUX POWER 20A
CIGAR	CIGAR LIGHTER 20A
RVC	RVC SNSR 15A
AFS	AFS 15A
RR	RR DEFOG 40A
TRLR	TRLR PWR 30A
TRLR	TRLR BRK 30A
HTD	HTD MIR 10A
X340	X340
X115	X115
X150	X150
X901	X901
X500	X500
X600	X600
X442	X442
X209	X209
X405	X405
FSCM	FSCM 25A
A9A	A9A Outside Rearview Mirror - Driver
A9B	A9B Outside Rearview Mirror - Passenger
K9	K9 Body Control Module
X88	X88 Trailer Connector
K26	K26 Headlamp Control Module ((TSH or T26))
W8	W8 Blunt Cut - Trailer Provision
X50A	X50A Fuse Block - Underhood

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K27	K27 Fuel Pump Control Module
X80G	X80G Accessory Power Receptacle - Instrument Panel
X80H	X80H Accessory Power Receptacle - Center Console
E18	E18 Rear Defogger Grid
KR5	Rear Defogger Relay

Ignition Switch and AIRBAG, HSW, PCM IGN and TRANS Fuses

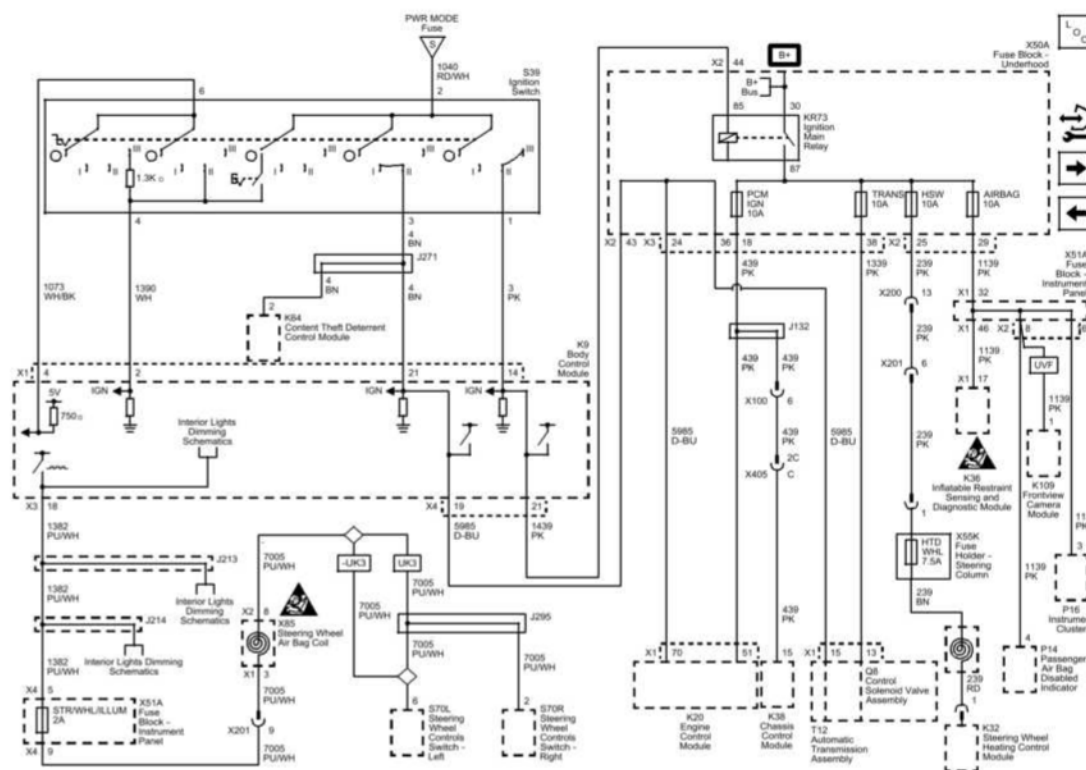


Fig. 39: Ignition Switch And AIRBAG, HSW, PCM IGN And TRANS Fuses Wiring Schematics
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1040	Battery Positive Voltage
1040_RD/WH	1040 RD/WH
CAV_2	2
1073	Ignition Key Resistor Signal
1073_WH/BK	1073 WH/BK
CAV_4	4
CONN_X1	X1
CAV_6	6
1390	Off/Run/Crank Voltage

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1390_WH	1390 WH
CAV_2	2
CAV_4	4
4	Accessory Voltage
4_BN	4 BN
CAV_21	21
CAV_3	3
3	Run/Crank Ignition 1 Voltage
3_PK	3 PK
CAV_14	14
CAV_1	1
4_BN	4 BN
CAV_85	85
CAV_30	30
CAV_87	87
1439	Run/Crank Ignition 1 Voltage
1439_PK	1439 PK
CAV_21	21
CAV_44	44
CONN_X2	X2
5985	Accessory Wake-up Serial Data
5985_D-BU	5985 D-BU
CAV_19	19
CONN_X4	X4
CAV_43	43
CONN_X2	X2
5985_D-BU	5985 D-BU
CAV_24	24
CONN_X3	X3
439_PK	439 PK
439	Run/Crank Ignition 1 Voltage
439_PK	439 PK
CAV_18	18
439_PK	439 PK
439_PK	439 PK
CAV_15	15
439_PK	439 PK
439_PK	439 PK
CAV_6	6
CAV_E	E
CAV_3E	3E

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5985_D-BU	5985 D-BU
CAV_15	15
CONN_X1	X1
CAV_36	36
1339	Run/Crank Ignition 1 Voltage
1339_PK	1339 PK
CAV_13	13
CAV_38	38
239	Run/Crank Ignition 1 Voltage
239_PK/BK	239 PK/BK
CAV_25	25
CONN_X2	X2
UVC	VISION-REAR VIEW, MONO
X88	MARKET BRAND-CHEVROLET
X88	MARKET BRAND-CHEVROLET
239_PK/BK	239 PK/BK
239_PK	239 PK
CAV_1	1
CAV_8	8
CAV_6	6
1139	Run/Crank Ignition 1 Voltage
1139_PK	1139 PK
CAV_32	32
CONN_X1	X1
CAV_29	29
1139_PK	1139 PK
CAV_17	17
CONN_X1	X1
CAV_46	46
CONN_X1	X1
1139_PK	1139 PK
CAV_4	4
CAV_8	8
CONN_X2	X2
1139_PK	1139 PK
CAV_3	3
CAV_16	16
1382	LED Dimming Signal
1382_PU/WH	1382 PU/WH
CAV_5	5
CONN_X4	X4

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CAV_18	18
CONN_X3	X3
1382_PU/WH	1382 PU/WH
7005	LED Dimming Signal
7005_PU/WH	7005 PU/WH
CAV_3	3
CONN_X1	X1
CAV_9	9
CONN_X4	X4
7005_PU/WH	7005 PU/WH
7005_PU/WH	7005 PU/WH
CAV_6	6
CAV_8	8
CONN_X2	X2
7005_PU/WH	7005 PU/WH
7005_PU/WH	7005 PU/WH
UK3	CONTROL-STEERING WHEEL, ACCESSORY
UK3	CONTROL-STEERING WHEEL, ACCESSORY
7005_PU/WH	7005 PU/WH
CAV_2	2
CAV_9	9
4_BN	4 BN
CAV_2	2
CAV_41	41
CONN_X2	X2
CAV_54	54
S_REF	S
J271	J271
PCM	PCM IGN 10A
TRANS	TRANS 10A
REAR	REAR CAMERA 10A
AIRBAG	AIRBAG 10A
X100	X100
X405	X405
X902	X902
X933	X933
J213	J213
STR/WHL/ILLUM	STR/WHL/ILLUM 2A
J295	J295
X201	X201
S39	S39 Ignition Switch

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X50A	X50A Fuse Block - Underhood
X51A	X51A Fuse Block - Instrument Panel
K9	K9 Body Control Module
S70L	S70L Steering Wheel Controls Switch - Left
S70R	S70R Steering Wheel Controls Switch - Right ((UK3))
X51A	X51A Fuse Block - Instrument Panel
B87	B87 Rearview Camera ((UVC))
K27	K27 Fuel Pump Control Module
KR73	Ignition Main Relay
Interior_Lights_Dimming_Schematics_REF	Interior Lights Dimming Schematics
K64	K64 Content Theft Deterrent Control Module
X85	X85 Steering Wheel Air Bag Coil
T12	T12 Automatic Transmission Assembly
K36	K36 Inflatable Restraint Sensing and Diagnostic Module
P16	P16 Instrument Cluster
Q8	Q8 Control Solenoid Valve Assembly
K20	K20 Engine Control Module
F101	F101 Passenger Instrument Panel Air Bag
Interior_Lights_Dimming_Schematics_REF	Interior Lights Dimming Schematics

ECM 1, EVEN COILS, MAF/TIAP and ODD COILS Fuses

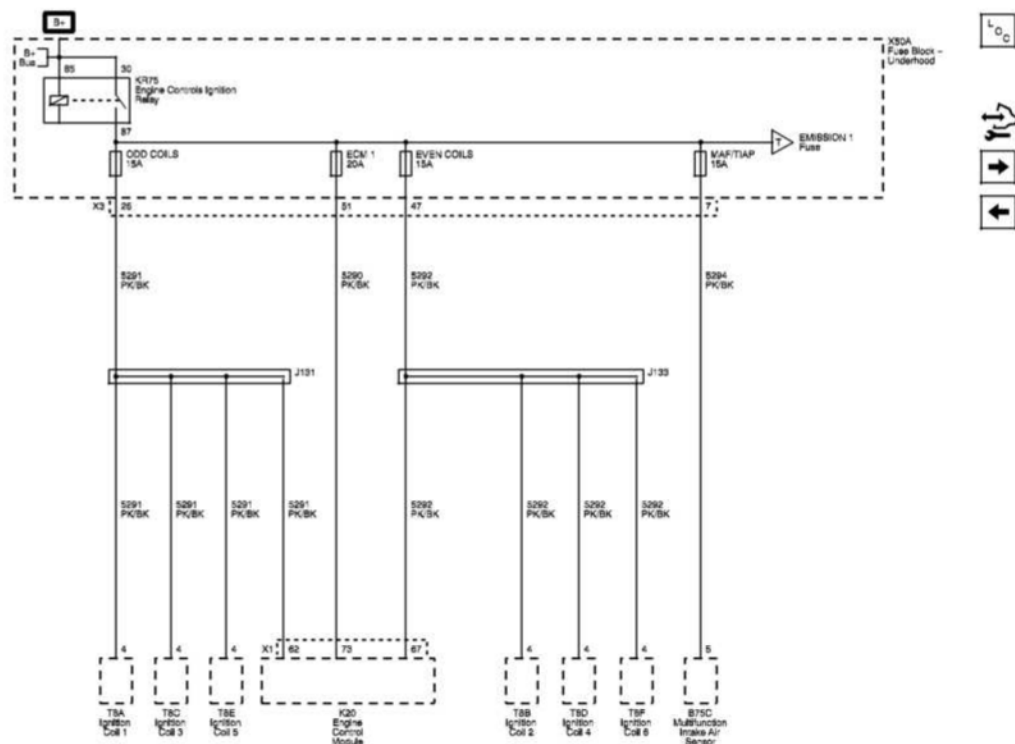


Fig. 40: ECM 1, EVEN COILS, MAF/TIAP And ODD COILS Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
CAV_85	85
CAV_30	30
CAV_87	87
5291	Powertrain Main Relay Fused Supply (2)
5291_PK/BK	5291 PK/BK
CAV_4	4
CAV_26	26
CONN_X3	X3
5291_PK/BK	5291 PK/BK
CAV_4	4
5291_PK/BK	5291 PK/BK
CAV_4	4
5291_PK/BK	5291 PK/BK
CAV_62	62
CONN_X1	X1
5291_PK/BK	5291 PK/BK

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5290	Powertrain Main Relay Fused Supply (1)
5290 PK/BK	5290 PK/BK
CAV_73	73
CONN_X1	X1
CAV_51	51
5292	Powertrain Main Relay Fused Supply (3)
5292 PK/BK	5292 PK/BK
CAV_67	67
CONN_X1	X1
CAV_47	47
5292 PK/BK	5292 PK/BK
5292 PK/BK	5292 PK/BK
CAV_4	4
5292 PK/BK	5292 PK/BK
CAV_4	4
5292 PK/BK	5292 PK/BK
CAV_4	4
ODD	ODD COILS 15A
ECM	ECM 1 20A
EVEN	EVEN COILS 15A
J133	J133
J131	J131
T_REF	T
T8B	T8B Ignition Coil 2
T8D	T8D Ignition Coil 4
T8F	T8F Ignition Coil 6
X50A	X50A Fuse Block - Underhood
T8A	T8A Ignition Coil 1
T8C	T8C Ignition Coil 3
T8E	T8E Ignition Coil 5
K20	K20 Engine Control Module
KR75	Engine Controls Ignition Relay

EMISSION 1 and EMISSION 2 Fuses

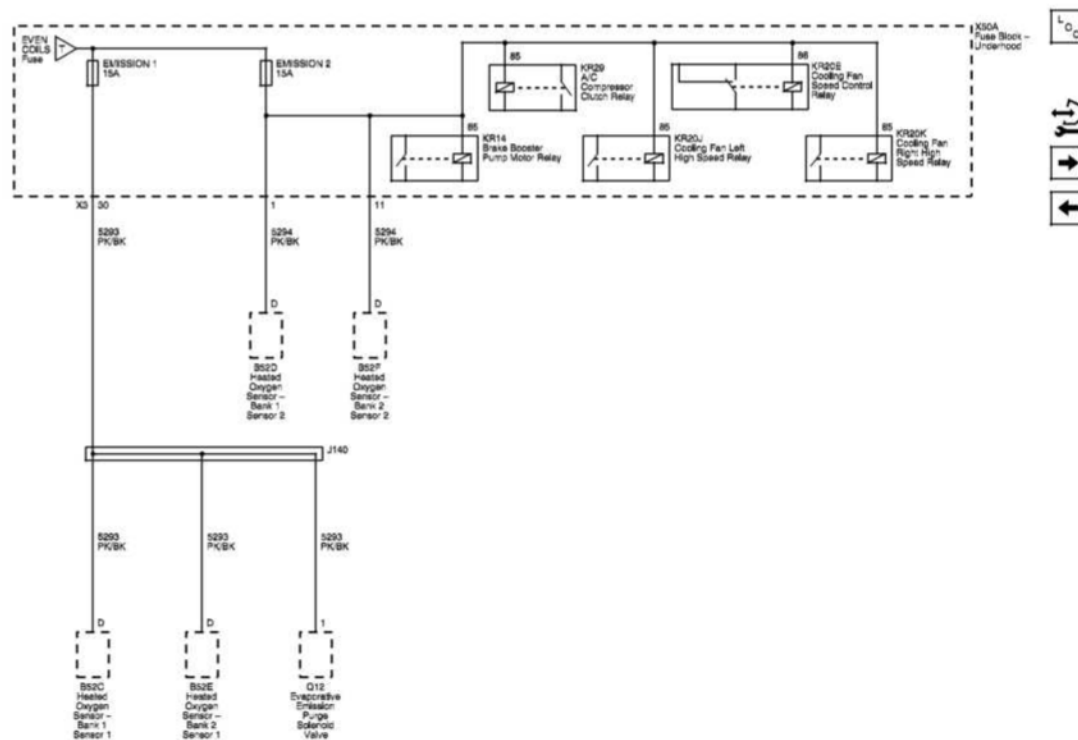


Fig. 41: EMISSION 1 And EMISSION 2 Wiring Schematics
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
CAV_85	85
CAV_86	86
CAV_85	85
CAV_85	85
CAV_85	85
5293	Powertrain Main Relay Fused Supply (4)
5293_PK/BK	5293 PK/BK
CAV_D	D
CAV_30	30
CONN_X3	X3
5294	Powertrain Main Relay Fused Supply (5)
5294_PK/BK	5294 PK/BK
CAV_D	D
CAV_1	1
5294_PK/BK	5294 PK/BK
CAV_D	D

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CAV_11	11
5293_PK/BK	5293 PK/BK
5293_PK/BK	5293 PK/BK
CAV_D	D
5293_PK/BK	5293 PK/BK
CAV_1	1
EMISSION	EMISSION 1 15A
EMISSION	EMISSION 2 15A
J140	J140
T_REF	T
X50A	X50A Fuse Block - Underhood
B52C	B52C Heated Oxygen Sensor - Bank 1 Sensor 1
B52E	B52E Heated Oxygen Sensor - Bank 2 Sensor 1
B52D	B52D Heated Oxygen Sensor - Bank 1 Sensor 2
B52F	B52F Heated Oxygen Sensor - Bank 2 Sensor 2
KR29	A/C Compressor Clutch Relay
KR20E	Cooling Fan Speed Control Relay
KR14	Brake Booster Pump Motor Relay
KR20J	Cooling Fan Left High Speed Relay
KR20K	Cooling Fan Right High Speed Relay
Q12	Q12 Evaporative Emission Purge Solenoid Valve

LT DRL, LT LO BEAM, LT HI BEAM, RT LO BEAM and RT HI BEAM Fuses

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CAV_A	A
TN	TN
CAV_7	7
L-BU/WH	L-BU/WH
CAV_1	1
5364	Left Front Turn/DRL Supply Voltage
5364_D-BU	5364 D-BU
CAV_5	5
5365	Right Front Turn/DRL Supply Voltage
5365_D-GN	5365 D-GN
CAV_20	20
CONN_X1	X1
L-BU/WH	L-BU/WH
359_PU	359 PU
CAV_69	69
CONN_X2	X2
CAV_65	65
CONN_X1	X1
CAV_69	69
CONN_X2	X2
5364_D-BU	5364 D-BU
CAV_66	66
CAV_48	48
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
359_PU	359 PU
5365_D-GN	5365 D-GN
5364_D-BU	5364 D-BU
CAV_21	21
CONN_X1	X1
712_YE	712 YE
712_YE	712 YE
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
CAV_B	B
CAV_2	2
W49	MARKET BRAND-BUICK
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

W49	MARKET BRAND-BUICK
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
CAV_B	B
CAV_2	2
W49	MARKET BRAND-BUICK
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
W49	MARKET BRAND-BUICK
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
W49	MARKET BRAND-BUICK
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
CAV_2	2
CAV_2	2
CAV_5	5
CAV_5	5
CAV_B	B
CAV_B	B
Z88	MARKET BRAND-GMC
X88	MARKET BRAND-CHEVROLET
X88	MARKET BRAND-CHEVROLET
Z88	MARKET BRAND-GMC
X88	MARKET BRAND-CHEVROLET
W49	MARKET BRAND-BUICK
Z88	MARKET BRAND-GMC
CAV_C	C
W49	MARKET BRAND-BUICK
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
X88	MARKET BRAND-CHEVROLET
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
X88	MARKET BRAND-CHEVROLET
CAV_C	C
Z88	MARKET BRAND-GMC

