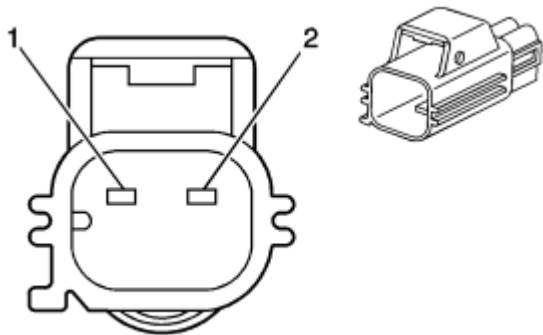


## Component Connector End Views

Document ID: 2453225

A/C Compressor Clutch



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### Connector Part Information

- OEM: 7282-5548-30
- Service: 88953303
- Description: 2-Way M YESC Weather Pack (BK)

### Terminal Part Information

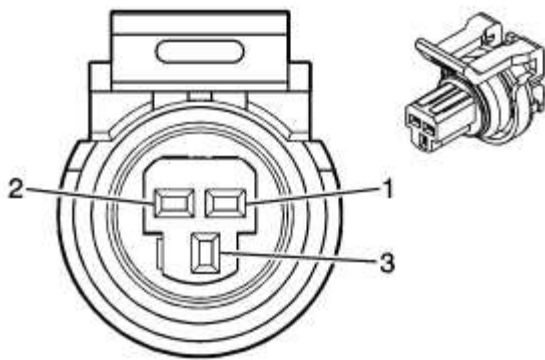
- Terminal/Tray: 7114-4103-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-3 (GY)

### A/C Compressor Clutch

Pin	Wire	Circuit	Function
1	0.5 D-GN	59	A/C Compressor Clutch Supply Voltage
2	1 BK	1050	Ground

### 08 Acadia A/C Refrigerant Pressure Sensor - A/C Refrigerant Pressure Sensor

A/C Refrigerant Pressure Sensor



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### Connector Part Information

- OEM: 15477863
- Service: 88988301
- Description: 3-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

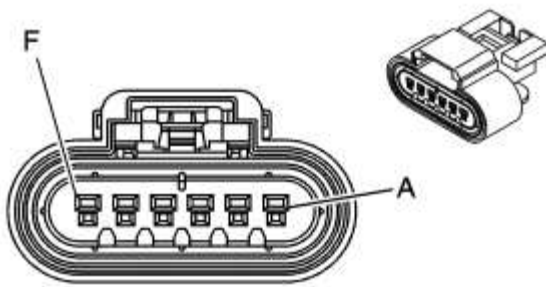
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### A/C Refrigerant Pressure Sensor

Pin	Wire	Circuit	Function
1	0.5 TN	5514	Low Reference
2	0.5 GY	2700	5-Volt Reference
3	0.5 OG/BK	380	A/C Refrigerant Pressure Sensor Signal

### 08 Acadia Accelerator Pedal Position (APP) Sensor (LY7) - Accelerator Pedal Position (APP) Sensor (LY7)

Accelerator Pedal Position (APP) Sensor (LY7)



[Click here for full size](#)

### Connector Part Information

- OEM: 15326830
- Service: 88988944
- Description: 6-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

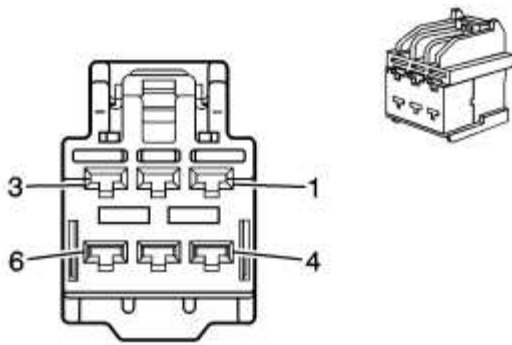
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Accelerator Pedal Position (APP) Sensor (LY7)

Pin	Wire	Circuit	Function
A	0.35 PU	1272	Low Reference
B	0.35 L-BU	1162	APP Sensor 2 Signal
C	0.35 TN	1274	5-Volt Reference
D	0.35 BN	1271	Low Reference
E	0.35 D-BU	1161	APP Sensor 1 Signal
F	0.35 WH/BK	1164	5-Volt Reference

### 08 Acadia Accessory AC/DC Power Control Module X1 (KV1) - Accessory AC/DC Power Control Module X1 (KV1)

Accessory AC/DC Power Control Module X1 (KV1)



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### Connector Part Information

- OEM: 6098-4542
- Service: See Catalog
- Description: 6-Way F 2.8 Series (OG)

### Terminal Part Information

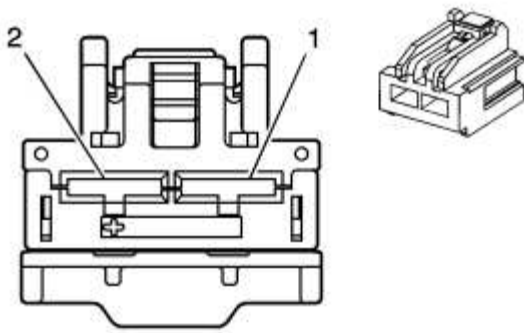
- Terminal/Tray: 8100-4444/22
- Core/Insulation Crimp: 2/A
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)

### Accessory AC/DC Power Control Module X1 (KV1)

Pin	Wire	Circuit	Function
1	—	—	Not Used
2	0.8 D-BU	6807	120 VAC Inverter Control
3	—	—	Not Used
4	0.8 RD	5684	120 VAC Phase B
5	—	—	Not Used
6	0.8 BK	5683	120 VAC Phase A

### 08 Acadia Accessory AC/DC Power Control Module X2 (KV1) - Accessory AC/DC Power Control Module X2 (KV1)

Accessory AC/DC Power Control Module X2 (KV1)



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### Connector Part Information

- OEM: 6098-4539
- Service: 88987988
- Description: 2-Way F Receptacle 6.3 Series (BK)

### Terminal Part Information

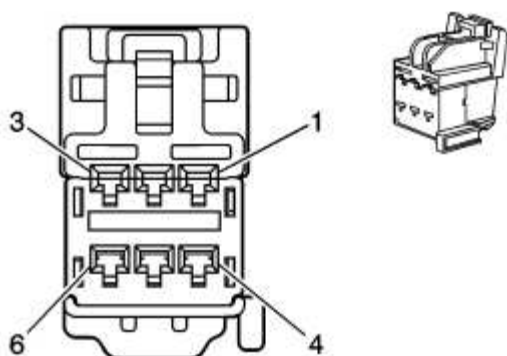
- Terminal/Tray: 7116-4122-02/10
- Core/Insulation Crimp: A/B
- Release Tool/Test Probe: 12094430/J-35616-42 (RD)

### Accessory AC/DC Power Control Module X2 (KV1)

Pin	Wire	Circuit	Function
1	3 BK	650	Ground
2	3 RD/WH	2740	Battery Positive Voltage

### 08 Acadia Accessory Power Outlet - 110V AC (KV1) - Accessory Power Outlet - 110V AC (KV1)

Accessory Power Outlet - 110V AC (KV1)



[Click here for full size](#)

### Connector Part Information

- OEM: 6098-4536
- Service: See Catalog
- Description: 6-Way F 1.5 (OG)

### Terminal Part Information

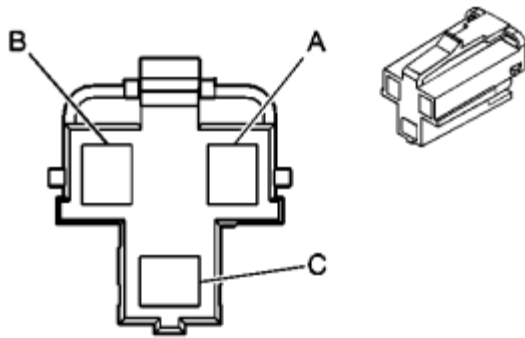
- Pins: 1, 3, 6
- Terminal/Tray: 8240-0128/22
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)
- Pins: 4
- Terminal/Tray: 8240-0127/22
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Accessory Power Outlet - 110V AC (KV1)

Pin	Wire	Circuit	Function
1	0.8 D-BU	6807	120 VAC Inverter Control
2	—	—	Not Used
3	0.8 RD	5684	120 VAC Phase B
4	0.35 YE	43	Ignition Voltage
5	—	—	Not Used
6	0.8 BK	5683	120 VAC Phase A

### 08 Acadia Accessory Power Outlet - Center Console - Accessory Power Outlet - Center Console

## Accessory Power Outlet - Center Console



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## Connector Part Information

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

## Terminal Part Information

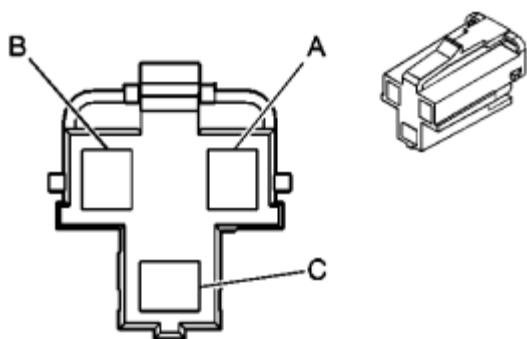
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)


## Accessory Power Outlet - Center Console

Pin	Wire	Circuit	Function
A	1 RD/WH	2540	Battery Positive Voltage
B	—	—	Not Used
C	1 BK	750	Ground

### 08 Acadia Accessory Power Outlet - Center Console Compartment - Accessory Power Outlet - Center Console Compartment

Accessory Power Outlet - Center Console Compartment



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#### 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)

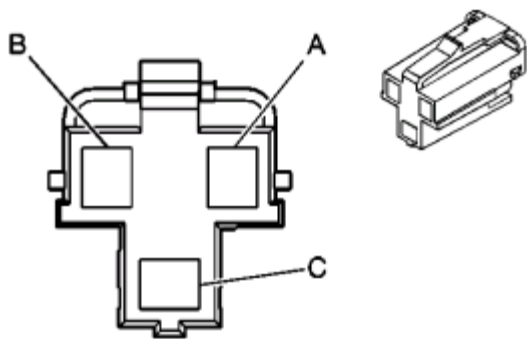
#### Accessory Power Outlet - Center Console Compartment

Pin	Wire	Circuit	Function
A	1 RD/WH	2540	Battery Positive Voltage
B	—	—	Not Used
C	1 BK	750	Ground

#### 08 Acadia Accessory Power Outlet - I/P - Accessory Power Outlet - I/P

Accessory Power Outlet - I/P





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#### Connector Part Information

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

#### Terminal Part Information

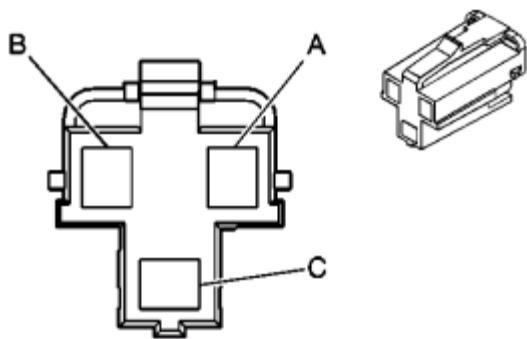
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)


#### Accessory Power Outlet - I/P

Pin	Wire	Circuit	Function
A	1 RD/WH	2540	Battery Positive Voltage
B	—	—	Not Used
C	1 BK	750	Ground

#### 08 Acadia Accessory Power Outlet - Rear - Accessory Power Outlet - Rear

Accessory Power Outlet - Rear



 [Click here for full size](#)

#### Connector Part Information

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

#### Terminal Part Information

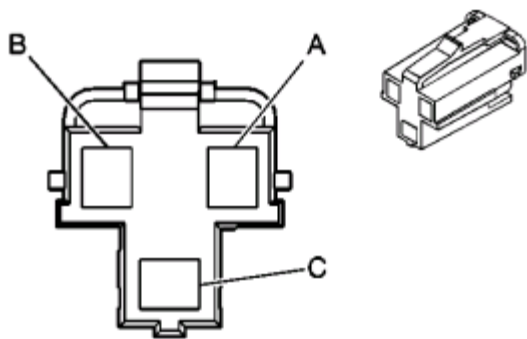
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

#### Accessory Power Outlet - Rear

Pin	Wire	Circuit	Function
A	1 RD/WH	140	Battery Positive Voltage
B	—	—	Not Used
C	1 BK	650	Ground

#### 08 Acadia Accessory Power Outlet - Rear Console (DK1) - Accessory Power Outlet - Rear Console (DK1)

Accessory Power Outlet - Rear Console (DK1)



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#### Connector Part Information

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

#### Terminal Part Information

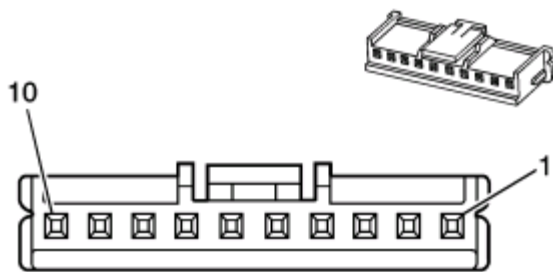
- Terminal/Tray: 12110844/4
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

#### Accessory Power Outlet - Rear Console (DK1)

Pin	Wire	Circuit	Function
A	1 RD/WH	140	Battery Positive Voltage
B	—	—	Not Used
C	1 BK	750	Ground

#### 08 Acadia Adaptive Forward Lighting (AFL) Motor - Left (TSH) - Adaptive Forward Lighting (AFL) Motor - Left (TSH)

Adaptive Forward Lighting (AFL) Motor - Left (TSH)



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### Connector Part Information

- OEM: XAP-10V
- Service: See Catalog
- Description: 10-Way F XA Series (WH)

### Terminal Part Information

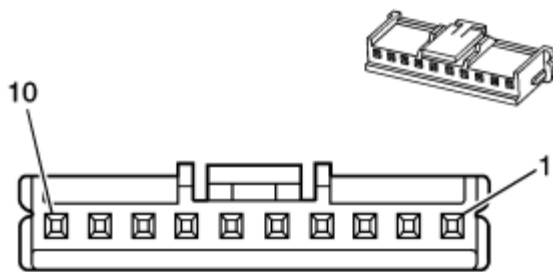
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Adaptive Forward Lighting (AFL) Motor - Left (TSH)

Pin	Wire	Circuit	Function
1	0.35 GY	—	Left Headlamp High Beam Supply Voltage
2	0.35 BK	—	Ground
3	0.35 RD	—	Battery Positive Voltage
4	0.35 BK	—	Ground
5	0.35 OG	—	Linear Interconnect Network (LIN)
6-10	—	—	Not Used

### 08 Acadia Adaptive Forward Lighting (AFL) Motor - Right (TSH) - Adaptive Forward Lighting (AFL) Motor - Right (TSH)

Adaptive Forward Lighting (AFL) Motor - Right (TSH)



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### Connector Part Information

- OEM: XAP-10V
- Service: See Catalog
- Description: 10-Way F XA Series (WH)

### Terminal Part Information

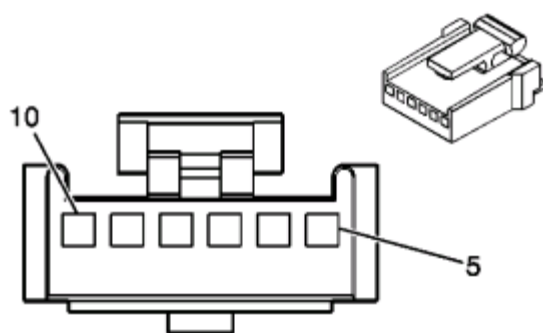
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Adaptive Forward Lighting (AFL) Motor - Right (TSH)

Pin	Wire	Circuit	Function
1	0.35 GY	—	Right Headlamp High Beam Supply Voltage
2	0.35 BK	—	Ground
3	0.35 RD	—	Battery Positive Voltage
4	0.35 BK	—	Ground
5	0.35 OG	—	Linear Interconnect Network (LIN)
6-10	—	—	Not Used

### 08 Acadia Air Temperature Actuator - Auxiliary - Air Temperature Actuator - Auxiliary

Air Temperature Actuator - Auxiliary



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### Connector Part Information

- OEM: 12064993
- Service: 12102485
- Description: 6-Way F Micro-Pack 100 Series (BK)

### Terminal Part Information

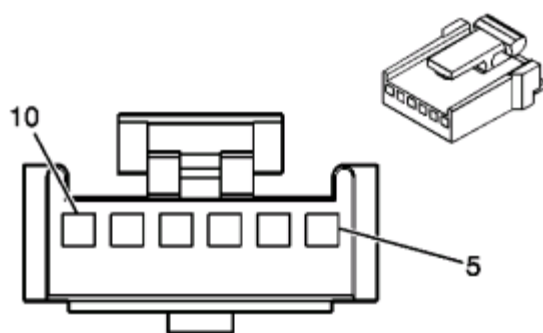
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

### Air Temperature Actuator - Auxiliary

Pin	Wire	Circuit	Function
5	0.35 GY	2614	Auxiliary Air Temperature Door Control
6	0.35 BN	6555	Auxiliary Temperature Motor Supply Voltage
7	—	—	Not Used
8	0.35 GY/BK	1798	Low Reference
9	0.35 PK	2145	Auxiliary Air Temperature Door Position Signal
10	0.35 GY	596	5-Volt Reference

### 08 Acadia Air Temperature Actuator - Left (CJ2) - Air Temperature Actuator - Left (CJ2)

Air Temperature Actuator - Left (CJ2)



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### Connector Part Information

- OEM: 12064993
- Service: 12102485
- Description: 6-Way F Micro-Pack 100 Series (BK)

### Terminal Part Information

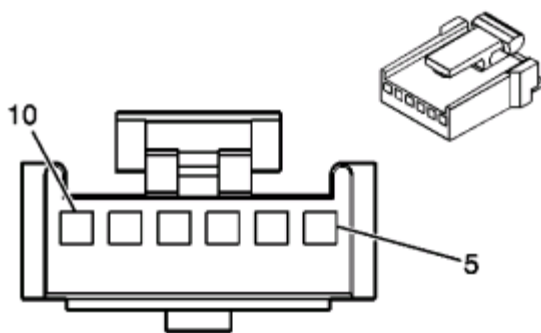
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

### Air Temperature Actuator - Left (CJ2)

Pin	Wire	Circuit	Function
5	0.35 D-BU	1199	Air Temperature Door Control
6	0.35 L-GN	2210	Air Temperature Door Control
7	—	—	Not Used
8	0.35 YE	1791	Low Reference
9	0.35 L-BU	733	Air Temperature Door Position Signal
10	0.35 GY	598	5-Volt Reference

### 08 Acadia Air Temperature Actuator - Right (CJ2) - Air Temperature Actuator - Right (CJ2)

Air Temperature Actuator - Right (CJ2)



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### Connector Part Information

- OEM: 12064993
- Service: 12102485
- Description: 6-Way F Micro-Pack 100 Series (BK)

### Terminal Part Information

- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

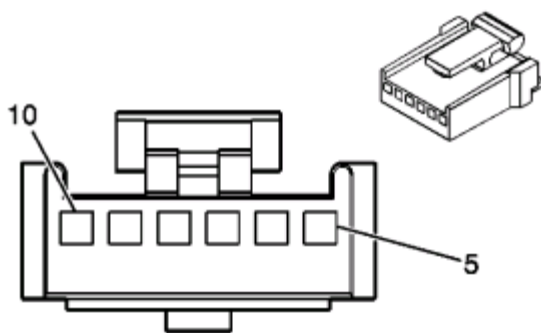
### Air Temperature Actuator - Right (CJ2)

Pin	Wire	Circuit	Function
5	0.35 WH/BK	1236	Auxiliary Air Temperature Door Control
6	0.35 GY/BK	2778	Right Air Temperature Door Control A
7	—	—	Not Used
8	0.35 YE	1791	Low Reference
9	0.35 D-BU	1646	Auxiliary Air Temperature Door Position Signal
10	0.35 GY	598	5-Volt Reference

### 08 Acadia Air Temperature Actuator (C67) - Air Temperature Actuator (C67)

Air Temperature Actuator (C67)





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### Connector Part Information

- OEM: 12064993
- Service: 12102485
- Description: 6-Way F Micro-Pack 100 Series (BK)

### Terminal Part Information

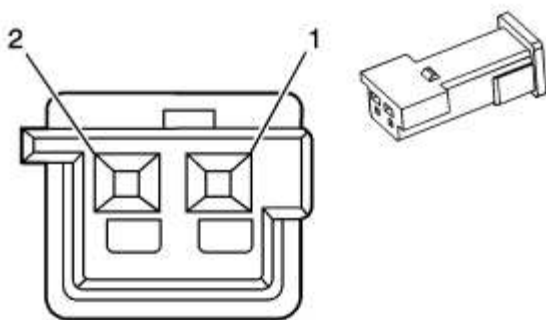
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

### Air Temperature Actuator (C67)

Pin	Wire	Circuit	Function
5	0.35 WH/BK	1236	Auxiliary Air Temperature Door Control
6	0.35 GY/BK	2778	Right Air Temperature Door Control A
7	—	—	Not Used
8	0.35 YE	1791	Low Reference
9	0.35 D-BU	1646	Auxiliary Air Temperature Door Position Signal
10	0.35 GY	598	5-Volt Reference

### 08 Acadia Air Temperature Sensor - Lower Left (CJ2) - Air Temperature Sensor - Lower Left (CJ2)

Air Temperature Sensor - Lower Left (CJ2)



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### Connector Part Information

- OEM: 1-968704-1
- Service: See Catalog
- Description: 2-Way F MQS Series (BK)

### Terminal Part Information

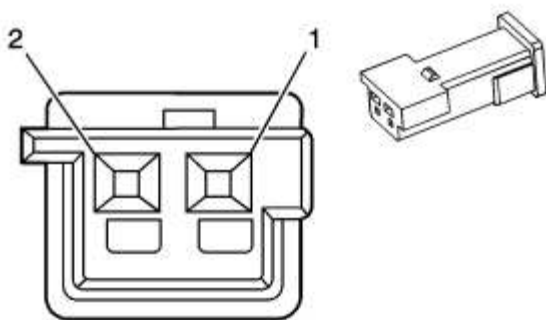
- Terminal/Tray: 928999-5/15
- Core/Insulation Crimp: H/H
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

### Air Temperature Sensor - Lower Left (CJ2)

Pin	Wire	Circuit	Function
1	0.35 TN	518	Lower Left Air Temperature Sensor Signal
2	0.35 TN	552	Low Reference

### 08 Acadia Air Temperature Sensor - Lower Right (CJ2) - Air Temperature Sensor - Lower Right (CJ20)

Air Temperature Sensor - Lower Right (CJ2)



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### Connector Part Information

- OEM: 1-968704-1
- Service: See Catalog
- Description: 2-Way F MQS Series (BK)

### Terminal Part Information

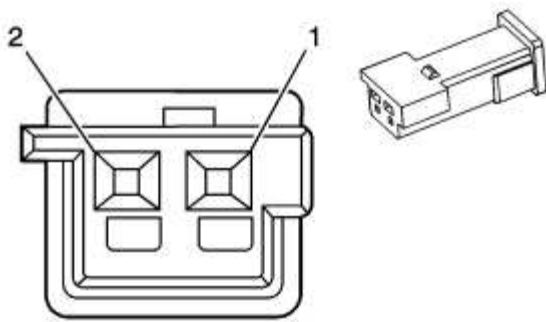
- Terminal/Tray: 928999-5/15
- Core/Insulation Crimp: H/H
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

### Air Temperature Sensor - Lower Right (CJ2)

Pin	Wire	Circuit	Function
1	0.35 TN	520	Lower Right Air Temperature Sensor Signal
2	0.35 TN	552	Low Reference

### 08 Acadia Air Temperature Sensor - Upper Left (CJ2) - Air Temperature Sensor - Upper Left (CJ2)

Air Temperature Sensor - Upper Left (CJ2)



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#### Connector Part Information

- OEM: 1-968704-1
- Service: See Catalog
- Description: 2-Way F MQS Series (BK)

#### Terminal Part Information

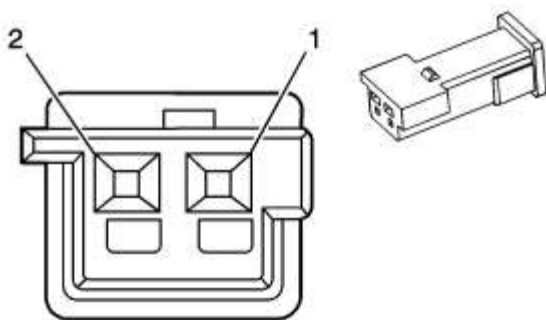
- Terminal/Tray: 928999-5/15
- Core/Insulation Crimp: H/H
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

#### Air Temperature Sensor - Upper Left (CJ2)

Pin	Wire	Circuit	Function
1	0.35 TN	516	Upper Left Air Temperature Sensor Signal
2	0.35 YE	61	Low Reference

#### 08 Acadia Air Temperature Sensor - Upper Right (CJ2) - Air Temperature Sensor - Upper Right (CJ2)

Air Temperature Sensor - Upper Right (CJ2)



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### Connector Part Information

- OEM: 1-968704-1
- Service: See Catalog
- Description: 2-Way F MQS Series (BK)

### Terminal Part Information

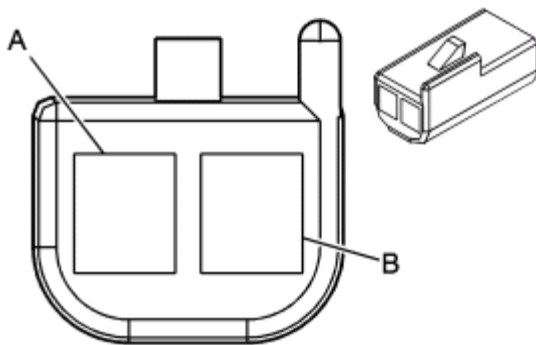
- Terminal/Tray: 928999-5/15
- Core/Insulation Crimp: H/H
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

### Air Temperature Sensor - Upper Right (CJ2)

Pin	Wire	Circuit	Function
1	0.35 TN	517	Upper Right Air Temperature Sensor Signal
2	0.35 YE	61	Low Reference

### 08 Acadia Ambient Light Sensor (C67) - Ambient Light Sensor (C67)

Ambient Light Sensor (C67)



[Click here for full size](#)

### Connector Part Information

- OEM: 12047662
- Service: 12085535
- Description: 2-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

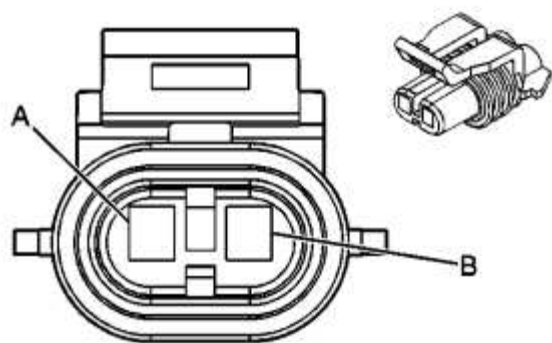
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Ambient Light Sensor (C67)

Pin	Wire	Circuit	Function
A	0.35 L-GN/BK	1137	DRL Ambient Light Sensor Signal
B	0.35 BK/WH	1551	Ground

### 08 Acadia Ambient Temperature Sensor - Ambient Temperature Sensor

Ambient Temperature Sensor



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### Connector Part Information

- OEM: 12052642
- Service: 12101856
- Description: 2-Way F Metri-Pack 150 Series, Sealed (L-GN)

### Terminal Part Information

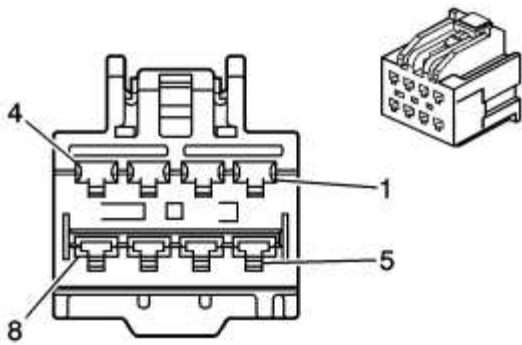
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Ambient Temperature Sensor

Pin	Wire	Circuit	Function
A	0.35 L-GN/BK	735	Ambient Air Temperature Sensor Signal
B	0.35 YE	61	Low Reference

### 08 Acadia Audio Amplifier X1 (UQA or UQS) - Audio Amplifier X1 (UQA or UQS)

Audio Amplifier X1 (UQA or UQS)



[Click here for full size](#)

### Connector Part Information

- OEM: 89047379
- Service: 19115652
- Description: 8-Way F Unsealed (L-GY)

### Terminal Part Information

- Pins: 1, 3, 5, 7
- Terminal/Tray: 8100-4444/22
- Core/Insulation Crimp: 2/A
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)
- Pins: 4, 8
- Terminal/Tray: 8100-4445/22
- Core/Insulation Crimp: Pins 4 - 4/4
- Core/Insulation Crimp: Pins 8 - F/D
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)

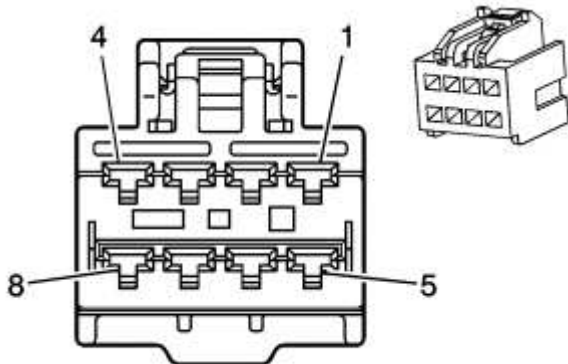
### Audio Amplifier X1 (UQA or UQS)

Pin	Wire	Circuit	Function
1	1 GY	118	Left Front Speaker Output (-)
3	1 L-GN/BK	1794	Subwoofer Speaker Output (-)
4	2 RD/WH	2040	Battery Positive Voltage
5	1 TN	201	Left Front Speaker Output (+)
6	-	-	Not Used
7	1 D-BU/WH	346	Subwoofer Speaker Output (+)
8	3 BK/WH	351	Ground



## 08 Acadia Audio Amplifier X1 (UQG) - Audio Amplifier X1 (UQG)

Audio Amplifier X1 (UQG)



[Click here for full size](#)

### Connector Part Information

- OEM: 15134093
- Service: 88988652
- Description: 8-Way F 2.8 Series (BK)

### Terminal Part Information

- Pins: 1, 5
- Terminal/Tray: 8100-4445/22
- Core/Insulation Crimp: 4/4
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)
- Pins: 3, 4, 7, 8
- Terminal/Tray: 8100-4443/22
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)

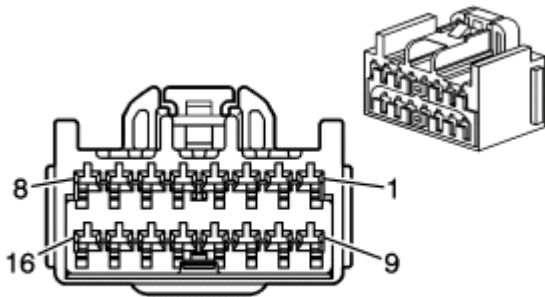
### Audio Amplifier X1 (UQG)

Pin	Wire	Circuit	Function
1	2 RD/WH	2040	Battery Positive Voltage
2	—	—	Not Used
3	0.5 D-BU/WH	346	Subwoofer Speaker Output (+)
4	0.5 D-GN	1795	Right Subwoofer Speaker Output (+)
5	2 BK/WH	351	Ground

6	—	—	Not Used
7	0.5 L-GN/BK	1794	Subwoofer Speaker Output (-)
8	0.5 L-BU/BK	315	Right Subwoofer Speaker Output (-)

## 08 Acadia Audio Amplifier X2 (UQA or UQS) - Audio Amplifier X2 (UQA or UQS)

Audio Amplifier X2 (UQA or UQS)



 [Click here for full size](#)

### Connector Part Information

- OEM: 15134091
- Service: See Catalog
- Description: 16-Way F 1.5 Series (BK)

### Terminal Part Information

- Pins: 1, 2, 7, 8, 15, 16
- Terminal/Tray: 8240-0128/22
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)
- Pins: 3-6
- Terminal/Tray: 8240-0127/22
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

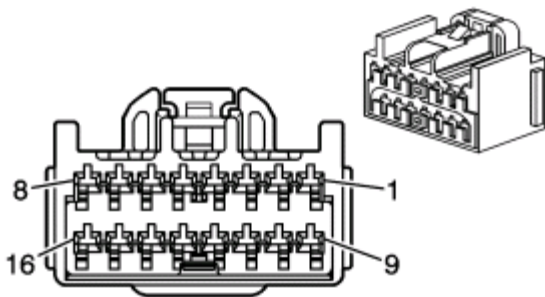
### Audio Amplifier X2 (UQA or UQS)

Pin	Wire	Circuit	Function
1	0.8 L-BU	115	Right Rear Speaker Output (-)

2	0.8 D-BU	46	Right Rear Speaker Output (+)
3	0.35 L-BU	1960	Front Center Speaker Output (-)
4	0.35 YE	1860	Front Center Speaker Output (+)
5	0.5 WH	1959	Left Rear Midrange Speaker Output (-)
6	0.5 TN	1859	Left Rear Midrange Speaker Output (+)
7	1 D-GN	117	Right Front Speaker Output (-)
8	1 L-GN	200	Right Front Speaker Output (+)
9-14	-	-	Not Used
15	0.8 BN	199	Left Rear Speaker Output (+)
16	0.8 YE	116	Left Rear Speaker Output (-)

## 08 Acadia Audio Amplifier X2 (UQG) - Audio Amplifier X2 (UQG)

Audio Amplifier X2 (UQG)



 [Click here for full size](#)

### Connector Part Information

- OEM: 15134091
- Service: See Catalog
- Description: 16-Way F 1.5 Series (BK)

### Terminal Part Information

- Pins: 1- 4, 9-12
- Terminal/Tray: 8240-0128/22
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)
- Pins: 5, 6, 13, 14
- Terminal/Tray: 8240-0127/22

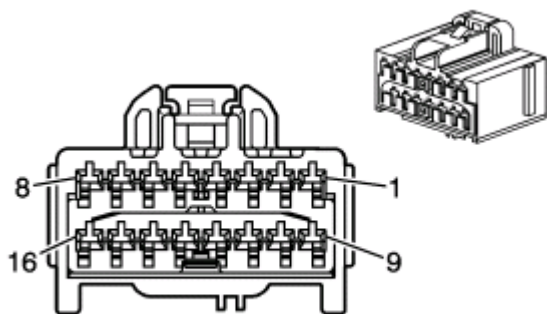
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Audio Amplifier X2 (UQG)

Pin	Wire	Circuit	Function
1	1 TN	201	Left Front Speaker Output (+)
2	1 L-GN	200	Right Front Speaker Output (+)
3	1 BN	199	Left Rear Speaker Output (+)
4	1 D-BU	46	Right Rear Speaker Output (+)
5	0.35 YE	1860	Front Center Speaker Output (+)
6	0.5 TN	1859	Left Rear Midrange Speaker Output (+)
7-8	—	—	Not Used
9	1 GY	118	Left Front Speaker Output (-)
10	1 D-GN	117	Right Front Speaker Output (-)
11	1 YE	116	Left Rear Speaker Output (-)
12	1 L-BU	115	Right Rear Speaker Output (-)
13	0.35 L-BU	1960	Front Center Speaker Output (-)
14	0.5 WH	1959	Left Rear Midrange Speaker Output (-)
15-16	—	—	Not Used

### 08 Acadia Audio Amplifier X3 (UQA or UQS) - Audio Amplifier X3 (UQA or UQS)

Audio Amplifier X3 (UQA or UQS)



[Click here for full size](#)

#### Connector Part Information

- OEM: 15136073
- Service: See Catalog

- Description: 16-Way F Kaizen 0.64 (BK)

### Terminal Part Information

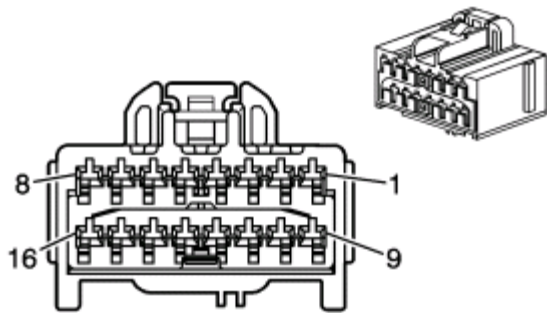
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Audio Amplifier X3 (UQA or UQS)

Pin	Wire	Circuit	Function
1	0.5 WH	6763	Subwoofer Low Level Audio Signal (UQS)
2	0.5 OG	6761	Center Channel Low Level Audio Signal (-) (UQS)
3	0.5 D-BU	6760	Center Channel Low Level Audio Signal (UQS)
4	0.5 TN	1946	Right Rear Low Level Audio Signal (-) (without UK6)
	0.5 TN/WH	5830	Right Rear Low Level Audio Signal (-) (UK6)
5	0.5 BN	5314	Left Rear Low Level Audio Signal (-) (UK6)
	0.5 BN	1999	Left Rear Low Level Audio Signal (-) (without UK6)
6	0.5 L-GN	1948	Right Front Low Level Audio Signal (-)
7	0.5 D-GN	1947	Left Front Low Level Audio Signal (-)
8	0.35 WH	7066	Entertainment Remote Enable Signal
9	0.5 PK	6762	Subwoofer Low Level Audio (-) (UQS)
10	-	-	Not Used
11	0.35 OG	5748	Radio Audio Mute Signal
12	0.5 D-BU	546	Right Rear Low Level Audio Signal (+) (without UK6)
	0.5 L-GN	5313	Right Rear Low Level Audio Signal (+) (UK6)
13	0.5 BN/WH	599	Left Rear Low Level Audio Signal (+) (without UK6)
	0.5 L-BU	5312	Left Rear Low Level Audio Signal (+) (UK6)
14	0.5 L-GN/WH	512	Right Front Low Level Audio Signal (+)
15	0.5 TN	511	Left Front Low Level Audio Signal (+)
16	-	-	Not Used

### 08 Acadia Audio Amplifier X3 (UQG) - Audio Amplifier X3 (UQG)

## Audio Amplifier X3 (UQG)



[Click here for full size](#)

## Connector Part Information

- OEM: 15136073
- Service: See Catalog
- Description: 16-Way F Kaizen 0.64 (BK)

## Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

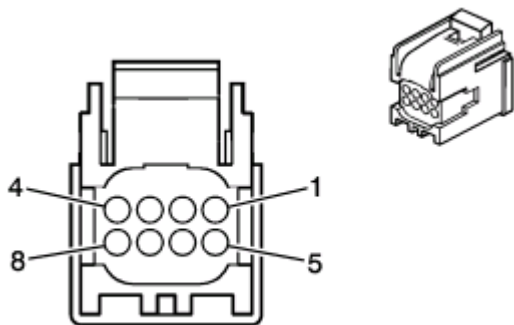
## Audio Amplifier X3 (UQG)

Pin	Wire	Circuit	Function
1-3	—	—	Not Used
4	0.35 OG	5748	Radio Audio Mute Signal
5	0.5 TN	511	Left Front Low Level Audio Signal (+)
6	0.5 L-GN/WH	512	Right Front Low Level Audio Signal (+)
7	0.5 L-BU	5312	Left Rear Low Level Audio Signal (+) (UK6)
	0.5 BN/WH	599	Left Rear Low Level Audio Signal (+) (without UK6)
8	0.5 D-BU	546	Right Rear Low Level Audio Signal (+) (without UK6)
	0.5 L-GN	5313	Right Rear Low Level Audio Signal (+) (UK6)
9-11	—	—	Not Used
12	0.35 WH	7066	Entertainment Remote Enable Signal

13	0.5 D-GN	1947	Left Front Low Level Audio Signal (-)
14	0.5 L-GN	1948	Right Front Low Level Audio Signal (-)
15	0.5 BN	1999	Left Rear Low Level Audio Signal (-) (without UK6)
	0.5 BN	5314	Left Rear Low Level Audio Signal (-) (UK6)
16	0.5 TN	1946	Right Rear Low Level Audio Signal (-) (without UK6)
	0.5 TN/WH	5830	Right Rear Low Level Audio Signal (-) (UK6)

## 08 Acadia Audio/Video Adapter (U42) - Audio/Video Adapter (U42)

Audio/Video Adapter (U42)



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### Connector Part Information

- OEM: 15480082
- Service: 19149303
- Description: 8-Way F Micro 64 Series (GY)

### Terminal Part Information

- Terminal/Tray: 15359541/4
- Core/Insulation Crimp: M/M
- Release Tool/Test Probe: 15381651-2/J-35616-64B (L-BU)

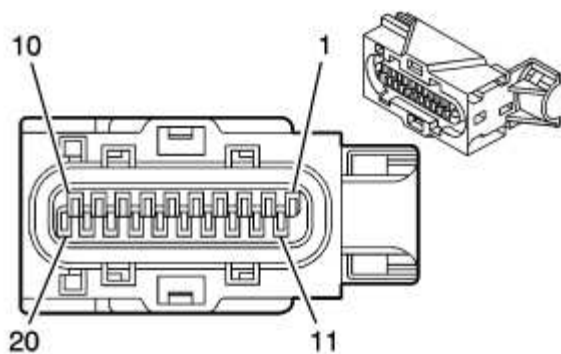
### Audio/Video Adapter (U42)

Pin	Wire	Circuit	Function
1	0.35 BARE	5346	Video Drain Wire
2	-	-	Not Used

3	0.35 PU	2056	Auxiliary Video High Signal
4	—	—	Not Used
5	0.35 WH	2058	Auxiliary Audio Right Signal
6	0.35 YE	2059	Auxiliary Audio Left Signal
7	0.35 BARE	5345	Auxiliary Audio Drain Wire
8	—	—	Not Used

## 08 Acadia Automatic Transmission - Automatic Transmission

Automatic Transmission



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### Connector Part Information

- OEM: 15476346
- Service: 19151494
- Description: 20-Way F GT 150 Sealed (L-GY)

### Terminal Part Information

- Terminal/Tray: 15326267/19
- Pins: 1, 2, 5, 12-16
- Core/Insulation Crimp: E/4
- Pins: 18, 19
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Automatic Transmission

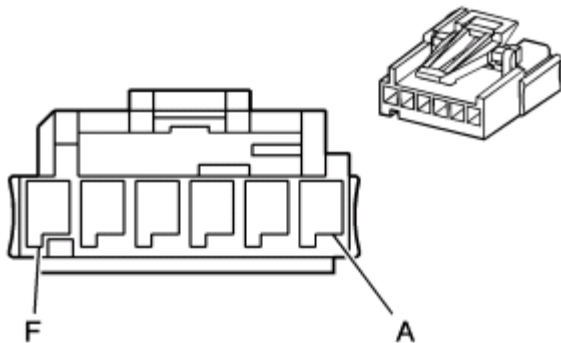
Pin	Wire	Circuit	Function
1	0.8 BK/WH	451	Ground
2	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+



3-4	—	—	Not Used
5	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
6-11	—	—	Not Used
12	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
13	0.5 PK	1339	Ignition Voltage
14	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
15	0.5 D-BU	5985	Ignition Voltage
16	0.5 WH	17	Stop Lamp Switch Signal
17	—	—	Not Used
18	0.8 BK/WH	451	Ground
19	0.8 RD/WH	3640	Battery Positive Voltage
20	0.5 OG/BK	1786	Park/Neutral Signal

## 08 Acadia Automatic Transmission Internal Mode Switch (IMS) - Automatic Transmission Internal Mode Switch (IMS)

Automatic Transmission Internal Mode Switch (IMS)



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### Connector Part Information

- OEM: 15336500
- Service: Non-Serviceable
- Description: 6-Way F Metri-Pack 150.2 Series (GN)

### Terminal Part Information

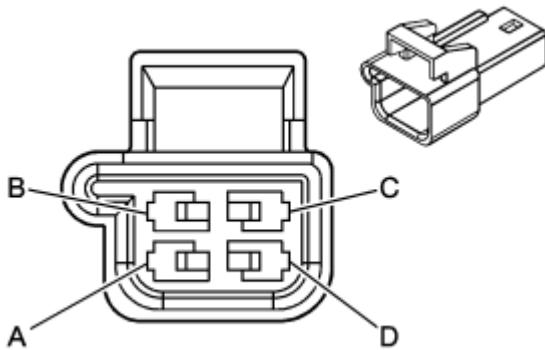
- Terminal/Tray: Non-Serviceable
- Core/Insulation Crimp: Non-Serviceable
- Release Tool/Test Probe: Non-Serviceable

**Automatic Transmission Internal Mode Switch (IMS)**

Pin	Wire	Circuit	Function
A	0.5 GY	—	Low Reference
B	0.5 BK	—	Transmission Range Switch Signal P
C	0.5 YE	—	Transmission Range Switch Signal C
D	0.5 RD	—	Transmission Range Switch Signal B
E	0.5 GN	—	Transmission Range Switch Signal A
F	0.5 WH	—	Park/Neutral Switch Signal

**08 Acadia Automatic Transmission Manual Shift Switch - Automatic Transmission Manual Shift Switch**

Automatic Transmission Manual Shift Switch


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**Connector Part Information**

- OEM: 12064761
- Service: 12064761
- Description: 4-Way M Metri-Pack 150 Series (BK)

**Terminal Part Information**

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

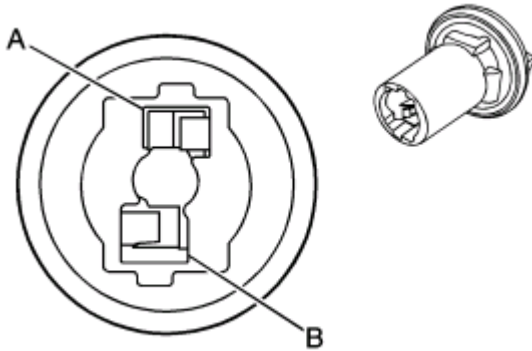
**Automatic Transmission Manual Shift Switch**

Pin	Wire	Circuit	Function
A	GN	—	Ignition Voltage

B	GN	—	Tap Up/Tap Down Switch Signal
C-D	—	—	Not Used

## 08 Acadia Back Up Lamp - Left (W49) - Back Up Lamp - Left (W49)

Back Up Lamp - Left (W49)



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### Connector Part Information

- OEM: 7712-5354-4WB
- Service: See Catalog
- Description: 2-Way F Lamp Socket, Axial (BK)

### Terminal Part Information

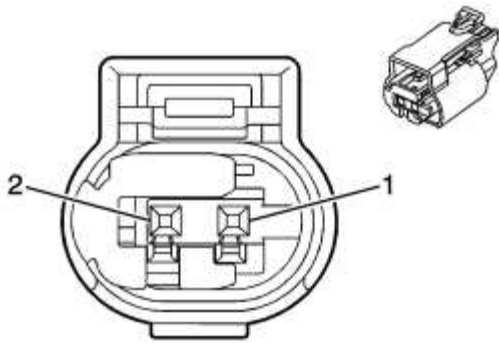
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Back Up Lamp - Left (W49)

Pin	Wire	Circuit	Function
A	0.5 WH	—	Backup Lamp Supply Voltage
B	0.5 BK	—	Ground

## 08 Acadia Back Up Lamp - Left (WDA) - Back Up Lamp - Left (WDA)

Back Up Lamp - Left (WDA)



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### Connector Part Information

- OEM: 1-1438608-1
- Service: 19149296
- Description: 2-Way F MQS Series, Sealed (BK)

### Terminal Part Information

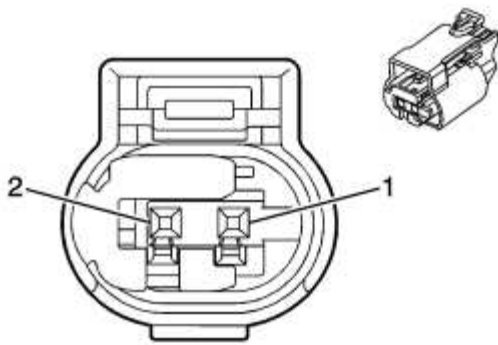
- Terminal/Tray: 962885-5/15
- Core/Insulation Crimp: 6/6
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

### Back Up Lamp - Left (WDA)

Pin	Wire	Circuit	Function
1	0.5 L-GN	24	Backup Lamp Supply Voltage
2	0.5 BK	650	Ground

### 08 Acadia Back Up Lamp - Left (Z88) - Back Up Lamp - Left (Z88)

Back Up Lamp - Left (Z88)



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### Connector Part Information

- OEM: 1-1438608-2
- Service: See Catalog
- Description: 2-Way F MQS Series, Sealed (D-GY)

### Terminal Part Information

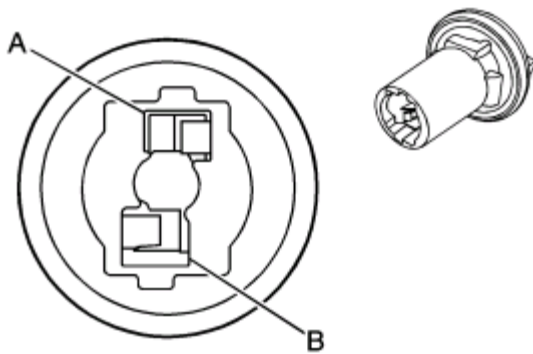
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Back Up Lamp - Left (Z88)

Pin	Wire	Circuit	Function
1	0.5 BK	—	Ground
2	0.5 BK	—	Backup Lamp Supply Voltage

### 08 Acadia Back Up Lamp - Right (W49) - Back Up Lamp - Right (W49)

Back Up Lamp - Right (W49)



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### Connector Part Information

- OEM: 7712-5354-4WB
- Service: See Catalog
- Description: 2-Way F Lamp Socket, Axial (BK)

### Terminal Part Information

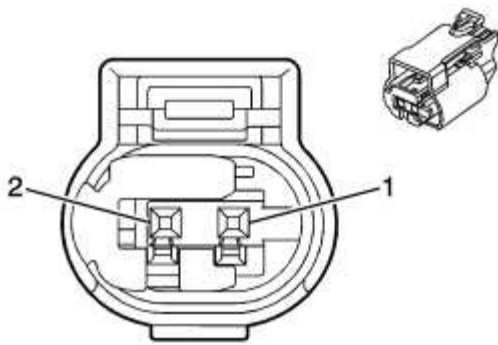
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Back Up Lamp - Right (W49)

Pin	Wire	Circuit	Function
A	0.5 WH	-	Backup Lamp Supply Voltage
B	0.5 BK	-	Ground

### 08 Acadia Back Up Lamp - Right (WDA) - Back Up Lamp - Right (WDA)

Back Up Lamp - Right (WDA)



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### Connector Part Information

- OEM: 1-1438608-1
- Service: 19149296
- Description: 2-Way F MQS Series, Sealed (BK)

### Terminal Part Information

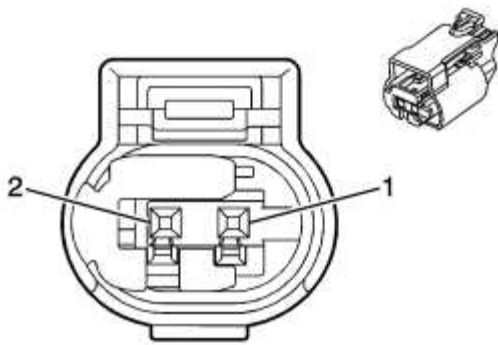
- Terminal/Tray: 962885-5/15
- Core/Insulation Crimp: 6/6
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

### Back Up Lamp - Right (WDA)

Pin	Wire	Circuit	Function
1	0.5 L-GN	24	Backup Lamp Supply Voltage
2	0.5 BK	650	Ground

### 08 Acadia Back Up Lamp - Right (Z88) - Back Up Lamp - Right (Z88)

Back Up Lamp - Right (Z88)



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### Connector Part Information

- OEM: 1-1438608-2
- Service: See Catalog
- Description: 2-Way F MQS Series, Sealed (D-GY)

### Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

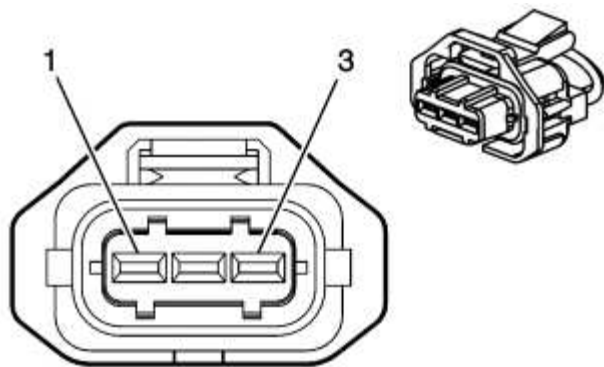
### Back Up Lamp - Right (Z88)

Pin	Wire	Circuit	Function
1	0.5 BK	-	Ground
2	0.5 BK	-	Backup Lamp Supply Voltage

### 08 Acadia Barometric Pressure (BARO) Sensor (LY7) - Barometric Pressure (BARO) Sensor (LY7)

Barometric Pressure (BARO) Sensor (LY7)





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### Connector Part Information

- OEM: 1928403966
- Service: 88988583
- Description: 3-Way F Kompakt 2.8 Series, Sealed (BK)

### Terminal Part Information

- Terminal/Tray: 1928498056/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)

### Barometric Pressure (BARO) Sensor (LY7)

Pin	Wire	Circuit	Function
1	0.5 GY	2704	5-Volt Reference
2	0.5 OG/BK	469	Low Reference
3	0.5 L-GN	432	MAP Sensor Signal

### 08 Acadia Battery (-) - Battery (-)

Battery (-)

### Terminal Part Information

- Terminal: R61014-002
- Core/Insulation Crimp: N/A
- Description: Battery Terminal

### Battery (-)

Pin	Wire	Circuit	Function
-	32 BK	50	Ground
	10 BK	50	Ground

## 08 Acadia Battery (+) - Battery (+)

Battery (+)

### Terminal Part Information

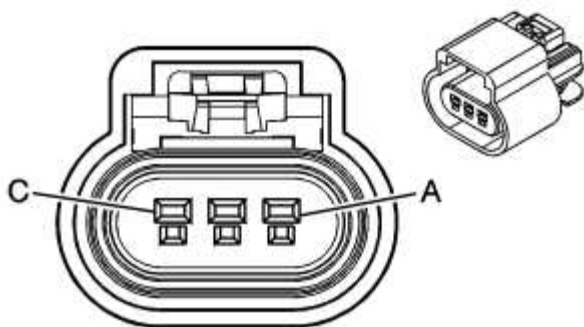
- Terminal: R3311-033
- Core/Insulation Crimp: N/A
- Description: Battery Terminal

## Battery (+)

Pin	Wire	Circuit	Function
+	40 RD	1	Battery Positive Voltage
	1 RD	1	Battery Positive Voltage (UE1)

## 08 Acadia Battery Current Sensor - Battery Current Sensor

Battery Current Sensor



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### Connector Part Information

- OEM: 15326808
- Service: See Catalog
- Description: 3-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

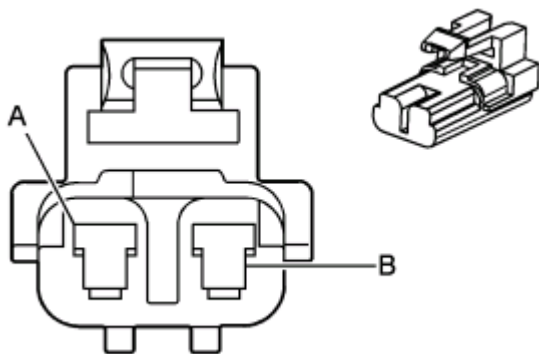
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Battery Current Sensor

Pin	Wire	Circuit	Function
A	0.35 PK	5076	Current Sensor Supply Voltage
B	0.35 BN	5077	Low Reference
C	0.35 WH	5075	Current Sensor Signal

### 08 Acadia Blower Motor - Blower Motor

Blower Motor



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### Connector Part Information

- OEM: 12084957
- Service: 12126461
- Description: 2-Way F (BK)

### Terminal Part Information

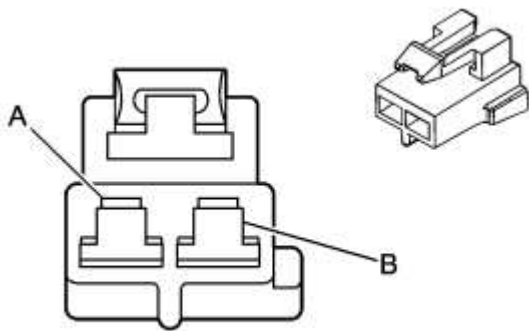
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit


### Blower Motor

Pin	Wire	Circuit	Function
A	3.0 PU	65	Blower Motor Supply Voltage
B	3.0 BK	5987	Low Reference

## 08 Acadia Blower Motor - Auxiliary - Blower Motor - Auxiliary

Blower Motor - Auxiliary



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### Connector Part Information

- OEM: 12064749
- Service: 12064749
- Description: 2-Way F Metri-Pack 480 Series (BK)

### Terminal Part Information

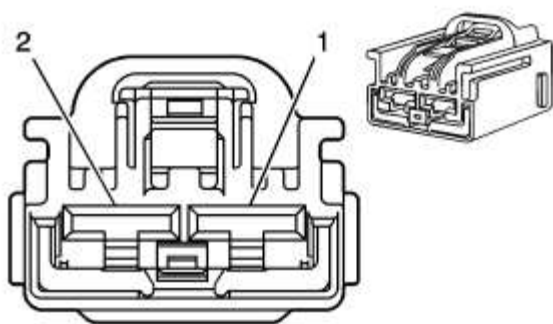
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Blower Motor - Auxiliary

Pin	Wire	Circuit	Function
A	3.0 RD/WH	65	Blower Motor Supply Voltage
B	3.0 OG	5988	Low Reference

## 08 Acadia Blower Motor Control Module - Auxiliary X1 - Blower Motor Control Module - Auxiliary X1

Blower Motor Control Module - Auxiliary X1



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### Connector Part Information

- OEM: 15226103
- Service: 88988507
- Description: 2-Way F Receptacle 6.3 Series (BK)

### Terminal Part Information

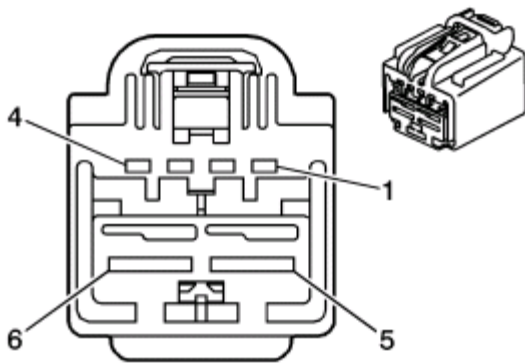
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Blower Motor Control Module - Auxiliary X1

Pin	Wire	Circuit	Function
1	3.0 RD/WH	65	Blower Motor Supply Voltage
2	3.0 OG	5988	Low Reference

### 08 Acadia Blower Motor Control Module - Auxiliary X2 - Blower Motor Control Module - Auxiliary X2

Blower Motor Control Module - Auxiliary X2



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### Connector Part Information

- OEM: 15226104
- Service: 88988512
- Description: 6-Way F YESC Kaizen Series (BK)

### Terminal Part Information

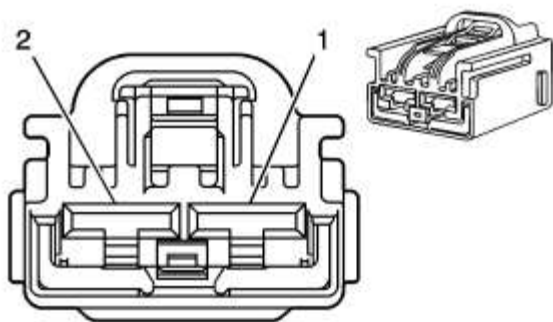
- Terminal/Tray: 7114-4122-02/9
- Core/Insulation Crimp: A/B
- Release Tool/Test Probe: 12094430/J-35616-43 (RD)

### Blower Motor Control Module - Auxiliary X2

Pin	Wire	Circuit	Function
1-2	—	—	Not Used
3	0.35 D-GN	2211	Auxiliary Blower Motor Speed Control
4	—	—	Not Used
5	3.0 BK	850	Ground
6	3.0 RD/WH	2640	Battery Positive Voltage

### 08 Acadia Blower Motor Control Module X1 - Blower Motor Control Module X1

Blower Motor Control Module X1



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### Connector Part Information

- OEM: 15226103
- Service: 88988507
- Description: 2-Way F Receptacle 6.3 Series (BK)

### Terminal Part Information

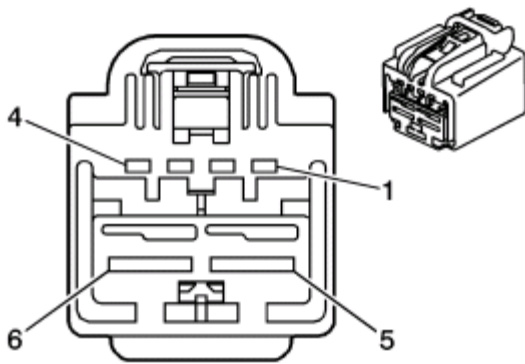
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Blower Motor Control Module X1

Pin	Wire	Circuit	Function
1	3.0 PU	65	Blower Motor Supply Voltage
2	3.0 BK	5987	Low Reference

### 08 Acadia Blower Motor Control Module X2 - Blower Motor Control Module X2

Blower Motor Control Module X2



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### Connector Part Information

- OEM: 15226104
- Service: 88988512
- Description: 6-Way F YESC Kaizen Series (BK)

### Terminal Part Information

- Terminal/Tray: 7114-4122-02/9
- Core/Insulation Crimp: A/B
- Release Tool/Test Probe: 12094430/J-35616-43 (RD)

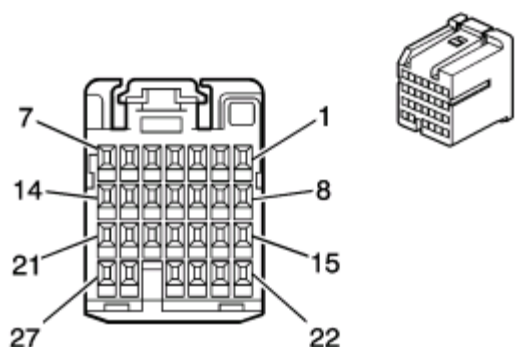
### Blower Motor Control Module X2


Pin	Wire	Circuit	Function
1-2	—	—	Not Used
3	0.35 GY/BK	754	Blower Motor Speed Control
4	—	—	Not Used
5	3.0 BK	450	Ground
6	3.0 RD/BK	442	Battery Positive Voltage

### 08 Acadia Body Control Module (BCM) X1 - Body Control Module (BCM) X1

Body Control Module (BCM) X1





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### Connector Part Information

- OEM: 15482789
- Service: See Catalog
- Description: 27-Way F HIT Series (L-GN)

### Terminal Part Information

- Terminal/Tray: SNAC3-A021T-M0.64/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

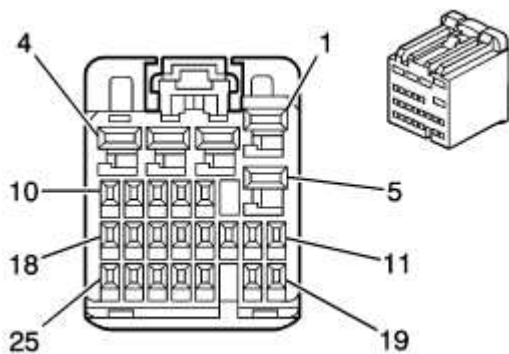
### Body Control Module (BCM) X1

Pin	Wire	Circuit	Function
1	—	—	Not Used
2	0.35 WH	1390	Ignition II/III/Key in Ignition
3	0.35 GY	1884	Cruise Control Switch Signal
4	0.35 WH/BK	1073	Ignition Key Resistor Signal
5	0.35 L-GN	1715	Windshield Wiper Switch High Signal
6	0.35 D-BU	1796	Steering Wheel Controls Signal (UK3)
7	—	—	Not Used
8	0.35 TN/BK	6009	Low Reference
9	0.35 L-BU	1714	Windshield Wiper Switch Low Signal
10-12	—	—	Not Used
13	0.35 L-GN	1011	Remote Radio Control Signal (RCA)
14	0.35 PK	3	Ignition Voltage
15	0.35 L-BU/WH	1414	Left Turn Signal Switch Signal

16	0.35 D-BU/WH	1415	Right Turn Signal Switch Signal
17	0.35 PU	1375	12-Volt Reference
18	0.35 PU	524	Headlamp Dimmer Switch High Beam Signal
19	0.35 TN	2144	Hazard Switch Signal
20	0.35 PU	5526	Tap Up/Tap Down Switch Signal
21	0.35 BN	4	Ignition Voltage
22	—	—	Not Used
23	0.35 L-BU	553	Tow/Haul Switch Signal
24	0.35 PK	94	Windshield Washer Switch Signal
25	0.35 BN	1356	Flash To Pass Switch Signal
26-27	—	—	Not Used

## 08 Acadia Body Control Module (BCM) X2 - Body Control Module (BCM) X2

Body Control Module (BCM) X2



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### Connector Part Information

- OEM: 15482790
- Service: See Catalog
- Description: 25-Way F HIT Series (WH)

### Terminal Part Information

- Pins: 1, 2, 3, 5
- Terminal/Tray: SNAC-A061T-M2.8/20
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-4A (PU)
- Pins: 8, 11, 12, 17, 18, 20, 21, 22, 25

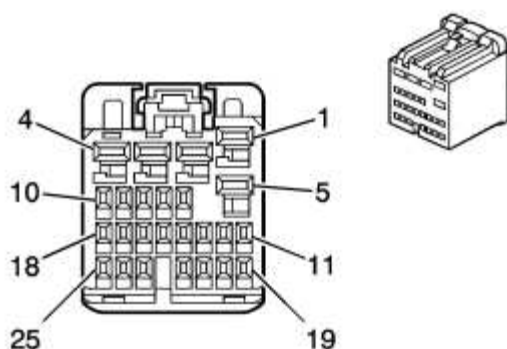
- Terminal/Tray: SNAC3-A021T-M0.64/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

### Body Control Module (BCM) X2

Pin	Wire	Circuit	Function
1	0.8 OG	1732	Courtesy Lamps Supply Voltage
2	0.8 RD/WH	1240	Battery Positive Voltage
3	0.8 GY	8	Instrument Panel Lamp Supply Voltage
4	—	—	Not Used
5	0.8 GY/BK	690	Courtesy Lamp High Control
6-7	—	—	Not Used
8	0.35 BN/WH	301	Rear Park Lamps Supply Voltage
9-10	—	—	Not Used
11	0.35 L-GN/BK	1137	DRL Ambient Light Sensor Signal
12	0.35 WH	103	Headlamp Switch Headlamps On Signal
13-16	—	—	Not Used
17	0.35 D-GN	306	Headlamp Switch Headlamps Off Signal
18	0.35 PK/BK	1597	Courtesy Lamps Switch On Signal
19	—	—	Not Used
20	0.5 PU	5357	Right Tail Lamp Outage Detection Signal (Z88)
21	0.35 BN/WH	1571	Traction Control Switch Signal
22	0.35 D-GN/WH	1135	A/T Shift Lock Control Solenoid Supply Voltage
23-24	—	—	Not Used
25	0.35 PU	328	Interior Lamp Switch Signal

### 08 Acadia Body Control Module (BCM) X3 - Body Control Module (BCM) X3

Body Control Module (BCM) X3



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### Connector Part Information

- OEM: 15482791
- Service: See Catalog
- Description: 25-Way F HIT Series (L-BU)

### Terminal Part Information

- Pins: 1-3, 5
- Terminal/Tray: SNAC-A061T-M2.8/20
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-4A (PU)
- Pins: 8-19, 21, 22
- Terminal/Tray: SNAC3-A021T-M0.64/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

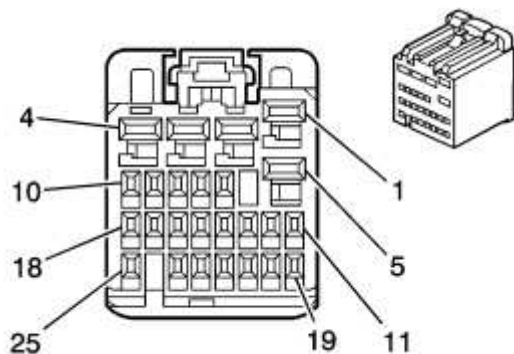
### Body Control Module (BCM) X3

Pin	Wire	Circuit	Function
1	0.8 BK/WH	1551	Ground
2	0.8 RD/WH	1640	Battery Positive Voltage
3	0.8 RD/WH	4540	Battery Positive Voltage
4	—	—	Not Used
5	0.8 BK/WH	1551	Ground
6-7	—	—	Not Used
8	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+
9	0.35 TN	2501	High Speed GMLAN Serial Data Bus-
10	0.35 D-GN	5060	Low Speed GMLAN Serial Data

11	0.35 D-GN	44	Instrument Panel Lamps Dimmer Switch Signal
12	0.35 OG/WH	812	12-Volt Reference
13	0.35 L-GN	526	Stop Lamp Switch Signal
14	0.35 TN	552	Low Reference
15	0.35 GY	598	5-Volt Reference
16	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+
17	0.35 TN	2501	High Speed GMLAN Serial Data Bus-
18	0.35 PU/WH	1382	LED Dimming Signal
19	0.35 L-BU	5986	Communication Enable
20	—	—	Not Used
21	0.35 OG	192	Fog Lamps Enable (T96)
22	0.35 GN/WH	7158	Cruise Control Indicator Dimming Signal
23-25	—	—	Not Used

## 08 Acadia Body Control Module (BCM) X4 - Body Control Module (BCM) X4

Body Control Module (BCM) X4



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### Connector Part Information

- OEM: 15482792
- Service: See Catalog
- Description: 25-Way F HIT Series (BK)

### Terminal Part Information

- Pins: 7, 9-13, 15-17, 19, 21-23
- Terminal/Tray: SNAC3-A021T-M0.64/20
- Core/Insulation Crimp: J/J

- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)
- Pins: 1-5
- Terminal/Tray: SNAC-A061T-M2.8/20
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-4A (PU)

