

2007 Cadillac Escalade

2007 ACCESSORIES & EQUIPMENT Power Outlets - Avalanche, Escalade, Suburban, Tahoe & Yukon

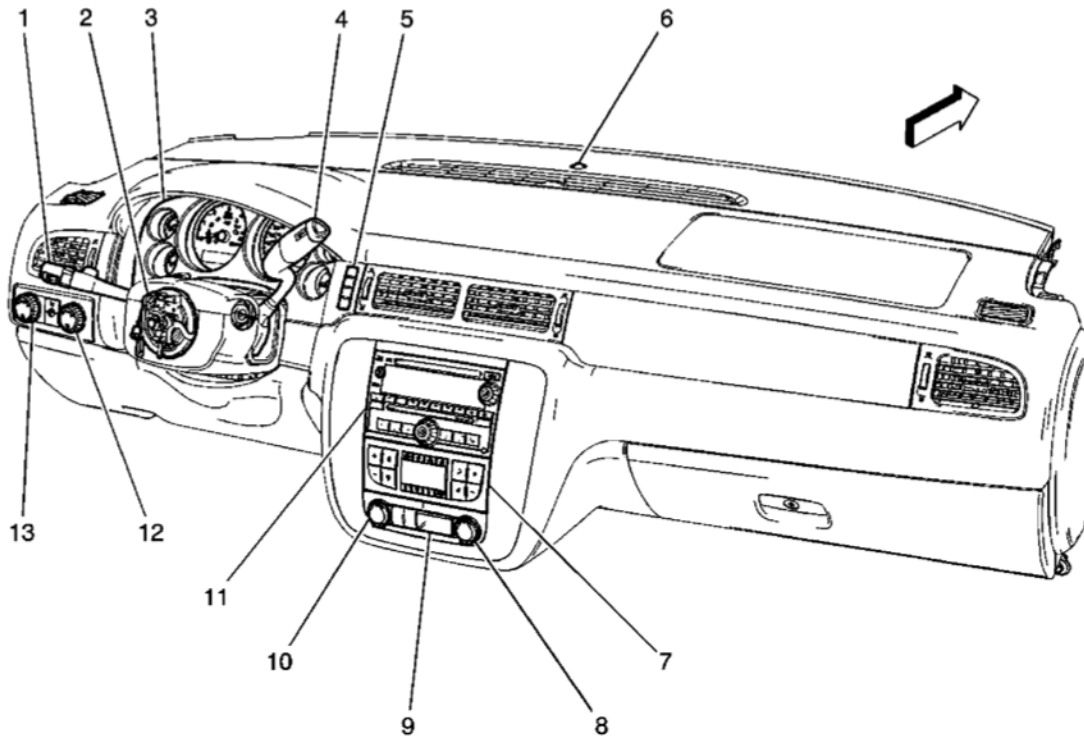


Fig. 2: Front of the I/P (Except Z75)

Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 2

Callout	Component Name
1	Turn Signal Multifunction Switch
2	Inflatable Restraint Steering Wheel Module Coil
3	Instrument Panel Cluster (IPC)
4	Tow/Haul Switch
5	Driver Information Center (DIC) Switch
6	Ambient Light/Sunload Sensor Assembly (CJ2) or Ambient Light Sensor (CJ3)
7	HVAC Control Module
8	Auxiliary Power Outlet - Front 2
9	I/P Multifunction Switch Assembly
10	Auxiliary Power Outlet - Front 1
11	Radio
12	Transfer Case Shift Control Switch
13	Headlamp and Panel Dimmer Switch