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W49	MARKET BRAND-BUICK
X88	MARKET BRAND-CHEVROLET
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
X88	MARKET BRAND-CHEVROLET
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
W49	MARKET BRAND-BUICK
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
RT	RT LO BEAM 10A (-W49/TVD) 20A (W49/TVD)
LT	LT LO BEAM 15A (-W49/TVD) 20A (W49/TVD)
DRL	DRL 15A (-W49/TVD) 10A (W49/TVD)
DRL2	DRL2 10A
J122_(W49/TVD)	J122_(W49/TVD)
J122_(-W49/TVD)	J122_(-W49/TVD)
X150	X150
X150	X150
X151	X151
X151	X151
X107	X107
X108	X108
X150	X150
X151	X151
X50A	X50A Fuse Block - Underhood
E4H	E4H Headlamp - Right Low Beam
E4G	E4G Headlamp - Left Low Beam
E4C	E4C Daytime Running Lamp - Left ((T61))
E4D	E4D Daytime Running Lamp - Right ((T61))
T7R	T7R Headlamp Ballast - Right ((Z88 with W49 or TVD))
T7L	T7L Headlamp Ballast - Left ((Z88 with W49 or TVD))
KR49	Headlamp Low Beam Relay

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X51A	X51A Fuse Block - Instrument Panel
KR42	Daytime Running Lamps Relay
X50A	X50A Fuse Block - Underhood
KR42L	Daytime Running Lamp Relay - Left

LT PRK Fuse (X88)

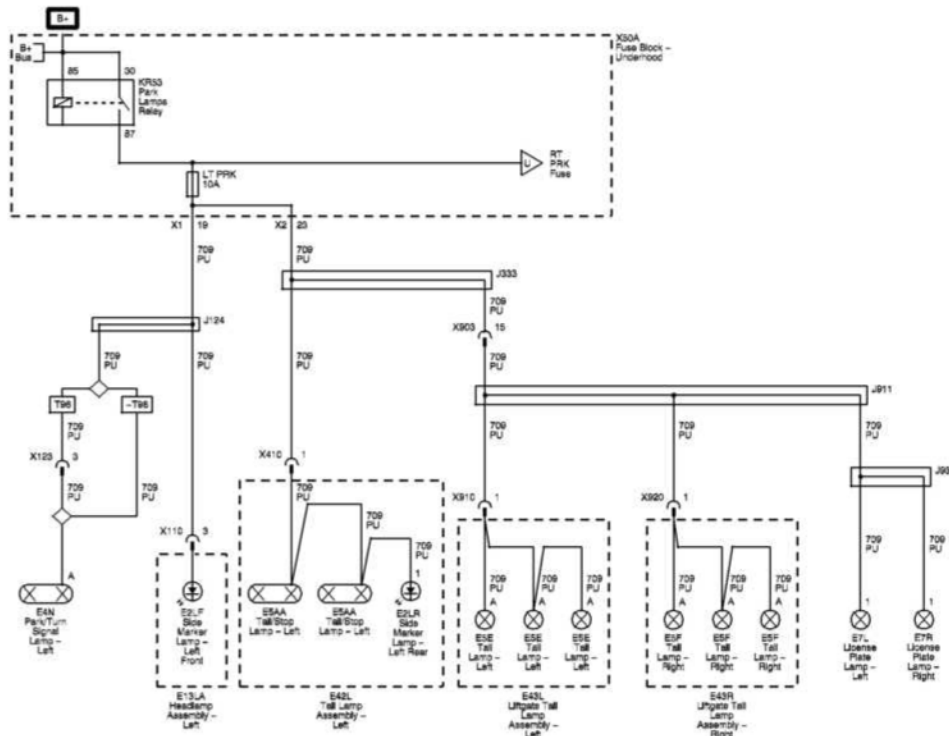


Fig. 43: LT PRK (X88) Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
CAV_85	85
CAV_30	30
CAV_87	87
711	Left Headlamp High Beam Supply Voltage
711_D-GN/WH	711 D-GN/WH
CAV_14	14
CONN_X1	X1
_L-GN	L-GN
CAV_1	1
BK	BK

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

CAV_II	II
CAV_B	B
Z88	MARKET BRAND-GMC
X88	MARKET BRAND-CHEVROLET
CAV_A	A
CAV_1	1
_GY	GY
CAV_5	5
CAV_E	E
CAV_H	H
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
W49	MARKET BRAND-BUICK
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
X88	MARKET BRAND-CHEVROLET
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
311	Right Headlamp High Beam Supply Voltage
311_L-GN/BK	311 L-GN/BK
CAV_23	23
GY	GY
CAV_5	5
L-GN	L-GN
BK	BK
Z88	MARKET BRAND-GMC
X88	MARKET BRAND-CHEVROLET
CAV_1	1
CAV_II	II
CAV_B	B
X88	MARKET BRAND-CHEVROLET
Z88	MARKET BRAND-GMC
Z88	MARKET BRAND-GMC

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
CAV_A	A
CAV_1	1
CAV_E	E
CAV_D	D
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
X88	MARKET BRAND-CHEVROLET
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
X88	MARKET BRAND-CHEVROLET
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
X88	MARKET BRAND-CHEVROLET
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
X88	MARKET BRAND-CHEVROLET
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)

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W49	MARKET BRAND-BUICK
LT	LT HI BEAM 10A
RT	RT HI BEAM 10A
X151	X151
X151	X151
X151	X151
X150	X150
X150	X150
X150	X150
E4E	E4E Headlamp - Left High Beam
E4F	E4F Headlamp - Right High Beam
E4E	E4E Headlamp - Left High Beam
K26A	K81L Headlamp High Beam Control Module - Left ((W49))
E4F	E4F Headlamp - Right High Beam
K26B	K81R Headlamp High Beam Control Module - Right ((W49))
KR48	Headlamp High Beam Relay
X50A	X50A Fuse Block - Underhood

RT PRK and TRLR LAMP Fuse (X88)

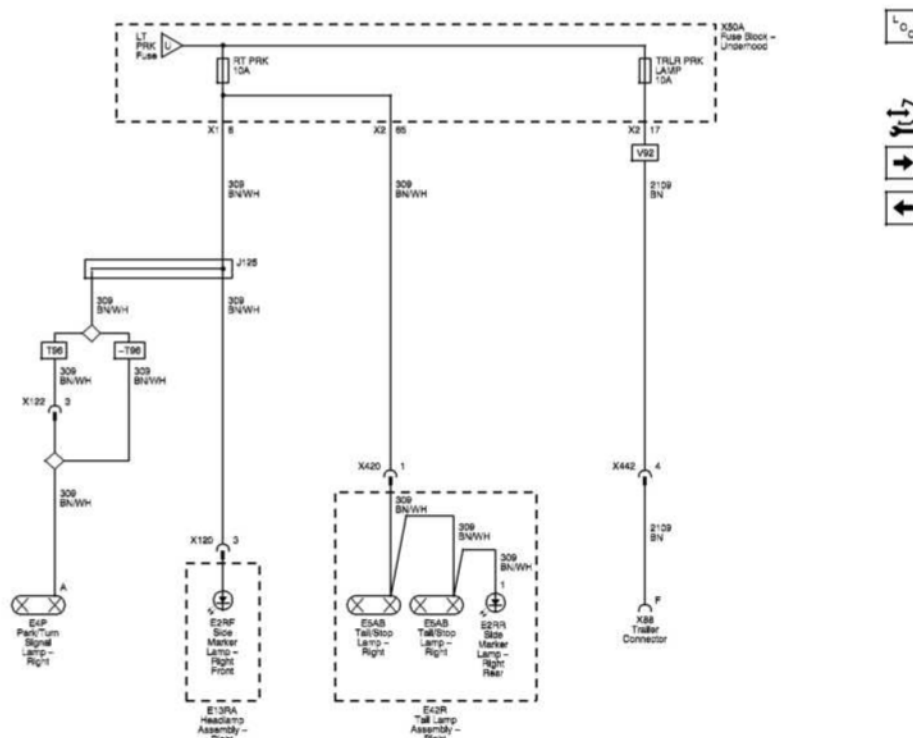


Fig. 44: RT PRK And TRLR LAMP (X88) Wiring Schematics

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
CAV_30	30
CAV_85	85
CAV_87	87
709	Left Park Lamp Supply Voltage
709_PU	709 PU
CAV_19	19
CONN_X1	X1
_L-BU	L-BU
CAV_A	A
W49	MARKET BRAND-BUICK
Z88	MARKET BRAND-GMC
_RD	RD
CAV_C	C
CAV_C	C
_RD	RD
CAV_A	A
X88	MARKET BRAND-CHEVROLET
W49	MARKET BRAND-BUICK
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
CAV_4	4
CAV_B	B
CAV_C	C
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
W49	MARKET BRAND-BUICK
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

CAV_A	A
W49	MARKET BRAND-BUICK
Z88	MARKET BRAND-GMC
_L-BU	L-BU
709_PU	709 PU
CAV_A	A
CAV_23	23
CONN_X2	X2
709_PU	709 PU
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
X88	MARKET BRAND-CHEVROLET
CAV_A	A
_L-BU	L-BU
W49	MARKET BRAND-BUICK
X88	MARKET BRAND-CHEVROLET
_D-BU	D-BU
_L-BU	L-BU
W49	MARKET BRAND-BUICK
X88	MARKET BRAND-CHEVROLET
_D-BU	D-BU
CAV_B	B
_D-BU	D-BU
CAV_C	C
_D-BU	D-BU
_L-BU	L-BU
W49	MARKET BRAND-BUICK
X88	MARKET BRAND-CHEVROLET
CAV_A	A
T89	LAMP-TAIL and STOP, EXPORT
T89	LAMP-TAIL and STOP, EXPORT
709_PU	709 PU
CAV_A	A
709_PU	709 PU
X88	MARKET BRAND-CHEVROLET
WH	WH
BK	BK
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
X88	MARKET BRAND-CHEVROLET
X88	MARKET BRAND-CHEVROLET

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

_WH	WH
_WH	WH
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
709_PU	709 PU
709_PU	709 PU
709_PU	709 PU
CAV_4	4
X88	MARKET BRAND-CHEVROLET
X88	MARKET BRAND-CHEVROLET
CAV_15	15
_BK	BK
CAV_1	1
CAV_B	B
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
709_PU	709 PU
CAV_B	B
_BK	BK
CAV_1	1
CAV_B	B
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
709_PU	709 PU
CAV_B	B
709_PU	709 PU
CAV_A	A
X88	MARKET BRAND-CHEVROLET
_WH	WH
_WH	WH
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
U_REF	U
LT	LT PRK 10A
X123	X123
X151	X151
X151	X151
X451	X451
X933	X933
X903	X903
J333	J333

2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

J495	J495
X931	X931
X920	X920
J911	J911
X50A	X50A Fuse Block - Underhood
E5S	E5S Tail/Stop and Turn Signal Lamp - Left ((W49 or X88))
E4N	E4N Park/Turn Signal Lamp - Left ((X88))
E5G	E5G Tail Lamp - Left Inner ((Z88))
E5E	E5E Tail Lamp - Left
E5H	E5H Tail Lamp - Right Inner ((Z88))
E5F	E5F Tail Lamp - Right
E4J	E4J Park Lamp - Left Front ((W49))
E4J	E4J Park Lamp - Left Front ((W49))
KR53	Park Lamps Relay
E2LF	E2LF Side Marker Lamp - Left Front ((X88 or Z88))
E2LF	E2LF Side Marker Lamp - Left Front ((X88 or Z88))
E2LR	E2LR Side Marker Lamp - Left Rear
E7L	E7L License Plate Lamp - Left
E7R	E7R License Plate Lamp - Right
E5E	E5E Tail Lamp - Left

LT PRK, RT PRK and TRLR PRK LAMP Fuses (Z88)

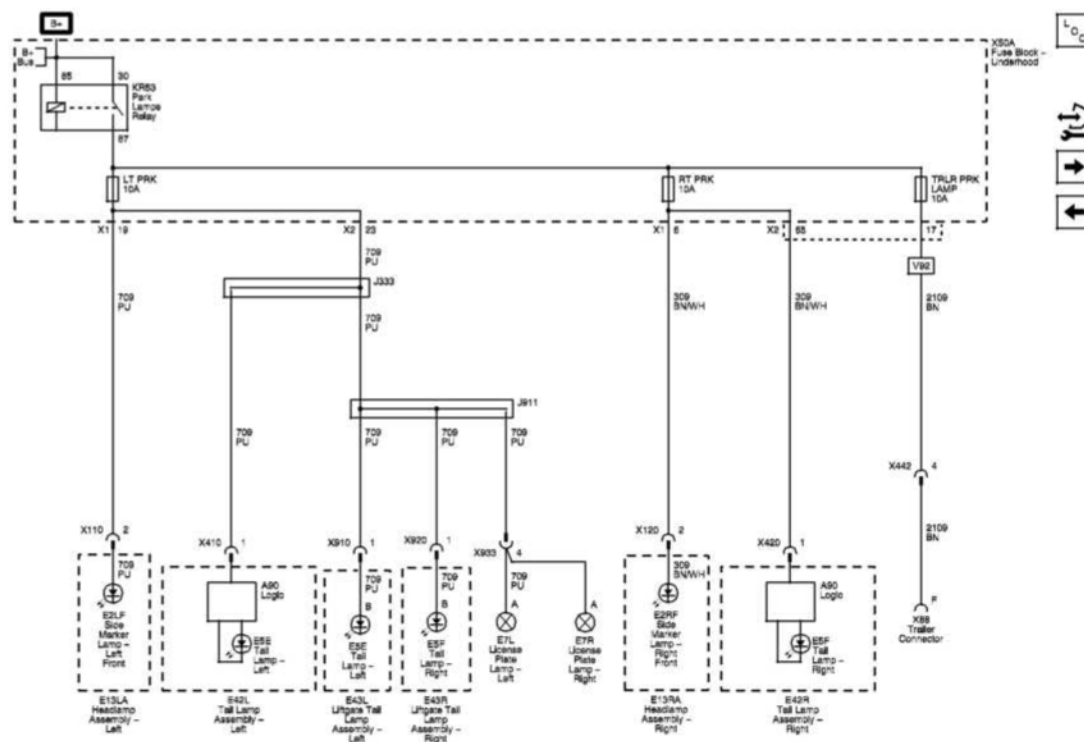


Fig. 45: LT PRK, RT PRK And TRLR PRK LAMP (Z88) Wiring Schematics
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
309	Right Park Lamp Supply Voltage
309_BN/WH	309 BN/WH
CAV_6	6
CONN_X1	X1
PU	PU
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
RD	RD
CAV_A	A
D-BU	D-BU
L-BU	L-BU
RD	RD
CAV_A	A

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CAV_C	C
CAV_B	B
CAV_J	J
CAV_C	C
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
W49	MARKET BRAND-BUICK
Z88	MARKET BRAND-GMC
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
X88	MARKET BRAND-CHEVROLET
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
Z88	MARKET BRAND-GMC
CAV_4	4
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
L-BU	L-BU
CAV_A	A
CAV_C	C
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
309_BN/WH	309 BN/WH
CAV_A	A
CAV_65	65
CONN_X2	X2
309_BN/WH	309 BN/WH
D-BU	D-BU
CAV_A	A
L-BU	L-BU
D-BU	D-BU
L-BU	L-BU
W49	MARKET BRAND-BUICK

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X88	MARKET BRAND-CHEVROLET
W49	MARKET BRAND-BUICK
X88	MARKET BRAND-CHEVROLET
CAV_B	B
W49	MARKET BRAND-BUICK
X88	MARKET BRAND-CHEVROLET
Z88	MARKET BRAND-GMC
D-BU	D-BU
CAV_C	C
L-BU	L-BU
W49	MARKET BRAND-BUICK
X88	MARKET BRAND-CHEVROLET
2109	Trailer Park Lamp Supply Voltage
2109_BN	2109 BN
CAV_17	17
CAV_4	4
2109_BN	2109 BN
V92	TRAILER PROVISIONS-
CAV_A	A
T89	LAMP-TAIL and STOP, EXPORT
T89	LAMP-TAIL and STOP, EXPORT
CAV_F	F
U_REF	U
RT	RT PRK 10A
X122	X122
X150	X150
TRLR	TRLR PRK LAMP 10A
X150	X150
X450	X450
J490	J490
X442	X442
X50A	X50A Fuse Block - Underhood
E5T	E5T Tail/Stop and Turn Signal Lamp - Right ((W49 or X88))
X88	X88 Trailer Connector
E4P	E4P Park/Turn Signal Lamp - Right ((X88))
E2RR	E2RR Side Marker Lamp - Right Rear
E4K	E4K Park Lamp - Right Front ((W49))
E2RF	E2RF Side Marker Lamp - Right Front ((X88 or Z88))
E4K	E4K Park Lamp - Right Front ((W49))
E5F	E5F Tail Lamp - Right
E2RF	E2RF Side Marker Lamp - Right Front ((X88 or Z88))

LT PRK, RT PRK and TRLR PRK LAMP Fuses (W49)

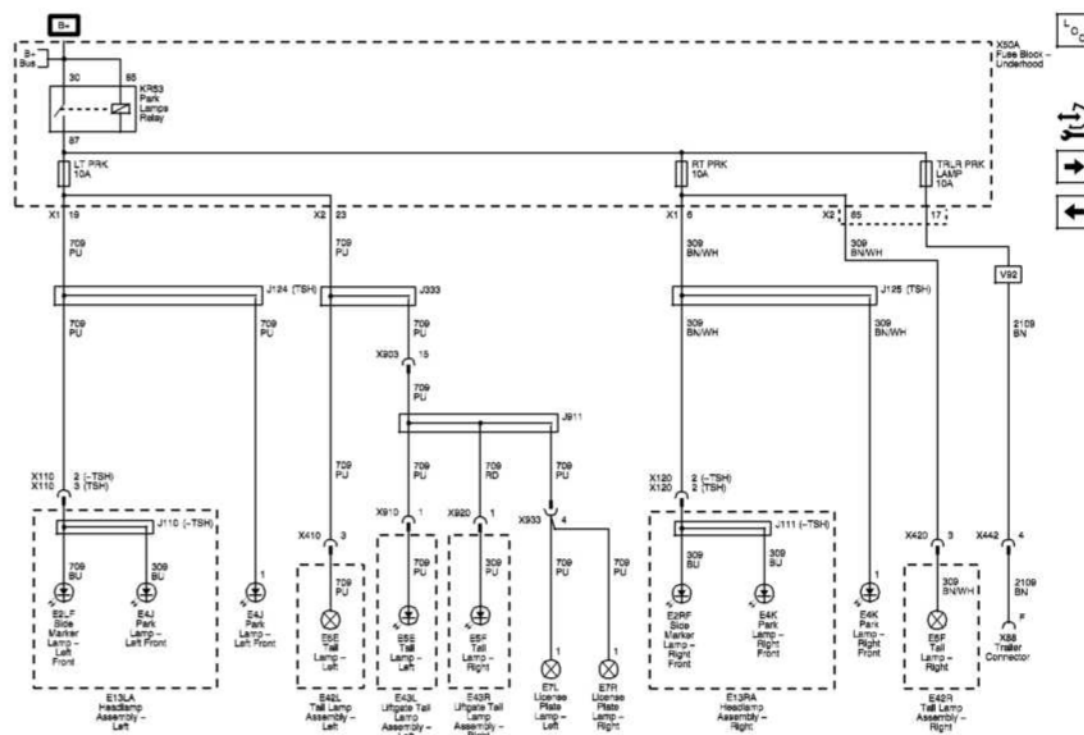


Fig. 46: LT PRK, RT PRK And TRLR PRK LAMP (W49) Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