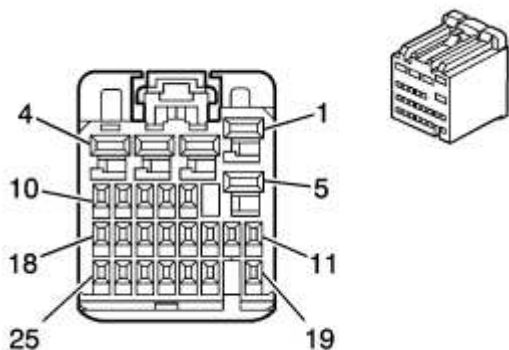
### Body Control Module (BCM) X4

Pin	Wire	Circuit	Function
1	0.8 RD/WH	340	Battery Positive Voltage (Z88 or W49)
	1 RD/WH	340	Battery Positive Voltage (WDA)
2	1 RD/WH	240	Battery Positive Voltage
3	1 RD/WH	440	Battery Positive Voltage
4	0.8 RD/WH	2140	Battery Positive Voltage
5	1 D-BU/WH	1315	Right Turn Signal Indicator Lamp Supply Voltage
6	—	—	Not Used
7	0.35 YE	196	Windshield Wiper Motor Park Switch Signal
8	—	—	Not Used
9	0.35 BK	50	Ground
10	0.35 RD/WH	2440	Battery Positive Voltage
11	0.35 D-GN/WH	1317	Fog Lamp Relay Control (T96)
12	0.5 YE	5187	Right Trailer Turn Signal Lamp (V92 or Early Production)
13	0.5 OG	5186	Left Trailer Turn Signal Lamp (V92 or Early Production)
14	—	—	Not Used
15	0.35 OG	2268	Windshield Washer Relay Control
16	0.35 TN/WH	1969	Headlamp Relay Control (W49 or WDA or Z88 with TVD)
17	0.35 PK/BK	109	Hood Ajar Switch Signal (AP3 or AP8)
18	—	—	Not Used
19	0.35 D-BU	5985	Ignition Voltage
20	—	—	Not Used
21	0.35 PK	1439	Ignition Voltage
22	0.35 YE	5704	Liftgate Latch Relay Coil Control (E69)
23	0.35 PU	544	Headlamp Low Beam Supply Voltage (W49 or WDA or Z88 with TVD)

24-25	—	—	Not Used
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## 08 Acadia Body Control Module (BCM) X5 - Body Control Module (BCM) X5

Body Control Module (BCM) X5



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### Connector Part Information

- OEM: 15480179
- Service: See Catalog
- Description: 25-Way F HIT Series (BN)

### Terminal Part Information

- Pins: 6, 8-11, 13-18, 20, 21, 23, 24
- Terminal/Tray: SNAC3-A021T-M0.64/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)
- Pins: 1-5
- Terminal/Tray: SNAC-A061T-M2.8/20
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-4A (PU)

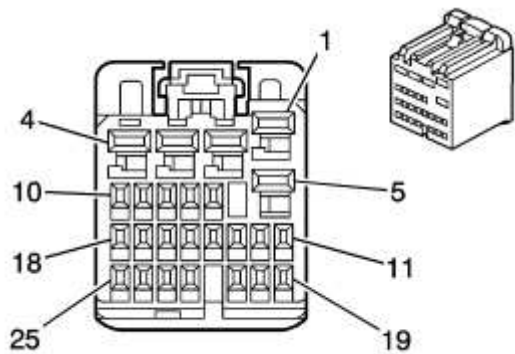
### Body Control Module (BCM) X5

Pin	Wire	Circuit	Function
1	0.8 YE	18	Left Rear Stop/Turn Lamp Supply Voltage
2	0.8 D-GN	19	Right Rear Stop/Turn Lamp Supply Voltage
3	—	—	Not Used

4	0.8 L-BU/WH	1314	Left Turn Signal Indicator Lamp Supply Voltage
5	0.8 L-BU	1320	Stop Lamp Supply Voltage
6	0.5 WH	17	Stop Lamp Supply Voltage
7	—	—	Not Used
8	0.35 PK	5076	Current Sensor Supply Voltage
9	0.35 WH	5075	Current Sensor Signal
10	0.35 BN	5077	Low Reference
11	0.35 D-GN	5706	Liftgate Relay High Control (E69)
12	—	—	Not Used
13	0.35 OG	300	Power Mode
14	0.35 WH	2283	Rear Wiper/Washer Switch Supply Voltage
15	0.35 PU	5531	Hood Closed Switch Signal (AP3 or AP8)
16	0.5 OG/BK	233	Park Brake Switch Signal
17	0.5 YE/BK	5356	Left Tail Lamp Outage Detection Signal (Z88)
18	0.35 TN	28	Horn Relay Control
19	—	—	Not Used
20	0.35 GY	91	Windshield Wiper Switch Signal 2
21	0.35 TN	860	Front Windshield Wiper Switch High Signal
22	—	—	Not Used
23	0.35 PK/WH	1970	Headlamp Low Beam Relay Control (W49 or WDA or Z88 with TVD)
24	0.35 WH	1080	Park Lamp Relay Control
25	—	—	Not Used

## 08 Acadia Body Control Module (BCM) X6 - Body Control Module (BCM) X6

Body Control Module (BCM) X6



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**Connector Part Information**

- OEM: 15482793
- Service: See Catalog
- Description: 25-Way F Receptacle 0.64 2.8 (PK)

**Terminal Part Information**

- Pins: 1-3
- Terminal/Tray: SNAC-A061T-M2.8/20
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-4A (PU)
- Pins: 8-10, 12, 14-16, 18, 20-23
- Terminal/Tray: SNAC3-A021T-M0.64/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

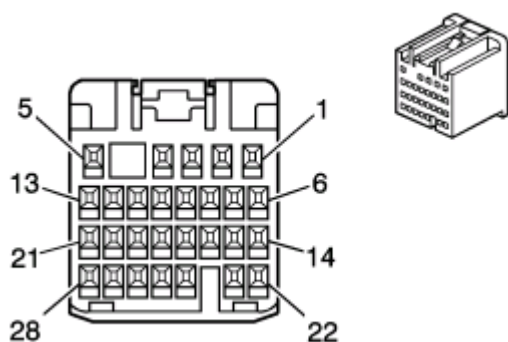
**Body Control Module (BCM) X6**

Pin	Wire	Circuit	Function
1	0.8 GY/BK	690	Courtesy Lamp High Control (W49 Early Production)
2	0.8 L-GN	24	Backup Lamp Supply Voltage
3	0.8 GY	8	Instrument Panel Lamp Supply Voltage
4-7	—	—	Not Used
8	0.35 TN/WH	746	Right Front Door Ajar Switch Signal (without AXC or AXE)
9	0.35 D-BU	245	Passenger Door Lock Switch Unlock (without AXC or AXE)
10	0.35 GY/BK	745	Left Front Door Ajar Switch Signal (without AXC or AXE)
11	—	—	Not Used
12	0.35 PK/BK	1303	Liftgate Ajar Switch Signal (E69)
13	—	—	Not Used
14	0.35 L-GN/BK	748	Right Rear Door Ajar Switch Signal
15	0.35 L-BU/BK	747	Left Rear Door Ajar Switch Signal
16	0.35 D-BU/WH	1179	Left Rear Door Open Switch Signal

17	—	—	Not Used
18	0.35 L-BU	244	Passenger Door Lock Switch Lock (without AXC or AXE)
19	—	—	Not Used
20	0.5 L-GN	262	Driver Door Key Switch Signal (without AXC or AXE)
21	0.35 PU/WH	1382	LED Dimming Signal
22	0.35 L-GN	5926	Rear Access Open Switch Signal (E69)
23	0.35 GY	5797	Rear Closure Handle Switch Open Signal (E69)
24-25	—	—	Not Used

## 08 Acadia Body Control Module (BCM) X7 - Body Control Module (BCM) X7

Body Control Module (BCM) X7



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### Connector Part Information

- OEM: 15466053
- Service: See Catalog
- Description: 28-Way F HIT Series (GY)

### Terminal Part Information

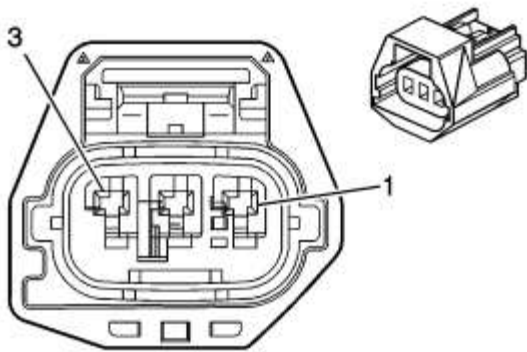
- Terminal/Tray: SNAC3-A021T-M0.64/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

## Body Control Module (BCM) X7

Pin	Wire	Circuit	Function
1	—	—	Not Used
2	0.35 YE	43	Ignition Voltage
3	0.35 D-BU	38	Backup Lamp Relay Control (V92 Early Production)
4-5	—	—	Not Used
6	0.35 YE	356	Driver Door Lock Relay Unlock Control (without AXC or AXE)
7	0.35 L-GN	1391	Driver Door Unlock Relay Control
8	0.35 D-BU	545	DRL Supply Voltage (TVD with Z88)
9	0.35 L-BU	5921	Driver Door Unlock Relay Control
10	—	—	Not Used
11	0.35 OG/BK	781	Driver Door Lock Switch Unlock Signal (without AXC or AXE)
12	0.35 PK/BK	780	Driver Door Lock Switch Lock Signal (without AXC or AXE)
13-17	—	—	Not Used
18	0.35 L-GN	170	Power Window Master Switch Right Rear Up Signal (AXC or AXE)
19	0.35 PU	169	Power Window Master Switch Left Rear Down Signal (AXC or AXE)
20	—	—	Not Used
21	0.35 D-BU	1307	Power Window Master Switch Lockout Signal (AXC or AXE)
22	—	—	Not Used
23	0.35 TN	126	Left Front Door Open Switch Signal (without AXC or AXE)
24	—	—	Not Used
25	0.35 PU/WH	6816	Heated Seat Indicator Dimming (KA1 without A45)
26	0.35 PU	171	Power Window Master Switch Right Rear Down Signal (AXC or AXE)
27	0.35 L-BU/WH	280	Power Window Master Switch Lockout Right Rear Signal (AXC or AXE)
28	0.35 D-GN	168	Power Window Master Switch Left Rear Up Signal (AXC or AXE)

## 08 Acadia Brake Booster Vacuum Sensor - Brake Booster Vacuum Sensor

Brake Booster Vacuum Sensor



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### Connector Part Information

- OEM: 7283569110
- Service: See Catalog
- Description: 3-Way F 1.5 Sealed (D-GY)

### Terminal Part Information

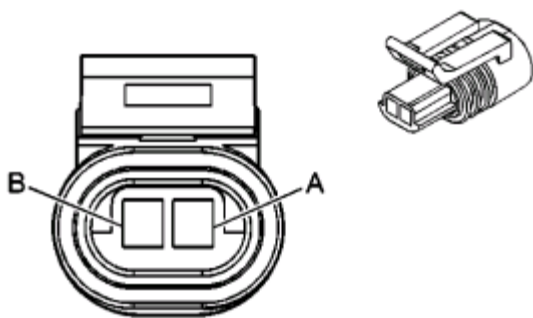
- Terminal/Tray: 7116-4102-08/9
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)


### Brake Booster Vacuum Sensor

Pin	Wire	Circuit	Function
1	0.5 OG	6030	Brake Vacuum Sensor Signal
2	0.5 YE/BK	6032	Low Reference
3	0.5 GY	6031	5-Volt Reference

### 08 Acadia Brake Fluid Level Switch - Brake Fluid Level Switch

Brake Fluid Level Switch



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### Connector Part Information

- OEM: 12162193
- Service: 88987993
- Description: 2-Way F Metri-Pack 150.2 Series, Sealed, Pull To Seat (BK)

### Terminal Part Information

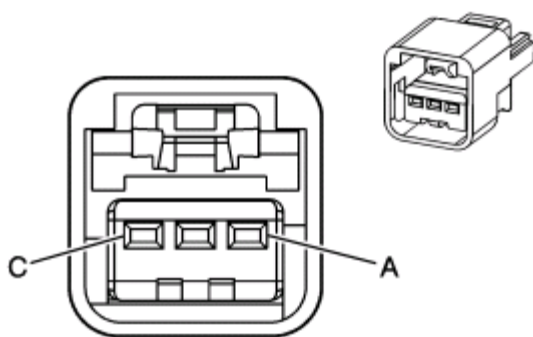
- Terminal/Tray: 12124075/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12180559-1/J-35616-14 (GN)

### Brake Fluid Level Switch

Pin	Wire	Circuit	Function
A	0.35 BK/WH	1551	Ground
B	0.35 TN/WH	33	Brake Warning Indicator Control

### 08 Acadia Brake Pedal Position Sensor - Brake Pedal Position Sensor

Brake Pedal Position Sensor



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### Connector Part Information

- OEM: 15332132
- Service: 88953364
- Description: 3-Way F GT 150 Series (BK)

### Terminal Part Information

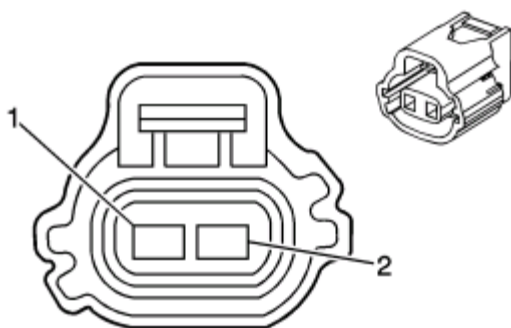
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Brake Pedal Position Sensor

Pin	Wire	Circuit	Function
A	0.35 GY	598	5-Volt Reference
B	0.35 L-GN	526	Stop Lamp Switch Signal
C	0.35 TN	552	Low Reference

### 08 Acadia Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 1 (LY7) - Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 1 (LY7)

Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 1 (LY7)



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### Connector Part Information

- OEM: 7283-7526-30
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

### Terminal Part Information

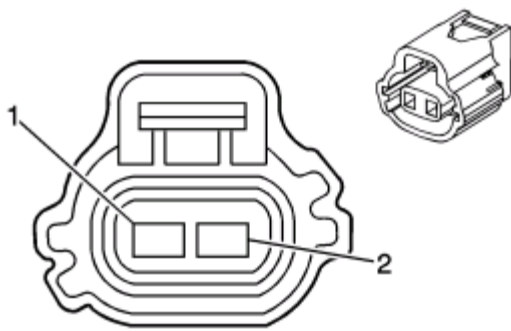
- Terminal/Tray: 7116-4025/11
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 15313892/J-35616-18 (BK)

### Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 1 (LY7)

Pin	Wire	Circuit	Function
1	0.5 WH/BK	6396	Cam Phaser #3 Control
2	0.5 BN/WH	6754	Low Reference

### 08 Acadia Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 2 (LY7) - Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 2 (LY7)

Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 2 (LY7)



 [Click here for full size](#)

#### Connector Part Information

- OEM: 7283-7526-30
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

#### Terminal Part Information

- Terminal/Tray: 7116-4025/11
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 15313892/J-35616-18 (BK)

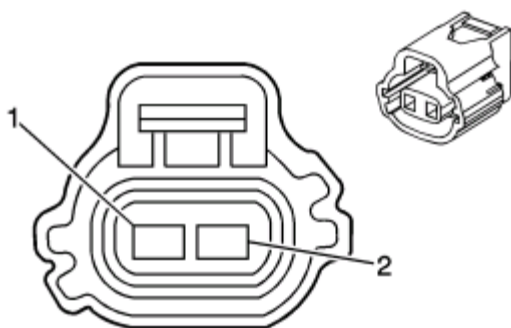
#### Camshaft Position (CMP) Actuator Solenoid - Exhaust Bank 2 (LY7)

Pin	Wire	Circuit	Function
1	0.5 GY/BK	6394	Cam Phaser Control
2	0.5 D-BU/WH	6756	Low Reference

#### 08 Acadia Camshaft Position (CMP) Actuator Solenoid - Intake Bank 1 (LY7) - Camshaft Position (CMP) Actuator Solenoid - Intake Bank 1 (LY7)

Camshaft Position (CMP) Actuator Solenoid - Intake Bank 1 (LY7)





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#### Connector Part Information

- OEM: 7283-7526-30
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

#### Terminal Part Information

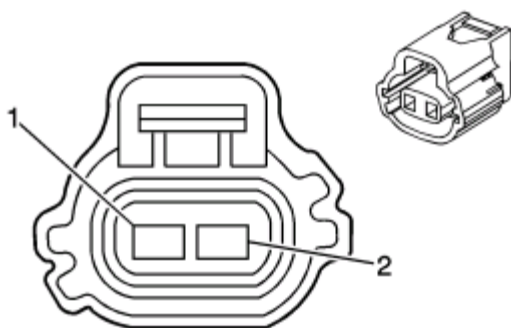
- Terminal/Tray: 7116-4025/11
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 15313892/J-35616-18 (BK)

#### Camshaft Position (CMP) Actuator Solenoid - Intake Bank 1 (LY7)

Pin	Wire	Circuit	Function
1	0.5 PK/BK	6395	Cam Phaser #2 Control
2	0.5 BN	6753	Low Reference

#### 08 Acadia Camshaft Position (CMP) Actuator Solenoid - Intake Bank 2 (LY7) - Camshaft Position (CMP) Actuator Solenoid - Intake Bank 2 (LY7)

Camshaft Position (CMP) Actuator Solenoid - Intake Bank 2 (LY7)



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#### Connector Part Information

- OEM: 7283-7526-30
- Service: See Catalog
- Description: 2-Way F Sealed (BK)

#### Terminal Part Information

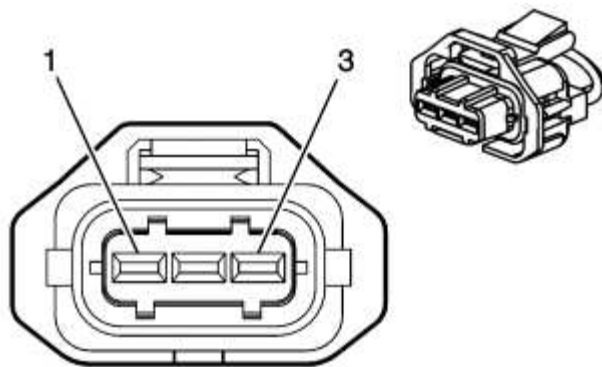
- Terminal/Tray: 7116-4025/11
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 15313892/J-35616-18 (BK)

#### Camshaft Position (CMP) Actuator Solenoid - Intake Bank 2 (LY7)

Pin	Wire	Circuit	Function
1	0.5 TN/BK	6397	Cam Phaser #4 Control
2	0.5 D-BU	6755	Low Reference

#### 08 Acadia Camshaft Position (CMP) Sensor - Exhaust Bank 1 (LY7) - Camshaft Position (CMP) Sensor - Exhaust Bank 1 (LY7)

Camshaft Position (CMP) Sensor - Exhaust Bank 1 (LY7)



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### Connector Part Information

- OEM: 1928403968
- Service: 88988595
- Description: 3-Way F Kompakt 2.8 Series, Sealed (BK)

### Terminal Part Information

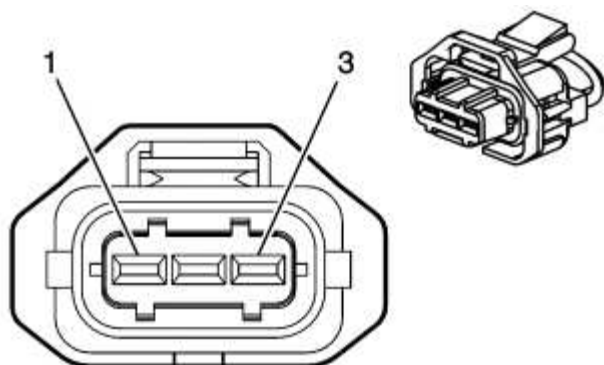
- Terminal/Tray: 1928498056/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)

### Camshaft Position (CMP) Sensor - Exhaust Bank 1 (LY7)

Pin	Wire	Circuit	Function
1	0.5 PU	6267	Camshaft CAM X Ground
2	0.5 D-GN/WH	6264	Camshaft CAM X Signal
3	0.5 D-GN	6457	5-Volt Reference

### 08 Acadia Camshaft Position (CMP) Sensor - Exhaust Bank 2 (LY7) - Camshaft Position (CMP) Sensor - Exhaust Bank 2 (LY7)

Camshaft Position (CMP) Sensor - Exhaust Bank 2 (LY7)



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### Connector Part Information

- OEM: 1928403968
- Service: 88988595
- Description: 3-Way F Kompakt 2.8 Series, Sealed (BK)

### Terminal Part Information

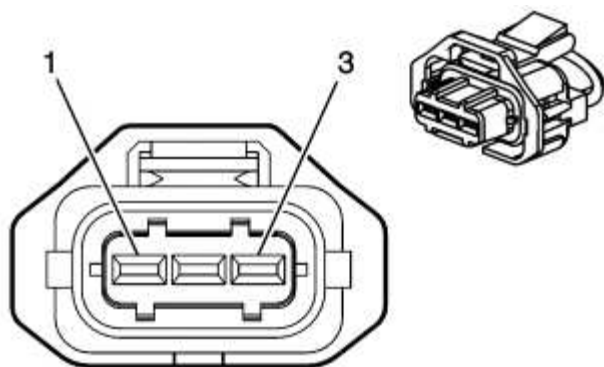
- Terminal/Tray: 1928498056/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)


### Camshaft Position (CMP) Sensor - Exhaust Bank 2 (LY7)

Pin	Wire	Circuit	Function
1	0.5 WH	6269	Camshaft CAM Z Ground
2	0.5 PK/BK	6262	Camshaft CAM Z Signal
3	0.5 PK	6261	5-Volt Reference

### 08 Acadia Camshaft Position (CMP) Sensor - Intake Bank 1 (LY7) - Camshaft Position (CMP) Sensor - Intake Bank 1 (LY7)

Camshaft Position (CMP) Sensor - Intake Bank 1 (LY7)



 [Click here for full size](#)

### Connector Part Information

- OEM: 1928403968
- Service: 88988595
- Description: 3-Way F Kompakt 2.8 Series, Sealed (BK)

### Terminal Part Information

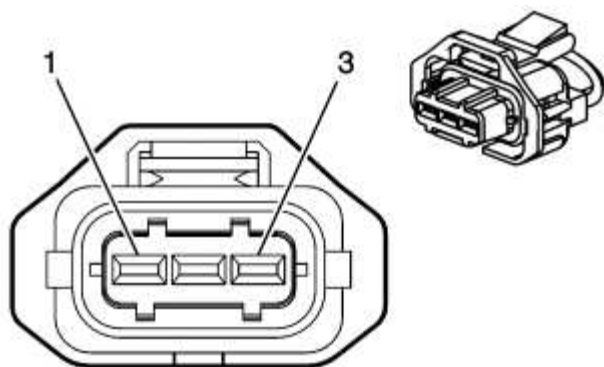
- Terminal/Tray: 1928498056/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)

### Camshaft Position (CMP) Sensor - Intake Bank 1 (LY7)

Pin	Wire	Circuit	Function
1	0.5 BN	6266	Camshaft CAM W Ground
2	0.5 D-BU/WH	6265	Camshaft CAM W Signal
3	0.5 D-BU	6259	5-Volt Reference

### 08 Acadia Camshaft Position (CMP) Sensor - Intake Bank 2 (LY7) - Camshaft Position (CMP) Sensor - Intake Bank 2 (LY7)

Camshaft Position (CMP) Sensor - Intake Bank 2 (LY7)



[Click here for full size](#)

### Connector Part Information

- OEM: 1928403968
- Service: 88988595
- Description: 3-Way F Kompakt 2.8 Series, Sealed (BK)

### Terminal Part Information

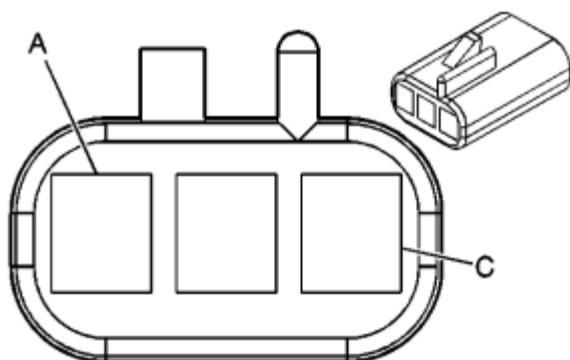
- Terminal/Tray: 1928498056/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)


### Camshaft Position (CMP) Sensor - Intake Bank 2 (LY7)

Pin	Wire	Circuit	Function
1	0.5 TN	6268	Camshaft CAM Y Ground
2	0.5 OG/BK	6263	Camshaft CAM Y Signal
3	0.5 OG	6260	5-Volt Reference

### 08 Acadia Cargo Lamp - Cargo Lamp

Cargo Lamp



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### Connector Part Information

- OEM: 12047781
- Service: 12101864
- Description: 3-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

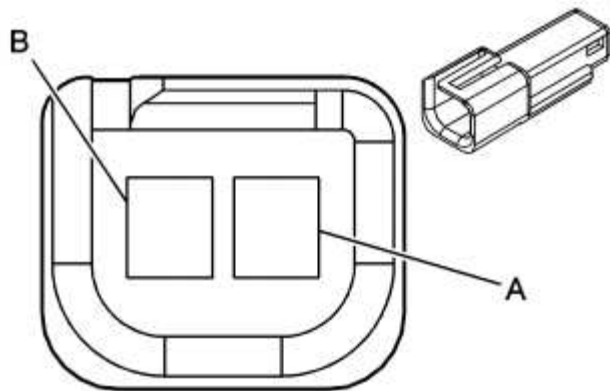
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Cargo Lamp

Pin	Wire	Circuit	Function
A	0.5 OG	1732	Courtesy Lamps Supply Voltage
B	0.5 BK	850	Ground
C	0.5 GY/BK	690	Courtesy Lamp High Control

### 08 Acadia Cellular Telephone Microphone (UE1) - Cellular Telephone Microphone (UE1)

Cellular Telephone Microphone (UE1)



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#### Connector Part Information

- OEM: 12047663
- Service: 12085481
- Description: 2-Way M Metri-Pack 150 Series (BK)

#### Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

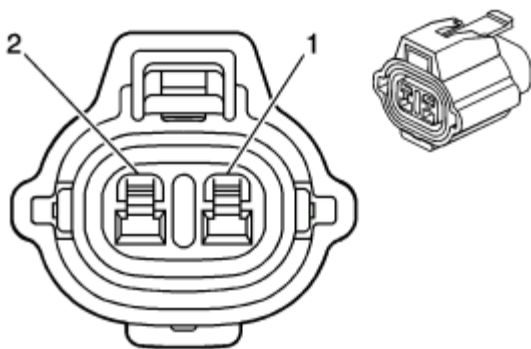
#### Cellular Telephone Microphone (UE1)

Pin	Wire	Circuit	Function
A	0.35 BARE	514	Ground
B	0.35 GY	655	Cellular Microphone Signal

#### 08 Acadia Center High Mounted Stop Lamp (CHMSL) (W49) - Center High Mounted Stop Lamp (CHMSL) (W49)

Center High Mounted Stop Lamp (CHMSL) (W49)





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#### Connector Part Information

- OEM: 13575577
- Service: See Catalog
- Description: 2-Way F 090 Series (L-GY)

#### Terminal Part Information

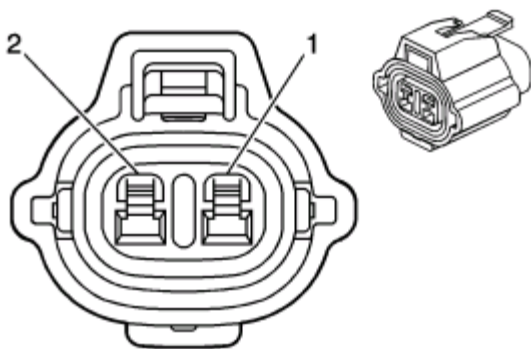
- Terminal/Tray: 7116-1420/11
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 15315247/J-35616-18 (BK)

#### Center High Mounted Stop Lamp (CHMSL) (W49)

Pin	Wire	Circuit	Function
1	0.5 BK	650	Ground
2	0.5 L-BU	1320	Stop Lamp Supply Voltage

#### 08 Acadia Center High Mounted Stop Lamp (CHMSL) (without W49) - Center High Mounted Stop Lamp (CHMSL) (without W49)

Center High Mounted Stop Lamp (CHMSL) (without W49)



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### Connector Part Information

- OEM: 7223-1324
- Service: 88988460
- Description: 2-Way F 090 Series (BK)

### Terminal Part Information

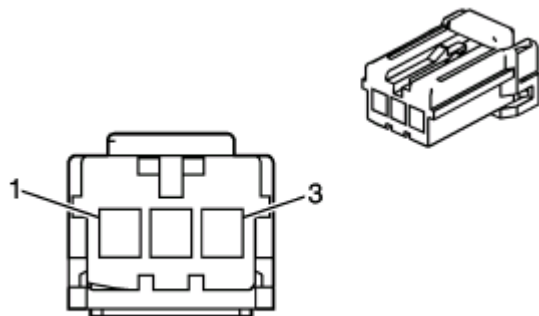
- Terminal/Tray: 7116-1420/11
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 15315247/J-35616-18 (BK)

### Center High Mounted Stop Lamp (CHMSL) (without W49)

Pin	Wire	Circuit	Function
1	0.5 BK	650	Ground
2	0.5 L-BU	1320	Stop Lamp Supply Voltage

### 08 Acadia Clock (W49) - Clock (W49)

Clock (W49)



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### Connector Part Information

- OEM: 15368694
- Service: 88953272
- Description: 3-Way F Multilock 070 Series (WH)

### Terminal Part Information

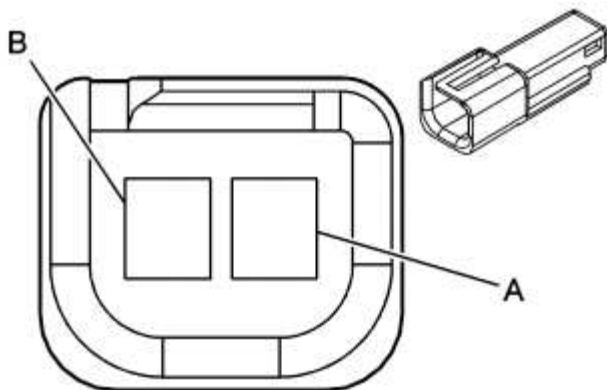
- Terminal/Tray: 173630-7/7
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-33 (YE)

### Clock (W49)

Pin	Wire	Circuit	Function
1	0.35 RD/WH	1840	Battery Positive Voltage
2	0.35 BK	1450	Ground
3	0.35 PU/WH	1382	LED Dimming Signal

### 08 Acadia Console Flood Lamp - Console Flood Lamp

Console Flood Lamp



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### Connector Part Information

- OEM: 12047663
- Service: 12085481
- Description: 2-Way M Metri-Pack 150 Series (BK)

### Terminal Part Information

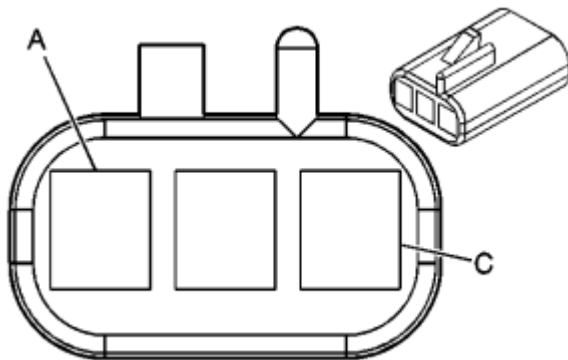
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

### Console Flood Lamp

Pin	Wire	Circuit	Function
A	0.35 BK	850	Ground
B	0.35 PU/WH	1382	LED Dimming Signal

### 08 Acadia Courtesy/Reading Lamps - 2nd Row (without U42) - Courtesy/Reading Lamps - 2nd Row (without U42)

Courtesy/Reading Lamps - 2nd Row (without U42)



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### Connector Part Information

- OEM: 12047781
- Service: 12101864
- Description: 3-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

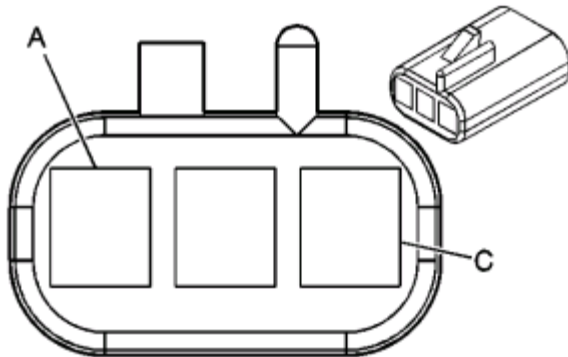
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Courtesy/Reading Lamps - 2nd Row (without U42)

Pin	Wire	Circuit	Function
A	0.5 OG	1732	Courtesy Lamps Supply Voltage
B	0.5 BK	850	Ground
C	0.5 GY/BK	690	Courtesy Lamp High Control

### 08 Acadia Courtesy/Reading Lamps - 2nd Row X1 (C3U with U42) - Courtesy/Reading Lamps - 2nd Row X1 (C3U with U42)

Courtesy/Reading Lamps - 2nd Row X1 (C3U with U42)



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#### Connector Part Information

- OEM: 12047781
- Service: 12101864
- Description: 3-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

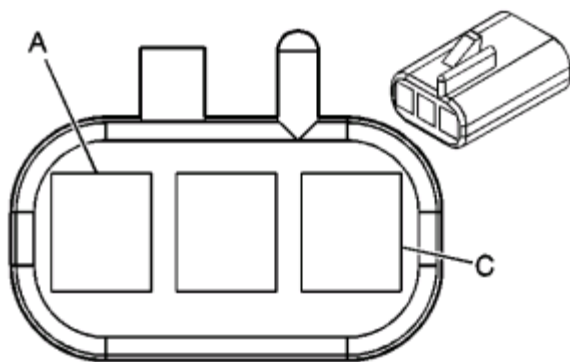
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Courtesy/Reading Lamps - 2nd Row X1 (C3U with U42)

Pin	Wire	Circuit	Function
A	0.5 OG	1732	Courtesy Lamps Supply Voltage
B	0.5 BK	850	Ground
C	0.5 GY/BK	690	Courtesy Lamp High Control

### 08 Acadia Courtesy/Reading Lamps - 2nd Row X2 (C3U with U42) - Courtesy/Reading Lamps - 2nd Row X2 (C3U with U42)

### Courtesy/Reading Lamps - 2nd Row X2 (C3U with U42)



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#### Connector Part Information

- OEM: 12047781
- Service: 12101864
- Description: 3-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

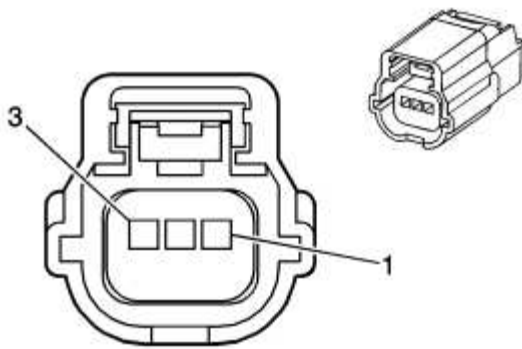
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Courtesy/Reading Lamps - 2nd Row X2 (C3U with U42)

Pin	Wire	Circuit	Function
A	0.5 OG	1732	Courtesy Lamps Supply Voltage
B	0.5 BK	850	Ground
C	0.5 GY/BK	690	Courtesy Lamp High Control

### 08 Acadia Crankshaft Position (CKP) Sensor (LY7) - Crankshaft Position (CKP) Sensor (LY7)

Crankshaft Position (CKP) Sensor (LY7)



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### Connector Part Information

- OEM: 31403-3710
- Service: 88988337
- Description: 3-Way F MX64 Series, Sealed (BK)

### Terminal Part Information

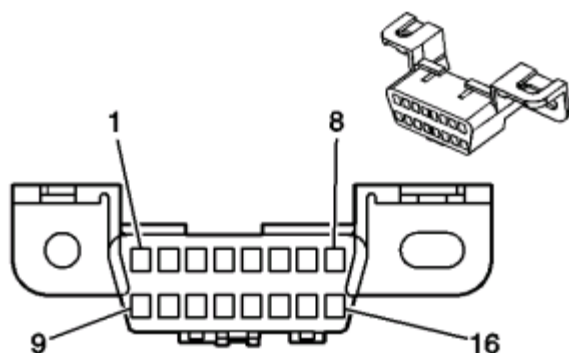
- Terminal/Tray: 33467-0005/23
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: J-38125-213/J-35616-64B (L-BU)

### Crankshaft Position (CKP) Sensor (LY7)

Pin	Wire	Circuit	Function
1	0.5 GY/BK	6272	Low Reference
2	0.5 WH/BK	6271	Crankshaft 60X Sensor Signal
3	0.5 PU/WH	6270	5-Volt Reference

### 08 Acadia Data Link Connector (DLC) - Data Link Connector (DLC)

Data Link Connector (DLC)



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### Connector Part Information

- OEM: 12110250
- Service: See Catalog
- Description: 16-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

- Terminal/Tray: 12129484/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

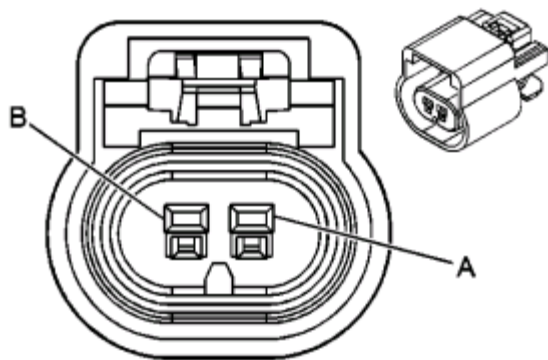
### Data Link Connector (DLC)

Pin	Wire	Circuit	Function
1	0.35 D-GN	5060	Low Speed GMLAN Serial Data
2-3	—	—	Not Used
4	0.5 BK	750	Ground
5	0.35 BK/WH	1551	Ground
6	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+
7-13	—	—	Not Used
14	0.35 TN	2501	High Speed GMLAN Serial Data Bus-
15	—	—	Not Used
16	0.35 RD/WH	1840	Battery Positive Voltage

### 08 Acadia Data Link Resistor (without MH6) - Data Link Resistor (without MH6)

Data Link Resistor (without MH6)





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### Connector Part Information

- OEM: 15326801
- Service: 15306156
- Description: 2-Way F GT 150 Series (BK)

### Terminal Part Information

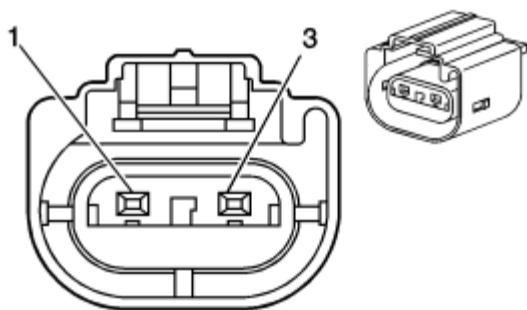
- Terminal/Tray: 15326427/5
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Data Link Resistor (without MH6)

Pin	Wire	Circuit	Function
A	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+
B	0.35 TN	2501	High Speed GMLAN Serial Data Bus-

### 08 Acadia Daytime Running Lamp (DRL) - Left (W49 or Z88 with T61) - Daytime Running Lamp (DRL) - Left (W49 or Z88 with T61)

Daytime Running Lamp (DRL) - Left (W49 or Z88 with T61)



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### Connector Part Information

- OEM: 7900-1486-004
- Service: See Catalog
- Description: 3-Way F Lamp Socket Sealed (BK)

### Terminal Part Information

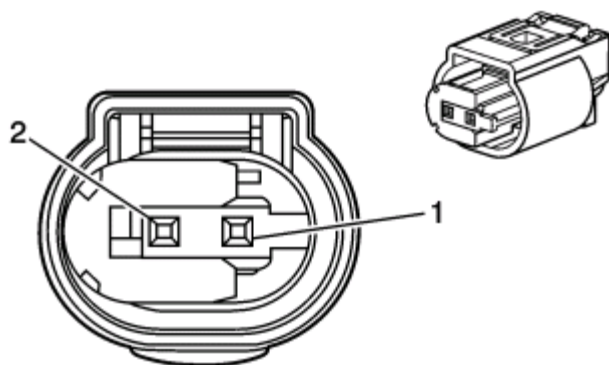
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Daytime Running Lamp (DRL) - Left (W49 or Z88 with T61)

Pin	Wire	Circuit	Function
1	0.8 OG	—	Left DRL/Turn Supply Voltage (Z88)
	0.8 L-BU/WH	—	Left DRL/Turn Supply Voltage (W49)
2	—	—	Not Used
3	0.8 BK	—	Ground

### 08 Acadia Daytime Running Lamp (DRL) - Left (WDA with T61) - Daytime Running Lamp (DRL) - Left (WDA with T61)

Daytime Running Lamp (DRL) - Left (WDA with T61)



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#### Connector Part Information

- OEM: 1-967644-1
- Service: See Catalog
- Description: 2-Way F TYCO Sealed (BK)

#### Terminal Part Information

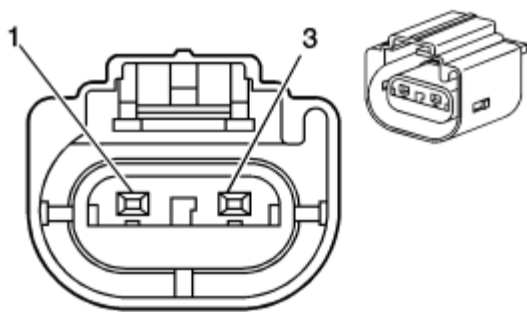
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Daytime Running Lamp (DRL) - Left (WDA with T61)

Pin	Wire	Circuit	Function
1	0.5 BK	-	Ground
2	0.5 PU	-	Left DRL/Turn Supply Voltage

#### 08 Acadia Daytime Running Lamp (DRL) - Right (W49 or Z88 with T61) - Daytime Running Lamp (DRL) - Right (W49 or Z88 with T61)

Daytime Running Lamp (DRL) - Right (W49 or Z88 with T61)



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### Connector Part Information

- OEM: 7900-1486-004
- Service: See Catalog
- Description: 3-Way F Lamp Socket Sealed (BK)

### Terminal Part Information

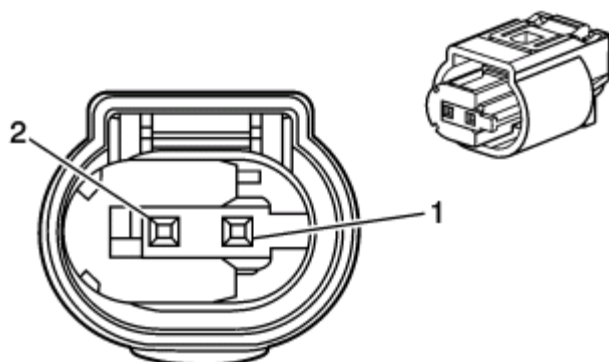
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Daytime Running Lamp (DRL) - Right (W49 or Z88 with T61)

Pin	Wire	Circuit	Function
1	0.8 OG	—	Right DRL/Turn Supply Voltage (Z88)
	0.8 L-BU/WH	—	Right DRL/Turn Supply Voltage (W49)
2	—	—	Not Used
3	0.8 BK	—	Ground

### 08 Acadia Daytime Running Lamp (DRL) - Right (WDA with T61) - Daytime Running Lamp (DRL) - Right (WDA with T61)

Daytime Running Lamp (DRL) - Right (WDA with T61)



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#### Connector Part Information

- OEM: 1-967644-1
- Service: See Catalog
- Description: 2-Way F TYCO Sealed (BK)

#### Terminal Part Information

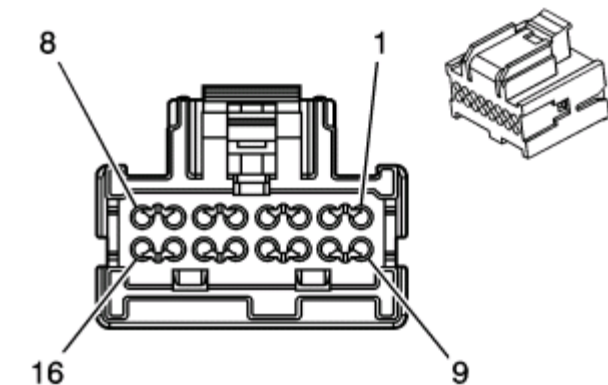
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Daytime Running Lamp (DRL) - Right (WDA with T61)

Pin	Wire	Circuit	Function
1	0.5 BK	-	Ground
2	0.5 PU	-	Right DRL/Turn Supply Voltage

#### 08 Acadia Digital Radio Receiver (U2K) - Digital Radio Receiver (U2K)

Digital Radio Receiver (U2K)



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### Connector Part Information

- OEM: 15394150
- Service: See Catalog
- Description: 16-Way F Micro-Pack 064 Series (BK)

### Terminal Part Information

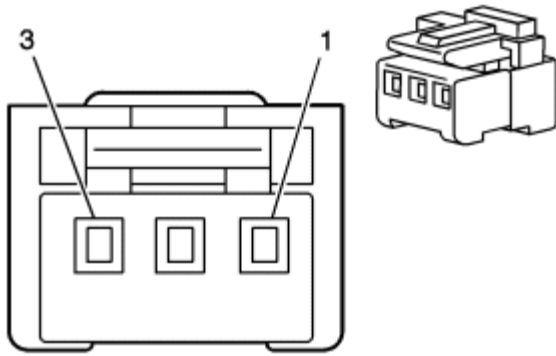
- Terminal/Tray: 15359541/4
- Core/Insulation Crimp: M/M
- Release Tool/Test Probe: 15381651-2/J-35616-64B (L-BU)

### Digital Radio Receiver (U2K)

Pin	Wire	Circuit	Function
1	0.5 TN/WH	372	Left Audio Signal (-)
2	0.5 BN/WH	367	Left Audio Signal (+)
3	0.5 D-GN/WH	368	Right Audio Signal (+)
4	0.5 GY	388	Right Audio Signal (-)
5	0.35 D-GN	5060	Low Speed GMLAN Serial Data
6-8	-	-	Not Used
9	0.5 BK/WH	351	Ground
10-15	-	-	Not Used
16	0.5 RD/WH	2340	Battery Positive Voltage

**08 Acadia Digital Video Disc (DVD) Control Module X1 (SPO Accessory) - Digital Video Disc (DVD) Control Module X1 (SPO Accessory)**

## Digital Video Disc (DVD) Control Module X1 (SPO Accessory)



[Click here for full size](#)

### Connector Part Information

- Harness: SPO Accessory Power
- OEM: Not Available
- Service: Service by Harness - See Part Catalog
- Description: 3-Way F (WH)

### Terminal Part Information

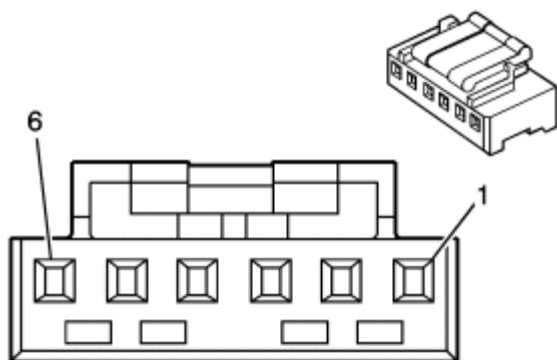
- Terminal/Tray: Service by Harness - See Part Catalog
- Core/Insulation Crimp: Not Available
- Release Tool/Test Probe: Not Available

## Digital Video Disc (DVD) Control Module X1 (SPO Accessory)

Pin	Wire	Circuit	Function
1	BK	—	Ground
2	—	—	Not Used
3	RD	—	Accessory Voltage

## 08 Acadia Digital Video Disc (DVD) Control Module X2 (SPO Accessory) - Digital Video Disc (DVD) Control Module X2 (SPO Accessory)

Digital Video Disc (DVD) Control Module X2 (SPO Accessory)



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### Connector Part Information

- Harness: SPO Accessory Signal Cable 3A
- OEM: Not Available
- Service: Service by Harness - See Part Catalog
- Description: 6-Way F (RD)

### Terminal Part Information

- Terminal/Tray: Service by Harness - See Part Catalog
- Core/Insulation Crimp: Not Available
- Release Tool/Test Probe: Not Available

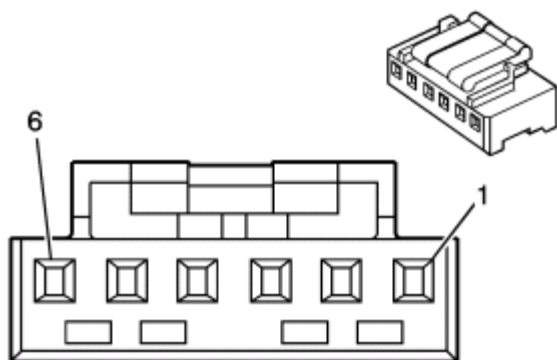
### Digital Video Disc (DVD) Control Module X2 (SPO Accessory)

Pin	Wire	Circuit	Function
1	BK	-	DVD Video (-)
2	YE	-	DVD Video Signal (+)
3	RD	-	Right Audio Signal (+)
4	WH	-	Left Audio Signal (+)
5	BK	-	Ground
6	RD	-	Ignition Voltage

### 08 Acadia Digital Video Disc (DVD) Control Module X3 (SPO Accessory) - Digital Video Disc (DVD) Control Module X3 (SPO Accessory)

Digital Video Disc (DVD) Control Module X3 (SPO Accessory)





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### Connector Part Information

- Harness: SPO Accessory Signal Cable 3A
- OEM: Not Available
- Service: Service by Harness - See Part Catalog
- Description: 6-Way F (WH)

### Terminal Part Information

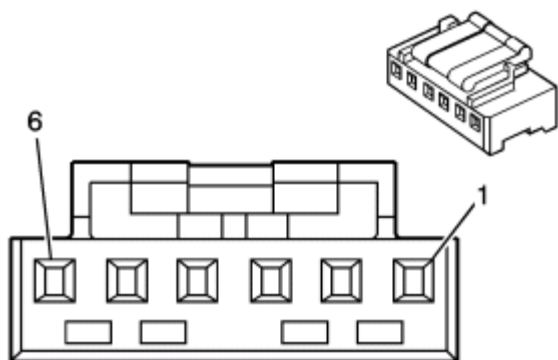
- Terminal/Tray: Service by Harness - See Part Catalog
- Core/Insulation Crimp: Not Available
- Release Tool/Test Probe: Not Available

### Digital Video Disc (DVD) Control Module X3 (SPO Accessory)

Pin	Wire	Circuit	Function
1	BK	-	DVD Video (-)
2	YE	-	DVD Video Signal (+)
3	RD	-	Right Audio Signal (+)
4	WH	-	Left Audio Signal (+)
5	BK	-	I2C Clock Signal
6	RD	-	I2C Data

### 08 Acadia Digital Video Disc (DVD) Control Module X4 (SPO Accessory) - Digital Video Disc (DVD) Control Module X4 (SPO Accessory)

Digital Video Disc (DVD) Control Module X4 (SPO Accessory)



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### Connector Part Information

- Harness: SPO Accessory Signal Cable 3B
- OEM: Not Available
- Service: Service by Harness - See Part Catalog
- Description: 6-Way F (BK)

### Terminal Part Information

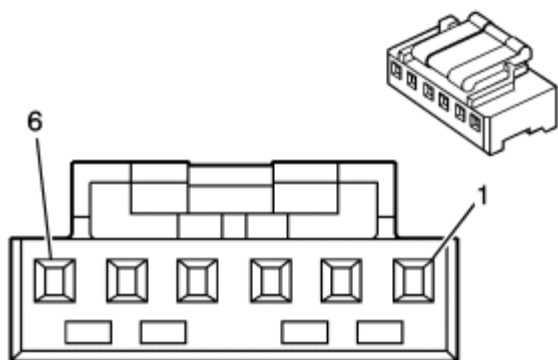
- Terminal/Tray: Service by Harness - See Part Catalog
- Core/Insulation Crimp: Not Available
- Release Tool/Test Probe: Not Available

### Digital Video Disc (DVD) Control Module X4 (SPO Accessory)

Pin	Wire	Circuit	Function
1	BK	—	DVD Video (-)
2	YE	—	DVD Video Signal (+)
3	RD	—	Right Audio Signal (+)
4	WH	—	Left Audio Signal (+)
5	BK	—	Ground
6	RD	—	Ignition Voltage

### 08 Acadia Digital Video Disc (DVD) Control Module X5 (SPO Accessory) - Digital Video Disc (DVD) Control Module X5 (SPO Accessory)

Digital Video Disc (DVD) Control Module X5 (SPO Accessory)



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### Connector Part Information

- Harness: SPO Accessory Signal Cable 3B
- OEM: Not Available
- Service: Service by Harness - See Part Catalog
- Description: 6-Way F (BU)

### Terminal Part Information

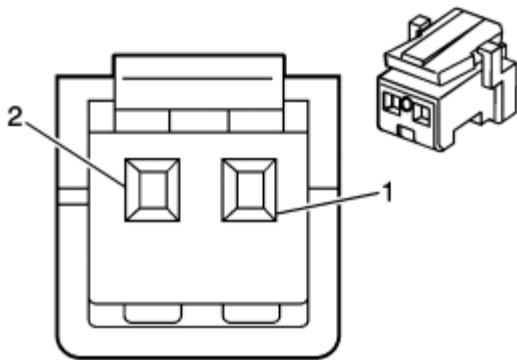
- Terminal/Tray: Service by Harness - See Part Catalog
- Core/Insulation Crimp: Not Available
- Release Tool/Test Probe: Not Available

### Digital Video Disc (DVD) Control Module X5 (SPO Accessory)

Pin	Wire	Circuit	Function
1	BK	-	DVD Video (-)
2	YE	-	DVD Video Signal (+)
3	RD	-	Right Audio Signal (+)
4	WH	-	Left Audio Signal (+)
5	BK	-	I2C Clock Signal
6	RD	-	I2C Data

### 08 Acadia Digital Video Disc (DVD) Control Module X6 (SPO Accessory) - Digital Video Disc (DVD) Control Module X6 (SPO Accessory)

Digital Video Disc (DVD) Control Module X6 (SPO Accessory)



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#### Connector Part Information

- Harness: SPO Accessory FM Antenna
- OEM: Not Available
- Service: Service by Harness - See Part Catalog
- Description: 2-Way F (WH)

#### Terminal Part Information

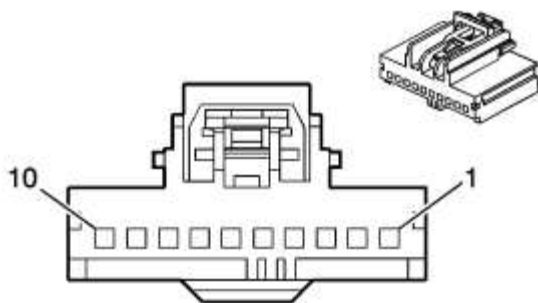
- Terminal/Tray: Service by Harness - See Part Catalog
- Core/Insulation Crimp: Not Available
- Release Tool/Test Probe: Not Available

#### Digital Video Disc (DVD) Control Module X6 (SPO Accessory)

Pin	Wire	Circuit	Function
1	YE	—	FM Antenna
2	BK	—	FM Antenna

#### 08 Acadia Digital Video Disc (DVD) Display (U42) - Digital Video Disc (DVD) Display (U42)

Digital Video Disc (DVD) Display (U42)



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### Connector Part Information

- OEM: 15490628
- Service: 89047355
- Description: 10-Way F Kaizen 0.64 Series (BK)

### Terminal Part Information

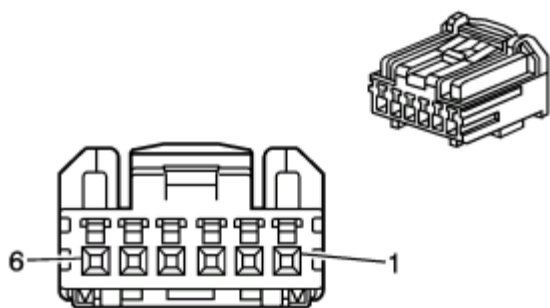
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Digital Video Disc (DVD) Display (U42)

Pin	Wire	Circuit	Function
1	0.35 D-GN	6975	DVD Video Signal (+)
2	0.35 WH/BK	5335	DVD Video Signal (-)
3-5	-	-	Not Used
6	0.5 BK/WH	351	Ground
7	0.5 RD/WH	2340	Battery Positive Voltage
8	0.35 WH	7066	Entertainment Remote Enable Signal
9	0.35 PK/BK	5844	Video Bright Control
10	0.35 L-GN/BK	5845	Video Mode Signal

### 08 Acadia Digital Video Disc (DVD) Display - Driver Seat Headrest X1 (SPO Accessory) - Digital Video Disc (DVD) Display - Driver Seat Headrest X1 (SPO Accessory)

Digital Video Disc (DVD) Display - Driver Seat Headrest X1 (SPO Accessory)



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### Connector Part Information

- Harness: SPO Accessory Signal Cable
- OEM: Not Available
- Service: Service by Harness - See Part Catalog
- Description: 6-Way F (RD)

### Terminal Part Information

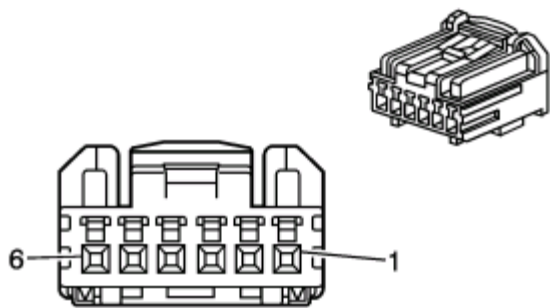
- Terminal/Tray: Service by Harness - See Part Catalog
- Core/Insulation Crimp: Not Available
- Release Tool/Test Probe: Not Available

### Digital Video Disc (DVD) Display - Driver Seat Headrest X1 (SPO Accessory)

Pin	Wire	Circuit	Function
1	BK	-	DVD Video (-)
2	YE	-	DVD Video Signal (+)
3	RD	-	Right Audio Signal (+)
4	WH	-	Left Audio Signal (+)
5	BK	-	Ground
6	RD	-	Ignition Voltage

### 08 Acadia Digital Video Disc (DVD) Display - Driver Seat Headrest X2 (SPO Accessory) - Digital Video Disc (DVD) Display - Driver Seat Headrest X2 (SPO Accessory)

Digital Video Disc (DVD) Display - Driver Seat Headrest X2 (SPO Accessory)



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### Connector Part Information

- Harness: SPO Accessory Signal Cable
- OEM: Not Available
- Service: Service by Harness - See Part Catalog
- Description: 6-Way F (WH)

### Terminal Part Information

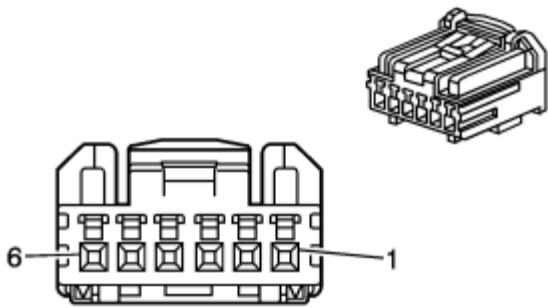
- Terminal/Tray: Service by Harness - See Part Catalog
- Core/Insulation Crimp: Not Available
- Release Tool/Test Probe: Not Available

### Digital Video Disc (DVD) Display - Driver Seat Headrest X2 (SPO Accessory)

Pin	Wire	Circuit	Function
1	BK	-	DVD Video (-)
2	YE	-	DVD Video Signal (+)
3	RD	-	Right Audio Signal (+)
4	WH	-	Left Audio Signal (+)
5	BK	-	I2C Clock Signal
6	RD	-	I2C Data

### 08 Acadia Digital Video Disc (DVD) Display - Passenger Seat Headrest X1 (SPO Accessory) - Digital Video Disc (DVD) Display - Passenger Seat Headrest X1 (SPO Accessory)

Digital Video Disc (DVD) Display - Passenger Seat Headrest X1 (SPO Accessory)



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### Connector Part Information

- Harness: SPO Accessory Signal Cable
- OEM: Not Available
- Service: Service by Harness - See Part Catalog
- Description: 6-Way F (BK)

### Terminal Part Information

- Terminal/Tray: Service by Harness - See Part Catalog
- Core/Insulation Crimp: Not Available
- Release Tool/Test Probe: Not Available

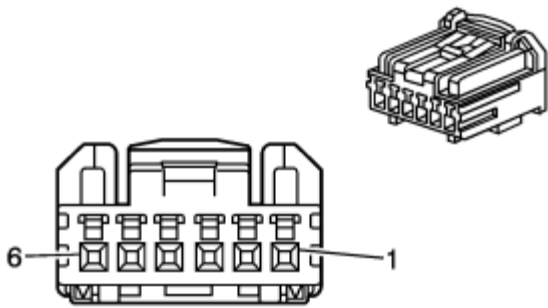
### Digital Video Disc (DVD) Display - Passenger Seat Headrest X1 (SPO Accessory)

Pin	Wire	Circuit	Function
1	BK	-	DVD Video (-)
2	YE	-	DVD Video Signal (+)
3	RD	-	Right Audio Signal (+)
4	WH	-	Left Audio Signal (+)
5	BK	-	Ground
6	RD	-	Ignition Voltage

### 08 Acadia Digital Video Disc (DVD) Display - Passenger Seat Headrest X2 (SPO Accessory) - Digital Video Disc (DVD) Display - Passenger Seat Headrest X2 (SPO Accessory)

Digital Video Disc (DVD) Display - Passenger Seat Headrest X2 (SPO Accessory)





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### Connector Part Information

- Harness: SPO Accessory Signal Cable
- OEM: Not Available
- Service: Service by Harness - See Part Catalog
- Description: 6-Way F (BU)

### Terminal Part Information

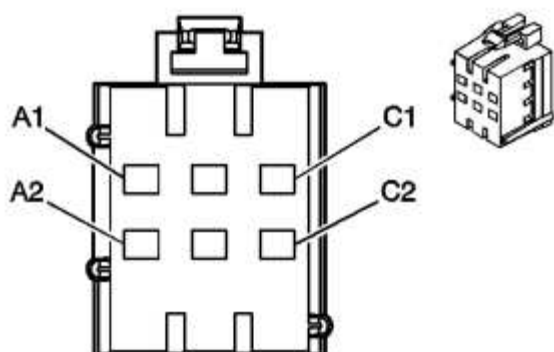
- Terminal/Tray: Service by Harness - See Part Catalog
- Core/Insulation Crimp: Not Available
- Release Tool/Test Probe: Not Available

## Digital Video Disc (DVD) Display - Passenger Seat Headrest X2 (SPO Accessory)

Pin	Wire	Circuit	Function
1	BK	-	DVD Video (-)
2	YE	-	DVD Video Signal (+)
3	RD	-	Right Audio Signal (+)
4	WH	-	Left Audio Signal (+)
5	BK	-	I2C Clock Signal
6	RD	-	I2C Data

## 08 Acadia Digital Video Disc Relay (SPO Accessory) - Digital Video Disc Relay (SPO Accessory)

Digital Video Disc Relay (SPO Accessory)



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### Connector Part Information

- Harness: SPO Accessory Power
- OEM: 12129715
- Service: 12129715
- Description: 6-Way F Metri-Pack 280 Series, Flexlock (GY)

### Terminal Part Information

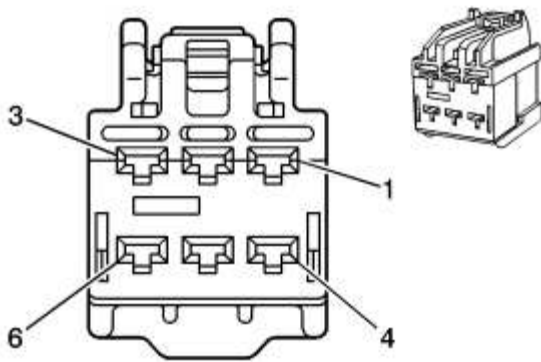
- Terminal/Tray: Service by Harness - See Part Catalog
- Core/Insulation Crimp: Not Available
- Release Tool/Test Probe: Not Available

### Digital Video Disc Relay (SPO Accessory)

Pin	Wire	Circuit	Function
A1	0.5 BK	150	Ground
A2	0.5 OG	140	Battery Positive Voltage
B-12	—	—	Not Used
C1	0.5 PK/BK	1739	Ignition Voltage
C2	0.5 PK	739	Ignition Voltage

### 08 Acadia Door Control Module - Passenger X1 (AXC or AXE) - Door Control Module - Passenger X1 (AXC or AXE)

Door Control Module - Passenger X1 (AXC or AXE)



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### Connector Part Information

- OEM: 6098-4607
- Service: 88988497
- Description: 6-Way F 2.8mm PBT (BK)

### Terminal Part Information

- Pins: 1-3, 5
- Terminal/Tray: 8100-4445/22
- Core/Insulation Crimp: 4/4
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)
- Pins: 4
- Terminal/Tray: 8100-4444/22
- Core/Insulation Crimp: 2/A
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)

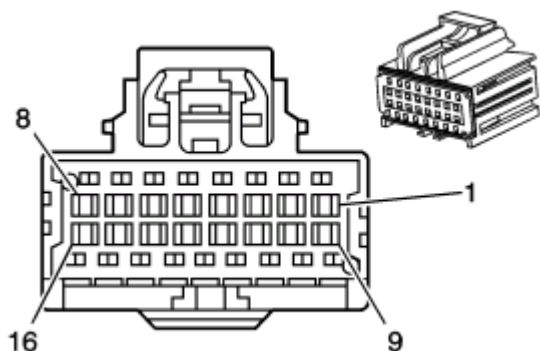
### Door Control Module - Passenger X1 (AXC or AXE)

Pin	Wire	Circuit	Function
1	2 BN	667	Power Window Motor Right Front Down Control (AXE)
2	2 RD/WH	3340	Battery Positive Voltage (AXE)
3	2 D-BU	666	Power Window Motor Right Front Up Control (AXE)
4	0.8 RD/WH	840	Battery Positive Voltage (AXC or AXE)
5	2 BK	750	Ground (AXC or AXE)
6	-	-	Not Used

### 08 Acadia Door Control Module - Passenger X2 (AXC or AXE) -

## Door Control Module - Passenger X2 (AXC or AXE)

Door Control Module - Passenger X2 (AXC or AXE)



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### Connector Part Information

- OEM: 7283-9078-80
- Service: See Catalog
- Description: 16-Way F Kaizen 0.64 Series (BN)

### Terminal Part Information

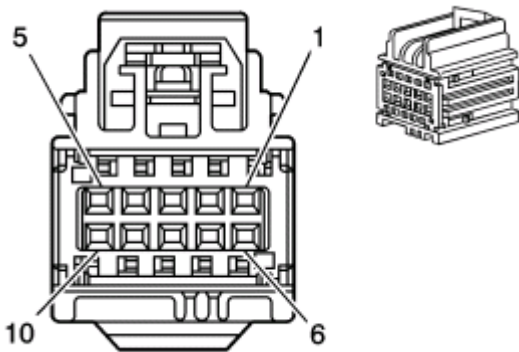
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

## Door Control Module - Passenger X2 (AXC or AXE)

Pin	Wire	Circuit	Function
1-2	—	—	Not Used
3	0.35 D-BU	6133	Linear Interconnect Network Bus (AXC)
4	—	—	Not Used
5	0.5 YE	5943	Low Reference
6-8	—	—	Not Used
9	0.35 D-GN	5060	Low Speed GMLAN Serial Data
10	—	—	Not Used
11	0.5 L-GN	1177	Door Open Switch Signal
12	—	—	Not Used
13	0.5 TN/WH	746	Right Front Door Ajar Switch Signal
14-16	—	—	Not Used

## 08 Acadia Door Control Module - Passenger X3 (AXC or AXE) - Door Control Module - Passenger X3 (AXC or AXE)

Door Control Module - Passenger X3 (AXC or AXE)



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### Connector Part Information

- OEM: 7283-9040-30
- Service: See Catalog
- Description: 10-Way F YESC Kaizen Series (BK)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

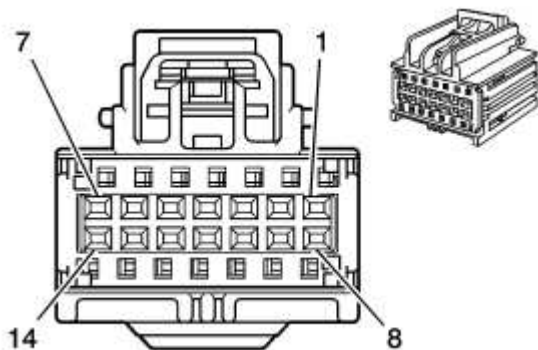
### Door Control Module - Passenger X3 (AXC or AXE)

Pin	Wire	Circuit	Function
1	0.35 OG/BK	6162	Outside Right Mirror Right Front Up Control (A45 with DNP or DS3)
2	0.35 GY/BK	6161	Outside Right Mirror Horizontal Position Control (A45 with DNP or DS3)
3	0.5 D-GN	628	Low Reference (A45 with DNP or DS3)
4-5	—	—	Not Used
6	0.35 WH	7196	Outside Right Mirror Drive Motor Common (A45 with DNP or DS3)
7	0.5 OG	2267	Mirror Heating Element Supply Voltage (A45 with DNP or DS3)

8	0.35 PK/BK	5862	Low Reference (UFT)
9-10	—	—	Not Used

## 08 Acadia Door Control Module - Passenger X4 (AXC or AXE) - Door Control Module - Passenger X4 (AXC or AXE)

Door Control Module - Passenger X4 (AXC or AXE)



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### Connector Part Information

- OEM: 7283-9065-40
- Service: See Catalog
- Description: 14-Way F Kaizen 0.64 Series (L-GY)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