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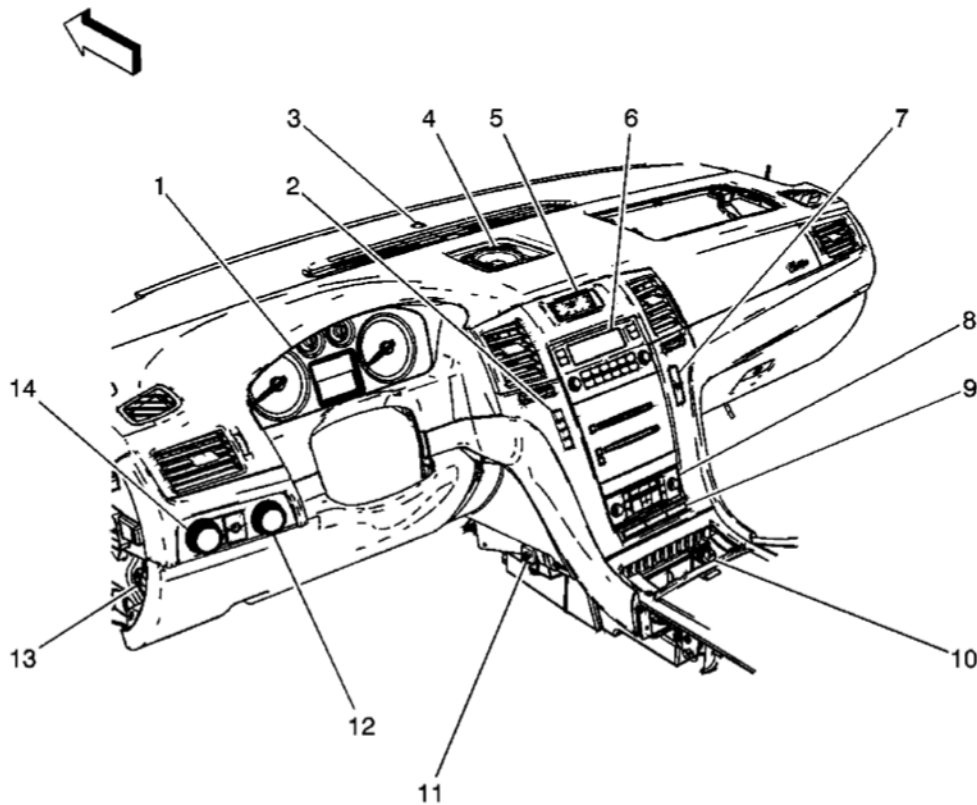


Fig. 3: Front of the I/P (Z75)

Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 3

Callout	Component Name
1	Instrument Panel Cluster (IPC)
2	Driver Information Center (DIC) Switch
3	Ambient Light/Sunload Sensor Assembly (CJ2)
4	Speaker - Center
5	Analog Clock
6	Radio
7	Traction Control / Rear Object Detection Switch
8	HVAC Control Module
9	I/P Multifunction Switch Assembly
10	Auxiliary Power Outlet - Front 1
11	Noise Compensation Microphone (Y91)
12	Transfer Case Shift Control Switch

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13	Fuse Block - I/P
14	Headlamp and Panel Dimmer Switch