LT TRLR STOP/TRN, TRLR BCK/UP and RT TRLR STOP/TRN Fuses

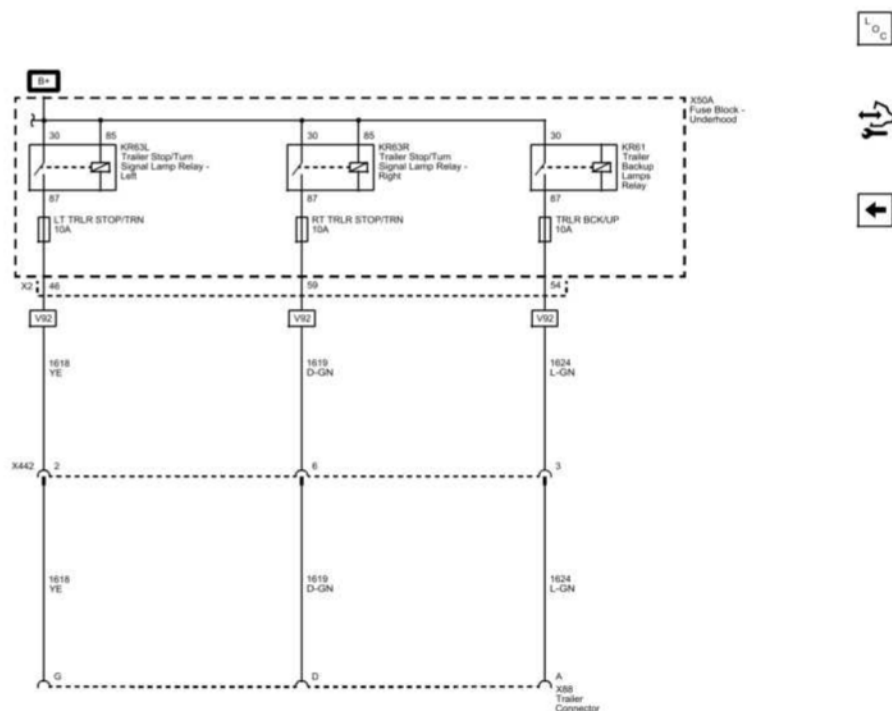


Fig. 47: LT TRLR STOP/TRN, TRLR BCK/UP And RT TRLR STOP/TRN Wiring Schematics
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1618	Left Rear Trailer Stop/Turn Lamp Supply Voltage
1618_YE	1618 YE
CAV_46	46
CONN_X2	X2
1619	Right Rear Trailer Stop/Turn Lamp Supply Voltage
1619_D-GN	1619 D-GN
CAV_59	59
1624	Trailer Backup Lamp Supply Voltage
1624_L-GN	1624 L-GN
CAV_54	54
1618_YE	1618 YE
1619_D-GN	1619 D-GN
1624_L-GN	1624 L-GN
V92	TRAILER PROVISIONS-
V92	TRAILER PROVISIONS-
V92	TRAILER PROVISIONS-

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CAV_3	3
CAV_G	G
CAV_D	D
CAV_A	A
X442	X442
CAV_2	2
CAV_6	6
LT	LT TRLR STOP/TRN 10A
RT	RT TRLR STOP/TRN 10A
TRLR	TRLR BCK/UP 10A
X442	X442
X50A	X50A Fuse Block - Underhood
KR61	Trailer Backup Lamps Relay
KR63L	Trailer Stop/Turn Signal Lamp Relay - Left
KR63R	Trailer Stop/Turn Signal Lamp Relay - Right
X88	X88 Trailer Connector

POWER MODING SCHEMATICS

IGN I/II

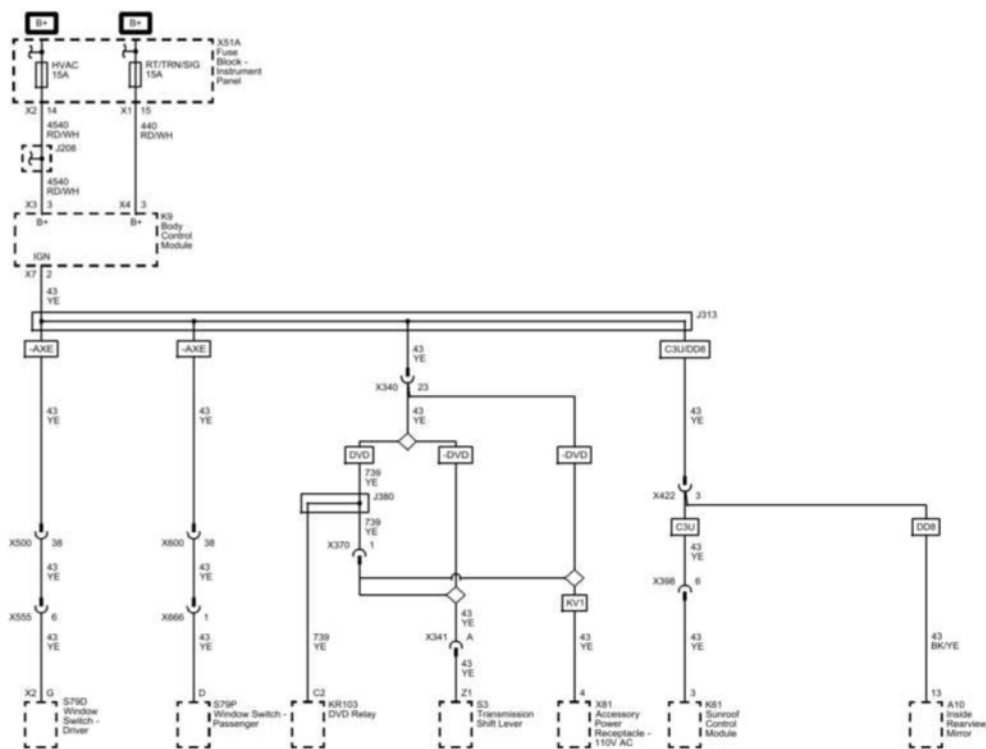


Fig. 48: IGN I/II Wiring Schematics

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
4540	Battery Positive Voltage
4540_RD/WH	4540 RD/WH
CAV_3	3
CONN_X3	X3
CAV_14	14
CONN_X2	X2
4540_RD/WH	4540 RD/WH
440	Battery Positive Voltage
440_RD/WH	440 RD/WH
CAV_3	3
CONN_X4	X4
CAV_15	15
CONN_X1	X1
43	Accessory Voltage
43_YE	43 YE
CAV_G	G
CONN_X2	X2
CAV_2	2
CONN_X7	X7
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
CAV_38	38
43_YE	43 YE
43_YE	43 YE
CAV_6	6
43_YE	43 YE
43_YE	43 YE
CAV_D	D
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
CAV_38	38
CAV_1	1
43_YE	43 YE
43_YE	43 YE
43_YE	43 YE
CAV_Z1	Z1
43_YE	43 YE

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43_YE	43 YE
43_YE	43 YE
739	Run/Crank Ignition 1 Voltage
739_YE	739 YE
739_YE	739 YE
739_YE	739 YE
CAV_C2	C2
CAV_1	1
43_YE	43 YE
CAV_4	4
CAV_23	23
CAV_A	A
KV1	INVERTER-POWER PORT, 110 VOLT
43_YE	43 YE
CAV_3	3
C3U	ROOF-SUN, GLASS, SLIDING, ELEC, TRANSPARENT GLASS FIXED
DD8	MIRROR I/S R/V-LT SENSITIVE
C3U	ROOF-SUN, GLASS, SLIDING, ELEC, TRANSPARENT GLASS FIXED
CAV_13	13
CAV_3	3
43_BK/YE	43 BK/YE
DD8	MIRROR I/S R/V-LT SENSITIVE
43_YE	43 YE
43_YE	43 YE
CAV_6	6
DVD	DVD PLAYER
DVD	DVD PLAYER
DVD	DVD PLAYER
HVAC	HVAC 15A
RT/TRN/SIG	RT/TRN/SIG 15A
X500	X500
X555	X555
X600	X600
X666	X666
J380	J380
X370	X370
X340	X340
X341	X341
X422	X422
X398	X398
J313	J313

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X51A	X51A Fuse Block - Instrument Panel
K9	K9 Body Control Module
S79D	S79D Window Switch - Driver ((without AXE))
KR103	KR103 DVD Relay ((SPO Accessory))
K61	K61 Sunroof Control Module ((C3U))
A10	A10 Inside Rearview Mirror
S79P	S79P Window Switch - Passenger ((without AXE))
X81	X81 Accessory Power Receptacle - 110V AC ((KV1))
S3	S3 Transmission Shift Lever

IGN II/III

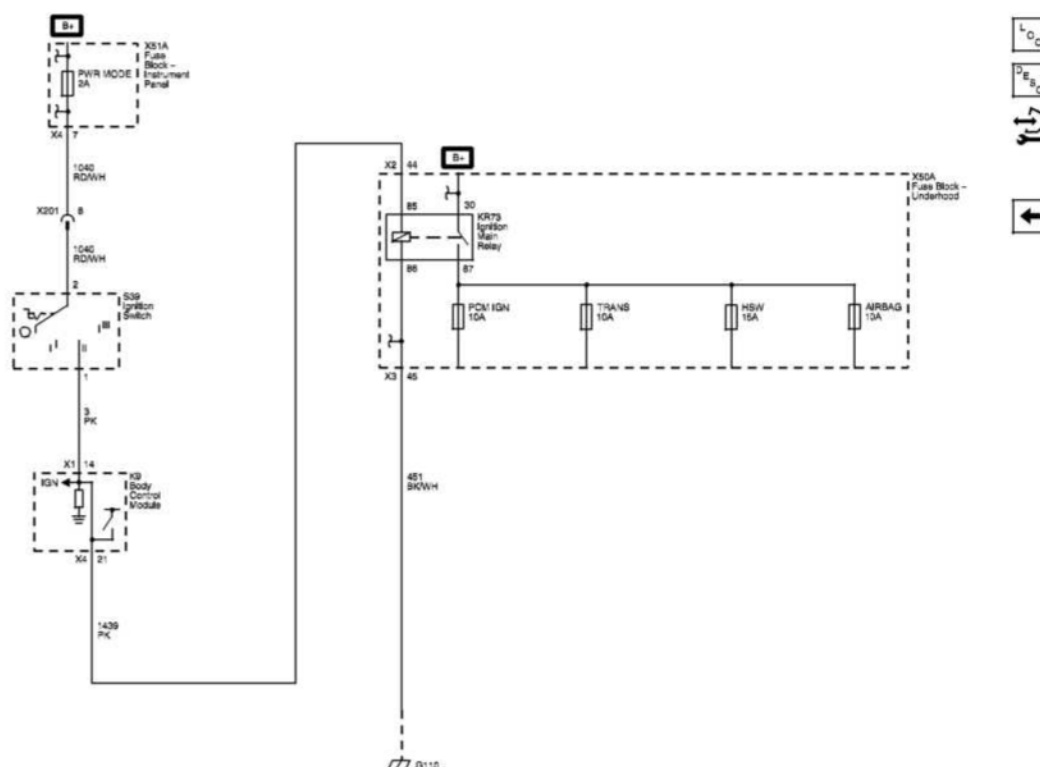


Fig. 49: IGN II/III Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1040	Battery Positive Voltage
1040_RD/WH	1040 RD/WH
CAV_2	2
CAV_7	7
CONN_X4	X4

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3	Run/Crank Ignition 1 Voltage
3 PK	3 PK
CAV_14	14
CONN_X1	X1
CAV_1	1
1439	Run/Crank Ignition 1 Voltage
1439 PK	1439 PK
CAV_44	44
CONN_X2	X2
CAV_21	21
CONN_X4	X4
451	Signal Ground
451_BK/WH	451 BK/WH
CAV_45	45
CONN_X3	X3
CAV_85	85
CAV_86	86
CAV_30	30
CAV_87	87
CAV_8	8
1040_RD/WH	1040 RD/WH
G110	G110
PWR	PWR MODE 2A
PCM	PCM IGN 10A
TRANS	TRANS 10A
REAR	REAR CAMERA 10A
AIRBAG	AIRBAG 10A
X201	X201
S39	S39 Ignition Switch
K9	K9 Body Control Module
X50A	X50A Fuse Block - Underhood
KR73	Ignition Main Relay
X51A	X51A Fuse Block - Instrument Panel

IGNITION LOCK SCHEMATICS**Ignition Lock**

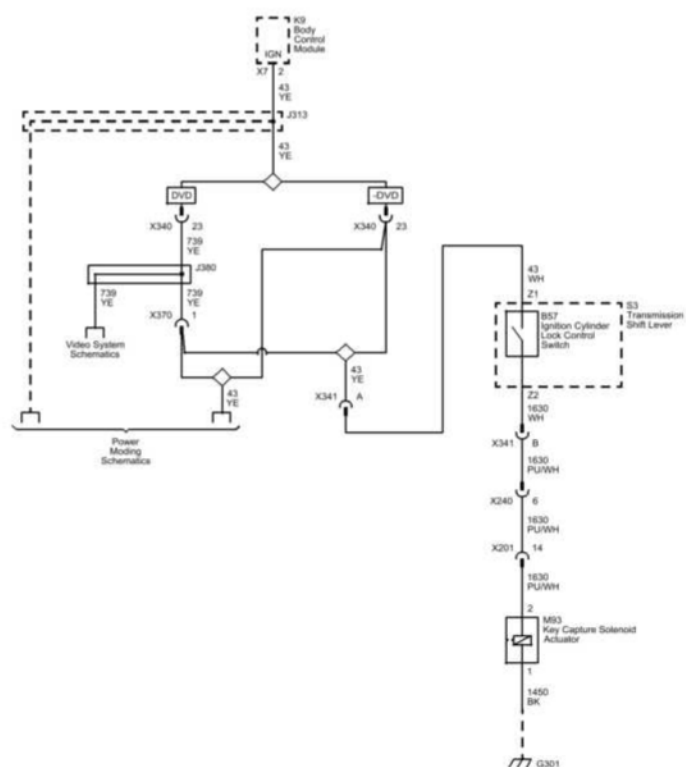


Fig. 50: Ignition Lock Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
43	Accessory Voltage
43_YE	43 YE
CAV_2	2
CONN_X7	X7
739	Run/Crank Ignition 1 Voltage
739_YE	739 YE
43_YE	43 YE
43_YE	43 YE
739_YE	739 YE
43_WH	43 WH
CAV_Z1	Z1
1630	Steering Column Key Cylinder Lock Solenoid Control
1630_WH	1630 WH
CAV_Z2	Z2
1630_PU/WH	1630 PU/WH
CAV_2	2

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1450	Ground
1450_BK	1450 BK
CAV_1	1
1630_PU/WH	1630 PU/WH
1630_PU/WH	1630 PU/WH
CAV_B	B
CAV_6	6
CAV_14	14
CAV_A	A
CAV_1	1
739_YE	739 YE
43_YE	43 YE
CAV_23	23
CAV_23	23
DVD	DVD PLAYER
DVD	DVD PLAYER
G301	G301
X341	X341
X240	X240
X201	X201
X341	X341
X370	X370
J380	J380
J313	J313
X340	X340
X340	X340
K9	K9 Body Control Module
Video_System_Schematics_REF	Video System Schematics
Power_Moding_Schematics_REF	Power Moding Schematics
S3	S3 Transmission Shift Lever
B57	B57 Ignition Cylinder Lock Control Switch
M93	M93 Key Capture Solenoid Actuator

GROUND DISTRIBUTION SCHEMATICS

G101, G103 and G113 (W49)

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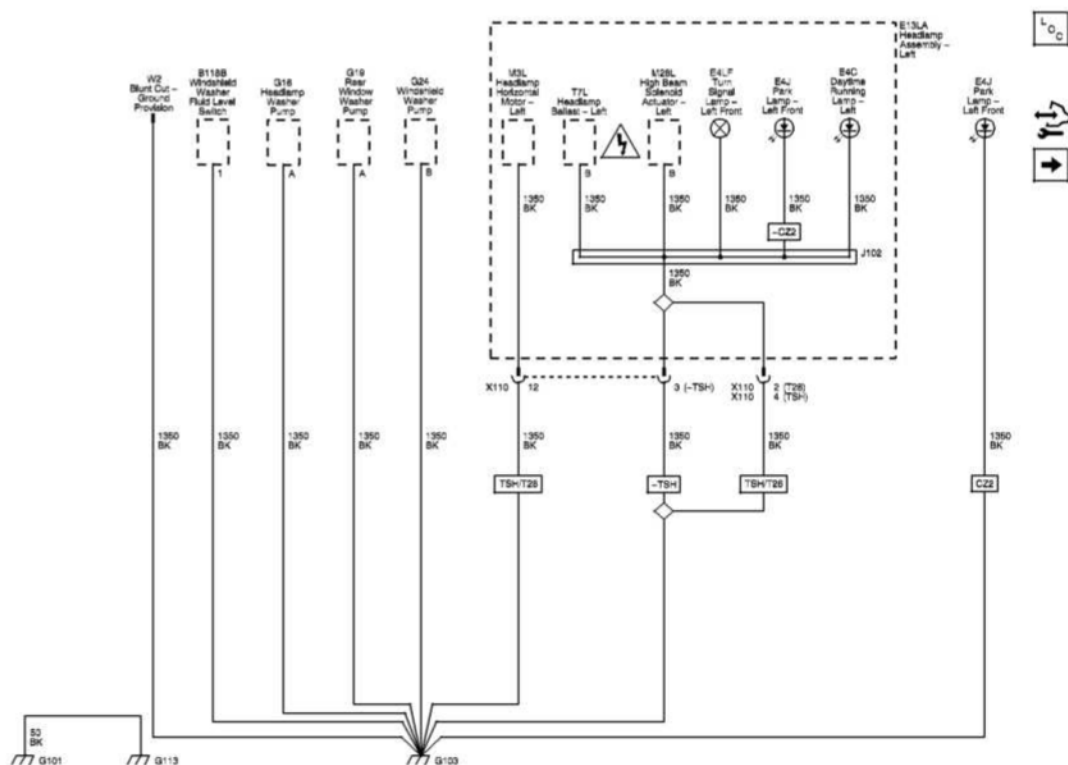


Fig. 51: G101, G103 And G113 (W49) Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1350	Ground
1350_BK	1350 BK
1350_BK	1350 BK
CAV_1	1
1350_BK	1350 BK
CAV_A	A
1350_BK	1350 BK
CAV_B	B
_BK	BK
CAV_4	4
1350_BK	1350 BK
_BK	BK
CAV_6	6
_BK	BK
CAV_4	4
_BK	BK

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CAV_1	1
BK	BK
CAV_B	B
1350_BK	1350 BK
CAV_3	3
1350_BK	1350 BK
CAV_B	B
1350_BK	1350 BK
50	Ground
50_BK	50 BK
_BK	BK
1350_BK	1350 BK
1350_BK	1350 BK
CAV_1	1
CAV_D	D
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
X151	X151
CAV_E	E
CAV_D	D
G103	G103
G101	G101
G113	G113
J113	J113
J115	J115
X107	X107
X151	X151
G19	G19 Rear Window Washer Pump