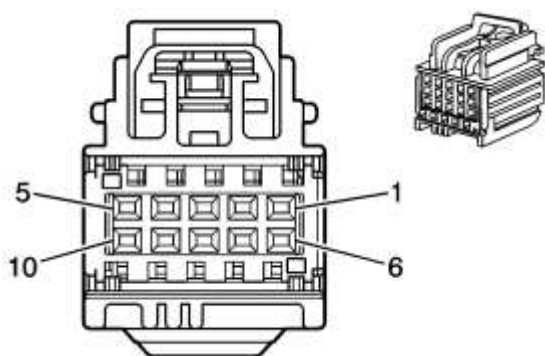
### Door Control Module - Passenger X4 (AXC or AXE)

Pin	Wire	Circuit	Function
1	0.35 WH/BK	6185	Passenger Heated Seat Medium Indicator Control (A45 with KA1)
2	0.35 YE	1685	Passenger Heated Seat High Temperature Indicator Control (A45 with KA1)
3-5	—	—	Not Used
6	0.35 D-BU	6180	Low Reference (A45 with KA1)

7	0.35 GY	6182	Low Reference (A45 with KA1)
8	—	—	Not Used
9	0.35 TN	1686	Passenger Heated Seat Low Temperature Indicator Control (A45 with KA1)
10	0.35 BN	6179	5-Volt Reference (A45 with KA1)
11	0.35 PU	6181	5-Volt Reference (A45 with KA1)
12-14	—	—	Not Used

## 08 Acadia Door Control Module - Passenger X7 (AXC or AXE) - Door Control Module - Passenger X7 (AXC or AXE)

Door Control Module - Passenger X7 (AXC or AXE)



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### Connector Part Information

- OEM: 7283-9045
- Service: See Catalog
- Description: 10-Way F 064 Series Unsealed (WH)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

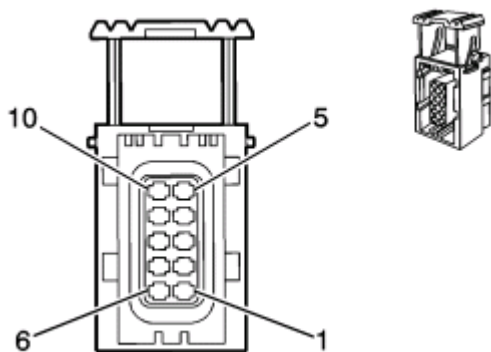
## Door Control Module - Passenger X7 (AXC or AXE)


Pin	Wire	Circuit	Function
1	0.35 YE	6804	Driver Mirror Motor Down Control (DNP)
2	0.35 L-BU	6805	Right Extend Motor Retract/Unfold Control (DNP)

3	—	—	Not Used
4	0.35 BN	787	Passenger Mirror Vertical Position Sensor Signal (A45 with DNP or DS3)
5	0.35 L-BU/BK	785	Passenger Mirror Horizontal Position Sensor Signal (A45 with DNP or DS3)
6	—	—	Not Used
7	0.35 YE	674	5-Volt Reference (A45 with DNP or DS3)
8	0.35 PK	5861	Passenger Side Object Detection LED Signal (UFT)
9	—	—	Not Used
10	0.35 L-GN	675	Low Reference (A45 with DNP or DS3)

## 08 Acadia Door Latch - Driver - Door Latch - Driver

Door Latch - Driver



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### Connector Part Information

- OEM: 6-1355688-1
- Service: See Catalog
- Description: 10-Way F 1.2 Micro III Timer (BK)

### Terminal Part Information

- Terminal/Tray: 4-969005-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-560/J-35616-33 (YE)

### Door Latch - Driver

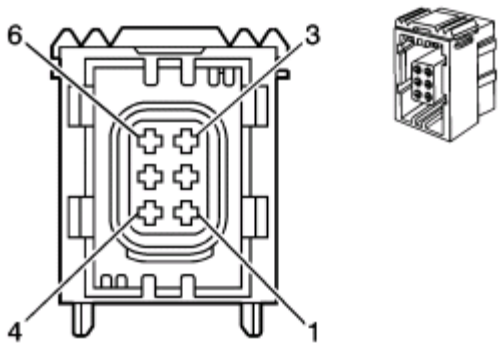
Pin	Wire	Circuit	Function
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1	—	—	Not Used
2	0.8 TN	694	Driver Door Lock Actuator Unlock Control (without AXC or AXE)
	0.5 TN	694	Driver Door Lock Actuator Unlock Control (AXC or AXE)
3	0.8 GY	295	Door Lock Actuator Lock Control (without AXC or AXE)
	0.5 GY	295	Door Lock Actuator Lock Control (AXC or AXE)
4-5	—	—	Not Used
6	0.5 GY/BK	745	Left Front Door Ajar Switch Signal
7	0.5 TN	126	Left Front Door Open Switch Signal
8	0.5 YE	5942	Low Reference (AXC or AXE)
	0.35 BK	550	Ground (without AXC or AXE)
9	0.5 L-GN	262	Driver Door Key Switch Signal
10	—	—	Not Used

## 08 Acadia Door Latch - Left Rear - Door Latch - Left Rear

Door Latch - Left Rear



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### Connector Part Information

- OEM: 6-1355683-1
- Service: 88986251
- Description: 6-Way F Sealed Series (BK)

### Terminal Part Information

- Pins: 2-6

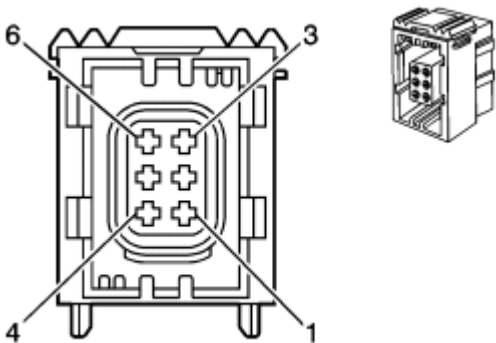
- Terminal/Tray: 4-969005-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-560/J-35616-33 (YE)

### Door Latch - Left Rear

Pin	Wire	Circuit	Function
1	—	—	Not Used
2	0.8 TN	294	Door Lock Actuator Unlock Control
3	0.8 GY	295	Door Lock Actuator Lock Control
4	0.5 L-BU/BK	747	Left Rear Door Ajar Switch Signal
5	0.5 D-BU/WH	1179	Left Rear Door Open Switch Signal
6	0.5 BK	550	Ground

### 08 Acadia Door Latch - Passenger - Door Latch - Passenger

Door Latch - Passenger



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#### Connector Part Information

- OEM: 6-1355683-1
- Service: 88986251
- Description: 6-Way F Sealed Series (BK)

#### Terminal Part Information

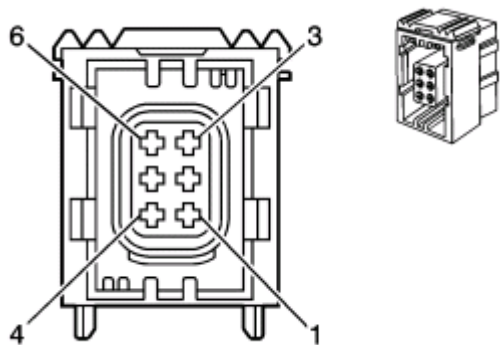
- Terminal/Tray: 4-969005-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-560/J-35616-33 (YE)

**Door Latch - Passenger**

Pin	Wire	Circuit	Function
1	0.5 TN/WH	746	Right Front Door Ajar Switch Signal
2	0.35 D-BU/WH	1179	Left Rear Door Open Switch Signal (without AXC or AXE)
	0.5 L-GN	1177	Door Open Switch Signal (AXC or AXE)
3	0.5 YE	5943	Low Reference (AXC or AXE)
	0.35 BK	750	Ground (without AXC or AXE)
4	—	—	Not Used
5	0.5 TN	294	Door Lock Actuator Unlock Control (AXC or AXE)
	0.8 TN	294	Door Lock Actuator Unlock Control (without AXC or AXE)
6	0.8 GY	295	Door Lock Actuator Lock Control (without AXC or AXE)
	0.5 GY	295	Door Lock Actuator Lock Control (AXC or AXE)

**08 Acadia Door Latch - Right Rear - Door Latch - Right Rear**

Door Latch - Right Rear


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**Connector Part Information**

- OEM: 6-1355683-1
- Service: 88986251
- Description: 6-Way F Sealed Series (BK)

**Terminal Part Information**

- Pins: 1-3, 5, 6

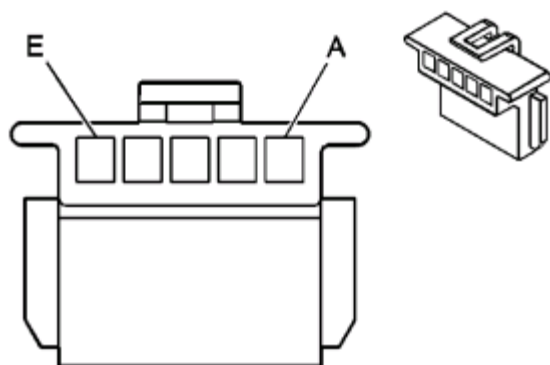
- Terminal/Tray: 964274-2/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-560/J-35616-33 (YE)

### Door Latch - Right Rear

Pin	Wire	Circuit	Function
1	0.5 L-GN/BK	748	Right Rear Door Ajar Switch Signal
2	0.5 D-BU/WH	1179	Left Rear Door Open Switch Signal
3	0.5 BK	750	Ground
4	—	—	Not Used
5	0.8 TN	294	Door Lock Actuator Unlock Control
6	0.8 GY	295	Door Lock Actuator Lock Control

### 08 Acadia Door Lock Switch - Driver (without AXC or AXE) - Door Lock Switch - Driver (without AXC or AXE)

Door Lock Switch - Driver (without AXC or AXE)



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#### Connector Part Information

- OEM: 12124997
- Service: 12167130
- Description: 5-Way F Metri-Pack 150 Series, Unsealed (BK)

#### Terminal Part Information

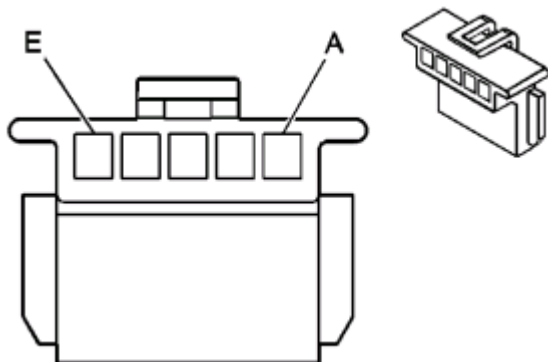
- Terminal/Tray: 12103359/18
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

**Door Lock Switch - Driver (without AXC or AXE)**

Pin	Wire	Circuit	Function
A	0.35 GY	8	Instrument Panel Lamp Supply Voltage
B	0.35 BK	550	Ground
C	-	-	Not Used
D	0.5 OG/BK	781	Driver Door Lock Switch Unlock Signal (WDA)
	0.5 PK/BK	780	Driver Door Lock Switch Lock Signal (Z88)
E	0.5 PK/BK	780	Driver Door Lock Switch Lock Signal (WDA)
	0.5 OG/BK	781	Driver Door Lock Switch Unlock Signal (Z88)

**08 Acadia Door Lock Switch - Passenger (without AXC or AXE)  
- Door Lock Switch - Passenger (without AXC or AXE)**

Door Lock Switch - Passenger (without AXC or AXE)



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**Connector Part Information**

- OEM: 12124997
- Service: 12167130
- Description: 5-Way F Metri-Pack 150 Series, Unsealed (BK)

**Terminal Part Information**

- Terminal/Tray: 12103359/18
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

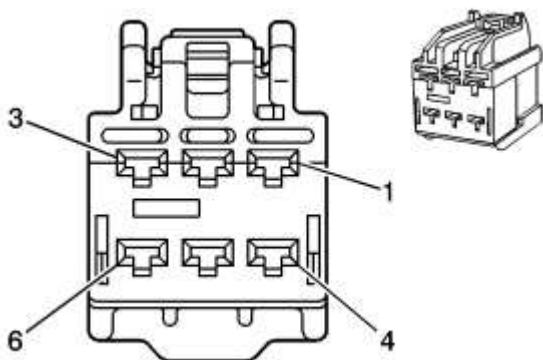
**Door Lock Switch - Passenger (without AXC or AXE)**

Pin	Wire	Circuit	Function
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A	0.35 GY	8	Instrument Panel Lamp Supply Voltage
B	0.35 BK	750	Ground
C	—	—	Not Used
D	0.5 D-BU	245	Passenger Door Lock Switch Unlock
E	0.5 L-BU	244	Passenger Door Lock Switch Lock

## 08 Acadia Driver Door Module (DDM) X1 (AXC or AXE) - Driver Door Module (DDM) X1 (AXC or AXE)

Driver Door Module (DDM) X1 (AXC or AXE)



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### Connector Part Information

- OEM: 6098-4607
- Service: 88988497
- Description: 6-Way F 2.8mm PBT (BK)

### Terminal Part Information

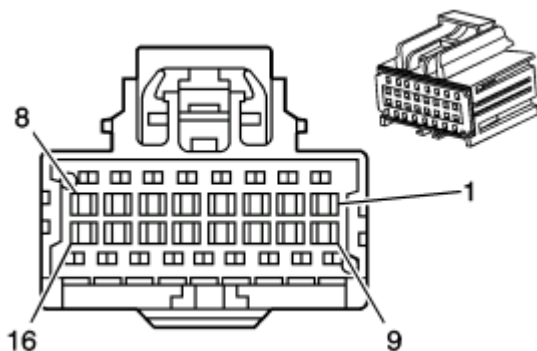
- Pins: 4
- Terminal/Tray: 8100-4444/22
- Core/Insulation Crimp: 2/A
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)
- Pins: 5
- Terminal/Tray: 8100-4445/22
- Core/Insulation Crimp: 4/4
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)

### Driver Door Module (DDM) X1 (AXC or AXE)

Pin	Wire	Circuit	Function
1-3	—	—	Not Used
4	1 RD/WH	3240	Battery Positive Voltage
5	2 BK	550	Ground
6	—	—	Not Used

### 08 Acadia Driver Door Module (DDM) X2 (AXC or AXE) - Driver Door Module (DDM) X2 (AXC or AXE)

Driver Door Module (DDM) X2 (AXC or AXE)



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#### Connector Part Information

- OEM: 7283-9078-80
- Service: See Catalog
- Description: 16-Way F Kaizen 0.64 Series (BN)

#### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

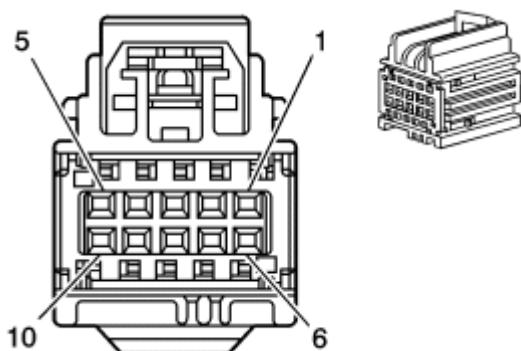
### Driver Door Module (DDM) X2 (AXC or AXE)

Pin	Wire	Circuit	Function
1-2	—	—	Not Used
3	0.35 BN	6132	Linear Interconnect Network Bus
4	0.5 L-GN	262	Driver Door Key Switch Signal
5	0.5 YE	5942	Low Reference

6-8	—	—	Not Used
9	0.35 D-GN	5060	Low Speed GMLAN Serial Data
10	—	—	Not Used
11	0.5 TN	126	Left Front Door Open Switch Signal
12	—	—	Not Used
13	0.5 GY/BK	745	Left Front Door Ajar Switch Signal
14-16	—	—	Not Used

## 08 Acadia Driver Door Module (DDM) X3 (AXC or AXE) - Driver Door Module (DDM) X3 (AXC or AXE)

Driver Door Module (DDM) X3 (AXC or AXE)



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### Connector Part Information

- OEM: 7283-9040-30
- Service: See Catalog
- Description: 10-Way F YESC Kaizen Series (BK)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Driver Door Module (DDM) X3 (AXC or AXE)

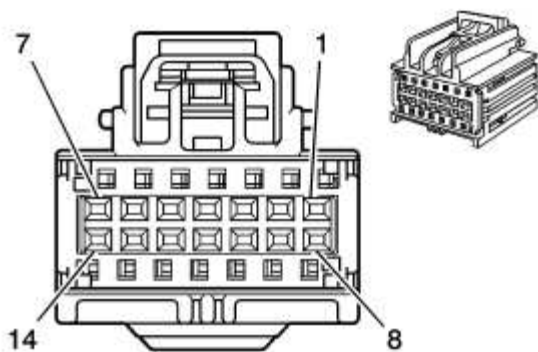
Pin	Wire	Circuit	Function
1	0.35 D-BU/WH	6160	Outside Left Mirror Vertical Position Control



2	0.35 D-GN/WH	6159	Outside Left Mirror Horizontal Position Control
3	0.5 L-GN	627	Low Reference
4-5	—	—	Not Used
6	0.35 WH	7197	Outside Left Mirror Drive Motor Common
7	0.5 OG	2267	Mirror Heating Element Supply Voltage
8	0.35 PK/BK	5855	Low Reference (UFT)
9-10	—	—	Not Used

## 08 Acadia Driver Door Module (DDM) X4 (AXC or AXE) - Driver Door Module (DDM) X4 (AXC or AXE)

Driver Door Module (DDM) X4 (AXC or AXE)



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### Connector Part Information

- OEM: 7283-9065-40
- Service: See Catalog
- Description: 14-Way F Kaizen 0.64 Series (L-GY)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

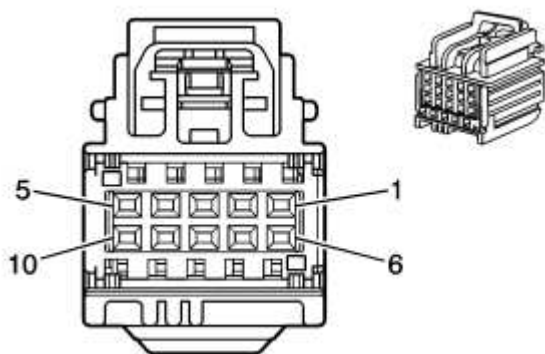
## Driver Door Module (DDM) X4 (AXC or AXE)

Pin	Wire	Circuit	Function
1	0.35 WH/BK	6177	Driver Heated Seat Medium Indicator Control (A45 with KA1)

2	0.35 D-GN	1661	Driver Heated Seat High Temperature Indicator Control (A45 with KA1)
3	—	—	Not Used
4	0.35 D-BU/WH	5978	Low Reference (AG3)
5	0.35 OG	614	Memory Set Switch Signal (AG3)
6	0.35 D-BU	6172	Driver Heated Seat Switch Back Cushion Signal (A45 with KA1)
7	0.35 GY	6175	Driver Heated Seat Switch Back Signal (A45 with KA1)
8	—	—	Not Used
9	0.35 L-BU	1662	Driver Heated Seat Low Temperature Indicator Control (A45 with KA1)
10	0.35 BN	6173	Driver Heated Seat Switch Back Cushion LED (A45 with KA1)
11	0.35 PU	6174	Driver Heated Seat Switch Back LED (A45 with KA1)
12	—	—	Not Used
13	0.35 BN/WH	6064	Memory Switch Dimming Control (AG3)
14	0.35 GY/BK	5979	Memory Seat Switch Exit Signal (AG3)

## 08 Acadia Driver Door Module (DDM) X7 (AXC or AXE) - Driver Door Module (DDM) X7 (AXC or AXE)

Driver Door Module (DDM) X7 (AXC or AXE)



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### Connector Part Information

- OEM: 7283-9045
- Service: See Catalog
- Description: 10-Way F 064 Series Unsealed (WH)

**Terminal Part Information**

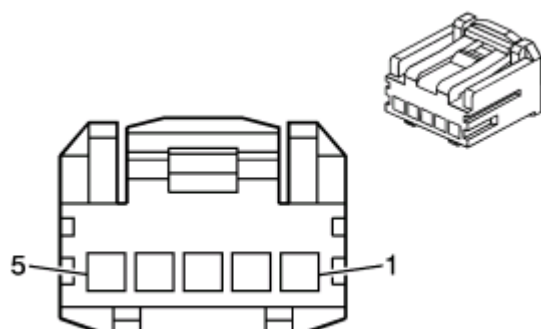
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

**Driver Door Module (DDM) X7 (AXC or AXE)**

Pin	Wire	Circuit	Function
1	0.35 YE	6802	Left Extend/Fold Mirror Motor Extend Control (DNP)
2	0.35 L-BU	6803	Passenger Mirror Motor Down Control (DNP)
3	—	—	Not Used
4	0.35 D-GN	784	Driver Mirror Vertical Position Sensor Signal (A45 with DNP or DS3)
5	0.35 GY	786	Driver Mirror Horizontal Position Sensor Signal (A45 with DNP or DS3)
6	—	—	Not Used
7	0.35 D-BU	672	5-Volt Reference (A45 with DNP or DS3)
8	0.35 PK	5853	Low Reference (UFT)
9	—	—	Not Used
10	0.35 BN	673	Low Reference (A45 with DNP or DS3)

**08 Acadia Driver Information Center (DIC) Switch (UH9) - Driver Information Center (DIC) Switch (UH9)**

Driver Information Center (DIC) Switch (UH9)



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**Connector Part Information**

- OEM: 15491277
- Service: 88988747
- Description: 5-Way F HCM 5PA Series (BK)

#### Terminal Part Information

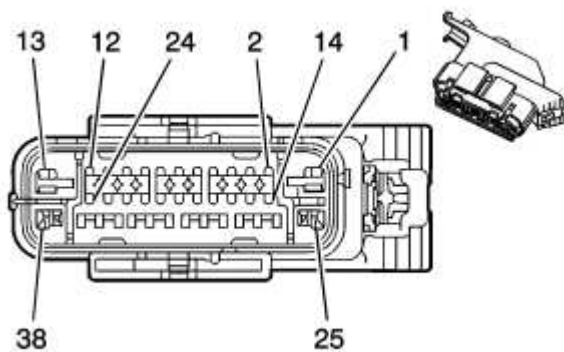
- Terminal/Tray: SHCM-A03T-P025/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

#### Driver Information Center (DIC) Switch (UH9)

Pin	Wire	Circuit	Function
1	0.35 D-GN/WH	1358	DIC Switch Signal
2	0.35 BN	897	Low Reference
3	0.35 PK	893	DIC Select Menu Switch Signal
4	0.35 PU/WH	1382	LED Dimming Signal
5	0.35 BK	1450	Ground

#### 08 Acadia Electronic Brake Control Module (EBCM) - Electronic Brake Control Module (EBCM)

Electronic Brake Control Module (EBCM)



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#### Connector Part Information

- OEM: 31381-1005
- Service: See Catalog
- Description: 38-Way F 2.8 Series, Sealed (BK)

**Terminal Part Information**

- Pins: 1, 13, 25, 38
- Terminal/Tray: 15304720/19
- Core/Insulation Crimp: 4/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: 2, 3, 5, 6, 10-12, 14-16, 18-20, 21, 24, 26-28, 31-35, 37
- Terminal/Tray: SAIT-A03T-M064/14
- Core/Insulation Crimp: 9/9
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

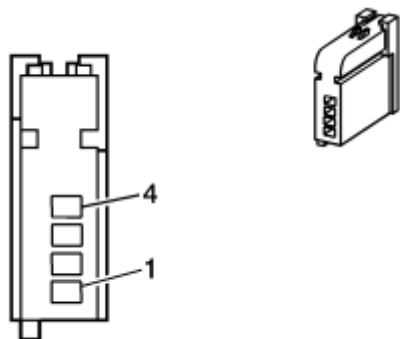
**Electronic Brake Control Module (EBCM)**

Pin	Wire	Circuit	Function
1	3 RD/BK	142	Battery Positive Voltage
2	0.5 GY	6031	5-Volt Reference
3	0.5 WH	320	Engine Mount Solenoid Control (W49)
4	—	—	Not Used
5	0.5 WH	1294	Variable Effort Steering Actuator Supply Voltage (NV7)
6	0.5 TN	833	Low Reference
7-9	—	—	Not Used
10	0.5 OG	6030	Brake Vacuum Sensor Signal
11	0.5 D-GN/WH	817	Vehicle Speed Signal (U3R or UZR or UVB)
12	0.5 L-BU	2088	Low Reference
13	3 BK/WH	251	Ground
14	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
15	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
16	0.5 YE/BK	6032	Low Reference
17	—	—	Not Used
18	0.5 D-GN	872	Right Front Wheel Speed Sensor Signal
19	0.5 BN	882	Right Rear Wheel Speed Sensor Signal
20	0.5 OG	885	Low Reference
21	0.5 L-BU	830	Left Front Wheel Speed Sensor Signal
22-23	—	—	Not Used
24	0.5 L-GN/BK	6432	CAN Bus Low Serial Data
25	2 RD/WH	3540	Battery Positive Voltage

26	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
27	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
28	0.5 BN	1295	Variable Effort Steering Actuator Control (NV7)
29-30	—	—	Not Used
31	0.5 WH	883	Low Reference
32	0.5 D-GN	2087	5-Volt Reference
33	0.5 TN	884	Left Rear Wheel Speed Sensor Signal
34	0.5 YE	873	Low Reference
35	0.5 L-BU	5986	Communication Enable
36	—	—	Not Used
37	0.5 TN/WH	6433	CAN Bus High Serial Data
38	2 BK/WH	251	Ground

## 08 Acadia Electronic Compass Module (COM) - Electronic Compass Module (COM)

Electronic Compass Module (COM)



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### Connector Part Information

- OEM: 88988900
- Service: See Catalog
- Description: 4-Way F AIT2PB-04A-1 AKAIT II Series (BK)

### Terminal Part Information

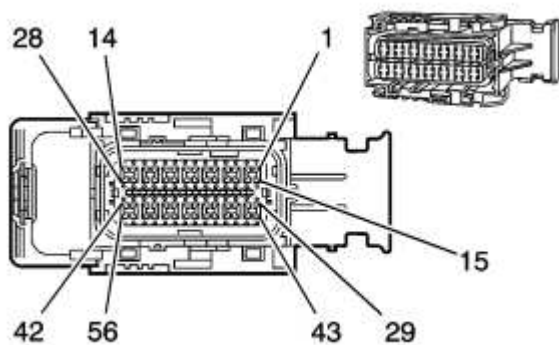
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

**Electronic Compass Module (COM)**

Pin	Wire	Circuit	Function
1	0.35 OG	300	Ignition 3 Voltage
2	0.35 BK	850	Ground
3	0.35 D-GN	6134	Linear Interconnect Network Bus
4	—	—	Not Used

**08 Acadia Engine Control Module (ECM) X1 (LY7) - Engine Control Module (ECM) X1 (LY7)**

Engine Control Module (ECM) X1 (LY7)



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**Connector Part Information**

- OEM: 34576-3603
- Service: See Catalog
- Description: 56-Way F MX123 Series, Sealed (BU)

**Terminal Part Information**

- Terminal/Tray: 33467-0005/23
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: J-38125-213/J-35616-64B (L-BU)

**Engine Control Module (ECM) X1 (LY7)**

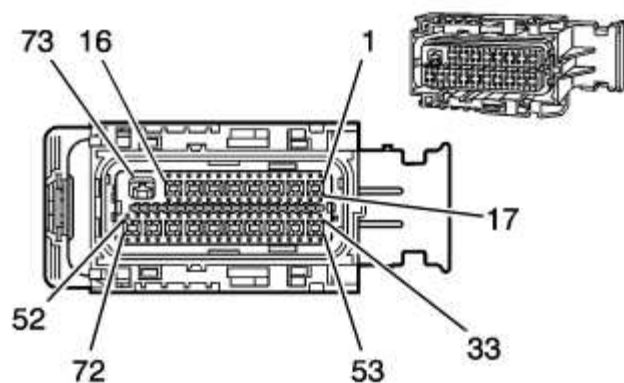
Pin	Wire	Circuit	Function
1-6	—	—	Not Used
7	0.5 WH	17	Stop Lamp Supply Voltage
8	—	—	Not Used

9	0.5 TN	452	Low Reference
10-11	—	—	Not Used
12	0.5 BN/WH	419	MIL Control
13	0.5 D-GN/WH	465	Fuel Pump Relay Control
14-17	—	—	Not Used
18	0.5 D-BU	5985	Ignition Voltage
19	0.5 PK	439	Ignition Voltage
20	0.5 RD/WH	540	Battery Positive Voltage
21-25	—	—	Not Used
26	0.5 YE	447	Starter Relay Coil Control
27-32	—	—	Not Used
33	0.5 WH/BK	1164	5-Volt Reference 2
34	0.5 GY	2709	5-Volt Reference 1
35	0.5 TN	1274	5-Volt Reference 1
36	0.5 BN	1271	Low Reference
37	0.5 PU	1272	Low Reference
38-39	—	—	Not Used
40	0.5 YE	5991	Powertrain Relay Coil Control
41-43	—	—	Not Used
44	0.5 PU	1589	Fuel Level Sensor Signal
45-46	—	—	Not Used
47	0.5 D-BU	1161	APP Sensor 1 Signal
48	0.5 D-GN	890	Fuel Tank Pressure Sensor Signal
49	0.5 L-BU	1162	APP Sensor 2 Signal
50-52	—	—	Not Used
53	0.5 D-GN/WH	459	A/C Compressor Clutch Relay Control
54	0.5 D-BU	473	High Speed Cooling Fan Relay Control
55	0.5 WH	1310	EVAP Canister Vent Solenoid Control
56	—	—	Not Used

### **08 Acadia Engine Control Module (ECM) X2 (LY7) - Engine Control Module (ECM) X2 (LY7)**

Engine Control Module (ECM) X2 (LY7)





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### Connector Part Information

- OEM: 34566-5203
- Service: See Catalog
- Description: 73-Way F MX123 34566 Series, Sealed (BK)

### Terminal Part Information

- Pins: 73
- Terminal/Tray: 7116-4152-02/9
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 12094430/J-35616-35 (VT)
- Terminal/Tray: 33467-0005/23
- Core/Insulation Crimp: Pins 1-9, 14, 15, 17, 19-24, 27, 29-39, 42-44, 46-54, 56-59, 62-64, 66-69, 71, 72 - J/J
- Core/Insulation Crimp: Pins 11-13 - K/K
- Release Tool/Test Probe: J-38125-213/J-35616-64B (L-BU)

### Engine Control Module (ECM) X2 (LY7)

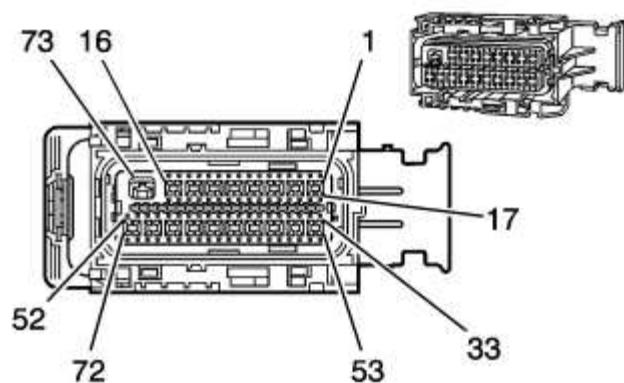
Pin	Wire	Circuit	Function
1	0.5 BN/WH	6405	Ignition Coil 1 Control
2	0.5 TN/WH	7349	Low Reference
3	0.5 D-GN	7352	Oxygen Sensor Bank 1 Sensor 1 Signal
4	0.5 OG/D-BU	7357	Oxygen Sensor Bank 1 Sensor 2 Signal
5	0.5 WH/YE	7356	Low Reference
6	0.5 L-BU	1876	Knock Sensor 2 Signal
7	0.5 TN	407	Low Reference

8	0.5 D-BU	496	Knock Sensor 1 Signal
9	0.5 GY	1716	Low Reference
10	—	—	Not Used
11	0.8 YE	581	TAC Motor Control - 1
12	0.8 BN	582	TAC Motor Control - 2
13	0.8 PK/BK	5290	Ignition Voltage
14	0.5 PK/BK	6395	Cam Phaser #2 Control
15	0.5 TN/BK	6397	Cam Phaser #4 Control
16	—	—	Not Used
17	0.5 D-BU/WH	6406	Ignition Coil 2 Control
18	—	—	Not Used
19	0.5 PK	6414	Inside Air Temperature Sensor Signal
20	0.5 PU	6267	Camshaft CAM X Ground
21	0.5 TN	6268	Camshaft CAM Y Ground
22	0.5 WH	6269	Camshaft CAM Z Ground
23	0.5 BN	6266	Camshaft CAM W Ground
24	0.5 BK	2755	Low Reference
25-26	—	—	Not Used
27	0.5 GY/BK	6272	Low Reference
28	—	—	Not Used
29	0.5 TN	2752	Low Reference
30	0.5 BN/WH	6754	Low Reference
31	0.5 D-BU/WH	6756	Low Reference
32	0.5 GY	6418	Fuel Injector 4 Control
33	0.5 D-GN/WH	6407	Ignition Coil 3 Control
34	0.5 PU/WH	6410	Ignition Coil 6 Control
35	0.5 PU	6413	Low Reference
36	0.5 D-GN	6457	Camshaft CAM X Supply Voltage 1
37	0.5 OG	6260	Camshaft CAM Y Supply Voltage 1
38	0.5 PK	6261	Camshaft CAM Z Supply Voltage 1
39	0.5 D-BU	6259	Camshaft CAM W Supply Voltage 1
40-41	—	—	Not Used
42	0.5 TN	2760	Low Reference
43	0.5 PU/WH	6270	5-Volt Reference 2
44	0.5 GY	2701	5-Volt Reference 2
45	—	—	Not Used
46	0.5 BN	6753	Low Reference

47	0.5 D-BU	6755	Low Reference
48	0.5 D-BU	6416	Fuel Injector 2 Control
49	0.5 OG	6420	Fuel Injector 6 Control
50	0.5 WH/BK	6396	Cam Phaser #3 Control
51	0.5 GY/BK	6394	Cam Phaser Control
52	0.5 L-BU	6419	Fuel Injector 5 Control
53	0.5 L-BU/WH	6408	Ignition Coil 4 Control
54	0.5 L-GN/WH	6409	Ignition Coil 5 Control
55	—	—	Not Used
56	0.5 D-GN/WH	6264	Camshaft CAM X Signal
57	0.5 OG/BK	6263	Camshaft CAM Y Signal
58	0.5 PK/BK	6262	Camshaft CAM Z Signal
59	0.5 D-BU/WH	6265	Camshaft CAM W Signal
60-61	—	—	Not Used
62	0.5 TN	472	IAT Sensor Signal
63	0.5 WH/BK	6271	Crankshaft 60X Sensor Signal
64	0.5 D-GN	485	TP Sensor 1 Signal
65	—	—	Not Used
66	0.5 PU	486	TP Sensor 2 Signal
67	0.5 YE	492	MAF Sensor Signal
68	0.5 D-BU	6424	Oxygen Sensor Heated A Signal
69	0.5 OG	6426	Oxygen Sensor Heated C Signal
70	—	—	Not Used
71	0.5 D-GN	6417	Fuel Injector 3 Control
72	0.5 BN	6415	Fuel Injector 1 Control
73	2 BK/WH	451	Ground

### **08 Acadia Engine Control Module (ECM) X3 (LY7) - Engine Control Module (ECM) X3 (LY7)**

Engine Control Module (ECM) X3 (LY7)



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### Connector Part Information

- OEM: 34566-5303
- Service: See Catalog
- Description: 73-Way F MX123 34566 Series, Sealed (GY)

### Terminal Part Information

- Terminal/Tray: 33467-0005/23
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: J-38125-213/J-35616-64B (L-BU)

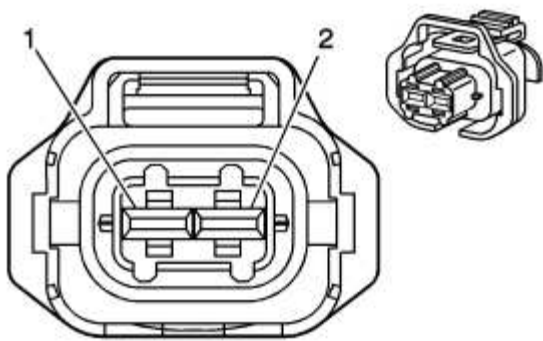
### Engine Control Module (ECM) X3 (LY7)

Pin	Wire	Circuit	Function
1-2	—	—	Not Used
3	0.5 TN/BK	7354	Low Reference
4	0.5 PU/WH	7355	Oxygen Sensor Heated B High Reference
5	0.5 YE/BN	7359	Oxygen Sensor Bank 2 Sensor 2 Signal
6	0.5 VT/WH	7358	Low Reference
7	0.5 OG	225	Generator Turn On Signal
8-14	—	—	Not Used
15	0.5 GY	6425	Oxygen Sensor Heated B Signal
16-20	—	—	Not Used
21	0.5 TN	5514	Low Reference
22	—	—	Not Used
23	0.5 OG/BK	469	Low Reference
24-28	—	—	Not Used

29	0.5 GY	23	Generator Field Duty Cycle Signal
30-31	—	—	Not Used
32	0.5 OG	6392	Variable Tuning Control
33	0.5 TN	2501	High Speed GMLAN Serial Data Bus-
34	—	—	Not Used
35	0.5 TN	2761	Low Reference
36	—	—	Not Used
37	0.5 GY	2700	5-Volt Reference 2
38	—	—	Not Used
39	0.5 GY	2704	5-Volt Reference 1
40-45	—	—	Not Used
46	0.5 OG/BK	1786	Park/Neutral Signal
47	—	—	Not Used
48	0.5 D-GN/WH	428	EVAP Canister Purge Solenoid Control
49	0.5 D-GN	335	Low Speed Cooling Fan Relay Control
50	0.5 PU	6427	Oxygen Sensor Heated D Signal
51-52	—	—	Not Used
53	0.5 TN/BK	2500	High Speed GMLAN Serial Data Bus+
54	—	—	Not Used
55	0.5 YE	410	ECT Sensor Signal
56	—	—	Not Used
57	0.5 OG/BK	380	A/C Refrigerant Pressure Sensor Signal
58	—	—	Not Used
59	0.5 L-GN	432	MAP Sensor Signal
60-63	—	—	Not Used
64	0.5 YE	7017	Variable Intake Manifold Position Signal
65	0.5 TN/BK	231	Oil Pressure Switch Signal
66-73	—	—	Not Used

### **08 Acadia Engine Coolant Temperature (ECT) Sensor (LY7) - Engine Coolant Temperature (ECT) Sensor (LY7)**

Engine Coolant Temperature (ECT) Sensor (LY7)



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#### Connector Part Information

- OEM: 1928403874
- Service: 88988963
- Description: 2-Way F Kompakt 2.8 Series, Sealed (BK)

#### Terminal Part Information

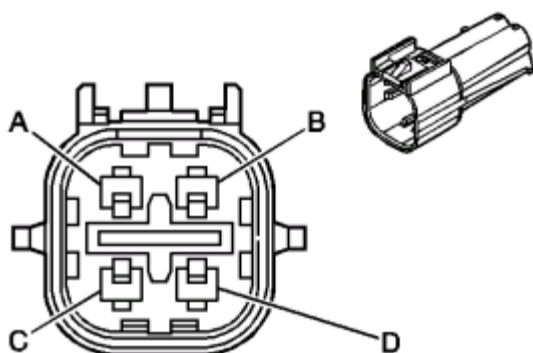
- Terminal/Tray: 1928498054/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)

#### Engine Coolant Temperature (ECT) Sensor (LY7)

Pin	Wire	Circuit	Function
1	0.5 YE	410	ECT Sensor Signal
2	0.5 TN	2761	Low Reference

#### 08 Acadia Engine Cooling Fan - Left and Engine Cooling Fan - Right - Engine Cooling Fan - Left and Engine Cooling Fan - Right

Engine Cooling Fan - Left and Engine Cooling Fan - Right



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### Connector Part Information

- OEM: 12191387
- Service: 13506139
- Description: 4-Way M Metri-Pack 150 Series (BK)

### Terminal Part Information

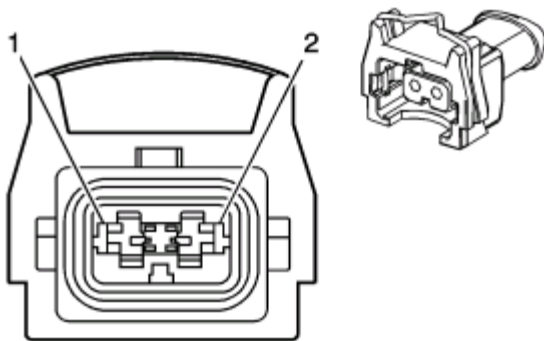
- Terminal/Tray: 12129497/1
- Core/Insulation Crimp: F/5
- Release Tool/Test Probe: 12094430/J-35616-5 (PU)

### Cooling Fan - Left and Cooling Fan - Right

Pin	Wire	Circuit	Function
A	3 BK	250	Right Cooling Fan Motor Ground
B	3 L-BU	409	Right Cooling Fan Motor High Control
C	3 WH	504	Left Cooling Fan Motor High Control
D	3 GY	532	Left Cooling Fan Motor Low Control

### 08 Acadia Engine Mount Vacuum Tank Solenoid (W49) - Engine Mount Vacuum Tank Solenoid (W49)

Engine Mount Vacuum Tank Solenoid (W49)



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### Connector Part Information

- OEM: 1928402571
- Service: 19115592
- Description: 2-Way F Sealed Series (BK)

### Terminal Part Information

- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

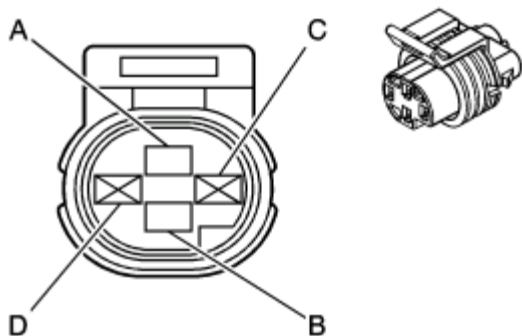
### Engine Mount Vacuum Tank Solenoid (W49)

Pin	Wire	Circuit	Function
1	0.5 WH	320	Engine Mount Solenoid Control
2	0.5 PK/BK	5294	Ignition Voltage

### 08 Acadia Engine Oil Pressure (EOP) Switch (LY7) - Engine Oil Pressure (EOP) Switch (LY7)

Engine Oil Pressure (EOP) Switch (LY7)





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### Connector Part Information

- OEM: 12065400
- Service: 12126436
- Description: 4-Way F Metri-Pack 150 Series (GN)

### Terminal Part Information

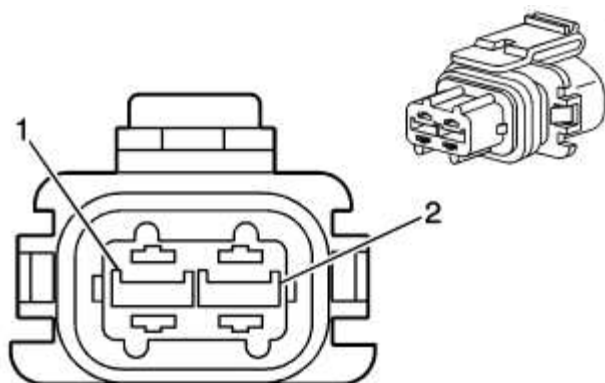
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Engine Oil Pressure (EOP) Switch (LY7)

Pin	Wire	Circuit	Function
A	0.5 TN/BK	231	Oil Pressure Switch Signal
B	0.5 BK	2755	Low Reference
C-D	—	—	Not Used

### 08 Acadia Evaporative Emission (EVAP) Canister Purge Solenoid Valve (LY7) - Evaporative Emission (EVAP) Canister Purge Solenoid Valve (LY7)

Evaporative Emission (EVAP) Canister Purge Solenoid Valve (LY7)



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#### Connector Part Information

- OEM: 1928404072
- Service: 88988586
- Description: 2-Way F 2.8 Sealed (BK)

#### Terminal Part Information

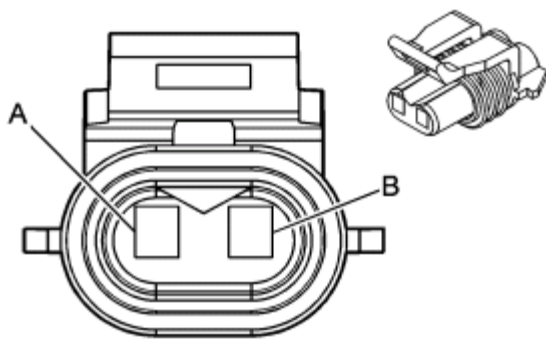
- Terminal/Tray: 1928498056/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)

#### Evaporative Emission (EVAP) Canister Purge Solenoid Valve (LY7)

Pin	Wire	Circuit	Function
1	0.5 PK/BK	5293	Powertrain Main Relay Fused Supply
2	0.5 D-GN/WH	428	EVAP Canister Purge Solenoid Control

#### 08 Acadia Evaporative Emissions (EVAP) Canister Vent Solenoid Valve (LY70 - Evaporative Emissions (EVAP) Canister Vent Solenoid Valve (LY7)

Evaporative Emissions (EVAP) Canister Vent Solenoid Valve (LY7)



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#### Connector Part Information

- OEM: 12052643
- Service: 12101858
- Description: 2-Way F Metri-Pack 150 Series Sealed (RD)

#### Terminal Part Information

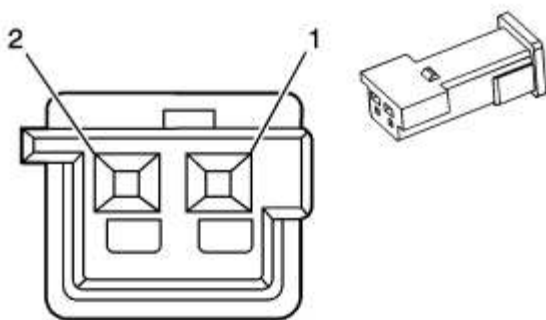
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-2A (GY)

#### Evaporative Emissions (EVAP) Canister Vent Solenoid Valve (LY7)

Pin	Wire	Circuit	Function
A	PK	1039	Battery Positive Voltage
B	WH	1310	EVAP Canister Vent Solenoid Control

#### 08 Acadia Evaporator Temperature Sensor - Evaporator Temperature Sensor

Evaporator Temperature Sensor



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### Connector Part Information

- OEM: 1-968704-1
- Service: See Catalog
- Description: 2-Way F MQS Series (BK)

### Terminal Part Information

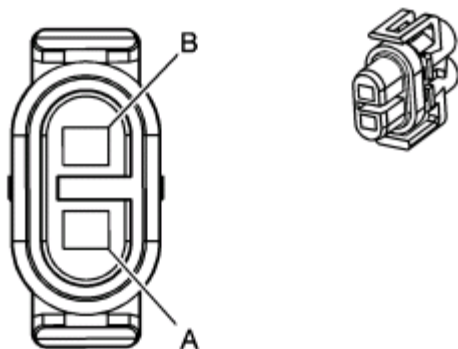
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit


### Evaporator Temperature Sensor

Pin	Wire	Circuit	Function
1	0.35 WH	2622	Evaporator Temperature Sensor Signal
2	0.35 TN	552	Low Reference

### 08 Acadia Fog Lamp - Left Front (W49 or WDA with T96) - Fog Lamp - Left Front (W49 or WDA with T96)

Fog Lamp - Left Front (W49 or WDA with T96)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12124819
- Service: 12085498
- Description: 2-Way F Metri-Pack 280 Series, Sealed (BK)

### Terminal Part Information

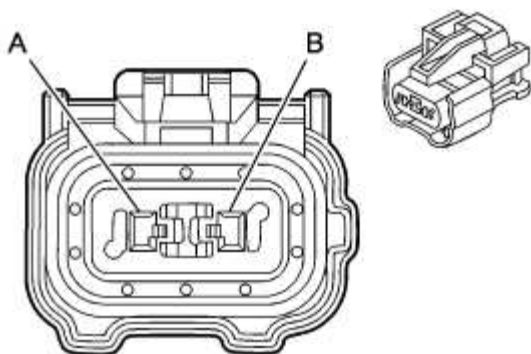
- Terminal/Tray: 12077411/2
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

### Fog Lamp - Left Front (W49 or WDA with T96)

Pin	Wire	Circuit	Function
A	0.5 PU	34	Front Fog Lamp Supply Voltage
B	0.5 BK	1350	Ground

### 08 Acadia Fog Lamp - Left Front (Z88) - Fog Lamp - Left Front (Z88)

Fog Lamp - Left Front (Z88)



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### Connector Part Information

- OEM: 13513272
- Service: See Catalog
- Description: 2-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

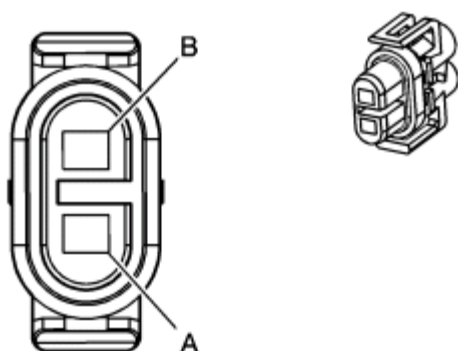
- Pins: A
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)
- Pins: B
- Terminal/Tray: 15496531/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Fog Lamp - Left Front (Z88)

Pin	Wire	Circuit	Function
A	0.5 PU	34	Front Fog Lamp Supply Voltage
B	0.35 BK	1250	Ground

### 08 Acadia Fog Lamp - Right Front (W49 or WDA with T96) - Fog Lamp - Right Front (W49 or WDA with T96)

Fog Lamp - Right Front (W49 or WDA with T96)



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### Connector Part Information

- OEM: 12124819
- Service: 12085498
- Description: 2-Way F Metri-Pack 280 Series, Sealed (BK)

### Terminal Part Information

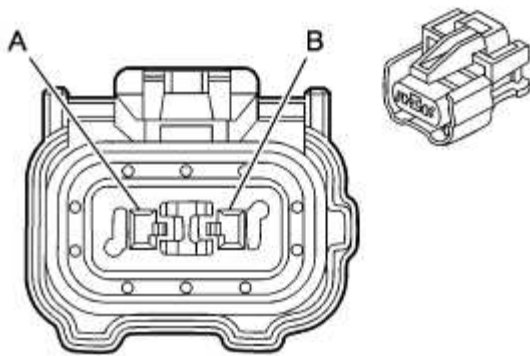
- Terminal/Tray: 12077411/2
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

### Fog Lamp - Right Front (W49 or WDA with T96)

Pin	Wire	Circuit	Function
A	0.5 PU	34	Front Fog Lamp Supply Voltage
B	0.5 BK	1350	Ground

### 08 Acadia Fog Lamp - Right Front (Z88) - Fog Lamp - Right Front (Z88)

Fog Lamp - Right Front (Z88)



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### Connector Part Information

- OEM: 13513272
- Service: See Catalog
- Description: 2-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

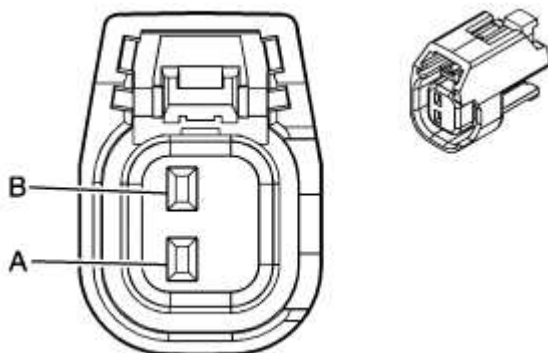
- Terminal/Tray: 15496531/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Fog Lamp - Right Front (Z88)

Pin	Wire	Circuit	Function
A	0.5 PU	34	Front Fog Lamp Supply Voltage
B	0.35 BK	1350	Ground

### 08 Acadia Fuel Injector 1 (LY70 - Fuel Injector 1 (LY7)

Fuel Injector 1 (LY7)





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### Connector Part Information

- OEM: 15419715
- Service: 88988313
- Description: 2-Way F GT 150 Series Sealed (GY)

### Terminal Part Information

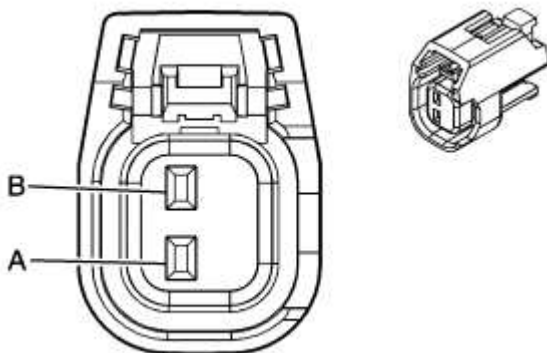
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Fuel Injector 1 (LY7)

Pin	Wire	Circuit	Function
A	PK/BK	5291	IGN I/II
B	TN	1744	Fuel Injector 1 Control

### 08 Acadia Fuel Injector 2 (LY7) - Fuel Injector 2 (LY7)

Fuel Injector 2 (LY7)



 [Click here for full size](#)

### Connector Part Information

- OEM: 15419715
- Service: 88988313
- Description: 2-Way F GT 150 Series Sealed (GY)

**Terminal Part Information**

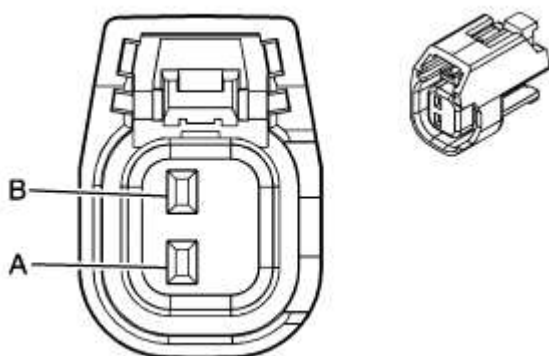
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Fuel Injector 2 (LY7)**

Pin	Wire	Circuit	Function
A	PK/BK	5292	IGN I/II
B	L-GN/BK	1745	Fuel Injector 2 Control

**08 Acadia Fuel Injector 3 (LY7) - Fuel Injector 3 (LY7)**

Fuel Injector 3 (LY7)



[Click here for full size](#)

**Connector Part Information**

- OEM: 15419715
- Service: 88988313
- Description: 2-Way F GT 150 Series Sealed (GY)

**Terminal Part Information**

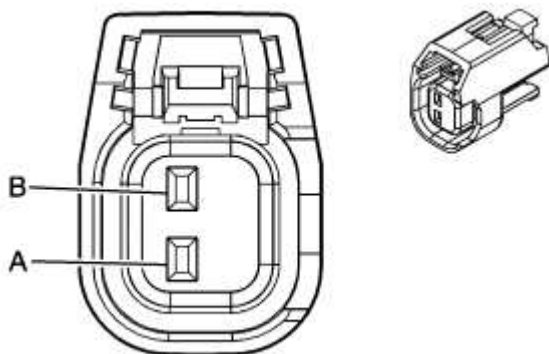
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Fuel Injector 3 (LY7)**

Pin	Wire	Circuit	Function
A	PK/BK	5291	IGN I/II
B	PK/BK	1746	Fuel Injector 3 Control

## 08 Acadia Fuel Injector 4 (LY7) - Fuel Injector 4 (LY7)

Fuel Injector 4 (LY7)



[Click here for full size](#)

### Connector Part Information

- OEM: 15419715
- Service: 88988313
- Description: 2-Way F GT 150 Series Sealed (GY)

### Terminal Part Information

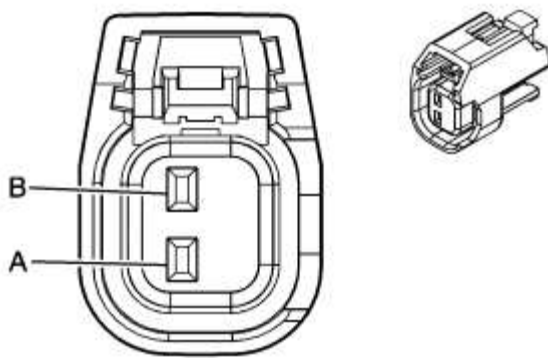
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Fuel Injector 4 (LY7)

Pin	Wire	Circuit	Function
A	PK/BK	5292	IGN I/II
B	L-BU/BK	844	Fuel Injector 4 Control

## 08 Acadia Fuel Injector 5 (LY7) - Fuel Injector 5 (LY7)

Fuel Injector 5 (LY7)



[Click here for full size](#)

### Connector Part Information

- OEM: 15419715
- Service: 88988313
- Description: 2-Way F GT 150 Series Sealed (GY)

### Terminal Part Information

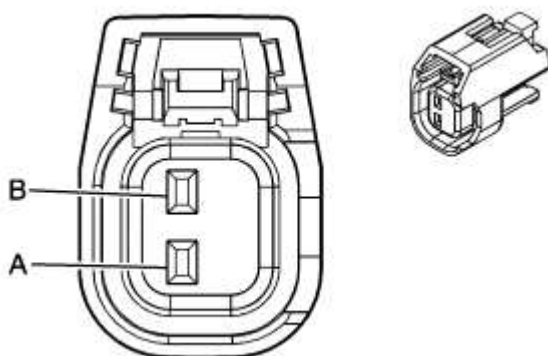
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Fuel Injector 5 (LY7)

Pin	Wire	Circuit	Function
A	PK/BK	5291	IGN I/II
B	TN/WH	845	Fuel Injector 5 Control

### Unknown - Fuel Injector 6 (LY7)

Fuel Injector 6 (LY7)



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### Connector Part Information

- OEM: 15419715
- Service: 88988313
- Description: 2-Way F GT 150 Series Sealed (GY)

### Terminal Part Information

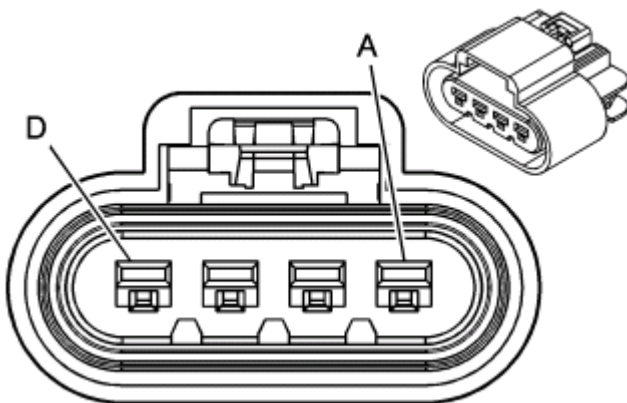
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Fuel Injector 6 (LY7)

Pin	Wire	Circuit	Function
A	PK/BK	5292	IGN I/II
B	YE/BK	846	Fuel Injector 6 Control

### Unknown - Fuel Pump and Sender Assembly (LY7)

Fuel Pump and Sender Assembly (LY7)



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### Connector Part Information

- OEM: 15326631
- Service: 15306360
- Description: 4-Way F GT 280 Series Sealed 5.8 (BK)

**Terminal Part Information**

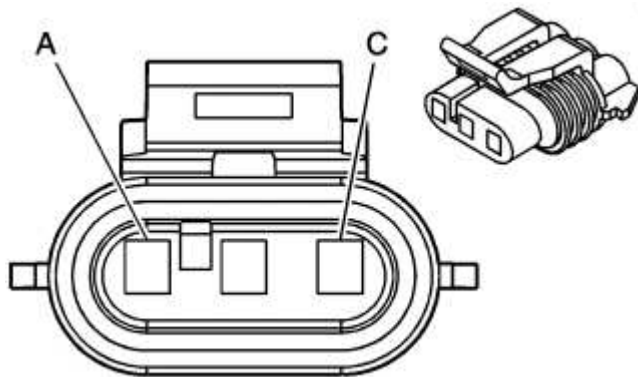
- Terminal/Tray: 15304719/19
- Core/Insulation Crimp: Pins A, B: 2/5
- Core/Insulation Crimp: Pins C, D: E/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

**Fuel Pump and Sender Assembly (LY7)**

Pin	Wire	Circuit	Function
A	2 BK	1850	Ground
B	2 GY	120	Fuel Pump Supply Voltage
C	0.35 TN	452	Low Reference
D	0.35 PU	1589	Fuel Level Sensor Signal

**Unknown - Fuel Tank Pressure (FTP) Sensor (LY7)**

Fuel Tank Pressure (FTP) Sensor (LY7)



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**Connector Part Information**

- OEM: 12059595
- Service: 88986451
- Description: 3-Way F Metri-Pack 150 Series Sealed (BK)

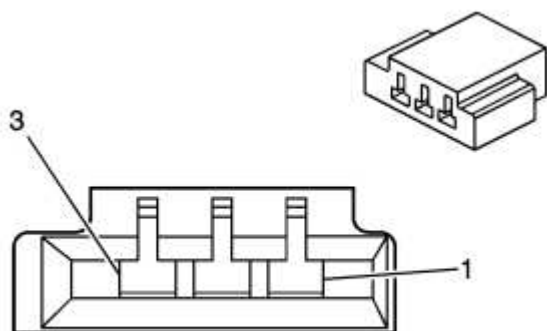
**Fuel Tank Pressure (FTP) Sensor (LY7)**

Pin	Wire	Circuit	Function
A	Core/Insulation Crimp: E/1	452	Low Reference
B	Release Tool/Test Probe: 12094429/J-35616-2A (GY)	890	Fuel Tank Pressure Sensor Signal

C	GY	2709	5-Volt Reference
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## Unknown - Garage Door Opener (UG1)

Garage Door Opener (UG1)



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### Connector Part Information

- OEM: 09016038
- Service: See Catalog
- Description: 3-Way M P/C Edgeboard (NA)

### Terminal Part Information

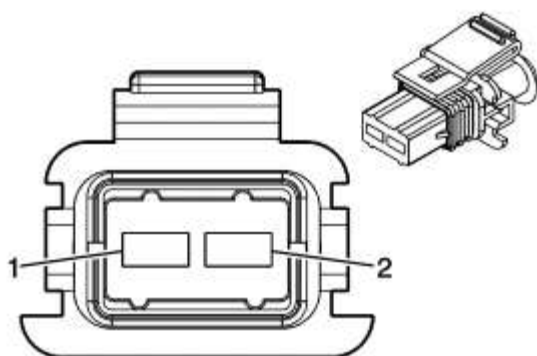
- Terminal/Tray: 08-50-0115/20
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: J-38125-213/J-35616-4A (PU)

## Garage Door Opener (UG1)

Pin	Wire	Circuit	Function
1	0.5 RD/WH	3140	Battery Positive Voltage
2	0.5 GY	8	Instrument Panel Lamp Supply Voltage
3	0.5 BK	850	Ground

## Unknown - Generator X1

Generator X1



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### Connector Part Information

- OEM: 1928403137
- Service: 89046837
- Description: 2-Way F 2.8 Junior Power Timer (BK)

### Terminal Part Information

- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

### Generator X1

Pin	Wire	Circuit	Function
1	0.5 OG	225	Generator Turn On Signal
2	0.5 GY	23	Generator Field Duty Cycle Signal

### Unknown - Generator X2

Generator X2

### Connector Part Information

- OEM: 7003-1171-02
- Core/Insulation Crimp: N/A
- Description: Ring Terminal

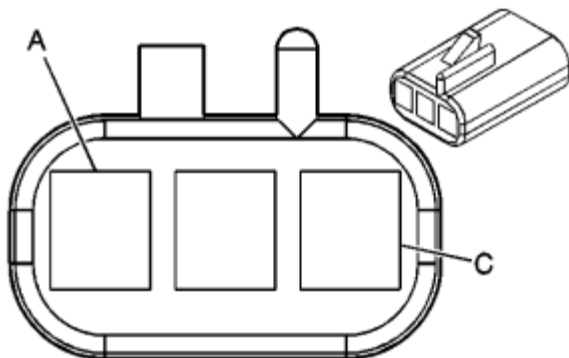
### Generator X2



Pin	Wire	Circuit	Function
A	19 RD/BK	1	Battery Positive Voltage

## Unknown - Hazard Switch

Hazard Switch



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### Connector Part Information

- OEM: 12047781
- Service: 12101864
- Description: 3-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

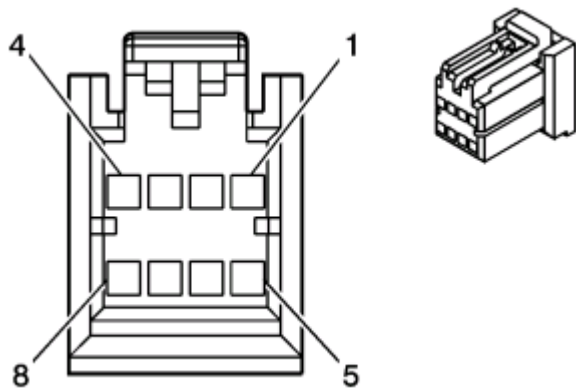
- Pins: A
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)
- Pins: B, C
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

## Hazard Switch

Pin	Wire	Circuit	Function
A	0.8 GY	8	Instrument Panel Lamp Supply Voltage
B	0.35 BK	750	Ground
C	0.35 TN	2144	Hazard Switch Signal

**Unknown - Head Up Display (HUD) (UV6)**

Head Up Display (HUD) (UV6)


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**Connector Part Information**

- OEM: 175964-2
- Service: 15306185
- Description: 8-Way F AMP Multilock 040 MarkII (BK)

**Terminal Part Information**

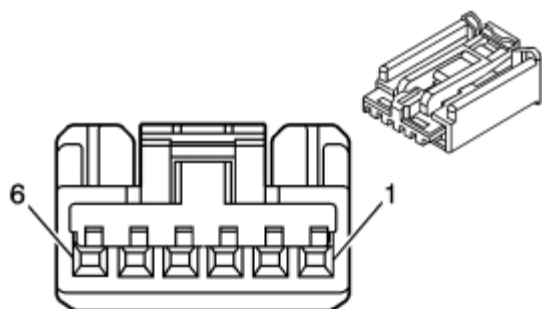
- Terminal/Tray: 173681-2/17
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-16 (L-GN)


**Head Up Display (HUD) (UV6)**

Pin	Wire	Circuit	Function
1	0.35 D-GN	5060	Low Speed GMLAN Serial Data
2	—	—	Not Used
3	0.35 BN	622	HUD Switch Signal
4	0.35 BK/WH	1551	Ground
5	0.35 L-BU/BK	5812	HUD Off/Dimming Control
6	0.5 RD/WH	4540	Battery Positive Voltage
7	—	—	Not Used
8	0.35 L-GN/BK	5699	Low Reference

**Unknown - Head Up Display (HUD) Switch (UV6)**

## Head Up Display (HUD) Switch (UV6)



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**Connector Part Information**

- OEM: 15269798
- Service: See Catalog
- Description: 6-Way F AIT II Series (BK)

**Terminal Part Information**

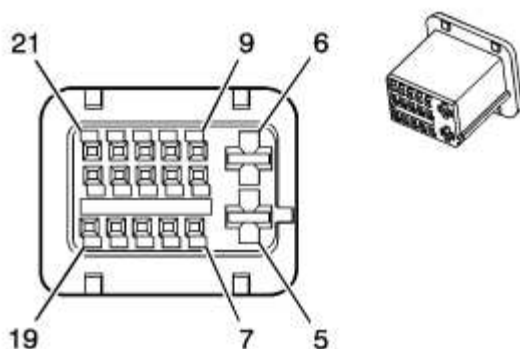
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

**Head Up Display (HUD) Switch (UV6)**

Pin	Wire	Circuit	Function
1	—	—	Not Used
2	0.35 L-BU/BK	5812	HUD Off/Dimming Control
3	0.35 L-GN/BK	5699	Low Reference
4	0.35 BK	1450	Ground
5	0.35 PU/WH	1382	LED Dimming Signal
6	0.35 BN	622	HUD Switch Signal

**Unknown - Headlamp - Left (WDA with TVD)**

Headlamp - Left (WDA with TVD)



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### Connector Part Information

- OEM: 0-1418889
- Service: See Catalog
- Description: 16-Way F (BK)

### Terminal Part Information

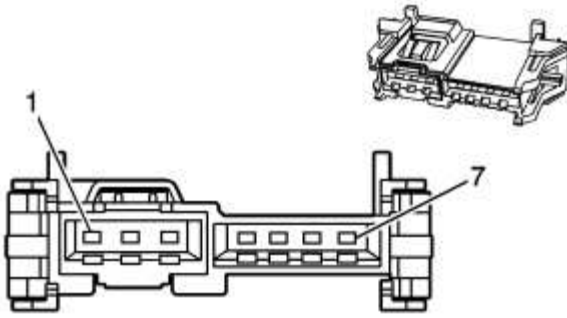
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp - Left (WDA with TVD)

Pin	Wire	Circuit	Function
5	0.8 YE	—	Left Headlamp Low Beam Supply Voltage
6	0.8 BK	—	Ground
7	—	—	Not Used
8	0.5 D-GN/WH	—	Left Headlamp High Beam Supply Voltage
9	0.5 BK	—	Ground
10-21	—	—	Not Used

### Unknown - Headlamp - Left (Z88 with TVD or W49)

Headlamp - Left (Z88 with TVD or W49)



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### Connector Part Information

- OEM: VECR-07 (04)
- Service: See Catalog
- Description: 7-Way F (BK)

### Terminal Part Information

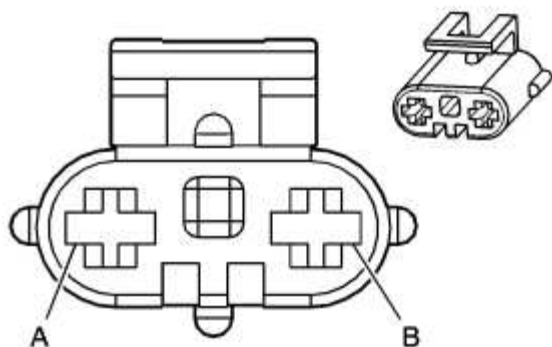
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp - Left (Z88 with TVD or W49)

Pin	Wire	Circuit	Function
1	COAX	-	High Intensity Discharge
2	COAX	-	High Intensity Discharge
3	COAX	-	High Intensity Discharge
4-5	-	-	Not Used
6	0.8 BK	-	Ground
7	0.8 RD	-	Left Headlamp Low Beam Supply Voltage (Z88)
	0.8 PU	-	Left Headlamp Low Beam Supply Voltage (W49)

### Unknown - Headlamp - Left High Beam (WDA without TVD)

Headlamp - Left High Beam (WDA without TVD)