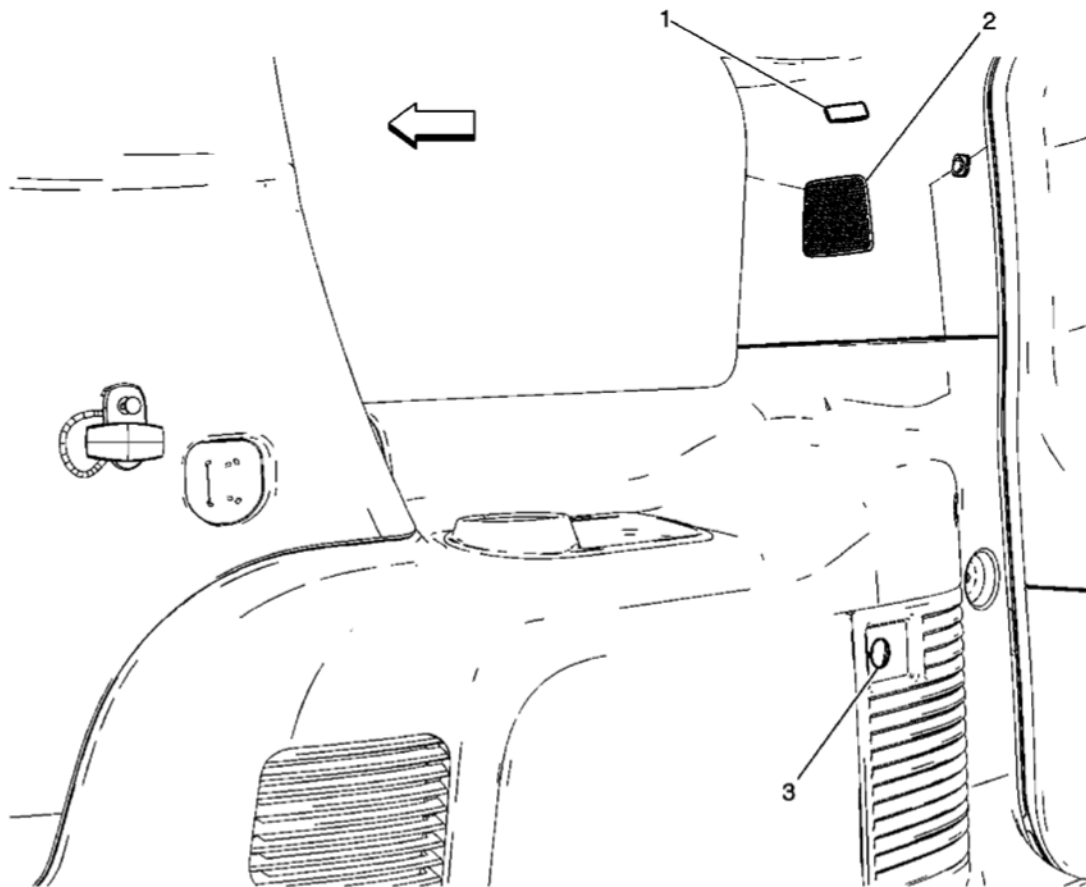


Fig. 4: RR of the Passenger Compartment (E52)
Courtesy of GENERAL MOTORS CORP.

Callouts For Fig. 4

Callout	Component Name
1	Information Center Telltale Assembly (UD7)
2	Speaker - Right D-Pillar
3	Auxiliary Power Outlet (APO) - Rear

POWER OUTLET CONNECTOR END VIEWS

Auxiliary Power Outlet - Front 1

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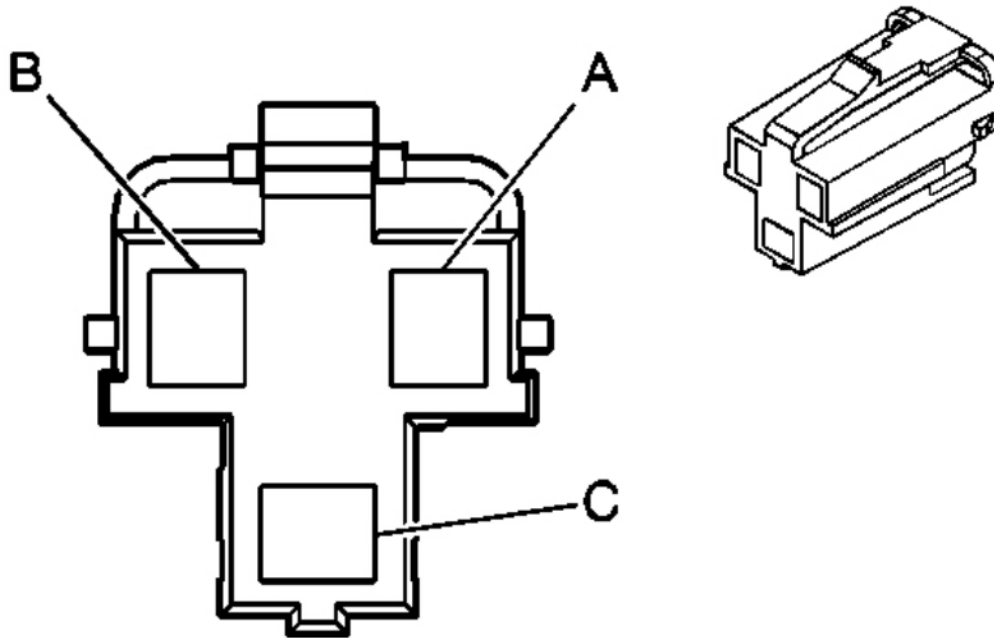


Fig. 5: Auxiliary Power Outlet - Front 1 Connector End View
Courtesy of GENERAL MOTORS CORP.