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G24	G24 Windshield Washer Pump
E4LF	E4LF Turn Signal Lamp - Left Front
E4C	E4C Daytime Running Lamp - Left ((T61))
E29LF	E29LF Fog Lamp - Left Front ((T96))
K26A	K81L Headlamp High Beam Control Module - Left ((W49))
B118B	B118B Windshield Washer Fluid Level Switch
W2	W2 Blunt Cut - Ground Provision
E4J	E4J Park Lamp - Left Front ((W49))
T7L	T7L Headlamp Ballast - Left ((Z88 with W49 or TVD))
M3L	M3L Headlamp Horizontal Motor - Left ((TSH or T26))

G101, G103 and G113 (X88)

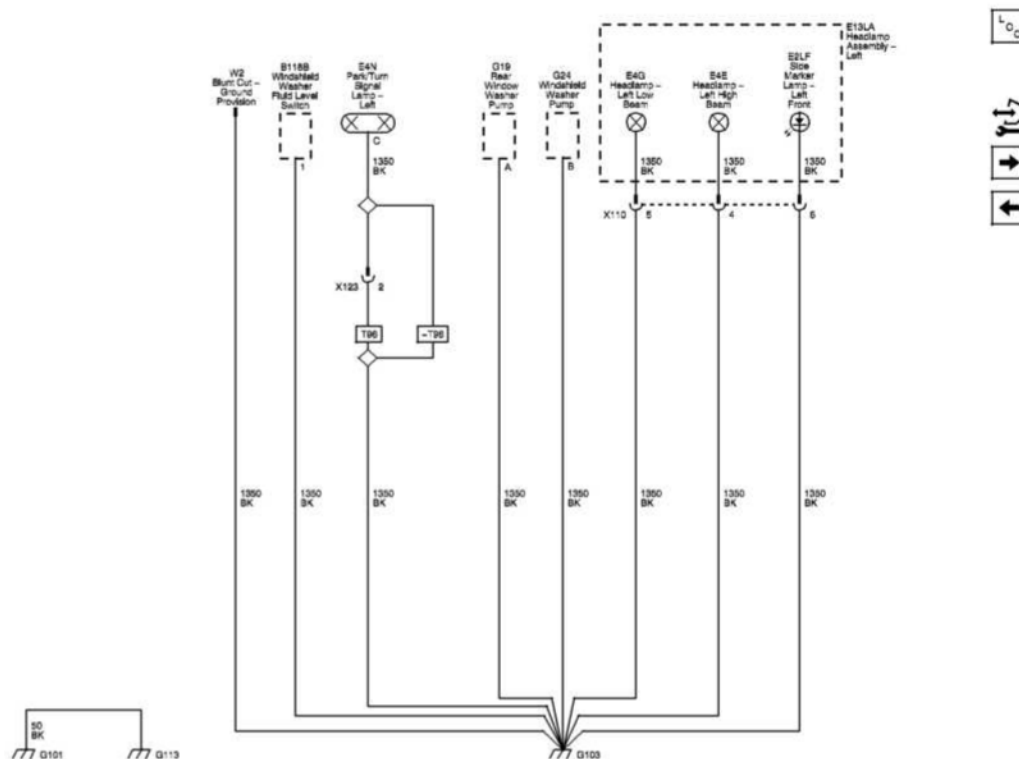


Fig. 52: G101, G103 And G113 (X88) Wiring Schematics
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
50	Ground
50_BK	50 BK
1350	Ground
1350_BK	1350 BK

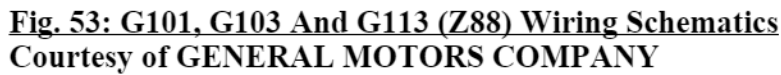
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1350_BK	1350 BK
CAV_1	1
1350_BK	1350 BK
CAV_A	A
1350_BK	1350 BK
CAV_B	B
_RD	RD
CAV_A	A
_BK	BK
CAV_B	B
1350_BK	1350 BK
1350_BK	1350 BK
_BK	BK
CAV_B	B
1350_BK	1350 BK
_BK	BK
CAV_B	B
CAV_B	B
X151	X151
CAV_D	D
CAV_B	B
G103	G103
G101	G101
G113	G113
X123	X123
X151	X151
G19	G19 Rear Window Washer Pump
G24	G24 Windshield Washer Pump
B118B	B118B Windshield Washer Fluid Level Switch
E4G	E4G Headlamp - Left Low Beam
E4E	E4E Headlamp - Left High Beam
E4N	E4N Park/Turn Signal Lamp - Left ((X88))
E2LF	E2LF Side Marker Lamp - Left Front ((X88 or Z88))
W2	W2 Blunt Cut - Ground Provision

G101, G103 and G113 (Z88)

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_BK	BK
CAV_1	1
_BK	BK
CAV_3	3
_BK	BK
CAV_B	B
_BK	BK
_BK	BK
CAV_1	1
1350_BK	1350 BK
CAV_B	B
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
T96	LAMP-FRT FOG, FMVSS (DO NOT USE AFTER 09 MAJOR GLOBAL PRGRAMS, USE T3U and VCS FAMILY)
X151	X151
CAV_E	E
CAV_6	6
G101	G101
G113	G113
G103	G103
J113	J113
X151	X151
G19	G19 Rear Window Washer Pump
G24	G24 Windshield Washer Pump
E4E	E4E Headlamp - Left High Beam
E4G	E4G Headlamp - Left Low Beam
E4C	E4C Daytime Running Lamp - Left ((T61))
E4LF	E4LF Turn Signal Lamp - Left Front
E29RF	E29RF Fog Lamp - Right Front ((T96))
E2LF	E2LF Side Marker Lamp - Left Front ((X88 or Z88))
B118B	B118B Windshield Washer Fluid Level Switch

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T7L	T7L Headlamp Ballast - Left ((Z88 with W49 or TVD))
E4E	E4E Headlamp - Left High Beam
E4J	E4J Park Lamp - Left Front ((W49))
W2	W2 Blunt Cut - Ground Provision

G102 (W49)

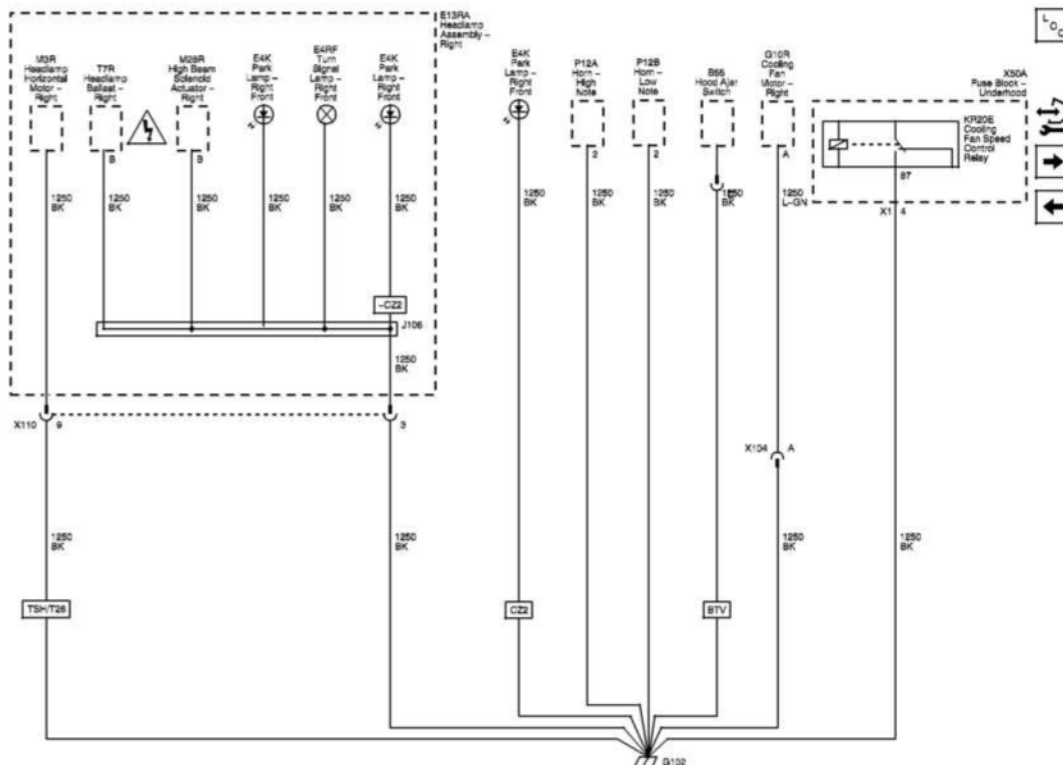


Fig. 54: G102 (W49) Wiring Schematics
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
_BK	BK
_BK	BK
_BK	BK
CAV_1	1
CAV_B	B
1250	Ground
1250_BK	1250 BK
1250_BK	1250 BK
CAV_3	3
1250_BK	1250 BK

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CAV_B	B
1250_BK	1250 BK
CAV_2	2
1250_BK	1250 BK
CAV_2	2
1250_BK	1250 BK
1250_L-GN	1250 L-GN
CAV_A	A
1250_BK	1250 BK
1250_BK	1250 BK
CAV_4	4
CONN_X1	X1
_BK	BK
1250_BK	1250 BK
1250_BK	1250 BK
_BK	BK
_BK	BK
1250_BK	1250 BK
CAV_87	87
CAV_10	10
CAV_6	6
CAV_4	4
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
BTB	REMOTE START-ENGINE
CAV_1	1
CAV_A	A
CAV_D	D
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
TSH	HEADLAMPS-STEERABLE HEADLIGHTS (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS, USE T95)
T26	HEADLAMPS-HEADLAMPS STEERABLE HEADLIGHTS, CHINA VERSION - USE T95 AFTER 2009
CAV_C	C
X120	X120
CAV_G	G

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CAV_P	P
G102	G102
J106	J106
X108	X108
X104	X104
X120	X120
E4RF	E4RF Turn Signal Lamp - Right Front
E4D	E4D Daytime Running Lamp - Right ((T61))
P12A	P12A Horn - High Note
P12B	P12B Horn - Low Note
B55	B55 Hood Ajar Switch ((BTV))
G10R	G10R Cooling Fan Motor - Right
E29RF	E29RF Fog Lamp - Right Front ((T96))
E4K	E4K Park Lamp - Right Front ((W49))
KR20E	Cooling Fan Speed Control Relay
X50A	X50A Fuse Block - Underhood
K26	K26 Headlamp Control Module ((TSH or T26))
T7R	T7R Headlamp Ballast - Right ((Z88 with W49 or TVD))
K26B	K81R Headlamp High Beam Control Module - Right ((W49))
E13RA	E13RA Headlamp Assembly - Right

G102 (X88)

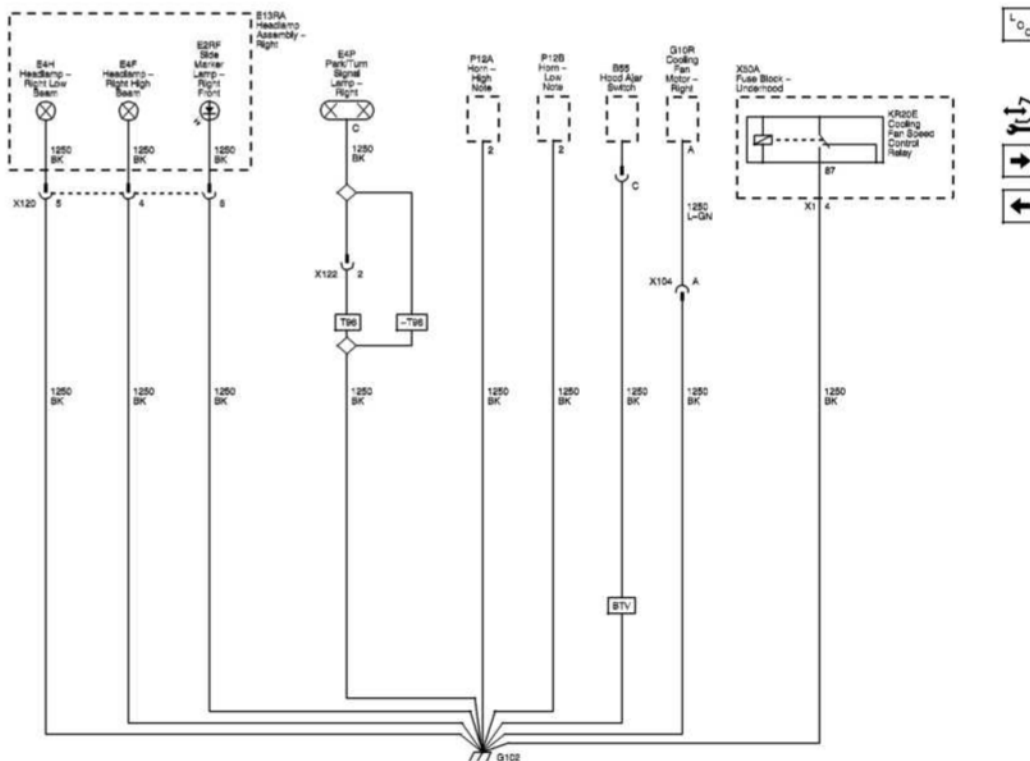


Fig. 55: G102 (X88) Wiring Schematics
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
_RD	RD
_BK	BK
_BK	BK
1250	Ground
1250_BK	1250 BK
1250_BK	1250 BK
1250_BK	1250 BK
CAV_2	2
_BK	BK
CAV_B	B
CAV_B	B
1250_BK	1250 BK
1250_BK	1250 BK
CAV_2	2
1250_BK	1250 BK
1250_L-GN	1250 L-GN

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CAV_A	A
1250_BK	1250 BK
1250_BK	1250 BK
CAV_4	4
CONN_X1	X1
CAV_87	87
CAV_A	A
CAV_B	B
CAV_C	C
CAV_A	A
BTV	REMOTE START-ENGINE
CAV_B	B
X120	X120
CAV_D	D
CAV_B	B
G102	G102
X104	X104
X122	X122
X120	X120
P12A	P12A Horn - High Note
P12B	P12B Horn - Low Note
B55	B55 Hood Ajar Switch ((BTV))
G10R	G10R Cooling Fan Motor - Right
E4P	E4P Park/Turn Signal Lamp - Right ((X88))
E2RF	E2RF Side Marker Lamp - Right Front ((X88 or Z88))
KR20E	Cooling Fan Speed Control Relay
E4H	E4H Headlamp - Right Low Beam
E4F	E4F Headlamp - Right High Beam
X50A	X50A Fuse Block - Underhood
E13RA	E13RA Headlamp Assembly - Right

G102 (Z88)

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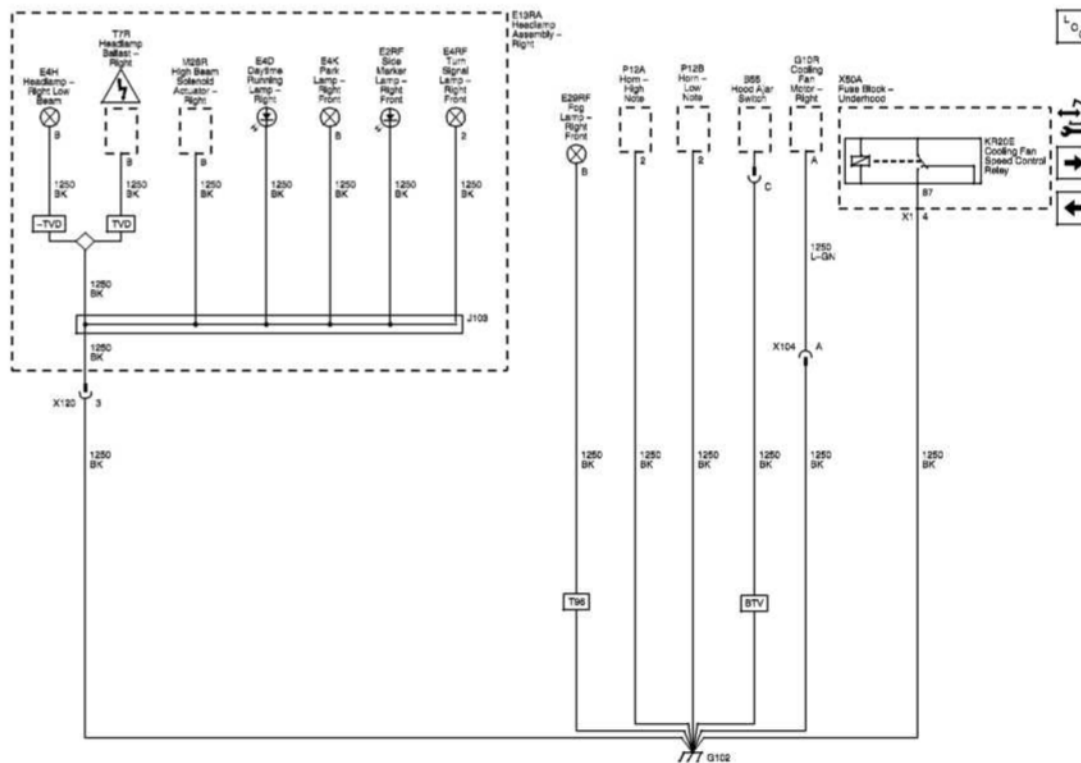


Fig. 56: G102 (Z88) Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
CAV_B	B
_BK	BK
_BK	BK
_BK	BK
CAV_3	3
_BK	BK
CAV_B	B
_BK	BK
CAV_1	1
CAV_BK	BK
CAV_BK	BK
CAV_1	1
1250	Ground
1250_BK	1250 BK
CAV_6	6
CAV_A	A

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CAV_I	I
1250_BK	1250 BK
CAV_B	B
1250_BK1250	1250 BK1250
CAV_2	2
1250_BK	1250 BK
CAV_2	2
1250_BK	1250 BK
1250_L-GN	1250 L-GN
CAV_A	A
1250_BK	1250 BK
CAV_87	87
1250_BK	1250 BK
CAV_4	4
CONN_X1	X1
CAV_C	C
CAV_A	A
CAV_E	E
CAV_6	6
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
TVD	HEADLAMPS-HID PROJECTOR LOW BEAM, HALOGEN PROJECTOR HI BEAM (DO NOT USE AFTER 2009 GLOBAL/NEW MAJOR PROGRAMS)
T96	LAMP-FRT FOG, FMVSS (DO NOT USE AFTER 09 MAJOR GLOBAL PRGRAMS, USE T3U and VCS FAMILY)
BTB	REMOTE START-ENGINE
G102	G102
X104	X104
X120	X120
X120	X120
X50A	X50A Fuse Block - Underhood
E4D	E4D Daytime Running Lamp - Right ((T61))
P12A	P12A Horn - High Note
P12B	P12B Horn - Low Note
B55	B55 Hood Ajar Switch ((BTB))