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### Connector Part Information

- OEM: 699707-1
- Service: See Catalog
- Description: 2-Way F Two-Position Receptacle Housing (BK)

### Terminal Part Information

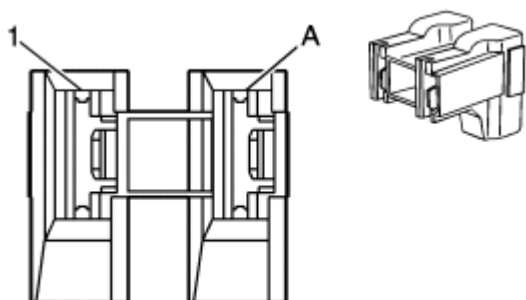
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp - Left High Beam (WDA without TVD)

Pin	Wire	Circuit	Function
A	0.5 BK	—	Ground
B	0.5 D-GN/WH	—	Left Headlamp High Beam Supply Voltage

### Unknown - Headlamp - Left High Beam (Z88 without TVD)

Headlamp - Left High Beam (Z88 without TVD)



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### Connector Part Information

- OEM: 1544352-1
- Service: See Catalog
- Description: 2-Way F 2-Position Receptacle Housing (BK)

### Terminal Part Information

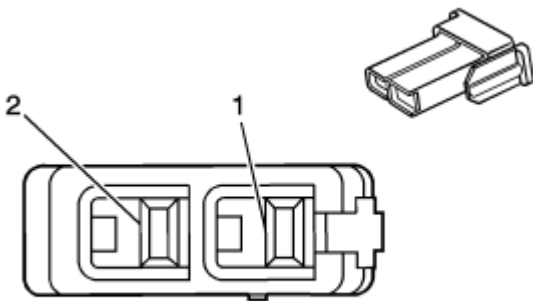
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp - Left High Beam (Z88 without TVD)

Pin	Wire	Circuit	Function
1	1.5 BK	—	Ground
A	1.5 WH	—	Right Headlamp High Beam Supply Voltage

### Unknown - Headlamp - Left High Beam Solenoid (W49)

Headlamp - Left High Beam Solenoid (W49)



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### Connector Part Information

- OEM: XLP-02V
- Service: See Catalog
- Description: 2-Way F XL Series (WH)

**Terminal Part Information**

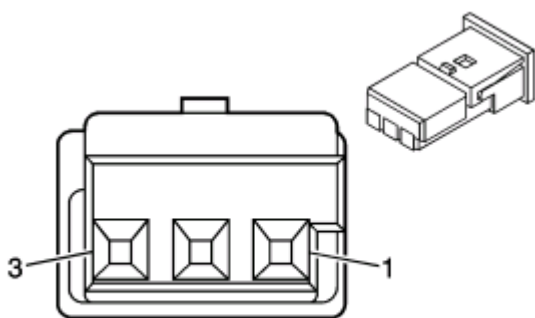
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Headlamp - Left High Beam Solenoid (W49)**

Pin	Wire	Circuit	Function
1	0.35 BK	—	Ground
2	0.35 GY	—	Left Headlamp High Beam Supply Voltage

**Unknown - Headlamp - Left High Beam Solenoid (WDA with TVD)**

Headlamp - Left High Beam Solenoid (WDA with TVD)



[Click here for full size](#)

**Connector Part Information**

- OEM: 968705-9
- Service: 88953152
- Description: 3-Way F MQS Series (L-BU)

**Terminal Part Information**

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

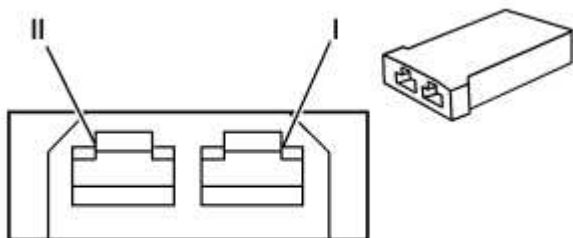
**Headlamp - Left High Beam Solenoid (WDA with TVD)**



Pin	Wire	Circuit	Function
1	0.5 GN/WH	—	Left Headlamp High Beam Supply Voltage
2	—	—	Not Used
3	0.5 BK		Ground

### Unknown - Headlamp - Left High Beam Solenoid (Z88 with TVD)

Headlamp - Left High Beam Solenoid (Z88 with TVD)



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#### Connector Part Information

- OEM: 0-925014-1-2W
- Service: See Catalog
- Description: 2-Way F 2.8 Series (WH)

#### Terminal Part Information

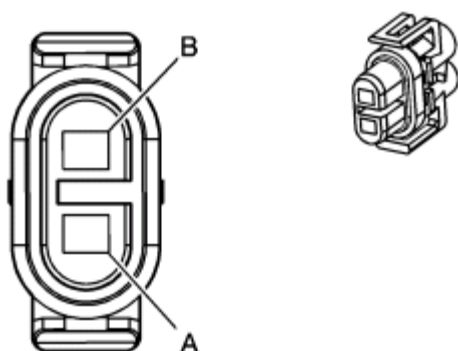
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp - Left High Beam Solenoid (Z88 with TVD)

Pin	Wire	Circuit	Function
I	1.5 BK	—	Ground
II	1.5 WH	—	Left Headlamp High Beam Supply Voltage

### Unknown - Headlamp - Left Low Beam (WDA without TVD)

Headlamp - Left Low Beam (WDA without TVD)



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### Connector Part Information

- OEM: 12059183
- Service: See Catalog
- Description: 2-Way F H11 Lamp Socket

### Terminal Part Information

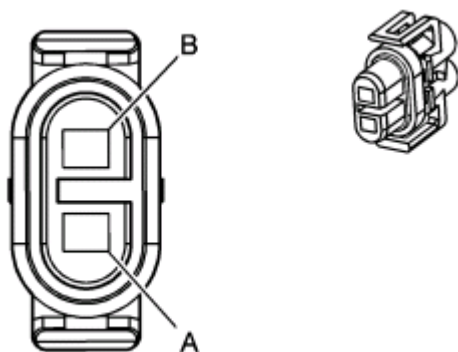
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp - Left Low Beam (WDA without TVD)

Pin	Wire	Circuit	Function
A	0.5 BK	-	Ground
B	0.5 YE	-	Left Headlamp Low Beam Supply Voltage

### Unknown - Headlamp - Left Low Beam (Z88 without TVD)

Headlamp - Left Low Beam (Z88 without TVD)



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### Connector Part Information

- OEM: 92095787
- Service: See Catalog
- Description: 2-Way F H11 Lamp Socket

### Terminal Part Information

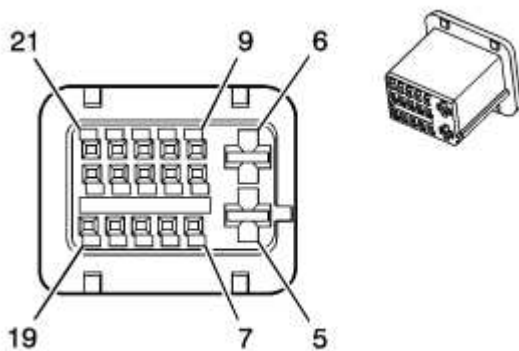
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp - Left Low Beam (Z88 without TVD)

Pin	Wire	Circuit	Function
A	1.5 RD	—	Left Headlamp Low Beam Supply Voltage
B	1.5 BK	—	Ground

### Unknown - Headlamp - Right (WDA with TVD)

Headlamp - Right (WDA with TVD)



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### Connector Part Information

- OEM: 0-1418889
- Service: See Catalog
- Description: 16-Way F (BK)

### Terminal Part Information

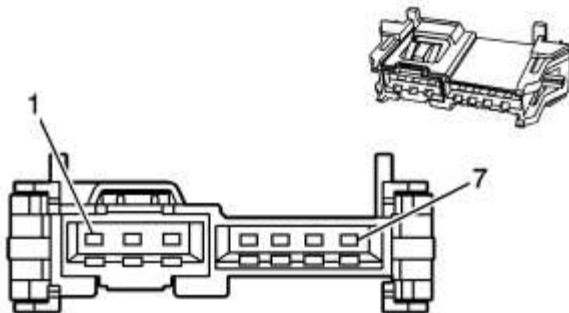
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp - Right (WDA with TVD)

Pin	Wire	Circuit	Function
5	0.8 YE	—	Right Headlamp Low Beam Supply Voltage
6	0.8 BK	—	Ground
7	—	—	Not Used
8	0.5 D-GN/WH	—	Right Headlamp High Beam Supply Voltage
9	0.5 BK	—	Ground
10-21	—	—	Not Used

### Unknown - Headlamp - Right (Z88 with TVD or W49)

Headlamp - Right (Z88 with TVD or W49)



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### Connector Part Information

- OEM: VECR-07(04)
- Service: See Catalog
- Description: 7-Way F (BK)

### Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit

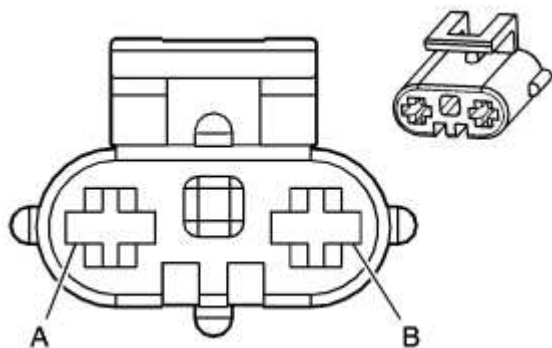
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp - Right (Z88 with TVD or W49)

Pin	Wire	Circuit	Function
1	COAX	—	High Intensity Discharge
2	COAX	—	High Intensity Discharge
3	COAX	—	High Intensity Discharge
4-5	—	—	Not Used
6	0.8 BK	—	Ground
7	0.8 RD	—	Right Headlamp Low Beam Supply Voltage (Z88)
	0.8 PU	—	Right Headlamp Low Beam Supply Voltage (W49)

### Unknown - Headlamp - Right High Beam (WDA without TVD)

Headlamp - Right High Beam (WDA without TVD)



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#### Connector Part Information

- OEM: 699707-1
- Service: See Catalog
- Description: 2-Way F 2-Position Receptacle Housing (BK)

#### Terminal Part Information

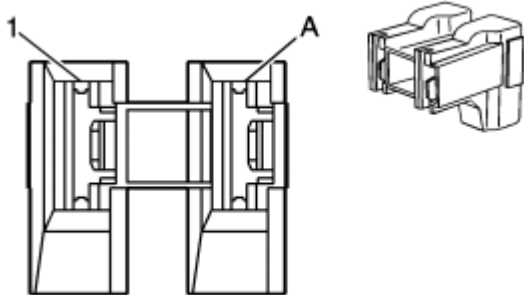
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp - Right High Beam (WDA without TVD)

Pin	Wire	Circuit	Function
A	0.5 BK	—	Ground
B	0.5 D-GN/WH	—	Right Headlamp High Beam Supply Voltage

### Unknown - Headlamp - Right High Beam (Z88 without TVD)

Headlamp - Right High Beam (Z88 without TVD)



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### Connector Part Information

- OEM: 1544352-1
- Service: See Catalog
- Description: 2-Way F 2-Position Receptacle Housing (BK)

### Terminal Part Information

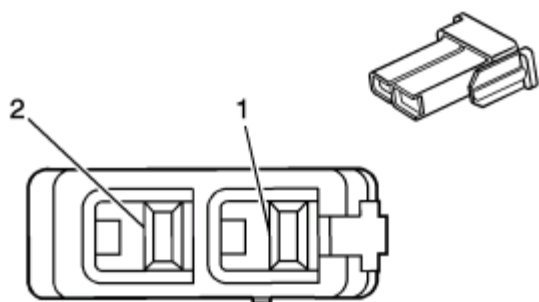
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp - Right High Beam (Z88 without TVD)

Pin	Wire	Circuit	Function
1	1.5 BK	—	Ground
A	1.5 WH	—	Right Headlamp High Beam Supply Voltage

### Unknown - Headlamp - Right High Beam Solenoid (W49)

Headlamp - Right High Beam Solenoid (W49)



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### Connector Part Information

- OEM: XLP-02V
- Service: See Catalog
- Description: 2-Way F XL Series (WH)

### Terminal Part Information

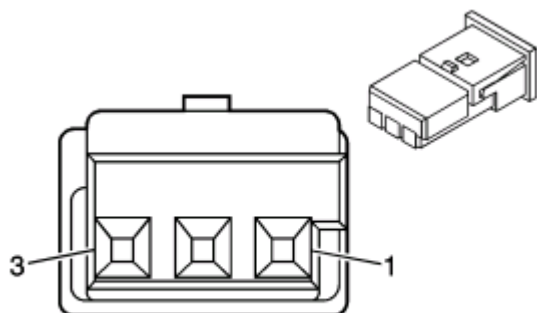
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp - Right High Beam Solenoid (W49)

Pin	Wire	Circuit	Function
1	0.35 BK	—	Ground
2	0.35 GY	—	Right Headlamp High Beam Supply Voltage

### Unknown - Headlamp - Right High Beam Solenoid (WDA with TVD)

Headlamp - Right High Beam Solenoid (WDA with TVD)



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### Connector Part Information

- OEM: 968705-9
- Service: 88953152
- Description: 3-Way F MQS Series (L-BU)

### Terminal Part Information

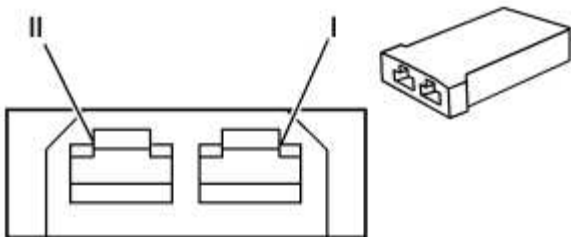
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp - Right High Beam Solenoid (WDA with TVD)

Pin	Wire	Circuit	Function
1	0.5 GN/WH	—	Right Headlamp High Beam Supply Voltage
2	—	—	Not Used
3	0.5 BK		Ground

### Unknown - Headlamp - Right High Beam Solenoid (Z88 with TVD)

Headlamp - Right High Beam Solenoid (Z88 with TVD)



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### Connector Part Information

- OEM: 0-925014-1-2W
- Service: See Catalog
- Description: 2-Way F 2.8 Series (WH)



**Terminal Part Information**

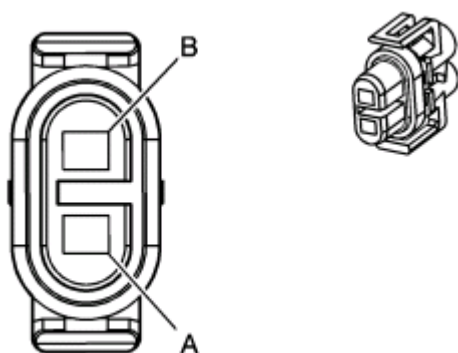
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Headlamp - Right High Beam Solenoid (Z88 with TVD)**

Pin	Wire	Circuit	Function
I	1.5 BK	-	Ground
II	1.5 WH	-	Right Headlamp High Beam Supply Voltage

**Unknown - Headlamp - Right Low Beam (WDA without TVD)**

Headlamp - Right Low Beam (WDA without TVD)



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**Connector Part Information**

- OEM: 12059183
- Service: See Catalog
- Description: 2-Way F H11 Lamp Socket

**Terminal Part Information**

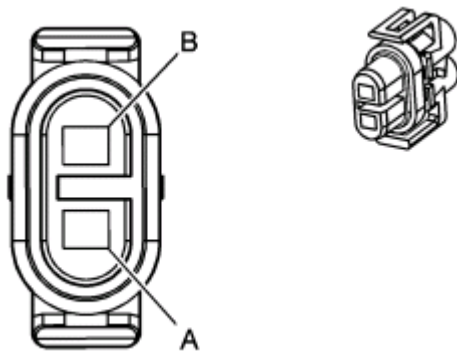
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Headlamp - Right Low Beam (WDA without TVD)**

Pin	Wire	Circuit	Function
A	0.5 BK	—	Ground
B	0.5 YE	—	Right Headlamp Low Beam Supply Voltage

### Unknown - Headlamp - Right Low Beam (Z88 without TVD)

Headlamp - Right Low Beam (Z88 without TVD)



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### Connector Part Information

- OEM: 92095787
- Service: See Catalog
- Description: 2-Way F H11 Lamp Socket

### Terminal Part Information

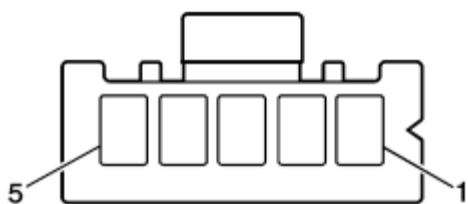
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp - Right Low Beam (Z88 without TVD)

Pin	Wire	Circuit	Function
A	1.5 RD	—	Right Headlamp Low Beam Supply Voltage
B	1.5 BK	—	Ground

### Unknown - Headlamp Control Module - Left High Beam (W49)

Headlamp Control Module - Left High Beam (W49)



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### Connector Part Information

- OEM: XARP-05V
- Service: See Catalog
- Description: 5-Way F XA Series (BK)

### Terminal Part Information

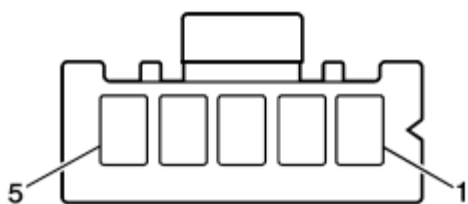
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp Control Module - Left High Beam (W49)

Pin	Wire	Circuit	Function
1	0.35 GY	—	Left Headlamp High Beam Supply Voltage
2	0.35 BK	—	Ground
3	—	—	Not Used
4	0.35 BK	—	Ground
5	0.35 GY	—	Left Headlamp High Beam Supply Voltage

### Unknown - Headlamp Control Module - Right High Beam (W49)

Headlamp Control Module - Right High Beam (W49)



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### Connector Part Information

- OEM: XARP-05V
- Service: See Catalog
- Description: 5-Way F XA Series (BK)

### Terminal Part Information

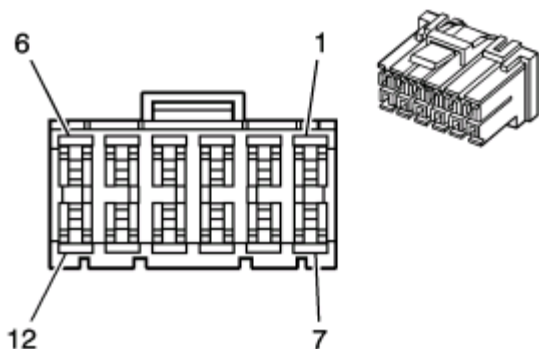
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Headlamp Control Module - Right High Beam (W49)

Pin	Wire	Circuit	Function
1	0.35 GY	—	Right Headlamp High Beam Supply Voltage
2	0.35 BK	—	Ground
3	—	—	Not Used
4	0.35 BK	—	Ground
5	0.35 GY	—	Right Headlamp High Beam Supply Voltage

### Unknown - Headlamp Control Module (TSH)

Headlamp Control Module (TSH)



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### Connector Part Information

- OEM: HLP-12V
- Service: See Catalog
- Description: 12-Way F HL Series (BK)

### Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

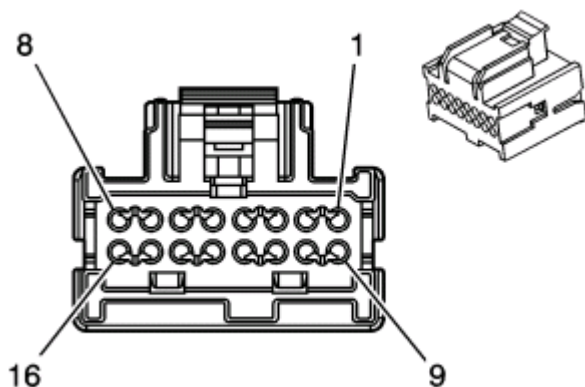
### Headlamp Control Module (TSH)

Pin	Wire	Circuit	Function
1	0.35 RD	—	Communication Enable
2	0.35 WH	—	High Speed GMLAN Serial Data Bus-
3	0.35 YE	—	High Speed GMLAN Serial Data Bus+
4	0.35 BK	—	Ground
5	0.35 OG	—	Linear Interconnect Network (LIN)
6	0.35 RD	—	Battery Positive Voltage
7	0.5 RD	—	Battery Positive Voltage
8	0.35 WH	—	High Speed GMLAN Serial Data Bus- (Early Production)

9	0.35 YE	—	High Speed GMLAN Serial Data Bus+ (Early Production)
10	0.35 BK	—	Ground
11	0.35 OG	—	Linear Interconnect Network (LIN)
12	0.35 RD	—	Battery Positive Voltage

## Unknown - Headlamp Switch

Headlamp Switch



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### Connector Part Information

- OEM: 15416970
- Service: See Catalog
- Description: 16-Way F Micro-Pack 64 Series (BK)

### Terminal Part Information

- Terminal/Tray: 15359541/4
- Core/Insulation Crimp: M/M
- Release Tool/Test Probe: 15381651-2/J-35616-64B (L-BU)

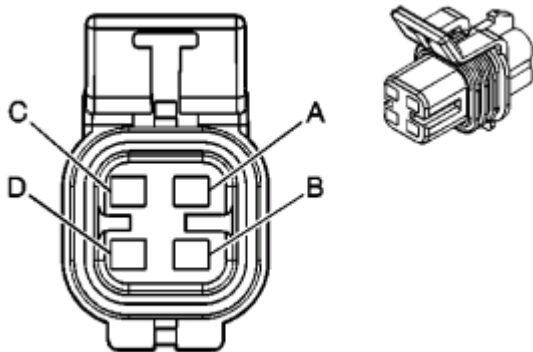
## Headlamp Switch

Pin	Wire	Circuit	Function
1	0.35 WH	103	Headlamp Switch Headlamps On Signal
2	0.35 BN/WH	301	Rear Park Lamps Supply Voltage

3	0.35 D-GN	306	Headlamp Switch Headlamps Off Signal
4-5	—	—	Not Used
6	0.35 OG	192	Fog Lamps Enable (T96)
7	0.35 PU/WH	1382	LED Dimming Signal
8	0.8 BK/WH	1551	Ground
9	0.35 PU	328	Interior Lamp Switch Signal
10	0.35 L-GN	6096	Washer Fluid Heated Control Switch Signal (XA7)
11	—	—	Not Used
12	0.35 PK/BK	1597	Courtesy Lamps Switch On Signal
13	0.35 D-GN	44	Instrument Panel Lamps Dimmer Switch Signal
14	—	—	Not Used
15	0.35 OG/WH	812	12-Volt Reference
16	—	—	Not Used

### Unknown - Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1 (LY7)

Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1 (LY7)



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#### Connector Part Information

- OEM: 12176897
- Service: 15305960
- Description: 4-Way F Metri-Pack 150 Sealed (GY)

#### Terminal Part Information

- Terminal/Tray: 12048074/2

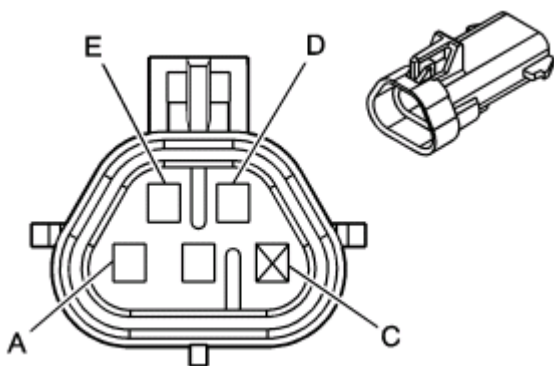
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1 (LY7)

Pin	Wire	Circuit	Function
A	0.5 TN/WH	7349	Low Reference
B	0.5 D-GN	7352	Oxygen Sensor Bank 1 Sensor 1 Signal
C	0.5 D-BU	6424	Oxygen Sensor Heated A Signal
D	0.5 PK/BK	5293	Powertrain Main Relay Fused Supply

### Unknown - Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2 (LY7)

Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2 (LY7)



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#### Connector Part Information

- OEM: 12092840
- Service: 15306311
- Description: 4-Way M Metri-Pack 150 Series, Sealed (GY)

#### Terminal Part Information

- Terminal/Tray: 12045773/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

### Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2 (LY7)

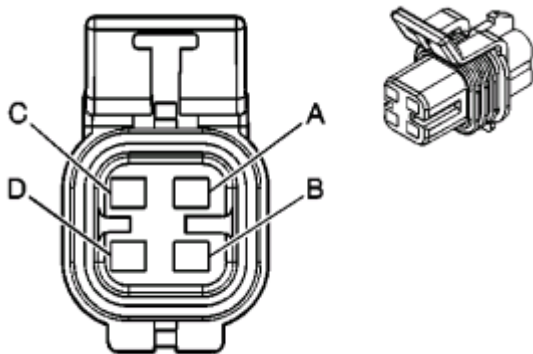
Pin	Wire	Circuit	Function
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A	0.5 WH/YE	7356	Low Reference
B	0.5 OG/D-BU	7357	Oxygen Sensor Bank 1 Sensor 2 Signal
C	—	—	Not Available
D	0.5 PK/BK	5294	IGN II/III
E	0.5 OG	6426	Oxygen Sensor Heated C Signal

### Unknown - Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1 (LY7)

Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1 (LY7)



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#### Connector Part Information

- OEM: 12176897
- Service: 15305960
- Description: 4-Way F Metri-Pack 150 Sealed (GY)

#### Terminal Part Information

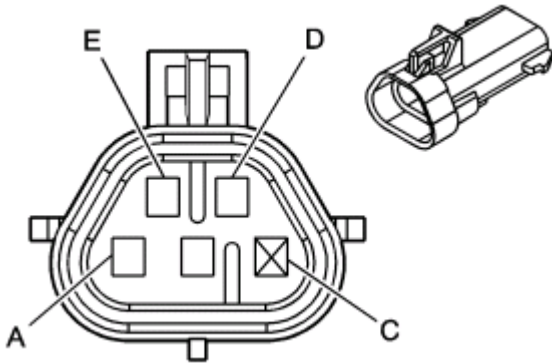
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1 (LY7)

Pin	Wire	Circuit	Function
A	0.5 TN/BK	7354	Low Reference
B	0.5 PU/WH	7355	Oxygen Sensor Heated B High Reference
C	0.5 GY	6425	Oxygen Sensor Heated B Signal
D	0.5 PK/BK	5293	Powertrain Main Relay Fused Supply

**Unknown - Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2 (LY7)**

Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2 (LY7)



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**Connector Part Information**

- OEM: 12092840
- Service: 15306311
- Description: 4-Way M Metri-Pack 150 Series, Sealed (GY)

**Terminal Part Information**

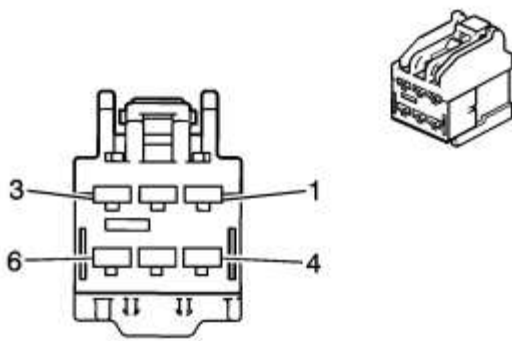
- Terminal/Tray: 12045773/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

**Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2 (LY7)**

Pin	Wire	Circuit	Function
A	0.5 VT/WH	7358	Low Reference
B	0.5 YE/BN	7359	Oxygen Sensor Bank 2 Sensor 2 Signal
C	—	—	Not Available
D	0.5 PK/BK	5294	IGN II/III
E	0.5 PU	6427	Oxygen Sensor Heated D Signal

**Unknown - Heated Seat Control Module - Driver X1 (KA1 without AG3)**

Heated Seat Control Module - Driver X1 (KA1 without AG3)



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### Connector Part Information

- OEM: 6098-4606
- Service: See Catalog
- Description: 6-Way F 2.8 Series (BN)

### Terminal Part Information

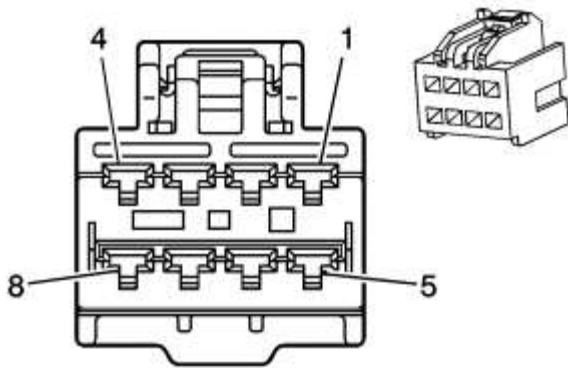
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Heated Seat Control Module - Driver X1 (KA1 without AG3)

Pin	Wire	Circuit	Function
1	0.8 PU	2424	Driver Heated Seat Back Element Control
2	0.8 PK	2480	Passenger Heated Seat Cushion Element Control
3	0.8 BN	2432	Driver Heated Seat Back Element Supply Voltage
4	0.8 L-BU	2433	Passenger Heated Seat Back Element Control
5	0.8 L-GN	2078	Heated Seat Cushion Element Control
6	0.8 D-BU	2479	Passenger Heated Seat Element Supply Voltage

### Unknown - Heated Seat Control Module - Driver X2 (KA1 without AG3)

Heated Seat Control Module - Driver X2 (KA1 without AG3)



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### Connector Part Information

- OEM: 6098-4713
- Service: 88988652
- Description: 8-Way F 2.8 Series (BK)

### Terminal Part Information

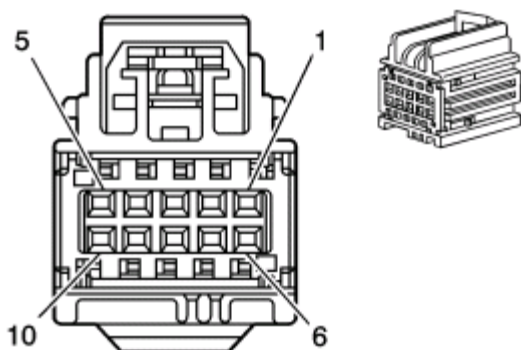
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Heated Seat Control Module - Driver X2 (KA1 without AG3)

Pin	Wire	Circuit	Function
1	1 RD/WH	640	Battery Positive Voltage
2	1 BK	550	Ground
3-4	—	—	Not Used
5	0.35 PK	2426	Low Reference
6	0.35 YE	2080	Low Reference
7	0.35 TN	2482	Low Reference
8	0.35 L-BU	5476	Low Reference

### Unknown - Heated Seat Control Module - Driver X3 (KA1 without AG3)

Heated Seat Control Module - Driver X3 (KA1 without AG3)



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### Connector Part Information

- OEM: 7283-9040-30
- Service: See Catalog
- Description: 10-Way F YESC Kaizen Series (BK)

### Terminal Part Information

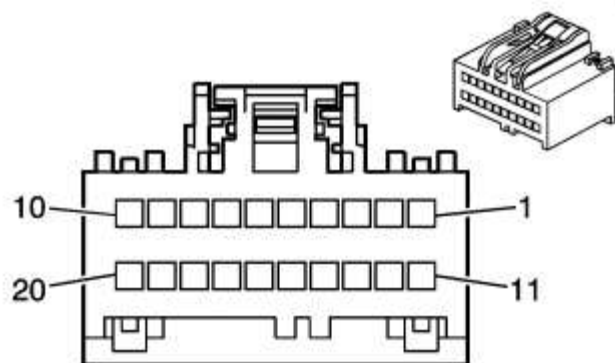
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Heated Seat Control Module - Driver X3 (KA1 without AG3)

Pin	Wire	Circuit	Function
1-3	—	—	Not Used
4	0.35 L-BU	1662	Driver Heated Seat Low Temperature Indicator Control
5	0.35 D-GN	1661	Driver Heated Seat High Temperature Indicator Control
6	0.35 D-GN	5060	Low Speed GMLAN Serial Data
7-8	—	—	Not Used
9	0.35 TN	1686	Passenger Heated Seat Low Temperature Indicator Control
10	0.35 YE	1685	Passenger Heated Seat High Temperature Indicator Control

### Unknown - Heated Seat Control Module - Driver X4 (KA1 without AG3)

## Heated Seat Control Module - Driver X4 (KA1 without AG3)



[Click here for full size](#)

### Connector Part Information

- OEM: 31410-1200
- Service: See Catalog
- Description: 20-Way F 0.64 Series (BK)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

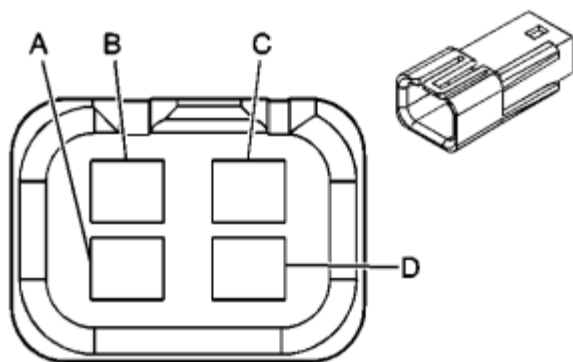
## Heated Seat Control Module - Driver X4 (KA1 without AG3)

Pin	Wire	Circuit	Function
1	0.35 D-BU	6172	Driver Heated Seat Switch Back Cushion Signal
2	—	—	Not Used
3	0.35 GY	6182	Passenger Heated Seat Switch Back Signal
4-5	—	—	Not Used
6	0.35 BN	6185	Passenger Heated Seat Medium Indicator Control
7	0.35 BN	6179	Passenger Heated Seat Switch Back Cushion LED
8	—	—	Not Used
9	0.35 YE/BK	2079	Heated Seat Cushion Temperature Sensor Signal
10	0.35 TN	2436	Heated Seat Back Temperature Sensor Signal
11	0.35 GY	6175	Driver Heated Seat Switch Back Signal

12-13	—	—	Not Used
14	0.35 D-BU	6180	Passenger Heated Seat Switch Back Cushion Signal
15	0.35 PU	6174	Driver Heated Seat Switch Back LED
16	0.35 WH/BK	6177	Driver Heated Seat Medium Indicator Control
17	0.35 BN	6173	Driver Heated Seat Switch Back Cushion LED
18	0.35 PU	6181	Passenger Heated Seat Switch Back LED
19	0.35 D-BU	2425	Driver Heated Seat Back Temperature Sensor Signal
20	0.35 GY	2434	Passenger Heated Seat Cushion Temperature Sensor Signal

### Unknown - Heated Seat Element - Driver Back (KA1)

Heated Seat Element - Driver Back (KA1)



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#### Connector Part Information

- OEM: 12047786
- Service: 12085536
- Description: 4-Way M Metri-Pack 150 Series, Unsealed (BK)

#### Terminal Part Information

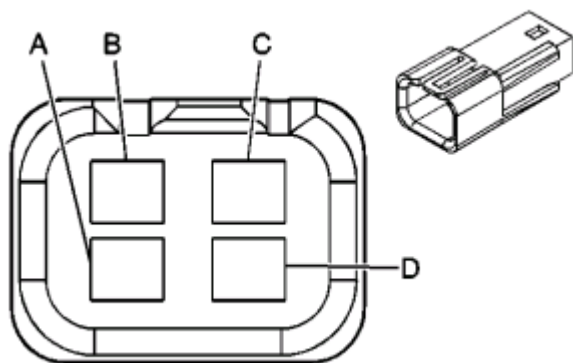
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: Pins A, B - E/A
- Core/Insulation Crimp: Pins C, D - E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

### Heated Seat Element - Driver Back (KA1)

Pin	Wire	Circuit	Function
A	0.8 BN	2432	Driver Heated Seat Back Element Supply Voltage
B	0.8 PU	2424	Driver Heated Seat Back Element Control
C	0.35 D-BU	2425	Driver Heated Seat Back Temperature Sensor Signal
D	0.35 PK	2426	Low Reference

### Unknown - Heated Seat Element - Driver Cushion (KA1)

Heated Seat Element - Driver Cushion (KA1)



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### Connector Part Information

- OEM: 12047786
- Service: 12085536
- Description: 4-Way M Metri-Pack 150 Series, Unsealed (BK)

### Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: Pins A, B - E/A
- Core/Insulation Crimp: Pins C, D - E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

### Heated Seat Element - Driver Cushion (KA1)

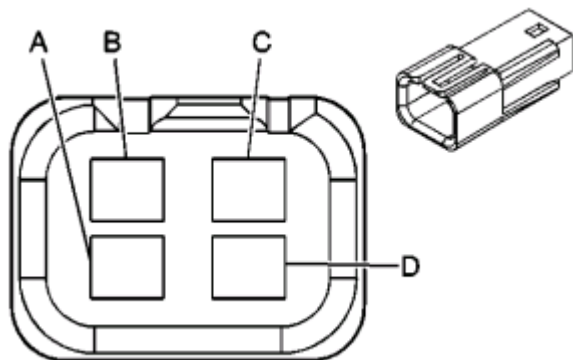
Pin	Wire	Circuit	Function
A	0.8 BN	2432	Driver Heated Seat Back Element Supply Voltage
B	0.8 L-GN	2078	Heated Seat Cushion Element Control



C	0.35 YE/BK	2079	Heated Seat Cushion Temperature Sensor Signal
D	0.35 YE	2080	Low Reference

### Unknown - Heated Seat Element - Passenger Back (KA1)

Heated Seat Element - Passenger Back (KA1)



[Click here for full size](#)

### Connector Part Information

- OEM: 12047786
- Service: 12085536
- Description: 4-Way M Metri-Pack 150 Series, Unsealed (BK)

### Terminal Part Information

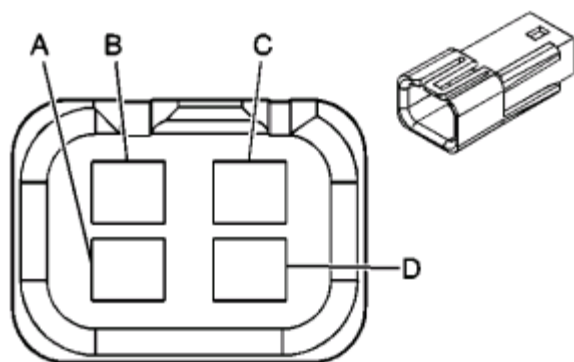
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: Pins A, B - E/A
- Core/Insulation Crimp: Pins C, D - E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

### Heated Seat Element - Passenger Back (KA1)

Pin	Wire	Circuit	Function
A	0.8 D-BU	2479	Passenger Heated Seat Element Supply Voltage
B	0.8 L-BU	2433	Passenger Heated Seat Back Element Control
C	0.35 TN	2436	Heated Seat Back Temperature Sensor Signal
D	0.35 TN	2482	Low Reference

### Unknown - Heated Seat Element - Passenger Cushion (KA1)

## Heated Seat Element - Passenger Cushion (KA1)



[Click here for full size](#)

### Connector Part Information

- OEM: 12047786
- Service: 12085536
- Description: 4-Way M Metri-Pack 150 Series, Unsealed (BK)

### Terminal Part Information

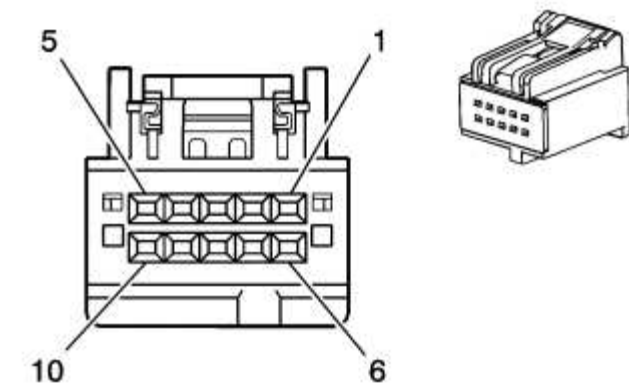
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: Pins A, B - E/A
- Core/Insulation Crimp: Pins C, D - E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

## Heated Seat Element - Passenger Cushion (KA1)

Pin	Wire	Circuit	Function
A	0.8 D-BU	2479	Passenger Heated Seat Element Supply Voltage
B	0.8 PK	2480	Passenger Heated Seat Cushion Element Control
C	0.35 GY	2434	Passenger Heated Seat Cushion Temperature Sensor Signal
D	0.35 L-BU	5476	Low Reference

## Unknown - Heated Seat Switch - Driver (KA1)

Heated Seat Switch - Driver (KA1)



[Click here for full size](#)

### Connector Part Information

- OEM: 30700-1100
- Service: See Catalog
- Description: 10-Way F HDAC64 DR Series (GY)

### Terminal Part Information

- Terminal/Tray: 1393364-2/7
- Core/Insulation Crimp: K/K
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)

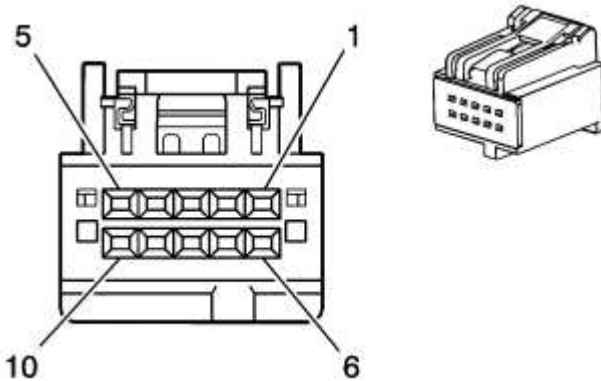
### Heated Seat Switch - Driver (KA1)

Pin	Wire	Circuit	Function
1	0.35 BN	6173	Driver Heated Seat Switch Back Cushion LED
2	0.35 PU/WH	6816	Heated Seat Indicator Dimming
3	0.35 PU/WH	1382	LED Dimming Signal
4	0.35 D-BU	6172	Driver Heated Seat Switch Back Cushion Signal
5	0.35 GY	6175	Driver Heated Seat Switch Back Signal
6	0.35 L-BU	1662	Driver Heated Seat Low Temperature Indicator Control
7	0.5 BK	750	Ground
8	0.35 WH/BK	6177	Driver Heated Seat Medium Indicator Control
9	0.35 PU	6174	Driver Heated Seat Switch Back LED

10	0.35 D-GN	1661	Driver Heated Seat High Temperature Indicator Control
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### Unknown - Heated Seat Switch - Passenger (KA1)

Heated Seat Switch - Passenger (KA1)



[Click here for full size](#)

#### Connector Part Information

- OEM: 30700-1101
- Service: See Catalog
- Description: 10-Way F HDAC64 DR Series (BK)

#### Terminal Part Information

- Terminal/Tray: 1393364-2/7
- Core/Insulation Crimp: K/K
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)

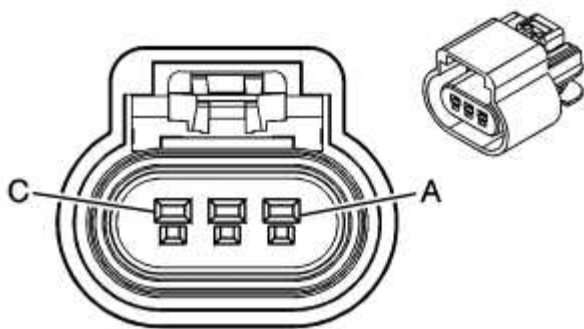
### Heated Seat Switch - Passenger (KA1)

Pin	Wire	Circuit	Function
1	0.35 BN	6179	Passenger Heated Seat Switch Back Cushion LED
2	0.35 PU/WH	6816	Heated Seat Indicator Dimming
3	0.35 PU/WH	1382	LED Dimming Signal
4	0.35 D-BU	6180	Passenger Heated Seat Switch Back Cushion Signal
5	0.35 GY	6182	Passenger Heated Seat Switch Back Signal

6	0.35 TN	1686	Passenger Heated Seat Low Temperature Indicator Control
7	0.5 BK	750	Ground
8	0.35 WH/BK	6185	Passenger Heated Seat Medium Indicator Control
9	0.35 PU	6181	Passenger Heated Seat Switch Back LED
10	0.35 YE	1685	Passenger Heated Seat High Temperature Indicator Control

### Unknown - Hood Ajar Switch (AP3 or AP8)

Hood Ajar Switch (AP3 or AP8)



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### Connector Part Information

- OEM: 15326808
- Service: See Catalog
- Description: 3-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

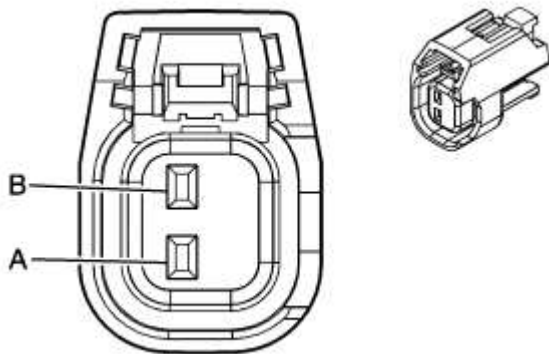
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Hood Ajar Switch (AP3 or AP8)

Pin	Wire	Circuit	Function
A	0.35 PK/BK	109	Hood Ajar Switch Signal
B	0.35 PU	5531	Hood Closed Switch Signal
C	0.35 BK	1250	Ground

**Unknown - Horn - High Note**

Horn - High Note


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**Connector Part Information**

- OEM: 15419715
- Service: 88988313
- Description: 2-Way F GT 150 Series Sealed (GY)

**Terminal Part Information**

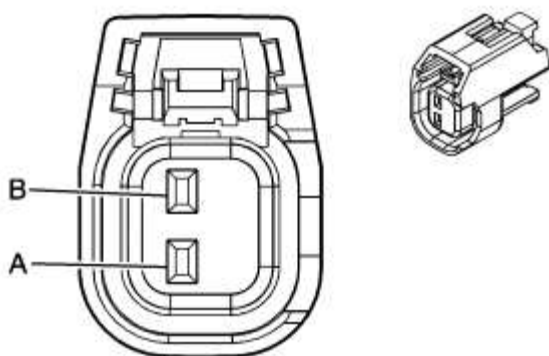
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A - E/A
- Core/Insulation Crimp: Pins B - 2/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

**Horn - High Note**

Pin	Wire	Circuit	Function
A	0.5 BK	1250	Ground
B	0.8 D-GN	1329	Horn Fuse Supply Voltage

**Unknown - Horn - Low Note**

Horn - Low Note



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### Connector Part Information

- OEM: 15419715
- Service: 88988313
- Description: 2-Way F GT 150 Series Sealed (GY)

### Terminal Part Information

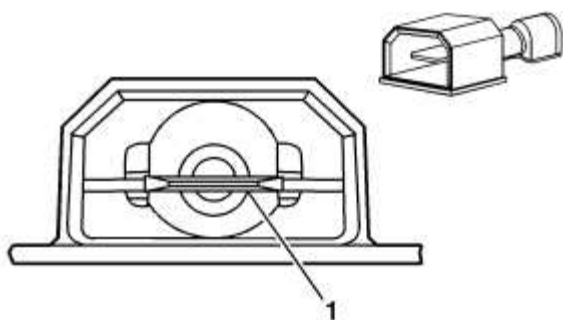
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A - E/A
- Core/Insulation Crimp: Pins B - 2/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Horn - Low Note

Pin	Wire	Circuit	Function
A	0.5 BK	1250	Ground
B	0.8 D-GN	1329	Horn Fuse Supply Voltage

### Unknown - Horn Switch X1

Horn Switch X1



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#### Connector Part Information

- OEM: 2-521102-2
- Service: See Catalog
- Description: 1-Way F 4.75 Series (RD)

#### Terminal Part Information

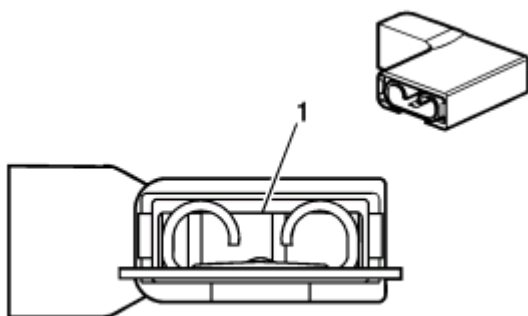
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

#### Horn Switch X1

Pin	Wire	Circuit	Function
1	0.35 D-GN	29	Horn Control

#### Unknown - Horn Switch X2

Horn Switch X2



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### Connector Part Information

- OEM: 2-520128-2
- Service: See Catalog
- Description: 1-Way F 6.35 Series (RD)

### Terminal Part Information

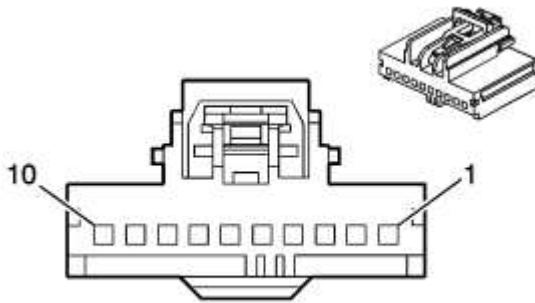
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Horn Switch X2

Pin	Wire	Circuit	Function
1	0.35 BK/WH	1550	Ground

### Unknown - HVAC Control Assembly - Auxiliary (without UK6)

HVAC Control Assembly - Auxiliary (without UK6)



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### Connector Part Information

- OEM: 89047355
- Service: See Catalog
- Description: 10-Way F 0.64 Unsealed (BK)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14

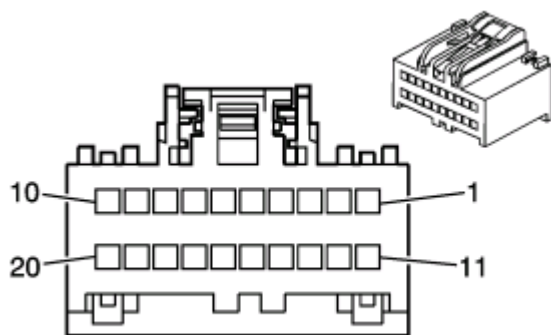
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### HVAC Control Assembly - Auxiliary (without UK6)

Pin	Wire	Circuit	Function
1	0.35 GY	8	Instrument Panel Lamp Supply Voltage
2	0.5 BK	750	Ground
3	0.5 GY	596	5-Volt Reference
4	0.5 GY/BK	1798	Low Reference
5-6	—	—	Not Used
7	0.5 PU/WH	760	Auxiliary Blower Motor Speed Control
8	0.5 YE	2214	Auxiliary Air Temperature Door Control
9	—	—	Not Used
10	0.5 OG	2615	Auxiliary Mode Door Control

### Unknown - HVAC Control Module X1

HVAC Control Module X1



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### Connector Part Information

- OEM: 15126709
- Service: See Catalog
- Description: 20-Way F USCAR 0.64 Series (BN)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P

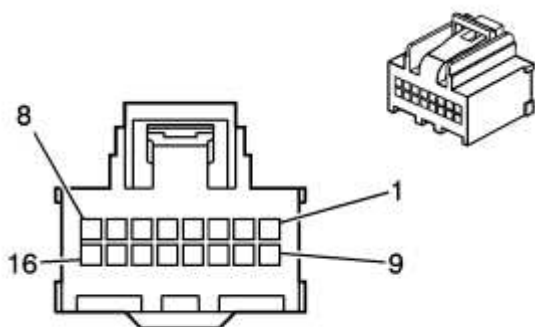
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

## HVAC Control Module X1

Pin	Wire	Circuit	Function
1-3	—	—	Not Used
4	0.35 D-GN	734	Inside Air Temperature Sensor Signal (CJ2)
5	0.35 GY	1548	Passenger Sunload Sensor Signal (CJ2)
6-7	—	—	Not Used
8	0.5 PK	2145	Air Temperature Switch Signal - Right (C67)
	0.5 PU/WH	760	Auxiliary Blower Motor Speed Control (CJ2 without UK6)
9	0.5 OG	2615	Auxiliary Mode Door Control (without UK6)
10	0.5 YE	2214	Auxiliary Air Temperature Door Control (without UK6)
11-14	—	—	Not Used
15	0.35 L-BU/BK	590	Driver Sunload Sensor Signal (CJ2)
16	0.35 TN	516	Upper Left Air Temperature Sensor Signal (CJ2)
17	0.35 TN	517	Upper Right Air Temperature Sensor Signal (CJ2)
18	0.5 GY	2599	Auxiliary Mode Door Control (C67)
	0.5 PK	2145	Air Temperature Switch Signal - Right (CJ2)
19	0.5 PU/WH	760	Auxiliary Blower Motor Speed Control (C67 without UK6)
	0.5 GY	2599	Auxiliary Mode Door Control (CJ2)
20	—	—	Not Used

## Unknown - HVAC Control Module X2 (C67)

HVAC Control Module X2 (C67)



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### Connector Part Information

- OEM: 7283-9080-90
- Service: See Catalog
- Description: 16-Way F USCAR 0.64 Series (BU)

### Terminal Part Information

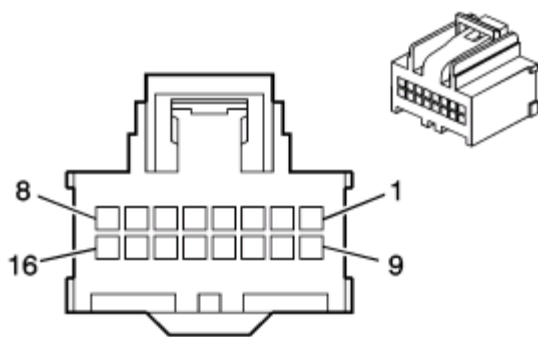
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### HVAC Control Module X2 (C67)

Pin	Wire	Circuit	Function
1	0.35 PU/WH	1382	LED Dimming Signal
2	0.35 OG	300	Power Mode
3	0.35 BK/WH	1551	Ground
4	0.5 RD/WH	4540	Battery Positive Voltage
5	0.35 D-GN	5060	Low Speed GMLAN Serial Data
6-7	—	—	Not Used
8	0.35 WH	193	Rear Defog Relay Control
9	0.35 L-GN/BK	735	Ambient Air Temperature Sensor Signal
10	0.35 BK	1450	Ground
11	—	—	Not Used
12	0.35 YE	61	Low Reference
13-16	—	—	Not Used

### Unknown - HVAC Control Module X2 (CJ2)

HVAC Control Module X2 (CJ2)



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### Connector Part Information

- OEM: 7283-9076-30
- Service: See Catalog
- Description: 16-Way F Kaizen 0.64 Series (BK)

### Terminal Part Information

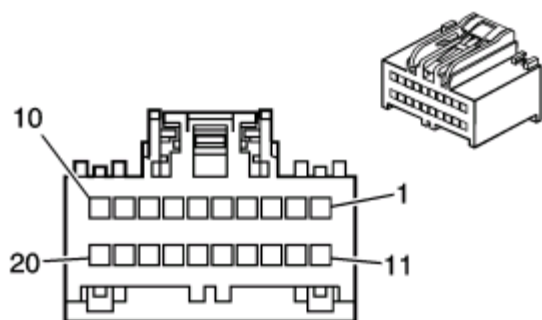
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### HVAC Control Module X2 (CJ2)

Pin	Wire	Circuit	Function
1	0.5 RD/WH	4540	Battery Positive Voltage
2-3	—	—	Not Used
4	0.35 L-GN/BK	735	Ambient Air Temperature Sensor Signal
5	0.35 D-GN	5060	Low Speed GMLAN Serial Data
6-7	—	—	Not Used
8	0.35 BK/WH	1551	Ground
9	0.35 OG	300	Power Mode
10	0.35 WH	193	Rear Defog Relay Control
11-15	—	—	Not Used
16	0.35 YE	61	Low Reference

### Unknown - HVAC Control Module X3

HVAC Control Module X3



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### Connector Part Information

- OEM: 15126710
- Service: 15126710
- Description: 20-Way F (GY)

### Terminal Part Information

- Terminal/Tray: SAIT-A03T-M064/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215A/J35616-64B (L-BU)

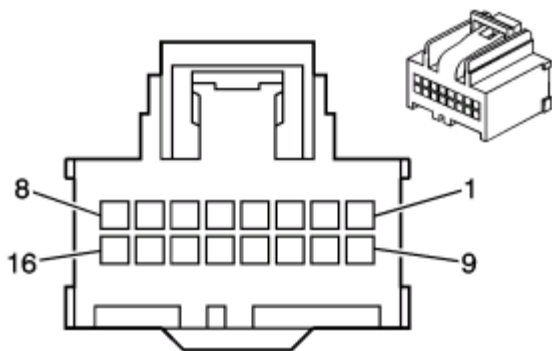
### HVAC Control Module X3

Pin	Wire	Circuit	Function
1	0.35 TN	518	Lower Left Air Temperature Sensor Signal (CJ2)
2	0.35 L-GN	2275	Mode Door Position Signal
3	0.35 PU	1838	Recirculation Door Position Signal
4	0.35 GY/BK	754	Blower Motor Speed Control
5	0.35 TN	2273	Mode Door Control
6	0.35 D-BU	1199	Air Temperature Door Control (CJ2)
7	0.35 D-GN	1614	Recirculation Door Control B
8	0.35 WH/BK	1236	Auxiliary Air Temperature Door Control
9	—	—	Not Used
10	0.35 GY	598	5-Volt Reference
11	0.35 TN	520	Lower Right Air Temperature Sensor Signal (CJ2)

12	0.35 L-BU	733	Air Temperature Door Position Signal (CJ2)
13	0.35 D-BU	1646	Auxiliary Air Temperature Door Position Signal
14	0.35 WH	2622	Evaporator Temperature Sensor Signal
15	0.35 WH	119	Mode Door Control
16	0.35 L-GN	2210	Air Temperature Door Control (CJ2)
17	0.35 TN/BK	2274	Recirculation Door Control A
18	0.35 GY/BK	2778	Right Air Temperature Door Control A
19	0.35 TN	552	Low Reference
20	0.35 YE	1791	Low Reference

### Unknown - HVAC Control Module X4

HVAC Control Module X4



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### Connector Part Information

- OEM: 7283-9079-60
- Service: See Catalog
- Description: 16-Way F 064 Series Unsealed (GN)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

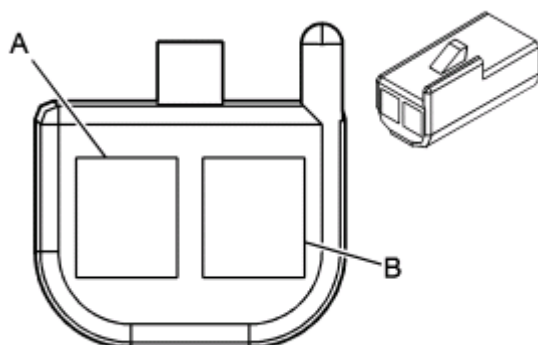
### HVAC Control Module X4

Pin	Wire	Circuit	Function
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1	—	—	Not Used
2	0.5 GY	596	5-Volt Reference
3	0.5 L-GN/WH	5729	Auxiliary Mode Motor Supply Voltage
4	0.5 BN	6555	Auxiliary Temperature Motor Supply Voltage
5	0.5 GY/BK	1798	Low Reference (C67)
6	0.5 GY/BK	1798	Low Reference
7-9	—	—	Not Used
10	0.5 D-GN	2211	Auxiliary Blower Motor Speed Control
11	0.5 OG	2215	Auxiliary Mode Door Control
12	0.5 GY	2614	Auxiliary Air Temperature Door Control
13-16	—	—	Not Used

### Unknown - I/P Compartment Lamp

I/P Compartment Lamp



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### Connector Part Information

- OEM: 12047662
- Service: 12085535
- Description: 2-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

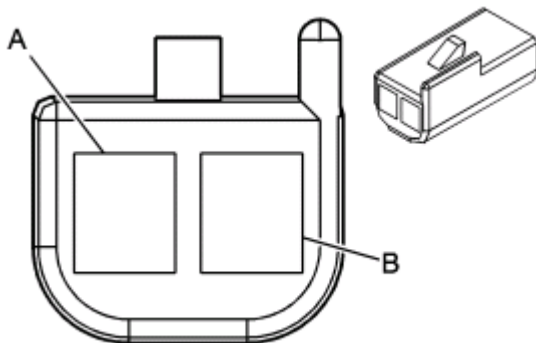
### I/P Compartment Lamp



Pin	Wire	Circuit	Function
A	0.5 OG	1732	Courtesy Lamps Supply Voltage
B	0.5 BK	750	Ground

### Unknown - I/P Courtesy Lamp - Left

I/P Courtesy Lamp - Left



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### Connector Part Information

- OEM: 12047662
- Service: 12085535
- Description: 2-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

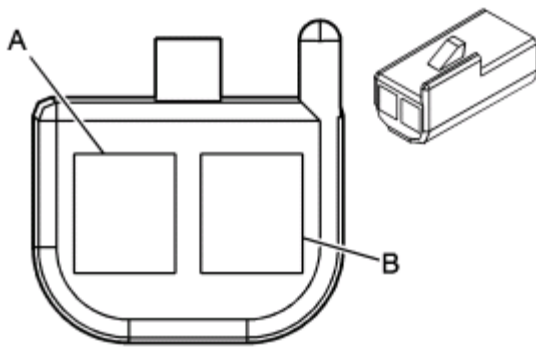
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### I/P Courtesy Lamp - Left

Pin	Wire	Circuit	Function
A	0.5 GY/BK	690	Courtesy Lamp High Control
B	0.5 BK	750	Ground

### Unknown - I/P Courtesy Lamp - Right

I/P Courtesy Lamp - Right



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### Connector Part Information

- OEM: 12047662
- Service: 12085535
- Description: 2-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

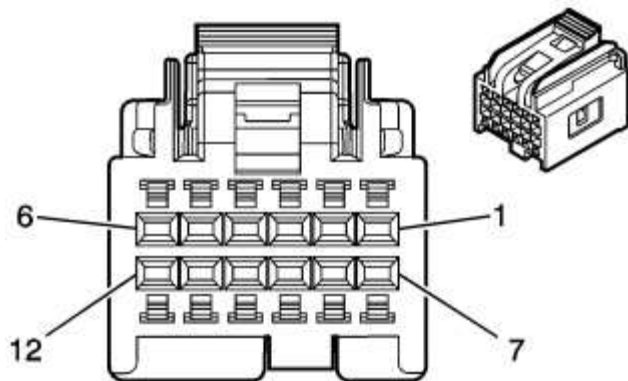
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### I/P Courtesy Lamp - Right

Pin	Wire	Circuit	Function
A	0.5 GY/BK	690	Courtesy Lamp High Control
B	0.5 BK	750	Ground

### Unknown - I/P Switch Assembly

I/P Switch Assembly



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### Connector Part Information

- OEM: 31410-1120
- Service: See Catalog
- Description: 12-Way F 0.64 Series (BK)

### Terminal Part Information

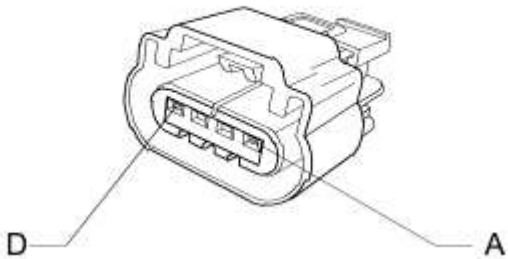
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)


### I/P Switch Assembly

Pin	Wire	Circuit	Function
1	0.35 BN/WH	1571	Traction Control Switch Signal
2	—	—	Not Used
3	0.35 BK	750	Ground
4	0.35 PU/WH	1382	LED Dimming Signal
5	0.35 GY	391	Rear Window Wiper Switch Signal (W49)
6	0.35 WH	2283	Rear Wiper/Washer Switch Supply Voltage (W49)
7	0.35 D-GN/WH	5800	Liftgate Open/Close Switch Signal (E61)
8	0.35 D-GN	6112	Power Liftgate On/Off Switch Signal (E61)
9-10	—	—	Not Used
11	0.35 L-BU	553	Tow/Haul Switch Signal
12	0.35 L-GN	2270	Rear Window Washer Relay Control (W49)

**Unknown - Ignition Coil 1 (LY7)**

Ignition Coil 1 (LY7)



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**Connector Part Information**

- OEM: 15466325
- Service: 88988737
- Description: 4-Way F Global Terminal/150 (BK)

**Terminal Part Information**

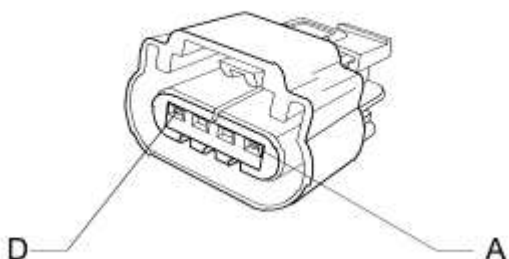
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A, D - 2/A
- Core/Insulation Crimp: Pins B, C - E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)


**Ignition Coil 1 (LY7)**

Pin	Wire	Circuit	Function
A	1 BK	2550	Ground
B	0.5 PU	6413	Low Reference
C	0.5 BN/WH	6405	Ignition Coil 1 Control
D	1 PK/BK	5291	Ignition Voltage

**Unknown - Ignition Coil 2 (LY7)**

Ignition Coil 2 (LY7)



 [Click here for full size](#)

### Connector Part Information

- OEM: 15466325
- Service: 88988737
- Description: 4-Way F Global Terminal/150 (BK)

### Terminal Part Information

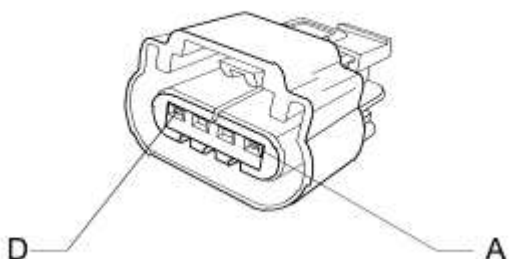
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A, D - 2/A
- Core/Insulation Crimp: Pins B, C - E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Ignition Coil 2 (LY7)

Pin	Wire	Circuit	Function
A	1 BK	2650	Ground
B	0.5 PK	6414	Low Reference
C	0.5 D-BU/WH	6406	Ignition Coil 2 Control
D	1 PK/BK	5292	Ignition Voltage

### Unknown - Ignition Coil 3 (LY7)

Ignition Coil 3 (LY7)



 [Click here for full size](#)

### Connector Part Information

- OEM: 15466325
- Service: 88988737
- Description: 4-Way F Global Terminal/150 (BK)

### Terminal Part Information

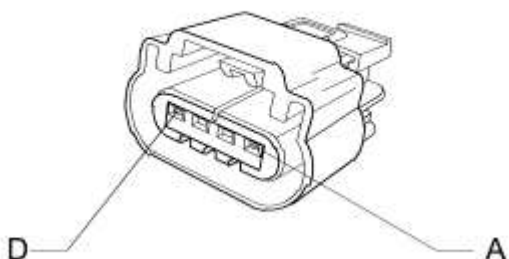
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A, D - 2/A
- Core/Insulation Crimp: Pins B, C - E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)


### Ignition Coil 3 (LY7)

Pin	Wire	Circuit	Function
A	1 BK	2550	Ground
B	0.5 PU	6413	Low Reference
C	0.5 D-GN/WH	6407	Ignition Coil 3 Control
D	1 PK/BK	5291	Ignition Voltage

### Unknown - Ignition Coil 4 (LY7)

Ignition Coil 4 (LY7)



 [Click here for full size](#)

### Connector Part Information

- OEM: 15466325
- Service: 88988737
- Description: 4-Way F Global Terminal/150 (BK)

### Terminal Part Information

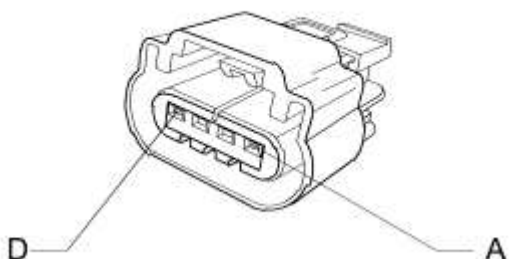
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A, D - 2/A
- Core/Insulation Crimp: Pins B, C - E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)


### Ignition Coil 4 (LY7)

Pin	Wire	Circuit	Function
A	1 BK	2650	Ground
B	0.5 PK	6414	Low Reference
C	0.5 L-BU/WH	6408	Ignition Coil 4 Control
D	1 PK/BK	5292	Ignition Voltage

### Unknown - Ignition Coil 5 (LY7)

Ignition Coil 5 (LY7)



 [Click here for full size](#)

### Connector Part Information

- OEM: 15466325
- Service: 88988737
- Description: 4-Way F Global Terminal/150 (BK)

### Terminal Part Information

- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A, D - 2/A
- Core/Insulation Crimp: Pins B, C - E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

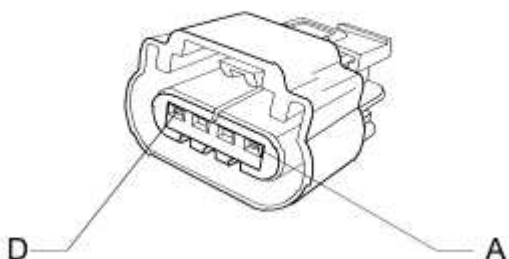
### Ignition Coil 5 (LY7)


Pin	Wire	Circuit	Function
A	1 BK	2550	Ground
B	0.5 PU	6413	Low Reference
C	0.5 L-GN/WH	6409	Ignition Coil 5 Control
D	1 PK/BK	5291	Ignition Voltage

### Unknown - Ignition Coil 6 (LY7)

Ignition Coil 6 (LY7)





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### Connector Part Information

- OEM: 15466325
- Service: 88988737
- Description: 4-Way F Global Terminal/150 (BK)

### Terminal Part Information

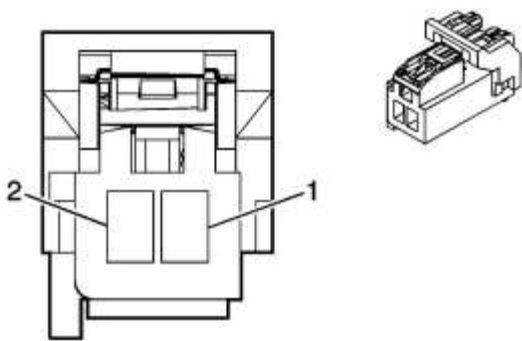
- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: Pins A, D - 2/A
- Core/Insulation Crimp: Pins B, C - E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Ignition Coil 6 (LY7)