Auxiliary Power Outlet - Front 1 Connector Parts Information

Connector Part Information

- OEM: 12176836
- Service: 15305923
- Description: 3-Way F Metri-Pack 280 Series (GY)

Terminal Part Information

- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Auxiliary Power Outlet - Front 1 Connector Terminal Identification

Pin	Wire Color	Circuit No.	Function
A	RD/WH	640	Battery Positive Voltage
B	-	-	Not Used

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C

BK

1050

Ground

Auxiliary Power Outlet - Front 2 (X88/Z88)

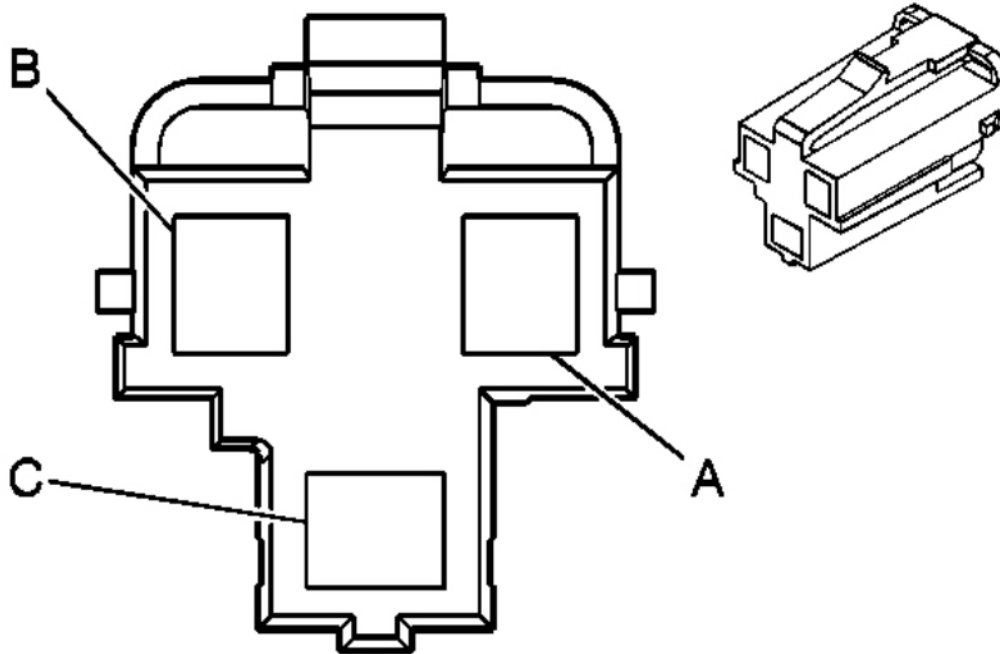


Fig. 6: Auxiliary Power Outlet - Front 2 (X88/Z88) Connector End View

Courtesy of GENERAL MOTORS CORP.

Auxiliary Power Outlet - Front 2 (X88/Z88) Connector Parts Information

Connector Part Information

- OEM: 12176446
- Service: 15305923
- Description: 3-Way F Metri-Pack 280 Series, Flexlock (BK)

Terminal Part Information

- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Auxiliary Power Outlet - Front 2 Connector Terminal Identification

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Pin	Wire Color	Circuit No.	Function
A	RD/WH	1040	Battery Positive Voltage
B	-	-	Not Used
C	BK	1050	Ground