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E4G	E4G Headlamp - Left Low Beam
E2RF	E2RF Side Marker Lamp - Right Front ((X88 or Z88))
E4RF	E4RF Turn Signal Lamp - Right Front
G10R	G10R Cooling Fan Motor - Right
E29LF	E29LF Fog Lamp - Left Front ((T96))
E4F	E4F Headlamp - Right High Beam
E4K	E4K Park Lamp - Right Front ((W49))
T7R	T7R Headlamp Ballast - Right ((Z88 with W49 or TVD))
E4F	E4F Headlamp - Right High Beam
KR20E	Cooling Fan Speed Control Relay
E13RA	E13RA Headlamp Assembly - Right

G105 and G110

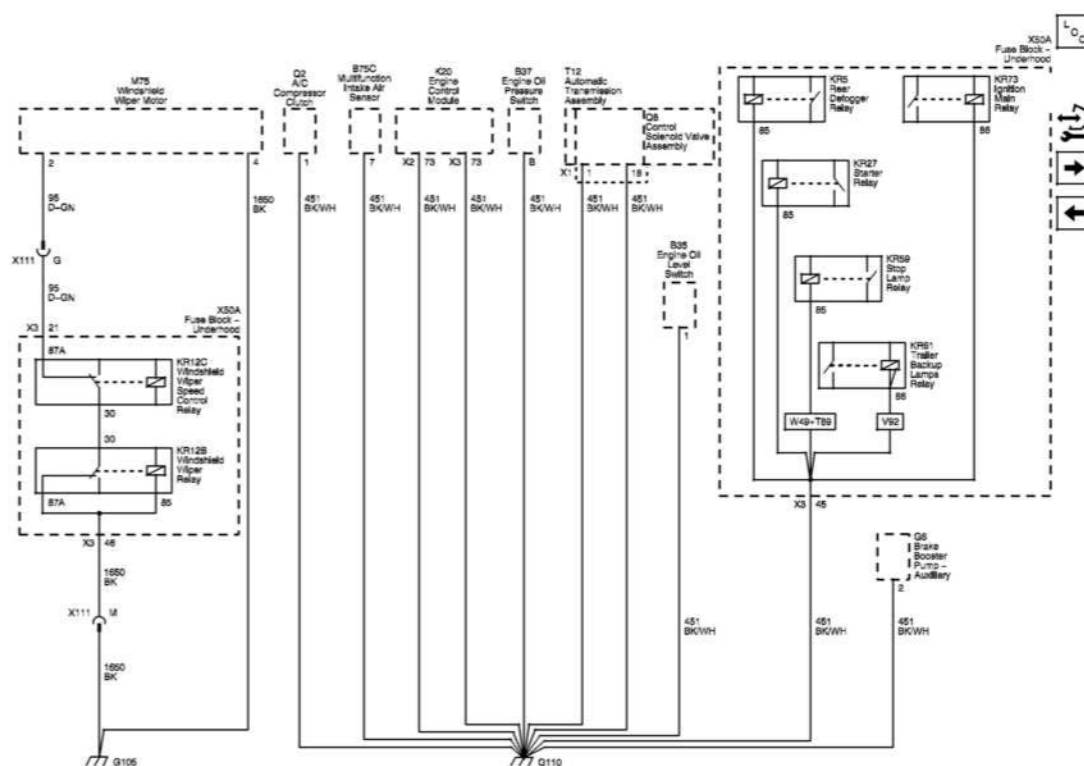


Fig. 57: G105 and G110 Wiring Schematics
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
95	Windshield Wiper Motor Low Speed Control
CAV_21	21
CONN_X3	X3

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CAV_2	2
95_D-GN	95 D-GN
95_D-GN	95 D-GN
CAV_G	G
1650	Ground
1650_BK	1650 BK
CAV_4	4
CAV_46	46
CONN_X3	X3
1650_BK	1650 BK
1650_BK	1650 BK
CAV_M	M
CAV_87A	87A
CAV_85	85
CAV_30	30
CAV_30	30
CAV_87A	87A
451	Signal Ground
451_BK/WH	451 BK/WH
CAV_1	1
451_BK	451 BK
CAV_7	7
451_BK/WH	451 BK/WH
CAV_73	73
CONN_X2	X2
451_BK/WH	451 BK/WH
CAV_73	73
CONN_X3	X3
451_BK/WH	451 BK/WH
CAV_B	B
451_BK/WH	451 BK/WH
CAV_1	1
CONN_X1	X1
451_BK/WH	451 BK/WH
CAV_18	18
451_BK/WH	451 BK/WH
CAV_1	1
451_BK/WH	451 BK/WH
CAV_45	45
CONN_X3	X3
451_BK/WH	451 BK/WH

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CAV_2	2
CAV_85	85
CAV_85	85
CAV_85	85
CAV_86	86
CAV_86	86
V92	TRAILER PROVISIONS-
W49	MARKET BRAND-BUICK
T89	LAMP-TAIL and STOP, EXPORT
G105	G105
G110	G110
X111	X111
X111	X111
Q2	Q2 A/C Compressor Clutch
X50A	X50A Fuse Block - Underhood
KR12C	Windshield Wiper Speed Control Relay
KR12B	Windshield Wiper Relay
M75	M75 Windshield Wiper Motor
KR73	Ignition Main Relay
KR27	Starter Relay
KR59	Stop Lamp Relay
KR61	Trailer Backup Lamps Relay
K20	K20 Engine Control Module
B37	B37 Engine Oil Pressure Switch
B35	B35 Engine Oil Level Switch
T12	T12 Automatic Transmission Assembly
B75C	B75C Multifunction Intake Air Sensor
Q8	Q8 Control Solenoid Valve Assembly
X50A	X50A Fuse Block - Underhood
KR5	Rear Defogger Relay
G6	G6 Brake Booster Pump - Auxiliary

G112, G114 and G115

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

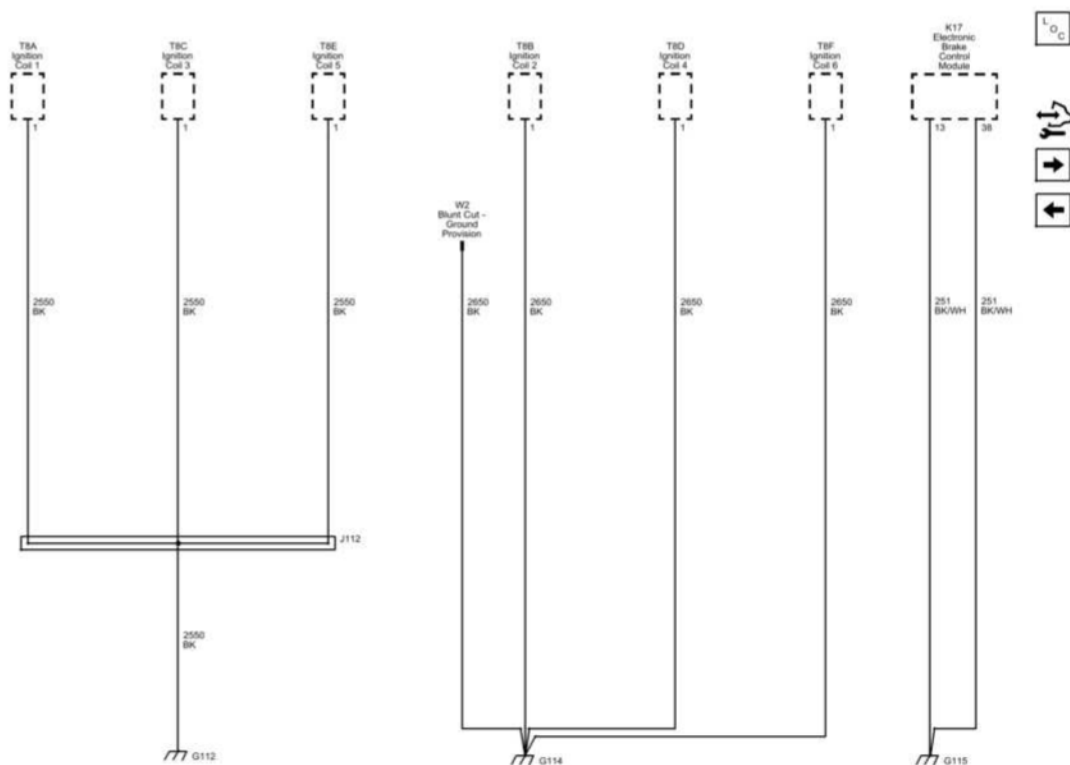


Fig. 58: G112, G114 and G115 Wiring Schematics
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
2550	Ground
2550_BK	2550 BK
CAV_1	1
2550_BK	2550 BK
CAV_1	1
2550_BK	2550 BK
CAV_1	1
2550_BK	2550 BK
2650	Ground
2650_BK	2650 BK
2650_BK	2650 BK
CAV_1	1
2650_BK	2650 BK
CAV_1	1
2650_BK	2650 BK
CAV_1	1

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251	Signal Ground
251_BK/WH	251 BK/WH
CAV_13	13
251_BK/WH	251 BK/WH
CAV_38	38
G114	G114
G115	G115
G112	G112
W2	W2 Blunt Cut - Ground Provision
T8E	T8E Ignition Coil 5
T8A	T8A Ignition Coil 1
T8C	T8C Ignition Coil 3
T8B	T8B Ignition Coil 2
T8D	T8D Ignition Coil 4
T8F	T8F Ignition Coil 6
K17	K17 Electronic Brake Control Module

G300

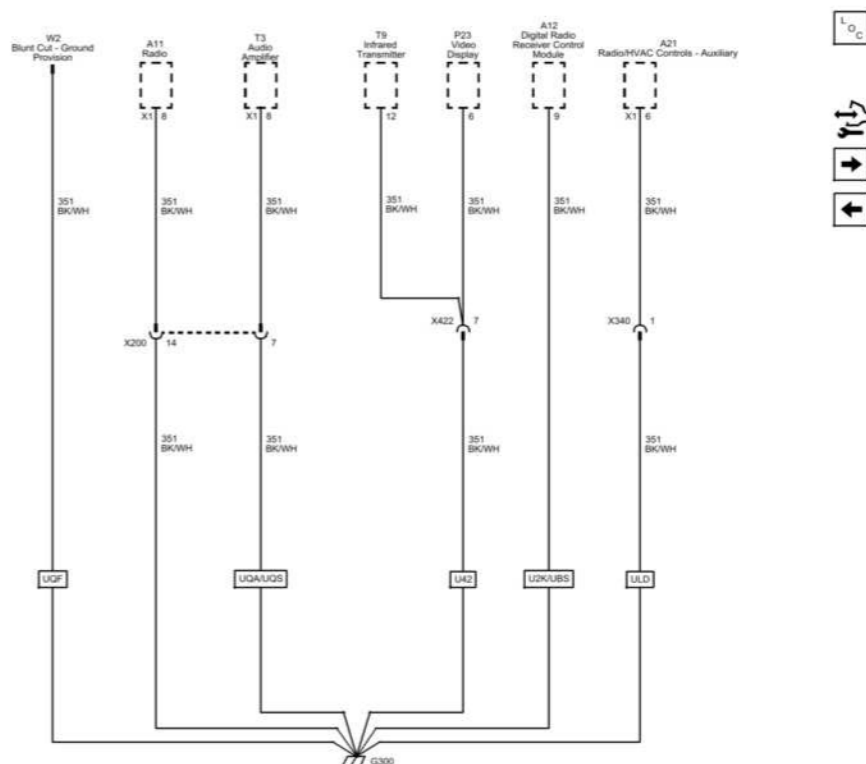


Fig. 59: G300 Wiring Schematics
 Courtesy of GENERAL MOTORS COMPANY

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

Callout	Component Name
351	Signal Ground
351_BK/WH	351 BK/WH
CAV_8	8
CONN_X1	X1
351_BK/WH	351 BK/WH
351_BK/WH	351 BK/WH
CAV_8	8
CONN_X1	X1
351_BK/WH	351 BK/WH
351_BK/WH	351 BK/WH
351_BK/WH	351 BK/WH
CAV_12	12
CAV_6	6
351_BK/WH	351 BK/WH
351_BK/WH	351 BK/WH
351_BK/WH	351 BK/WH
CAV_9	9
CAV_6	6
CONN_X1	X1
351_BK/WH	351 BK/WH
351_BK/WH	351 BK/WH
UQA	SPEAKER SYSTEM-PREMIUM AUDIO BRANDED WITH AMPLIFIER
UQS	SPEAKER SYSTEM-PREMIUM AUDIO BRANDED WITH SURROUND AMPLIFIER
U42	ENTERTAINMENT PKG-REAR SEAT, SINGLE DISPLAY, REM CONTROL, AUX JACK, 2-WIRELESS DUAL CHANNEL HEADPHONES
U2K	DIGITAL AUDIO SYSTEM-S-BAND
UBS	DIGITAL AUDIO SYSTEM-S-BAND AND TRAFFIC
ULD	AUDIO CONTROL-RR SEAT and EARPHONE JACKS, DISPLAY
UQF	SPEAKER SYSTEM-STANDARD AUDIO
CAV_7	7
CAV_1	1
X200	X200
CAV_14	14
CAV_7	7
G300	G300
X422	X422
X340	X340
X200	X200
A11	A11 Radio

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T3	T3 Audio Amplifier ((UQA or UQS))
T9	T9 Infrared Transmitter ((U42))
W2	W2 Blunt Cut - Ground Provision
A12	A12 Digital Radio Receiver Control Module ((U2K or UBS))
A21	A21 Radio/HVAC Controls - Auxiliary
P23	P23 Video Display ((U42))

G301 (1 of 2)

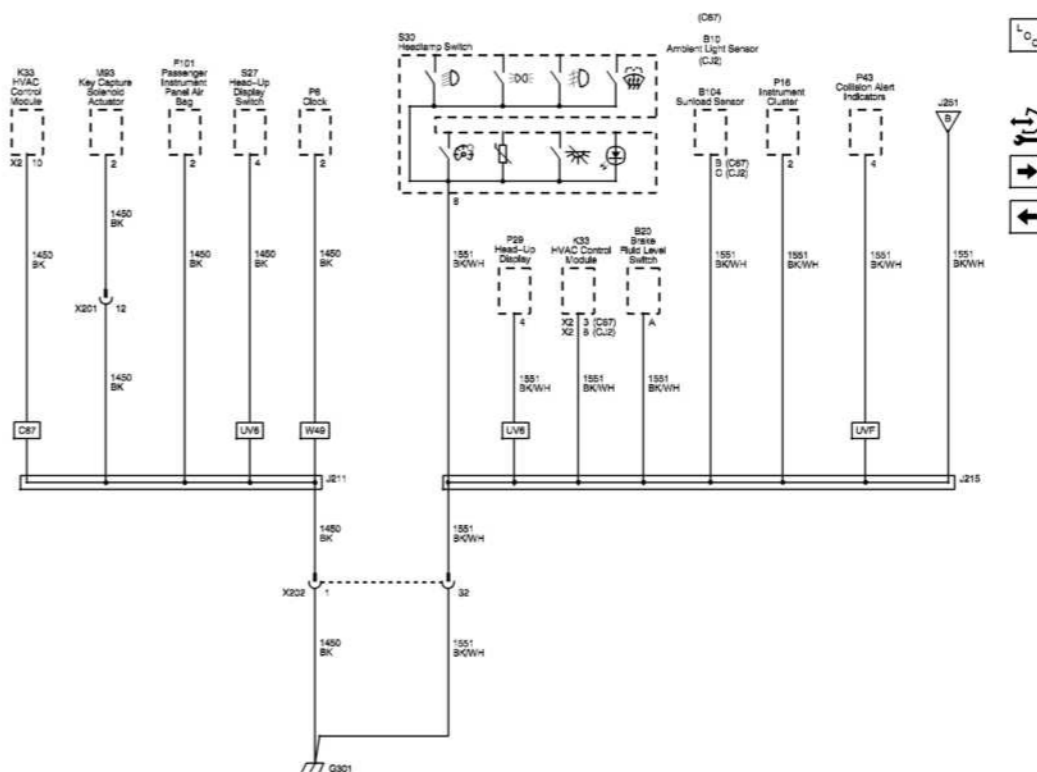


Fig. 60: G301 (1 Of 2) Wiring Schematics

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1450	Ground
1450_BK	1450 BK
CAV_10	10
CONN_X2	X2
CAV_2	2
1450_BK	1450 BK
CAV_2	2
1450_BK	1450 BK

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CAV_4	4
CAV_2	2
1450_BK	1450 BK
1450_BK	1450 BK
1450_BK	1450 BK
1450_BK	1450 BK
1450_BK	1450 BK
CAV_12	12
C67	HVAC SYSTEM-AIR CONDITIONER FRT, ELECTRONIC CONTROLS
UV6	DISPLAY-HEAD UP
W49	MARKET BRAND-BUICK
1551	Signal Ground
CAV_8	8
1551_BK/WH	1551 BK/WH
1551_BK/WH	1551 BK/WH
1551_BK/WH	1551 BK/WH
1551_BK/WH	1551 BK/WH
CAV_4	4
1551_BK/WH	1551 BK/WH
CAV_3	3
CONN_X2	X2
1551_BK/WH	1551 BK/WH
CAV_A	A
1551_BK/WH	1551 BK/WH
CAV_B	B
1551_BK/WH	1551 BK/WH
CAV_2	2
1551_BK/WH	1551 BK/WH
CAV_C	C
CAV_8	8
CONN_X2	X2
C67	HVAC SYSTEM-AIR CONDITIONER FRT, ELECTRONIC CONTROLS
CJ2	HVAC SYSTEM-AIR CONDITIONER FRT, AUTO TEMP CONT, AUX TEMP CONT
C67	HVAC SYSTEM-AIR CONDITIONER FRT, ELECTRONIC CONTROLS
CJ2	HVAC SYSTEM-AIR CONDITIONER FRT, AUTO TEMP CONT, AUX TEMP CONT
UV6	DISPLAY-HEAD UP
X202	X202
CAV_1	1
CAV_32	32

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G301	G301
X201	X201
B_REF	B
J211	J211
X202	X202
P6	P6 Clock ((W49))
K33	K33 HVAC Control Module
B20	B20 Brake Fluid Level Switch
S30	S30 Headlamp Switch
B104	B104 Sunload Sensor ((CJ2))
B10	B10 Ambient Light Sensor ((C67))
P29	P29 Head-Up Display ((UV6))
K33	K33 HVAC Control Module
M93	M93 Key Capture Solenoid Actuator
S27	S27 Head-Up Display Switch ((UV6))
P16	P16 Instrument Cluster
F101	F101 Passenger Instrument Panel Air Bag

G301 (2 of 2)