Pin	Wire	Circuit	Function
A	1 BK	2650	Ground
B	0.5 PK	6414	Low Reference
C	0.5 PU/WH	6410	Ignition Coil 6 Control
D	1 PK/BK	5292	Ignition Voltage

### Unknown - Ignition Lock Cylinder Control Actuator

Ignition Lock Cylinder Control Actuator



[Click here for full size](#)

### Connector Part Information

- OEM: 7283725830
- Service: See Catalog
- Description: 2-Way F GT 150 Unsealed (BK)

### Terminal Part Information

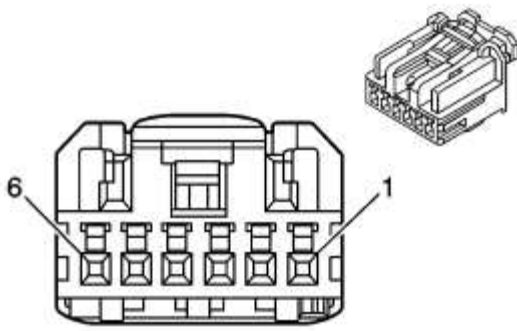
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Ignition Lock Cylinder Control Actuator

Pin	Wire	Circuit	Function
1	0.35 BK	1450	Ground
2	0.35 PU/WH	1630	Steering Column Key Cylinder Lock Solenoid Control

### Unknown - Ignition Switch

Ignition Switch



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### Connector Part Information

- OEM: HCMPBC06K
- Service: See Catalog
- Description: 6-Way F (BK)

### Terminal Part Information

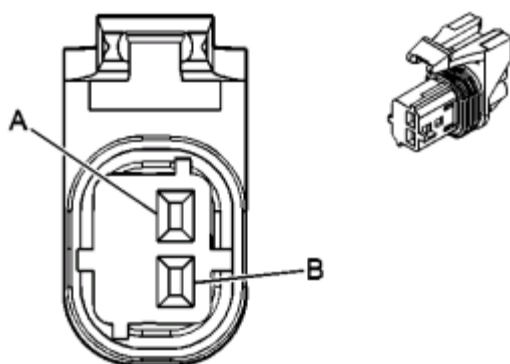
- Terminal/Tray: SHCM-A03T-P025/20
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

### Ignition Switch

Pin	Wire	Circuit	Function
1	0.35 PK	3	Ignition Voltage
2	0.35 RD/WH	1040	Battery Positive Voltage
3	0.35 BN	4	Accessory Voltage
4	0.35 WH	1390	Off/Run/Crank Voltage
5	—	—	Not Used
6	0.35 WH/BK	1073	Ignition Key Resistor Signal

### Unknown - Inflatable Restraint Front End Sensor - Left

Inflatable Restraint Front End Sensor - Left



 [Click here for full size](#)

### Connector Part Information

- OEM: 15356723
- Service: 15306439
- Description: 2-Way F GT 150 Sealed 4.0 (YE)

### Terminal Part Information

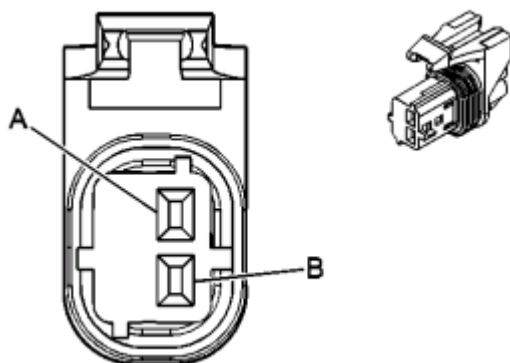
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Inflatable Restraint Front End Sensor - Left

Pin	Wire	Circuit	Function
A	0.35 TN/OG	5045	Low Reference
B	0.35 YE	354	Discriminating Sensor - Signal

### Unknown - Inflatable Restraint Front End Sensor - Right

Inflatable Restraint Front End Sensor - Right



 [Click here for full size](#)

### Connector Part Information

- OEM: 15356723
- Service: 15306439
- Description: 2-Way F GT 150 Sealed 4.0 (YE)

### Terminal Part Information

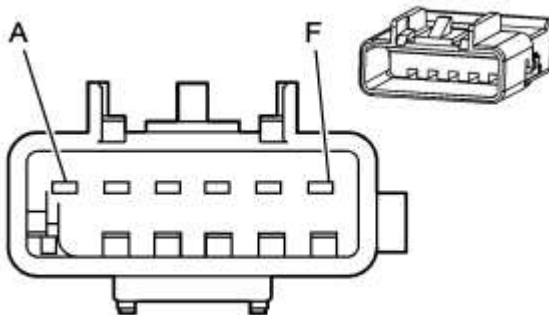
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

### Inflatable Restraint Front End Sensor - Right

Pin	Wire	Circuit	Function
A	0.35 GY	5054	Low Reference
B	0.35 D-GN	1409	Discriminating Sensor - Right - Signal

### Unknown - Inflatable Restraint Front Passenger Presence System (PPS) Sensor

Inflatable Restraint Front Passenger Presence System (PPS) Sensor



 [Click here for full size](#)

### Connector Part Information

- OEM: 15332142
- Service: 89046638
- Description: 6-Way M GT 150/280 Series, Sealed (BK)

### Terminal Part Information

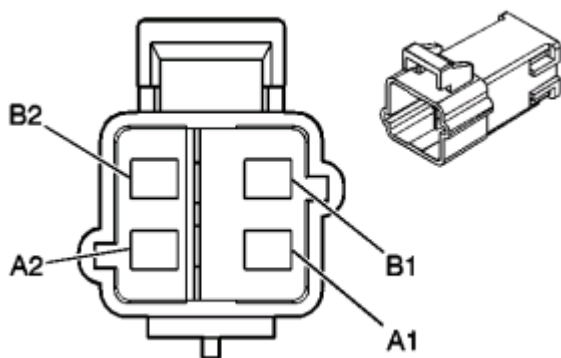
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: 15315247/J-35616-3 (GY)

### Inflatable Restraint Front Passenger Presence System (PPS) Sensor

Pin	Wire	Circuit	Function
A	0.35 RD/WH	1340	Battery Positive Voltage
B	0.35 D-GN	5060	Low Speed GMLAN Serial Data
C	—	—	Not Used
D	0.35 BK/WH	1751	Ground
E-F	—	—	Not Used

### Unknown - Inflatable Restraint I/P Module

Inflatable Restraint I/P Module



[Click here for full size](#)

### Connector Part Information

- OEM: 15336476
- Service: 15336476
- Description: 4-Way M MP 280 Series (YE)

### Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit

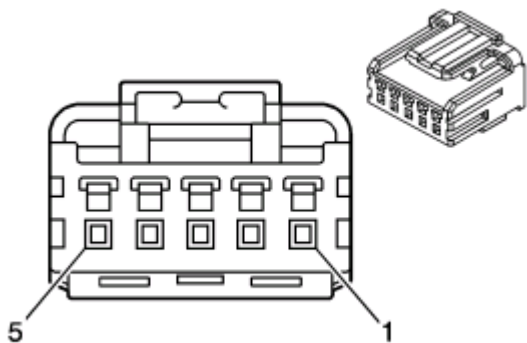
- Release Tool/Test Probe: See Terminal Repair Kit

## Inflatable Restraint I/P Module

Pin	Wire	Circuit	Function
A1	0.35 OG	3024	I/P Module - Stage 1 - Low Control
A2	0.35 YE	3025	I/P Module - Stage 1 - High Control
B1	0.35 PU	3026	I/P Module - Stage 2 - Low Control
B2	0.35 GY	3027	I/P Module - Stage 2 - High Control

## Unknown - Inflatable Restraint I/P Module Indicator

Inflatable Restraint I/P Module Indicator



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### Connector Part Information

- OEM: 15398877
- Service: See Catalog
- Description: 5-Way F HCM Series (WH)

### Terminal Part Information

- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

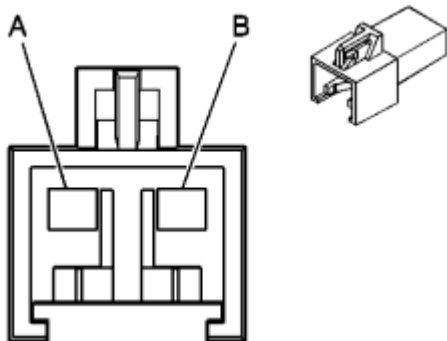
## Inflatable Restraint I/P Module Indicator

Pin	Wire	Circuit	Function
1	0.35 D-BU	2307	Passenger Air Bag On Indicator Control

2	0.35 BK	1450	Ground
3	0.35 D-GN	2308	Passenger Air Bag Off Indicator Control
4	0.35 PK	1139	Ignition Voltage
5	0.35 PU	5234	Passenger Seat Belt Indicator

### Unknown - Inflatable Restraint Roof Rail Module - Driver

Inflatable Restraint Roof Rail Module - Driver



[Click here for full size](#)

#### Connector Part Information

- OEM: 12186799
- Service: 88988877
- Description: 2-Way M Metri-Pack 280 Series (YE)

#### Terminal Part Information

- Terminal/Tray: 12066337/18
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-5 (PU)

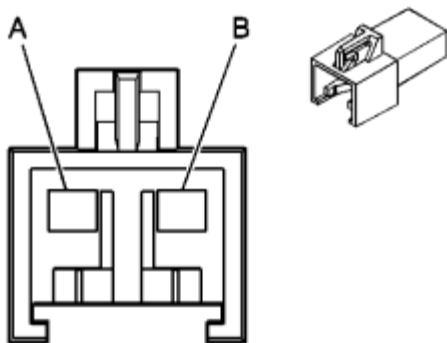
### Inflatable Restraint Roof Rail Module - Driver

Pin	Wire	Circuit	Function
A	0.35 PU/WH	5019	Roof Rail Module - Left - High Control
B	0.35 PK	5020	Roof Rail Module - Left - Low Control

### Unknown - Inflatable Restraint Roof Rail Module - Passenger

Inflatable Restraint Roof Rail Module - Passenger





 [Click here for full size](#)

#### Connector Part Information

- OEM: 12186799
- Service: 88988877
- Description: 2-Way M Metri-Pack 280 Series (YE)

#### Terminal Part Information

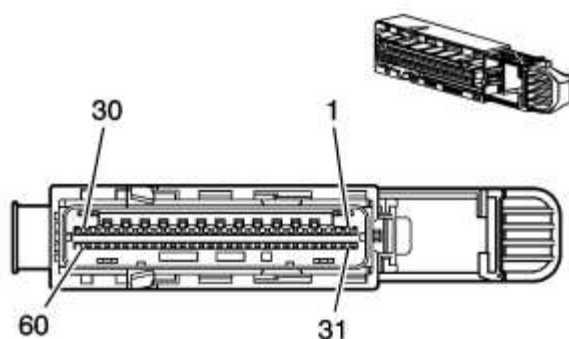
- Terminal/Tray: 12066337/18
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-5 (PU)

#### Inflatable Restraint Roof Rail Module - Passenger

Pin	Wire	Circuit	Function
A	0.35 YE/BK	5021	Roof Rail Module - Right - High Control
B	0.35 WH/BK	5022	Roof Rail Module - Right - Low Control

#### Unknown - Inflatable Restraint Sensing and Diagnostic Module (SDM)

Inflatable Restraint Sensing and Diagnostic Module (SDM)



[Click here for full size](#)

### Connector Part Information

- OEM: 2-184464-2
- Service: See Catalog
- Description: 60-Way F GET Series (YE)

### Terminal Part Information

- Terminal/Tray: Service With Terminated Lead
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)

### Inflatable Restraint Sensing and Diagnostic Module (SDM)

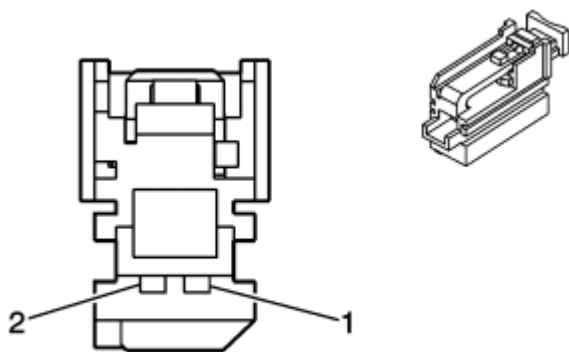
Pin	Wire	Circuit	Function
1	0.5 BK/WH	1751	Ground
2	0.35 D-GN	5060	Low Speed GMLAN Serial Data
3	0.35 D-GN	5060	Low Speed GMLAN Serial Data
4	0.35 PK	3022	Steering Wheel Module - Stage 2 - Low Control
5	0.35 WH	3023	Steering Wheel Module - Stage 2 - High Control
6	0.35 GY	3027	I/P Module - Stage 2 - High Control
7	0.35 PU	3026	I/P Module - Stage 2 - Low Control
8	0.35 BN	3020	Steering Wheel Module - Stage 1 - Low Control
9	0.35 TN	3021	Steering Wheel Module - Stage 1 - High Control
10	0.35 YE	3025	I/P Module - Stage 1 - High Control

11	0.35 OG	3024	I/P Module - Stage 1 - Low Control
12	0.5 YE/BK	2138	Side Impact Module - Left Front - Low Control
13	0.5 BN	2137	Side Impact Module - Left Front - High Control
14	0.5 TN/WH	2135	Side Impact Module - Right Front - High Control
15	0.5 L-GN	2136	Side Impact Module - Right Front - Low Control
16-19	-	-	Not Used
20	0.5 PK	5020	Roof Rail Module - Left - Low Control
21	0.5 PU/WH	5019	Roof Rail Module - Left - High Control
22	0.5 YE/BK	5021	Roof Rail Module - Right - High Control
23	0.5 WH/BK	5022	Roof Rail Module - Right - Low Control
24	0.5 OG/BK	2119	Seat Belt Pretensioner - Left - Low Control
25	0.5 TN/WH	2118	Seat Belt Pretensioner - Left - High Control
26	0.5 L-GN	2116	Seat Belt Pretensioner - Right - High Control
27	0.5 OG	2117	Seat Belt Pretensioner - Right - Low Control
28	0.35 PK	5057	Low Reference
29	-	-	Not Used
30	0.35 L-BU	5056	Seat Position Sensor - Right - Signal (W49)
31	0.35 RD/WH	1340	Battery Positive Voltage
32	0.5 PK	1139	Ignition Voltage
33-35	-	-	Not Used
36	0.35 YE	354	Discriminating Sensor - Signal
37	0.35 D-GN	1409	Discriminating Sensor - Right - Signal
38	0.35 TN/OG	5045	Front End Sensor - Signal
39	0.35 GY	5600	Low Reference
40	0.35 PU/WH	6628	Low Reference
41	0.35 WH/BK	6629	Low Reference
42	0.35 WH	2132	Side Impact Sensing Module - Left - Signal
43	0.35 D-GN	2134	Side Impact Sensing Module - Right - Signal
44	0.35 L-BU	6622	Left Rear Side Impact Sensing Module Signal

45	0.35 L-BU/WH	6626	Right Rear Side Impact Sensing Module Signal
46	0.35 L-GN/BK	6623	Low Reference
47	0.35 PK/BK	6627	Low Reference
48-57	—	—	Not Used
58	0.35 YE/BK	5229	Roll Over Sensor High Signal
59	0.35 D-GN	5016	Seat Belt Switch - Left - Signal
60	0.35 OG	1362	Seat Belt Switch - Right - Signal

### Unknown - Inflatable Restraint Side Impact Module - Left

Inflatable Restraint Side Impact Module - Left



[Click here for full size](#)

#### Connector Part Information

- OEM: 19153427
- Service: 19208396
- Description: 2-Way F 0.64 Series Unsealed (YE)

#### Terminal Part Information

- Terminal/Tray: Service by Connector Assembly - See Part Catalog
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: N/A

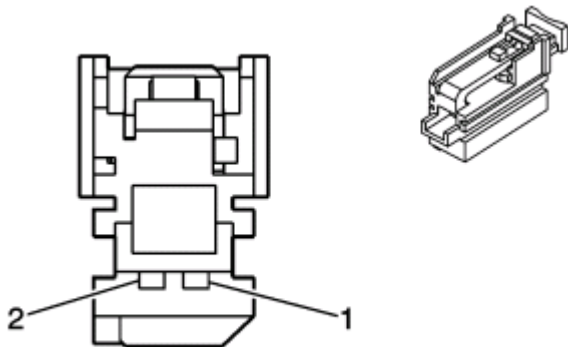
### Inflatable Restraint Side Impact Module - Left

Pin	Wire	Circuit	Function
1	0.5 BN	2137	Side Impact Module - Left Front - High Control

2	0.5 YE/BK	2138	Side Impact Module - Left Front - Low Control
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## Unknown - Inflatable Restraint Side Impact Module - Right

Inflatable Restraint Side Impact Module - Right



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### Connector Part Information

- OEM: 19153427
- Service: 19208396
- Description: 2-Way F 0.64 Series Unsealed (YE)

### Terminal Part Information

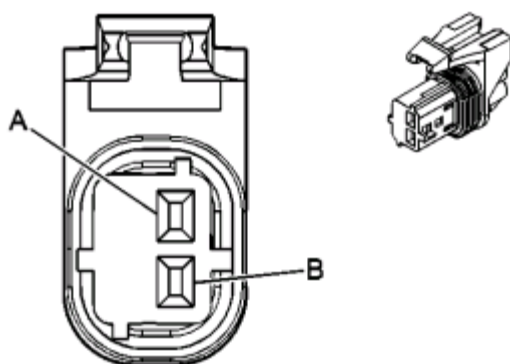
- Terminal/Tray: Service by Connector Assembly - See Part Catalog
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: N/A

## Inflatable Restraint Side Impact Module - Right

Pin	Wire	Circuit	Function
1	0.5 TN/WH	2135	Side Impact Module - Right Front - High Control
2	0.5 L-GN	2136	Side Impact Module - Right Front - Low Control

## Unknown - Inflatable Restraint Side Impact Sensor (SIS) - Left Front

Inflatable Restraint Side Impact Sensor (SIS) - Left Front



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15356723
- Service: 15306439
- Description: 2-Way F GT 150 Sealed 4.0 (YE)

#### Terminal Part Information

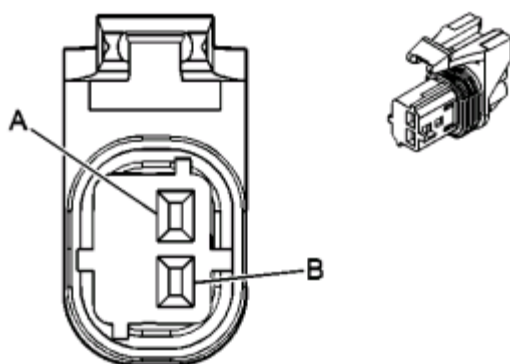
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)


#### Inflatable Restraint Side Impact Sensor (SIS) - Left Front

Pin	Wire	Circuit	Function
A	0.35 PU/WH	6628	Low Reference
B	0.35 WH	2132	Side Impact Sensing Module - Left - Signal

#### Unknown - Inflatable Restraint Side Impact Sensor (SIS) - Left Rear

Inflatable Restraint Side Impact Sensor (SIS) - Left Rear



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#### Connector Part Information

- OEM: 15356723
- Service: 15306439
- Description: 2-Way F GT 150 Sealed 4.0 (YE)

#### Terminal Part Information

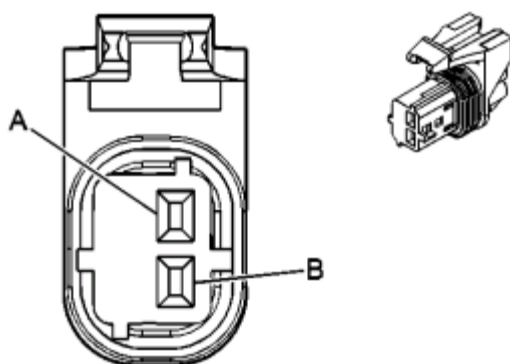
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Inflatable Restraint Side Impact Sensor (SIS) - Left Rear

Pin	Wire	Circuit	Function
A	0.35 L-GN/BK	6623	Low Reference
B	0.35 L-BU	6622	Left Rear Side Impact Sensing Module Signal

#### Unknown - Inflatable Restraint Side Impact Sensor (SIS) - Right Front

Inflatable Restraint Side Impact Sensor (SIS) - Right Front



 [Click here for full size](#)

#### Connector Part Information

- OEM: 15356723
- Service: 15306439
- Description: 2-Way F GT 150 Sealed 4.0 (YE)

#### Terminal Part Information

- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

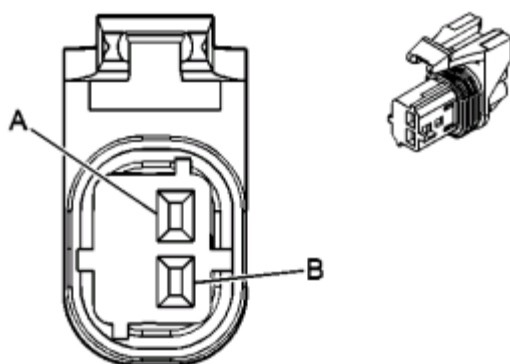
#### Inflatable Restraint Side Impact Sensor (SIS) - Right Front

Pin	Wire	Circuit	Function
A	0.35 WH/BK	6629	Low Reference
B	0.35 D-GN	2134	Side Impact Sensing Module - Right - Signal

#### Unknown - Inflatable Restraint Side Impact Sensor (SIS) - Right Rear

Inflatable Restraint Side Impact Sensor (SIS) - Right Rear





 [Click here for full size](#)

#### Connector Part Information

- OEM: 15356723
- Service: 15306439
- Description: 2-Way F GT 150 Sealed 4.0 (YE)

#### Terminal Part Information

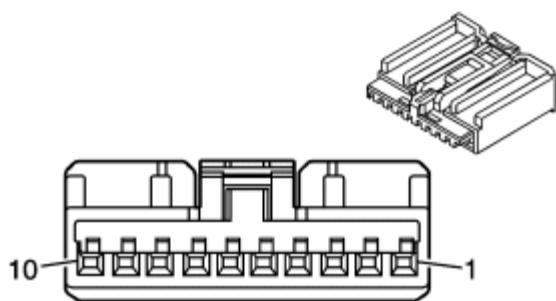
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Inflatable Restraint Side Impact Sensor (SIS) - Right Rear

Pin	Wire	Circuit	Function
A	0.35 PK/BK	6627	Low Reference
B	0.35 L-BU/WH	6626	Right Rear Side Impact Sensing Module Signal

#### Unknown - Inflatable Restraint Steering Wheel Module Coil X1

Inflatable Restraint Steering Wheel Module Coil X1



[Click here for full size](#)

### Connector Part Information

- OEM: 15269795
- Service: See Catalog
- Description: 10-Way F AIT II Series (BK)

### Terminal Part Information

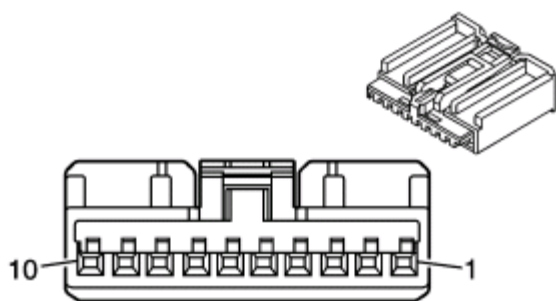
- Terminal/Tray: Service With Terminated Lead
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Inflatable Restraint Steering Wheel Module Coil X1

Pin	Wire	Circuit	Function
1	0.35 TN	28	Horn Relay Control
2	0.35 PU	1375	12-Volt Reference
3	0.35 PU/WH	7005	LED Dimming Signal
4	0.35 BK/WH	1551	Ground
5	0.35 GY	1884	Cruise Control Switch Signal
6	0.35 GN/WH	7158	Cruise Control Indicator Dimming Signal
7	0.35 D-BU	1796	Steering Wheel Controls Signal (UK3)
8-10	—	—	Not Used

### Unknown - Inflatable Restraint Steering Wheel Module Coil X2

Inflatable Restraint Steering Wheel Module Coil X2



[Click here for full size](#)

### Connector Part Information

- OEM: 15269795
- Service: See Catalog
- Description: 10-Way F AIT II Series (BK)

### Terminal Part Information

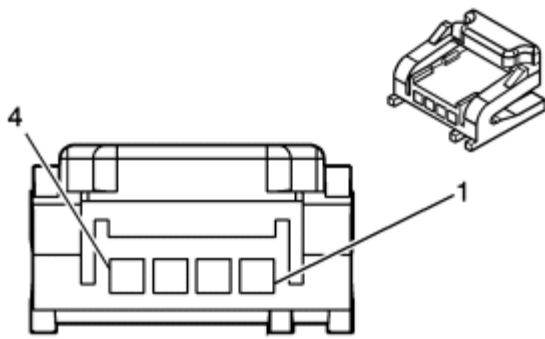
- Terminal/Tray: Service With Terminated Lead
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Inflatable Restraint Steering Wheel Module Coil X2

Pin	Wire	Circuit	Function
1-3	—	—	Not Used
4	0.35 D-BU	1796	Steering Wheel Controls Signal (UK3)
5	0.35 GN/WH	7158	Cruise Control Indicator Dimming Signal
6	0.35 GY	1884	Cruise Control Switch Signal
7	0.35 BK/WH	1551	Ground
8	0.35 PU/WH	7005	LED Dimming Signal
9	0.35 PU	1375	12-Volt Reference
10	0.35 D-GN	29	Horn Control

### Unknown - Inflatable Restraint Steering Wheel Module Coil X3

Inflatable Restraint Steering Wheel Module Coil X3



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### Connector Part Information

- OEM: 15393421
- Service: 88987853
- Description: 4-Way F Micro-Pack 064 Series (YE)

### Terminal Part Information

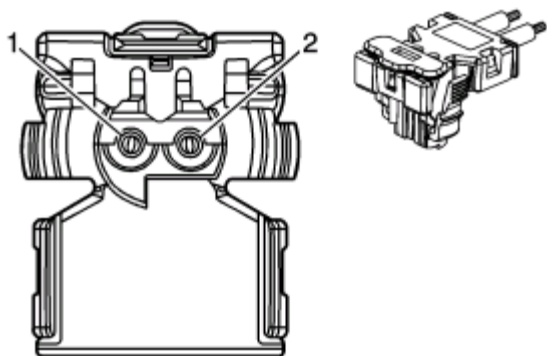
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: 12180559-1/J-35616-64B (L-BU)


### Inflatable Restraint Steering Wheel Module Coil X3

Pin	Wire	Circuit	Function
1	0.35 TN	3021	Steering Wheel Module - Stage 1 - High Control
2	0.35 BN	3020	Steering Wheel Module - Stage 1 - Low Control
3	0.35 WH	3023	Steering Wheel Module - Stage 2 - High Control
4	0.35 PK	3022	Steering Wheel Module - Stage 2 - Low Control

### Unknown - Inflatable Restraint Steering Wheel Module X1

Inflatable Restraint Steering Wheel Module X1



 [Click here for full size](#)

### Connector Part Information

- OEM: 54560236
- Service: See Catalog
- Description: 2-Way F (GY)

### Terminal Part Information

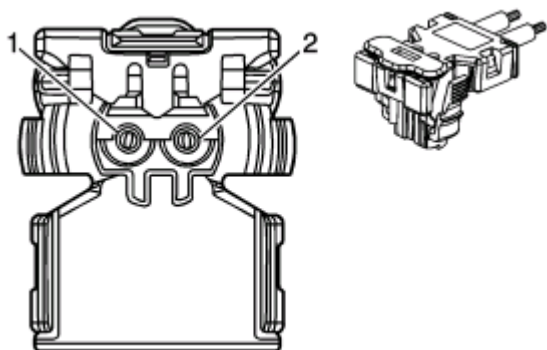
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Inflatable Restraint Steering Wheel Module X1

Pin	Wire	Circuit	Function
1	0.35 TN	3021	Steering Wheel Module - Stage 1 - High Control
2	0.35 BN	3020	Steering Wheel Module - Stage 1 - Low Control

### Unknown - Inflatable Restraint Steering Wheel Module X2

Inflatable Restraint Steering Wheel Module X2



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### Connector Part Information

- OEM: 54560222
- Service: See Catalog
- Description: 2-Way F (PU)

### Terminal Part Information

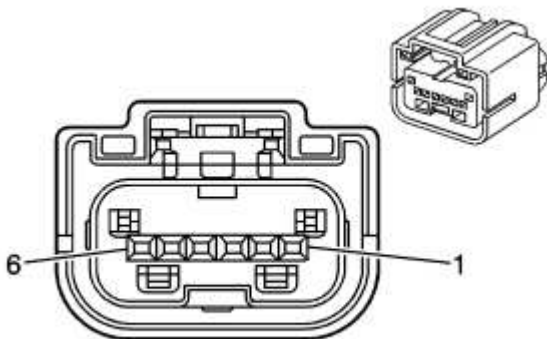
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Inflatable Restraint Steering Wheel Module X2

Pin	Wire	Circuit	Function
1	0.35 WH	3023	Steering Wheel Module - Stage 2 - High Control
2	0.35 PK	3022	Steering Wheel Module - Stage 2 - Low Control

### Unknown - Inflatable Restraint Vehicle Rollover Sensor

Inflatable Restraint Vehicle Rollover Sensor



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### Connector Part Information

- OEM: 6189-7001
- Service: See Catalog
- Description: 6-Way F 0.64 Series, Sealed (YE)

### Terminal Part Information

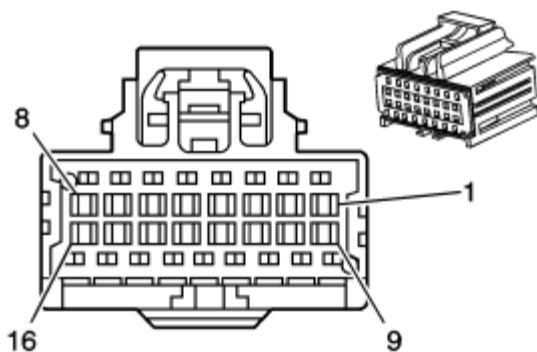
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)

### Inflatable Restraint Vehicle Rollover Sensor

Pin	Wire	Circuit	Function
1	0.35 RD/WH	1340	Battery Positive Voltage
2	—	—	Not Used
3	0.35 D-GN	5060	Low Speed GMLAN Serial Data
4	0.35 D-GN	5060	Low Speed GMLAN Serial Data
5	0.35 YE/BK	5229	Roll Over Sensor High Signal
6	0.5 BK/WH	1751	Ground

### Unknown - Infrared Transmitter (U42)

Infrared Transmitter (U42)



[Click here for full size](#)

### Connector Part Information

- OEM: 7283-9078-80
- Service: See Catalog
- Description: 16-Way F Kaizen 0.64 Series (BN)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P

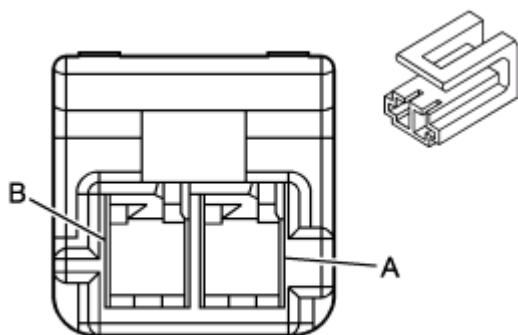
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Infrared Transmitter (U42)

Pin	Wire	Circuit	Function
1	0.35 L-BU	5826	Left DVD Audio Signal (+)
2	0.35 PU	6979	DVD Audio Common (-)
3	0.35 WH	5828	Right DVD Audio Signal (+)
4	0.5 PK	5829	Infrared Module Supply Voltage
5-7	—	—	Not Used
8	0.35 OG/BK	5831	Remote Infrared Signal (+)
9	0.35 OG/BK	5329	Left Infrared Audio Signal (+)
10	0.35 BN/WH	5331	Infrared Audio Low Reference
11	0.35 PU/WH	5330	Right Infrared Audio Signal (+)
12	0.5 BK/WH	351	Ground
13-15	—	—	Not Used
16	0.35 TN/WH	5830	Remote Infrared Signal (-)

### Unknown - Input Speed Sensor (ISS)

Input Speed Sensor (ISS)



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### Connector Part Information

- OEM: 15467085
- Service: Non-Serviceable
- Description: 2-Way F M/P 150.2 Series P2S (L-GY)

### Terminal Part Information



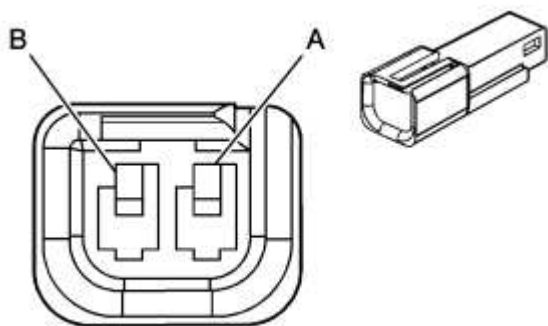
- Terminal/Tray: Non-Serviceable
- Core/Insulation Crimp: Non-Serviceable
- Release Tool/Test Probe: Non-Serviceable


### Input Speed Sensor (ISS)

Pin	Wire	Circuit	Function
A	0.5 WH	—	ISS High Signal
B	0.5 BK	—	ISS Low Signal

### Unknown - Inside Air Temperature Sensor (CJ2)

Inside Air Temperature Sensor (CJ2)



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### Connector Part Information

- OEM: 12059252
- Service: 12102749
- Description: 2-Way M Metri-Pack 150 Series (RD)

### Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

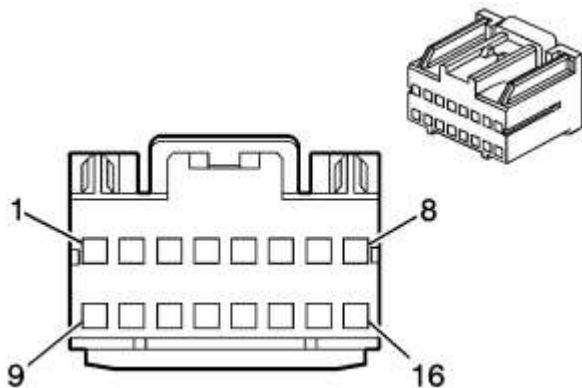
### Inside Air Temperature Sensor (CJ2)

Pin	Wire	Circuit	Function
A	0.35 D-GN	734	Inside Air Temperature Sensor Signal

B	0.35 YE	61	Low Reference
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## Unknown - Inside Rearview Mirror

Inside Rearview Mirror



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### Connector Part Information

- OEM: 917981-2
- Service: 15306351
- Description: 16-Way F 0.040/0.070 HYBRID I/O (BK)

### Terminal Part Information

- Terminal/Tray: 175266-5/15
- Core/Insulation Crimp: Pins 5, 13, 15, 16 - J/J
- Core/Insulation Crimp: Pins 8, 9, 11, 12, 14 - K/K
- Release Tool/Test Probe: 15315247/J-35616-16 (L-GN)

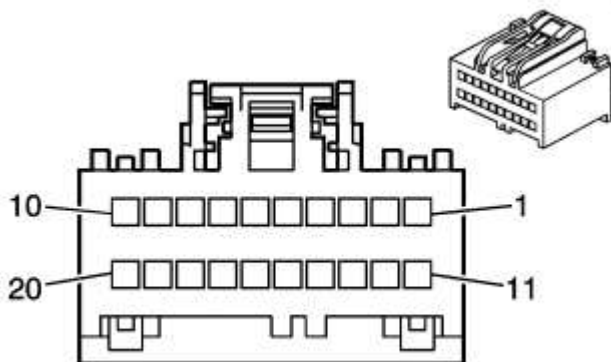
### Inside Rearview Mirror

Pin	Wire	Circuit	Function
1-4	—	—	Not Used
5	0.35 GY	1690	Automatic Day/Night Mirror Signal (DNP)
6-7	—	—	Not Used
8	0.5 BK	850	Ground (UE1 or DD7 or DD8)
9	0.5 BK/WH	24	Backup Lamp Supply Voltage (DD8 or DD7)
10	—	—	Not Used
11	0.5 BK/GN	2514	Keypad Signal (UE1)
12	0.5 BK/L-GN	2515	Keypad Supply Voltage (UE1)

13	0.35 BK/YE	43	Ignition Voltage (DD7 or DD8)
14	0.5 BK/GY	2516	Keypad Green LED Signal (UE1)
15	0.35 BN/WH	2517	Keypad Red LED Signal (UE1)
16	0.35 BK/RD	1691	Low Reference (DNP)

## Unknown - Instrument Panel Cluster (IPC)

Instrument Panel Cluster (IPC)



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### Connector Part Information

- OEM: 15126711
- Service: See Catalog
- Description: 20-Way F 0.64 Series (BK)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

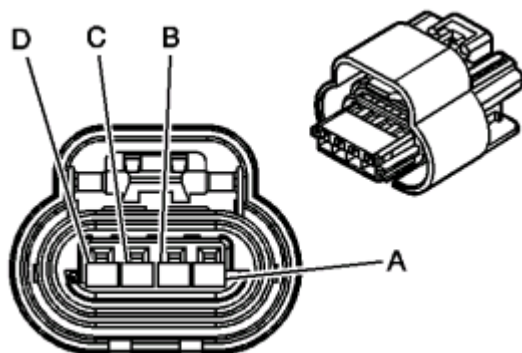
## Instrument Panel Cluster (IPC)

Pin	Wire	Circuit	Function
1	0.35 RD/WH	1840	Battery Positive Voltage
2	0.35 BK/WH	1551	Ground
3	0.35 PK	1139	Ignition 1 Voltage
4	0.35 BN/WH	419	MIL Control
5	—	—	Not Used
6	0.35 PK	893	DIC Select Menu Switch Signal (UH9)

7	0.35 D-GN/WH	1358	DIC Switch Signal (UH9)
8	—	—	Not Used
9	0.35 D-GN	5060	Low Speed GMLAN Serial Data
10	—	—	Not Used
11	0.35 PU	5234	Passenger Seat Belt Indicator
12	0.35 D-BU	2307	Passenger Air Bag On Indicator Control
13	0.35 D-GN	2308	Passenger Air Bag Off Indicator Control
14	0.35 TN	185	Low Washer Fluid Indicator Control
15	0.35 D-BU/WH	5970	Washer Fluid Heated Control Switch LED Supply Voltage (XA7)
16-17	—	—	Not Used
18	0.35 TN/WH	33	Brake Warning Indicator Control
19	0.35 BN	897	Low Reference (UH9)
20	—	—	Not Used

### Unknown - Intake Manifold Tuning (IMT) Solenoid Valve (LY7)

Intake Manifold Tuning (IMT) Solenoid Valve (LY7)



[Click here for full size](#)

#### Connector Part Information

- OEM: 15355331
- Service: 88987994
- Description: 4-Way F GT 150 Sealed 3.2 x 4.0 (BK)

### Intake Manifold Tuning (IMT) Solenoid Valve (LY7)

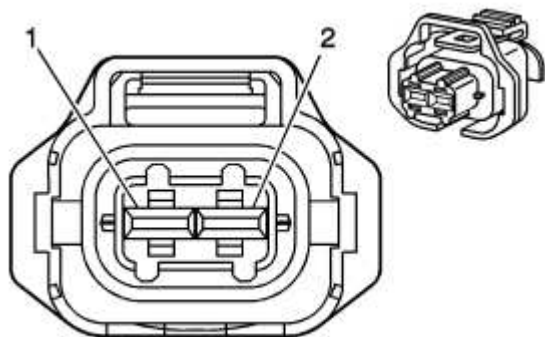
Pin	Ter Wire/Trail	Circuit	Function
A	0.5 PK/BK	6267/19 9293	Powertrain Main Relay Fused Supply

- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

B	0.5 BK/WH	451	Ground
C	0.5 OG	6392	Variable Tuning Control
D	0.5 YE	7017	Variable Intake Manifold Position Signal

### Unknown - Knock Sensor (KS) 1 (LY7)

Knock Sensor (KS) 1 (LY7)



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### Connector Part Information

- OEM: 1928403874
- Service: 88988963
- Description: 2-Way F Kompakt 2.8 Series, Sealed (BK)

### Terminal Part Information

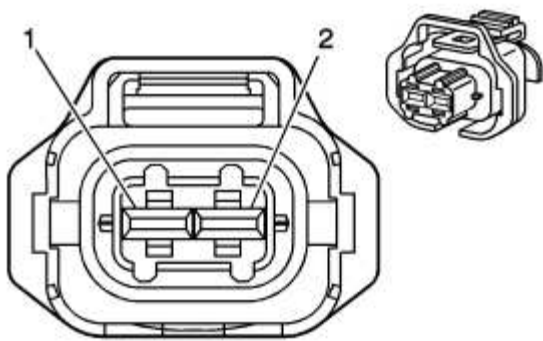
- Terminal/Tray: 1928498054/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)

### Knock Sensor (KS) 1 (LY7)

Pin	Wire	Circuit	Function
1	0.5 D-BU	496	Knock Sensor 1 Signal
2	0.5 GY	1716	Knock Sensor 1 Signal

### Unknown - Knock Sensor (KS) 2 (LY7)

Knock Sensor (KS) 2 (LY7)



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### Connector Part Information

- OEM: 1928403874
- Service: 88988963
- Description: 2-Way F Kompakt 2.8 Series, Sealed (BK)

### Terminal Part Information

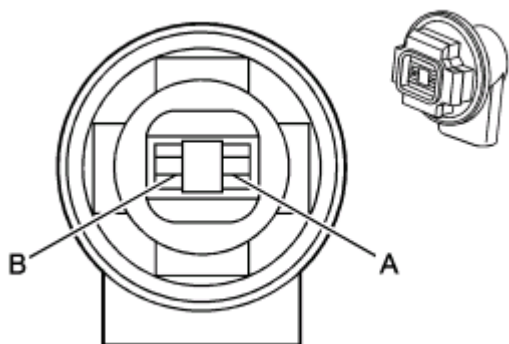
- Terminal/Tray: 1928498054/8
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: J-38125-561/J-35616-35 (VT)

### Knock Sensor (KS) 2 (LY7)

Pin	Wire	Circuit	Function
1	0.5 L-BU	1876	Knock Sensor 2 Signal
2	0.5 TN	407	Knock Sensor 2 Signal

### Unknown - License Lamp - Left

License Lamp - Left



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### Connector Part Information

- OEM: V10170
- Service: See Catalog
- Description: 2-Way F Molded Wedge Base Lamp Socket (WH)

### Terminal Part Information

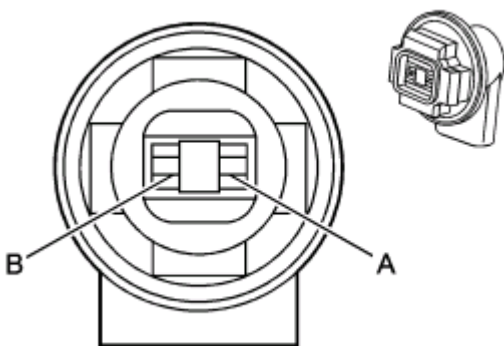
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### License Lamp - Left

Pin	Wire	Circuit	Function
A	0.5 WH	—	Left Park Lamp Supply Voltage (WDA or Z88)
	0.5 BK	—	Left Park Lamp Supply Voltage (W49)
B	0.5 BK	—	Ground (WDA or Z88)
	0.5 WH	—	Ground (W49)

### Unknown - License Lamp - Right

License Lamp - Right



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### License Lamp - Right

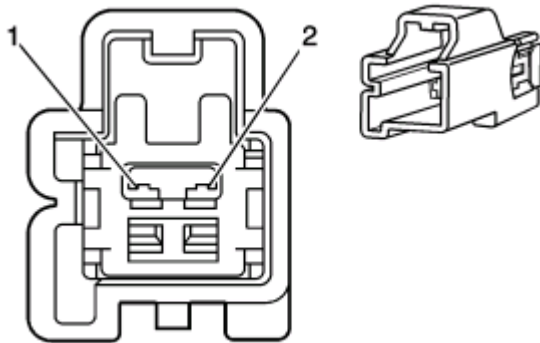
Pin	Wire	Circuit	Function
A	0.5 WH	—	Left Park Lamp Supply Voltage (WDA or Z88)

- Description: 2-Way F Molded Wedge Base Lamp Socket (WH)

	0.5 BK	—	Left Park Lamp Supply Voltage (W49)
B	0.5 BK	—	Ground (WDA or Z88)
	0.5 WH	—	Ground (W49)

### Unknown - Liftgate Control Switch - Exterior

Liftgate Control Switch - Exterior



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#### Connector Part Information

- OEM: 7282-6444-60
- Service: See Catalog
- Description: 2-Way M 1.5 Series (GN)

#### Terminal Part Information

- Terminal/Tray: 7114-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-3 (GY)

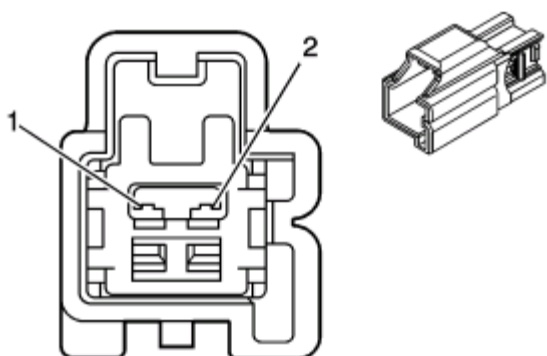
### Liftgate Control Switch - Exterior

Pin	Wire	Circuit	Function
1	0.35 GY	5797	Rear Closure Handle Switch Open Signal (E69)
	0.35 GY/BK	6113	Rear Liftgate Open/Close Switch Signal (E61)
2	0.35 BK	650	Ground (E69)
	0.35 PU/WH	5801	Low Reference (E61)

### Unknown - Liftgate Control Switch - Interior (E61)

Liftgate Control Switch - Interior (E61)





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### Connector Part Information

- OEM: 7282-6443-40
- Service: See Catalog
- Description: 2-Way M 1.5 Series (L-GY)

### Terminal Part Information

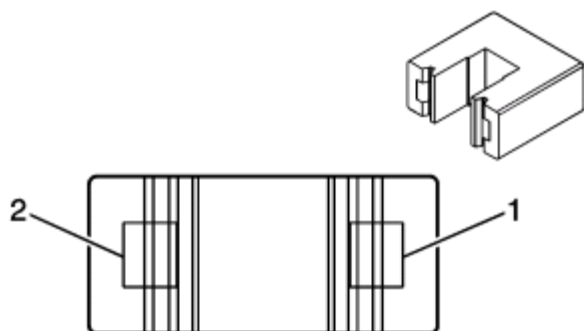
- Terminal/Tray: 7114-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-3 (GY)

### Liftgate Control Switch - Interior (E61)

Pin	Wire	Circuit	Function
1	0.35 GY/BK	6113	Rear Liftgate Open/Close Switch Signal
2	0.35 PU/WH	5801	Low Reference

### Unknown - Liftgate Courtesy Lamp - Left

Liftgate Courtesy Lamp - Left



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### Connector Part Information

- OEM: 12186713
- Service: See Catalog
- Description: 2-Way F Faston (BK)

### Terminal Part Information

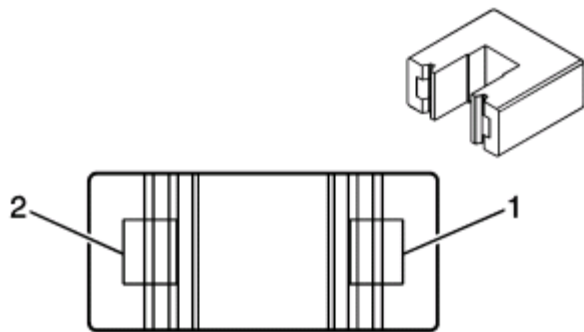
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit


### Liftgate Courtesy Lamp - Left

Pin	Wire	Circuit	Function
1	0.5 BK	650	Ground
2	0.5 GY/BK	690	Courtesy Lamp High Control

### Unknown - Liftgate Courtesy Lamp - Right

Liftgate Courtesy Lamp - Right



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### Connector Part Information

- OEM: 12186713
- Service: See Catalog
- Description: 2-Way F Faston (BK)

### Terminal Part Information

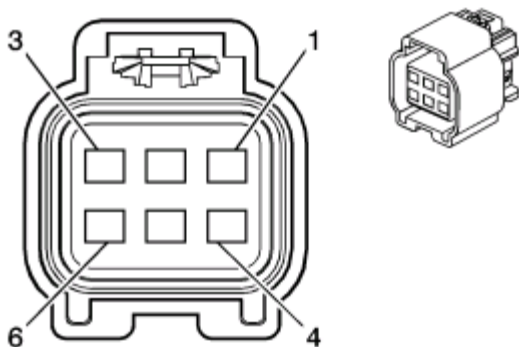
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Liftgate Courtesy Lamp - Right

Pin	Wire	Circuit	Function
1	0.5 BK	650	Ground
2	0.5 GY/BK	690	Courtesy Lamp High Control

### Unknown - Liftgate Latch Assembly (E61)

Liftgate Latch Assembly (E61)



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### Connector Part Information

- OEM: 15476196
- Service: 88988498
- Description: 6-Way F GT 280 Series, Sealed (BK)

### Terminal Part Information

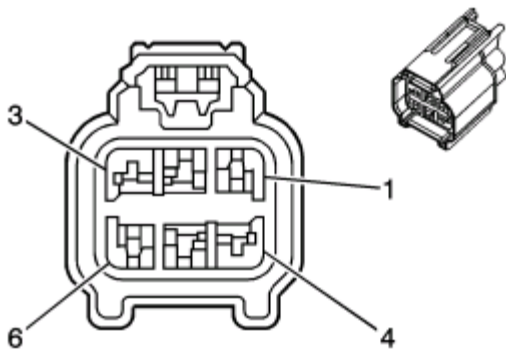
- Pins: 1, 3
- Terminal/Tray: 15304720/19
- Core/Insulation Crimp: 4/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: 2, 4-6
- Terminal/Tray: 15304719/19
- Core/Insulation Crimp: E/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

### Liftgate Latch Assembly (E61)

Pin	Wire	Circuit	Function
1	2 BN	5790	Liftgate Cinch Latch Motor Open Control
2	0.35 PU/WH	5801	Low Reference
3	2 L-BU	5791	Liftgate Cinch Latch Motor Close Control
4	0.35 D-GN	5512	Latch Sector Switch Signal
5	0.35 GY	7000	Latch Pawl Switch Signal
6	0.35 PK/BK	6000	Latch Ratchet Switch Signal

### Unknown - Liftgate Latch Assembly (E69)

Liftgate Latch Assembly (E69)



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### Connector Part Information

- OEM: 15476199
- Service: 88988358
- Description: 6-Way F GT 280 Series, Sealed (GN)

### Terminal Part Information

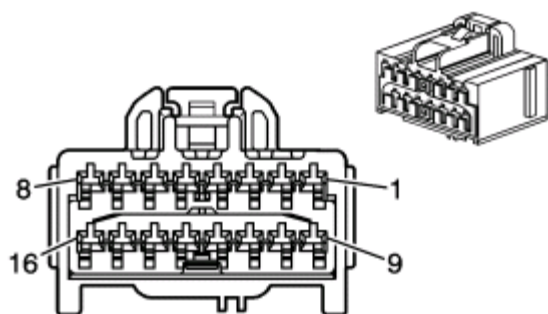
- Terminal/Tray: 15304719/19
- Core/Insulation Crimp: E/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

### Liftgate Latch Assembly (E69)

Pin	Wire	Circuit	Function
1	0.5 L-BU	6128	Ground
2	—	—	Not Used
3	0.5 BK	650	Ground
4	0.5 L-GN	5926	Rear Access Open Switch Signal
5	0.35 BK	650	Ground
6	0.5 PK/BK	1303	Liftgate Ajar Switch Signal

### Unknown - Liftgate Module (LGM) X1 (E61)

Liftgate Module (LGM) X1 (E61)



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### Connector Part Information

- OEM: 15136073
- Service: See Catalog
- Description: 16-Way F Kaizen 0.64 (BK)

### Terminal Part Information

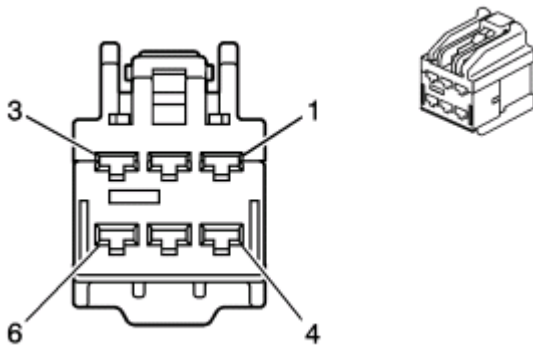
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Liftgate Module (LGM) X1 (E61)

Pin	Wire	Circuit	Function
1	0.35 D-GN	6112	Power Liftgate On/Off Switch Signal
2-3	—	—	Not Used
4	0.35 D-GN	5512	Latch Sector Switch Signal
5	0.35 PK/BK	6000	Latch Ratchet Switch Signal
6	0.35 GY	7000	Latch Pawl Switch Signal
7	0.35 D-GN	5060	Low Speed GMLAN Serial Data
8	0.35 WH/BK	6126	Liftgate Object Sensor 2 Signal
9-11	—	—	Not Used
12	0.35 D-GN/WH	5800	Liftgate Open/Close Switch Signal
13	—	—	Not Used
14	0.35 GY/BK	6113	Rear Liftgate Open/Close Switch Signal
15	—	—	Not Used
16	0.35 PU/WH	5801	Low Reference

**Unknown - Liftgate Module (LGM) X2 (E61)**

Liftgate Module (LGM) X2 (E61)



[Click here for full size](#)

**Connector Part Information**

- OEM: 15134094
- Service: 88988497
- Description: 6-Way F 2.8 Series (BK)

**Terminal Part Information**

- Pins: 4
- Terminal/Tray: 8100-4443/22
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)
- Pins: 1-3, 6
- Terminal/Tray: 8100-4445/22
- Core/Insulation Crimp: Pins 1, 2, 6 - 4/4
- Core/Insulation Crimp: Pins 3 - F/D
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)

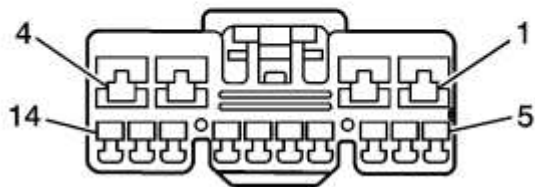
**Liftgate Module (LGM) X2 (E61)**

Pin	Wire	Circuit	Function
1	2 BN	5790	Liftgate Cinch Latch Motor Open Control
2	2 L-BU	5791	Liftgate Cinch Latch Motor Close Control
3	3 RD	1342	Battery Positive Voltage
4	0.5 RD/WH	1840	Battery Positive Voltage
5	—	—	Not Used

6	3 BK	650	Ground
---	------	-----	--------

## Unknown - Liftgate Module (LGM) X3 (E61)

Liftgate Module (LGM) X3 (E61)



 [Click here for full size](#)

### Connector Part Information

- OEM: 7283-8398-40
- Service: See Catalog
- Description: 14-Way F 0.64 2.8 YESC Series (L-GY)

### Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Liftgate Module (LGM) X3 (E61)

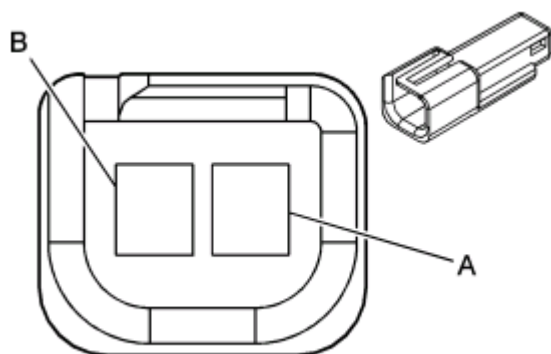
Pin	Wire	Circuit	Function
1	2 WH	5798	Liftgate Open/Close Motor Open Control
2	2 BN/WH	5799	Liftgate Open/Close Motor Close Control
3	0.35 TN	5794	Liftgate Engage/Disengage Motor Engage Control
4	0.35 D-BU	5795	Liftgate Engage/Disengage Motor Disengage Control
5	0.35 D-BU/WH	5796	Liftgate Full Open Switch Signal
6	0.35 OG	5804	Low Reference
7	—	—	Not Used



8	0.35 BK/TN	5803	Liftgate Position Sensor Voltage Reference
9	0.35 L-BU/WH	5805	Liftgate Position Sensor Signal (1)
10	0.35 PU	5806	Liftgate Position Sensor Signal (2)
11	0.35 D-GN/WH	5804	Low Reference
12-14	—	—	Not Used

### Unknown - Liftgate Object Sensor - Left (E61)

Liftgate Object Sensor - Left (E61)



[Click here for full size](#)

### Connector Part Information

- OEM: 12048457
- Service: 12085481
- Description: 2-Way M Metri-Pack 150 Series (BK)

### Terminal Part Information

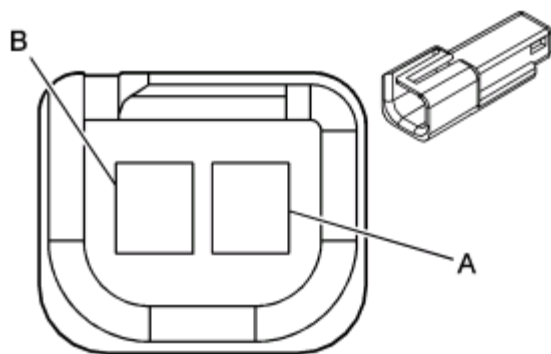
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

### Liftgate Object Sensor - Left (E61)

Pin	Wire	Circuit	Function
A	0.35 PU/WH	5801	Low Reference
B	0.35 PK/BK	5802	Liftgate Object Sensor Signal

### Unknown - Liftgate Object Sensor - Right (E61)

## Liftgate Object Sensor - Right (E61)



[Click here for full size](#)

**Connector Part Information**

- OEM: 12048457
- Service: 12085481
- Description: 2-Way M Metri-Pack 150 Series (BK)

**Terminal Part Information**

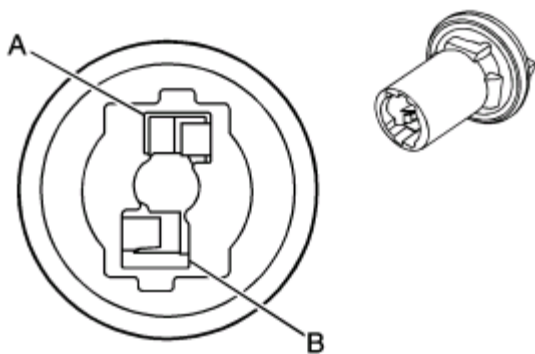
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

**Liftgate Object Sensor - Right (E61)**

Pin	Wire	Circuit	Function
A	0.35 PK/BK	5802	Liftgate Object Sensor Signal
B	0.35 WH/BK	6126	Liftgate Object Sensor 2 Signal

**Unknown - Marker Lamp - Left Front (W49 or Z88)**

Marker Lamp - Left Front (W49 or Z88)



[Click here for full size](#)

### Connector Part Information

- OEM: 7712-5354-4WB
- Service: See Catalog
- Description: 2-Way F Lamp Socket, Axial (BK)

### Terminal Part Information

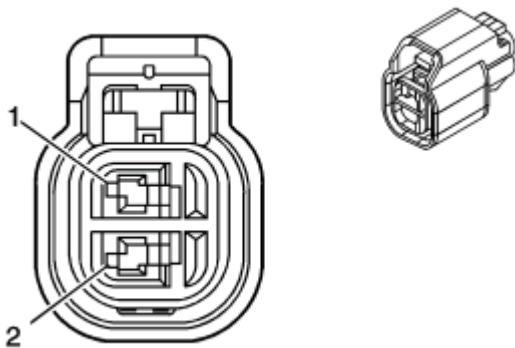
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Marker Lamp - Left Front (W49 or Z88)

Pin	Wire	Circuit	Function
A	0.5 BU	—	Left Park Lamp Supply Voltage
B	0.5 BK	—	Ground

### Unknown - Marker Lamp - Left Front (WDA)

Marker Lamp - Left Front (WDA)



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### Connector Part Information

- OEM: 12146418
- Service: See Catalog
- Description: 2-Way F Lamp Socket (L-GY)

### Terminal Part Information

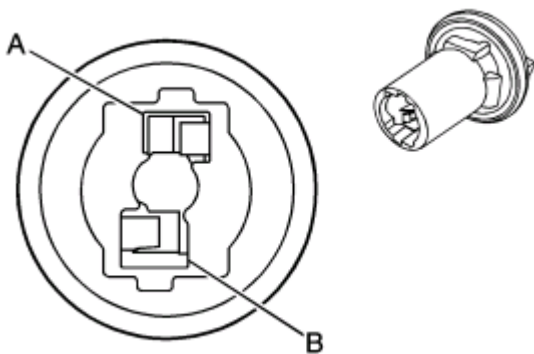
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Marker Lamp - Left Front (WDA)

Pin	Wire	Circuit	Function
1	0.5 BK	—	Ground
2	0.5 PU	—	Left Park Lamp Supply Voltage

### Unknown - Marker Lamp - Left Rear (W49)

Marker Lamp - Left Rear (W49)



 [Click here for full size](#)

### Connector Part Information

- OEM: 7712-5354-4WB
- Service: See Catalog
- Description: 2-Way F Lamp Socket, Axial (BK)

**Terminal Part Information**

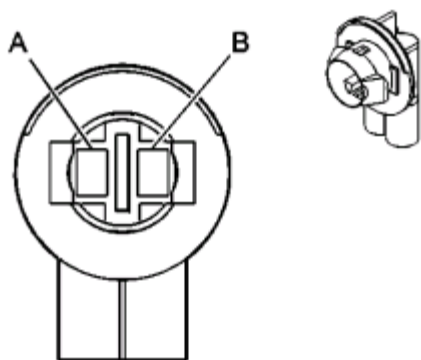
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Marker Lamp - Left Rear (W49)**

Pin	Wire	Circuit	Function
A	0.5 D-BU	—	Left Park Lamp Supply Voltage
B	0.5 BK	—	Ground

**Unknown - Marker Lamp - Left Rear (WDA)**

Marker Lamp - Left Rear (WDA)



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**Connector Part Information**

- OEM: 12146418
- Service: See Catalog
- Description: 2-Way F Lamp Socket (L-GY)

**Terminal Part Information**

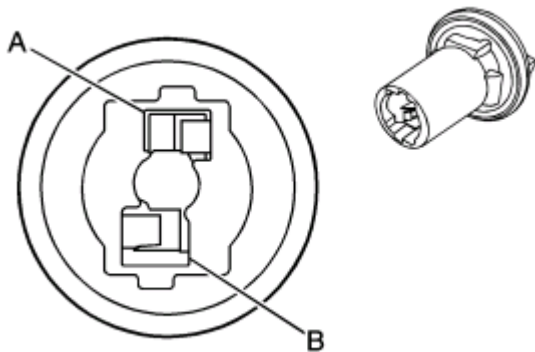
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Marker Lamp - Left Rear (WDA)**

Pin	Wire	Circuit	Function
A	0.8 L-BU	—	Left Park Lamp Supply Voltage
B	0.8 BK	—	Ground

### Unknown - Marker Lamp - Right Front (W49 or Z88)

Marker Lamp - Right Front (W49 or Z88)



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### Connector Part Information

- OEM: 7712-5354-4WB
- Service: See Catalog
- Description: 2-Way F Lamp Socket, Axial (BK)

### Terminal Part Information

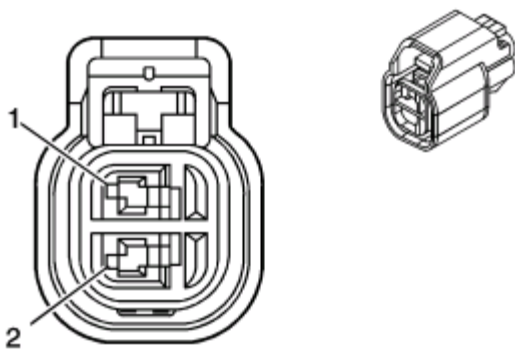
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit


### Marker Lamp - Right Front (W49 or Z88)

Pin	Wire	Circuit	Function
A	0.5 BU	—	Right Park Lamp Supply Voltage
B	0.5 BK	—	Ground

### Unknown - Marker Lamp - Right Front (WDA)

Marker Lamp - Right Front (WDA)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12146418
- Service: See Catalog
- Description: 2-Way F Lamp Socket (L-GY)

### Terminal Part Information

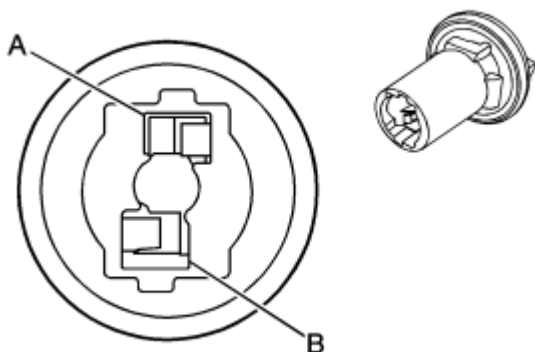
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Marker Lamp - Right Front (WDA)

Pin	Wire	Circuit	Function
1	0.5 BK	-	Ground
2	0.5 PU	-	Right Park Lamp Supply Voltage

### Unknown - Marker Lamp - Right Rear (W49)

Marker Lamp - Right Rear (W49)



 [Click here for full size](#)

### Connector Part Information

- OEM: 7712-5354-4WB
- Service: See Catalog
- Description: 2-Way F Lamp Socket, Axial (BK)

### Terminal Part Information

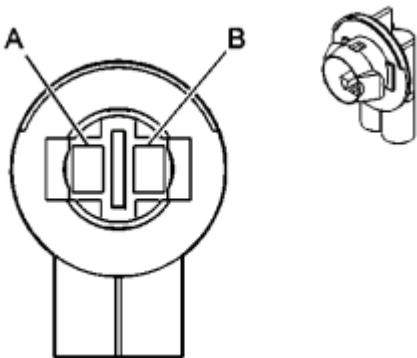
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Marker Lamp - Right Rear (W49)

Pin	Wire	Circuit	Function
A	0.5 D-BU	—	Left Park Lamp Supply Voltage
B	0.5 BK	—	Ground

### Unknown - Marker Lamp - Right Rear (WDA)

Marker Lamp - Right Rear (WDA)



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### Connector Part Information

- OEM: 12146418
- Service: See Catalog
- Description: 2-Way F Lamp Socket (L-GY)



**Terminal Part Information**

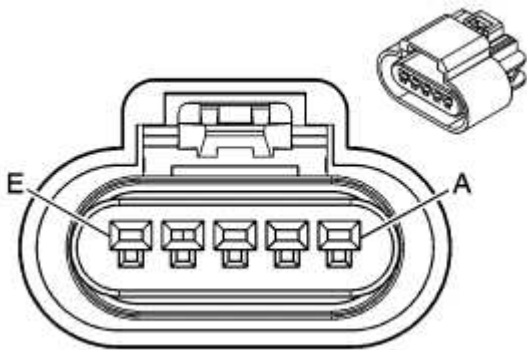
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Marker Lamp - Right Rear (WDA)**

Pin	Wire	Circuit	Function
A	0.8 L-BU	—	Right Park Lamp Supply Voltage
B	0.8 BK	—	Ground

**Unknown - Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor (LY7)**

Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor (LY7)



[Click here for full size](#)

**Connector Part Information**

- OEM: 15326822
- Service: 19151498
- Description: 5-Way F GT 150 Sealed 4.0 (BK)

**Terminal Part Information**

- Terminal/Tray: 12191819/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

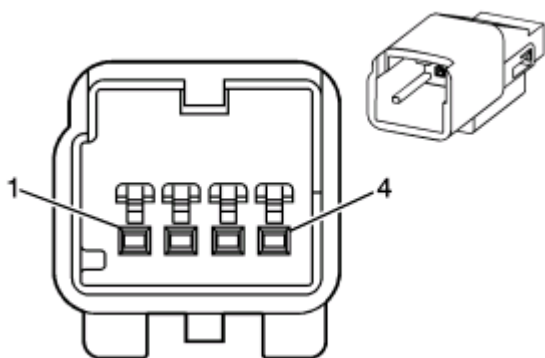
**Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor**

**(LY7)**

Pin	Wire	Circuit	Function
A	0.5 YE	492	MAF Sensor Signal
B	0.5 PK/BK	5294	5-Volt Reference
C	0.5 BK/WH	451	Ground
D	0.5 TN	472	IAT Sensor Signal
E	0.5 TN	2760	Low Reference

**Unknown - Memory Seat Adjuster Switch - Driver (AG3)**

Memory Seat Adjuster Switch - Driver (AG3)



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**Connector Part Information**

- OEM: 7282-6560-40
- Service: See Catalog
- Description: 4-Way M 064 YESC Series (L-GY)

**Terminal Part Information**

- Terminal/Tray: 7114-4720-02/14
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 15315247/J-35616-65B (L-BU)

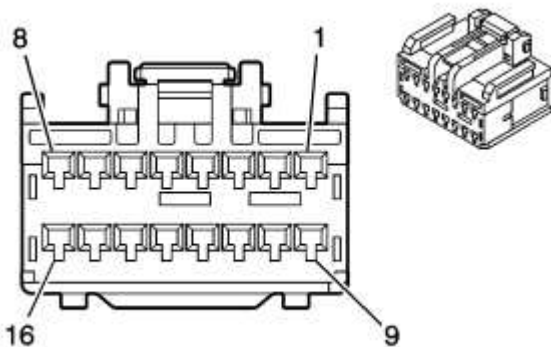
**Memory Seat Adjuster Switch - Driver (AG3)**

Pin	Wire	Circuit	Function
1	0.35 OG	614	Memory Set Switch Signal
2	0.35 GY/BK	5979	Memory Seat Switch Exit Signal

3	0.35 D-BU/WH	5978	Low Reference
4	0.35 BN/WH	6064	Memory Switch Dimming Control

### Unknown - Memory Seat Module X1 (AG3)

Memory Seat Module X1 (AG3)



[Click here for full size](#)

#### Connector Part Information

- OEM: 6098-4611
- Service: See Catalog
- Description: 16-Way F 1.5 Series, Unsealed (BK)