Auxiliary Power Outlet (APO) - Bin

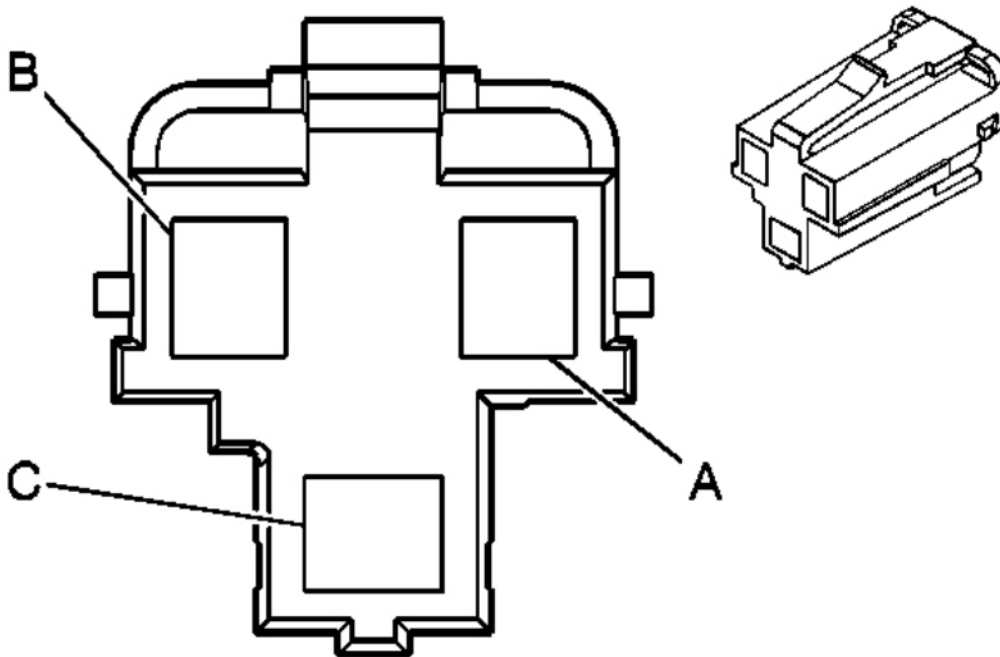


Fig. 7: Auxiliary Power Outlet (APO) - Bin Connector End View
Courtesy of GENERAL MOTORS CORP.

Auxiliary Power Outlet (APO) - Bin Connector Parts Information

Connector Part Information

- OEM: 12176446
- Service: 15305923
- Description: 3-Way F Metri-Pack 280 Series, Flexlock (BK)

Terminal Part Information

- Terminal/Tray: 12110844/4

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- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Auxiliary Power Outlet (APO) - Bin Connector Terminal Identification

Pin	Wire Color	Circuit No.	Function
A	RD/WH	1040	Battery Positive Voltage
B	-	-	Not Used
C	BK	1050	Ground

Auxiliary Power Outlet (APO) Console

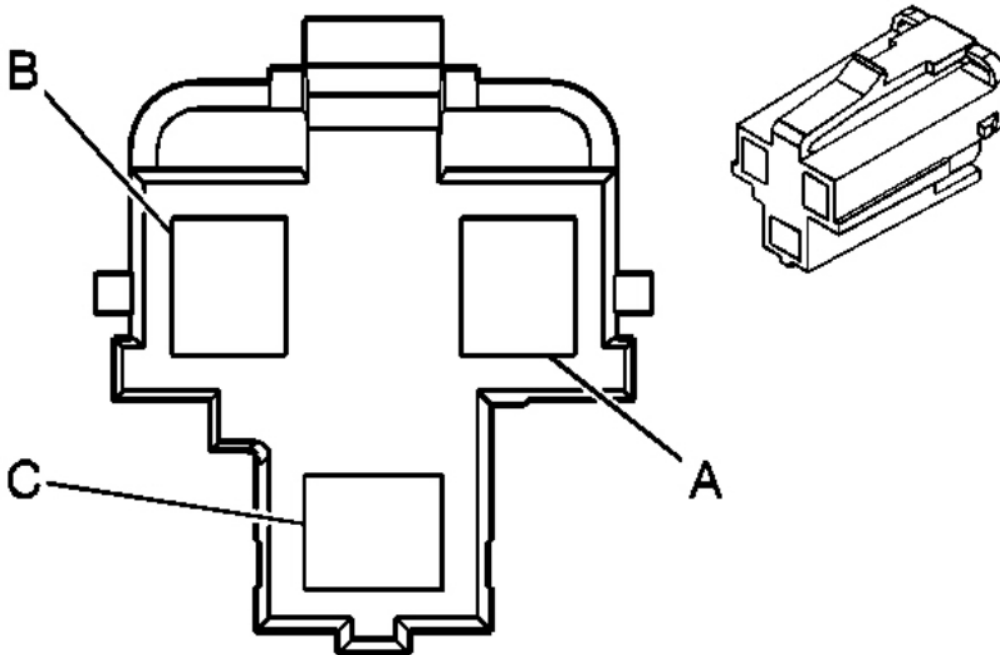


Fig. 8: Auxiliary Power Outlet (APO) Console Connector End View
Courtesy of GENERAL MOTORS CORP.