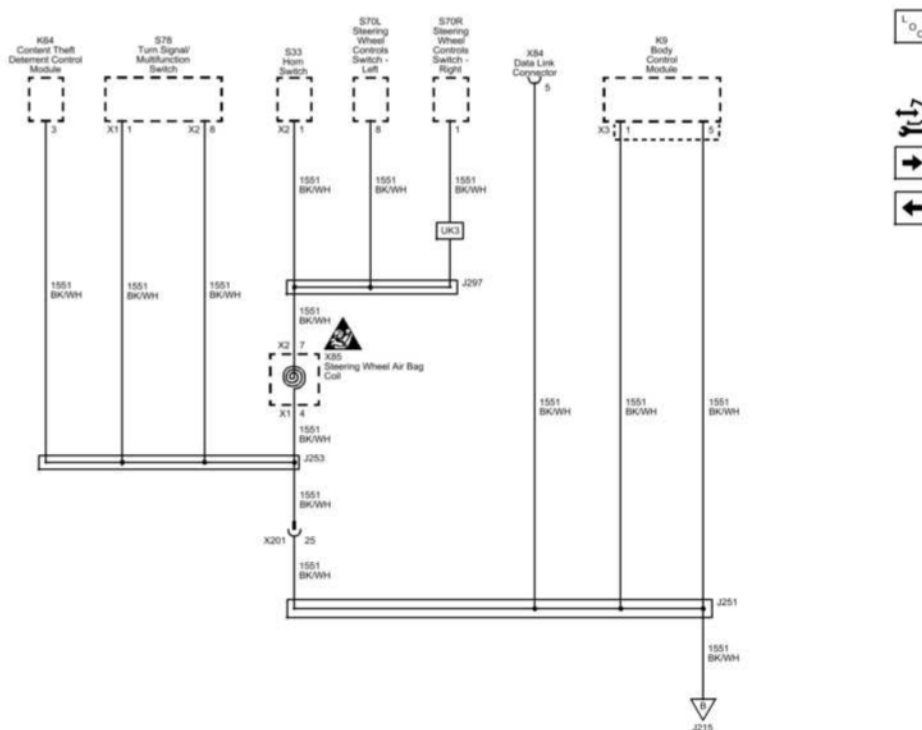


Fig. 61: G301 (2 Of 2) Wiring Schematics

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1551	Signal Ground
1551_BK/WH	1551 BK/WH
CAV_3	3
1551_BK/WH	1551 BK/WH
CAV_1	1
CONN_X1	X1
1551_BK/WH	1551 BK/WH
CAV_8	8
CONN_X2	X2
CAV_7	7
CONN_X2	X2
CAV_1	1
CONN_X2	X2
1551_BK/WH	1551 BK/WH
1551_BK/WH	1551 BK/WH
CAV_4	4
CONN_X1	X1
1551_BK/WH	1551 BK/WH
1551_BK/WH	1551 BK/WH
1551_BK/WH	1551 BK/WH
CAV_25	25
1551_BK/WH	1551 BK/WH
CAV_8	8
1551_BK/WH	1551 BK/WH
CAV_1	1
UK3	CONTROL-STEERING WHEEL, ACCESSORY
1551_BK/WH	1551 BK/WH
CAV_5	5
1551_BK/WH	1551 BK/WH
CAV_1	1
CONN_X3	X3
1551_BK/WH	1551 BK/WH
CAV_5	5
1551_BK/WH	1551 BK/WH
X201	X201
B_REF	B
J251	J251
S33	S33 Horn Switch

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X84	X84 Data Link Connector
S70L	S70L Steering Wheel Controls Switch - Left
S70R	S70R Steering Wheel Controls Switch - Right ((UK3))
S78	S78 Turn Signal/Multifunction Switch
K9	K9 Body Control Module
K64	K64 Content Theft Deterrent Control Module
X85	X85 Steering Wheel Air Bag Coil

G302 (1 of 3)

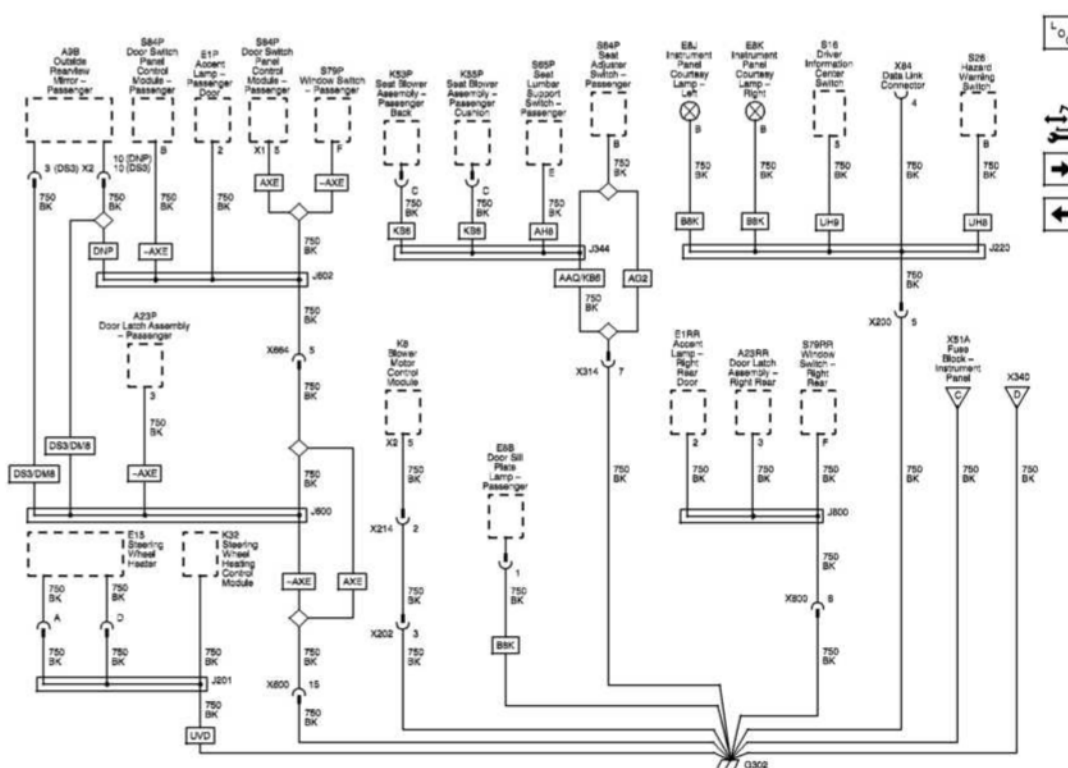


Fig. 62: G302 (1 Of 3) Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
750	Ground
750_BK	750 BK
750_BK	750 BK
750_BK	750 BK
CAV_3	3
750_BK	750 BK
CAV_B	B

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750_BK	750 BK
CAV_2	2
750_BK	750 BK
CAV_5	5
CONN_X1	X1
750_BK	750 BK
CAV_F	F
750_BK	750 BK
750_BK	750 BK
750_BK	750 BK
750_BK	750 BK
750_BK	750 BK
750_BK	750 BK
CAV_A	A
CAV_D	D
CAV_3	3
CAV_10	10
DS3	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, MANUAL FOLDING, TURN SIG IND, COLOR
CAV_10	10
DNP	MIRROR O/S-LH and RH, REM CONTROL, ELECTRIC, HEATED, PWR FOLDING, TURN SIG IND, LT SENSITIVE/DRIVER, COLOR
750_BK	750 BK
750_BK	750 BK
CAV_5	5
750_BK	750 BK
750_BK	750 BK
CAV_15	15
750_BK	750 BK
750_BK	750 BK
750_BK	750 BK
CAV_E	E
CAV_C	C
CAV_C	C
750_BK	750 BK
CAV_B	B
750_BK	750 BK
CAV_B	B
750_BK	750 BK
750_BK	750 BK
CAV_1	1

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CAV_5	5
CONN_X2	X2
750_BK	750 BK
750_BK	750 BK
750_BK	750 BK
CAV_2	2
CAV_3	3
750_BK	750 BK
CAV_5	5
750_BK	750 BK
CAV_1	1
750_BK	750 BK
CAV_B	B
750_BK	750 BK
CAV_B	B
750_BK	750 BK
CAV_5	5
750_BK	750 BK
750_BK	750 BK
750_BK	750 BK
CAV_5	5
CAV_4	4
750_BK	750 BK
CAV_B	B
750_BK	750 BK
CAV_F	F
750_BK	750 BK
750_BK	750 BK
CAV_8	8
750_BK	750 BK
CAV_3	3
750_BK	750 BK
CAV_2	2
750_BK	750 BK
750_BK	750 BK
DNP	MIRROR O/S-LH and RH, REM CONTROL, ELECTRIC, HEATED, PWR FOLDING, TURN SIG IND, LT SENSITIVE/DRIVER, COLOR
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE

2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

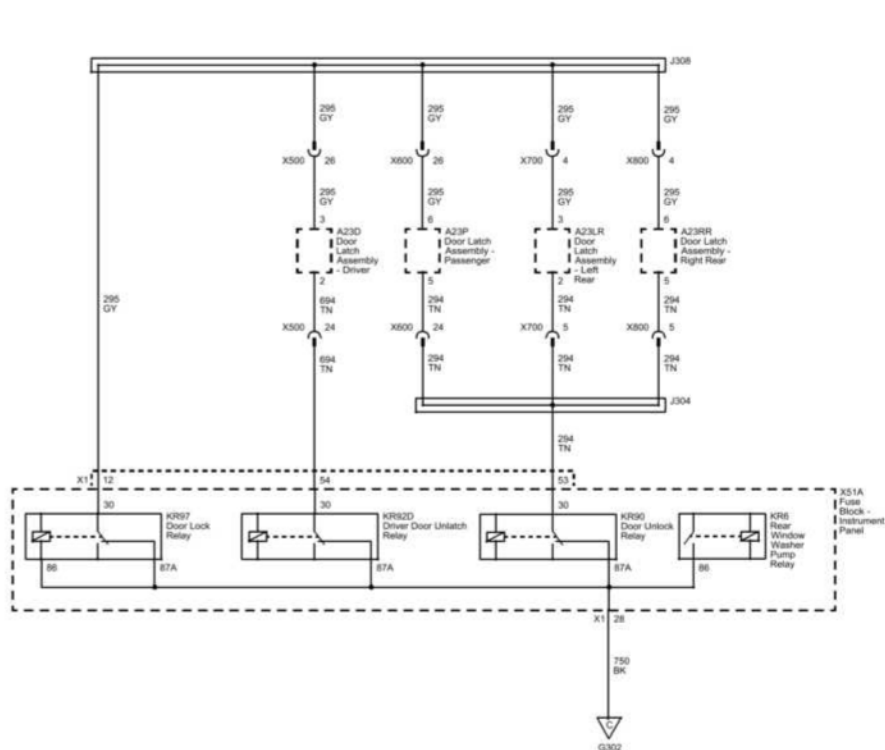
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
KB6	HEATER-SEAT, COOLING, FRT
KB6	HEATER-SEAT, COOLING, FRT
AG2	ADJUSTER PASS ST-POWER, MULTI-DIRECTIONAL
B8K	"PLATE-DOOR SILL CVR ""DENALI"""
B8K	"PLATE-DOOR SILL CVR ""DENALI"""
UH9	CLUSTER-INST, COOL TEMP, TRIP ODOM, TACH, DR INFO CTR (DO NOT USE AFTER MY 2009 ON NEW/MAJOR PRGMS)
DS3	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, MANUAL FOLDING, TURN SIG IND, COLOR
DS3	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, MANUAL FOLDING, TURN SIG IND, COLOR
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
UVD	HEATER-STEERING WHEEL
B8K	"PLATE-DOOR SILL CVR ""DENALI"""
DS3	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, MANUAL FOLDING, TURN SIG IND, COLOR
AH8	ADJUSTER PASS ST-POWER, 8 WAY
KB8	
G302	G302
X2	X2
X644	X644
X600	X600
X314	X314
X214	X214
X202	X202
X200	X200
X800	X800
C_REF	C
D_REF	D
X84	X84 Data Link Connector
S26	S26 Hazard Warning Switch
S79RR	S79RR Window Switch - Right Rear
X51A	X51A Fuse Block - Instrument Panel
A23RR	A23RR Door Latch Assembly - Right Rear
A9B	A9B Outside Rearview Mirror - Passenger

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K8	K8 Blower Motor Control Module
S13P	S13P Door Lock Switch - Passenger ((without AXE))
S64P	S64P Seat Adjuster Switch - Passenger ((AAQ or AG2))
E8B	E8B Door Sill Plate Lamp - Passenger ((B8K))
E8J	E8J Instrument Panel Courtesy Lamp - Left ((B8K))
E8K	E8K Instrument Panel Courtesy Lamp - Right ((B8K))
S16	S16 Driver Information Center Switch ((UH9))
E15	E15 Steering Wheel Heater (UVD)
K32	K32 Steering Wheel Heating Control Module (UVD)
S16	S16 Driver Information Center Switch ((UH9))
A23P	A23P Door Latch Assembly - Passenger
S13P	S13P Door Lock Switch - Passenger ((without AXE))
S79P	S79P Window Switch - Passenger ((without AXE))
S65P	S65P Seat Lumbar Support Switch - Passenger ((AAQ))
E1P	E1P Accent Lamp - Passenger Door ((W49))
E1RR	E1RR Accent Lamp - Right Rear Door ((W49))
K53P	K53P Seat Blower Assembly - Passenger Back ((KB6))
K55P	K55P Seat Blower Assembly - Passenger Cushion ((KB6))

G302 (2 of 3)



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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

Fig. 63: G302 (2 Of 3) Wiring Schematics

Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
295	Door Lock Actuator Lock Control
295_GY	295 GY
CAV_12	12
CONN_X1	X1
CAV_3	3
694	Driver Door Lock Actuator Unlock Control
CAV_54	54
CAV_2	2
CAV_6	6
294	Door Lock Actuator Unlock Control
CAV_5	5
295_GY	295 GY
295_GY	295 GY
694_TN	694 TN
694_TN	694 TN
294_TN	294 TN
294_TN	294 TN
295_GY	295 GY
295_GY	295 GY
CAV_3	3
CAV_53	53
294_TN	294 TN
294_TN	294 TN
294_TN	294 TN
295_GY	295 GY
295_GY	295 GY
CAV_6	6
295_GY	295 GY
295_GY	295 GY
CAV_5	5
294_TN	294 TN
294_TN	294 TN
750	Ground
750_BK	750 BK
CAV_28	28
CONN_X1	X1
CAV_26	26

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CAV_26	26
CAV_4	4
CAV_4	4
CAV_24	24
CAV_24	24
CAV_5	5
CAV_5	5
CAV_2	2
CAV_30	30
CAV_30	30
CAV_30	30
CAV_87A	87A
CAV_87A	87A
CAV_86	86
CAV_87A	87A
CAV_86	86
C_REF	C
X500	X500
X600	X600
X700	X700
X800	X800
X500	X500
X600	X600
X700	X700
X800	X800
X51A	X51A Fuse Block - Instrument Panel
A23D	A23D Door Latch Assembly - Driver
A23P	A23P Door Latch Assembly - Passenger
A23LR	A23LR Door Latch Assembly - Left Rear
A23RR	A23RR Door Latch Assembly - Right Rear
KR97	Door Lock Relay
KR6	Rear Window Washer Pump Relay
KR92D	Driver Door Unlatch Relay
KR90	Door Unlock Relay

G302 (3 of 3)

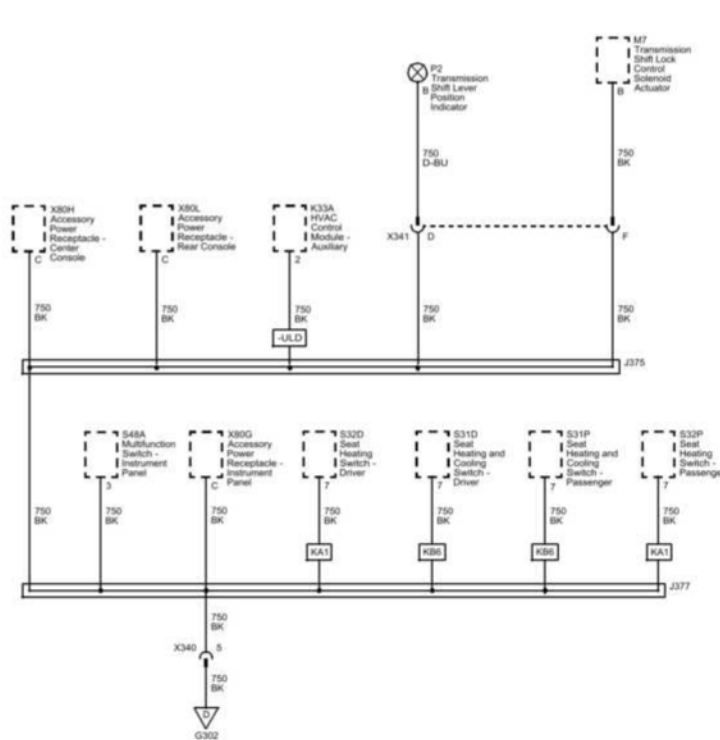


Fig. 64: G302 (3 Of 3) Wiring Schematics
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
750	Ground
CAV_C	C
CAV_C	C
CAV_2	2
CAV_B	B
750_BK	750 BK
750_BK	750 BK
750_BK	750 BK
750_BK	750 BK
750_D-BU	750 D-BU
CAV_B	B
750_BK	750 BK
750_BK	750 BK
750_BK	750 BK
ULD	AUDIO CONTROL-RR SEAT and EARPHONE JACKS, DISPLAY
750_BK	750 BK

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CAV_3	3
CAV_C	C
750_BK	750 BK
CAV_7	7
750_BK	750 BK
CAV_7	7
750_BK	750 BK
CAV_7	7
750_BK	750 BK
CAV_7	7
750_BK	750 BK
750_BK	750 BK
750_BK	750 BK
CAV_5	5
KA1	HEATER SEAT FRT-DRVR and PASS
KB6	HEATER-SEAT, COOLING, FRT
KB6	HEATER-SEAT, COOLING, FRT
KA1	HEATER SEAT FRT-DRVR and PASS
X341	X341
CAV_D	D
CAV_F	F
X340	X340
D_REF	D
X341	X341
S32D	S32D Seat Heating Switch - Driver ((KA1 or KB6 or SPO Accessory))
X80G	X80G Accessory Power Receptacle - Instrument Panel
X80H	X80H Accessory Power Receptacle - Center Console
S31D	S31D Seat Heating and Cooling Switch - Driver ((KB6))
S31P	S31P Seat Heating and Cooling Switch - Passenger ((KB6))
S32P	S32P Seat Heating Switch - Passenger ((KA1 or SPO Accessory))
S48A	S48A Multifunction Switch - Instrument Panel
X80L	X80L Accessory Power Receptacle - Rear Console ((DK1))
P2	P2 Transmission Shift Lever Position Indicator
M7	M7 Transmission Shift Lock Control Solenoid Actuator
K33A	K33A HVAC Control Module - Auxiliary

G303 (1 of 2)