#### Terminal Part Information

- Terminal/Tray: 8240-0128/22
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

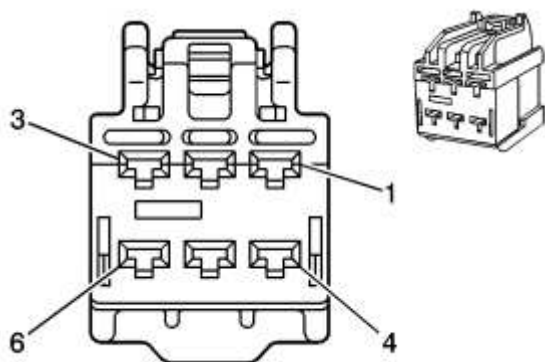
### Memory Seat Module X1 (AG3)

Pin	Wire	Circuit	Function
1	0.8 PU	2424	Driver Heated Seat Back Element Control
2-3	—	—	Not Used
4	0.8 L-BU	2433	Passenger Heated Seat Back Element Control
5	—	—	Not Used
6	0.8 BN	2432	Driver Heated Seat Back Element Supply Voltage
7	1 TN	2110	Steering Column Telescope Motor Control - Reverse (N38)
8	1 OG	2098	Steering Column Telescope Motor Forward (N38)

9	1 TN	285	Driver Seat Horizontal Motor Forward Control
10	1 L-GN	284	Driver Seat Horizontal Motor Rearward Control
11	0.8 L-GN	2078	Heated Seat Cushion Element Control
12	1 D-GN	286	Driver Seat Front Vertical Motor Up Control
13	1 D-BU	287	Driver Seat Front Vertical Motor Down Control
14	0.8 D-BU	2479	Passenger Heated Seat Element Supply Voltage
15	1 YE	282	Driver Seat Rear Vertical Motor Up Control
16	1 L-BU	283	Driver Seat Rear Vertical Motor Down Control

### Unknown - Memory Seat Module X2 (AG3)

Memory Seat Module X2 (AG3)



[Click here for full size](#)

#### Connector Part Information

- OEM: 6098-4607
- Service: 88988497
- Description: 6-Way F 2.8mm PBT (BK)

#### Terminal Part Information

- Terminal/Tray: 8100-4443/22
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)

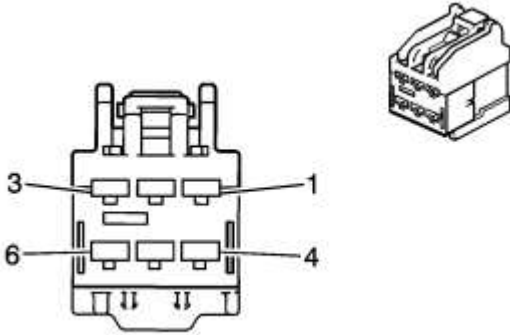
### Memory Seat Module X2 (AG3)

Pin	Wire	Circuit	Function
1	0.35 GY	6206	Low Reference

2	0.35 PK	2426	Low Reference
3	0.35 YE	2080	Low Reference
4	—	—	Not Used
5	0.35 TN	2482	Low Reference
6	0.35 L-BU	5476	Low Reference

### Unknown - Memory Seat Module X3 (AG3)

Memory Seat Module X3 (AG3)



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#### Connector Part Information

- OEM: 6098-4606
- Service: See Catalog
- Description: 6-Way F 2.8 Series (BN)

#### Terminal Part Information

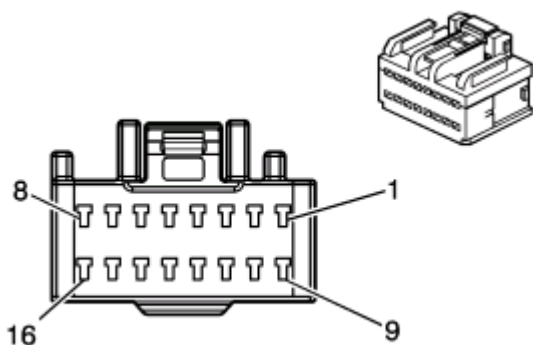
- Pins: 3, 6
- Terminal/Tray: 8100-4443/22
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)
- Pins: 1, 2, 4, 5
- Terminal/Tray: 8100-4445/22
- Core/Insulation Crimp: Pins 1, 2, 4 - 4/4
- Core/Insulation Crimp: Pins 5 - F/D
- Release Tool/Test Probe: 15315247/J-35616-35 (VT)

### Memory Seat Module X3 (AG3)

Pin	Wire	Circuit	Function
1	2 BK	550	Ground
2	2 RD/WH	4040	Battery Positive Voltage (N38)
3	0.35 PU/WH	6205	Driver Position Switch High Reference
4	2 BK	550	Ground
5	3 RD/WH	1140	Battery Positive Voltage
6	0.35 RD/WH	3140	Battery Positive Voltage

### Unknown - Memory Seat Module X4 (AG3)

Memory Seat Module X4 (AG3)



[Click here for full size](#)

### Connector Part Information

- OEM: 6098-4610
- Service: See Catalog
- Description: 16-Way F 1.5 Series, Unsealed (GN)

### Terminal Part Information

- Terminal/Tray: 8240-0128/22
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

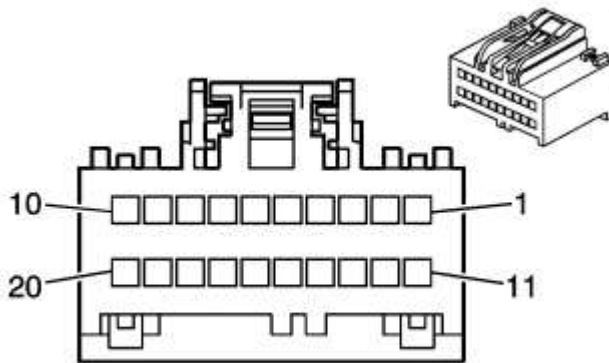
### Memory Seat Module X4 (AG3)

Pin	Wire	Circuit	Function
1	1 PU	767	Driver Seat Lumbar Motor Down Control
2	1 TN	768	Driver Seat Lumbar Motor Up Control
3-6	—	—	Not Used

7	1 BN	2112	Steering Column Tilt Motor Control - Down (N38)
8	1 PK	2111	Steering Column Tilt Motor Control - Up (N38)
9-11	-	-	Not Used
12	1 D-BU	611	Driver Seat Lumbar Motor Forward Control
13	1 PK	610	Driver Seat Lumbar Motor Rearward Control
14	0.8 PK	2480	Passenger Heated Seat Cushion Element Control
15	1 L-GN	276	Driver Seat Recline Motor Forward Control
16	1 L-BU	277	Driver Seat Recline Motor Rearward Control

### Unknown - Memory Seat Module X5 (AG3)

Memory Seat Module X5 (AG3)



[Click here for full size](#)

#### Connector Part Information

- OEM: 31410-1200
- Service: See Catalog
- Description: 20-Way F 0.64 Series (BK)

#### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

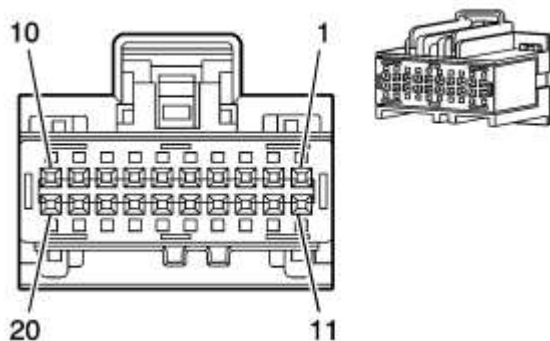
### Memory Seat Module X5 (AG3)

Pin	Wire	Circuit	Function
1	0.35 YE/BK	2079	Heated Seat Cushion Temperature Sensor Signal

2	0.35 GY	2434	Passenger Heated Seat Cushion Temperature Sensor Signal
3	0.35 TN	2436	Heated Seat Back Temperature Sensor Signal
4	0.35 D-BU	2425	Driver Heated Seat Back Temperature Sensor Signal
5-8	—	—	Not Used
9	0.35 OG	2153	Steering Column Telescope Sensor Signal (N38)
10	—	—	Not Used
11	0.35 TN	6207	5-Volt Reference
12-13	—	—	Not Used
14	0.35 BN/WH	557	Front Vertical Seat Motor Position Sensor Signal
15	0.35 TN	568	Rear Vertical Seat Motor Position Sensor Signal
16	0.35 D-GN	569	Horizontal Seat Motor Position Sensor Signal
17	0.35 WH/BK	570	Driver Seat Recline Motor Position Sensor Signal
18	0.35 TN	1062	Driver Seat Lumbar Vertical Position Sensor Signal
19	0.35 YE	1063	Driver Seat Lumbar Horizontal Position Sensor Signal
20	0.35 OG	2154	Steering Column Tilt Sensor Signal (N38)

### Unknown - Memory Seat Module X6 (AG3)

Memory Seat Module X6 (AG3)



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### Connector Part Information

- OEM: 31410-1201
- Service: See Catalog



- Description: 20-Way F USCAR 0.64 Series (GY)

### Terminal Part Information

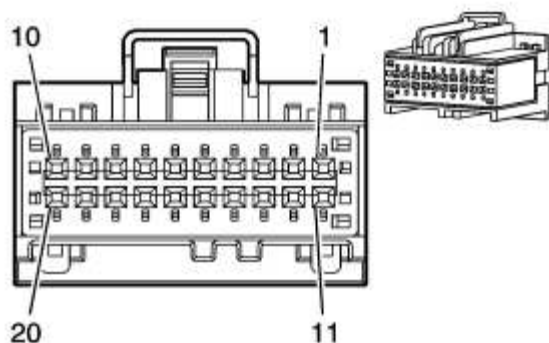
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Memory Seat Module X6 (AG3)

Pin	Wire	Circuit	Function
1-4	—	—	Not Used
5	0.35 WH	1066	Driver Seat Lumbar Up Switch Signal
6	0.35 YE	1065	Driver Seat Lumbar Forward Switch Signal
7	—	—	Not Used
8	0.35 GY	2096	Steering Column Tilt and Telescope Up Switch Signal (N38)
9	0.35 PK	2094	Steering Column Tilt and Telescope Forward Switch Signal (N38)
10-14	—	—	Not Used
15	0.35 YE/BK	1067	Driver Seat Lumbar Down Switch Signal
16	0.35 D-BU	1064	Driver Seat Lumbar Rearward Switch Signal
17	—	—	Not Used
18	0.35 YE	2097	Steering Column Tilt and Telescope Down Switch Signal (N38)
19	0.35 OG	2095	Steering Column Tilt and Telescope Reverse Switch Signal (N38)
20	—	—	Not Used

### Unknown - Memory Seat Module X7 (AG3)

Memory Seat Module X7 (AG3)



[Click here for full size](#)

### Connector Part Information

- OEM: 31410-1202
- Service: See Catalog
- Description: 20-Way F 0.64 Series (BK)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

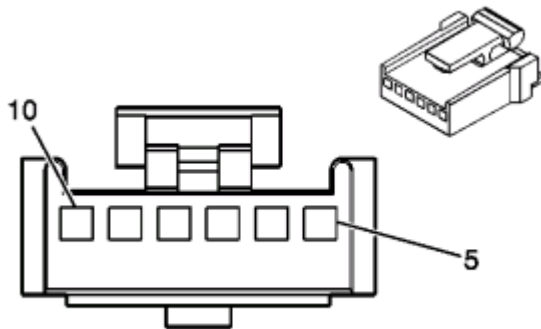
### Memory Seat Module X7 (AG3)

Pin	Wire	Circuit	Function
1-6	—	—	Not Used
7	0.35 D-GN	1518	Power Seat Front Vertical Up Switch Signal
8	0.35 YE	1519	Power Seat Rear Vertical Up Switch Signal
9	0.35 TN	1522	Power Seat Horizontal Forward Switch Signal
10	0.35 GY/BK	1269	Power Seat Recline Forward Switch Signal
11-15	—	—	Not Used
16	0.35 D-GN	5060	Low Speed GMLAN Serial Data
17	0.35 D-BU	1520	Power Seat Front Vertical Down Switch Signal
18	0.35 L-BU	1521	Power Seat Rear Vertical Down Switch Signal
19	0.35 L-GN	1523	Power Seat Horizontal Rearward Switch Signal

20	0.35 D-GN/WH	1270	Power Seat Recline Rearward Switch Signal
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## Unknown - Mode Actuator

Mode Actuator



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### Connector Part Information

- OEM: 12064993
- Service: 12102485
- Description: 6-Way F Micro-Pack 100 Series (BK)

### Terminal Part Information

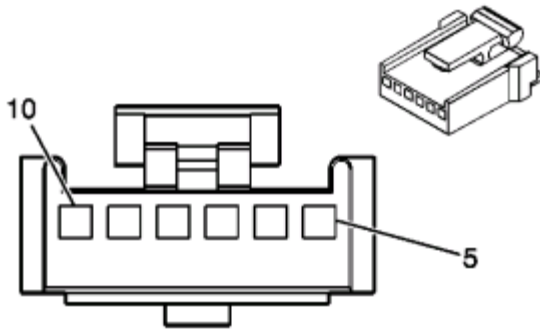
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

## Mode Actuator

Pin	Wire	Circuit	Function
5	0.35 TN	2273	Mode Door Control
6	0.35 TN/BK	119	Mode Door Control
7	—	—	Not Used
8	0.35 YE	1791	Low Reference
9	0.35 L-GN	2275	Mode Door Position Signal
10	0.35 GY	598	5-Volt Reference

## Unknown - Mode Actuator - Auxiliary

## Mode Actuator - Auxiliary



 [Click here for full size](#)

**Connector Part Information**

- OEM: 12064993
- Service: 12102485
- Description: 6-Way F Micro-Pack 100 Series (BK)

**Terminal Part Information**

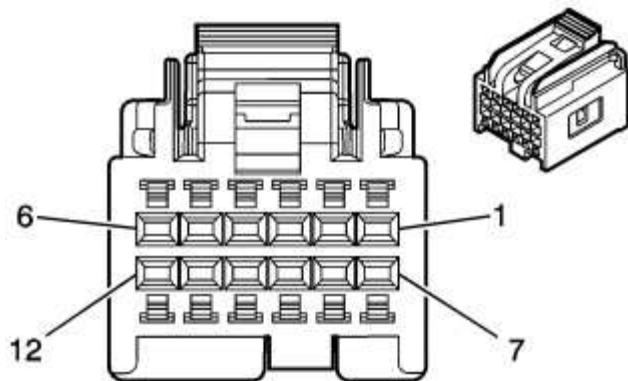
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)

**Mode Actuator - Auxiliary**

Pin	Wire	Circuit	Function
5	0.35 OG	2215	Auxiliary Mode Door Control
6	0.35 L-GN/WH	5729	Auxiliary Mode Motor Supply Voltage
7	—	—	Not Used
8	0.35 GY/BK	1798	Low Reference
9	0.35 GY	2599	Auxiliary Mode Door Control
10	0.35 GY	596	5-Volt Reference

**Unknown - Object Alarm Module X1 (UD7)**

Object Alarm Module X1 (UD7)



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### Connector Part Information

- OEM: 89047364
- Service: See Catalog
- Description: 12-Way F Unsealed (BK)

### Terminal Part Information

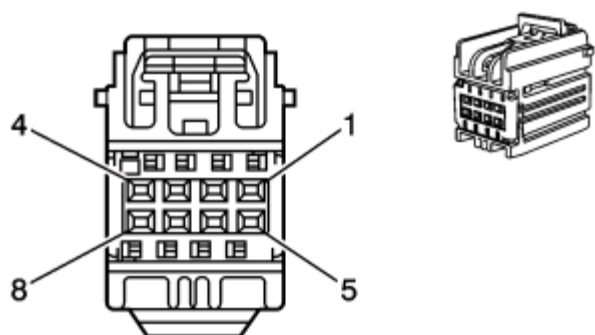
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Object Alarm Module X1 (UD7)

Pin	Wire	Circuit	Function
1	0.35 RD/WH	3140	Battery Positive Voltage
2	0.35 WH	2370	Telltale Assembly Supply Voltage
3	—	—	Not Used
4	0.35 OG	2371	Left Amber Indicator Control
5	—	—	Not Used
6	0.35 D-GN	5060	Low Speed GMLAN Serial Data
7	0.35 BK	650	Ground
8	—	—	Not Used
9	0.35 D-BU	2372	Center Amber Indicator Control
10	0.35 GY	2373	Red Indicator Control
11-12	—	—	Not Used

### Unknown - Object Alarm Module X2 (UD7)

## Object Alarm Module X2 (UD7)



 [Click here for full size](#)

**Connector Part Information**

- OEM: 89047354
- Service: 19115653
- Description: 8-Way F Unsealed (GY)

**Terminal Part Information**

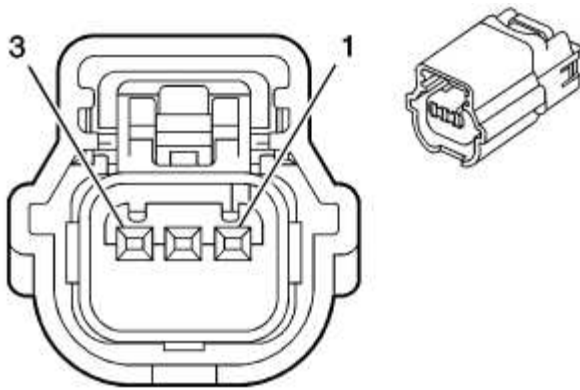
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

**Object Alarm Module X2 (UD7)**

Pin	Wire	Circuit	Function
1	0.35 PU	2378	Right Rear Corner Object Sensor Signal
2	0.35 D-GN	2377	Right Rear Middle Object Sensor Signal
3	0.35 OG	2376	Left Rear Middle Object Sensor Signal
4	0.35 D-BU	2374	Object Sensor Supply Voltage
5	0.35 YE	2375	Left Rear Corner Object Sensor Signal
6-7	—	—	Not Used
8	0.35 GY	2379	Low Reference

**Unknown - Object Alarm Sensor - Left Rear Corner (UD7)**

Object Alarm Sensor - Left Rear Corner (UD7)



[Click here for full size](#)

### Connector Part Information

- OEM: 31404-3700
- Service: 88988337
- Description: 3-Way F MX64 Series, Sealed (BK)

### Terminal Part Information

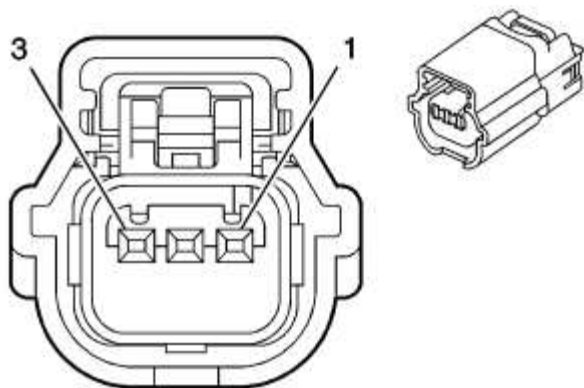
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Object Alarm Sensor - Left Rear Corner (UD7)

Pin	Wire	Circuit	Function
1	0.35 D-BU	2374	Object Sensor Supply Voltage
2	0.35 GY	2379	Low Reference
3	0.35 YE	2375	Left Rear Corner Object Sensor Signal

### Unknown - Object Alarm Sensor - Left Rear Middle (UD7)

Object Alarm Sensor - Left Rear Middle (UD7)



[Click here for full size](#)

### Connector Part Information

- OEM: 31404-3700
- Service: 88988337
- Description: 3-Way F MX64 Series, Sealed (BK)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

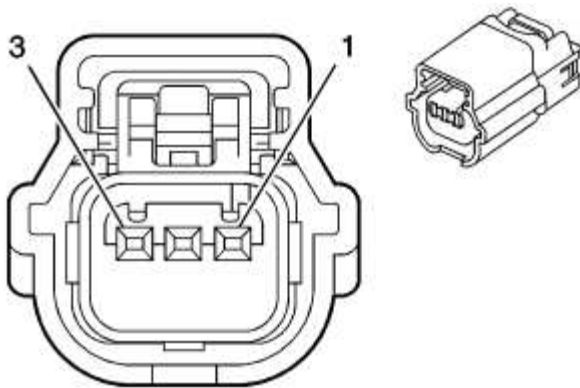
### Object Alarm Sensor - Left Rear Middle (UD7)

Pin	Wire	Circuit	Function
1	0.35 D-BU	2374	Object Sensor Supply Voltage
2	0.35 GY	2379	Low Reference
3	0.35 OG	2376	Left Rear Middle Object Sensor Signal

### Unknown - Object Alarm Sensor - Right Rear Corner (UD7)

Object Alarm Sensor - Right Rear Corner (UD7)





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### Connector Part Information

- OEM: 31404-3700
- Service: 88988337
- Description: 3-Way F MX64 Series, Sealed (BK)

### Terminal Part Information

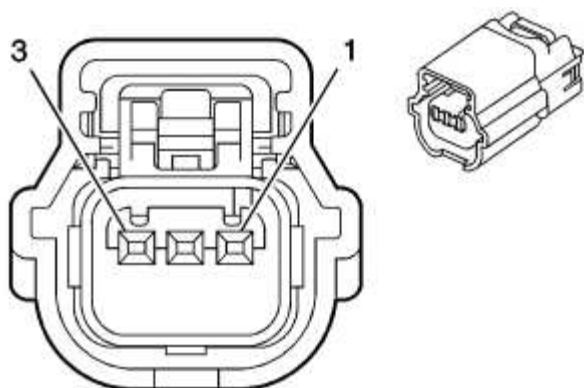
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Object Alarm Sensor - Right Rear Corner (UD7)

Pin	Wire	Circuit	Function
1	0.35 D-BU	2374	Object Sensor Supply Voltage
2	0.35 GY	2379	Low Reference
3	0.35 PU	2378	Right Rear Corner Object Sensor Signal

### Unknown - Object Alarm Sensor - Right Rear Middle (UD7)

Object Alarm Sensor - Right Rear Middle (UD7)



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### Connector Part Information

- OEM: 31404-3700
- Service: 88988337
- Description: 3-Way F MX64 Series, Sealed (BK)

### Terminal Part Information

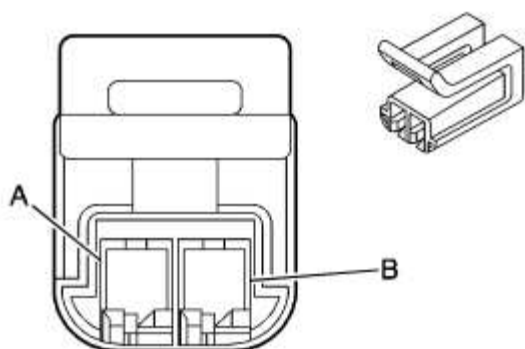
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Object Alarm Sensor - Right Rear Middle (UD7)

Pin	Wire	Circuit	Function
1	0.35 D-BU	2374	Object Sensor Supply Voltage
2	0.35 GY	2379	Low Reference
3	0.35 D-GN	2377	Right Rear Middle Object Sensor Signal

### Unknown - Output Speed Sensor (OSS)

Output Speed Sensor (OSS)



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### Connector Part Information

- OEM: 15473844
- Service: Non-Serviceable
- Description: 2-Way F M/P 150.2 Series P2S (L-GN)

### Terminal Part Information

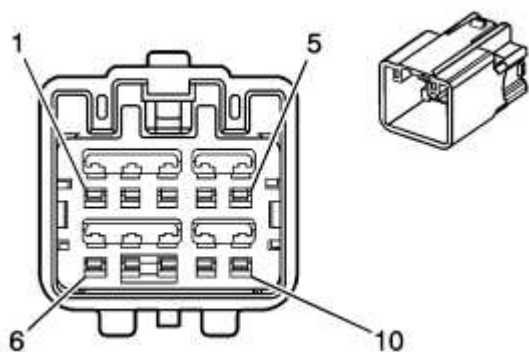
- Terminal/Tray: Non-Serviceable
- Core/Insulation Crimp: Non-Serviceable
- Release Tool/Test Probe: Non-Serviceable

### Output Speed Sensor (OSS)

Pin	Wire	Circuit	Function
A	0.5 WH	—	OSS High Signal
B	0.5 BK	—	OSS Low Signal

### Unknown - Outside Rearview Mirror - Driver (DG6 or DS3)

Outside Rearview Mirror - Driver (DG6 or DS3)



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### Connector Part Information

- OEM: 7282-6455-40
- Service: 88988272
- Description: 10-Way M Kaizen YESC Series (L-GY)

### Terminal Part Information

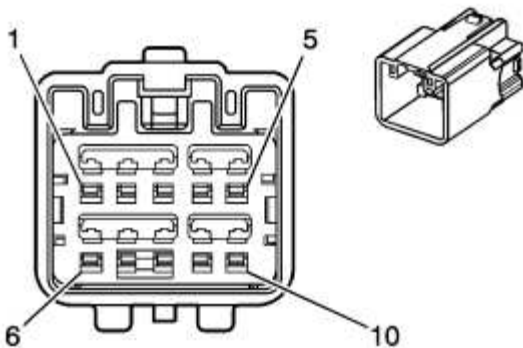
- Terminal/Tray: 7114-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-3 (GY)

### Outside Rearview Mirror - Driver (DG6 or DS3)

Pin	Wire	Circuit	Function
1	0.35 L-GN	89	Left Mirror Motor Down Control
2	0.35 WH	81	Driver Mirror Motor Right Control
3	0.35 BK	550	Ground
4	—	—	Not Used
5	0.5 L-BU/WH	1314	Left Turn Signal Indicator Lamp Supply Voltage (DS3)
6	0.35 TN	329	Driver Mirror Motor Supply Voltage
7	0.5 OG	2267	Mirror Heating Element Supply Voltage
8-9	—	—	Not Used
10	0.35 BK	550	Ground (DS3)

### Unknown - Outside Rearview Mirror - Driver X1 (DNP)

Outside Rearview Mirror - Driver X1 (DNP)



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**Connector Part Information**

- OEM: 7282-6455-40
- Service: 88988272
- Description: 10-Way M Kaizen YESC Series (L-GY)

**Terminal Part Information**

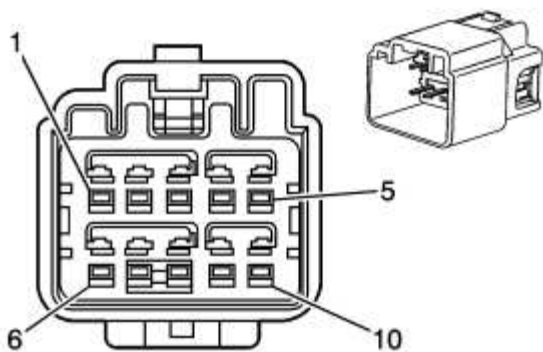
- Terminal/Tray: 7114-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-3 (GY)

**Outside Rearview Mirror - Driver X1 (DNP)**

Pin	Wire	Circuit	Function
1	0.35 YE	6802	Left Extend/Fold Mirror Motor Extend Control
2	0.35 L-BU	6803	Left Extend Mirror Motor Retract/Unfold Control
3	—	—	Not Used
4	0.35 D-GN	784	Driver Mirror Vertical Position Sensor Signal
5	0.35 GY	786	Driver Mirror Horizontal Position Sensor Signal
6	—	—	Not Used
7	0.35 D-BU	672	5-Volt Reference
8	0.35 PK	5853	Driver Side Object Detection LED Signal (UFT)
9	0.35 PK/BK	5855	Low Reference (UFT)
10	0.35 BN	673	Low Reference

**Unknown - Outside Rearview Mirror - Driver X2 (DNP)**

Outside Rearview Mirror - Driver X2 (DNP)



[Click here for full size](#)

### Connector Part Information

- OEM: 7282-5683-60
- Service: See Catalog
- Description: 10-Way M YESC/USCAR Class III Series, Sealed (GN)

### Terminal Part Information

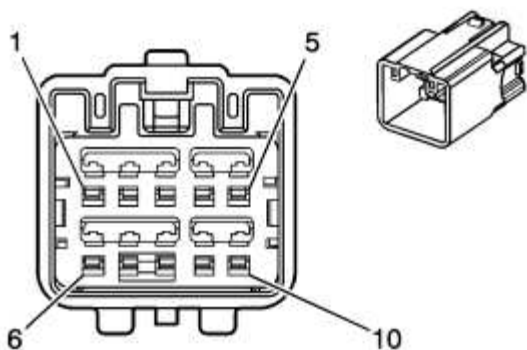
- Terminal/Tray: 7114-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-3 (GY)

### Outside Rearview Mirror - Driver X2 (DNP)

Pin	Wire	Circuit	Function
1	0.35 D-BU/WH	6160	Left Mirror Vertical Position Control
2	0.35 D-GN/WH	6159	Left Mirror Horizontal Position Control
3	0.5 L-GN	627	Low Reference
4	0.35 PK	1691	Low Reference
5	0.5 L-BU/WH	1314	Left Turn Signal Indicator Lamp Supply Voltage
6	0.35 WH	7197	Left Mirror Drive Motor Common
7	0.5 OG	2267	Mirror Heating Element Supply Voltage
8	-	-	Not Used
9	0.35 GY	1690	Automatic Day/Night Mirror Signal
10	0.35 BK	550	Ground

### Unknown - Outside Rearview Mirror - Passenger (DG6 or DS3)

## Outside Rearview Mirror - Passenger (DG6 or DS3)



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### Connector Part Information

- OEM: 7282-6455-40
- Service: 88988272
- Description: 10-Way M Kaizen YESC Series (L-GY)

### Terminal Part Information

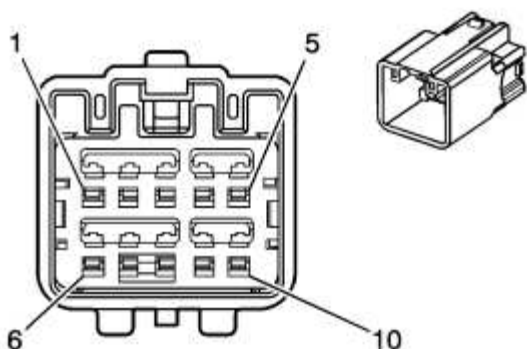
- Terminal/Tray: 7114-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-3 (GY)

## Outside Rearview Mirror - Passenger (DG6 or DS3)

Pin	Wire	Circuit	Function
1	0.35 PU/WH	889	Passenger Mirror Motor Down Control
2	0.35 OG/WH	881	Passenger Mirror Motor Right Control
3	0.35 BK	750	Ground
4	—	—	Not Used
5	0.5 D-BU/WH	1315	Right Turn Signal Indicator Lamp Supply Voltage (DS3)
6	0.35 TN/WH	330	Passenger Mirror Motor Supply Voltage
7	0.5 OG	2267	Mirror Heating Element Supply Voltage
8-9	—	—	Not Used
10	0.35 BK	750	Ground (DS3)

### Unknown - Outside Rearview Mirror - Passenger X1 (DNP)

Outside Rearview Mirror - Passenger X1 (DNP)



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### Connector Part Information

- OEM: 7282-6455-40
- Service: 88988272
- Description: 10-Way M Kaizen YESC Series (L-GY)

### Terminal Part Information

- Terminal/Tray: 7114-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-3 (GY)

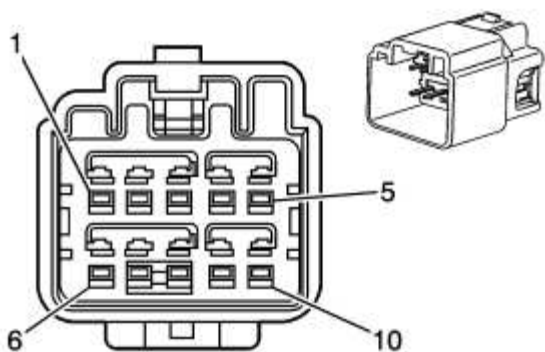
### Outside Rearview Mirror - Passenger X1 (DNP)

Pin	Wire	Circuit	Function
1	0.35 YE	6804	Driver Mirror Motor Down Control
2	0.35 L-BU	6805	Right Extend Motor Retract/Unfold Control
3	—	—	Not Used
4	0.35 BN	787	Passenger Mirror Vertical Position Sensor Signal
5	0.35 L-BU/BK	785	Passenger Mirror Horizontal Position Sensor Signal
6	—	—	Not Used
7	0.35 YE	674	5-Volt Reference
8	0.35 PK	5861	Passenger Side Object Detection LED Signal (UFT)
9	0.35 PK/BK	5862	Low Reference (UFT)
10	0.35 L-GN	675	Low Reference

### Unknown - Outside Rearview Mirror - Passenger X2 (DNP)



## Outside Rearview Mirror - Passenger X2 (DNP)



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### Connector Part Information

- OEM: 7282-5683-60
- Service: See Catalog
- Description: 10-Way M YESC/USCAR Class III Series, Sealed (GN)

### Terminal Part Information

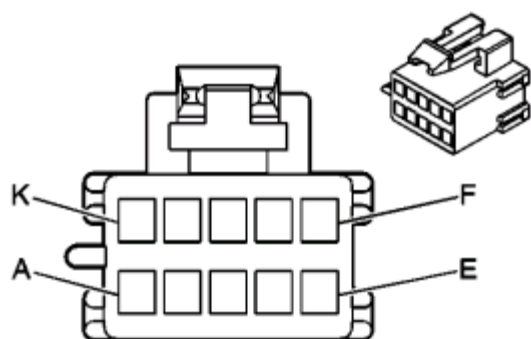
- Terminal/Tray: 7114-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-3 (GY)

## Outside Rearview Mirror - Passenger X2 (DNP)

Pin	Wire	Circuit	Function
1	0.35 OG/BK	6162	Outside Right Mirror Right Front Up Control
2	0.35 GY/BK	6161	Right Mirror Horizontal Position Control
3	0.5 D-GN	628	Low Reference
4	—	—	Not Used
5	0.5 D-BU/WH	1315	Right Turn Signal Indicator Lamp Supply Voltage
6	0.35 WH	7196	Right Mirror Drive Motor Common
7	0.5 OG	2267	Mirror Heating Element Supply Voltage
8-9	—	—	Not Used
10	0.35 BK	750	Ground

### Unknown - Outside Rearview Mirror Switch (DG6 or DS3)

Outside Rearview Mirror Switch (DG6 or DS3)



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### Connector Part Information

- OEM: 12064769
- Service: 12101762
- Description: 10-Way F Metri-Pack 150 Series (NA)

### Terminal Part Information

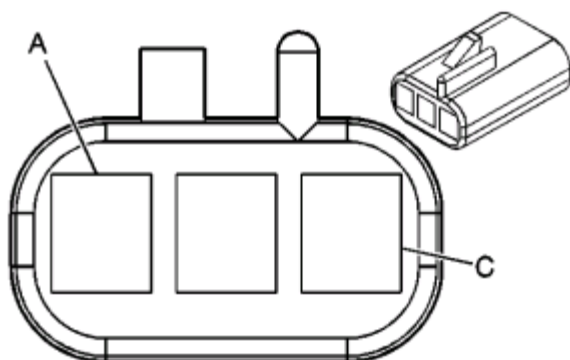
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)


### Outside Rearview Mirror Switch (DG6 or DS3)

Pin	Wire	Circuit	Function
A	—	—	Not Used
B	0.5 RD/WH	1940	Battery Positive Voltage
C	0.35 TN/WH	330	Passenger Mirror Motor Supply Voltage
D	0.35 OG/WH	881	Passenger Mirror Motor Right Control
E	0.35 GY	8	Instrument Panel Lamp Supply Voltage
F	0.35 PU/WH	889	Passenger Mirror Motor Down Control
G	0.35 BK	550	Ground
H	0.35 TN	329	Driver Mirror Motor Supply Voltage
J	0.35 WH	81	Driver Mirror Motor Right Control
K	0.35 L-GN	89	Driver Mirror Motor Down Control

### Unknown - Overhead Console Courtesy/Reading Lamps - Front

Overhead Console Courtesy/Reading Lamps - Front



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### Connector Part Information

- OEM: 12047781
- Service: 12101864
- Description: 3-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

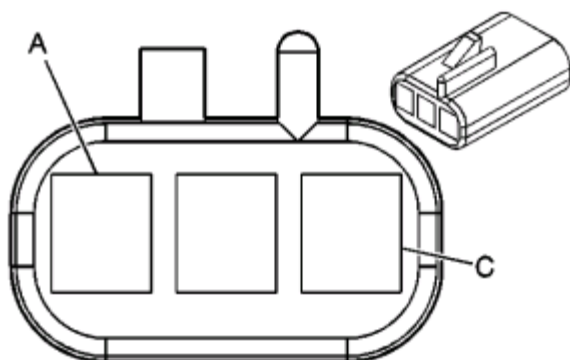
- Pins: A, C
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)
- Pins: B
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)


### Overhead Console Courtesy/Reading Lamps - Front

Pin	Wire	Circuit	Function
A	0.8 OG	1732	Courtesy Lamps Supply Voltage
B	0.5 BK	850	Ground
C	0.8 GY/BK	690	Courtesy Lamp High Control

### Unknown - Overhead Console Courtesy/Reading Lamps - Rear

Overhead Console Courtesy/Reading Lamps - Rear



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### Connector Part Information

- OEM: 12047781
- Service: 12101864
- Description: 3-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

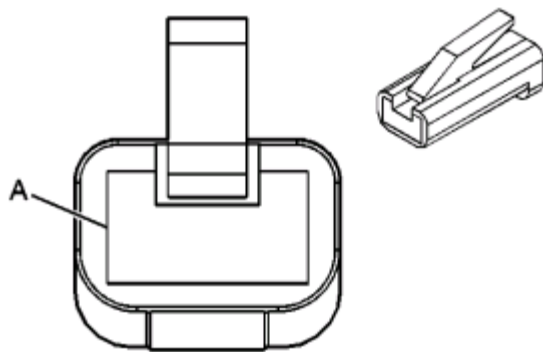
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Overhead Console Courtesy/Reading Lamps - Rear

Pin	Wire	Circuit	Function
A	0.5 OG	1732	Courtesy Lamps Supply Voltage
B	0.5 BK	850	Ground
C	0.5 GY/BK	690	Courtesy Lamp High Control

### Unknown - Park Brake Switch

Park Brake Switch



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### Connector Part Information

- OEM: 12004267
- Service: 12102561
- Description: 1-Way F 56 Series Lock Type (BK)

### Terminal Part Information

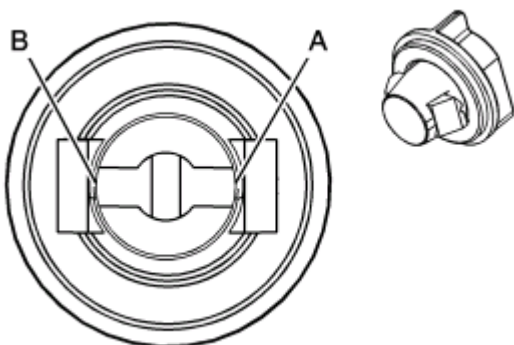
- Terminal/Tray: 12124515/1
- Core/Insulation Crimp: C/D
- Release Tool/Test Probe: 12094430/J-35616-42 (RD)

### Park Brake Switch

Pin	Wire	Circuit	Function
A	0.5 OG/BK	233	Park Brake Switch Signal

### Unknown - Park Lamp - Left Rear (W49)

Park Lamp - Left Rear (W49)



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### Connector Part Information

- OEM: 1011101
- Service: See Catalog
- Description: 2-Way F Lamp Socket, Axial (WH)

### Terminal Part Information

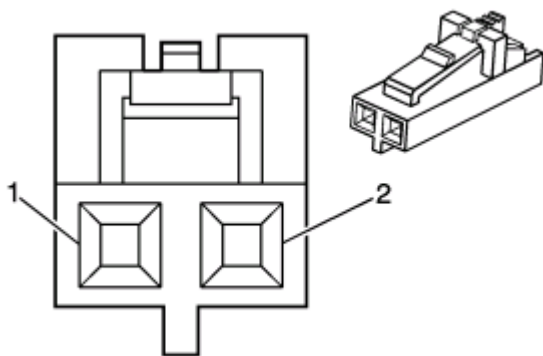
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Park Lamp - Left Rear (W49)

Pin	Wire	Circuit	Function
A	0.5 BK	—	Ground
	0.5 BK	—	Ground
B	0.5 BN	—	Park Lamp Supply Voltage

### Unknown - Park Lamp - Left Rear (Z88)

Park Lamp - Left Rear (Z88)



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### Connector Part Information

- OEM: 104257-1
- Service: See Catalog
- Description: 2-Way F (BK)

**Terminal Part Information**

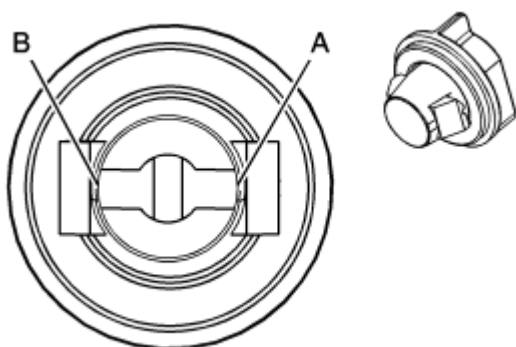
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit


**Park Lamp - Left Rear (Z88)**

Pin	Wire	Circuit	Function
1	0.5 BK	—	Left Park Lamp Supply Voltage
2	0.5 BK	—	Ground

**Unknown - Park Lamp - Right Rear (W49)**

Park Lamp - Right Rear (W49)



 [Click here for full size](#)

**Connector Part Information**

- OEM: 1011101
- Service: See Catalog
- Description: 2-Way F Lamp Socket, Axial (WH)

**Terminal Part Information**

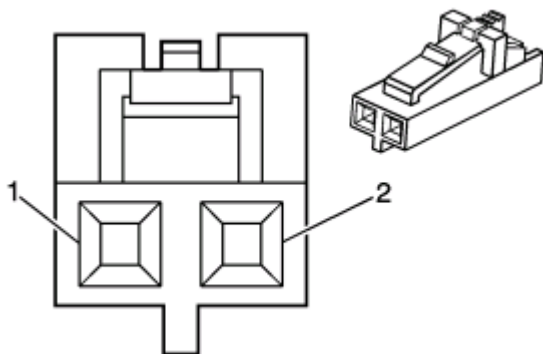
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Park Lamp - Right Rear (W49)**

Pin	Wire	Circuit	Function
A	0.5 BK	—	Ground
	0.5 BK	—	Ground
B	0.5 BN	—	Park Lamp Supply Voltage

### Unknown - Park Lamp - Right Rear (Z88)

Park Lamp - Right Rear (Z88)



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#### Connector Part Information

- OEM: 104257-1
- Service: See Catalog
- Description: 2-Way F (BK)

#### Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

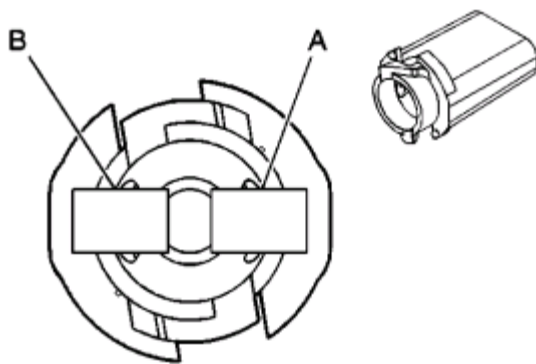
### Park Lamp - Right Rear (Z88)

Pin	Wire	Circuit	Function
1	0.5 BK	—	Right Park Lamp Supply Voltage
2	0.5 BK	—	Ground

### Unknown - PRNDL Lamp

PRNDL Lamp





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### Connector Part Information

- OEM: 12162711
- Service: See Catalog
- Description: 2-Way Lamp Socket Wedge Base W2 (BK)

### Terminal Part Information

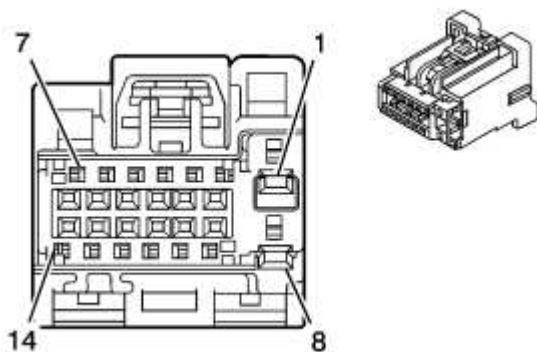
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit


### PRNDL Lamp

Pin	Wire	Circuit	Function
A	0.35 BU	—	Instrument Panel Lamp Supply Voltage
B	0.35 BU	—	Ground

### Unknown - Radio X1

Radio X1



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### Connector Part Information

- OEM: 7283-9281-30
- Service: See Catalog
- Description: 14-Way F YESC Kaizen Series (BK)

### Terminal Part Information

- Pins: 1, 8
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)
- Pins: 2-7, 9-11, 13
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

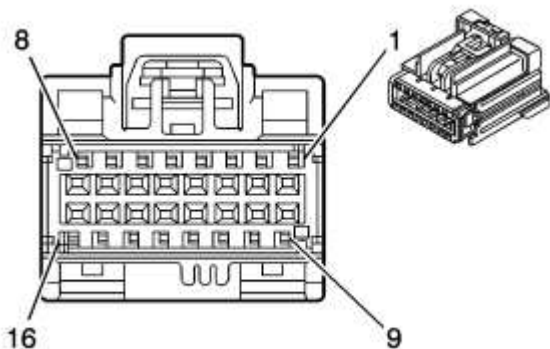
### Radio X1

Pin	Wire	Circuit	Function
1	1 RD/WH	4240	Battery Positive Voltage
2	0.5 TN	201	Left Front Speaker Output (+) (UQF)
	0.5 TN	511	Left Front Low Level Audio Signal (+) (UQA or UQG or UQS)
3	0.5 L-GN	200	Right Front Speaker Output (+) (UQF)
	0.5 L-GN/WH	512	Right Front Low Level Audio Signal (+) (UQA or UQG or UQS)
4	0.35 PK	5149	Voice Recognition Audio Signal (UE1 with UZR or U3R)
5	0.35 PK/BK	5152	Low Reference (UE1 with UZR or U3R)
6	0.35 WH	7066	Entertainment Remote Enable Signal
7	0.35 PU/WH	1382	LED Dimming Signal
8	1 BK/WH	351	Ground
9	0.5 GY	118	Left Front Speaker Output (-) (UQF)
	0.5 D-GN	1947	Left Front Low Level Audio Signal (-) (UQA or UQG or UQS)
10	0.5 D-GN	117	Right Front Speaker Output (-) (UQF)

	0.5 L-GN	1948	Right Front Low Level Audio Signal (-) (UQA or UQG or UQS)
11	0.35 BARE	1573	Drain Wire (UQA or UQG or UQS)
12	-	-	Not Used
13	0.35 D-GN	5060	Low Speed GMLAN Serial Data
14	-	-	Not Used

## Unknown - Radio X2

Radio X2



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### Connector Part Information

- OEM: 7283-9282-30
- Service: See Catalog
- Description: 16-Way F YESC Kaizen Series (BK)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

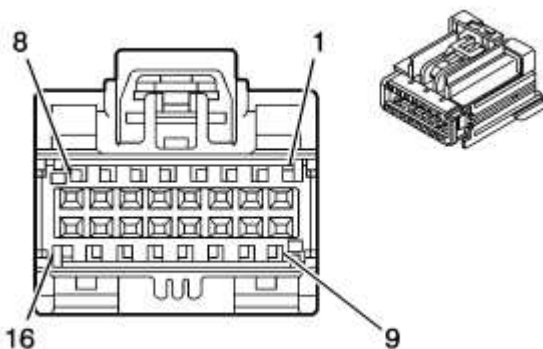
## Radio X2

Pin	Wire	Circuit	Function
1	0.5 BN/WH	367	Left Audio Signal (+) (U2K)
2	0.5 D-GN/WH	368	Right Audio Signal (+) (U2K)
3	0.35 BARE	1574	Drain Wire (UQA or UQG or UQS)
4	-	-	Not Used

5	0.5 BN/WH	599	Left Rear Low Level Audio Signal (+) (without UQF without UK6)
	0.5 BN	199	Left Rear Speaker Output (+) (UQF without UK6)
6	0.5 D-BU	46	Right Rear Speaker Output (+) (UQF without UK6)
	0.5 D-BU	546	Right Rear Low Level Audio Signal (+) (without UQF without UK6)
7	0.35 OG/BK	1406	Remote Playback Device Left Audio Signal (UE1)
8	0.35 OG	5748	Radio Audio Mute Signal (without UQF)
9	0.5 TN/WH	372	Left Audio Signal (-) (U2K)
10	0.5 GY	388	Right Audio Signal (-) (U2K)
11	0.35 BARE	6131	Drain Wire (U2K)
12	-	-	Not Used
13	0.5 BN	1999	Left Rear Low Level Audio Signal (-) (UK6 without UQF)
	0.5 YE	116	Left Rear Speaker Output (-) (UQF without UK6)
14	0.5 TN	1946	Right Rear Low Level Audio Signal (-) (UK6 without UQF)
	0.5 L-BU	115	Right Rear Speaker Output (-) (UQF without UK6)
15	0.35 L-BU	1405	Remote Playback Device Audio Common Signal (UE1)
16	-	-	Not Used

### Unknown - Radio X3 (U42)

Radio X3 (U42)



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### Connector Part Information

- OEM: 7283-9283-40
- Service: See Catalog
- Description: 16-Way F YESC Kaizen Series (L-GY)

### Terminal Part Information

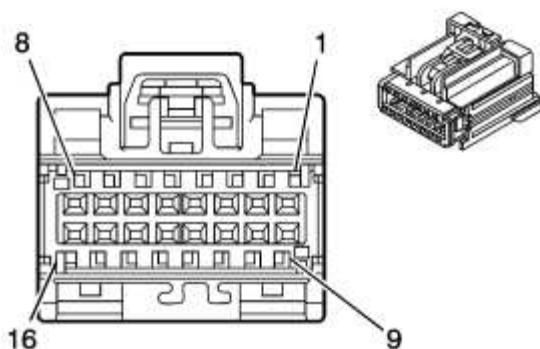
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Radio X3 (U42)

Pin	Wire	Circuit	Function
1	0.35 YE	2059	Auxiliary Audio Left Signal
2	0.35 WH	2058	Auxiliary Audio Right Signal
3	0.35 L-BU	5826	Left DVD Audio Signal (+)
4	0.35 WH	5828	Right DVD Audio Signal (+)
5	0.35 OG/BK	5831	Remote Infrared Signal (+)
6	0.35 PK/BK	5844	Video Bright Control
7	0.35 D-GN	6975	DVD Video Signal (+)
8	0.35 PU	2056	Auxiliary Video High Signal
9	0.35 BARE	5345	Drain Wire
10	0.35 L-GN/BK	5845	Video Module Signal
11	0.35 PU	6979	DVD Audio Common
12	0.35 BARE	6980	DVD Audio Shield
13	0.35 TN/WH	5830	Remote Infrared Signal (-)
14	0.35 BARE	6976	DVD Video Drain Wire
15	0.35 WH/BK	5335	DVD Video Signal (-)
16	0.35 BARE	5346	Drain Wire

### Unknown - Radio X4 (U3R or UVB or UZR)

Radio X4 (U3R or UVB or UZR)



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### Connector Part Information

- OEM: 7283-9284-80
- Service: See Catalog
- Description: 16-Way F YESC Kaizen Series (BN)

### Terminal Part Information

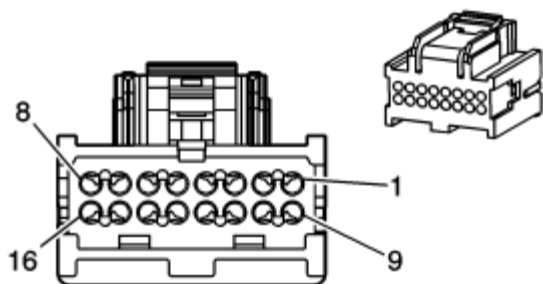
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Radio X4 (U3R or UVB or UZR)

Pin	Wire	Circuit	Function
1-2	—	—	Not Used
3	0.5 D-BU	6760	Center Speaker High
4	0.5 WH	6763	Subwoofer Speaker High
5	0.5 D-GN/WH	817	Vehicle Speed Signal
6	0.35 PK	6972	Camera Signal #2 + (UVC)
7	0.35 L-BU	6973	Camera Signal #2 (UVC)
8-10	—	—	Not Used
11	0.5 OG	6761	Center Speaker Low
12	0.5 PK	6762	Subwoofer Speaker Low
13	0.5 BARE	5838	Ground
14-16	—	—	Not Used

### Unknown - Radio/HVAC Control - Auxiliary X1 (UK6)

## Radio/HVAC Control - Auxiliary X1 (UK6)



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**Connector Part Information**

- OEM: 15394149
- Service: See Catalog
- Description: 16-Way F Micro-Pack 064 Series (GY)

**Terminal Part Information**

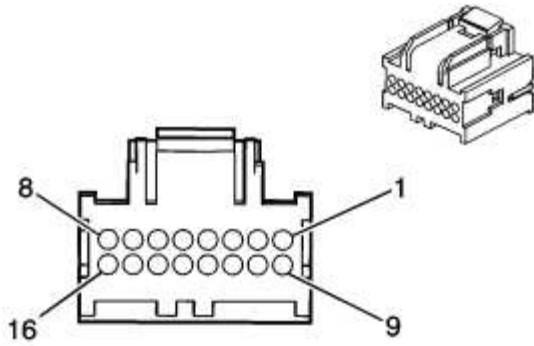
- Terminal/Tray: 15359541/4
- Core/Insulation Crimp: M/M
- Release Tool/Test Probe: 15381651-2/J-35616-64B (L-BU)

**Radio/HVAC Control - Auxiliary X1 (UK6)**

Pin	Wire	Circuit	Function
1	0.35 OG/BK	5329	Infrared Audio Signal (+) (U42)
2	0.35 BN/WH	5331	Infrared Audio Common Signal (U42)
3	0.35 PU/WH	5330	Right Infrared Audio Signal (U42)
4	0.35 BARE	5332	Infrared Audio Drain Wire (U42)
5	0.5 RD/WH	2340	Battery Positive Voltage
6	0.5 BK/WH	351	Ground
7	0.35 PU/WH	1382	LED Dimming Signal
8-13	-	-	Not Used
14	0.35 PK	5829	Infrared Module Supply Voltage (U42)
15	0.35 D-GN	5060	Low Speed GMLAN Serial Data
16	-	-	Not Used

**Unknown - Radio/HVAC Control - Auxiliary X2 (UK6)**

## Radio/HVAC Control - Auxiliary X2 (UK6)



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**Connector Part Information**

- OEM: 15394152
- Service: 19115676
- Description: 16-Way F Micro-Pack 064 Series (BK)

**Terminal Part Information**

- Terminal/Tray: 15359541/4
- Core/Insulation Crimp: M/M
- Release Tool/Test Probe: 15381651-2/J-35616-64B (L-BU)

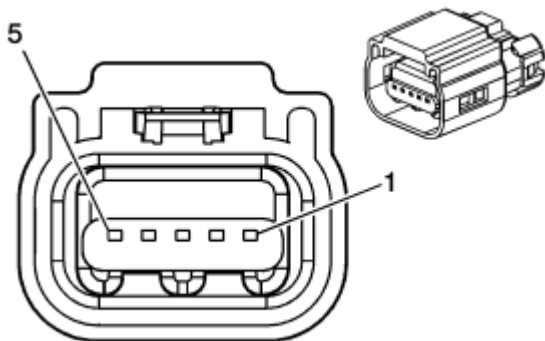
**Radio/HVAC Control - Auxiliary X2 (UK6)**

Pin	Wire	Circuit	Function
1	0.8 BN/WH	599	Left Rear Low Level Audio Signal (+)
2	0.8 BN	1999	Left Rear Low Level Audio Signal (-)
3	0.8 D-BU	546	Right Rear Low Level Audio Signal (+)
4	0.8 TN	1946	Right Rear Low Level Audio Signal (-)
5	0.35 BARE	1574	Drain Wire
6-8	-	-	Not Used
9	0.8 L-BU	5312	Left Rear Low Level Audio Signal (+)
10	0.8 BN	5314	Left Rear Low Level Audio Signal (-)
11	0.8 L-GN	5313	Right Rear Low Level Audio Signal (+)
12	0.8 TN/WH	5830	Right Rear Low Level Audio Signal (-)
13	0.35 BARE	6759	Audio Drain Wire
14-16	-	-	Not Used



**Unknown - Rear Differential Clutch Control Module X1 (MH6)**

Rear Differential Clutch Control Module X1 (MH6)



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**Connector Part Information**

- OEM: 89047382
- Service: 89047382
- Description: 5-Way F (BK)

**Terminal Part Information**

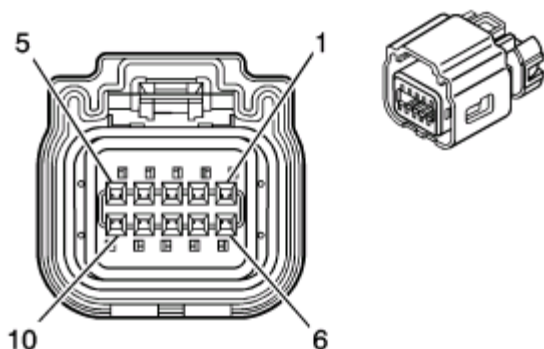
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

**Rear Differential Clutch Control Module X1 (MH6)**

Pin	Wire	Circuit	Function
1	—	—	Not Used
2	0.5 YE	9999	Transfer Case Fluid Temperature Signal
3	0.5 YE	9997	Transfer Case Actuator Low Control
4	0.5 YE	9998	Low Reference
5	0.5 YE	9996	Transfer Case Actuator High Control

**Unknown - Rear Differential Clutch Control Module X2 (MH6)**

Rear Differential Clutch Control Module X2 (MH6)



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### Connector Part Information

- OEM: 13509360
- Service: See Catalog
- Description: 10-Way F Kaizen 0.64 Series, Sealed (BK)

### Terminal Part Information

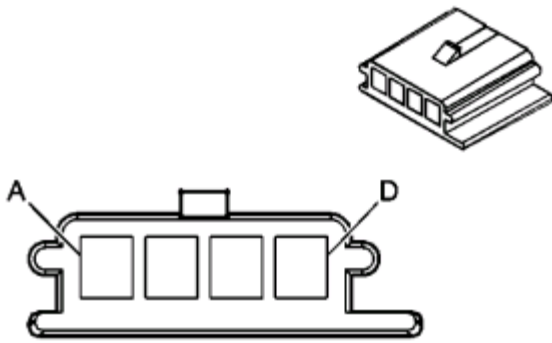
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Rear Differential Clutch Control Module X2 (MH6)

Pin	Wire	Circuit	Function
1-2	—	—	Not Used
3	0.5 BK	650	Ground
4	—	—	Not Used
5	0.35 L-BU	5986	Communication Enable
6	0.5 RD/WH	1740	Battery Positive Voltage
7	—	—	Not Used
8	0.35 TN	2501	High Speed GMLAN Serial Data Bus-
9	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+
10	—	—	Not Used

### Unknown - Rear Parking Assist (RPA) Display (UD7)

Rear Parking Assist (RPA) Display (UD7)



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### Connector Part Information

- OEM: 12045813
- Service: 12101889
- Description: 4-Way F Metri-Pack 150 Series (CR)

### Terminal Part Information

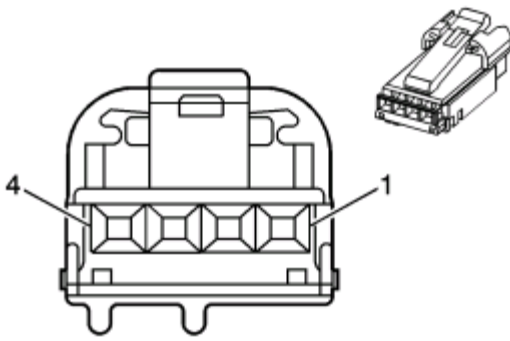
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Rear Parking Assist (RPA) Display (UD7)

Pin	Wire	Circuit	Function
A	0.35 WH	2370	Telltale Assembly Supply Voltage
B	0.35 OG	2371	Left Amber Indicator Control
C	0.35 D-BU	2372	Center Amber Indicator Control
D	0.35 GY	2373	Red Indicator Control

### Unknown - Rear Seat Audio (RSA) Control (RCA)

Rear Seat Audio (RSA) Control (RCA)



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### Connector Part Information

- OEM: 31068-1010
- Service: See Catalog
- Description: 4-Way F HDAC64 SR Housing (BK)

### Terminal Part Information

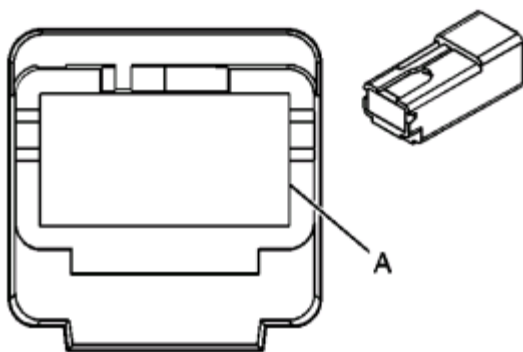
- Terminal/Tray: 1393364-2/7
- Core/Insulation Crimp: K/K
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)

### Rear Seat Audio (RSA) Control (RCA)

Pin	Wire	Circuit	Function
1	0.35 L-GN	1011	Remote Radio Control Signal
2	0.35 BK	850	Ground
3	0.35 PU/WH	1382	LED Dimming Signal
4	0.35 PU	1375	12-Volt Reference

### Unknown - Rear Window Defogger Grid X1

Rear Window Defogger Grid X1



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#### Connector Part Information

- OEM: 12092133
- Service: 12167133
- Description: 1-Way F Metri-Pack 630 Series Self Lock (BK)

#### Terminal Part Information

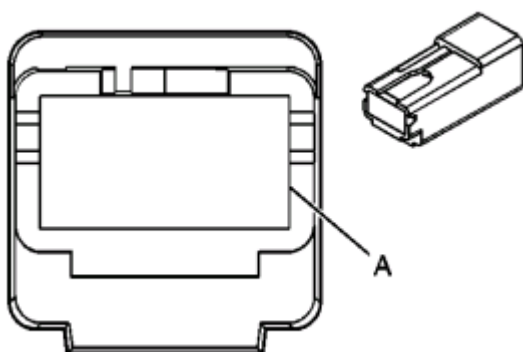
- Terminal/Tray: 12034110/18
- Core/Insulation Crimp: B/G
- Release Tool/Test Probe: 12094430/J-35616-42 (RD)

#### Rear Window Defogger Grid X1

Pin	Wire	Circuit	Function
A	5 PU	293	Rear Defog Element Supply Voltage

#### Unknown - Rear Window Defogger Grid X2

Rear Window Defogger Grid X2



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**Connector Part Information**

- OEM: 12092133
- Service: 12167133
- Description: 1-Way F Metri-Pack 630 Series Self Lock (BK)

**Terminal Part Information**

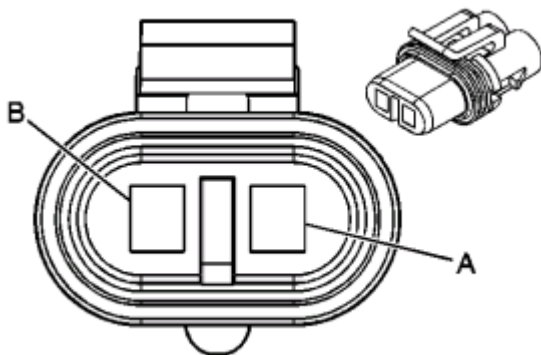
- Terminal/Tray: 12034110/18
- Core/Insulation Crimp: F/G
- Release Tool/Test Probe: 12094430/J-35616-42 (RD)

**Rear Window Defogger Grid X2**

Pin	Wire	Circuit	Function
A	3 BK	650	Ground

**Unknown - Rear Window Washer Fluid Pump**

Rear Window Washer Fluid Pump



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**Connector Part Information**

- OEM: 12020599
- Service: 12102664
- Description: 2-Way F Metri-Pack 280 Series (BK)

**Terminal Part Information**

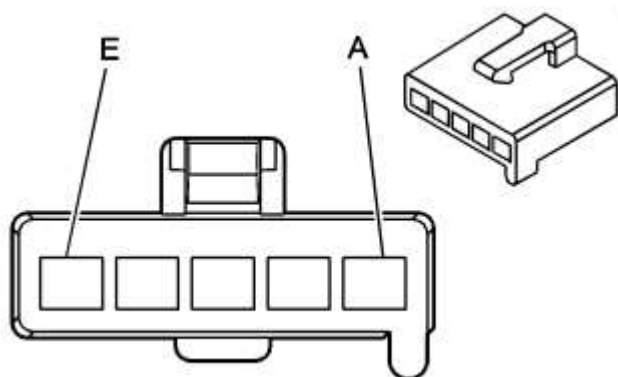
- Terminal/Tray: 12077411/2
- Core/Insulation Crimp: 2/5
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

## Rear Window Washer Fluid Pump

Pin	Wire	Circuit	Function
A	0.5 BK	1350	Ground
B	0.8 D-GN	392	Rear Window Washer Pump Control

## Unknown - Rear Window Wiper Motor

Rear Window Wiper Motor



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## Connector Part Information

- OEM: 12041429
- Service: 12167129
- Description: 5-Way F Metri-Pack 280 Series (BK)

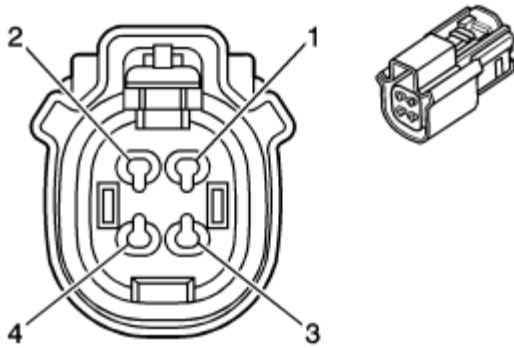
## Rear Window Wiper Motor

Pin	Wire	Circuit	Function
A	Terminal/Tray: 12066214/2 1 RD/WH	3840	Front Sunshade Switch Open Signal
B	Core/Insulation Crimp: F/D 1 BK	650	Ground
C	Release Tool/Test Probe: 12094430/J-35616-4A (PU) 0.5 L-GN	2270	Rear Window Washer Relay Control
D	Pin 05 CyE	391	Rear Window Wiper Switch Signal
E	Terminal/Tray: 12034046/2 0.35 WH	2283	Rear Wiper/Washer Switch Supply Voltage

• Core/Insulation Crimp: E/A  
• Release Tool/Test Probe: 12094430/J-35616-4A (PU)

## Unknown - Rearview Camera (UVC)

## Rearview Camera (UVC)



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**Connector Part Information**

- OEM: 33472-0401
- Service: See Catalog
- Description: 4-Way F MX 150 Receptacle (WH)

**Terminal Part Information**

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

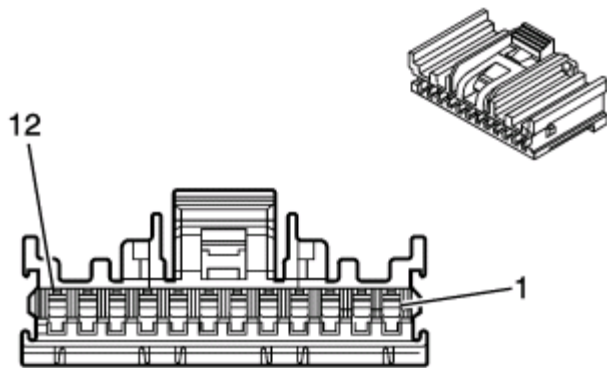
**Rearview Camera (UVC)**

Pin	Wire	Circuit	Function
1	BARE	6799	Camera Shield
2	OG	6201	Camera Reference Signal
3	TN/BK	6202	Ground
4	WH	6798	Camera Video Signal

**Unknown - Rearview Camera Image Display Module (UVC)**

Rearview Camera Image Display Module (UVC)





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### Connector Part Information

- OEM: 19115105
- Service: See Catalog
- Description: 12-Way F Kaizen 0.64 (BK)

### Terminal Part Information

- Pins: 1
- Terminal/Tray: 15304722/8
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-5 (PU)
- Pins: 2-5, 7, 9-12
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

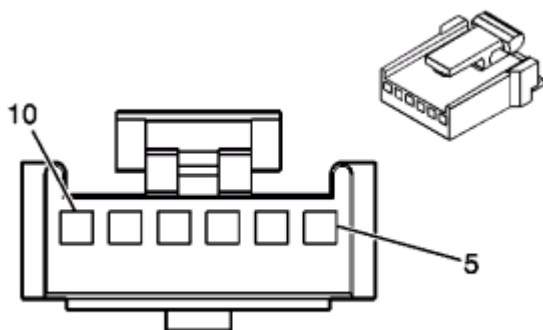
### Rearview Camera Image Display Module (UVC)

Pin	Wire	Circuit	Function
1	0.5 L-GN	24	Backup Lamp Supply Voltage
2	0.35 PK	239	Ignition Voltage
3	0.35 BK	650	Ground
4	0.35 OG	6201	Camera Reference Signal
5	0.35 TN/BK	6202	Ground
6	—	—	Not Used
7	0.35 BARE	6974	Drain
8	—	—	Not Used

9	0.35 WH	6798	Camera Video Signal
10	0.35 BARE	6799	Camera Shield
11	0.35 L-BU	6973	Camera Signal #2
12	0.35 PK	6972	Camera Signal #2 +

## Unknown - Recirculation Actuator

Recirculation Actuator



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### Connector Part Information

- OEM: 12064993
- Service: 12102485
- Description: 6-Way F Micro-Pack 100 Series (BK)

### Terminal Part Information

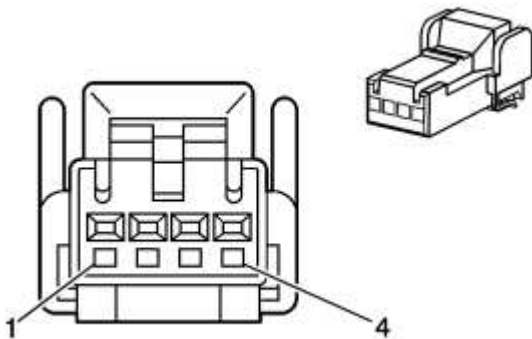
- Terminal/Tray: 12146447/3
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12031876-1/J-35616-6 (BN)