Auxiliary Power Outlet (APO) Console Connector Parts Information

Connector Part Information

- OEM: 12176446
- Service: 15305923

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- Description: 3-Way F Metri-Pack 280 Series, Flexlock (BK)

Terminal Part Information

- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Auxiliary Power Outlet (APO) Console Connector Terminal Identification

Pin	Wire Color	Circuit No.	Function
A	RD/WH	1040	Battery Positive Voltage
B	-	-	Not Used
C	BK	1050	Ground

Auxiliary Power Outlet (APO) - Rear (E52)

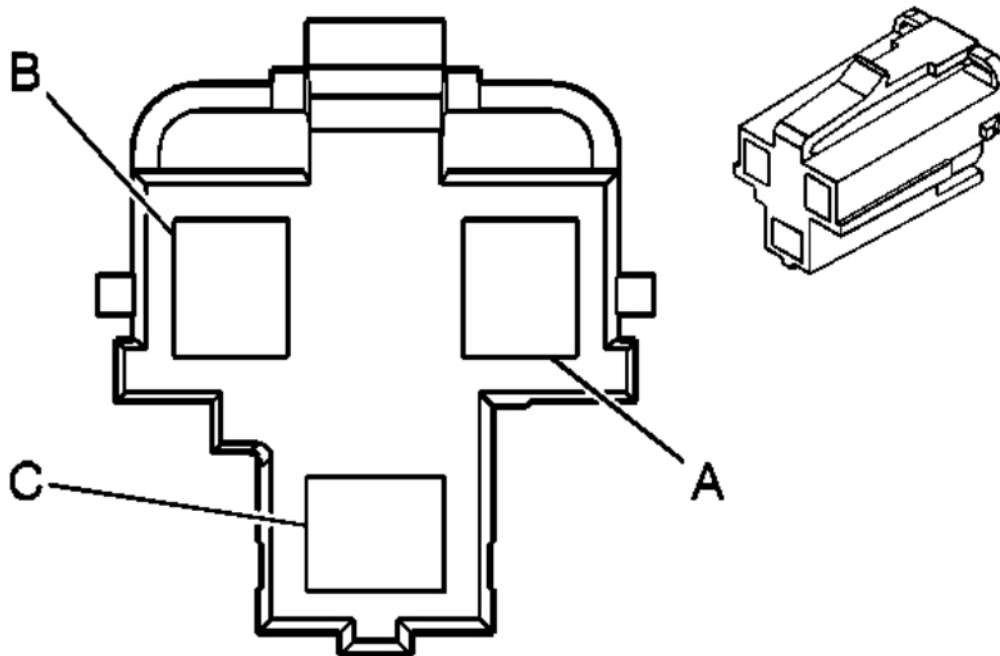


Fig. 9: Auxiliary Power Outlet (APO) - Rear (E52) Connector End View
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Auxiliary Power Outlet (APO) - Rear (E52) Connector Parts Information

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Connector Part Information

- OEM: 12176446
- Service: 15305923
- Description: 3-Way F Metri-Pack 280 Series, Flexlock (BK)

Terminal Part Information

- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Auxiliary Power Outlet (APO) - Rear (E52) Connector Terminal Identification

Pin	Wire Color	Circuit No.	Function
A	RD/WH	6040	Battery Positive Voltage
B	-	-	Not Used
C	BK	1450	Ground

REPAIR INSTRUCTIONS

CIGAR LIGHTER RECEPTACLE OR 12-VOLT ACCESSORY POWER RECEPTACLE REPLACEMENT

Tools Required

J 42059 Cigar Lighter Socket Remover. See Special Tools.