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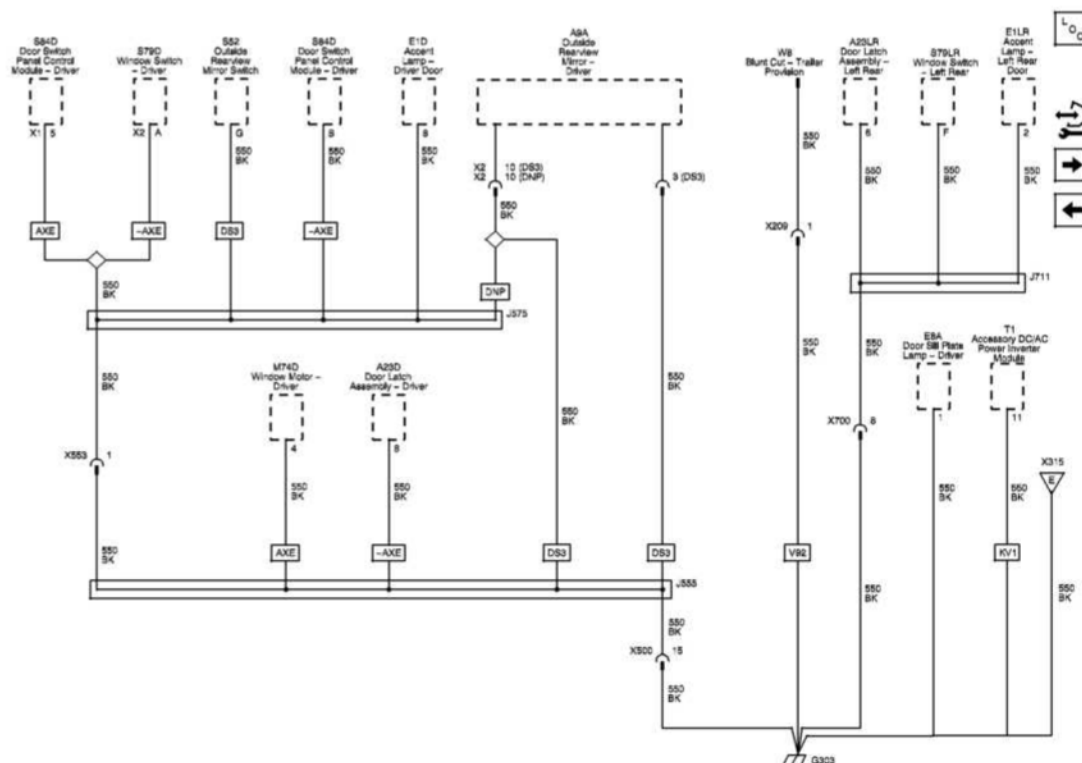


Fig. 65: G303 (1 Of 2) Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
550	Ground
550_BK	550 BK
CAV_5	5
CONN_X1	X1
CAV_A	A
CONN_X2	X2
550_BK	550 BK
CAV_G	G
550_BK	550 BK
CAV_B	B
550_BK	550 BK
CAV_8	8
550_BK	550 BK
550_BK	550 BK
550_BK	550 BK
CAV_4	4

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550_BK	550 BK
CAV_8	8
550_BK	550 BK
550_BK	550 BK
550_BK	550 BK
CAV_6	6
550_BK	550 BK
CAV_F	F
550_BK	550 BK
CAV_2	2
550_BK	550 BK
CAV_1	1
550_BK	550 BK
550_BK	550 BK
CAV_11	11
KV1	INVERTER-POWER PORT, 110 VOLT
CAV_X315	X315
CAV_8	8
550_BK	550 BK
V92	TRAILER PROVISIONS-
550_BK	550 BK
550_BK	550 BK
CAV_1	1
CAV_3	3
DS3	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, MANUAL FOLDING, TURN SIG IND, COLOR
DS3	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, MANUAL FOLDING, TURN SIG IND, COLOR
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
550_BK	550 BK
550_BK	550 BK
550_BK	550 BK
550_BK	550 BK
CAV_15	15
CAV_1	1
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS

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	REAR DISABLE
DS3	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, MANUAL FOLDING, TURN SIG IND, COLOR
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
DNP	MIRROR O/S-LH and RH, REM CONTROL, ELECTRIC, HEATED, PWR FOLDING, TURN SIG IND, LT SENSITIVE/DRIVER, COLOR
CAV_10	10
CAV_10	10
DS3	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, MANUAL FOLDING, TURN SIG IND, COLOR
DNP	MIRROR O/S-LH and RH, REM CONTROL, ELECTRIC, HEATED, PWR FOLDING, TURN SIG IND, LT SENSITIVE/DRIVER, COLOR
DS3	MIRROR O/S-LH and RH, REMOTE CONTROL, ELECTRIC, HEATED, MANUAL FOLDING, TURN SIG IND, COLOR
E_REF	E
X700	X700
G303	G303
J711	J711
X209	X209
J555	J555
]X500	]X500
X553	X553
X2	X2
J575	J575
S13D	S13D Door Lock Switch - Driver ((without AXE))
A9A	A9A Outside Rearview Mirror - Driver
S79D	S79D Window Switch - Driver ((without AXE))
S52	S52 Outside Rearview Mirror Switch ((without AXE))
W8	W8 Blunt Cut - Trailer Provision
A23LR	A23LR Door Latch Assembly - Left Rear
S13D	S13D Door Lock Switch - Driver ((without AXE))
S79LR	S79LR Window Switch - Left Rear
M74D	M74D Window Motor - Driver
A23D	A23D Door Latch Assembly - Driver
E8A	E8A Door Sill Plate Lamp - Driver ((B8K))
T1	T1 Accessory DC/AC Power Inverter Module ((KV1))
E1D	E1D Accent Lamp - Driver Door ((W49))
E1LR	E1LR Accent Lamp - Left Rear Door ((W49))

G303 (2 of 2), G304 and G305

2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

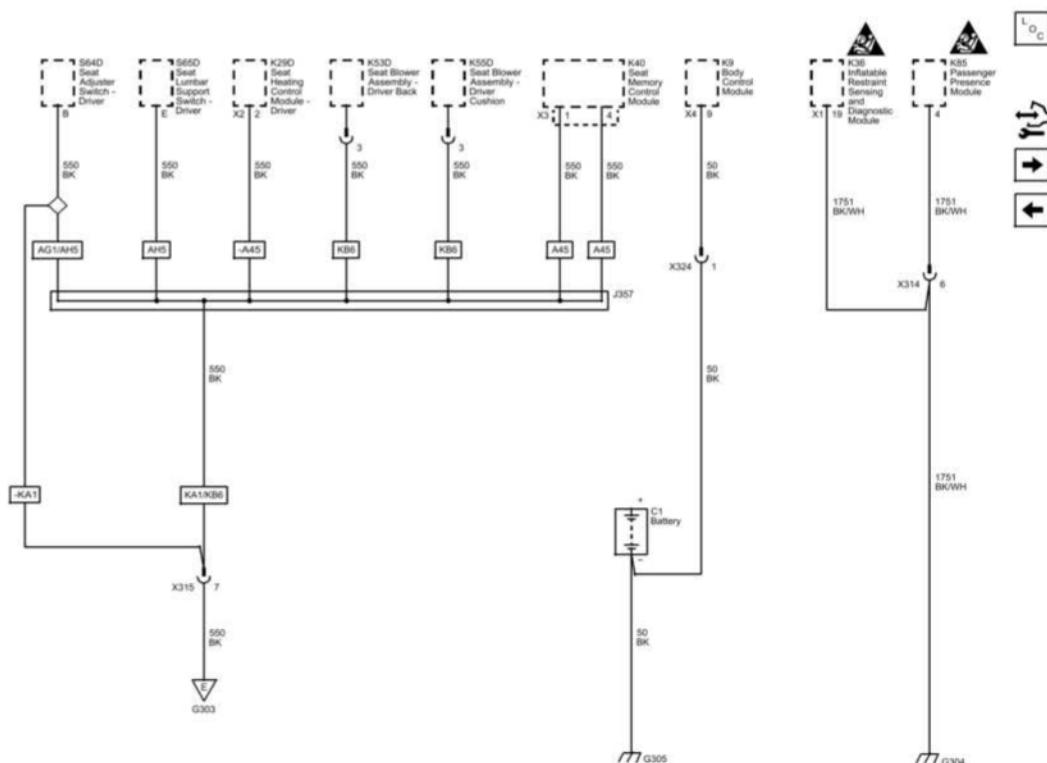


Fig. 66: G303 (2 Of 2), G304 And G305 Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
550	Ground
550_BK	550 BK
CAV_B	B
550_BK	550 BK
CAV_E	E
550_BK	550 BK
CAV_2	2
CONN_X2	X2
550_BK	550 BK
550_BK	550 BK
550_BK	550 BK
CAV_1	1
CONN_X3	X3
550_BK	550 BK
CAV_4	4
550_BK	550 BK

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

550_BK	550 BK
CAV_7	7
KA1	HEATER SEAT FRT-DRVR and PASS
KA1	HEATER SEAT FRT-DRVR and PASS
KB6	HEATER-SEAT, COOLING, FRT
AG1	ADJUSTER FRT ST-POWER, MULTI-DIRECTIONAL, DRIVER
AH5	ADJUSTER FRT ST-POWER, 8 WAY, NO MEMORY, DRIVER
AH5	ADJUSTER FRT ST-POWER, 8 WAY, NO MEMORY, DRIVER
A45	MEMORY-SEAT ADJUSTER, MIRROR, POWER, DRIVER, PERSONALIZATION
KB6	HEATER-SEAT, COOLING, FRT
KB6	HEATER-SEAT, COOLING, FRT
A45	MEMORY-SEAT ADJUSTER, MIRROR, POWER, DRIVER, PERSONALIZATION
A45	MEMORY-SEAT ADJUSTER, MIRROR, POWER, DRIVER, PERSONALIZATION
CAV_3	3
CAV_3	3
50	Ground
50_BK	50 BK
CAV_9	9
CONN_X4	X4
50_BK	50 BK
CAV_1	1
50_BK	50 BK
1751	Signal Ground
1751_BK/WH	1751 BK/WH
CAV_4	4
1751_BK/WH	1751 BK/WH
CAV_19	19
CONN_X1	X1
1751_BK/WH	1751 BK/WH
CAV_6	6
G304	G304
G305	G305
E_REF	E
X315	X315
J357	J357
X324	X324
X314	X314
S65D	S65D Seat Lumbar Support Switch - Driver ((AG3 or AH5))

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

K40	K40 Seat Memory Control Module ((A45))
K9	K9 Body Control Module
C1	C1 Battery
S64D	S64D Seat Adjuster Switch - Driver ((AG1 or AG3 or AH5))
K29D	K29D Seat Heating Control Module - Driver ((KA1 without A45 or SPO Accessory))
K36	K36 Inflatable Restraint Sensing and Diagnostic Module
K85	Passenger Presence Module
K53D	K53D Seat Blower Assembly - Driver Back ((KB6))
K55D	K55D Seat Blower Assembly - Driver Cushion ((KB6))

G401 (1 of 2)

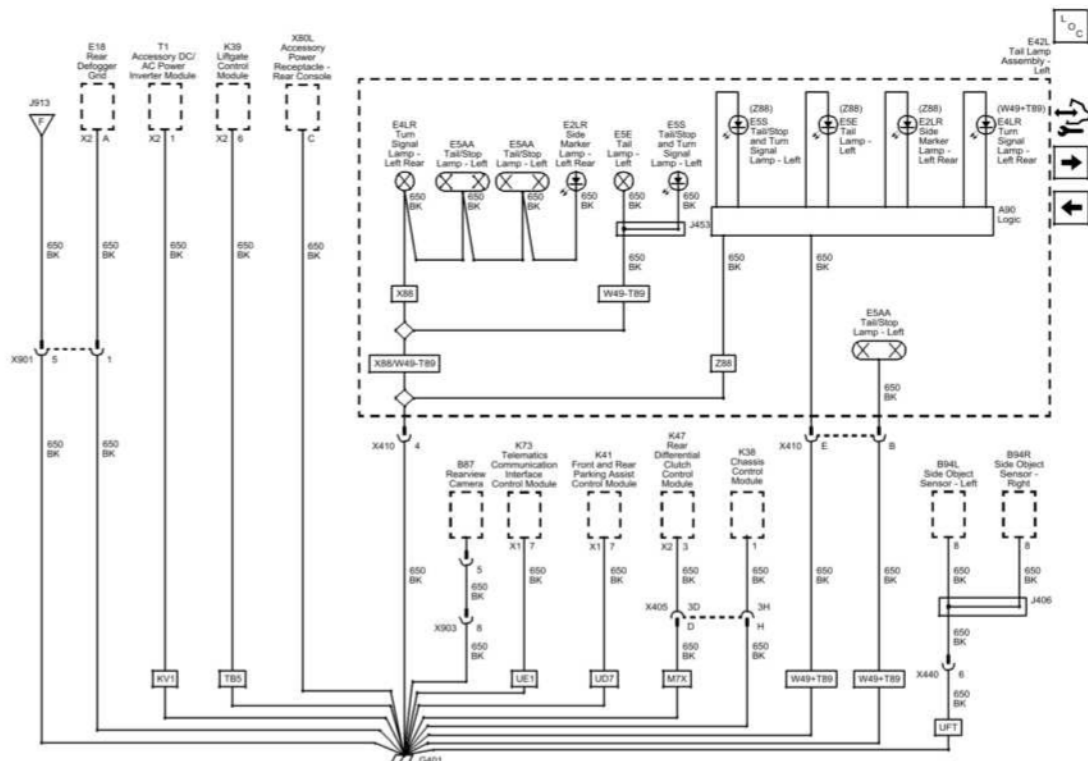


Fig. 67: G401 (1 Of 2) Wiring Schematics
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
650	Ground
650_BK	650 BK
CAV_A	A
CONN_X2	X2

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

650_BK	650 BK
CAV_1	1
CONN_X2	X2
650_BK	650 BK
CAV_6	6
CONN_X2	X2
650_BK	650 BK
CAV_C	C
650_BK	650 BK
CAV_B	B
650_BK	650 BK
CAV_B	B
650_BK	650 BK
CAV_6	6
650_BK	650 BK
650_BK	650 BK
650_BK	650 BK
650_BK	650 BK
650_BK	650 BK
X88	MARKET BRAND-CHEVROLET
650_BK	650 BK
CAV_7	7
CONN_X1	X1
650_BK	650 BK
CAV_7	7
CONN_X1	X1
650_BK	650 BK
CAV_3	3
CONN_X2	X2
650_BK	650 BK
CAV_1	1
650_BK	650 BK
650_BK	650 BK
UD7	PARK ASSIST-REAR
UE1	COMMUNICATION SYSTEM-VEHICLE, ONSTAR
CAV_H	H
CAV_D	D
TB5	BODY EQUIPMENT-LIFT GATE (POWER)
KV1	INVERTER-POWER PORT, 110 VOLT
_BK	BK
_BK	BK

2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

_BK	BK
_BK	BK
_BK	BK
CAV_B	B
CAV_E	E
CAV_C	C
CAV_B	B
650_BK	650 BK
X88	MARKET BRAND-CHEVROLET
W49	MARKET BRAND-BUICK
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
T89	LAMP-TAIL and STOP, EXPORT
X88	MARKET BRAND-CHEVROLET
W49	MARKET BRAND-BUICK
T89	LAMP-TAIL and STOP, EXPORT
X88	MARKET BRAND-CHEVROLET
W49	MARKET BRAND-BUICK
T89	LAMP-TAIL and STOP, EXPORT
W49	MARKET BRAND-BUICK
T89	LAMP-TAIL and STOP, EXPORT
CAV_2	2
CAV_D	D
Z88	MARKET BRAND-GMC
CAV_B	B
M7X	TRANSMISSION-AUTO 6 SPD, 6T75, AWD, GEN 2
W49	MARKET BRAND-BUICK
T89	LAMP-TAIL and STOP, EXPORT
W49	MARKET BRAND-BUICK
T79	LAMP-FOG, RR
X901	X901
CAV_5	5
CAV_1	1
X405	X405
CAV_3D	3D
CAV_3H	3H
X440	X440
J497	J497
X451	X451
J493	J493
F_REF	F

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

X901	X901
X405	X405
K39	K39 Liftgate Control Module ((TB5))
K47	K47 Rear Differential Clutch Control Module ((MH6))
E7L	E7L License Plate Lamp - Left
E7R	E7R License Plate Lamp - Right
K27	K27 Fuel Pump Control Module
E2LR	E2LR Side Marker Lamp - Left Rear
E29R	E29R Fog Lamp - Rear ((W49 with T79))
E5E	E5E Tail Lamp - Left
E5S	E5S Tail/Stop and Turn Signal Lamp - Left ((W49 or X88))
E18	E18 Rear Defogger Grid
X80L	X80L Accessory Power Receptacle - Rear Console ((DK1))
K73	K73 Telematics Communication Interface Control Module ((UE1))
T1	T1 Accessory DC/AC Power Inverter Module ((KV1))
K41	K41 Front and Rear Parking Assist Control Module ((UD7))

G401 (2 of 2)

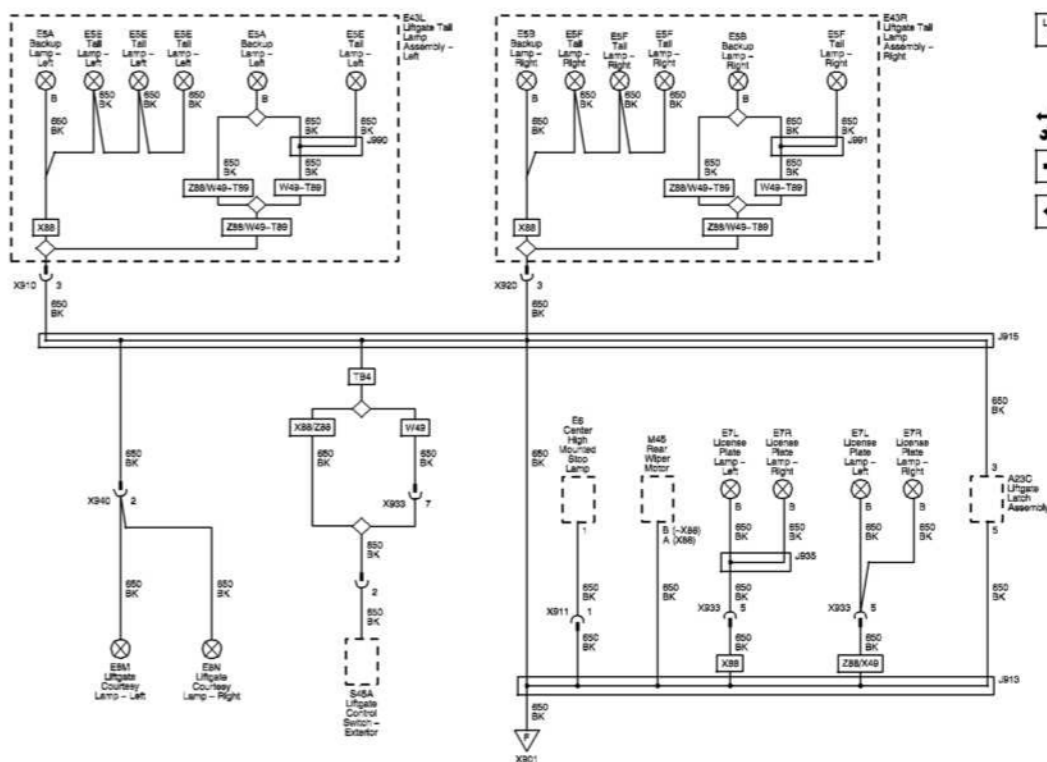


Fig. 68: G401 (2 Of 2) Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

Callout	Component Name
650	Ground
650_BK	650 BK
CAV_1	1
650_BK	650 BK
CAV_1	1
650_BK	650 BK
CAV_2	2
650_BK	650 BK
650_BK	650 BK
W49	MARKET BRAND-BUICK
Z88	MARKET BRAND-GMC
TB4	BODY EQUIPMENT-LIFT GATE (MANUAL)
CAV_2	2
CAV_7	7
_BK	BK
CAV_1	1
CAV_B	B
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
_BK	BK
CAV_A	A
_BK	BK
CAV_2	2
W49	MARKET BRAND-BUICK
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
Z88	MARKET BRAND-GMC
650_BK	650 BK
650_BK	650 BK
650_BK	650 BK
CAV_C	C
_BK	BK
CAV_1	1
CAV_B	B
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
_BK	BK
CAV_2	2
CAV_A	A
W49	MARKET BRAND-BUICK