## Recirculation Actuator

Pin	Wire	Circuit	Function
5	0.35 D-GN	1614	Recirculation Door Control B
6	0.35 TN/BK	2274	Recirculation Door Control A
7	—	—	Not Used
8	0.35 YE	1791	Low Reference
9	0.35 PU	1838	Recirculation Door Position Signal
10	0.35 GY	598	5-Volt Reference

**Unknown - Remote Control Door Lock Receiver (RCDLR)**

Remote Control Door Lock Receiver (RCDLR)



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**Connector Part Information**

- OEM: 15462684
- Service: 88988745
- Description: 4-Way F ILAG5 Series (GN)

**Terminal Part Information**

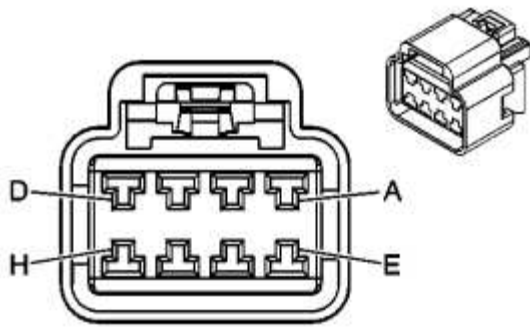
- Terminal/Tray: IL-AG5-C1-5000/20
- Core/Insulation Crimp: K/K
- Release Tool/Test Probe: J-38125-211/J-35616-64B (L-BU)

**Remote Control Door Lock Receiver (RCDLR)**

Pin	Wire	Circuit	Function
1	0.35 RD/WH	1840	Battery Positive Voltage
2	0.35 D-GN	5060	Low Speed GMLAN Serial Data
3	—	—	Not Used
4	0.35 BK	650	Ground

**Unknown - Seat Adjuster Switch - Driver (AG1)**

Seat Adjuster Switch - Driver (AG1)



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### Connector Part Information

- OEM: 15326924
- Service: 15306174
- Description: 8-Way F GT 280 Series (BK)

### Terminal Part Information

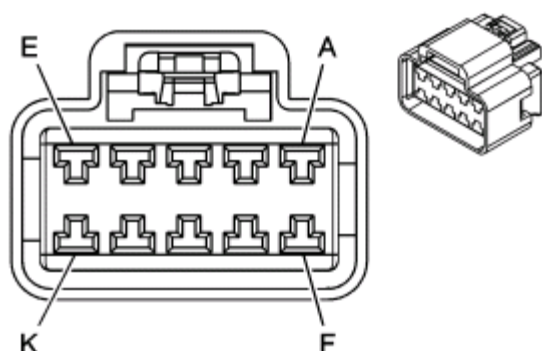
- Terminal/Tray: 15304713/19
- Core/Insulation Crimp: Pins A-C, E-H - 4/4
- Core/Insulation Crimp: Pins B, D - F/D
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

### Seat Adjuster Switch - Driver (AG1)

Pin	Wire	Circuit	Function
A	2 D-GN	286	Driver Seat Front Vertical Motor Up Control
B	3 BK	550	Ground (without KA1)
	2 BK	550	Ground (KA1)
C	2 TN	285	Driver Seat Horizontal Motor Forward Control
D	3 RD/WH	1140	Battery Positive Voltage
E	2 YE	282	Driver Seat Rear Vertical Motor Up Control
F	2 L-GN	284	Driver Seat Horizontal Motor Rearward Control
G	2 L-BU	283	Driver Seat Rear Vertical Motor Down Control
H	2 D-BU	287	Driver Seat Front Vertical Motor Down Control

### Unknown - Seat Adjuster Switch - Driver (AG3)

Seat Adjuster Switch - Driver (AG3)



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### Connector Part Information

- OEM: 15326931
- Service: 15306309
- Description: 10-Way F GT 280 Series (BK)

### Terminal Part Information

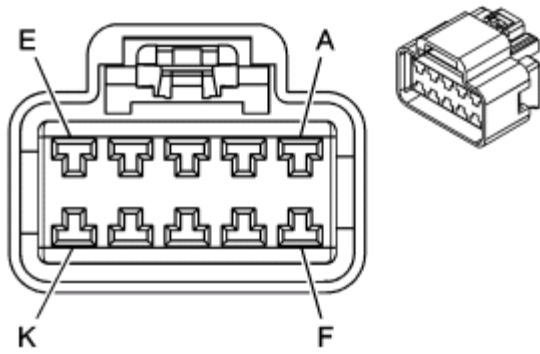
- Terminal/Tray: 15304711/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

### Seat Adjuster Switch - Driver (AG3)

Pin	Wire	Circuit	Function
A	0.35 D-GN	1518	Power Seat Front Vertical Up Switch Signal
B	—	—	Not Used
C	0.35 L-GN	1523	Power Seat Horizontal Rearward Switch Signal
D	0.35 TN	1522	Power Seat Horizontal Forward Switch Signal
E	0.35 PU/WH	6205	Driver Position Switch High Reference
F	0.35 YE	1519	Power Seat Rear Vertical Up Switch Signal
G	0.35 D-GN/WH	1270	Power Seat Recline Rearward Switch Signal
H	0.35 GY/BK	1269	Power Seat Recline Forward Switch Signal
J	0.35 L-BU	1521	Power Seat Rear Vertical Down Switch Signal
K	0.35 D-BU	1520	Power Seat Front Vertical Down Switch Signal

### Unknown - Seat Adjuster Switch - Driver (AH5)

## Seat Adjuster Switch - Driver (AH5)



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## Connector Part Information

- OEM: 15326931
- Service: 15306309
- Description: 10-Way F GT 280 Series (BK)

## Terminal Part Information

- Pins: A-F, J, K
- Terminal/Tray: 15304713/19
- Core/Insulation Crimp: Pins A-D, F, J, K - 4/4
- Core/Insulation Crimp: Pins E - F/D
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: G, H
- Terminal/Tray: 15304711/8
- Core/Insulation Crimp: 2/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

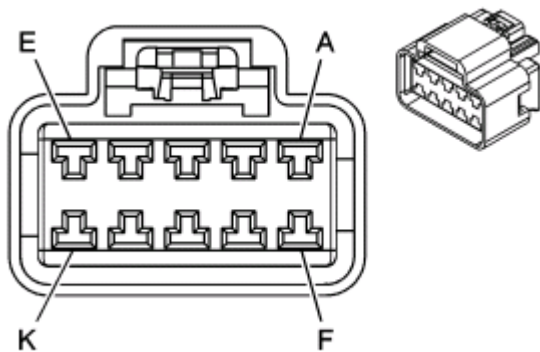
## Seat Adjuster Switch - Driver (AH5)

Pin	Wire	Circuit	Function
A	2 D-GN	286	Driver Seat Front Vertical Motor Up Control
B	2 BK	550	Ground
C	2 L-GN	284	Driver Seat Horizontal Motor Rearward Control
D	2 TN	285	Driver Seat Horizontal Motor Forward Control
E	3 RD/WH	1140	Battery Positive Voltage
F	2 YE	282	Driver Seat Rear Vertical Motor Up Control
G	1 L-BU	277	Driver Seat Recline Motor Rearward Control

H	1 L-GN	276	Driver Seat Recline Motor Forward Control
J	2 L-BU	283	Driver Seat Rear Vertical Motor Down Control
K	2 D-BU	287	Driver Seat Front Vertical Motor Down Control

### Unknown - Seat Adjuster Switch - Passenger (AAQ)

Seat Adjuster Switch - Passenger (AAQ)



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### Connector Part Information

- OEM: 15326931
- Service: 15306309
- Description: 10-Way F GT 280 Series (BK)

### Terminal Part Information

- Pins: B-E
- Terminal/Tray: 15304713/19
- Core/Insulation Crimp: Pins B, E - F/D
- Core/Insulation Crimp: Pins C, D - 4/4
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: G, H
- Terminal/Tray: 15304711/8
- Core/Insulation Crimp: 2/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

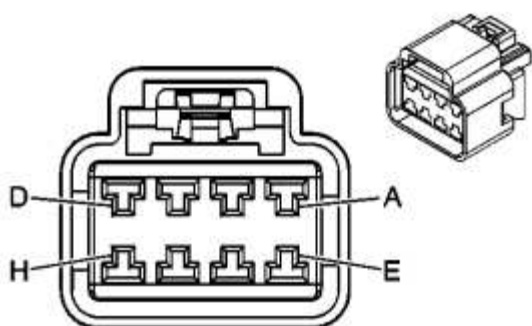
### Seat Adjuster Switch - Passenger (AAQ)

Pin	Wire	Circuit	Function
A	-	-	Not Used

B	3 BK	750	Ground
C	2 L-GN	290	Passenger Seat Horizontal Motor Rearward Control
D	2 TN	296	Passenger Seat Horizontal Motor Forward Control
E	3 RD/WH	3040	Battery Positive Voltage
F	—	—	Not Used
G	1 D-BU	77	Passenger Seat Recline Motor Rearward
H	1 D-GN	76	Passenger Seat Recline Motor Forward
J-K	—	—	Not Used

### Unknown - Seat Adjuster Switch - Passenger (AG2)

Seat Adjuster Switch - Passenger (AG2)



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#### Connector Part Information

- OEM: 15326924
- Service: 15306174
- Description: 8-Way F GT 280 Series (BK)

#### Terminal Part Information

- Pins: B-D, F
- Terminal/Tray: 15304713/19
- Core/Insulation Crimp: Pins B, D - F/D
- Core/Insulation Crimp: Pins C, F - 4/4
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

### Seat Adjuster Switch - Passenger (AG2)

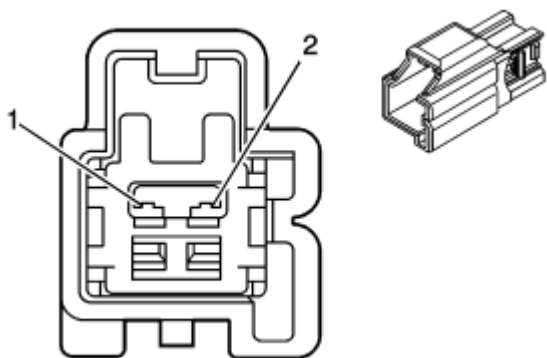
Pin	Wire	Circuit	Function
-----	------	---------	----------



A	—	—	Not Used
B	3 BK	750	Ground
C	2 TN	296	Passenger Seat Horizontal Motor Forward Control
D	3 RD/WH	3040	Battery Positive Voltage
E	—	—	Not Used
F	2 L-GN	290	Passenger Seat Horizontal Motor Rearward Control
G-H	—	—	Not Used

### Unknown - Seat Belt Buckle - Driver

Seat Belt Buckle - Driver



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### Connector Part Information

- OEM: 7282-6443-40
- Service: See Catalog
- Description: 2-Way M 1.5 Series (L-GY)

### Terminal Part Information

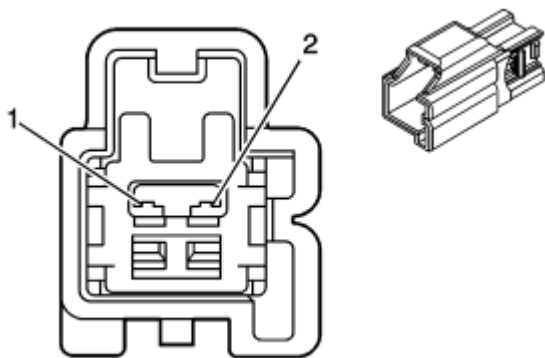
- Terminal/Tray: 7114-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-3 (GY)

### Seat Belt Buckle - Driver

Pin	Wire	Circuit	Function
1	0.35 D-GN	5016	Seat Belt Switch - Left - Signal
2	0.35 PK	5057	Low Reference

**Unknown - Seat Belt Buckle - Passenger**

Seat Belt Buckle - Passenger



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**Connector Part Information**

- OEM: 7282-6443-40
- Service: See Catalog
- Description: 2-Way M 1.5 Series (L-GY)

**Terminal Part Information**

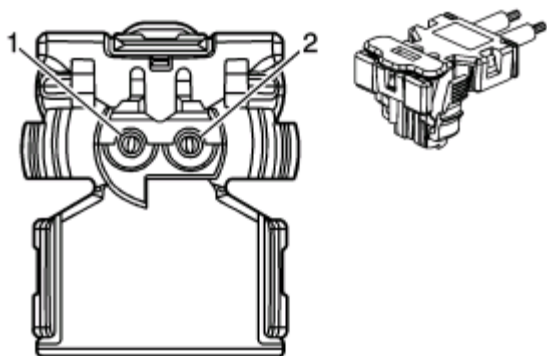
- Terminal/Tray: 7114-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-3 (GY)


**Seat Belt Buckle - Passenger**

Pin	Wire	Circuit	Function
1	0.35 OG	1362	Seat Belt Switch - Right - Signal
2	0.35 PK	5057	Low Reference

**Unknown - Seat Belt Pretensioner - Driver**

Seat Belt Pretensioner - Driver



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### Connector Part Information

- OEM: 54560236
- Service: See Catalog
- Description: 2-Way F FFB90-4 Type B (GY)

### Terminal Part Information

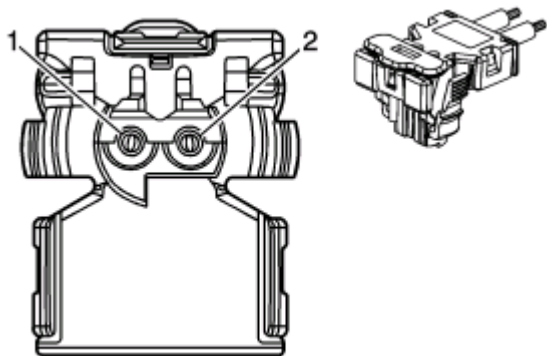
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: See Terminal Repair Kit

### Seat Belt Pretensioner - Driver

Pin	Wire	Circuit	Function
1	0.5 TN/WH	2118	Seat Belt Pretensioner - Left - High Control
2	0.5 OG/BK	2119	Seat Belt Pretensioner - Left - Low Control

### Unknown - Seat Belt Pretensioner - Passenger

Seat Belt Pretensioner - Passenger



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### Connector Part Information

- OEM: 54560236
- Service: See Catalog
- Description: 2-Way F FFB90-4 Type B (GY)

### Terminal Part Information

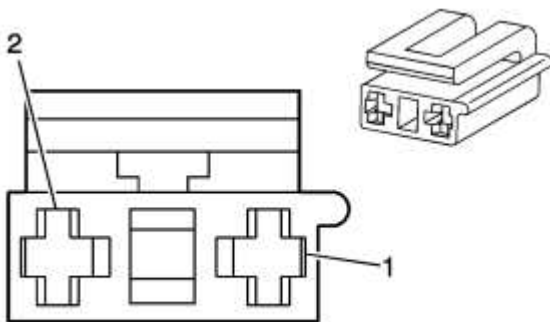
- Terminal/Tray: Service With Pigtail
- Core/Insulation Crimp: N/A
- Release Tool/Test Probe: See Terminal Repair Kit


### Seat Belt Pretensioner - Passenger

Pin	Wire	Circuit	Function
1	0.5 L-GN	2116	Seat Belt Pretensioner - Right - High Control
2	0.5 OG	2117	Seat Belt Pretensioner - Right - Low Control

### Unknown - Seat Front Vertical Motor - Driver (AG1 or AG3 or AH5)

Seat Front Vertical Motor - Driver (AG1 or AG3 or AH5)



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### Connector Part Information

- OEM: 623346-1
- Service: See Catalog
- Description: 2-Way F (GY)

**Terminal Part Information**

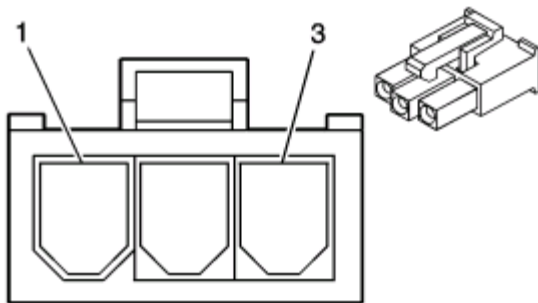
- Terminal/Tray: 4-965999-1/25
- Core/Insulation Crimp: 4/A
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

**Seat Front Vertical Motor - Driver (AG1 or AG3 or AH5)**

Pin	Wire	Circuit	Function
1	2 D-GN	286	Driver Seat Front Vertical Motor Up Control (AG1 or AH5)
	1 D-GN	286	Driver Seat Front Vertical Motor Up Control (AG3)
2	2 D-BU	287	Driver Seat Front Vertical Motor Down Control (AG1 or AH5)
	1 D-BU	287	Driver Seat Front Vertical Motor Down Control (AG3)

**Unknown - Seat Front Vertical Motor Position Sensor - Driver (AG3)**

Seat Front Vertical Motor Position Sensor - Driver (AG3)



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**Connector Part Information**

- OEM: 39-01-4030
- Service: See Catalog
- Description: 3-Way F Mini-Fit Series (NA)

**Terminal Part Information**

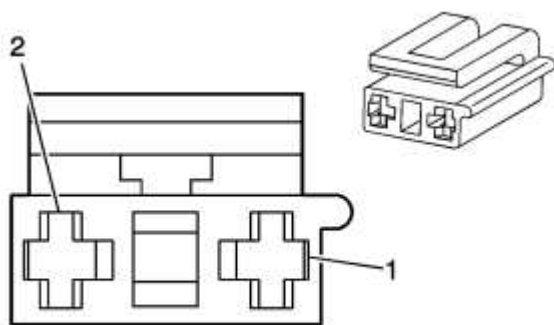
- Terminal/Tray: 39-00-0059/28
- Core/Insulation Crimp: K/K
- Release Tool/Test Probe: J-38125-560/J-35616-12 (BU)

### Seat Front Vertical Motor Position Sensor - Driver (AG3)

Pin	Wire	Circuit	Function
1	0.35 TN	6207	5-Volt Reference
2	0.35 BN/WH	557	Front Vertical Seat Motor Position Sensor Signal
3	0.35 GY	6206	Low Reference

### Unknown - Seat Horizontal Motor - Driver (AG1 or AG3 or AH5)

Seat Horizontal Motor - Driver (AG1 or AG3 or AH5)



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#### Connector Part Information

- OEM: 623346-1
- Service: See Catalog
- Description: 2-Way F (GY)

#### Terminal Part Information

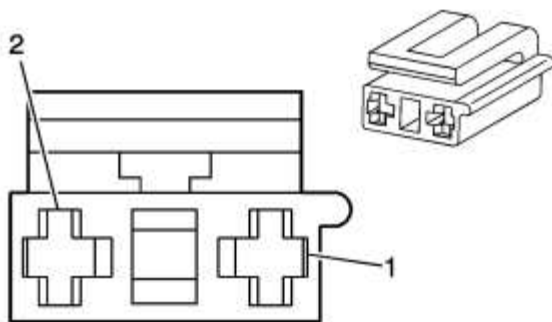
- Terminal/Tray: 4-965999-1/25
- Core/Insulation Crimp: 4/A
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

### Seat Horizontal Motor - Driver (AG1 or AG3 or AH5)

Pin	Wire	Circuit	Function
1	2 TN	285	Driver Seat Horizontal Motor Forward Control (AG1 or AH5)
	1 TN	285	Driver Seat Horizontal Motor Forward Control (AG3)
2	2 L-GN	284	Driver Seat Horizontal Motor Rearward Control (AG1 or AH5)
	1 L-GN	284	Driver Seat Horizontal Motor Rearward Control (AG3)

### Unknown - Seat Horizontal Motor - Passenger (AAQ or AG2)

Seat Horizontal Motor - Passenger (AAQ or AG2)



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#### Connector Part Information

- OEM: 623346-1
- Service: See Catalog
- Description: 2-Way F (GY)

#### Terminal Part Information

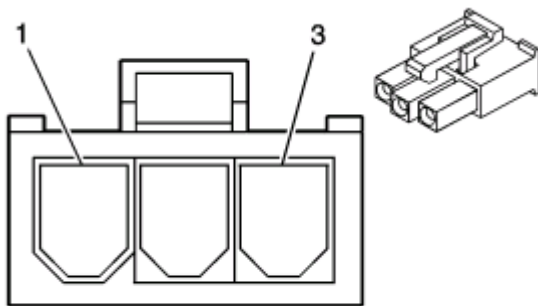
- Terminal/Tray: 4-965999-1/25
- Core/Insulation Crimp: 4/A
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

### Seat Horizontal Motor - Passenger (AAQ or AG2)

Pin	Wire	Circuit	Function
1	2 TN	296	Passenger Seat Horizontal Motor Forward Control
2	2 L-GN	290	Passenger Seat Horizontal Motor Rearward Control

## Unknown - Seat Horizontal Motor Position Sensor - Driver (AG3)

Seat Horizontal Motor Position Sensor - Driver (AG3)



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### Connector Part Information

- OEM: 39-01-4030
- Service: See Catalog
- Description: 3-Way F Mini-Fit Series (NA)

### Terminal Part Information

- Terminal/Tray: 39-00-0059/28
- Core/Insulation Crimp: K/K
- Release Tool/Test Probe: J-38125-560/J-35616-12 (BU)

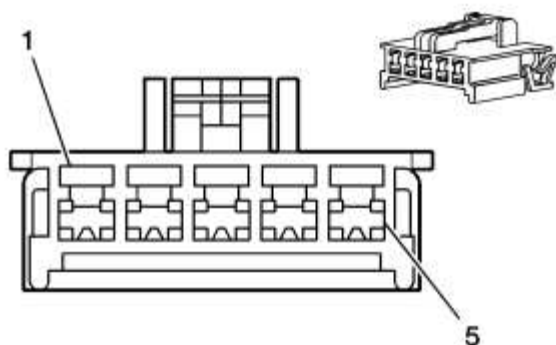
## Seat Horizontal Motor Position Sensor - Driver (AG3)

Pin	Wire	Circuit	Function
1	0.35 TN	6207	5-Volt Reference
2	0.35 D-GN	569	Horizontal Seat Motor Position Sensor Signal
3	0.35 GY	6206	Low Reference

## Unknown - Seat Lumbar Horizontal Motor - Driver (AG3)

Seat Lumbar Horizontal Motor - Driver (AG3)





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### Connector Part Information

- OEM: 6098-2180
- Service: 88988384
- Description: 5-Way F 090 Series (BK)

### Terminal Part Information

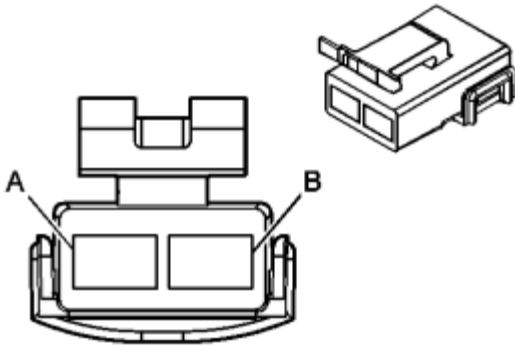
- Pins: 1, 5
- Terminal/Tray: 8240-4422/6
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-14 (GN)
- Pins: 2-4
- Terminal/Tray: 8240-4412/22
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-14 (GN)

### Seat Lumbar Horizontal Motor - Driver (AG3)

Pin	Wire	Circuit	Function
1	1 D-BU	611	Driver Seat Lumbar Motor Forward Control
2	0.35 GY	6206	Low Reference
3	0.35 YE	1063	Driver Seat Lumbar Horizontal Position Sensor Signal
4	0.35 TN	6207	5-Volt Reference
5	1 PK	610	Driver Seat Lumbar Motor Rearward Control

### Unknown - Seat Lumbar Horizontal Motor - Driver (AH5)

## Seat Lumbar Horizontal Motor - Driver (AH5)



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**Connector Part Information**

- OEM: 12020556
- Service: 12101820
- Description: 2-Way F Metri-Pack 480 Series (BK)

**Terminal Part Information**

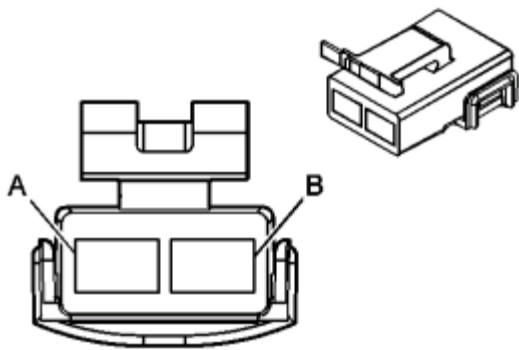
- Terminal/Tray: 12084595/2
- Core/Insulation Crimp: F/G
- Release Tool/Test Probe: 12094430/J-35616-40 (BU)

**Seat Lumbar Horizontal Motor - Driver (AH5)**

Pin	Wire	Circuit	Function
A	2 D-BU	611	Driver Seat Lumbar Motor Forward Control
B	2 PK	610	Driver Seat Lumbar Motor Rearward Control

**Unknown - Seat Lumbar Horizontal Motor - Passenger (AAQ)**

Seat Lumbar Horizontal Motor - Passenger (AAQ)



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### Connector Part Information

- OEM: 12020556
- Service: 12101820
- Description: 2-Way F Metri-Pack 480 Series (BK)

### Terminal Part Information

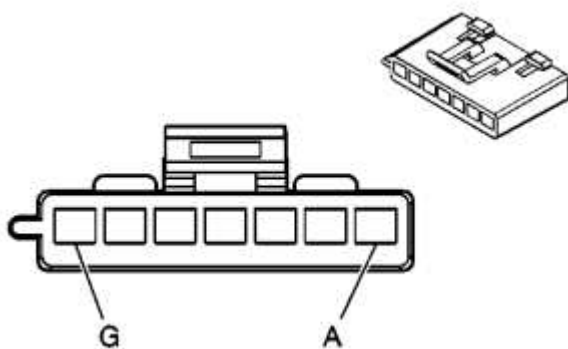
- Terminal/Tray: 12084595/2
- Core/Insulation Crimp: F/G
- Release Tool/Test Probe: 12094430/J-35616-40 (BU)

### Seat Lumbar Horizontal Motor - Passenger (AAQ)

Pin	Wire	Circuit	Function
A	2 D-BU	211	Passenger Seat Lumbar Motor Forward Control
B	2 WH	210	Passenger Seat Lumbar Motor Rearward Control

### Unknown - Seat Lumbar Switch - Driver (AG3)

Seat Lumbar Switch - Driver (AG3)



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### Connector Part Information

- OEM: 12052854
- Service: 88953358
- Description: 7-Way F Metri-Pack 280 Series (BK)

### Terminal Part Information

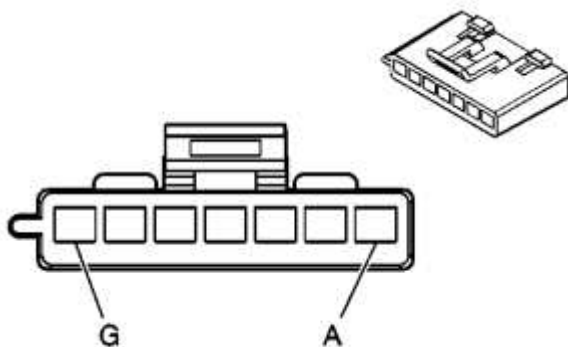
- Terminal/Tray: 12034046/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)


### Seat Lumbar Switch - Driver (AG3)

Pin	Wire	Circuit	Function
A	0.35 YE	1065	Driver Seat Lumbar Forward Switch Signal
B	0.35 YE/BK	1067	Driver Seat Lumbar Down Switch Signal
C	0.35 WH	1066	Driver Seat Lumbar Up Switch Signal
D-E	—	—	Not Used
F	0.35 D-BU	1064	Driver Seat Lumbar Rearward Switch Signal
G	0.35 PU/WH	6205	Driver Position Switch High Reference (AG3)

### Unknown - Seat Lumbar Switch - Driver (AH5)

Seat Lumbar Switch - Driver (AH5)



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### Connector Part Information

- OEM: 12052854
- Service: 88953358
- Description: 7-Way F Metri-Pack 280 Series (BK)

### Terminal Part Information

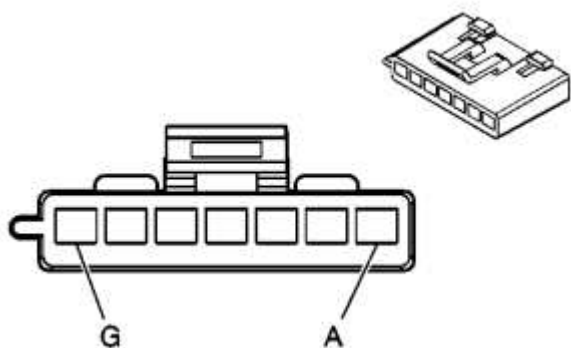
- Terminal/Tray: 12015858/4
- Core/Insulation Crimp: F/G
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

### Seat Lumbar Switch - Driver (AH5)

Pin	Wire	Circuit	Function
A	2 D-BU	611	Driver Seat Lumbar Motor Forward Control
B	2 PU	767	Driver Seat Lumbar Motor Down Control
C	2 TN	768	Driver Seat Lumbar Motor Up Control
D	—	—	Not Used
E	3 BK	550	Ground
F	2 PK	610	Driver Seat Lumbar Motor Rearward Control
G	3 RD/WH	1140	Battery Positive Voltage

### Unknown - Seat Lumbar Switch - Passenger (AAQ)

Seat Lumbar Switch - Passenger (AAQ)



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### Seat Lumbar Switch - Passenger (AAQ)

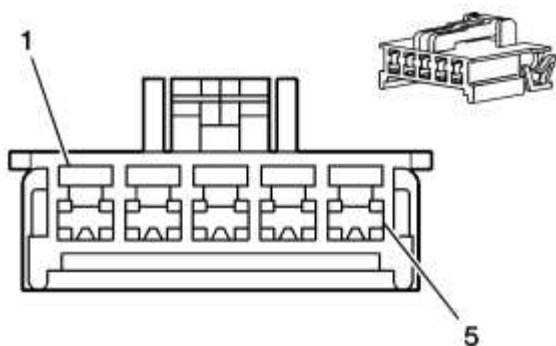
Pin	Wire	Circuit	Function
A	2 D-BU	611	Passenger Seat Lumbar Motor Forward Control

- Description: 7-Way F Metri-Pack 280 Series (BK)

B	2 OG	792	Passenger Seat Lumbar Motor Down Control
C	2 PK	793	Passenger Seat Lumbar Motor Up Control
D	—	—	Not Used
E	3 BK	750	Ground
F	2 WH	210	Passenger Seat Lumbar Motor Rearward Control
G	3 RD/WH	3040	Battery Positive Voltage

### Unknown - Seat Lumbar Vertical Motor - Driver (AG3 or AH5)

Seat Lumbar Vertical Motor - Driver (AG3 or AH5)



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#### Connector Part Information

- OEM: 6098-2180
- Service: 88988384
- Description: 5-Way F 090 Series (BK)

#### Terminal Part Information

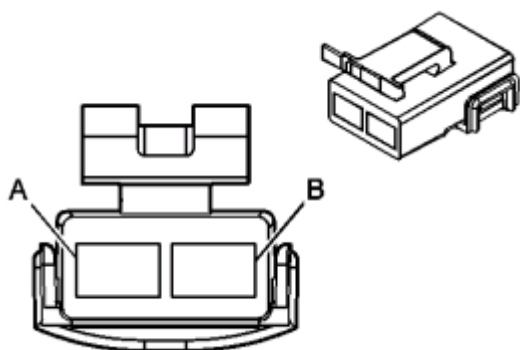
- Pins: 1, 5
- Terminal/Tray: 8240-4422/6
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-14 (GN)
- Pins: 2-4
- Terminal/Tray: 8240-4412/22
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-14 (GN)

### Seat Lumbar Vertical Motor - Driver (AG3 or AH5)

Pin	Wire	Circuit	Function
1	2 PU	767	Driver Seat Lumbar Motor Down Control
2	0.35 GY	6206	Low Reference
3	0.35 TN	1062	Driver Seat Lumbar Vertical Position Sensor Signal
4	0.35 TN	6207	5-Volt Reference
5	2 TN	768	Driver Seat Lumbar Motor Up Control

### Unknown - Seat Lumbar Vertical Motor - Passenger (AAQ)

Seat Lumbar Vertical Motor - Passenger (AAQ)



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#### Connector Part Information

- OEM: 12020556
- Service: 12101820
- Description: 2-Way F Metri-Pack 480 Series (BK)

#### Terminal Part Information

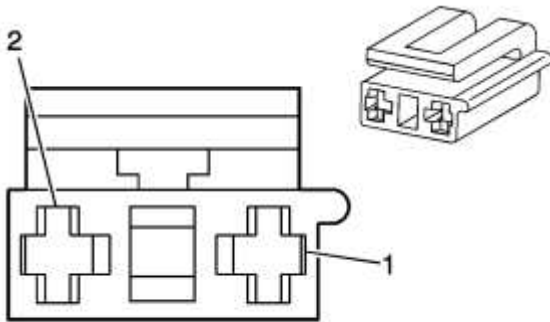
- Terminal/Tray: 12084595/2
- Core/Insulation Crimp: F/G
- Release Tool/Test Probe: 12094430/J-35616-40 (BU)

### Seat Lumbar Vertical Motor - Passenger (AAQ)

Pin	Wire	Circuit	Function
A	2 PK	793	Passenger Seat Lumbar Motor Up Control
B	2 OG	792	Passenger Seat Lumbar Motor Down Control

## Unknown - Seat Rear Vertical Motor - Driver (AG1 or AG3 or AH5)

Seat Rear Vertical Motor - Driver (AG1 or AG3 or AH5)



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### Connector Part Information

- OEM: 623346-1
- Service: See Catalog
- Description: 2-Way F (GY)

### Terminal Part Information

- Terminal/Tray: 4-965999-1/25
- Core/Insulation Crimp: 4/A
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

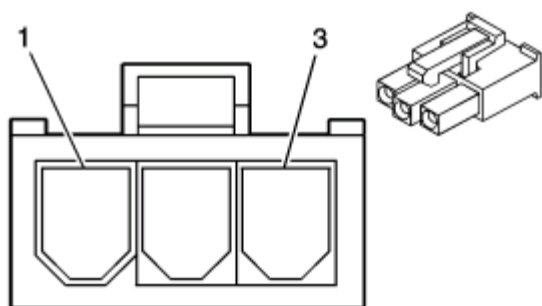
## Seat Rear Vertical Motor - Driver (AG1 or AG3 or AH5)

Pin	Wire	Circuit	Function
1	2 YE	282	Driver Seat Rear Vertical Motor Up Control (AG1 or AH5)
	1 YE	282	Driver Seat Rear Vertical Motor Up Control (AG3)
2	2 L-BU	283	Driver Seat Rear Vertical Motor Down Control (AG1 or AH5)
	1 L-BU	283	Driver Seat Rear Vertical Motor Down Control (AG3)

## Unknown - Seat Rear Vertical Motor Position Sensor - Driver (AG3)

Seat Rear Vertical Motor Position Sensor - Driver (AG3)





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### Connector Part Information

- OEM: 39-01-4030
- Service: See Catalog
- Description: 3-Way F Mini-Fit Series (NA)

### Terminal Part Information

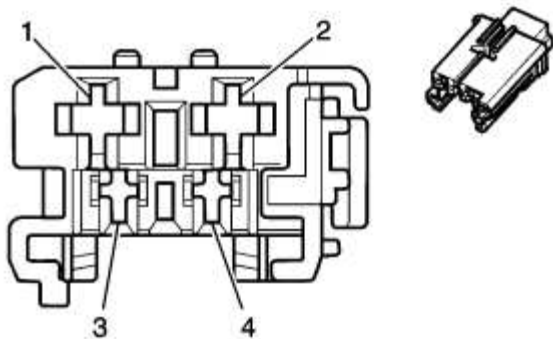
- Terminal/Tray: 39-00-0059/28
- Core/Insulation Crimp: K/K
- Release Tool/Test Probe: J-38125-560/J-35616-12 (BU)

### Seat Rear Vertical Motor Position Sensor - Driver (AG3)

Pin	Wire	Circuit	Function
1	0.35 TN	6207	5-Volt Reference
2	0.35 TN	568	Rear Vertical Seat Motor Position Sensor Signal
3	0.35 GY	6206	Low Reference

### Unknown - Seat Recline Motor - Driver (AG3 or AH5)

Seat Recline Motor - Driver (AG3 or AH5)



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### Connector Part Information

- OEM: 1326490-3
- Service: See Catalog
- Description: 4-Way F JR-POWER MICRO III (GY)

### Terminal Part Information

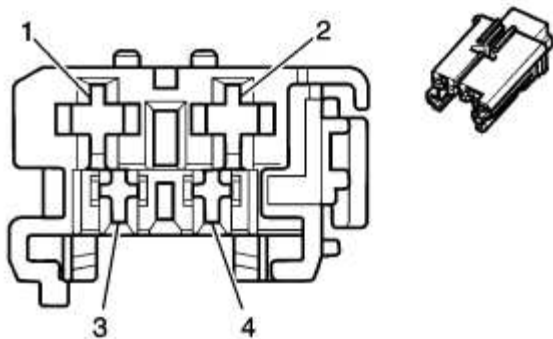
- Terminal/Tray: 4-965999-1/25
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

### Seat Recline Motor - Driver (AG3 or AH5)

Pin	Wire	Circuit	Function
1	1 L-BU	277	Driver Seat Recline Motor Rearward Control
2	1 L-GN	276	Driver Seat Recline Motor Forward Control
3-4	—	—	Not Used

### Unknown - Seat Recline Motor - Passenger (AAQ)

Seat Recline Motor - Passenger (AAQ)



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### Connector Part Information

- OEM: 1326490-3
- Service: See Catalog
- Description: 4-Way F JR-POWER MICRO III (GY)

### Terminal Part Information

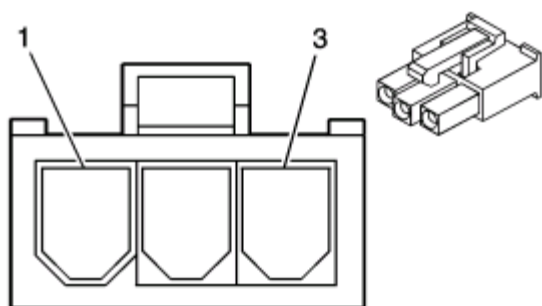
- Terminal/Tray: 4-965999-1/25
- Core/Insulation Crimp: C/A
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

### Seat Recline Motor - Passenger (AAQ)

Pin	Wire	Circuit	Function
1	1 D-BU	77	Passenger Seat Recline Motor Rearward
2	1 D-GN	76	Passenger Seat Recline Motor Forward
3-4	—	—	Not Used

### Unknown - Seat Recline Position Sensor - Driver (AG3)

Seat Recline Position Sensor - Driver (AG3)



 [Click here for full size](#)

### Connector Part Information

- OEM: 39-01-4030
- Service: See Catalog
- Description: 3-Way F Mini-Fit Series (NA)

### Terminal Part Information

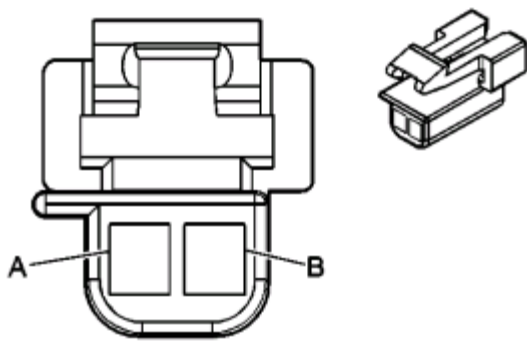
- Terminal/Tray: 39-00-0059/28
- Core/Insulation Crimp: K/K
- Release Tool/Test Probe: J-38125-560/J-35616-12 (BU)

### Seat Recline Position Sensor - Driver (AG3)

Pin	Wire	Circuit	Function
1	0.35 TN	6207	5-Volt Reference
2	0.35 WH/BK	570	Driver Seat Recline Motor Position Sensor Signal
3	0.35 GY	6206	Low Reference

### Unknown - Speaker - Center I/P (UQA or UQS)

Speaker - Center I/P (UQA or UQS)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064869
- Service: 12117323
- Description: 2-Way F Metri-Pack 150 Series (BU)

### Terminal Part Information

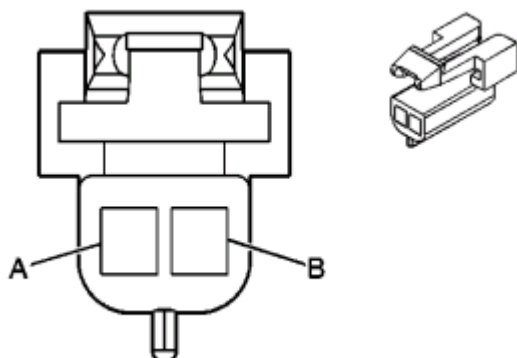
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Speaker - Center I/P (UQA or UQS)

Pin	Wire	Circuit	Function
A	0.35 L-BU	1960	Front Center Speaker Output (-)
B	0.35 YE	1860	Front Center Speaker Output (+)

### Unknown - Speaker - Center I/P (UQG)

Speaker - Center I/P (UQG)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

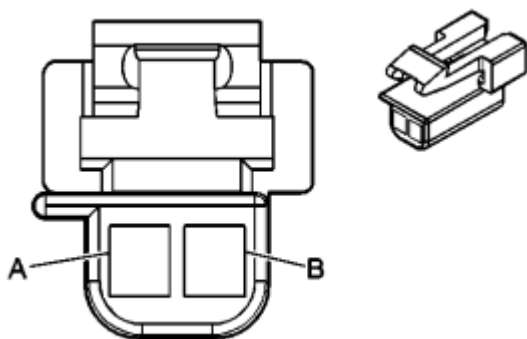
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)


### Speaker - Center I/P (UQG)

Pin	Wire	Circuit	Function
A	0.35 L-BU	1960	Front Center Speaker Output (-)
B	0.35 YE	1860	Front Center Speaker Output (+)

### Unknown - Speaker - Left Front (UQA or UQS)

Speaker - Left Front (UQA or UQS)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064869
- Service: 12117323
- Description: 2-Way F Metri-Pack 150 Series (BU)

**Terminal Part Information**

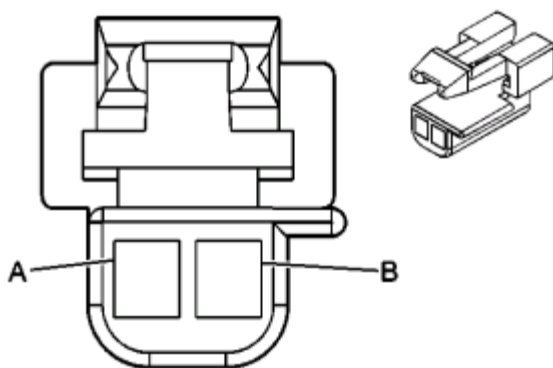
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

**Speaker - Left Front (UQA or UQS)**

Pin	Wire	Circuit	Function
A	0.8 GY	118	Left Front Speaker Output (-)
B	0.8 TN	201	Left Front Speaker Output (+)

**Unknown - Speaker - Left Front (UQF)**

Speaker - Left Front (UQF)



[Click here for full size](#)

**Connector Part Information**

- OEM: 12064867
- Service: 88987981
- Description: 2-Way F Metri-Pack 150 Series (NA)

**Terminal Part Information**

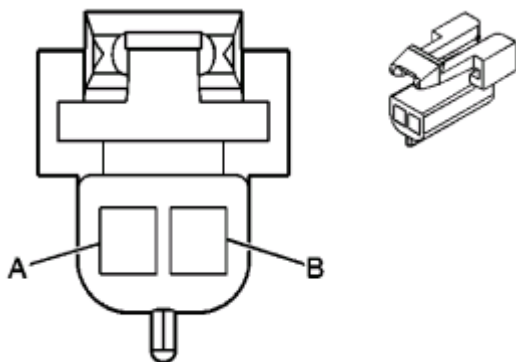
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

**Speaker - Left Front (UQF)**

Pin	Wire	Circuit	Function
A	0.8 GY	118	Left Front Speaker Output (-)
B	0.8 TN	201	Left Front Speaker Output (+)

### Unknown - Speaker - Left Front (UQG)

Speaker - Left Front (UQG)



[Click here for full size](#)

### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

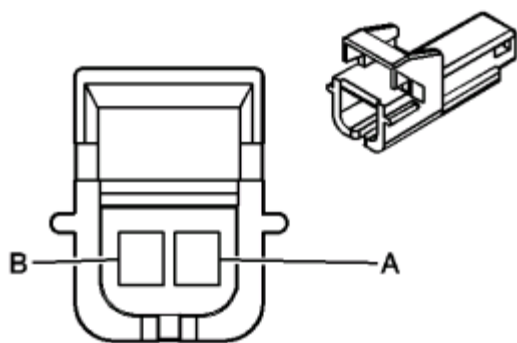
### Speaker - Left Front (UQG)

Pin	Wire	Circuit	Function
A	0.8 GY	118	Left Front Speaker Output (-)
B	0.8 TN	201	Left Front Speaker Output (+)

### Unknown - Speaker - Left Front Tweeter

Speaker - Left Front Tweeter





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### Connector Part Information

- OEM: 12052833
- Service: 12117275
- Description: 2-Way M Metri-Pack 150 Series (BK)

### Terminal Part Information

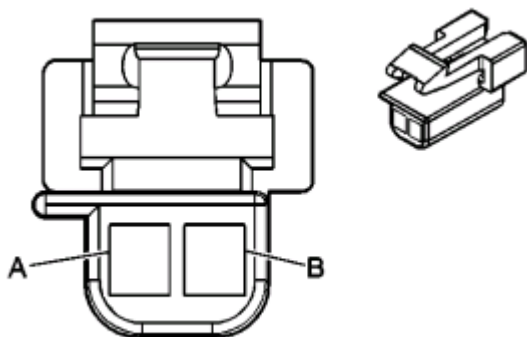
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

### Speaker - Left Front Tweeter

Pin	Wire	Circuit	Function
A	0.8 GY	118	Left Front Speaker Output (-)
B	0.8 TN	201	Left Front Speaker Output (+)

### Unknown - Speaker - Left Rear (UQA or UQS)

Speaker - Left Rear (UQA or UQS)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064869
- Service: 12117323
- Description: 2-Way F Metri-Pack 150 Series (BU)

### Terminal Part Information

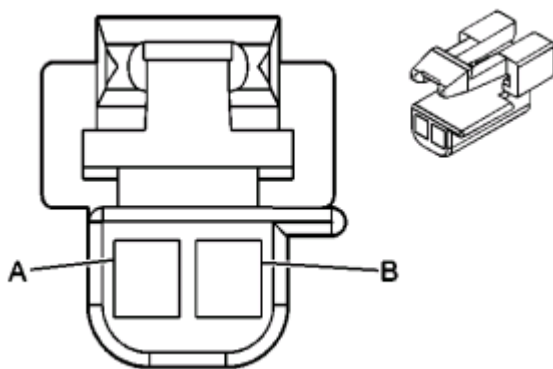
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Speaker - Left Rear (UQA or UQS)

Pin	Wire	Circuit	Function
A	0.8 YE	116	Left Rear Speaker Output (-)
B	0.8 BN	199	Left Rear Speaker Output (+)

### Unknown - Speaker - Left Rear (UQF)

Speaker - Left Rear (UQF)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064867
- Service: 88987981
- Description: 2-Way F Metri-Pack 150 Series (NA)

**Terminal Part Information**

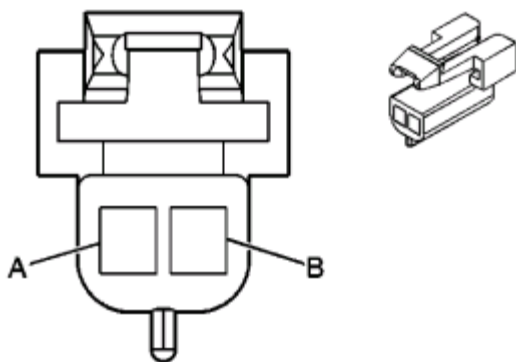
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

**Speaker - Left Rear (UQF)**

Pin	Wire	Circuit	Function
A	0.8 YE	116	Left Rear Speaker Output (-)
B	0.8 BN	199	Left Rear Speaker Output (+)

**Unknown - Speaker - Left Rear (UQG)**

Speaker - Left Rear (UQG)



[Click here for full size](#)

**Connector Part Information**

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

**Terminal Part Information**

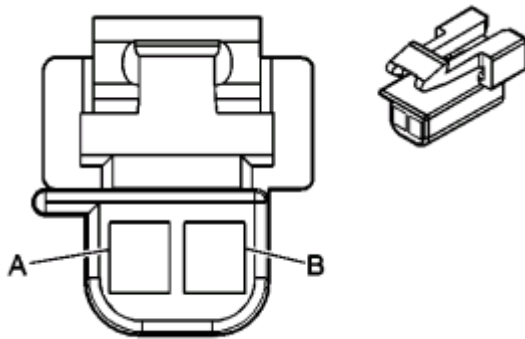
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

**Speaker - Left Rear (UQG)**

Pin	Wire	Circuit	Function
A	0.8 YE	116	Left Rear Speaker Output (-)
B	0.8 BN	199	Left Rear Speaker Output (+)

### Unknown - Speaker - Left Rear Compartment (UQA or UQS)

Speaker - Left Rear Compartment (UQA or UQS)



[Click here for full size](#)

### Connector Part Information

- OEM: 12064869
- Service: 12117323
- Description: 2-Way F Metri-Pack 150 Series (BU)

### Terminal Part Information

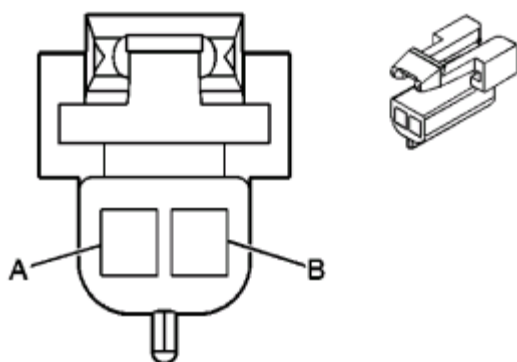
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)


### Speaker - Left Rear Compartment (UQA or UQS)

Pin	Wire	Circuit	Function
A	0.5 WH	1959	Left Rear Midrange Speaker Output (-)
B	0.5 TN	1859	Left Rear Midrange Speaker Output (+)

### Unknown - Speaker - Left Rear Compartment (UQG)

Speaker - Left Rear Compartment (UQG)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

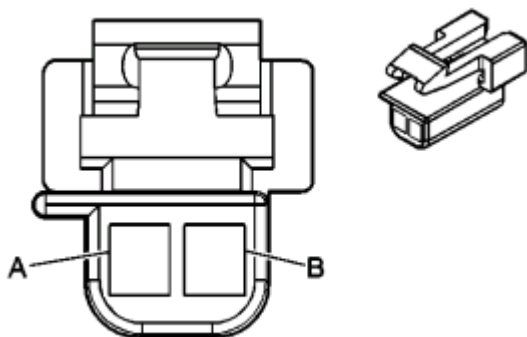
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Speaker - Left Rear Compartment (UQG)

Pin	Wire	Circuit	Function
A	0.35 WH	1959	Left Rear Midrange Speaker Output (-)
B	0.35 TN	1859	Left Rear Midrange Speaker Output (+)

### Unknown - Speaker - Right Front (UQA or UQS)

Speaker - Right Front (UQA or UQS)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064869
- Service: 12117323
- Description: 2-Way F Metri-Pack 150 Series (BU)

### Terminal Part Information

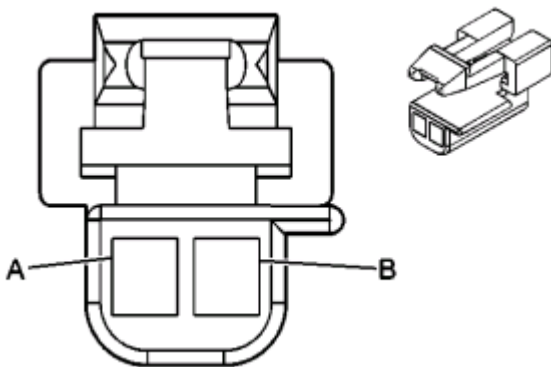
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)


### Speaker - Right Front (UQA or UQS)

Pin	Wire	Circuit	Function
A	0.8 D-GN	117	Right Front Speaker Output (-)
B	0.8 L-GN	200	Right Front Speaker Output (+)

### Unknown - Speaker - Right Front (UQF)

Speaker - Right Front (UQF)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064867
- Service: 88987981
- Description: 2-Way F Metri-Pack 150 Series (NA)

**Terminal Part Information**

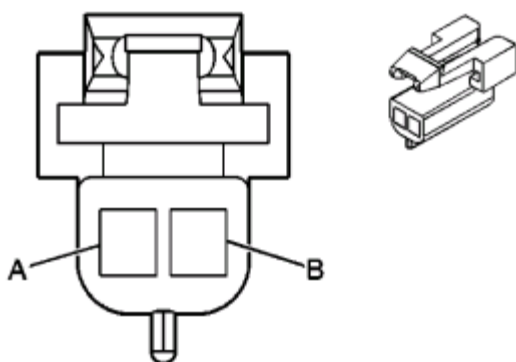
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

**Speaker - Right Front (UQF)**

Pin	Wire	Circuit	Function
A	0.8 D-GN	117	Right Front Speaker Output (-)
B	0.8 L-GN	200	Right Front Speaker Output (+)

**Speaker - Right Front (UQG) - Speaker - Right Front (UQG)**

Speaker - Right Front (UQG)



[Click here for full size](#)

**Connector Part Information**

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

**Terminal Part Information**

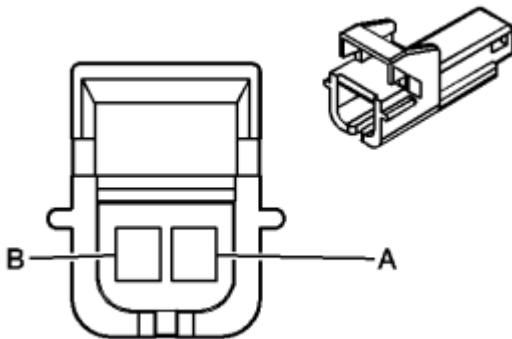
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

**Speaker - Right Front (UQG)**

Pin	Wire	Circuit	Function
A	0.8 D-GN	117	Right Front Speaker Output (-)
B	0.8 L-GN	200	Right Front Speaker Output (+)

## Speaker - Right Front Tweeter - Speaker - Right Front Tweeter

Speaker - Right Front Tweeter



[Click here for full size](#)

### Connector Part Information

- OEM: 12052833
- Service: 12117275
- Description: 2-Way M Metri-Pack 150 Series (BK)

### Terminal Part Information

- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

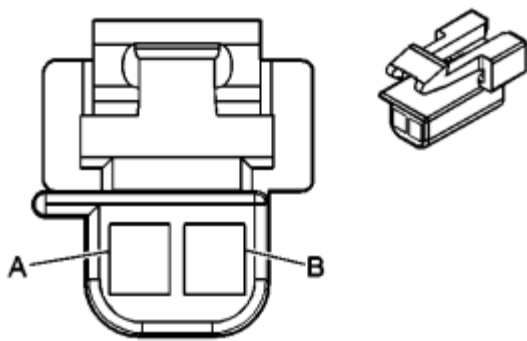
## Speaker - Right Front Tweeter

Pin	Wire	Circuit	Function
A	0.8 D-GN	117	Right Front Speaker Output (-)
B	0.8 L-GN	200	Right Front Speaker Output (+)

## Speaker - Right Rear (UQA or UQS) - Speaker - Right Rear (UQA or UQS)

Speaker - Right Rear (UQA or UQS)





 [Click here for full size](#)

### Connector Part Information

- OEM: 12064869
- Service: 12117323
- Description: 2-Way F Metri-Pack 150 Series (BU)

### Terminal Part Information

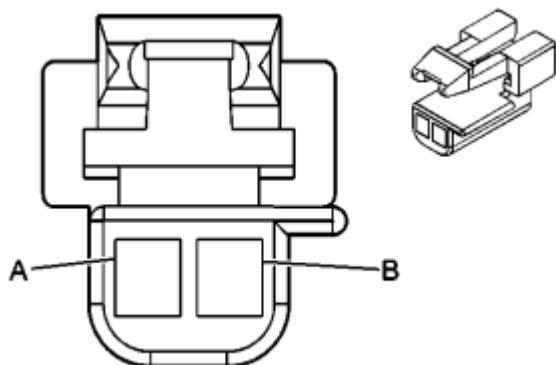
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Speaker - Right Rear (UQA or UQS)

Pin	Wire	Circuit	Function
A	0.8 L-BU	115	Right Rear Speaker Output (-)
B	0.8 D-BU	46	Right Rear Speaker Output (+)

### Speaker - Right Rear (UQF) - Speaker - Right Rear (UQF)

Speaker - Right Rear (UQF)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064867
- Service: 88987981
- Description: 2-Way F Metri-Pack 150 Series (NA)

### Terminal Part Information

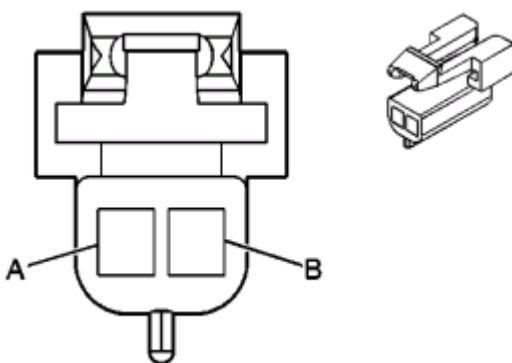
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Speaker - Right Rear (UQF)

Pin	Wire	Circuit	Function
A	0.8 L-BU	115	Right Rear Speaker Output (-)
B	0.8 D-BU	46	Right Rear Speaker Output (+)

### Speaker - Right Rear (UQG) - Speaker - Right Rear (UQG)

Speaker - Right Rear (UQG)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

**Terminal Part Information**

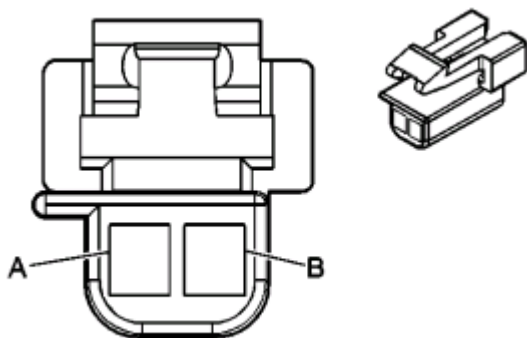
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

**Speaker - Right Rear (UQG)**

Pin	Wire	Circuit	Function
A	0.8 L-BU	115	Right Rear Speaker Output (-)
B	0.8 D-BU	46	Right Rear Speaker Output (+)

**Speaker - Right Rear Compartment (UQA or UQS) - Speaker - Right Rear Compartment (UQA or UQS)**

Speaker - Right Rear Compartment (UQA or UQS)



[Click here for full size](#)

**Connector Part Information**

- OEM: 12064869
- Service: 12117323
- Description: 2-Way F Metri-Pack 150 Series (BU)

**Terminal Part Information**

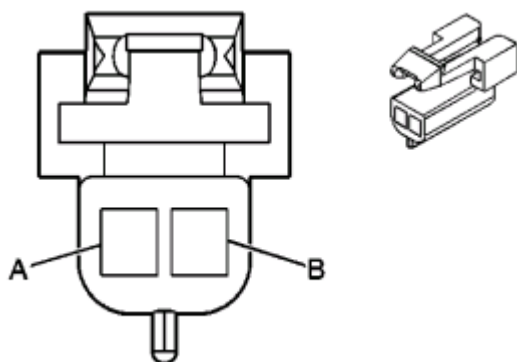
- Terminal/Tray: 12047767/2
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

**Speaker - Right Rear Compartment (UQA or UQS)**

Pin	Wire	Circuit	Function
A	0.8 WH	1959	Right Rear Midrange Speaker Output (-)
B	0.8 TN	1859	Right Rear Midrange Speaker Output (+)

### Speaker - Right Rear Compartment (UQG) - Speaker - Right Rear Compartment (UQG)

Speaker - Right Rear Compartment (UQG)



[Click here for full size](#)

#### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

#### Terminal Part Information

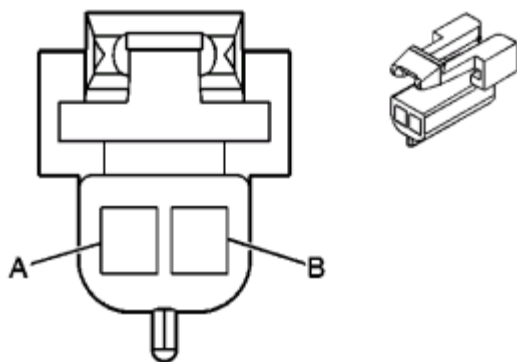
- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)


### Speaker - Right Rear Compartment (UQG)

Pin	Wire	Circuit	Function
A	0.5 WH	1959	Right Rear Midrange Speaker Output (-)
B	0.5 TN	1859	Right Rear Midrange Speaker Output (+)

### Speaker - Subwoofer (UQA or UQS) - Speaker - Subwoofer (UQA or UQS)

Speaker - Subwoofer (UQA or UQS)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12052832
- Service: 12101825
- Description: 2-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

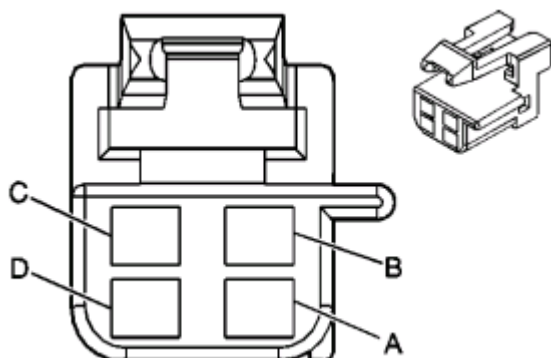
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit


### Speaker - Subwoofer (UQA or UQS)

Pin	Wire	Circuit	Function
A	1 L-GN/BK	1794	Subwoofer Speaker Output (-)
B	1 D-BU/WH	346	Subwoofer Speaker Output (+)

### Speaker - Subwoofer (UQG) - Speaker - Subwoofer (UQG)

Speaker - Subwoofer (UQG)



 [Click here for full size](#)

### Connector Part Information

- OEM: 12064760
- Service: 12085208
- Description: 4-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Speaker - Subwoofer (UQG)

Pin	Wire	Circuit	Function
A	0.5 L-GN/BK	1794	Subwoofer Speaker Output (-)
B	0.5 D-BU/WH	346	Subwoofer Speaker Output (+)
C	0.5 L-BU/BK	315	Right Subwoofer Speaker Output (-)
D	0.5 D-GN	1795	Right Subwoofer Speaker (+)

### Starter Motor X1 - Starter Motor X1

Starter Motor X1

### Connector Part Information

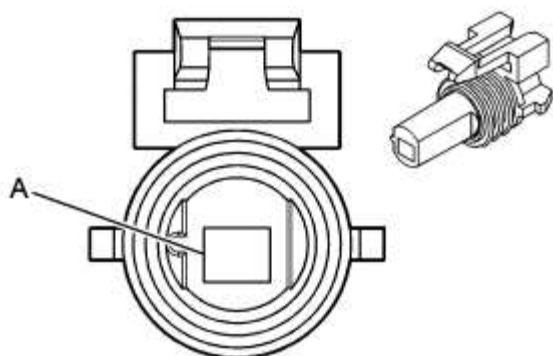
- OEM: 121465076
- Core/Insulation Crimp: N/A
- Description: Ring Terminal

### Starter Motor X1

Pin	Wire	Circuit	Function
A	32 RD	1	Battery Positive Voltage

### Starter Motor X2 - Starter Motor X2

Starter Motor X2



 [Click here for full size](#)

### Connector Part Information

- OEM: 12089916
- Service: 12101763
- Description: 1-Way F Metri-Pack 280 Series, Sealed (BK)

### Terminal Part Information

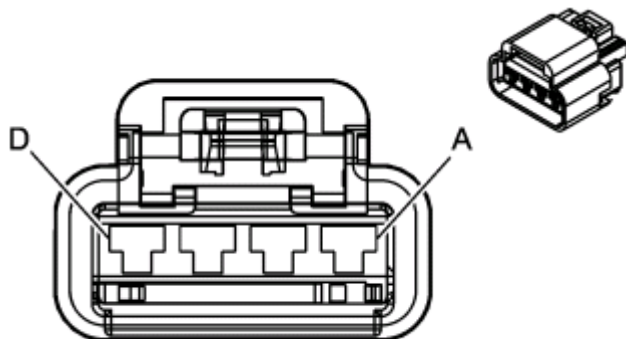
- Terminal/Tray: 12129493/2
- Core/Insulation Crimp: 4/5
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)

### Starter Motor X2

Pin	Wire	Circuit	Function
A	3 PU	6	Starter Solenoid Crank Voltage

### Steering Column Tilt/Telescope Actuator X1 (N38) - Steering Column Tilt/Telescope Actuator X1 (N38)

Steering Column Tilt/Telescope Actuator X1 (N38)



 [Click here for full size](#)

### Connector Part Information

- OEM: 15326886
- Service: 88988300
- Description: 4-Way F GT 280 Series (BK)

### Terminal Part Information

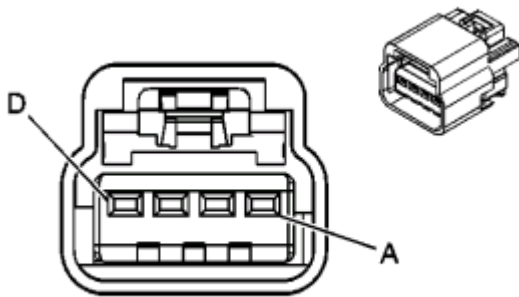
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Steering Column Tilt/Telescope Actuator X1 (N38)

Pin	Wire	Circuit	Function
A	1 BN	2112	Steering Column Tilt Motor Control - Down
B	1 PK	2111	Steering Column Tilt Motor Control - Up
C	1 OG	2098	Steering Column Telescope Motor Forward
D	1 TN	2110	Steering Column Telescope Motor Rearward

### Steering Column Tilt/Telescope Actuator X2 (N38) - Steering Column Tilt/Telescope Actuator X2 (N38)

Steering Column Tilt/Telescope Actuator X2 (N38)



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### Connector Part Information

- OEM: 15332135
- Service: 15306414



- Description: 4-Way F GT 150 Series (BK)

#### Terminal Part Information

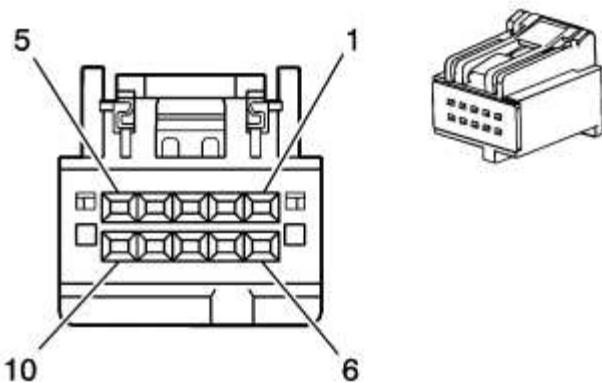
- Terminal/Tray: 12191812/19
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

#### Steering Column Tilt/Telescope Actuator X2 (N38)

Pin	Wire	Circuit	Function
A	0.35 OG	2154	Steering Column Tilt Sensor Signal
B	0.35 GY	6206	Low Reference
C	0.35 TN	6207	5-Volt Reference
D	0.35 OG	2153	Steering Column Telescope Sensor Signal

#### Steering Wheel Control Switch - Left - Steering Wheel Control Switch - Left

Steering Wheel Control Switch - Left



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#### Connector Part Information

- OEM: 30700-1100
- Service: See Catalog
- Description: 10-Way F 0.64 Series (GY)

#### Terminal Part Information

- Terminal/Tray: 1393364-2/7

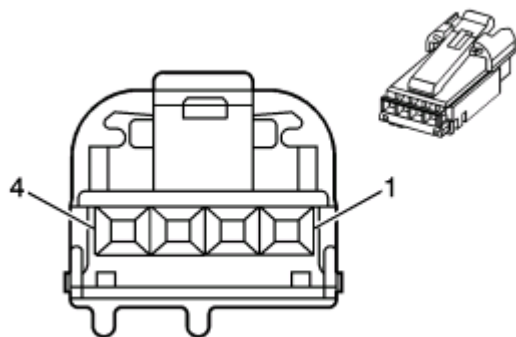
- Core/Insulation Crimp: K/K
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)

### Steering Wheel Control Switch - Left

Pin	Wire	Circuit	Function
1	0.35 PU	1375	12-Volt Reference
2	—	—	Not Used
3	0.35 GY	1884	Cruise Control Switch Signal
4-5	—	—	Not Used
6	0.35 PU/WH	7005	LED Dimming Signal
7	—	—	Not Used
8	0.35 BK/WH	1551	Ground
9	0.35 GN/WH	7158	Cruise Control Indicator Dimming Signal
10	—	—	Not Used

### Steering Wheel Control Switch - Right (UK3) - Steering Wheel Control Switch - Right (UK3)

Steering Wheel Control Switch - Right (UK3)



[Click here for full size](#)

#### Connector Part Information

- OEM: 31068-1010
- Service: See Catalog
- Description: 4-Way F HDAC64 SR Housing Series (BK)

#### Terminal Part Information

- Terminal/Tray: 1393364-2/7

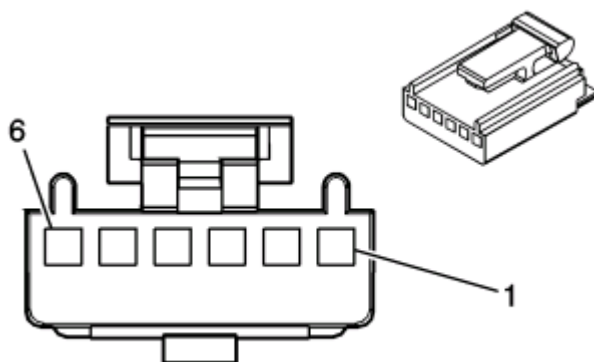
- Core/Insulation Crimp: K/K
- Release Tool/Test Probe: 15315247/J-35616-64B (L-BU)