Removal Procedure

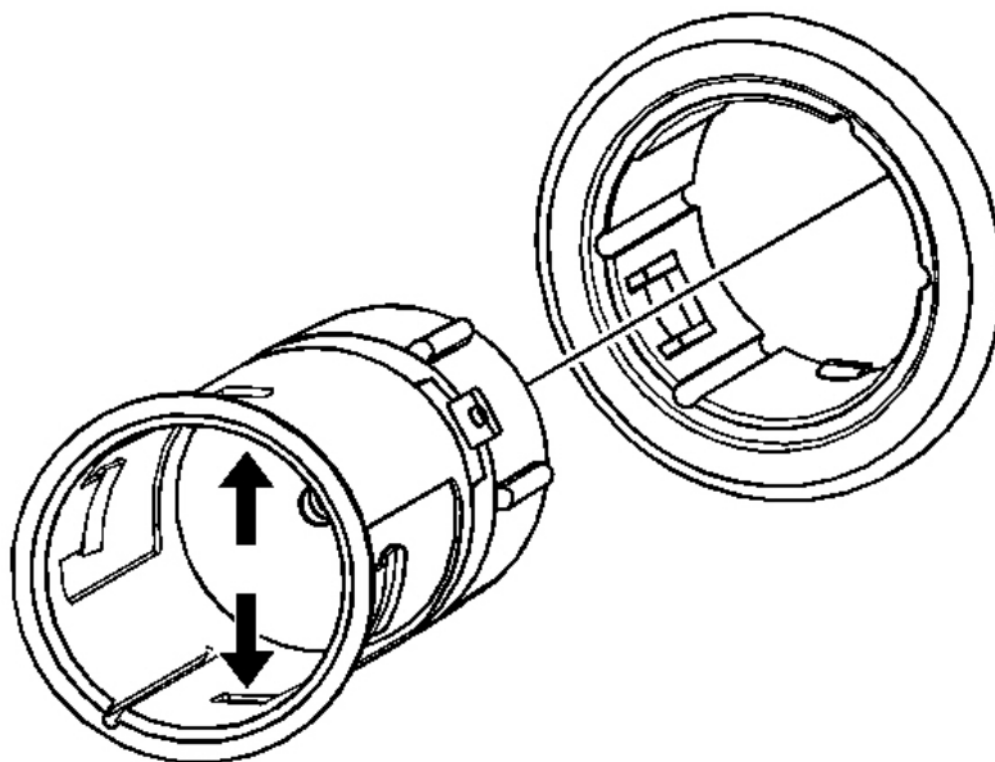


Fig. 10: View Of Auxiliary Power Outlet Fuse From Fuse Block
Courtesy of GENERAL MOTORS CORP.

1. Remove the auxiliary power outlet fuse from the fuse block.
2. Remove the receptacle:
 1. Look into the receptacle. There are two 3 mm (0.11 in) tab windows 12 mm (0.47 in) from the front of the receptacle. The **J 42059** pushes the plastic latches from these tab windows and the receptacle can be pulled straight out. See **Special Tools**.
 2. Place one side of the "T" portion of the **J 42059** into the tab window. See **Special Tools**. The **J 42059** will not fit straight into the receptacle. See **Special Tools**. Angle the **J 42059** slightly for insertion into the receptacle. See **Special Tools**.
 3. Insert the other side of the "T" into the opposite tab window.

You must move the **J 42059** handle toward horizontal to engage the other tab window. See **Special Tools**.

4. Use the **J 42059** to pull the receptacle straight out. See **Special Tools**.

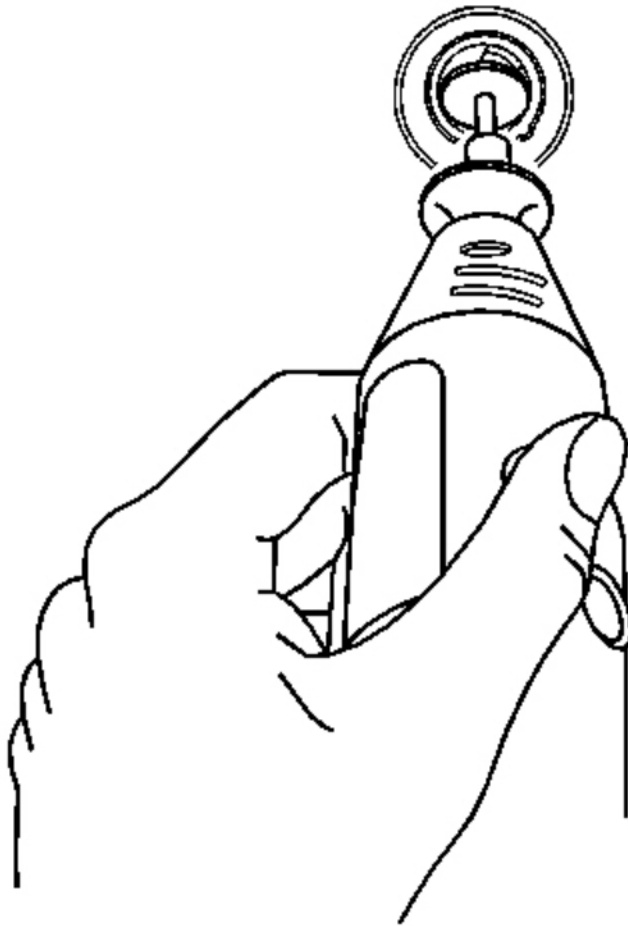


Fig. 11: Removing Cigar Housing Using Grinding Tool
Courtesy of GENERAL MOTORS CORP.