2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

Z88	MARKET BRAND-GMC
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
650_BK	650 BK
_BK	BK
CAV_C	C
650_BK	650 BK
CAV_3	3
650_BK	650 BK
CAV_5	5
TB4	BODY EQUIPMENT-LIFT GATE (MANUAL)
650_BK	650 BK
CAV_B	B
650_BK	650 BK
CAV_B	B
650_BK	650 BK
CAV_1	1
650_BK	650 BK
X88	MARKET BRAND-CHEVROLET
X88	MARKET BRAND-CHEVROLET
CAV_1	1
650_BK	650 BK
CAV_5	5
650_BK	650 BK
CAV_9	9
X88	MARKET BRAND-CHEVROLET
X88	MARKET BRAND-CHEVROLET
UVC	VISION-REAR VIEW, MONO
650_BK	650 BK
CAV_B	B
CAV_A	A
X88	MARKET BRAND-CHEVROLET
X88	MARKET BRAND-CHEVROLET
_BK	BK
CAV_B	B
_BK	BK
CAV_B	B
_WH	WH
X88	MARKET BRAND-CHEVROLET
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK

2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

_WH	WH
X88	MARKET BRAND-CHEVROLET
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
_BK	BK
_WH	WH
X88	MARKET BRAND-CHEVROLET
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
650 _BK	650 BK
CAV_5	5
TB4	BODY EQUIPMENT-LIFT GATE (MANUAL)
A45	MEMORY-SEAT ADJUSTER, MIRROR, POWER, DRIVER, PERSONALIZATION
AXE	WINDOW-PWR OPERATED-EXPRESS UP/DOWN DRVR, EXP DOWN PASS REAR DISABLE
X940	X940
X933	X933
J917	J917
F_REF	F
X931	X931
J919	J919
X920	X920
X911	X911
X933	X933
J935	J935
X933	X933
J913	J913
E5A	E5A Backup Lamp - Left
E5A	E5A Backup Lamp - Left
E5B	E5B Backup Lamp - Right
E6	E6 Center High Mounted Stop Lamp
M45	M45 Rear Wiper Motor
E5B	E5B Backup Lamp - Right
E8M	E8M Liftgate Courtesy Lamp - Left
E8N	E8N Liftgate Courtesy Lamp - Right
E5E	E5E Tail Lamp - Left
E5F	E5F Tail Lamp - Right
E5G	E5G Tail Lamp - Left Inner ((Z88))
S45A	S45A Liftgate Control Switch - Exterior
E5H	E5H Tail Lamp - Right Inner ((Z88))

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

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2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

CAV_D	D
_BK	BK
_BK	BK
CAV_B	B
_BK	BK
CAV_B	B
850_BK	850 BK
_BK	BK
_BK	BK
CAV_C	C
X88	MARKET BRAND-CHEVROLET
W49	MARKET BRAND-BUICK
T89	LAMP-TAIL and STOP, EXPORT
W49	MARKET BRAND-BUICK
T89	LAMP-TAIL and STOP, EXPORT
CAV_B	B
W49	MARKET BRAND-BUICK
X88	MARKET BRAND-CHEVROLET
CAV_E	E
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
T89	LAMP-TAIL and STOP, EXPORT
RCA	CONTROL-REAR CARGO, RADIO, REDUNDANT
V92	TRAILER PROVISIONS-
850_BK	850 BK
850_BK	850 BK
850_BK	850 BK
CAV_14	14
CAV_M	M
CAV_8	8
CAV_B	B
Z88	MARKET BRAND-GMC
W49	MARKET BRAND-BUICK
T89	LAMP-TAIL and STOP, EXPORT
W49	MARKET BRAND-BUICK
T89	LAMP-TAIL and STOP, EXPORT
X88	MARKET BRAND-CHEVROLET
CAV_J236	J236
AQQ	LOCK CONTROL, ENTRY-REMOTE ENTRY, EXTENDED RANGE (MY 09 AND FUTURE)
G402	G402

2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

G_REF	G
J488	J488
X450	X450
X422	X422
X452	X452
X442	X442
K8A	K8A Blower Motor Control Module - Auxiliary
E5T	E5T Tail/Stop and Turn Signal Lamp - Right ((W49 or X88))
X88	X88 Trailer Connector
E2RR	E2RR Side Marker Lamp - Right Rear
E5F	E5F Tail Lamp - Right
K77	K77 Remote Control Door Lock Receiver
A13	A13 Rear Audio Control Module

G402 (2 of 2)

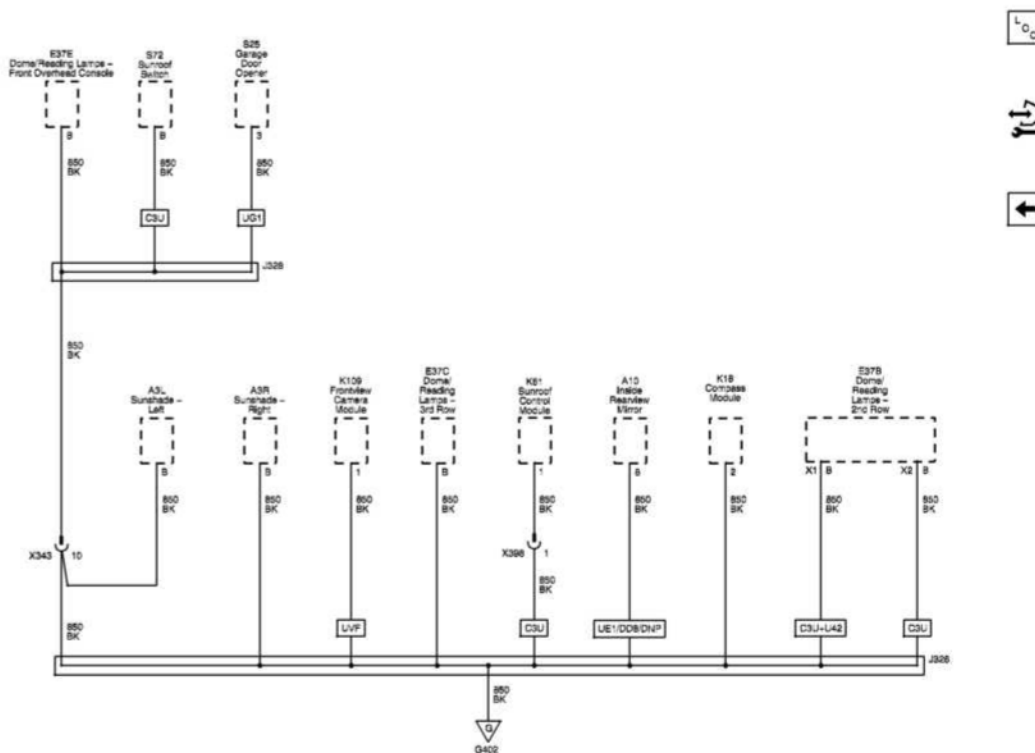


Fig. 70: G402 (2 Of 2) Wiring Schematics
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
850	Ground

2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

850_BK	850 BK
CAV_B	B
850_BK	850 BK
CAV_B	B
850_BK	850 BK
CAV_3	3
850_BK	850 BK
CAV_B	B
850_BK	850 BK
CAV_B	B
850_BK	850 BK
CAV_B	B
850_BK	850 BK
CAV_1	1
850_BK	850 BK
CAV_8	8
850_BK	850 BK
CAV_2	2
850_BK	850 BK
CAV_B	B
CONN_X1	X1
850_BK	850 BK
CAV_B	B
CONN_X2	X2
850_BK	850 BK
CAV_G402	G402
CAV_10	10
C3U	ROOF-SUN, GLASS, SLIDING, ELEC, TRANSPARENT GLASS FIXED
UG1	OPENER-GARAGE DOOR, UNIVERSAL
850_BK	850 BK
850_BK	850 BK
850_BK	850 BK
CAV_1	1
C3U	ROOF-SUN, GLASS, SLIDING, ELEC, TRANSPARENT GLASS FIXED
C3U	ROOF-SUN, GLASS, SLIDING, ELEC, TRANSPARENT GLASS FIXED
C3U	ROOF-SUN, GLASS, SLIDING, ELEC, TRANSPARENT GLASS FIXED
U42	ENTERTAINMENT PKG-REAR SEAT, SINGLE DISPLAY, REM CONTROL, AUX JACK, 2-WIRELESS DUAL CHANNEL HEADPHONES
UE1	COMMUNICATION SYSTEM-VEHICLE, ONSTAR
DD8	MIRROR I/S R/V-LT SENSITIVE
	MIRROR O/S-LH and RH, REM CONTROL, ELECTRIC, HEATED, PWR

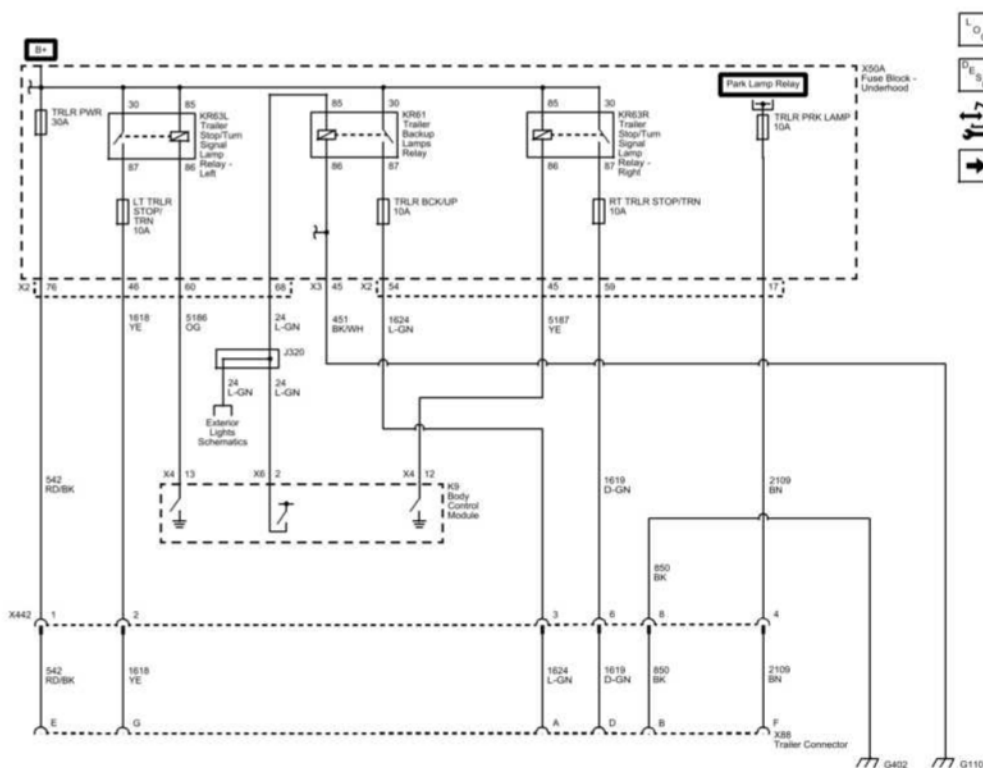
2014 GMC Acadia Denali

2014 ELECTRICAL Wiring Systems and Power Management - Schematic and Routing Diagrams - Acadia, Enclave And Traverse

DNP	FOLDING, TURN SIG IND, LT SENSITIVE/DRIVER, COLOR
G REF	G
X343	X343
J328	J328
X398	X398
J326	J326
K61	K61 Sunroof Control Module ((C3U))
S72	S72 Sunroof Switch ((C3U))
S25	S25 Garage Door Opener ((UG1))
A3L	A3L Sunshade - Left
A3R	A3R Sunshade - Right
K18	K18 Compass Module ((U80))
A10	A10 Inside Rearview Mirror
E37E	E37E Dome/Reading Lamps - Front Overhead Console
E37C	E37C Dome/Reading Lamps - 3rd Row
E37B	E37B Dome/Reading Lamps - 2nd Row

TRAILER CONNECTOR/PROVISION SCHEMATICS

Trailer Connector (V92)



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Fig. 71: Trailer Connector (V92) Wiring Schematics
 Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
542	Battery Positive Voltage
542_RD/BK	542 RD/BK
CAV_E	E
1618	Left Rear Trailer Stop/Turn Lamp Supply Voltage
1618_YE	1618 YE
CAV_46	46
5186	Left Trailer Turn Signal Lamp
5186_OG	5186 OG
CAV_13	13
CONN_X4	X4
CAV_60	60
24	Backup Lamp Supply Voltage
24_L-GN	24 L-GN
CAV_2	2
CONN_X6	X6
CAV_68	68
451	Signal Ground
451_BK/WH	451 BK/WH
CAV_45	45
CONN_X3	X3
1624	Trailer Backup Lamp Supply Voltage
1624_L-GN	1624 L-GN
CAV_54	54
CONN_X2	X2
5187	Right Trailer Turn Signal Lamp
5187_YE	5187 YE
CAV_12	12
CONN_X4	X4
CAV_45	45
1619	Right Rear Trailer Stop/Turn Lamp Supply Voltage
1619_D-GN	1619 D-GN
CAV_59	59
2109	Trailer Park Lamp Supply Voltage
2109_BN	2109 BN
CAV_17	17
850	Ground
850_BK	850 BK

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CAV_76	76
CONN_X2	X2
24_L-GN	24 L-GN
1618_YE	1618 YE
542_RD/BK	542 RD/BK
1624_L-GN	1624 L-GN
1619_D-GN	1619 D-GN
850_BK	850 BK
2109_BN	2109 BN
24_L-GN	24 L-GN
CAV_G	G
CAV_A	A
CAV_D	D
CAV_B	B
CAV_4	4
CAV_F	F
X442	X442
CAV_1	1
CAV_2	2
CAV_3	3
CAV_6	6
CAV_8	8
G110	G110
G402	G402
TRLR	TRLR PWR 30A
LT	LT TRLR STOP/ TRN 10A
TRLR	TRLR BCK/UP 10A
RT	RT TRLR STOP/TRN 10A
TRLR	TRLR PRK LAMP 10A
J320	J320
X442	X442
K9	K9 Body Control Module
X50A	X50A Fuse Block - Underhood
Exterior_Lights_Schematics_REF	Exterior Lights Schematics
KR63L	Trailer Stop/Turn Signal Lamp Relay - Left
KR61	Trailer Backup Lamps Relay
KR63R	Trailer Stop/Turn Signal Lamp Relay - Right
X88	X88 Trailer Connector

Trailer Brake Provisions (V92)

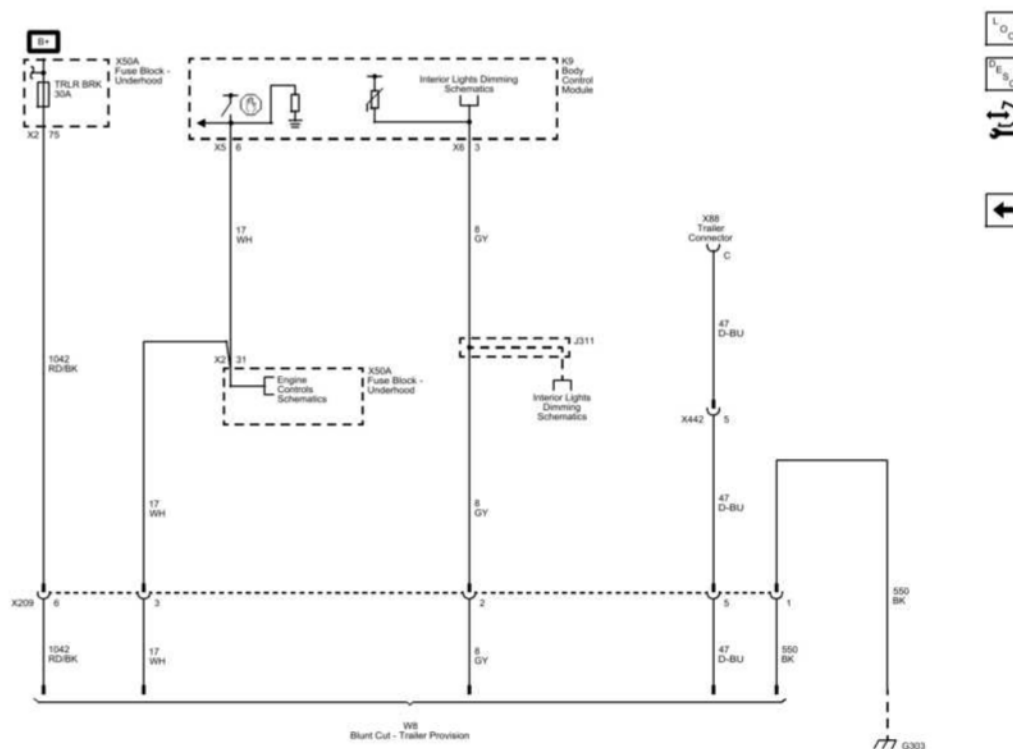


Fig. 72: Trailer Brake Provisions (V92) Wiring Schematics
Courtesy of GENERAL MOTORS COMPANY

Callout	Component Name
1042	Battery Positive Voltage
1042_RD/BK	1042 RD/BK
CAV_75	75
CONN_X2	X2
1042_RD/BK	1042 RD/BK
17	Stop Lamp Switch Signal
17_WH	17 WH
CAV_31	31
CONN_X2	X2
CAV_6	6
CONN_X5	X5
17_WH	17 WH
17_WH	17 WH
8	Instrument Panel Lamp Supply Voltage (1)
8_GY	8 GY
CAV_3	3

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CONN_X6	X6
8_GY	8 GY
8_GY	8 GY
47	Trailer Auxiliary Supply Voltage
47_D-BU	47 D-BU
47_D-BU	47 D-BU
47_D-BU	47 D-BU
CAV_5	5
550	Ground
550_BK	550 BK
550_BK	550 BK
CAV_C	C
X209	X209
CAV_5	5
CAV_1	1
CAV_2	2
CAV_3	3
CAV_6	6
G303	G303
TRLR	TRLR BRK 30A
X442	X442
J311	J311
X209	X209
X50A	X50A Fuse Block - Underhood
Engine_Controls_Schematics_REF	Engine Controls Schematics
Interior_Lights_Dimming_Schematics_REF	Interior Lights Dimming Schematics
K9	K9 Body Control Module
X88	X88 Trailer Connector
X50A	X50A Fuse Block - Underhood
W8	W8 Blunt Cut - Trailer Provision
Interior_Lights_Dimming_Schematics_REF	Interior Lights Dimming Schematics