### Steering Wheel Control Switch - Right (UK3)

Pin	Wire	Circuit	Function
1	0.35 BK/WH	1551	Ground
2	0.35 PU/WH	7005	LED Dimming Signal
3	0.35 PU	1375	12-Volt Reference
4	0.35 D-BU	1796	Steering Wheel Controls Signal

### Steering Wheel Speed Position Sensor (WDA or Z88 or W49 Late Production) - Steering Wheel Speed Position Sensor (WDA or Z88 or W49 Late Production)

Steering Wheel Speed Position Sensor (WDA or Z88 or W49 Late Production)



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#### Connector Part Information

- OEM: AIT2PB-06-01FS
- Service: See Catalog
- Description: 6-Way F AIT II Series (NA)

#### Terminal Part Information

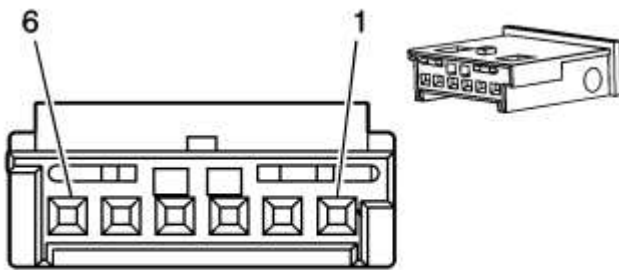
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit


## Steering Wheel Speed Position Sensor (WDA or Z88 or W49 Late Production)

Pin	Wire	Circuit	Function
1	—	—	Not Used
2	0.5 L-GN/BK	6432	CAN Bus Low Serial Data
3	0.5 TN/WH	6433	CAN Bus High Serial Data
4	—	—	Not Used
5	0.5 D-GN	2087	12-Volt Reference
6	0.5 L-BU	2088	Low Reference

## Steering Wheel Speed Position Sensor (W49 Early Production) - Steering Wheel Speed Position Sensor (W49 Early Production)

Steering Wheel Speed Position Sensor (W49 Early Production)



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### Connector Part Information

- OEM: 112413703
- Service: See Catalog
- Description: 6-Way F MQS Series (BK)

### Terminal Part Information

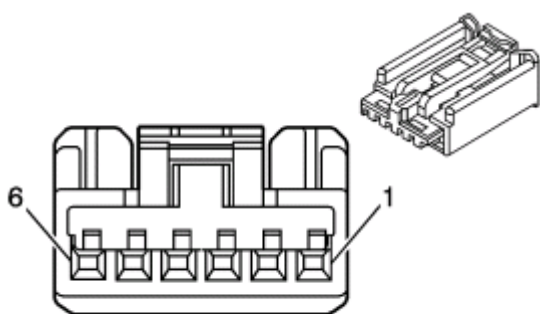
- Terminal/Tray: 928999-5/15
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

## Steering Wheel Speed Position Sensor (W49 Early Production)

Pin	Wire	Circuit	Function
1	0.5 L-GN/BK	6432	CAN Bus Low Serial Data
2	—	—	Not Used
3	0.5 TN/WH	6433	CAN Bus High Serial Data
4	—	—	Not Used
5	0.5 D-GN	2087	12-Volt Reference
6	0.5 L-BU	2088	Low Reference

## Steering Wheel/Column Tilt/Telescope Switch (N38) - Steering Wheel/Column Tilt/Telescope Switch (N38)

Steering Wheel/Column Tilt/Telescope Switch (N38)



[Click here for full size](#)

### Connector Part Information

- OEM: AIT2PB-06-1AK
- Service: See Catalog
- Description: 6-Way AIT II Series (BK)

### Terminal Part Information

- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

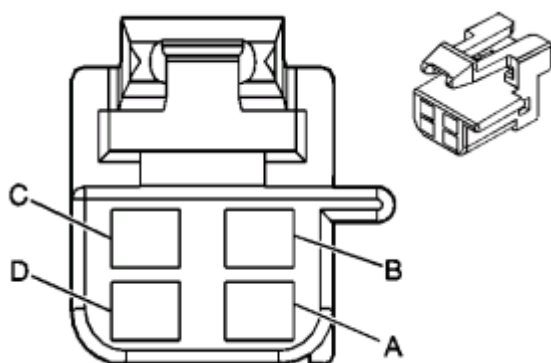
## Steering Wheel/Column Tilt/Telescope Switch (N38)

Pin	Wire	Circuit	Function
1	0.35 RD/WH	2140	Battery Positive Voltage

2	0.35 GY	2096	Steering Column Tilt and Telescope Up Switch Signal
3	0.35 PK	2094	Steering Column Tilt and Telescope Forward Switch Signal
4	—	—	Not Used
5	0.35 OG	2095	Steering Column Tilt and Telescope Reverse Switch Signal
6	0.35 YE	2097	Steering Column Tilt and Telescope Down Switch Signal

## Sunload Sensor (CJ2) - Sunload Sensor (CJ2)

Sunload Sensor (CJ2)



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### Connector Part Information

- OEM: 12064760
- Service: 12085208
- Description: 4-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

- Terminal/Tray: 12064971/5
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

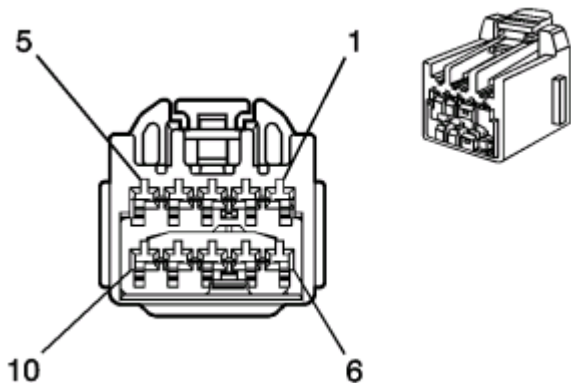
## Sunload Sensor (CJ2)

Pin	Wire	Circuit	Function
A	0.35 L-BU/BK	590	Driver Sunload Sensor Signal
B	0.35 GY	1548	Passenger Sunload Sensor Signal

C	0.35 BK/WH	1551	Ground
D	0.35 L-GN/BK	1137	DRL Ambient Light Sensor Signal

## Sunroof Control Module (C3U) - Sunroof Control Module (C3U)

Sunroof Control Module (C3U)



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### Connector Part Information

- OEM: 7283-5909-40
- Service: See Catalog
- Description: 10-Way F (L-GY)

### Terminal Part Information

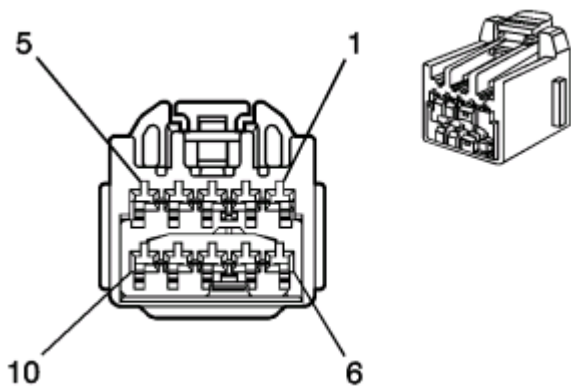
- Pin: 1, 6
- Terminal/Tray: 7116-4101-08/9
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)
- Pin: 3
- Terminal/Tray: 7116-4110-02/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)
- Pins: 5, 7, 10
- Terminal/Tray: 7116-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

## Sunroof Control Module (C3U)

Pin	Wire	Circuit	Function
1	3.0 BK	850	Ground
2	—	—	Not Used
3	0.5 YE	43	Ignition Voltage
4	—	—	Not Used
5	0.35 BN	100	Sunroof Switch Open Signal
6	1 RD/WH	3440	Battery Positive Voltage
7	0.35 WH	—	Serial Communication
8-9	—	—	Not Used
10	0.35 OG	110	Sunroof Switch Close Signal

### Sunroof Shade Module (C3U) - Sunroof Shade Module (C3U)

Sunroof Shade Module (C3U)



[Click here for full size](#)

#### Connector Part Information

- OEM: 7283-5909-40
- Service: See Catalog
- Description: 10-Way F (L-GY)

#### Terminal Part Information

- Pin: 1, 6
- Terminal/Tray: 7116-4101-08/9
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)
- Pin: 3
- Terminal/Tray: 7116-4110-02/9
- Core/Insulation Crimp: E/C



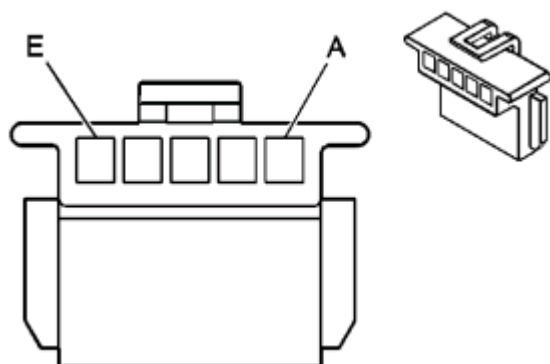
- Release Tool/Test Probe: 12094430/J-35616-4A (PU)
- Pins: 5, 7, 10
- Terminal/Tray: 7116-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094430/J-35616-2A (GY)

### Sunroof Shade Module (C3U)

Pin	Wire	Circuit	Function
1	1 BK	850	Ground
2	—	—	Not Used
3	0.5 YE	43	Ignition Voltage
4	—	—	Not Used
5	0.35 D-BU	5304	Front Sunshade Switch Open Signal
6	1 RD/WH	3440	Battery Positive Voltage
7	PU	—	Serial Communication
8-9	—	—	Not Used
10	0.35 YE/BK	5305	Front Sunshade Switch Close Signal

### Sunroof Shade Switch (C3U) - Sunroof Shade Switch (C3U)

Sunroof Shade Switch (C3U)



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### Connector Part Information

- OEM: 12124997
- Service: 12167130
- Description: 5-Way F Metri-Pack 150 Series, Unsealed (BK)

## Terminal Part Information

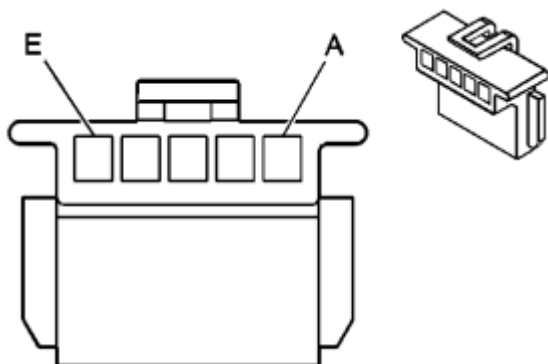
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

## Sunroof Shade Switch (C3U)

Pin	Wire	Circuit	Function
A	0.35 GY	8	Instrument Panel Lamp Supply Voltage
B	0.35 BK	850	Ground
C	—	—	Not Used
D	0.35 L-BU	5304	Front Sunshade Switch Open Signal
E	0.35 YE	5305	Front Sunshade Switch Close Signal

## Sunroof Switch (C3U) - Sunroof Switch (C3U)

Sunroof Switch (C3U)



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## Connector Part Information

- OEM: 12124997
- Service: 12167130
- Description: 5-Way F Metri-Pack 150 Series, Unsealed (BK)

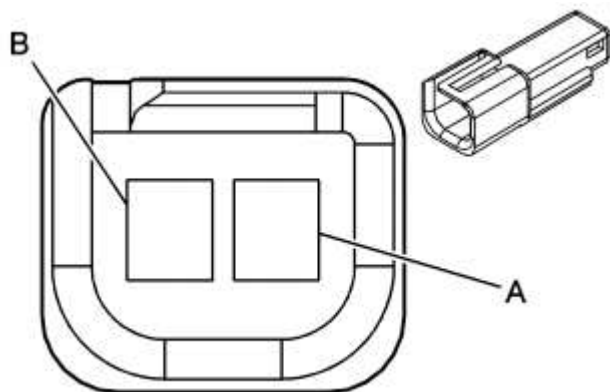
## Sunroof Switch (C3U)

Pin	Wire	Terminal/Tray	Core/Insulation Crimp	Circuit	Terminal Repair Kit	Function
A	0.35 GY			8	See Terminal Repair Kit	Instrument Panel Lamp Supply Voltage
B	0.35 BK			850	See Terminal Repair Kit	Ground

C	-	-	Not Used
D	0.35 BN	100	Sunroof Switch Open Signal
E	0.35 OG	110	Sunroof Switch Close Signal

### Sunshade - Left (DH6) - Sunshade - Left (DH6)

Sunshade - Left (DH6)



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### Connector Part Information

- OEM: 12047663
- Service: 12085481
- Description: 2-Way M Metri-Pack 150 Series (BK)

### Terminal Part Information

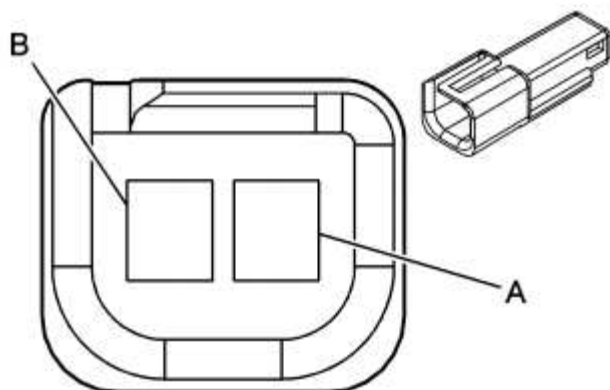
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

### Sunshade - Left (DH6)

Pin	Wire	Circuit	Function
A	0.5 OG	1732	Courtesy Lamps Supply Voltage
B	0.5 BK	850	Ground

### Sunshade - Right (DH6) - Sunshade - Right (DH6)

Sunshade - Right (DH6)



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#### Connector Part Information

- OEM: 12047663
- Service: 12085481
- Description: 2-Way M Metri-Pack 150 Series (BK)

#### Terminal Part Information

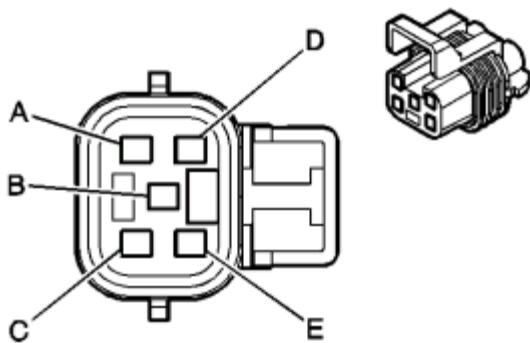
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 12094429/J-35616-3 (GY)

#### Sunshade - Right (DH6)

Pin	Wire	Circuit	Function
A	0.5 OG	1732	Courtesy Lamps Supply Voltage
B	0.5 BK	850	Ground

#### Tail Lamp - Left (Z88) - Tail Lamp - Left (Z88)

Tail Lamp - Left (Z88)



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### Connector Part Information

- OEM: 12124662
- Service: See Catalog
- Description: 5-Way F Metri-Pack 150 Series, Sealed (BN)

### Terminal Part Information

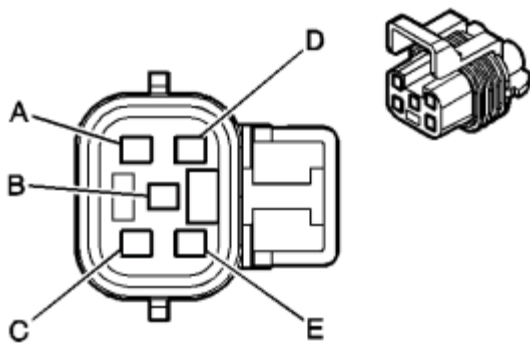
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Tail Lamp - Left (Z88)

Pin	Wire	Circuit	Function
A	0.5 PU	709	Left Park Lamp Supply Voltage
B	—	—	Not Available
C	0.5 YE/BK	5356	Left Tail Lamp Outage Detection Signal
D	0.8 BK	650	Ground
E	0.8 YE	18	Left Rear Stop/Turn Lamp Supply Voltage

### Tail Lamp - Right (Z88) - Tail Lamp - Right (Z88)

Tail Lamp - Right (Z88)



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### Connector Part Information

- OEM: 12124662
- Service: See Catalog
- Description: 5-Way F Metri-Pack 150 Series, Sealed (BN)

### Terminal Part Information

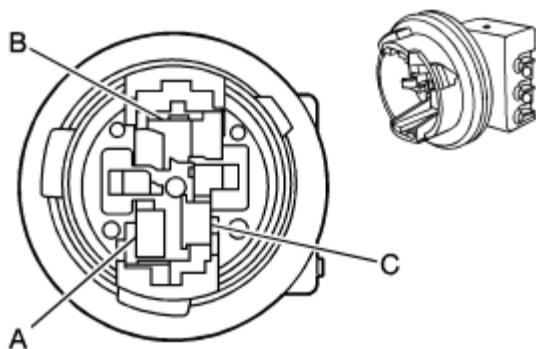
- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Tail Lamp - Right (Z88)

Pin	Wire	Circuit	Function
A	0.5 BN/WH	309	Right Park Lamp Supply Voltage
B	—	—	Not Available
C	0.5 PU	5357	Right Tail Lamp Outage Detection Signal
D	0.8 BK	850	Ground
E	0.8 D-GN	19	Right Rear Stop/Turn Lamp Supply Voltage

### Tail/Stop and Turn Signal Lamp - Left (W49 or WDA) - Tail/Stop and Turn Signal Lamp - Left (W49 or WDA)

Tail/Stop and Turn Signal Lamp - Left (W49 or WDA)



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### Connector Part Information

- OEM: 12450004
- Service: See Catalog
- Description: 3-Way F CIC W3 Socket (L-GY)

### Terminal Part Information

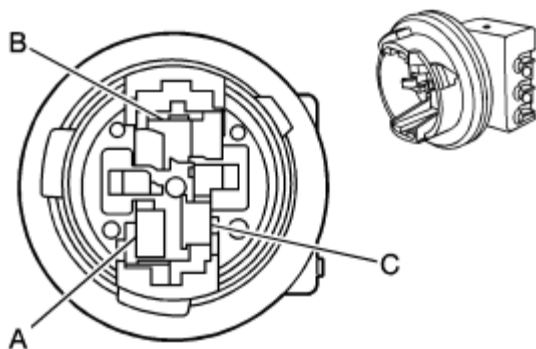
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Tail/Stop and Turn Signal Lamp - Left (W49 or WDA)

Pin	Wire	Circuit	Function
A	RD	—	Left Rear Stop/Turn Supply Voltage (WDA)
	WH	—	Left Rear Stop/Turn Supply Voltage (W49)
B	BK	—	Ground
	BK	—	Ground
C	L-BU	—	Park Lamps Supply Voltage (WDA)
	L-BU	—	Park Lamps Supply Voltage (WDA)
	D-BU	—	Park Lamps Supply Voltage (W49)
	D-BU	—	Park Lamps Supply Voltage (W49)

### Tail/Stop and Turn Signal Lamp - Right (W49 or WDA) - Tail/Stop and Turn Signal Lamp - Right (W49 or WDA)

Tail/Stop and Turn Signal Lamp - Right (W49 or WDA)



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### Connector Part Information

- OEM: 12450004
- Service: See Catalog
- Description: 3-Way F CIC W3 Socket (L-GY)

### Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

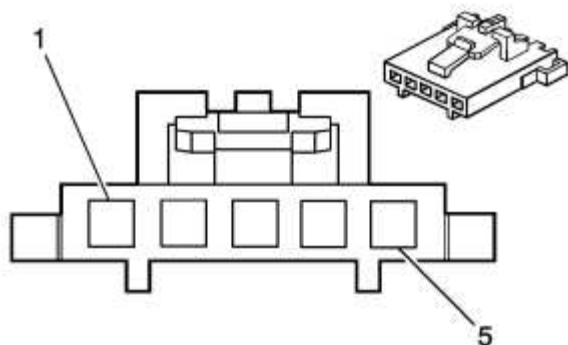
### Tail/Stop and Turn Signal Lamp - Right (W49 or WDA)

Pin	Wire	Circuit	Function
A	RD	—	Right Rear Stop/Turn Supply Voltage (WDA)
	WH	—	Right Rear Stop/Turn Supply Voltage (W49)
B	BK	—	Ground
	BK	—	Ground
C	L-BU	—	Park Lamps Supply Voltage (WDA)
	L-BU	—	Park Lamps Supply Voltage (WDA)
	D-BU	—	Park Lamps Supply Voltage (W49)
	D-BU	—	Park Lamps Supply Voltage (W49)

### Theft Deterrent Module (TDM) - Theft Deterrent Module (TDM)

Theft Deterrent Module (TDM)





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### Connector Part Information

- OEM: 50579705
- Service: See Catalog
- Description: 5-Way F 2.54mm (BK)

### Terminal Part Information

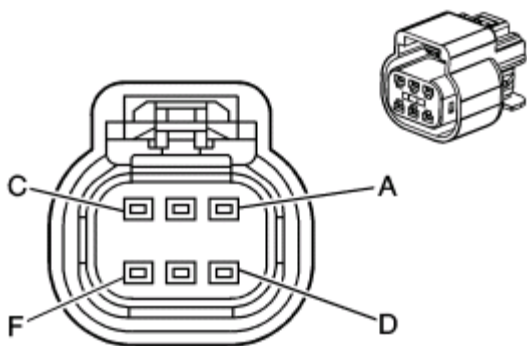
- Terminal/Tray: 16-02-1110/20
- Core/Insulation Crimp: H/H
- Release Tool/Test Probe: J-38125-213/J-35616-64B (L-BU)

### Theft Deterrent Module (TDM)

Pin	Wire	Circuit	Function
1	0.35 RD/WH	1040	Battery Positive Voltage
2	0.35 BN	4	Ignition Voltage
3	0.35 BK/WH	1551	Ground
4	—	—	Not Used
5	0.35 D-GN	5060	Low Speed GMLAN Serial Data

### Throttle Body (LY7) - Throttle Body (LY7)

Throttle Body (LY7)



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### Connector Part Information

- OEM: 15355297
- Service: 19115594
- Description: 6-Way F GT 150 Series, Sealed (BK)

### Terminal Part Information

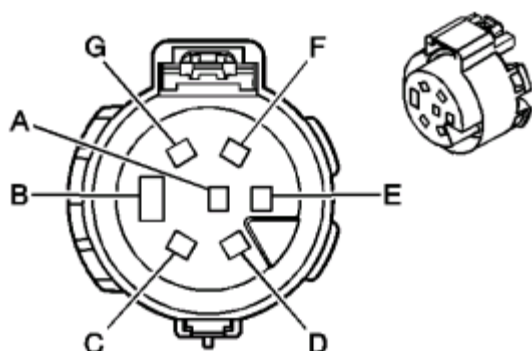
- Terminal/Tray: 15326427/5
- Core/Insulation Crimp: Pins A, B - 2/1
- Core/Insulation Crimp: Pins C, D, E, F - E/A
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)


### Throttle Body (LY7)

Pin	Wire	Circuit	Function
A	0.8 BN	582	TAC Motor Control - 2
B	0.8 YE	581	TAC Motor Control - 1
C	0.5 TN	2752	Low Reference
D	0.5 D-GN	485	TP Sensor 1 Signal
E	0.5 GY	2701	5-Volt Reference
F	0.5 PU	486	TP Sensor 2 Signal

### Trailer Connector (V92 or Early Production) - Trailer Connector (V92 or Early Production)

Trailer Connector (V92 or Early Production)



 [Click here for full size](#)

### Connector Part Information

- OEM: 15354653
- Service: 15306164
- Description: 7-Way F Metri-Pack 280, Sealed (BK)

### Terminal Part Information

- Pins: A, D, F, G
- Terminal/Tray: 12110847/4
- Core/Insulation Crimp: E/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: C, E
- Terminal/Tray: 12110845/4
- Core/Insulation Crimp: A/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: B
- Terminal/Tray: 15305232/23
- Core/Insulation Crimp: Pins B - B/F/3
- Core/Insulation Crimp: Pins B - F/3
- Release Tool/Test Probe: J-38125-11A/J-35616-42 (RD)

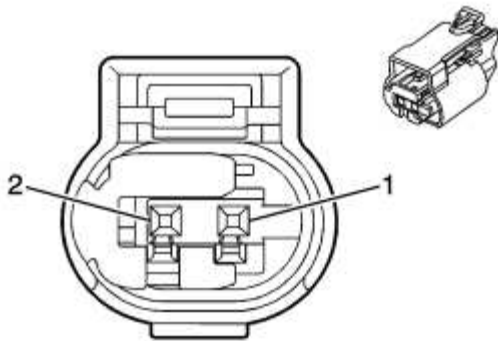
### Trailer Connector (V92 or Early Production)

Pin	Wire	Circuit	Function
A	0.5 L-GN	1624	Trailer Backup Lamps Supply Voltage (V92)
B	0.5 BK	850	Ground (without V92)
	2 BK	850	Ground (V92)
C	2 D-BU	47	Trailer Auxiliary Supply Voltage (V92)

D	0.5 D-GN	1619	Stop Lamp Supply Voltage
E	2 RD/BK	542	Battery Positive Voltage (V92)
F	0.5 BN	2109	Trailer Park Lamps Supply Voltage
G	0.5 YE	1618	Stop Lamp Supply Voltage

### Turn Signal Lamp - Left Front (W49 or Z88) - Turn Signal Lamp - Left Front (W49 or Z88)

Turn Signal Lamp - Left Front (W49 or Z88)



[Click here for full size](#)

#### Connector Part Information

- OEM: 1-1438608-3
- Service: See Catalog
- Description: 2-Way F MQS Series, Sealed (BK)

#### Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

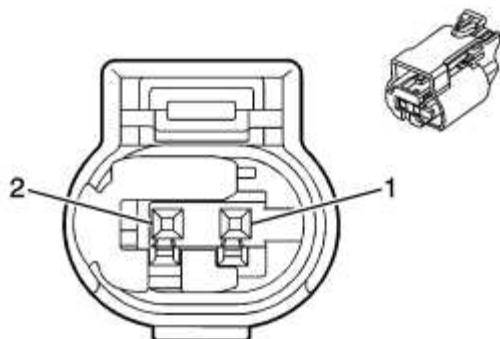
### Turn Signal Lamp - Left Front (W49 or Z88)

Pin	Wire	Circuit	Function
1	0.8 YE	—	Left Turn Signal Indicator Lamp Supply Voltage (Z88)
	0.8 BK	—	Ground (W49)
2	0.8 BK	—	Ground (Z88)

0.8 GN	-	Left Turn Signal Indicator Lamp Supply Voltage (W49)
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### Turn Signal Lamp - Lower Left Front (WDA) - Turn Signal Lamp - Lower Left Front (WDA)

Turn Signal Lamp - Lower Left Front (WDA)



[Click here for full size](#)

#### Connector Part Information

- OEM: 1-1438608-3
- Service: See Catalog
- Description: 2-Way F MQS Series, Sealed (BU)

#### Terminal Part Information

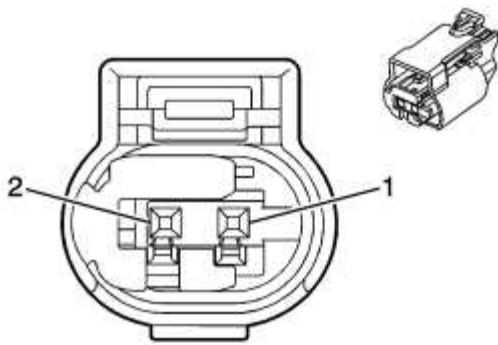
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Turn Signal Lamp - Lower Left Front (WDA)

Pin	Wire	Circuit	Function
1	0.5 L-BU/WH	1314	Left Turn Signal Indicator Lamp Supply Voltage
2	0.5 BK	1350	Ground

### Turn Signal Lamp - Lower Right Front (WDA) - Turn Signal Lamp - Lower Right Front (WDA)

Turn Signal Lamp - Lower Right Front (WDA)



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### Connector Part Information

- OEM: 1-1438608-3
- Service: See Catalog
- Description: 2-Way F MQS Series, Sealed (BU)

### Terminal Part Information

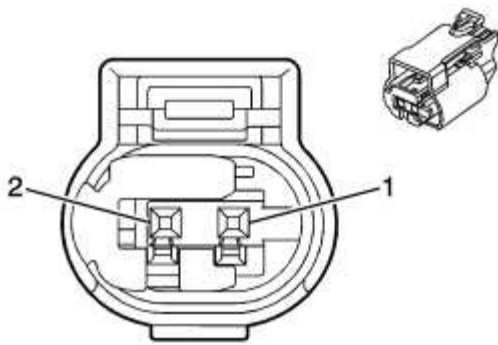
- Terminal/Tray: 962885-5/15
- Core/Insulation Crimp: 6/6
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

### Turn Signal Lamp - Lower Right Front (WDA)

Pin	Wire	Circuit	Function
1	0.5 L-BU/WH	1314	Right Turn Signal Indicator Lamp Supply Voltage
2	0.5 BK	1350	Ground

### Turn Signal Lamp - Right Front (W49 or Z88) - Turn Signal Lamp - Right Front (W49 or Z88)

Turn Signal Lamp - Right Front (W49 or Z88)



[Click here for full size](#)

### Connector Part Information

- OEM: 1-1438608-3
- Service: See Catalog
- Description: 2-Way F MQS Series, Sealed (BK)

### Terminal Part Information

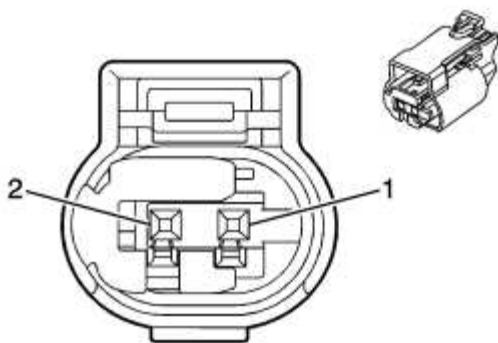
- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

### Turn Signal Lamp - Right Front (W49 or Z88)

Pin	Wire	Circuit	Function
1	0.8 YE	—	Right Turn Signal Indicator Lamp Supply Voltage (Z88)
	0.8 BK	—	Ground (W49)
2	0.8 BK	—	Ground (Z88)
	0.8 GN	—	Right Turn Signal Indicator Lamp Supply Voltage (W49)

### Turn Signal Lamp - Upper Left Front (WDA) - Turn Signal Lamp - Upper Left Front (WDA)

Turn Signal Lamp - Upper Left Front (WDA)



[Click here for full size](#)

### Connector Part Information

- OEM: 1-1438608-3
- Service: See Catalog
- Description: 2-Way F MQS Series, Sealed (BU)

### Terminal Part Information

- Terminal/Tray: See Terminal Repair Kit
- Core/Insulation Crimp: See Terminal Repair Kit
- Release Tool/Test Probe: See Terminal Repair Kit

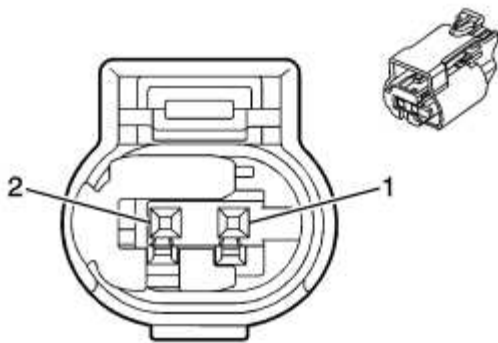
### Turn Signal Lamp - Upper Left Front (WDA)

Pin	Wire	Circuit	Function
1	0.5 L-BU/WH	1314	Left Turn Signal Indicator Lamp Supply Voltage
2	0.5 BK	1350	Ground

### Turn Signal Lamp - Upper Right Front (WDA) - Turn Signal Lamp - Upper Right Front (WDA)

Turn Signal Lamp - Upper Right Front (WDA)





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### Connector Part Information

- OEM: 1-1438608-3
- Service: See Catalog
- Description: 2-Way F MQS Series, Sealed (BU)

### Terminal Part Information

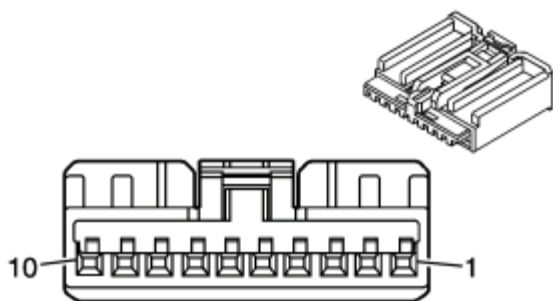
- Terminal/Tray: 962885-5/15
- Core/Insulation Crimp: 6/6
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

### Turn Signal Lamp - Upper Right Front (WDA)

Pin	Wire	Circuit	Function
1	0.5 L-BU/WH	1314	Right Turn Signal Indicator Lamp Supply Voltage
2	0.5 BK	1350	Ground

### Turn Signal/Multifunction Switch X1 - Turn Signal/Multifunction Switch X1

Turn Signal/Multifunction Switch X1



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### Connector Part Information

- OEM: AIT2PB101FS
- Service: See Catalog
- Description: 10-Way F (WH)

### Terminal Part Information

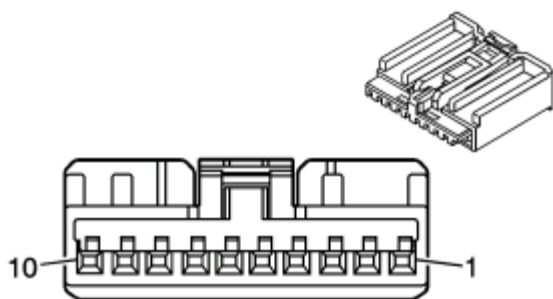
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Turn Signal/Multifunction Switch X1

Pin	Wire	Circuit	Function
1	0.35 BK/WH	1551	Ground
2	0.35 L-BU/WH	1414	Left Turn Signal Switch Signal
3	0.35 D-BU/WH	1415	Right Turn Signal Switch Signal
4	0.35 L-BU	1714	Windshield Wiper Switch Low Signal
5	0.35 L-GN	1715	Windshield Wiper Switch High Signal
6	0.35 PK	94	Windshield Washer Switch Signal
7	0.35 TN/BK	6009	Low Reference
8-10	—	—	Not Used

### Turn Signal/Multifunction Switch X2 - Turn Signal/Multifunction Switch X2

Turn Signal/Multifunction Switch X2



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### Connector Part Information

- OEM: AIT2PB101BH
- Service: See Catalog
- Description: 10-Way JST (GY)

### Terminal Part Information

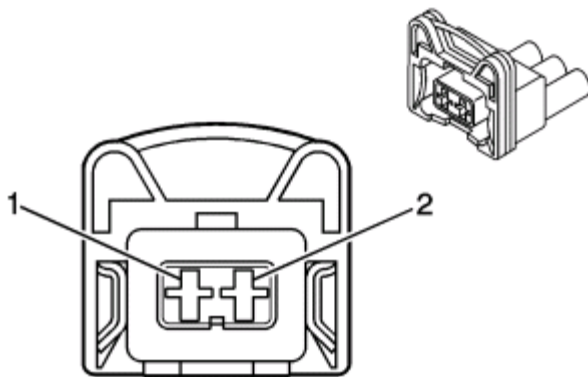
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

### Turn Signal/Multifunction Switch X2

Pin	Wire	Circuit	Function
1-6	—	—	Not Used
7	0.35 PU	524	Headlamp Dimmer Switch High Beam Signal
8	0.35 BK/WH	1551	Ground
9	—	—	Not Used
10	0.35 BN	1356	Flash To Pass Switch Signal

### Variable Effort Steering Actuator (NV7) - Variable Effort Steering Actuator (NV7)

Variable Effort Steering Actuator (NV7)



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### Connector Part Information

- OEM: 85202-1
- Service: See Catalog
- Description: 2-Way F JPT Series (BK)

### Terminal Part Information

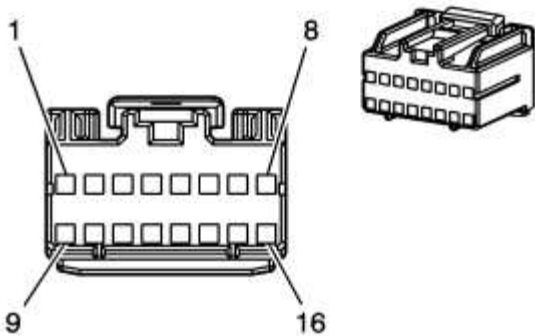
- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

### Variable Effort Steering Actuator (NV7)

Pin	Wire	Circuit	Function
1	0.5 BN	1295	Variable Effort Steering Actuator Control
2	0.5 WH	1294	Variable Effort Steering Actuator Supply Voltage

**Vehicle Communications Interface Module (VCIM) X1 (UE1) -  
Vehicle Communications Interface Module (VCIM) X1 (UE1)**

Vehicle Communications Interface Module (VCIM) X1 (UE1)



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### Connector Part Information

- OEM: 15431362
- Service: 15306351
- Description: 16-Way F Micro-Pack 100 A Series (NA)

### Terminal Part Information

- Pins: 1-3, 6, 7, 10-12, 15
- Terminal/Tray: 15445905/23
- Core/Insulation Crimp: Pins 1-3, 6, 10-12 - J/J
- Core/Insulation Crimp: Pins 7, 15 - K/K
- Release Tool/Test Probe: 12180559/J-35616-16 (L-GN)

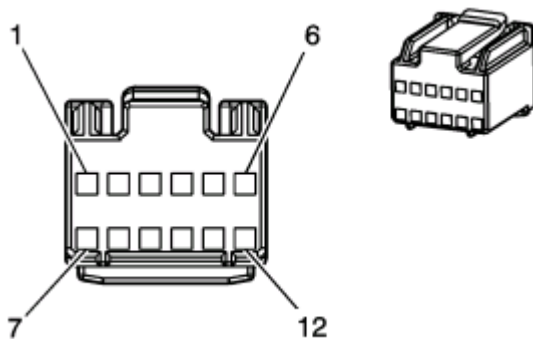
### Vehicle Communications Interface Module (VCIM) X1 (UE1)

Pin	Wire	Circuit	Function
1	0.35 D-GN	5060	Low Speed GMLAN Serial Data
2	0.35 BN/WH	2517	Keypad Red LED Signal
3	0.35 YE/BK	2516	Keypad Green LED Signal
4-5	—	—	Not Used
6	0.35 L-GN/BK	2515	Keypad Supply Voltage
7	0.8 BK/WH	351	Ground (W49 Early Production)
	0.8 BK	650	Ground (WDA or Z88 or W49 Late Production)
8-9	—	—	Not Used
10	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+

11	0.35 D-GN/WH	2514	Keypad Signal
12	0.35 TN	2501	High Speed GMLAN Serial Data Bus-
13-14	-	-	Not Used
15	0.8 RD/WH	4640	Battery Positive Voltage
16	-	-	Not Used

### Vehicle Communications Interface Module (VCIM) X2 (UE1) - Vehicle Communications Interface Module (VCIM) X2 (UE1)

Vehicle Communications Interface Module (VCIM) X2 (UE1)



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#### Connector Part Information

- OEM: 15431365
- Service: 88952886
- Description: 12-Way F Micro-Pack 100 A Series (NA)

#### Terminal Part Information

- Terminal/Tray: 15445905/23
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 12180559/J-35616-16 (L-GN)

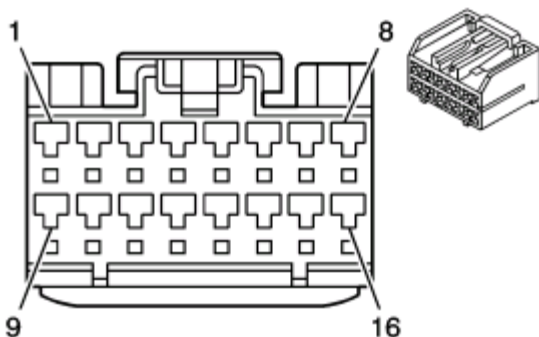
### Vehicle Communications Interface Module (VCIM) X2 (UE1)

Pin	Wire	Circuit	Function
1	0.35 OG/BK	1406	Remote Playback Device Left Audio Signal
2	0.35 L-BU	1405	Remote Playback Device Audio Common Signal
3	0.35 TN/BK	2500	High Speed GMLAN Serial Data Bus+

4	0.35 TN	2501	High Speed GMLAN Serial Data Bus-
5-7	—	—	Not Used
8	0.35 BARE	814	Drain
9	0.35 GY	655	Cellular Microphone Signal
10	0.35 BARE	514	Ground
11-12	—	—	Not Used

### Vehicle Communications Interface Module (VCIM) X3 (UE1) - Vehicle Communications Interface Module (VCIM) X3 (UE1)

Vehicle Communications Interface Module (VCIM) X3 (UE1)



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#### Connector Part Information

- OEM: 15431359
- Service: See Catalog
- Description: 16-Way F Micro 100A (GY)

#### Terminal Part Information

- Terminal/Tray: 175266-5/15
- Core/Insulation Crimp: J/J
- Release Tool/Test Probe: 15315247/J-35616-16 (L-GN)

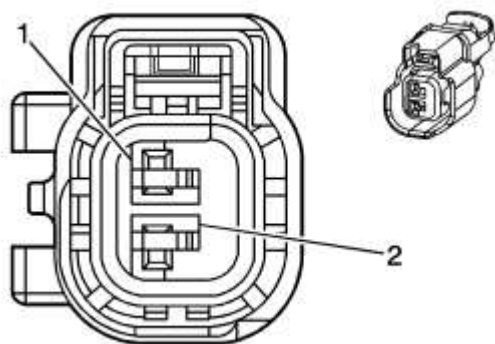
### Vehicle Communications Interface Module (VCIM) X3 (UE1)

Pin	Wire	Circuit	Function
1	—	—	Not Used
2	0.35 PK	5149	Voice Recognition Audio Signal
3	—	—	Not Used

4	0.35 PK/BK	5152	Low Reference
5	0.35 BARE	1792	Drain
6-16	—	—	Not Used

### Wheel Speed Sensor (WSS) - Left Front - Wheel Speed Sensor (WSS) - Left Front

Wheel Speed Sensor (WSS) - Left Front



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#### Connector Part Information

- OEM: 34062-0011
- Service: See Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

#### Terminal Part Information

- Terminal/Tray: 34083-1002/28
- Core/Insulation Crimp: C/E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

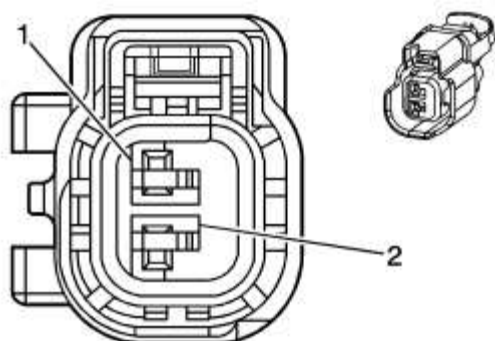
### Wheel Speed Sensor (WSS) - Left Front

Pin	Wire	Circuit	Function
1	0.5 L-BU	830	Left Front Wheel Speed Sensor Signal
2	0.5 YE	873	Low Reference

### Wheel Speed Sensor (WSS) - Left Rear - Wheel Speed Sensor (WSS) - Left Rear

Wheel Speed Sensor (WSS) - Left Rear





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### Connector Part Information

- OEM: 34062-0011
- Service: See Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

### Terminal Part Information

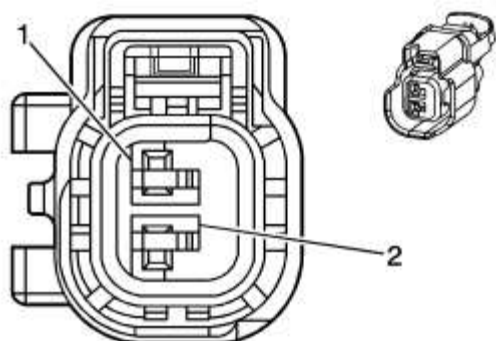
- Terminal/Tray: 34083-1002/28
- Core/Insulation Crimp: C/E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Wheel Speed Sensor (WSS) - Left Rear

Pin	Wire	Circuit	Function
1	0.5 TN	884	Left Rear Wheel Speed Sensor Signal
2	0.5 OG	885	Low Reference

### Wheel Speed Sensor (WSS) - Right Front - Wheel Speed Sensor (WSS) - Right Front

Wheel Speed Sensor (WSS) - Right Front



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### Connector Part Information

- OEM: 34062-0011
- Service: See Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

### Terminal Part Information

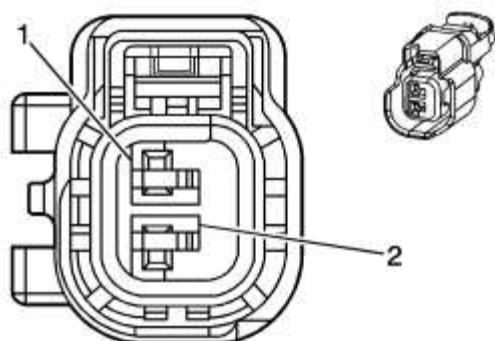
- Terminal/Tray: 34083-1002/28
- Core/Insulation Crimp: C/E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Wheel Speed Sensor (WSS) - Right Front

Pin	Wire	Circuit	Function
1	0.5 D-GN	872	Right Front Wheel Speed Sensor Signal
2	0.5 TN	833	Low Reference

### Wheel Speed Sensor (WSS) - Right Rear - Wheel Speed Sensor (WSS) - Right Rear

Wheel Speed Sensor (WSS) - Right Rear



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### Connector Part Information

- OEM: 34062-0011
- Service: See Catalog
- Description: 2-Way F 1.5 Series, Sealed (BK)

### Terminal Part Information

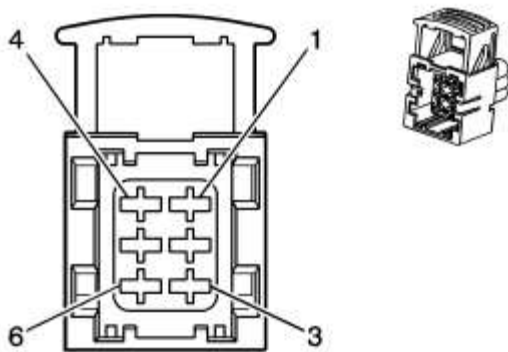
- Terminal/Tray: 34083-1002/28
- Core/Insulation Crimp: C/E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

### Wheel Speed Sensor (WSS) - Right Rear

Pin	Wire	Circuit	Function
1	0.5 BN	882	Right Rear Wheel Speed Sensor Signal
2	0.5 WH	883	Low Reference

### Window Motor - Driver (AXC or AXE) - Window Motor - Driver (AXC or AXE)

Window Motor - Driver (AXC or AXE)



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### Connector Part Information

- OEM: 2-1355696-1
- Service: 88988401
- Description: 6-Way F Timer Jr-Power Series, Sealed (GY)

### Terminal Part Information

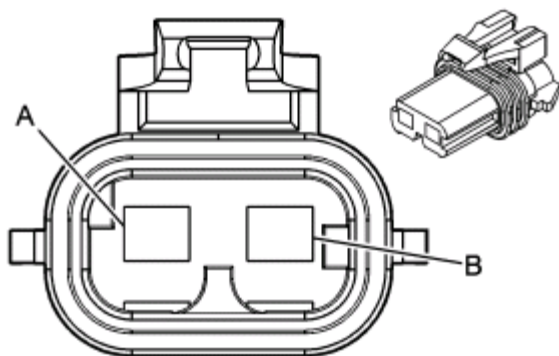
- Pins: 1, 4
- Terminal/Tray: 4-964273-1/15
- Core/Insulation Crimp: C/5
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)
- Pins: 6
- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

### Window Motor - Driver (AXC or AXE)

Pin	Wire	Circuit	Function
1	2 RD/WH	3340	Battery Positive Voltage
2-3	—	—	Not Used
4	2 BK	550	Ground
5	—	—	Not Used
6	0.35 BN	6132	Linear Interconnect Network Bus

### Window Motor - Driver (without AXC or AXE) - Window Motor - Driver (without AXC or AXE)

Window Motor - Driver (without AXC or AXE)



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#### Connector Part Information

- OEM: 12129487
- Service: 88988609
- Description: 2-Way F Metri-Pack 280 Series, Flexlock, Sealed (GY)

#### Terminal Part Information

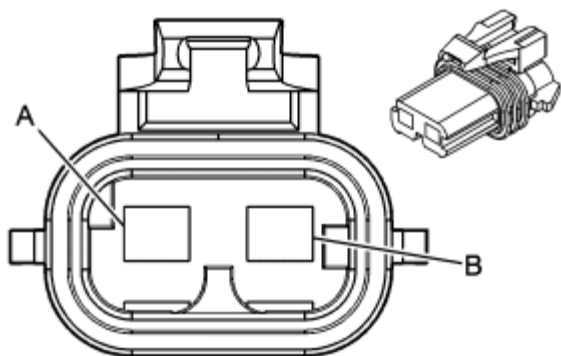
- Terminal/Tray: 12110845/4
- Core/Insulation Crimp: F/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

#### Window Motor - Driver (without AXC or AXE)

Pin	Wire	Circuit	Function
A	3 BN	165	Power Window Motor Left Front Down Control
B	3 D-BU	164	Power Window Motor Left Front Up Control

#### Window Motor - Left Rear - Window Motor - Left Rear

Window Motor - Left Rear



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### Connector Part Information

- OEM: 12129487
- Service: 88988609
- Description: 2-Way F Metri-Pack 280 Series, Flexlock, Sealed (GY)

### Terminal Part Information

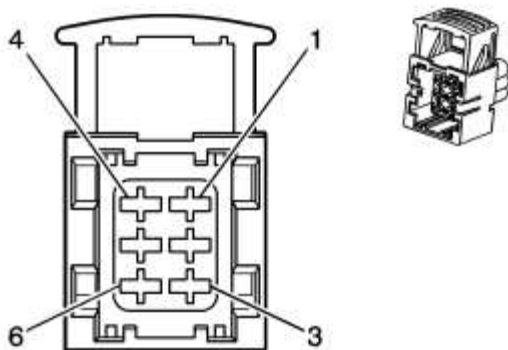
- Terminal/Tray: 12110853/4
- Core/Insulation Crimp: F/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

### Window Motor - Left Rear

Pin	Wire	Circuit	Function
A	3 BN	669	Power Window Motor Left Rear Down Control
B	3 D-BU	668	Power Window Motor Left Rear Up Control

### Window Motor - Passenger (AXC) - Window Motor - Passenger (AXC)

Window Motor - Passenger (AXC)



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### Connector Part Information

- OEM: 2-1355696-1
- Service: 88988401
- Description: 6-Way F Timer Jr-Power Series, Sealed (GY)

### Terminal Part Information

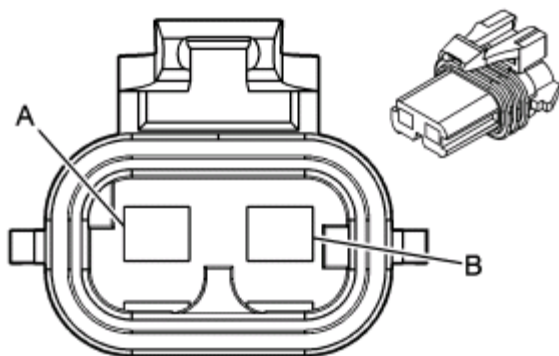
- Pins: 1, 4
- Terminal/Tray: 4-964273-1/15
- Core/Insulation Crimp: C/5
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)
- Pins: 6
- Terminal/Tray: 4-964286-1/16
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

### Window Motor - Passenger (AXC)

Pin	Wire	Circuit	Function
1	2 RD/WH	3340	Battery Positive Voltage
2-3	—	—	Not Used
4	2 BK	750	Ground
5	—	—	Not Used
6	0.35 D-BU	6133	Linear Interconnect Network Bus

### Window Motor - Passenger (without AXC) - Window Motor - Passenger (without AXC)

Window Motor - Passenger (without AXC)



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### Connector Part Information

- OEM: 12129487
- Service: 88988609
- Description: 2-Way F Metri-Pack 280 Series, Flexlock, Sealed (GY)

### Terminal Part Information

- Terminal/Tray: 12110845/4
- Core/Insulation Crimp: A/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

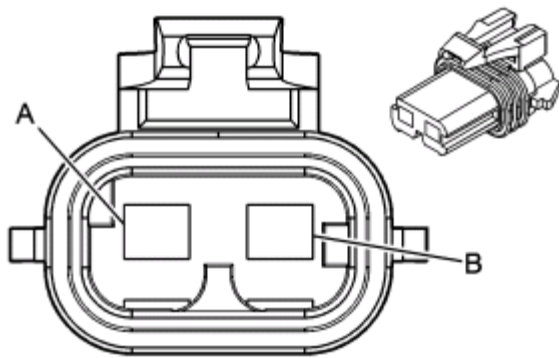
### Window Motor - Passenger (without AXC)

Pin	Wire	Circuit	Function
A	2 BN	667	Power Window Motor Right Front Down Control
B	2 D-BU	666	Power Window Motor Right Front Up Control

### Window Motor - Right Rear - Window Motor - Right Rear

Window Motor - Right Rear





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### Connector Part Information

- OEM: 12129487
- Service: 88988609
- Description: 2-Way F Metri-Pack 280 Series, Flexlock, Sealed (GY)

### Terminal Part Information

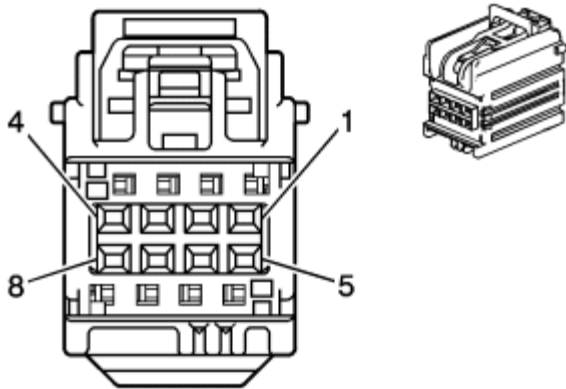
- Terminal/Tray: 12110853/4
- Core/Insulation Crimp: F/5
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

### Window Motor - Right Rear

Pin	Wire	Circuit	Function
A	3 BN	671	Power Window Motor Right Rear Down Control
B	3 D-BU	670	Power Window Motor Right Rear Up Control

### Window Switch - Driver X1 (without AXC or AXE) - Window Switch - Driver X1 (without AXC or AXE)

Window Switch - Driver X1 (without AXC or AXE)



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### Connector Part Information

- OEM: 7283-9028-30
- Service: See Catalog
- Description: 8-Way F YESC Kaizen Series (BK)

### Terminal Part Information

- Pins: 1
- Terminal/Tray: 7114-4100-08/9
- Core/Insulation Crimp: E/C
- Release Tool/Test Probe: 15315247/J-35616-3 (GY)
- Pins: 2-8
- Terminal/Tray: 7116-4618-02/14
- Core/Insulation Crimp: P/P
- Release Tool/Test Probe: J-38125-215/J-35616-64B (L-BU)

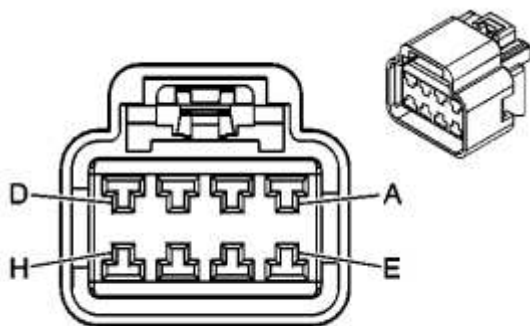
### Window Switch - Driver X1 (without AXC or AXE)

Pin	Wire	Circuit	Function
1	0.35 PU/WH	1382	LED Dimming Signal
2	0.35 D-BU	1307	Power Window Master Switch Lockout Signal
3	0.35 PU	169	Power Window Master Switch Left Rear Down Signal
4	0.35 D-GN	168	Power Window Master Switch Left Rear Up Signal
5	0.35 TN	167	Power Window Master Switch Right Front Down Signal

6	0.35 L-BU	166	Power Window Master Switch Right Front Up Signal
7	0.35 PU	171	Power Window Master Switch Right Rear Down Signal
8	0.35 L-GN	170	Power Window Master Switch Right Rear Up Signal

### Window Switch - Driver X2 (without AXC or AXE) - Window Switch - Driver X2 (without AXC or AXE)

Window Switch - Driver X2 (without AXC or AXE)



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#### Connector Part Information

- OEM: 15326924
- Service: 15306174
- Description: 8-Way F GT 280 Series (BK)

#### Terminal Part Information

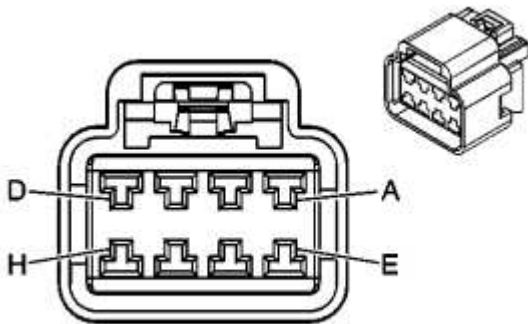
- Pins: A, D, E, H
- Terminal/Tray: 15304713/19
- Core/Insulation Crimp: F/D
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: F, G
- Terminal/Tray: 15304711/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

### Window Switch - Driver X2 (without AXC or AXE)

Pin	Wire	Circuit	Function
A	3 BK	550	Ground
B-C	—	—	Not Used
D	3 BN	165	Power Window Motor Left Front Down Control
E	3 D-BU	164	Power Window Motor Left Front Up Control
F	0.35 L-BU/WH	280	Power Window Master Switch Lockout Right Rear Signal
G	0.35 YE	43	Ignition Voltage
H	3 RD/WH	3340	Battery Positive Voltage

## Window Switch - Left Rear - Window Switch - Left Rear

Window Switch - Left Rear



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### Connector Part Information

- OEM: 15326924
- Service: 15306174
- Description: 8-Way F GT 280 Series (BK)

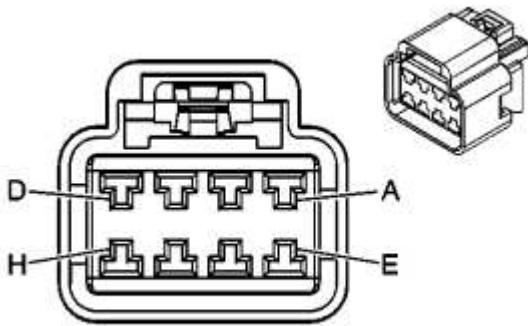
### Window Switch - Left Rear

Pin	Wire	Circuit	Function
A	Terminal/Tray: 15304711/8 Code/Insulation Crimp: E/A	168	Power Window Master Switch Left Rear Up Signal
B	Release Tool/Test Probe: 15315247/J-35616-4A (BU) 0.35 Gy	8	Instrument Panel Lamp Supply Voltage
C	Terminal/Tray: 15304713/19 0.35 BU	169	Power Window Master Switch Left Rear Down Signal
D	Terminal/Tray: 15304713/19 0.35 L-BU/WH Code/Insulation Crimp: Pins E, H - F/D	280	Power Window Master Switch Lockout Signal
E	Release Tool/Test Probe: 15315247/J-35616-4A (BU) 0.35 D-BU	164	Power Window Motor Left Rear (Up) Control

F	2 BK	550	Ground
G	2 RD/WH	3340	Battery Positive Voltage
H	3 BN	669	Power Window Motor Left Rear Down Control

### Window Switch - Passenger (without AXC or AXE) - Window Switch - Passenger (without AXC or AXE)

Window Switch - Passenger (without AXC or AXE)



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#### Connector Part Information

- OEM: 15326924
- Service: 15306174
- Description: 8-Way F GT 280 Series (BK)

#### Terminal Part Information

- Pins: A-D
- Terminal/Tray: 15304711/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: E-H
- Terminal/Tray: 15304713/19
- Core/Insulation Crimp: 4/4
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

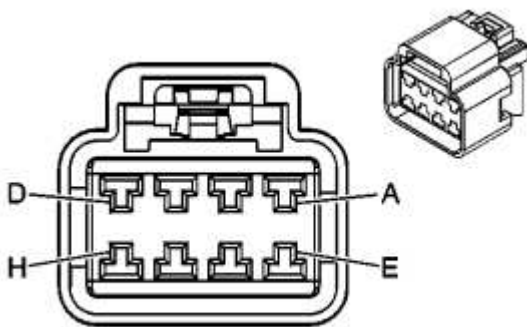
### Window Switch - Passenger (without AXC or AXE)

Pin	Wire	Circuit	Function
A	0.35 L-BU	166	Power Window Master Switch Right Front Up Signal

B	0.35 GY	8	Instrument Panel Lamp Supply Voltage
C	0.35 TN	167	Power Window Master Switch Right Front Down Signal
D	0.35 YE	43	Ignition Voltage
E	2 D-BU	666	Power Window Motor Right Front Up Control
F	2 BK	750	Ground
G	2 RD/WH	3340	Battery Positive Voltage
H	2 BN	667	Power Window Motor Right Front Down Control

## Window Switch - Right Rear - Window Switch - Right Rear

Window Switch - Right Rear



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### Connector Part Information

- OEM: 15326924
- Service: 15306174
- Description: 8-Way F GT 280 Series (BK)

### Terminal Part Information

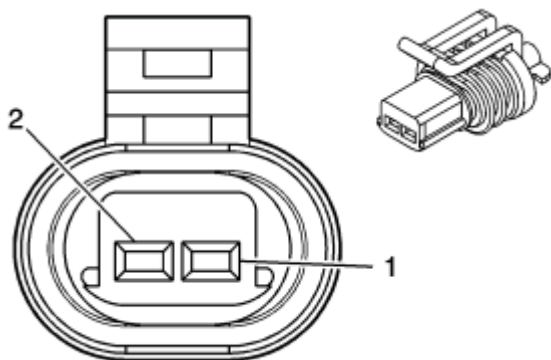
- Pins: A-D
- Terminal/Tray: 15304711/8
- Core/Insulation Crimp: E/A
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)
- Pins: E-H
- Terminal/Tray: 15304713/19
- Core/Insulation Crimp: Pins E, H - F/D
- Core/Insulation Crimp: Pins F, G - 4/4
- Release Tool/Test Probe: 15315247/J-35616-4A (PU)

## Window Switch - Right Rear

Pin	Wire	Circuit	Function
A	0.35 L-GN	170	Power Window Master Switch Right Rear Up Signal
B	0.35 GY	8	Instrument Panel Lamp Supply Voltage
C	0.35 PU	171	Power Window Master Switch Right Rear Down Signal
D	0.35 L-BU/WH	280	Power Window Master Switch Lockout Right Rear Signal
E	3 D-BU	670	Power Window Motor Right Rear Up Control
F	2 BK	750	Ground
G	2 RD/WH	3340	Battery Positive Voltage
H	3 BN	671	Power Window Motor Right Rear Down Control

## Windshield Washer Fluid Level Switch - Windshield Washer Fluid Level Switch

Windshield Washer Fluid Level Switch



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### Connector Part Information

- OEM: 15336024
- Service: 88987993
- Description: 2-Way F GT 150 Sealed (BK)

### Terminal Part Information

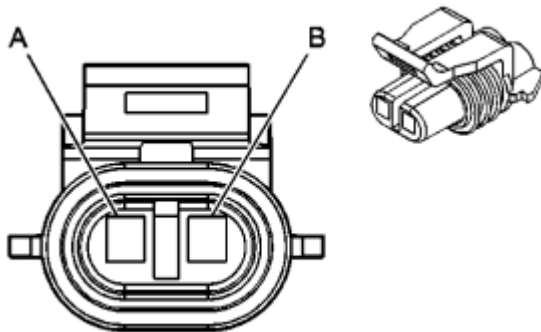
- Terminal/Tray: 15326267/19
- Core/Insulation Crimp: E/4
- Release Tool/Test Probe: 15315247/J-35616-2A (GY)

## Windshield Washer Fluid Level Switch

Pin	Wire	Circuit	Function
1	0.5 BK	1350	Ground
2	0.35 TN	185	Low Washer Fluid Indicator Control

## Windshield Washer Fluid Pump - Windshield Washer Fluid Pump

Windshield Washer Fluid Pump



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### Connector Part Information

- OEM: 12052641
- Service: 12102747
- Description: 2-Way F Metri-Pack 150 Series (BK)

### Terminal Part Information

- Terminal/Tray: 12048074/2
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12094429/J-35616-14 (GN)

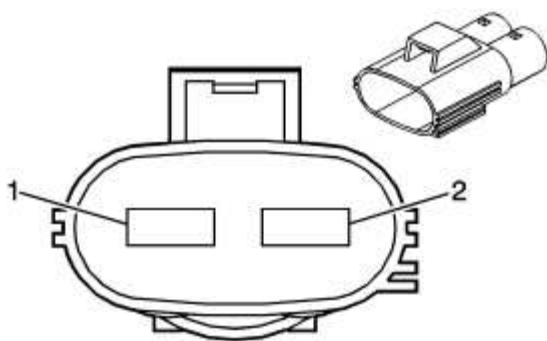
## Windshield Washer Fluid Pump

Pin	Wire	Circuit	Function
A	0.5 OG	228	Windshield Washer Pump Control
B	0.5 BK	1350	Ground

## Windshield Washer Solvent Heater X1 (XA7) - Windshield Washer Solvent Heater X1 (XA7)

Windshield Washer Solvent Heater X1 (XA7)





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#### Connector Part Information

- OEM: 7282-3214-30
- Service: 19115654
- Description: 2-Way M Y-Type 9.5 Series, Sealed (BK)

#### Terminal Part Information

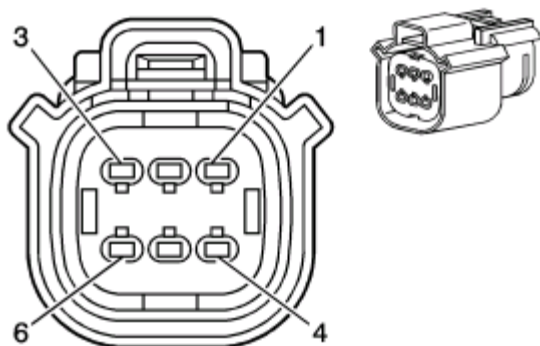
- Terminal/Tray: 7114-3250/14
- Core/Insulation Crimp: G/3
- Release Tool/Test Probe: 12094430/J-35616-21 (RD)

#### Windshield Washer Solvent Heater X1 (XA7)

Pin	Wire	Circuit	Function
1	5 RD/WH	1440	Battery Positive Voltage
2	5 BK	1750	Ground

#### Windshield Washer Solvent Heater X2 (XA7) - Windshield Washer Solvent Heater X2 (XA7)

Windshield Washer Solvent Heater X2 (XA7)



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### Connector Part Information

- OEM: 33472-0611
- Service: 19115669
- Description: 6-Way F Sealed (BK)

### Terminal Part Information

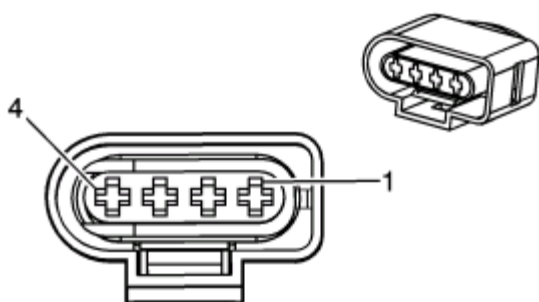
- Terminal/Tray: 33012-1003/23
- Core/Insulation Crimp: 2/E/2
- Release Tool/Test Probe: J-38125-217/J-35616-14 (GN)

### Windshield Washer Solvent Heater X2 (XA7)

Pin	Wire	Circuit	Function
1	0.35 L-GN	6096	Washer Fluid Heated Control Switch Signal
2	0.35 D-BU/WH	5970	Washer Fluid Heated Control Switch LED Supply Voltage
3	—	—	Not Used
4	0.35 BK	1450	Ground
5	0.35 PK	94	Windshield Washer Switch Signal
6	0.35 OG	300	Power Mode

### Windshield Wiper Motor - Windshield Wiper Motor

Windshield Wiper Motor



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### Connector Part Information

- OEM: 10811710
- Service: 88987987
- Description: 4-Way F Timer Jr-Power Sealed (BK)

### Terminal Part Information

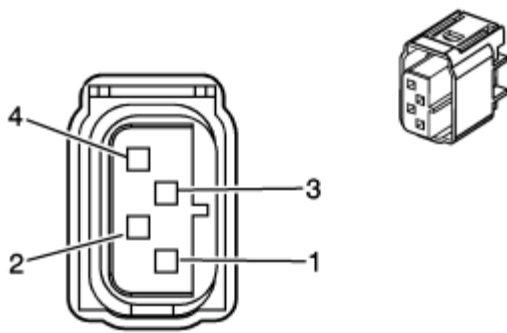
- Terminal/Tray: 4-964273-1/15
- Core/Insulation Crimp: E/1
- Release Tool/Test Probe: 12093647/J-35616-4A (PU)

### Windshield Wiper Motor

Pin	Wire	Circuit	Function
1	1 PU	92	Windshield Wiper Motor High Speed
2	1 D-GN	95	Windshield Washer Switch Signal
3	0.35 YE	196	Windshield Wiper Motor Park Switch Signal
4	1 BK	1650	Ground

### Yaw and Lateral Accelerometer Sensor - Yaw and Lateral Accelerometer Sensor

Yaw and Lateral Accelerometer Sensor



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### Connector Part Information

- OEM: 1-967640-1
- Service: 88953370
- Description: 4-Way F MQS Socket Housing, Sealed (BK)

### Terminal Part Information

- Terminal/Tray: 962885-5/15
- Core/Insulation Crimp: 6/6
- Release Tool/Test Probe: 12094429/J-35616-64B (L-BU)

### Yaw and Lateral Accelerometer Sensor

Pin	Wire	Circuit	Function
1	0.5 L-BU	2088	Low Reference
2	0.5 L-GN/BK	6432	CAN Bus Low Serial Data
3	0.5 TN/WH	6433	CAN Bus High Serial Data
4	0.5 D-GN	2087	12-Volt Reference

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