3. If **J 42059** tool fails to release the lighter socket from the retainer, perform the following alternate method. See **Special Tools**.
 1. Insert a small grinding tool with a cutoff wheel into the socket.
 2. Remove the plastic latches in the 3 mm (0.11 in) square windows.
 3. Use the **J 42059** as directed above to remove the socket. See **Special Tools**.

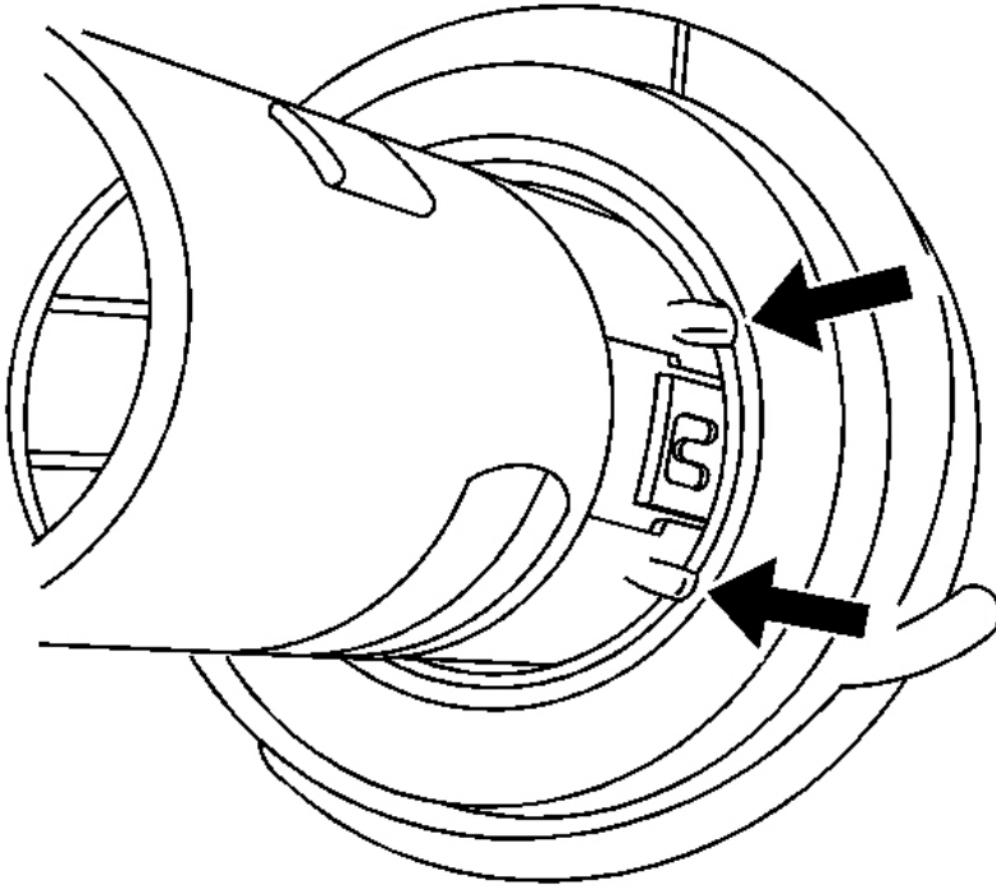


Fig. 12: View Of Receptacle Tabs & Retainer Slots
Courtesy of GENERAL MOTORS CORP.

1. Route the connector through the retainer. Align the accessory power receptacle retainer to the slot in the opening.
2. Install the retainer by pressing into place fully seated.
3. Connect the electrical connector to the receptacle.
4. Align the tabs on the receptacle to the slots in the retainer. Install the accessory power receptacle by pressing into place until fully seated.
5. Install the accessory power receptacle fuse.

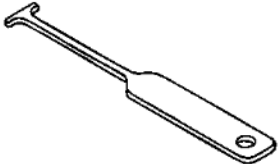
SPECIAL TOOLS AND EQUIPMENT

SPECIAL TOOLS

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Special Tools

Illustration	Tool Number/ Description
	J 42059 Cigar Lighter Socket Remover